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NISSAN LEAF

ZE2-EN0

NISSAN

LEAF

OWNER'S MANUAL

Foreword

This manual was prepared to help you understand the operation and maintenance of your vehicle so that you may enjoy many kilometers (miles) of driving pleasure. Please read through this manual before operating your vehicle.

A separate Warranty Information & Maintenance Booklet explains details about the warranties covering your vehicle.

In addition to factory installed options, your vehicle may also be equipped with additional accessories installed by NISSAN or by your NISSAN certified electric vehicle dealer prior to delivery. It is important that you familiarise yourself with all disclosures, warnings, cautions and instructions concerning proper use of such accessories prior to operating the vehicle and/or accessory. It is recommended you see a NISSAN certified electric vehicle dealer for details concerning the particular accessories with which your vehicle is equipped.

Your NISSAN certified electric vehicle dealer knows your vehicle best. When you require any service or have any questions, we will be glad to assist you with the extensive resources available to us.

READ FIRST — THEN DRIVE SAFELY

Before driving your vehicle, read your Owner's Manual carefully. This will ensure familiarity with controls and maintenance requirements, assisting you in the safe operation of your vehicle.

⚠ WARNING

IMPORTANT SAFETY INFORMATION REMINDERS!

Follow these important driving rules to help ensure a safe and comfortable trip for you and your passengers!

- **NEVER drive under the influence of alcohol or drugs.**
- **ALWAYS observe posted speed limits and never drive too fast for conditions.**
- **ALWAYS give your full attention to driving and avoid using vehicle features or taking other actions that could distract you.**
- **ALWAYS use your seat belts and appropriate child restraint systems. Pre-teen children should be seated in the rear seat.**
- **ALWAYS provide information about the proper use of vehicle safety features to all occupants of the vehicle.**
- **ALWAYS review this Owner's Manual for important safety information.**

MODIFICATION OF YOUR VEHICLE

This vehicle should not be modified. Modification could affect its performance, safety or durability, and may even violate governmental regulations. In addition, damage or performance problems resulting from modification may not be covered under NISSAN warranties.

⚠ WARNING

Installing an aftermarket On-Board Diagnostic (OBD) plug-in device that uses the port during normal driving, for example remote insurance company monitoring, remote vehicle diagnostics, telematics or EV system, may cause interference or damage to vehicle systems. We do not recommend or endorse the use of any aftermarket OBD plug-in devices, unless specifically approved by NISSAN. The vehicle warranty may not cover damage caused by any aftermarket plug-in device.

WHEN READING THE MANUAL

This manual includes information for all features and equipment available on this model. Features and equipment in your vehicle may vary depending on model, trim level, options selected, order, date of production, region or availability. Therefore, you may find information about features or equipment that are not included or installed on your vehicle.

Throughout this manual, some illustrations may only show the layout for Left-Hand Drive (LHD) models. For Right-Hand Drive (RHD) models, the illustrated shape and location of some components may differ.

All information, specifications and illustrations in this manual are those in effect at the time of printing. NISSAN reserves the right to change specifications, performance, design or component suppliers without notice and without obligation.

IMPORTANT INFORMATION ABOUT THIS MANUAL

You will see various symbols in this manual. They are used in the following ways:

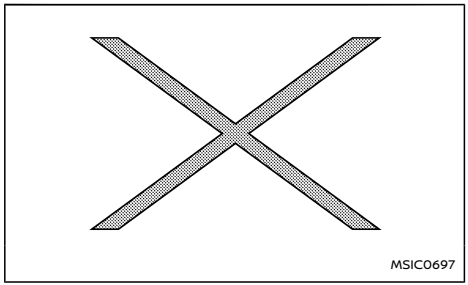
⚠ WARNING

This is used to indicate the presence of a hazard that could cause death or serious

personal injury. To avoid or reduce the risk, the procedures must be followed precisely.

CAUTION

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.



If you see the symbol above, it means **"Do not do this"** or **"Do not let this happen"**.



If you see a symbol similar to those above in an illustration, it means the arrow points to the front of the vehicle.



Arrows in an illustration that are similar to those above indicate movement or action.



Arrows in an illustration that are similar to those above call attention to an item in the illustration.

Trademarks

QR code

The term "QR code" is a registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.

Air bag warning labels



"NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIR BAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur."

Be sure to read "Air bag warning labels" (P.96).

Battery Disposal



Pre-installed remote controller (for Intelligent Key and/or Remote keyless entry system) battery - type CR2032 complies with the essential requirements of Regulation (EU)2023/1542

Pre-installed TPMS sensor battery - type CR2032 complies with the essential requirements of Regulation (EU)2023/1542

CAUTION

An improperly disposed battery can harm the environment. Always confirm local regulations for battery disposal.

Examples of the batteries that the vehicle contains:

- Vehicle battery
- Remote controller battery (for Intelligent Key and/or Remote keyless entry system)
- Tyre Pressure Monitoring System (TPMS) sensor battery
- Remote controller battery (for Mobile Entertainment system)

If in doubt, contact your local authority, or a NISSAN dealer, or a qualified workshop for advice on disposal.

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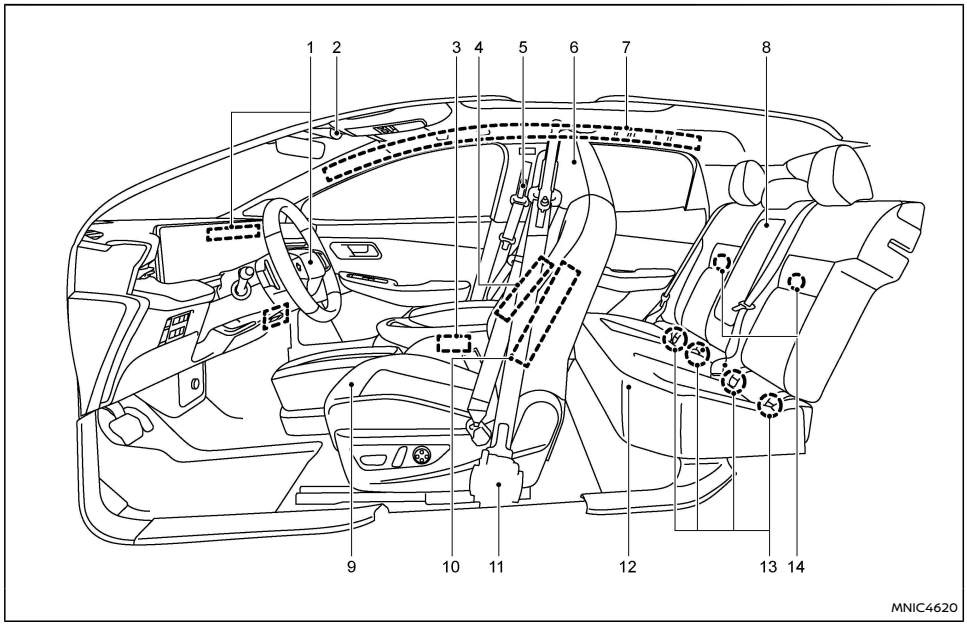
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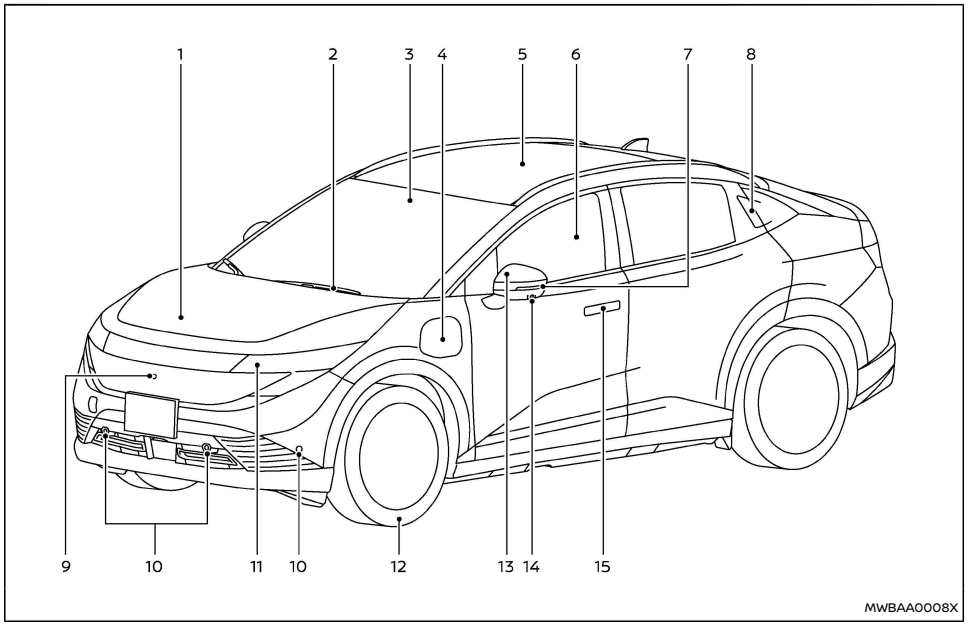
SEATS, SEAT BELTS AND SUPPLEMENTAL RESTRAINT SYSTEM (SRS)



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14. Child restraint anchor points (for top tether) (P.85)

* — where fitted

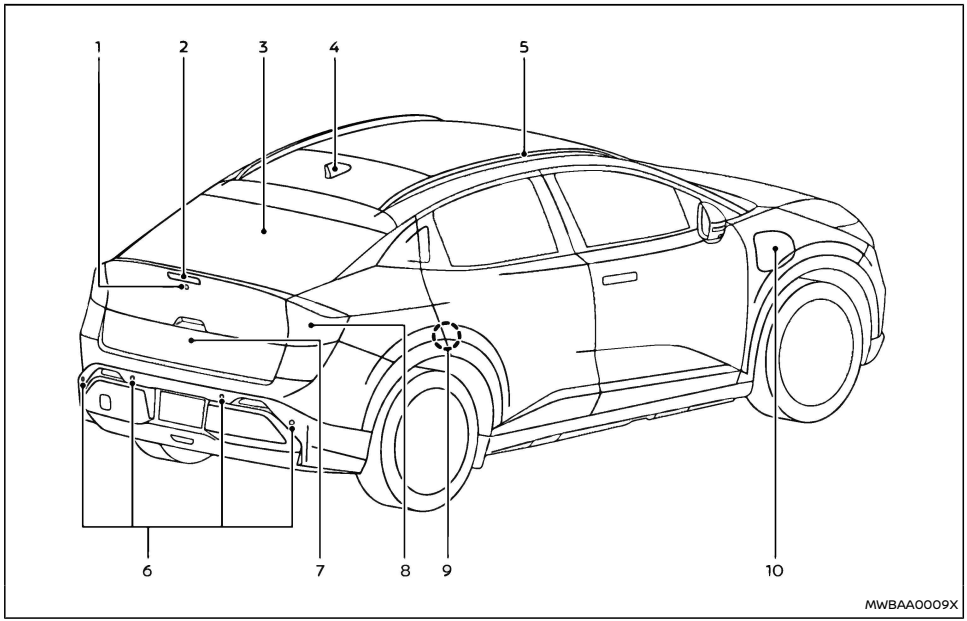
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2. Windscreen wiper and washer
   — Switch operation (P.159)
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15. Doors
    — Keys (P.192)
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    — Intelligent Key system (P.197)
    — Security system (P.157)

*: where fitted

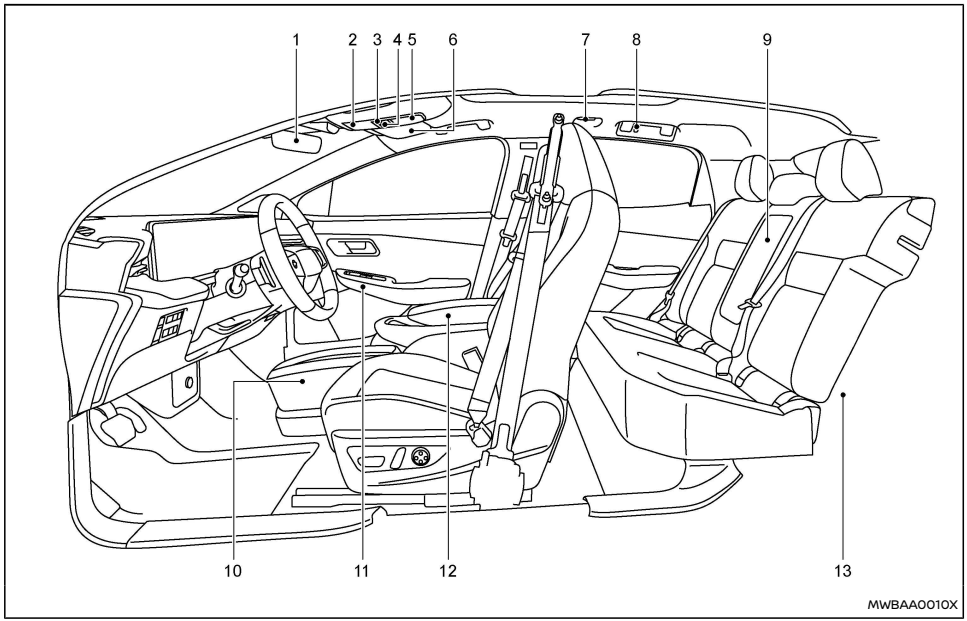
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2. High-mounted brake light (P.450)
3. Rear window defogger (P.161)
4. Antenna (P.251)
5. Roof rack (P.184)
6. Sonar sensors (centre and corner)
   — Sonar system (P.405)
   — Rear Automatic Braking (RAB) system* (P.391)
7. Tailgate (P.208)
   — Intelligent Key system (P.197)
8. Rear combination lights (P.450)
   — Rear fog light (P.167)
9. Child safety rear door locks (P.197)
10. Charge port lid (quick/normal charge) for LHD (P.211)
    — Immediate charge switch (P.53)
    — Charge connector unlock switch (P. 49)

*: where fitted

PASSENGER COMPARTMENT



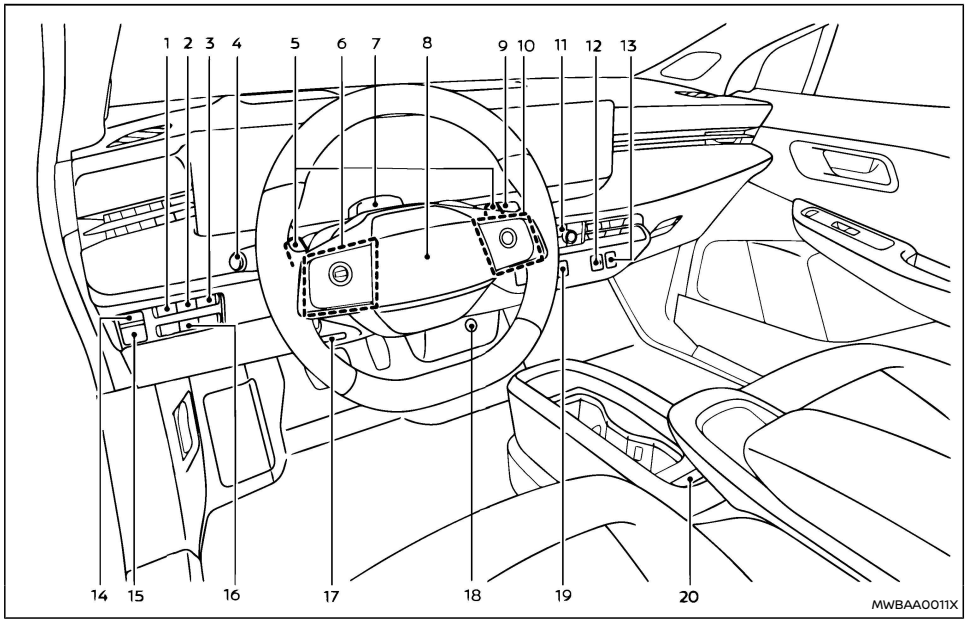
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3. Map lights (P.188)
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4. eCall (SOS) button* (P.177)
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    — Power window switch (P.185)
    — Outside mirror control switch (driver's side) (P.215)
    — Power door lock switches (P.196)
12. Centre console
    — Armrest (P.68)
    — Console box (P.181)
    — Wireless charger* (P.170)
    — Power outlet (P.169)
    — USB (Universal Serial Bus) charging connector (P.169)
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    — Adjustable luggage floor (P.180)
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    — NISSAN EVSE (Electric Vehicle Supply Equipment)* (P.44)
    — NISSAN Mode 3 cable* (P.46)

*: where fitted

**: Refer to the separate NissanConnect Owner's Manual.

COCKPIT

LEFT-HAND DRIVE (LHD) MODEL

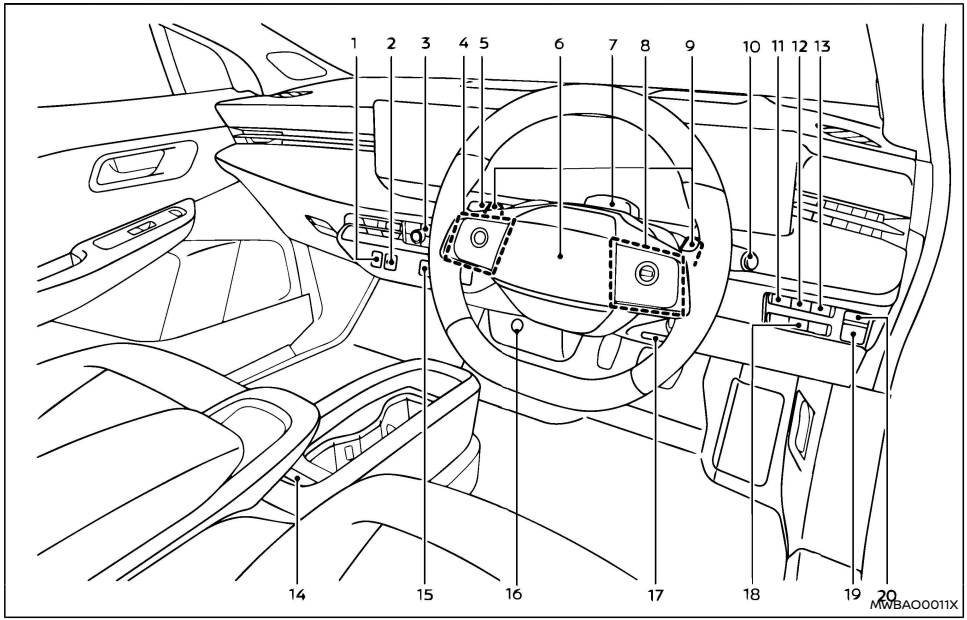


1. Headlight aiming control switch (P. 166)
2. Steering Assist switch (P. 168)
3. Power tailgate switch (where fitted) (P.208)
4. Headlight and turn signal switch (P.161)
5. Paddle selector (P. 268)
6. Steering-wheel-mounted controls (left side)
   — ProPILOT Assist switch* (P.328)
   — Speed limiter switch (P.312)
   — Volume control **
7. Driver facing camera (where fitted) (P.387)
8. Steering wheel (P.212)
   — Horn (P.167)
9. Wiper and washer switch (P.159)
10. Steering-wheel-mounted controls (right side)
    — Audio control**
    — Vehicle information display control (P.127)
    — Bluetooth® Hands-Free Phone System switches**
    — Voice Recognition system switch**
11. Hazard indicator flasher switch (P.416)
12. Drive Mode Selector (P.276)
13. e-Pedal switch (P.269)
14. Automatic brake hold switch (P.273)
15. Electric parking brake switch (P. 271)
16. Head Up Display (HUD) switch* (P.155)
17. Tilt and telescopic steering wheel control (P.212)
18. Power outlet (P.169)
19. Shift buttons (P.265)
20. USB (Universal Serial Bus) connection ports * (P. 169)

*: where fitted

**: See the separate NissanConnect Owner's Manual.

RIGHT-HAND DRIVE (RHD) MODEL



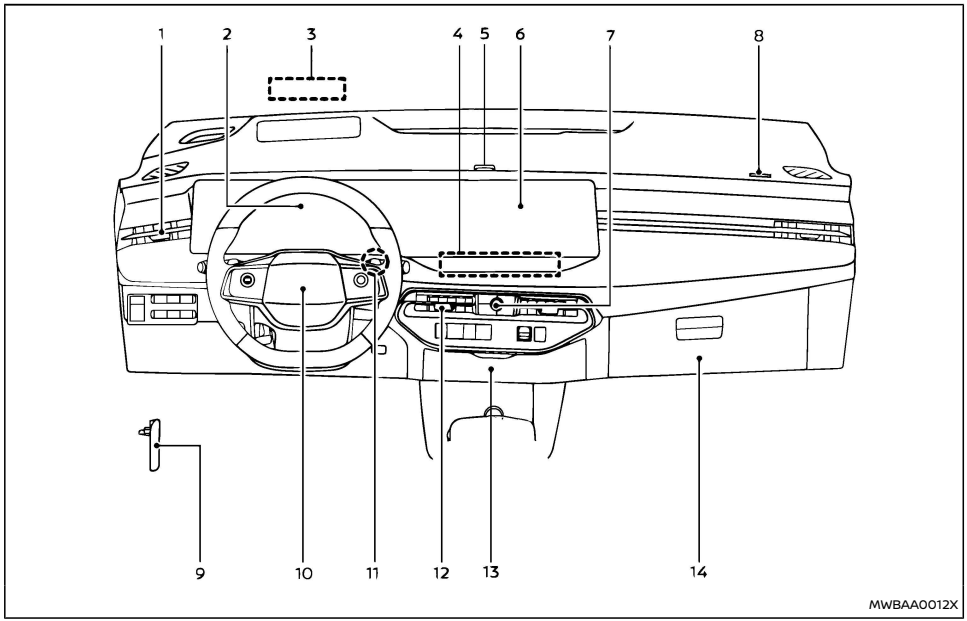
1. e-Pedal switch (P.269)
2. Drive Mode Selector (P.276)
3. Hazard indicator flasher switch (P.416)
4. Steering-wheel-mounted controls (left side)
   — ProPILOT Assist switch* (P.328)
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   - Volume control **
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8. Steering-wheel-mounted controls (right side)
   — Audio control**
   — Vehicle information display control (P.127)
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12. Steering Assist switch (P. 168)
13. Headlight aiming control switch (P. 166)
14. USB (Universal Serial Bus) connection ports * (P. 169)
15. Shift buttons (P.265)
16. Power outlet (P.169)
17. Tilt and telescopic steering wheel control (P.212)
18. Head Up Display (HUD) switch* (P.155)
19. Electric parking brake switch (P. 271)
20. Automatic brake hold switch (P.273)

*: where fitted

**: See the separate NissanConnect Owner's Manual.

INSTRUMENT PANEL

LEFT-HAND DRIVE (LHD) MODEL

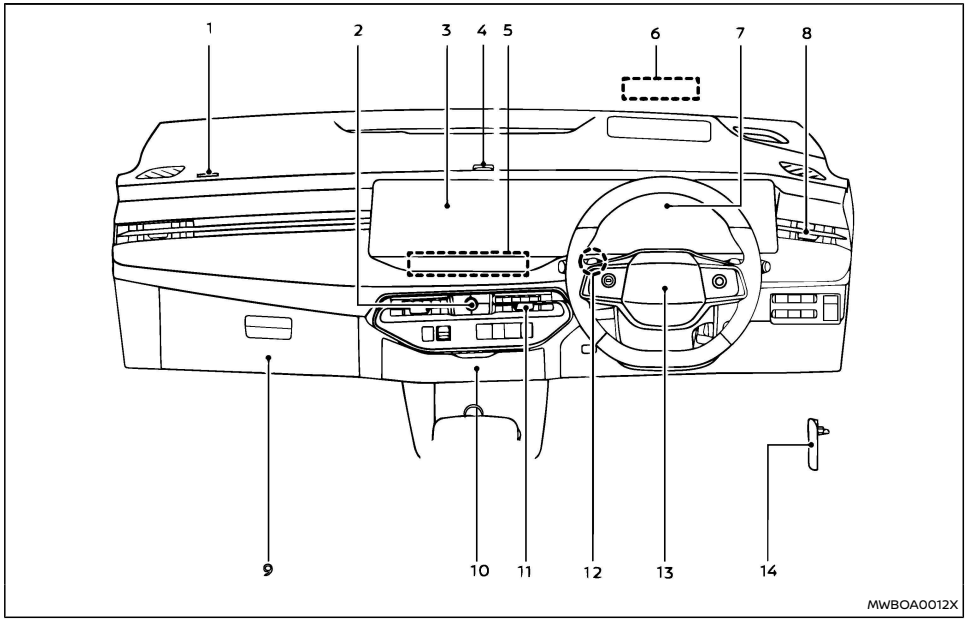


1. Side vent (P.243)
2. Meters and gauges (P.109)
   — Vehicle information display (P.126)
   — Clock (P.152)
3. Head Up Display (HUD)* (P.155)
4. Heater and air conditioner control (P.244)
   — Rear window and outside mirror defroster switch (P.161)
   — Windscreen deicer switch* (P. 161)
   — Heated seat (left and right)* (P. 68)
5. Charging status indicator light (P.55)
6. Touch screen display
   — Audio system** or navigation system**
   — Intelligent Around View Monitor* (P.226)
   — Bluetooth® Hands-Free Phone System**
   — Heater and air conditioner control (P.244)
   — Heated seat* (P.68)
   — Heated steering wheel* (P.168)
7. Audio switch**
8. Front passenger supplemental air bag (P.93)
9. Bonnet release handle (P.207)
10. Driver supplemental front-impact air bag (P.93)
11. Push-button power switch (P.262)
12. Center vent (P.243)
13. Center storage (P.181)
14. Glove box (P.181)

*: where fitted

**: See the separate NissanConnect Owner's Manual.

RIGHT-HAND DRIVE (RHD) MODEL

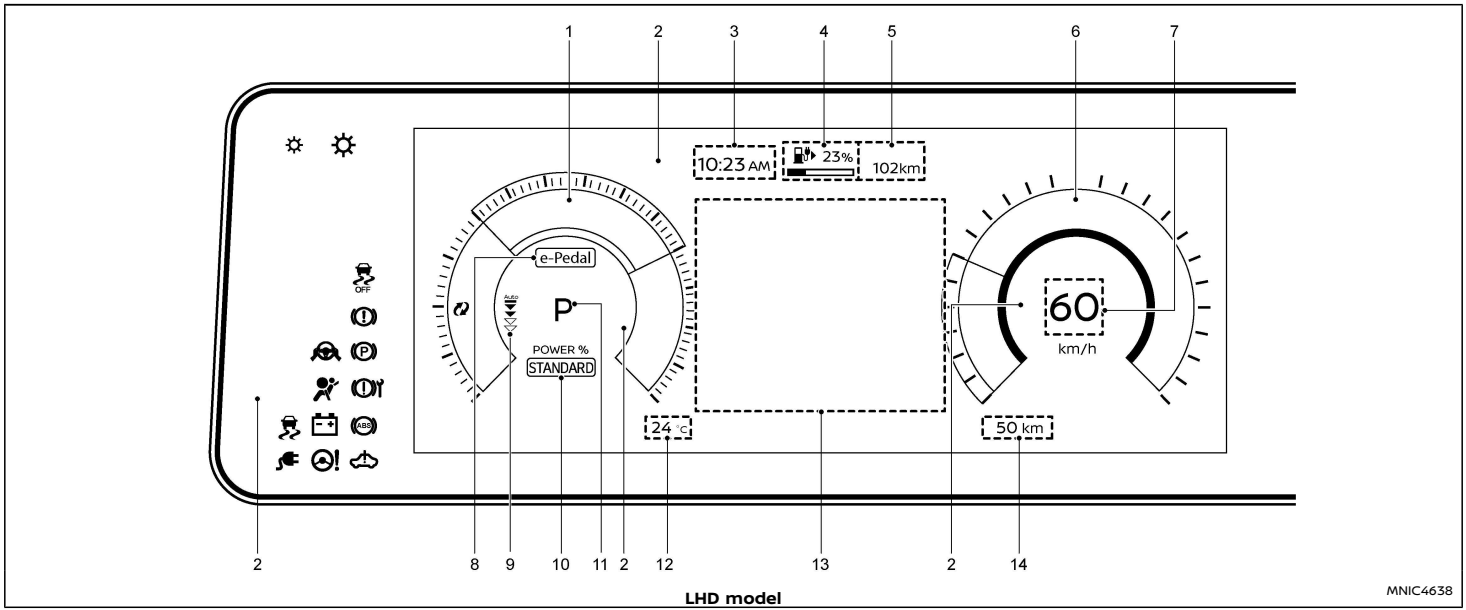


1. Front passenger supplemental air bag (P.93)
2. Audio switch**
3. Touch screen display
   - — Audio system** or navigation system**
   - — Intelligent Around View Monitor* (P.226)
   - — Bluetooth® Hands-Free Phone System**
   - — Heater and air conditioner control (P.244)
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9. Glove box (P.181)
10. Center storage (P.181)
11. Center vent (P.243)
12. Push-button power switch (P.262)
13. Driver supplemental front-impact air bag (P.93)
14. Bonnet release handle (P.207)

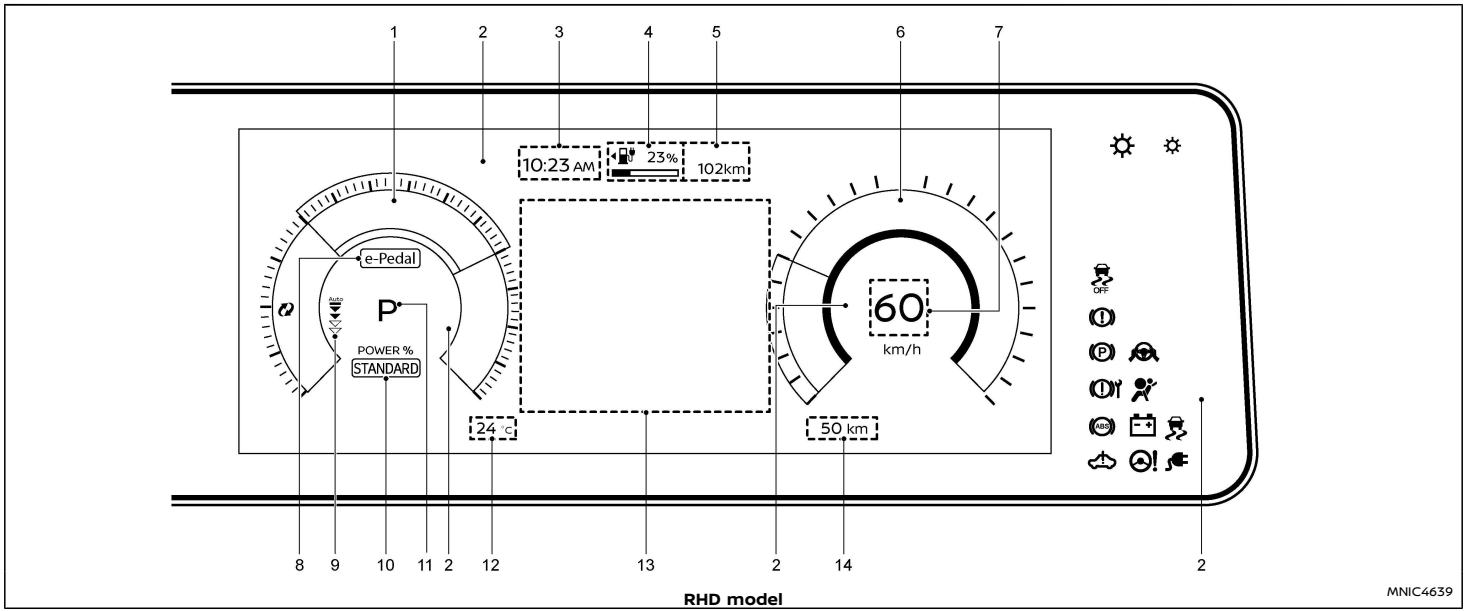
*: where fitted

**: See the separate NissanConnect Owner's Manual.

METERS AND GAUGES



LHD model

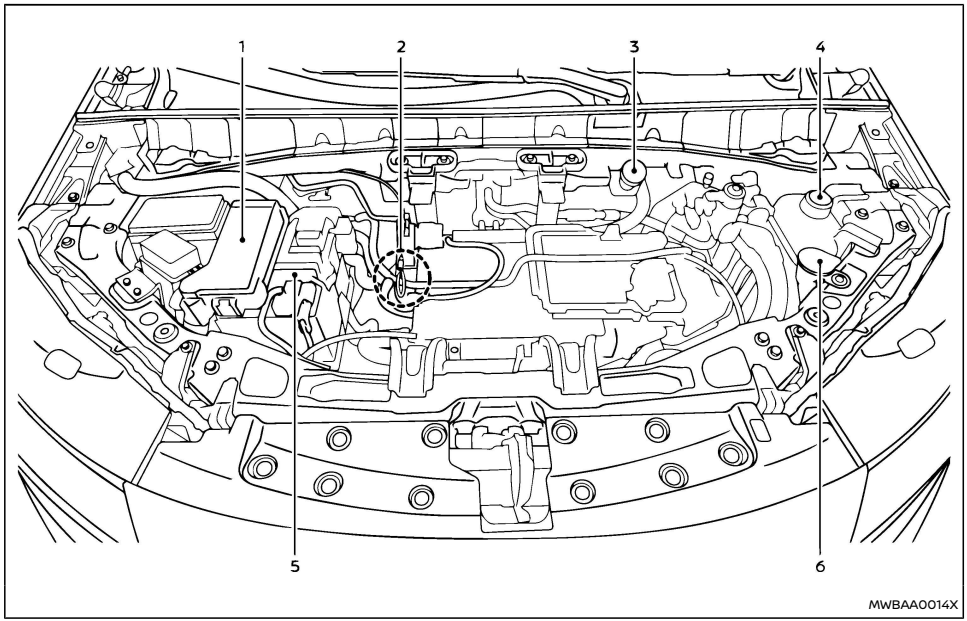


RHD model

1. Power meter (P.112)
2. Warning and indicator lights (P.115)
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4. Li-ion battery available charge gauge (P.112)
5. Estimated driving range (P.113)
6. Speedometer (P.112)
7. Vehicle speed (P.112)
8. e-Pedal indicator (P.114, P.269)
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11. Shift position indicator (P.114)
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13. Vehicle information display (P. 126)
14. Odometer (P. 112)

The view of the meter screen can be changed. (See “Changing the meter screen view” (P.111).)

MOTOR COMPARTMENT



Example

1. Fuse/fusible link holders (P.449)
2. Charge connector mechanical release
3. Brake fluid reservoir (P.444)
4. Coolant reservoir (P.443)
5. 12–volt battery (P.447)
6. Window washer fluid reservoir (P.446)

The layout/components illustrated are for the Left-Hand Drive (LHD) models and may differ from those for the Right-Hand Drive (RHD) models.

NOTE:

Your vehicle may not be equipped with a motor cover.

WARNING AND INDICATOR LIGHTS

Red light	Name	Page
	12-volt battery charge warning light	117
	Brake warning light	117
	Electric power steering warning light	118
	Electric shift control system warning light	118
	Electric parking brake warning light	118
	Hands OFF warning light (where fitted)	119
	Master warning light	119
	Seat belt warning light	119
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Yellow light	Name	Page
	Anti-lock Braking System (ABS) warning light	120
	Approaching Vehicle Sound for Pedestrians (VSP) OFF indicator light	120
	Brake system warning light (yellow)	120

Yellow light	Name	Page
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	EV system warning light	121
	Intelligent Driver Alertness indicator light	121
	Intelligent Emergency Braking system OFF warning light	121
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	Regenerative braking intensity indicator light	125

For detailed explanation on warning messages and indicator lights, see "Warning lights, indicator lights and audible reminders" (P.115) and "Vehicle information display warnings and indicators" (P.135))

MEMO

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THE EV (Electric Vehicle) SYSTEM

The LEAF is an electric vehicle. Some of the vehicle's systems operate differently and have different operating characteristics than vehicles equipped with an internal combustion engine. It is important to carefully review the entire Owner's Manual for this reason. The main difference is the LEAF is powered by electricity. The LEAF does not require and it is not capable of using petrol like a vehicle powered by a traditional internal combustion engine. The LEAF uses electricity stored in the lithium ion (Li-ion) battery. The vehicle Li-ion battery must be charged with electricity before the vehicle can be driven. As the vehicle operates, the Li-ion battery gradually discharges. If the Li-ion battery becomes completely discharged, the vehicle will not operate until it is re-charged.

This vehicle uses two types of batteries. One is the 12-volt battery that is the same as the battery in vehicles powered by petrol engine, the other is the Li-ion battery (high voltage).

The 12-volt battery provides power to the vehicle systems and features such as the audio system (where fitted), supplemental restraint systems, headlights and windscreen wipers.

The Li-ion battery provides power to the electric motor (traction motor) that moves the vehicle.

The Li-ion battery also charges the 12-volt battery.

The vehicle must be plugged in for the Li-ion battery to be charged. Additionally, the vehicle system can extend the driving range by converting driving force into electricity that is stored in the Li-ion battery while the vehicle is decelerating or being driven downhill. This is called regenerative brake. This vehicle is considered to be an environmentally friendly vehicle because it does not emit exhaust gases, such as carbon dioxide and nitrogen oxide.

LI-ION BATTERY

⚠ WARNING

Your vehicle contains a sealed Li-ion high voltage battery. If the Li-ion battery is disposed of improperly, there is a risk of severe burns and electrical shock that may result in serious injury or death and there is also a risk of environmental damage.

CAUTION

To prevent damage to the Li-ion battery:

- **Do not expose the vehicle to extreme ambient temperatures for extended periods.**
- **Do not store the vehicle in temperatures below −25°C (−13°F) for over seven days.**
- **Do not leave your vehicle for over 14 days where the Li-ion battery available charge gauge reaches a zero or near zero.**
- **Do not use the Li-ion battery for any other purpose.**
- **Do not spill water on the Li-ion battery or load large amounts of water in open containers (aquariums or buckets) into the vehicle. If the water spills on the Li-ion battery, it may cause a short circuit and damage the Li-ion battery.**

NOTE:

- **If the outside temperature is −25°C (−13°F) or less, the Li-ion battery may freeze and it cannot be charged or provide power to drive the vehicle. Move the vehicle to a warm location.**

- **The capacity of the Li-ion battery in your vehicle to hold a charge will, like all such batteries, decrease with time and usage. As the battery ages and capacity decreases, this will result in a decrease from the vehicle's initial driving range. This is normal, expected, and not indicative of any defect in your Li-ion battery.**
- **The Li-ion battery has limited service life, and when its charging capacity falls below a specific level, the EV system warning light will illuminate. Owners should bring their vehicle in for inspection and possible battery replacement.**
- **The Li-ion battery has a limited service life. Contact a NISSAN certified electric vehicle dealer for information about recycling or disposal of the Li-ion battery. Do not attempt to recycle or dispose of the Li-ion battery yourself.**

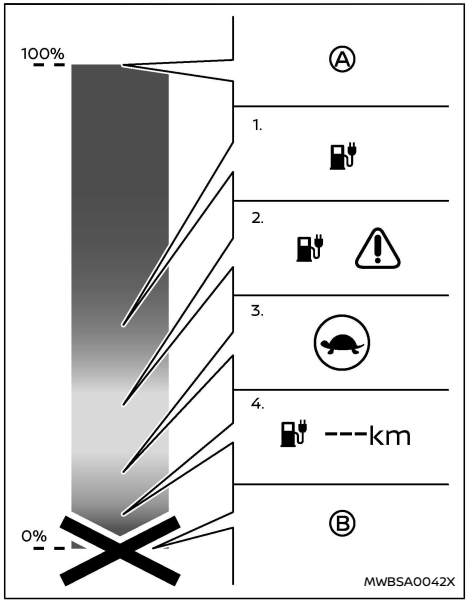
DRIVING WITH A DISCHARGED LI-ION BATTERY

When a destination is set in the navigation system that exceeds the available vehicle range, the navigation system automatically searches the location of nearby charging stations. When the nearby charging station locations are displayed, charge the Li-ion battery as soon as possible.

Warning lights illuminate on the instrument panel and messages are displayed on the vehicle information display to inform you that the Li-ion battery charge is low.

The vehicle's range is very limited when these warning lights illuminate and messages are displayed. Follow the instructions on the vehicle information display and immediately charge the vehicle at the nearest charging station.

There are four levels of information that will be displayed as the Li-ion battery becomes discharged:

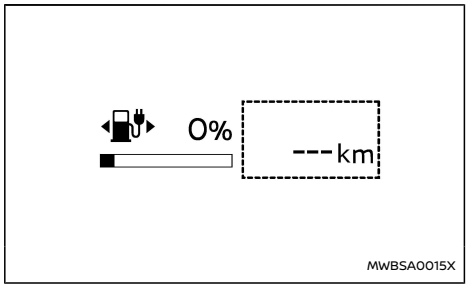


Ⓐ Full charge

1. Battery charge reminder
2. Low Li-ion battery
3. Traction motor output limited
4. "---" indication

Ⓑ Battery discharged

1. The charge reminder will pop up to let the driver know when the remaining driving distance is low. The driver can set when the charge reminder will be triggered. When the set remaining driving distance is reached, the [Battery Charge Reminder] will pop up on the vehicle information display. The remaining driving distance can be set between 40 and 120 km (40 and 120 miles). (See"[EV Settings]" (P.133).)
2. The following warning lights illuminate on the meter and messages are displayed on the vehicle information display at the same time to indicate low Li-ion battery charge. Charge the Li-ion battery as soon as possible.
   - The low battery charge warning light (yellow)
   - The master warning light ⚠ (yellow)
   - [Low Battery] warning message is displayed on the vehicle information display. See "Vehicle information display warnings and indicators" (P.135).



Example

NOTE:

Due to traffic conditions, it may be difficult to get to the charging station suggested by the navigation system. If the Li-ion battery is almost completely discharged, drive directly to the nearest charging station.

3. When the power limitation indicator light illuminates, traction motor output is limited resulting in reduced vehicle speed. Stop the vehicle in a safe location before the Li-ion battery becomes completely discharged and there is no power available to drive the vehicle. See "If the Li-ion battery becomes completely discharged" (P.424).
4. If the vehicle is driven and the Li-ion battery continues to discharge, the driving range changes to "---".

CHARGING THE 12-VOLT BATTERY

The 12-volt battery is charged automatically using electricity stored in the Li-ion battery.

While vehicle is in use

The Li-ion battery charges the 12-volt battery as necessary when the power switch is in the READY to drive position or ON position.

The only time when the 12-volt battery is not charging, is when the vehicle is sleeping or the Li-ion battery charge level is low.

While the vehicle is not in use

When the EV (Electric Vehicle) system is off for an extended time, the 12-volt battery may be automatically charged for a short period of time on a regular basis.

LI-ION BATTERY TEMPERATURE CONTROL SYSTEM

This system helps to prevent the Li-ion battery temperature from becoming too high or low.

Li-ion battery cooler

- When the Li-ion battery temperature becomes higher, it can cause an acceleration decline and longer charging time by the DC fast charger.
- The Li-ion battery temperature tends to rise in the case of continued driving on a motorway, repeated use of the DC fast charger, and combination of both operations.
- The Li-ion battery cooler will automatically turn on when the Li-ion battery temperature rises during driving or fast charging. It will keep the Li-ion battery temperature to a level that does not activate power limitation or charging inhibition. This function is useful when driving a long distance with repeated use of DC fast charger.
- When the Li-ion battery cooler operates, more electric power will be consumed than in normal driving condition, which could result in a decreased energy economy and driving range. Avoid unnecessary acceleration and deceleration and drive at a moderate speed.

Battery Cooling Assist:

This function is available during the DC fast charging. To turn Battery cooling assist on or off, use the touch screen.

Turning this function on will improve Li-ion battery cooling capacity and reduce charging time. (See "Electric Vehicle Screen" (P.32)).

Li-ion battery heater

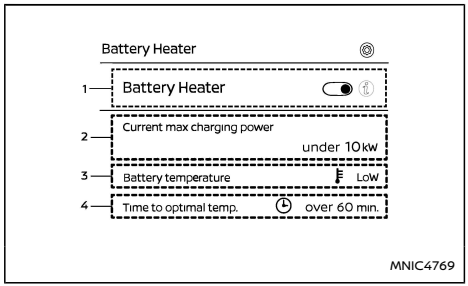
- When the Li-ion battery temperature becomes lower, it can cause longer charging time by the DC fast charger.
- The Li-ion battery heater will automatically turn on when the Li-ion battery temperature is cold during the DC fast charging. It will also turn on while driving if the function is enabled on the touch screen display. It will raise the Li-ion battery temperature to avoid extending charging time when using the DC fast charger.
- When the Li-ion battery heater operates while fast charging, it uses electrical power from the DC fast charger.

  The improvement of charging capacity varies

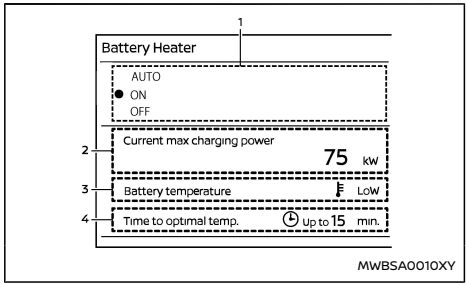
depending on the temperature and/or remaining capacity of the Li-ion battery.

Manual Battery Heater (where fitted):

To allow the Li-ion battery heater to operate while driving, enable the function on the touch screen display. See "Electric Vehicle Screen" (P.32)



Type A



Type B

1. Battery Heater (where fitted)

   Allows the driver to switch the feature [ON]/[OFF] and [AUTO] (where fitted).

2. Current max charging power

   Indicates the approximate maximum charging power.

   "— kW" will be displayed when charging is not possible. (Charging is not possible when the state of charge is 100%.)

3. Battery temperature

   Indicated the current the Li-ion battery temperature.

   - Low

     Battery temperature is low. It is recommended to turn on the battery heater before using DC fast charging.

   - Optimal

     Battery has reached optimal temperature for charging.

   - (not displayed)

     Battery temperature is already high enough for charging.

4. Time to optimal temp.

   Indicates the approximate time it will take to reach the optimal battery temperature when the battery heater is activated. The time shown may vary depending on outside temperature, driving conditions, etc.

   If the battery temperature is optimal or high enough already, this will not be displayed.

For type A (where fitted): Options 2, 3 and 4 are not displayed during charging.

For type B (where fitted): Options 2 and 4 will not be displayed during the charging. Also, when [AUTO] is selected, items 3 and 4 are not displayed.

NOTE:

- **When the Li-ion battery heater operates while driving, more electric power will be consumed than in normal driving condition, which could result in a decreased energy economy and driving range. Consider the state of charge of the Li-ion battery and the estimated driving range while driving.**
- **When use of the battery heater is recommended, the battery temperature on the Battery heater switch screen indicates "LOW".**

  The current maximum charging power is also shown on the screen. If the current maximum charging power is lower than the charging power of the DC fast charger at your destination, it is recommended to turn the battery heater on.

  The time it takes for the battery heater to reach the optimal temperature for charging is also displayed on the screen. Refer to the displayed time, you can turn on the battery heater before arriving at a DC fast charging station.

  The time it takes for the battery to reach the

optimal temperature for charging is an estimate only, and may vary depending on the outside temperature and driving conditions.

- **Once the DC fast charging is complete, or the power switch is set to OFF, the [Battery Heater] setting will switch to [OFF] (Type A), or to [AUTO] or [OFF] (Type B).**

Battery Heater AUTO (where fitted)::

When Battery Heater AUTO is selected, the system uses DC fast charger information (output and travel time to the charging station) from the navigation system to warm the Li-ion battery to the optimum temperature and at the right time for DC fast charging, thereby reducing charging time.

When the function is activated, the Battery Temperature Management Indicator will appear on the EV screen and the "Electric Vehicle" widget.

- This function can be activated only during route guidance with the navigation system. To enable the function, select [AUTO] on the battery heater in the navigation system setup screen.
- When the Li-ion battery heater operates while driving, more electric power will be consumed than in the normal driving condition, which could result in a decreased energy economy and driving range. Take account of the state of charge of the Li-ion battery and estimated driving range.
- If the travel time to the DC fast charger station is short, the battery temperature may not rise sufficiently and charging performance may not improve.
- This function may continue if you cancel the route guidance immediately after setting a route including the DC fast charger in the navigation system, but this function will be deactivated after a certain amount of driving.
- If you cancel the route guidance before arriving at a DC fast charging station, this function will be deactivated. In addition, if route guidance is canceled near a DC fast charging station, the system will continue to guide you until you start fast charging or drive a certain distance away from the charging station. If you do not need the battery heating, turn it off with the battery heater screen.
- If a transit point (other than the DC fast charge point) is added before arriving at a DC fast charge point, this function will not be activated until the vehicle has passed the transit point.
- Even during the navigation system route guidance, the heater may not be activated in the following cases.
  - Li-ion battery state of charge is low.
  - If the DC fast charger output is low or predicted state of charge value at the arrival to a fast charge point is high.

Li-ion battery heater icon (where fitted):

When the Li-ion battery heater is activated, the Battery Temperature Management Indicator will appear on the EV screen and the "Electric Vehicle" widget.

: Battery temperature is being optimised for your route.

: Automatically preheating the battery to optimise fast charging for your route.

: Battery heater active (turned ON by the user or automatically during charging when the battery is cold).

Battery Temperature Management (where fitted):

When driving to the destination with the guidance of the navigation system, the driving load is predicted from the route information, and the Li-ion battery temperature is controlled, contributing to the improvement of the energy economy and the DC fast charging speed.

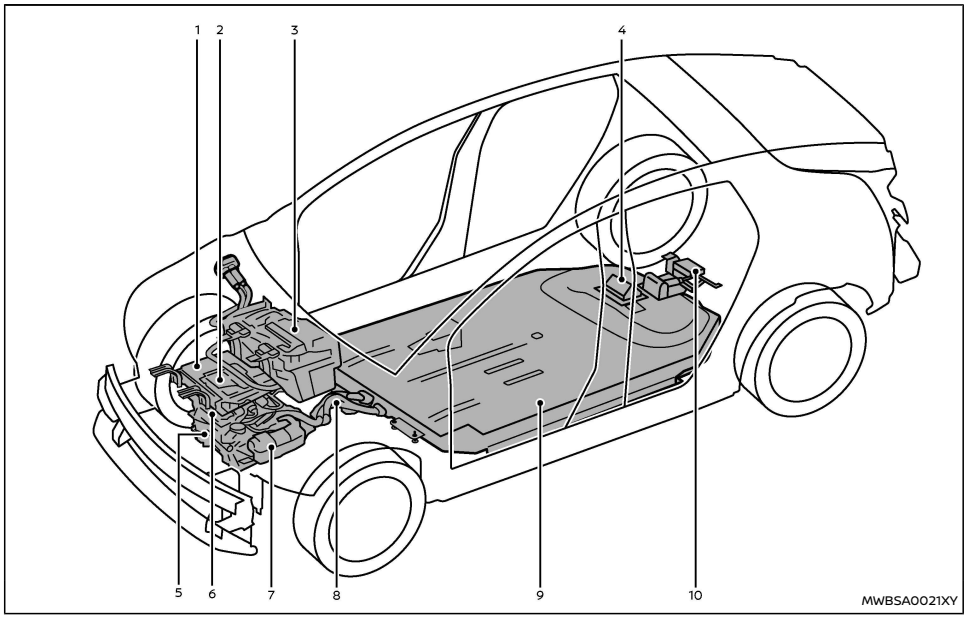
- This function is automatically enabled during route guidance by the navigation system. When the function is activated, the Battery Temperature Management Indicator appears on the EV screen and the "Electric Vehicle" widget.
- Even during the navigation system route guidance, this function may not be enabled in the following cases:
  - When you deviate from the route guided by the navigation system.
  - When the GPS reception is poor.
  - When a DC fast charger is set as a transit point, the function may not be available during the period between the end of route guidance upon arrival at the charging station and the moment you press the [Continue] button on the navigation screen..

HIGH VOLTAGE PRECAUTIONS

HIGH-VOLTAGE COMPONENTS

⚠ WARNING

- **The EV (Electric Vehicle) system uses high voltage up to approximately DC 400 volt. The system can be hot during and after starting and when the vehicle is shut off. Be careful of both the high voltage and the high temperature. Follow the warning labels that are attached to the vehicle.**
- **Never touch, disassemble, remove or replace high-voltage parts and cables as well as their connectors because they can cause severe burns or electric shock that may result in serious injury or death. High-voltage cables are coloured orange. The vehicle high voltage system has no user serviceable parts. Take your vehicle to a NISSAN certified electric vehicle dealer for any necessary maintenance.**



High-voltage components

1. On Board Charger (OBC)

   A charger used to charge Li-ion battery from an AC power source.
2. High-voltage junction box

   It distributes power to various components.
3. PTC cabin heater

   Air conditioning system for vehicle interior.
4. Service plug

   This plug is used to cut-off the high voltage when performing maintenance tasks. Never touch this plug.
5. Traction motor, inverter and reducer (3-in-1)

   Traction motor provides traction to enable vehicle's movement. Inverter controls the traction motor. Reducer gears down the high-

ROAD ACCIDENT PRECAUTIONS

speed rotation of the motor into lower-speed, higher-torque rotation suitable for the wheels.

6. DC/DC converter (not clearly visible from this perspective, it is located below the On Board Charger)

   Converts power from the Li-ion battery to a 12–volt battery voltage.

7. Air conditioner compressor

   It is an air conditioning system used for cooling both vehicle's cabin and the Li-ion battery.

8. High voltage harness

   These harnesses are high voltage and orange in colour. Be sure not to touch the harnesses.

9. Lithium ion (Li-ion) battery

   This battery can be charged via AC or DC chargers. The vehicle also supports regenerative power from electric motor (regenerative breaking) to extend the driving range. The Li-ion battery supplies electric power to the electric motor (driving) for driving.

10. Battery heater

    It is a heating device that keeps a proper temperature of the Li-ion battery for optimal fast charging time.

⚠ WARNING

In case of a collision:

- **If your vehicle is drivable, pull your vehicle off the road, push the shift button (P) to shift to the park position, apply the parking brake and turn the EV (Electric Vehicle) system off.**
- **Check your vehicle to see if there are exposed high-voltage parts or cables. For their locations, see** "High–voltage components" (P.21). To avoid personal injury, never touch high-voltage wiring, connectors, and other high-voltage parts, such as the On Board Charger (OBC), inverter unit and Li-ion battery. An electric shock may occur if exposed electric wires are visible when viewed from inside or outside of your vehicle. Therefore, never touch exposed electric wires.
- **If the vehicle receives a strong impact to the floor while driving, stop the vehicle in a safe location and check the floor.**
- **Leaks or damage to the Li-ion battery may result in a fire. If you discover them, contact emergency services immediately. Since the fluid leak may include electrolyte from the Li-ion battery, never touch the fluid leak inside or outside the vehicle. If the fluid contacts your skin or eyes, wash it off immediately with a large amount of water and receive immediate medical attention to help avoid serious injury.**
- **If a fire occurs in the EV (Electric Vehicle), leave the vehicle as soon as possible. Only use a type ABC, BC or C fire extinguisher that is meant for use on electrical fires. Using a small amount of water or the incorrect fire extinguisher can result in serious injury or death from electrical shock.**
- **If your vehicle needs to be towed, do it with the front wheels raised. If the front wheels are on the ground when towing, the EV (Electric Vehicle) system may be damaged.**
- **If you are not able to safely assess the vehicle due to vehicle damage, do not touch the vehicle. Leave the vehicle and contact emergency services. Advise 1st responders that this is an electric vehicle.**
- **In the event of an accident that requires body repair and painting, the Li-ion battery pack and high voltage parts such as the inverter, including the wire harness, should be removed prior to painting. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. Li-ion battery packs exposed to heat in the paint booth will experience capacity loss. Damaged Li-ion battery packs may also pose safety risks to untrained mechanics and repair personnel.**

EV (Electric Vehicle) CHARACTERISTICS

EMERGENCY SHUT-OFF SYSTEM

The emergency shut-off system is activated and the high-voltage system automatically turns off in the following conditions:

- Front and side collisions in which the air bags are deployed.

- Certain rear collisions.

- Certain EV (Electric Vehicle) system malfunctions.

For the above collisions and certain other EV (Electric Vehicle) system malfunctions, the READY to drive indicator light will turn off. See "Warning lights, indicator lights and audible reminders" (P.115).

The emergency shut-off activates for the above collisions to minimise risk of an event that could cause injury or an accident. If the emergency shut-off system activates, the EV system may not be switched to READY to drive position, contact a NISSAN certified electric vehicle dealer. Even if the power switch is switched to READY to drive position, the system may shut-off suddenly. Therefore, drive cautiously to the nearest NISSAN certified electric vehicle dealer or contact a NISSAN certified electric vehicle dealer as soon as possible.

⚠ WARNING

- **Pay special attention to pedestrians. Because there is no engine noise, pedestrians may not know the vehicle is approaching, moving or about to move, and may step into the path of vehicle travel.**
- **When leaving the vehicle, be sure to turn off the EV (Electric Vehicle) system.**
- **Be sure to push the shift button P to the park position and apply the parking brake when parking because the vehicle can move when the READY to drive indicator light is ON. When the READY to drive indicator light is ON, do not leave your vehicle in a shift position other than the P (Park) position.**
- **Keep the brake pedal depressed until you are ready to drive. When the vehicle is in the D (Drive) or R (Reverse) position, if you release the brake pedal and do not depress accelerator, the vehicle will creep and may start abruptly. This may cause serious injury or death.**

NOTE:

- **The vehicle cannot run with a discharged Li-ion battery. Repeated acceleration consumes more power from the Li-ion battery than driving at a steady speed.**
- **This vehicle is equipped with a regenerative brake system. The primary purpose of regenerative brake system is to provide some power to recharge the Li-ion battery and extend driving range. A secondary benefit is "engine braking" that operates based on Li-ion battery conditions.**
- **In the D (Drive) position, when the accelerator pedal is released, the regenerative brake system provides some deceleration.**
- **Less deceleration is provided by the regenerative brake system when the Li-ion battery is fully charged. Regenerative brake is automatically reduced when the Li-ion battery is fully charged to prevent the Li-ion battery from becoming overcharged. Regenerating brake is also automatically reduced when the battery temperature is high/low to prevent Li-ion battery damage.**
- **The brake pedal should be used to slow or stop the vehicle depending on traffic or road conditions. The vehicle brakes are not affected by regenerative brake system operation.**
- **The regenerative brake system may not function properly depending on tyre conditions.**

NOISE AND VIBRATION

You might experience the following noise or vibration as a normal characteristic of this vehicle.

- Traction motor noise from motor compartment
- Water pump and radiator fan noise while charging
- Compressor and radiator fan noise when the Climate Schedule or the remote climate control is used

LIFE WITH AN EV (Electric Vehicle) (scene guide)

- Relay operation noise and vibration at start-up and shut-down of the EV (Electric Vehicle) system (power switch placed in the ON and OFF position)
- Approaching Vehicle Sound for Pedestrians (VSP)

⚠ WARNING

The EV (Electric Vehicle) system uses a high voltage current. Failure to follow the proper handling instructions may cause serious injury or death.

This section provides a brief explanation of the most important electric vehicle functions. Refer to the specific sections of this manual for detailed explanations of the vehicle features and operation.

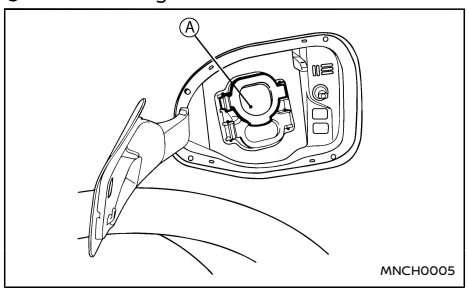
CHARGING THE LI-ION BATTERY

⚠ WARNING

Be sure to read the "CH. Charging" section and follow the procedures and guidelines described.

There are the following methods of charging the Li-ion battery:

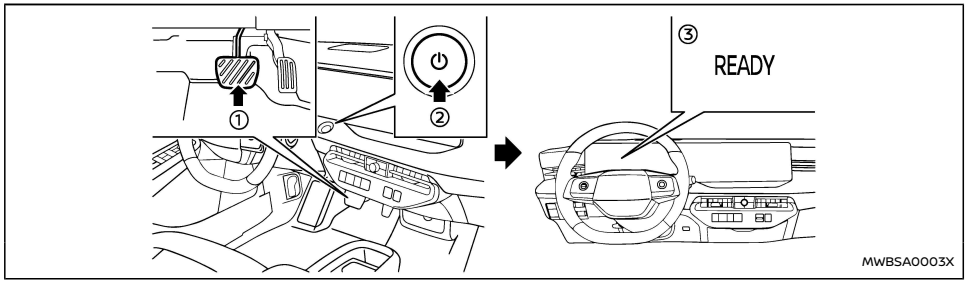
- DC fast charge
- Normal charge



Ⓐ : Combined Charging System (CCS) charge port

For instructions, see "How to charge the Li-ion battery" (P.38).

STARTING YOUR VEHICLE

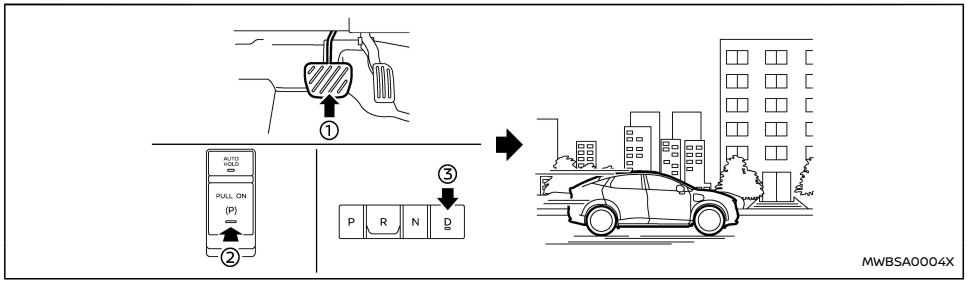


1. Firmly depress the brake pedal ①.
2. Push the power switch ②.
3. Check that the READY to drive indicator light ③ illuminates. See "READY to drive indicator light" (P.125).
4. If route guidance is necessary, enter the destination in the navigation system. See the separately provided NissanConnect Owner's Manual.
5. Check the Li-ion battery level and the estimated driving range shown on the vehicle information display. See "Li-ion battery available charge gauge" (P.112) and "Estimated driving range" (P.113).

NOTE:

- **Before driving, compare the driving distance to the destination displayed on the navigation system screen with the estimated driving range shown on the meter. Determine if it will be necessary to charge the Li-ion battery before or while driving to your planned destination**
- **If it is necessary to charge the Li-ion battery, use the navigation system to search for available charging stations on your planned driving route.**

DRIVING THE VEHICLE



1. Depress the brake pedal ①.
2. Release the parking brake ②.
3. Shift the transmission to D (Drive) position ③.
4. Confirm that the vehicle is in the D (Drive) position. The shift indicator on the shift button illuminates and "D" is displayed on the vehicle information display.
5. Release the brake pedal.
6. Depress the accelerator pedal and start driving.

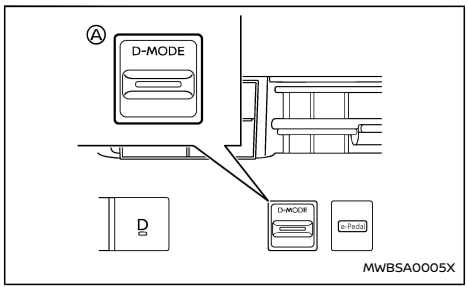
There are the following gear positions for driving the vehicle forward:

- Use the D (Drive) position for optimum driving performance.
- Use the paddle selector to increase the regenerative braking intensity for downhill driving. More regenerative brake is applied when the accelerator pedal is released in comparison to the D (Drive) position.

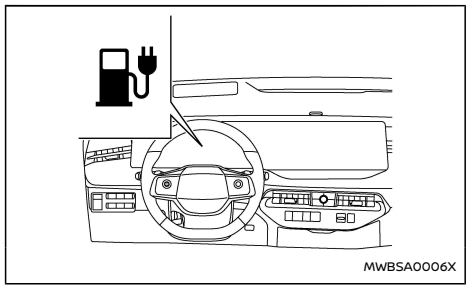
NOTE:

The regenerative brake converts the vehicle's forward motion to electric power to help slow the vehicle.

See "Driving the vehicle" (P.265).

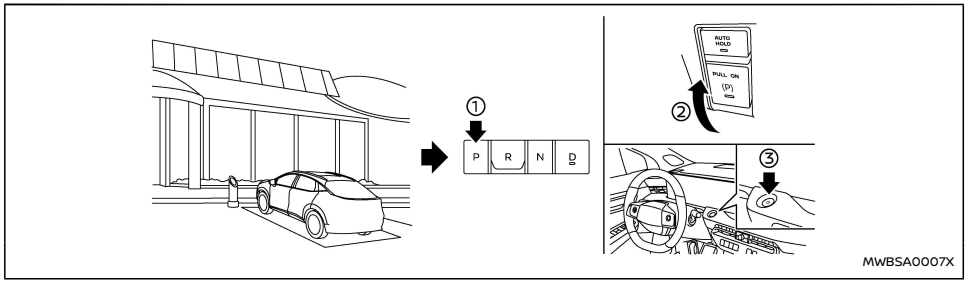


Use the Drive Mode Selector Ⓐ located on the instrument panel to select the ECO mode. Use the ECO mode for maximum driving range and for city driving. The ECO mode helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the STANDARD mode. See "[ECO] mode" (P.277).



If the low battery charge warning light (yellow) illuminates, the Li-ion battery charge is too low for travel. See "Low battery charge warning light" (P.121). Charge the Li-ion battery as soon as possible.

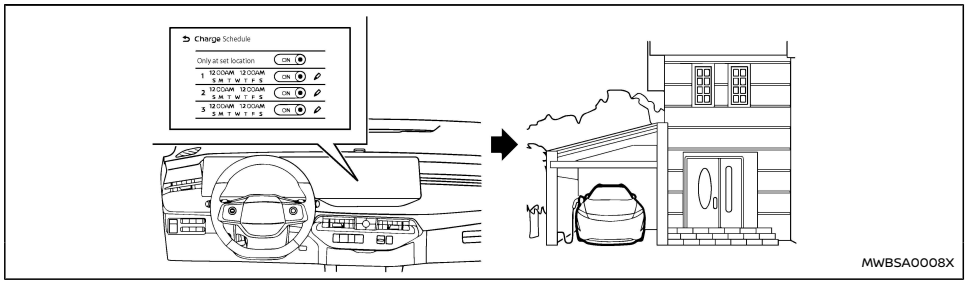
Parking the vehicle



1. When stopping the vehicle, push the shift button "P" ① to shift to the P (Park) position while depressing the brake pedal. Confirm that the vehicle is in the P (Park) position by checking the shift indicator on the shift button or on the vehicle information display.
2. Apply the parking brake ②.
3. Push the power switch ③ to the OFF position.
4. If a parking lot is equipped with charging facilities, charge the Li-ion battery as necessary. See "How to charge the Li-ion battery" (P.38).

AT HOME AFTER DRIVING

Charging the Li-ion battery



Example

When you return home, connect the vehicle to the charging station installed at your home using the normal charge connector.

Charge the vehicle or set the [Charge Schedule] function on the touch screen display to have the vehicle charge at a specific time. See "Charge Schedule" (P.52).

1. When the power switch is placed in the OFF position, the settings of the [Charge Schedule] and the [Climate Schedule] functions are displayed on the touch screen display.
2. Open the charge port lid and charge port cap. See "Charge port lid" (P.211).
3. Connect the charge connector to the vehicle.
4. When a charging timer is turned on, charging starts at the set time. When a charging timer is not turned on, charging starts immediately.

NOTE:

NISSAN recommends that you connect your NISSAN EVSE (where fitted) or NISSAN Mode 3 cable (where fitted) to your vehicle when getting out of the vehicle, even if it is not going to be used. By doing this, you can get the most out of the [Climate Schedule] functions the next time you use the vehicle.

NISSANCONNECT SERVICES

NissanConnect Services provides a variety of EV (Electric Vehicle) system related remote features. The followings are some examples:

- Remote activation of Li-ion battery charging
- Remote climate control
- Checking Li-ion battery charge status

For more information about NissanConnect Services, refer to the NissanConnect Services app* and You+Nissan Owners' Portal.

*: The NissanConnect Services app will be renamed to MyNISSAN in the future.

EFFICIENT USE OF YOUR VEHICLE

DRIVING RANGE

The distance you can drive the vehicle (driving range) varies considerably depending upon available charge, weather, temperature, usage, battery age, topography, and driving style.

IMPROVE DRIVING RANGE

The available driving range depends on a number of factors.

Actual driving range will vary depending upon:

- Speed
- Vehicle load
- Electrical load from vehicle accessories
- Traffic and road conditions

NISSAN recommends the following driving habits to help maximise driving range:

Before driving:

- Follow recommended scheduled maintenance.
- Keep tyres inflated to the correct pressure.
- Keep wheels correctly aligned.
- Pre-heat or pre-cool the interior cabin while the vehicle is charging.
- Remove unnecessary cargo from the vehicle.

While driving:

- Drive in [ECO] mode
  - The [ECO] mode helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the [STANDARD] mode.
- Drive at a constant speed. Maintain cruising speeds with a constant accelerator pedal position or by using the cruise control system when appropriate.
- Accelerate slowly and smoothly. Gently depress and release the accelerator pedal for acceleration and deceleration.
- Drive at moderate speeds on the highway.
- Avoid frequent stopping and braking. Maintain a safe distance behind other vehicles.
- Turn off the climate control system when it is not needed.
- Select a moderate temperature setting for heating or cooling to help reduce power consumption.
- In cold weather, use the heated seats and the heated steering wheel (where fitted) as a substitute for climate control system to help reduce power consumption.
- Use the climate control system to control interior temperature and close windows to reduce drag when cruising at highway speed.
- Release the accelerator pedal to slow down and do not apply the brakes when traffic and road conditions allow.
  - This vehicle is equipped with a regenerative brake system. The primary purpose of the regenerative brake system is to provide some power to recharge the Li-ion battery and extend driving range. A secondary benefit is the “engine braking” effect that operates based on Li-ion battery conditions. In the D (Drive) position, when the accelerator is released, the regenerative brake system provides some deceleration and some power to the Li-ion battery.
- The vehicle driving range may be substantially reduced in extremely cold conditions (for example -20°C (-4°F)).
- Using the climate control system to heat the cabin when the outside temperature is below 0°C (32°F) uses more electricity and affects the vehicle driving range more than when using the heater when the temperature is above 0°C (32°F).

LI-ION BATTERY LIFE

The Li-ion battery’s ability to hold a charge, like all batteries, decreases with battery age and usage which results in decreased driving range when compared to the driving range when the vehicle was new. This is normal and expected, and does not indicate a malfunction of the vehicle or Li-ion battery.

The Li-ion battery’s ability to hold a charge can be affected by how you drive the vehicle, store the vehicle, how you charge the Li-ion battery and Li-ion battery temperature during vehicle operation and charging.

To maximise the battery’s useful life, use the following driving and charging habits where possible.

- Avoid exposing a vehicle to extreme ambient temperatures for extended periods.
- Avoid storing a vehicle in temperatures below −25°C (−13°F) for over 7 days.

EV (Electric Vehicle) UNIQUE INFORMATION

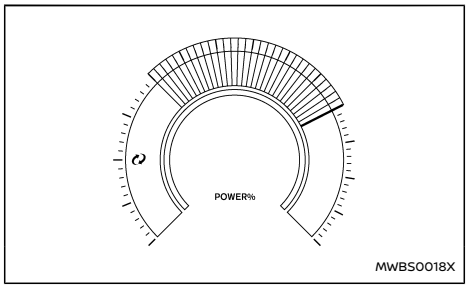
- Avoid leaving your vehicle for over 14 days where the Li-ion battery available charge gauge reaches a zero or near zero (state of charge).
- Allow the vehicle and Li-ion battery to cool down after use before charging.
- Park/store your vehicle in cool locations out of direct sunlight and away from heat sources.
- Avoid sustained high battery temperatures (caused, for example, by exposure to very high ambient temperatures or extending highway driving with multiple fast charges).
- Use the normal charging method to charge the Li-ion battery and minimise the use of the DC fast charger.
- Drive moderately.
- Use the [ECO] mode.
- Do not operate the charging timer repeatedly while the charge connector is connected to the vehicle after the Li-ion battery charging is completed. Doing so may discharge the 12-volt battery.
- If the vehicle will not be used for an extended period of time, charge the Li-ion battery once every 3 months.
- The power of the Li-ion battery can be checked on the Li-ion battery available charge gauge. See "Li-ion battery available charge gauge" (P.112).

METERS AND INDICATORS

Various meters, gauges and indicators related to the EV (Electric Vehicle) functions are displayed in the vehicle information display.

Vehicle information display

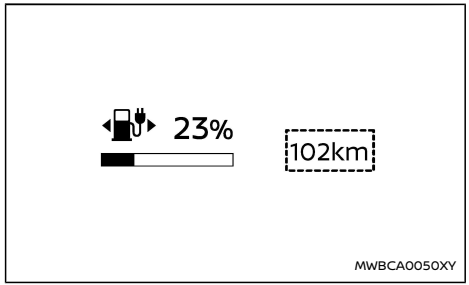
Power meter:



This meter displays the actual traction motor power consumption and the regenerative brake power provided to the Li-ion battery.

For additional information, see "Power meter" (P.112).

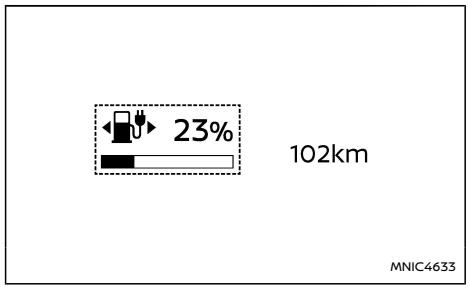
Estimated driving range:



This indicator displays the estimated driving range (calculated based on a programme that accounts for current driving style and operational conditions) that can be driven before recharging is necessary.

For additional information, see "Estimated driving range" (P.113).

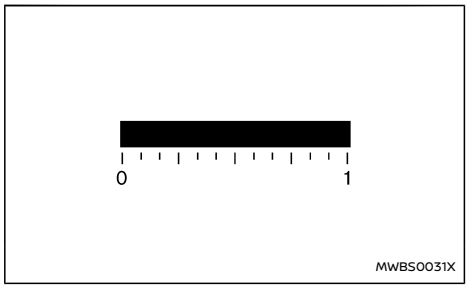
Li-ion battery available charge gauge:



This indicator displays the available Li-ion battery power remaining to drive the vehicle.

For additional information, see "Li-ion battery available charge gauge" (P.112).

Li-ion battery capacity gauge:



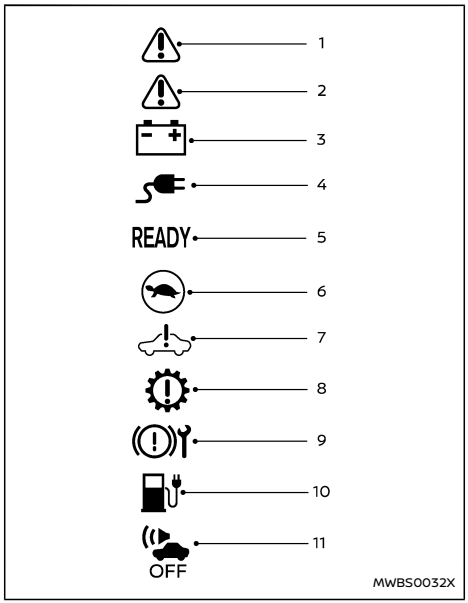
The gauge displays the available capacity of the Li-ion battery remaining to store power.

To check the battery capacity, select it in the trip computer menu. For additional information, see "8. [Battery Capacity]" (P.151).

Other information:

The other electric vehicle unique information is displayed on the trip computer as well. For additional information, see "Trip computer" (P.148).

Warning and indicator lights

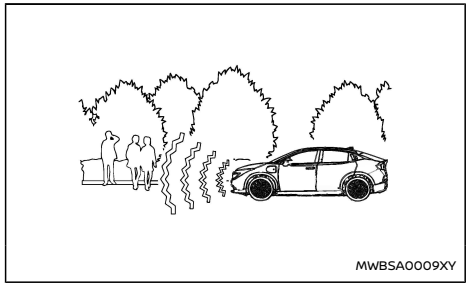


The EV system uses the following EV specific warning and indicator lights, located in the meter panel.

1. Master warning light (red)
2. Master warning light (yellow)
3. 12-volt battery charge warning light
4. Plug in indicator light
5. READY to drive indicator light
6. Power limitation indicator light
7. EV system warning light
8. Electric shift control system warning light
9. Brake system warning light (yellow)
10. Low battery charge warning light
11. Approaching Vehicle Sound for Pedestrians (VSP) system off indicator light

For additional information, see "Warning lights, indicator lights and audible reminders" (P.115).

APPROACHING VEHICLE SOUND FOR PEDESTRIANS (VSP) SYSTEM



The Approaching Vehicle Sound for Pedestrians (VSP) system is a function that uses sound to alert pedestrians of the presence of the vehicle when it is being driven at a low speed.

When the vehicle starts to move, it produces a sound.

The sound stops when the vehicle speed is more than approximately 30 km/h (19 MPH) while accelerating.

The sound starts when the vehicle speed is less than approximately 25 km/h (16 MPH) while decelerating.

The sound stops when the vehicle stops.

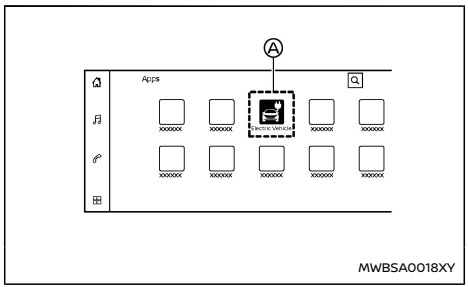
The sound does not stop with the vehicle in the R (Reverse) position even if the vehicle stops.

⚠ WARNING

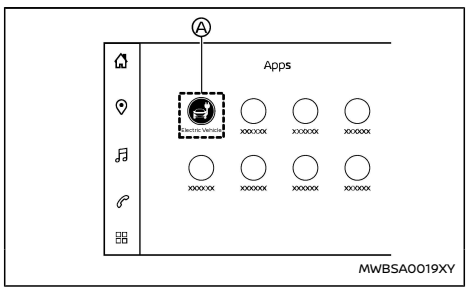
- **If the sound from the VSP system is not heard while driving, stop the vehicle in a safe and quiet location. Open a window and then place the vehicle in the R (Reverse) position with the brake pedal firmly depressed. Check that the operating sound can be heard from the front of the vehicle.**
- **If the sound cannot be heard when the VSP system is operational, or the VSP OFF indicator light is illuminated, immediately contact a NISSAN certified electric vehicle dealer for inspection.**

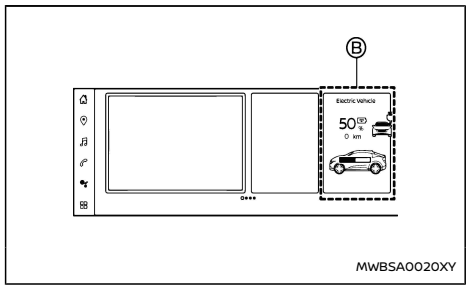
ELECTRIC VEHICLE SCREEN

Type A:



Type B:





Electric Vehicle widget

In the [Electric Vehicle] screen, you can easily access the EV related functions, services or information. The Electric Vehicle display can be displayed on the touch screen display.

How to show the [Electrical Vehicle] screen:

(Type A)

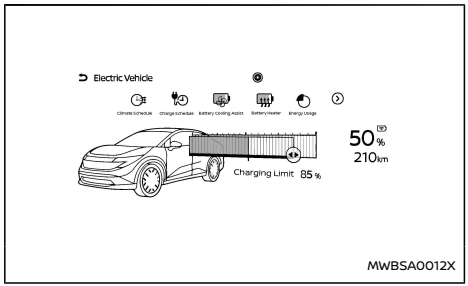
1. Touch the " ⌂ " key on the launch bar.
2. Touch the " ⊞ " and then touch [Electric Vehicle] icon Ⓐ.

or

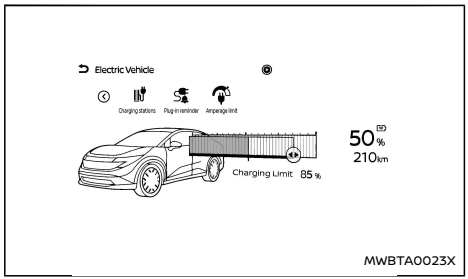
(Type B)

1. Touch the " ⌂ " key on the launch bar.
2. Swipe through the widgets on screen and touch "Electric Vehicle" widget Ⓑ.

Refer to the separate NissanConnect® Owner's Manual for information on how to customise your home menu screen.



Electric Vehicle screen

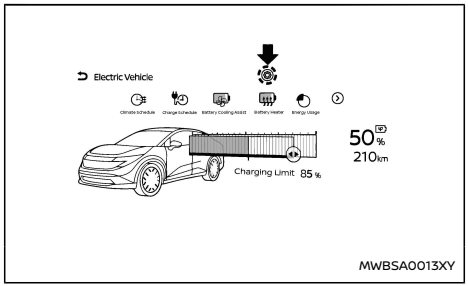


The [Electric Vehicle] screen allows you to use the following features:

Available items may vary depending on models, specifications, software versions and conditions.

- State of charge gauge, driving range, charge remaining time (while charging)
- [Charging limit]
- [Climate Schedule]
- [Charge Schedule]
- [Battery Cooling Assist]
- [Battery Heater]
- [Energy Usage]
- [Charging stations]
- [Plug-in Reminder]
- [Amperage Limit]
- [Charge Information]
- [Battery Temperature Management Indicator]

EV NOTIFICATIONS SETTINGS



Electric Vehicle screen

Touch the " ⚙ " key, located on top of the Electric Vehicle screen, to display [EV Notifications] settings.

The [EV Notifications] settings allow you to use the following items:

Available setting items may vary depending on models, specifications, software versions and conditions.

- [Notifications]
- [Charging Limit]
- [Charge Schedule]
- [Climate Schedule]
- [Low Battery Temperature]
- [Battery Temperature Management]
- [Low Battery]

Refer to the separate NissanConnect® Owner's Manual.

MEMO

CH Charging

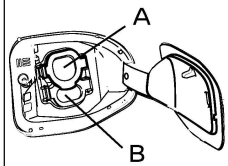
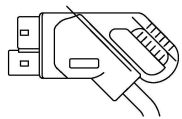
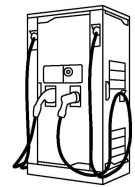
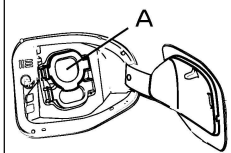
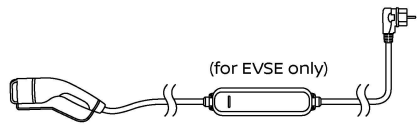
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TYPES OF CHARGING

Type of charging	Charge port	Charge connector	Control box	Power	Instructions
DC fast charge		 DC fast charge connector (CCS2)			Use a public charging station conforming to Combined Charging System (CCS) standard. Open charge port caps A and B and insert DC fast charge connector.
Normal charge*1		 Normal charge connector (Type 2)		Domestic plug  Electrical outlet	Use the NISSAN genuine EVSE (Electric Vehicle Supply Equipment) (if so equipped). Use only a dedicated socket outlet which is installed by an Electro-Mobility Operator (EMO). Open charge port cap A and insert normal charge connector.

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Example

*1: Normal charge using the NISSAN EVSE (where fitted) is shown as an example.

For normal charge without using the NISSAN EVSE, refer to “Normal charge” (P.41).

PRECAUTIONS ON CHARGING

⚠ WARNING

- If you use any medical electric devices, such as an implantable cardiac pacemaker or an implantable cardiovascular defibrillator, check with the electric medical device manufacturer concerning the effects that charging may have on implanted devices before starting the charge operation. Charging may affect the operation.
- Make sure there is no water or foreign material in the charge port, charge connector or electrical plug, and that they are not damaged or affected by rust or corrosion. If any of these conditions are noticeable, do not charge the Li-ion battery. This may result in a short circuit or electric shock and could cause a fire which may result in serious personal injury or death.
- To avoid serious personal injury or death when the Li-ion battery is charging, be aware of the following precautions:
  - Do not touch the metal contacts of the charge port, charge connector or electrical plug.
  - Do not touch the vehicle and the charging equipment (charging station, Mode 3 cable (where fitted) or EVSE (Electric Vehicle Supply Equipment) when there is lightning. This may cause an electrical shock.
  - Do not pull, twist, bend, step on or drag the cable.
- Make sure the charge connector is removed from the charge port before starting your vehicle. If the charge connector is only partially engaged and the connector latch is unlocked, it is possible to place the EV in the READY to drive position.
- Do not disassemble or modify the charge port or the EVSE (where fitted). This may cause a fire or an electric shock which may result in serious personal injury or death.
- If you notice an unusual odour or smoke coming from the vehicle, stop charging immediately.
- Be careful not to allow your hands, hair, jewellery or clothing to come into contact with, or get caught in, the cooling fan. The cooling fan can start at any time during charging.
- It is recommended that you do not use extension cords or adapters unless they are genuine NISSAN parts.
- Do not use the Genuine NISSAN Adapter (where fitted) or exchangeable plug (where fitted) with any devices except the Genuine NISSAN EVSE.
- Do not allow an unattended child to handle or use this product.
- Use the EVSE with outlet and wiring installed according to the regulations/standards.
- For model with EVSE, after using your EVSE and if you place it in the vehicle, secure it firmly with the storage in the luggage compartment. See "NISSAN Mode 3 cable (where fitted) storage" (P.184). Otherwise, it may become a projectile and cause a personal injury during sudden braking or in a collision.
- NISSAN highly recommends that you charge your electric vehicle at home using a NISSAN recommended dedicated domestic charging station. A IEC61851-1 compliant domestic charging station needs to be installed on a dedicated AC 220-230 V circuit by a professional electrician, certified by a NISSAN recommended Electro-Mobility Operator (EMO).

CAUTION

- To prevent damage to the charging equipment:
  - Do not close the charge port lid without closing the charge port cap.
  - Do not subject the charging equipment to impact.
  - Do not pull or twist the charge cable.
- Make sure to close the charge port lid with the charge port cap closed when charging is finished. If the charge port lid is closed when the charge port cap is open, water or foreign materials may enter the charge port.
- Do not charge when a vehicle body cover is in use. This may cause damage to the charge connector.
- Do not attempt to perform a jump start on the 12-volt battery at the same time when

the Li-ion battery is being charged. Doing so may damage the vehicle or charging equipment and could cause an injury. See "Jump starting" (P.422).

- **Do not insert any object other than the charge connector or V2L connector into the charge port. Doing so may cause damage to the charge port.**
- **The outlet and circuit should be earthed and protected by a dedicated circuit breaker or fuse to protect against electrical hazard. The circuit may cause adverse interference on MCB (Molded Circuit Board) and household electrical appliances such as televisions and audio systems. A licensed professional electrician should install a dedicated circuit if one is not already available.**

NOTE:

- **It may take more time to charge the Li-ion battery using the DC fast charger if the vehicle is parked in a cold location for a long time. It may take more time to charge the Li-ion battery using the DC fast charger if the temperature of the Li-ion battery is high or low.**
- **If the vehicle will not be used for an extended period of time, charge the Li-ion battery once every 3 months.**
- **The power switch can be placed in the ON position and the climate control can be used while the Li-ion battery is charging. However, because these operations consume Li-ion battery power, it will take longer for the Li-ion battery to become fully charged. Place the power switch in the OFF position to help reduce Li-ion battery charge time.**
- **If electrical power is interrupted while charging, charging restarts automatically when the electrical power is restored.**
- **It is recommended to keep the charge cable connected to save Li-ion battery power, when the heater and air conditioner are operating with remote operation (when not waiting for the charging timer).**
- **If the charge port is frozen, melt the ice. After the ice has melted, charge the Li-ion battery. Forcing the charge connector to connect may cause a malfunction.**
- **If foreign materials have entered the charge connector or charge port and it is not possible to connect it, do not attempt to force the connection. Contact a NISSAN certified electric vehicle dealer. Forcing the charge connector to connect may cause damage to the charging equipment and vehicle.**
- **There is a hole on the charge port for water drainage. If the water drainage hole becomes blocked, or if water gets trapped inside the charge port, do not charge. Contact a NISSAN certified electric vehicle dealer.**
- **The cooling fan and water pump may start running during charging. This is not a malfunction.**

This vehicle is an electric vehicle and it requires electricity to operate. The Li-ion battery is the only source of power to operate the vehicle.

It is important to conserve power and plan your charging needs when you drive to avoid completely discharging the Li-ion battery.

There are the following methods of charging the Li-ion battery:

- DC fast charge
- Normal charge

DC FAST CHARGE

Even when charging the Li-ion battery using a charger capable of more than the vehicle's maximum charging power, the maximum power from the charger will be limited to vehicle's maximum charging power, it will be changed based on the vehicle status.

It may take more time to charge the Li-ion battery using the DC fast charger if the temperature of the Li-ion battery is high or low.

⚠ WARNING

- **Always use a fast charger with Combined Charging System (CCS) standard that is compatible with this vehicle. Using an incompatible fast charger may cause a fire or malfunction resulting in serious personal injury or death.**
- **Before starting the DC fast charge, carefully read the instructions provided on the DC fast charger and make sure the fast charge connector is properly connected and locked to the vehicle. Failure to con-**

nect or operate the fast charger correctly could cause damage to the vehicle or the charging equipment.

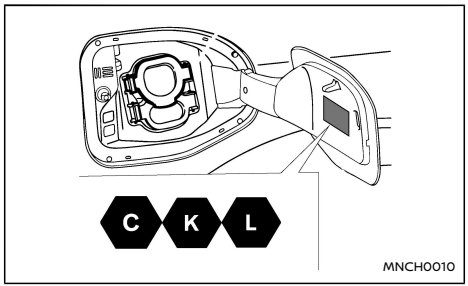
CAUTION

- **The electric vehicle is equipped with charging safeguards to protect the battery if it reaches a certain temperature level leading to a longer charging time.**
- **Charge time depends on charging conditions, including charger type and condition, battery temperature, Li-ion battery temperature control system activation status and ambient temperature.**
- **Time taken for successive fast charges will be longer if the battery temperature activates the battery safeguarding technology.**

NOTE:

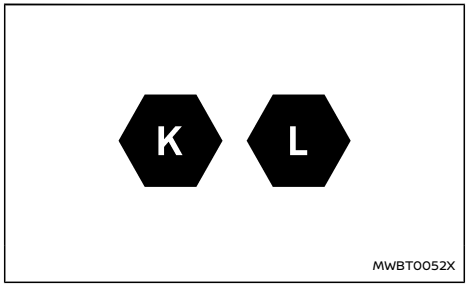
- **When the Li-ion battery available charge and Li-ion battery capacity are shown on the DC fast charger unit, the readings may differ from the actual Li-ion battery available charge/capacity.**
- **Depending on the fast chargers, the operation procedure may differ from the one shown in this manual. Follow the instructions provided on the DC fast charger.**

Charging type identifier (where fitted)



The vehicle charge port (back side of the lid) and/or the charge connector may have an identifier which specifies the type of charging.

For the DC fast charging use the charge connector with the following identifier.



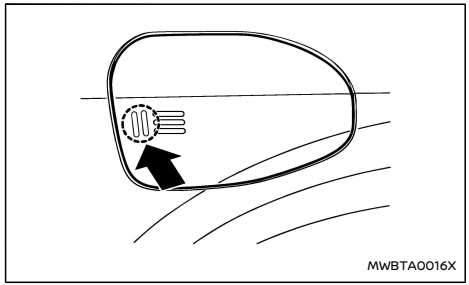
K: CCS2 (50 - 500 V)

L: CCS2 (220 - 920 V)

A connection cannot be made if the charging connector has a different identifier.

How to start DC fast charge

1. Park the vehicle in a position that allows sufficient margin for the charge cable length.
2. Push the park button to place the vehicle in the P (Park) position, and apply the parking brake.
3. Place the power switch in the OFF position.
4. Open the charge port lid. For additional information, see (P.211).



5. Follow the instructions on the DC fast charge equipment, insert the charge connector straight all the way in, and hold it in place with your hand.

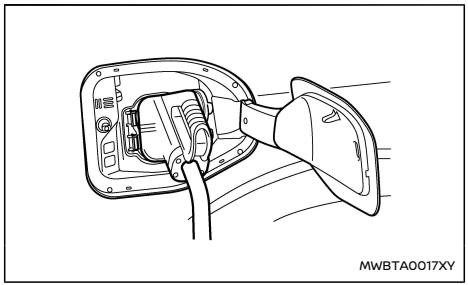
   Connect the charge connector to the charge

port. If it is properly connected, a beep will sound once.

NOTE:
When the charge connector is properly and fully inserted, the beep sounds only once.
If the charge connector is not properly inserted (half-latched), the beep sounds continuously for 30 seconds and the charging status indicator light will flash in red. If this happens, hold the charge connector by your hands and move it so that it is directly facing the charge port in a straight line.
Once the connector is properly connected the beeps and red flashing will stop.
If the charge connector cannot be removed from the charge port, see ("If the charge connector cannot be unlocked" (P.51)).

CAUTION

Be sure to insert the charge connector straight into the fast charge port all the way in. Failure to do so may result in the Li-ion battery not charging or could cause damage to the charging equipment.


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6. Follow the instructions on the DC fast charge equipment to start charging. When the equipment is properly installed and ready to charge, a beep sounds twice and the charging status indicator light will operate. See (P."Charging status indicator light" (P.55)).

Charging ends in the following situations:

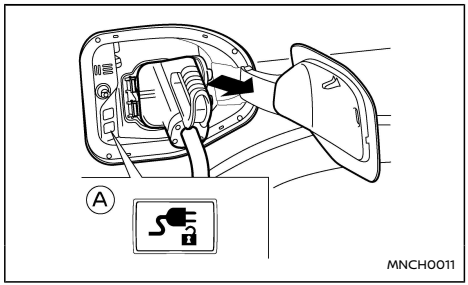
- When charging is complete which is 100% state of charge unless a lower charge limit has been set.
- When the possible charge time set for the DC fast charger is exceeded.

NOTE:
- **Park the vehicle in a position that allows sufficient margin for the charge cable length, as the charge connector may not be connected properly when the charge cable is pulled in one direction.**
- **If the charge connector appears to be stuck, see (P."If the charge connector cannot be unlocked" (P.51)).**
- **Charging may automatically stop even if it is not completed.**
- **If charging stops mid-charge, you can re-start charging after removing and reconnecting the charge connector, then pushing the start button on the DC fast charger station again.**
- **The charge connector is locked to the charge port after it is connected and cannot be disconnected. Follow the instructions on the DC fast charge equipment to stop charging. Confirm charging is stopped by looking at the charging status indicator light on the instrument panel. The charge connector can be disconnected from the vehicle when charging has stopped.**
- **When fast charging, the Li-ion battery charging rate is slower as the percentage of available battery charge increases.**
- **When fast charging, the Li-ion battery charging rate is slower when the Li-ion battery temperature is extremely high or low.**

How to stop DC fast charge

1. Follow the instruction on the DC fast charge equipment to stop charging or push the charge connector unlock switch Ⓐ in the charge port after unlocking the driver's door or approaching the vehicle with the Intelligent Key.
2. Confirm charging is stopped by looking at the charging status indicator light on the instrument panel. The charge connector can be

disconnected from the vehicle when charging is stopped.



3. Remove the charge connector from the vehicle and store it away properly.

NOTE:

- **If the charge connector appears to be stuck, (see "If the charge connector cannot be unlocked" (P.51)).**
- **The charge connector will be locked after it is connected. To unlock the charge connector without starting to charge, push the charge connector unlock switch in the charge port after unlocking the driver's door or approaching the vehicle with the Intelligent Key.**
- **When connecting or removing the charge connector, the charge port light will illuminate for approximately 30 seconds. (See "Charge port light" (P.212).)**

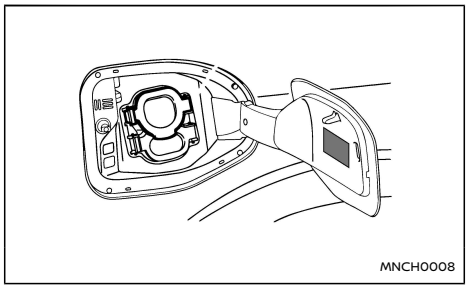
  When you walk away from the vehicle with the Intelligent Key, the charge port light will go off.

4. Close the charge port cap.
5. Close the charge port lid.

CAUTION

As the DC fast charge connector is heavier in comparison to the other charge connectors, allowing it to drop could cause damage to the vehicle or charge connector or personal injury. When removing the connector, be sure to pull it out straight and as carefully as possible.

NORMAL CHARGE



Normal charge can be performed either at home or at a public charging facility. There are two methods for performing normal charge. You can either connect the vehicle and the power supply to the EVSE (Electric Vehicle Supply Equipment) (where fitted), or connect the vehicle to a normal charger. NISSAN recommends using normal charge for usual charging of the vehicle. Use of the DC fast charge should be minimised in order to prolong Li-ion battery life.

⚠ WARNING

- **In order to avoid an electric shock or fire due to a short circuit, connect to GFI (Ground Fault Interrupter) circuit breaker and use a waterproof electrical ground socket.**
- **Do not use an extension cable or electrical plug adapter. If the electrical socket outlet generates an abnormal amount of heat, this may cause a thermal incident.**

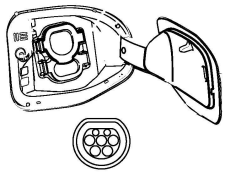
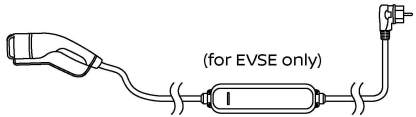
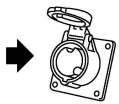
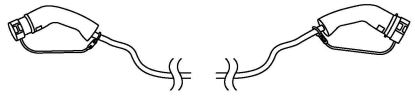
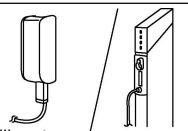
CAUTION

Only charge using a dedicated electrical socket outlet (for example do not use an electric generator). Failure to do so may cause charging to fail and could cause damage to the Li-ion battery charging equipment due to power surges.

NOTE:

- **Your NISSAN certified electric vehicle dealer can advise regarding availability of charge cables in your country.**
- **NISSAN highly recommends dedicated socket outlet for NISSAN genuine EVSE is installed on a dedicated circuit in your home by a licensed professional electrician, who is certified by a NISSAN recommended Electro-Mobility Operator (EMO).**

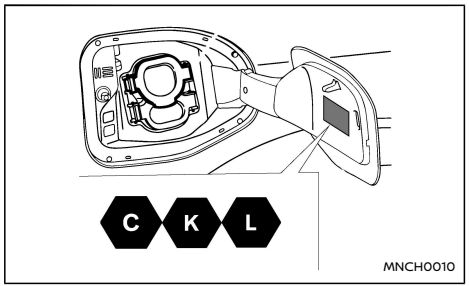
- **Normal charging is performed using a dedicated electrical socket outlet using the EVSE provided with the vehicle.**
- **The NISSAN genuine EVSE (where fitted) communicates with the vehicle before Li-ion charging starts. If this communication does not occur because other equipment is used, the Li-ion battery will not charge.**
- **Immediate charge and charging timer can be performed in the normal charge mode. See “Charging methods“ (P.51).**

Type of charging	Charge port	Charge connector	Control box	Power	Instructions
Normal charge (Type 2)					Use the NISSAN genuine EVSE (Electric Vehicle Supply Equipment) (if so equipped). Use a dedicated socket outlet which is installed by an Electro-Mobility Operator (EMO).
					Use NISSAN Mode3 cable (If so equipped) and normal charging station with EV socket-outlet.
					Wallbox type: Use Wallbox type (Mode3 Case B or Case C) that is installed in your home, office, as public charger, etc. Use only a dedicated normal charger which is installed by an Electro-Mobility Operator (EMO). Station type: Use a charging cable of station type normal charger.

MNCH0007

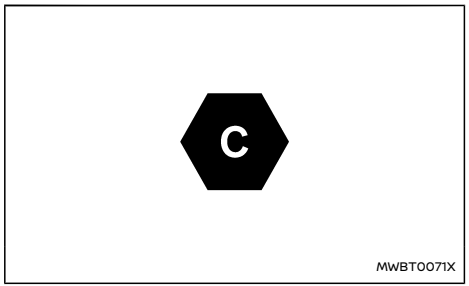
Example

Charging type identifier (where fitted)



The vehicle charge port (back side of the lid) and/or the charge connector may have an identifier which specifies the type of charging.

For normal charge use the charge connector with the following identifier.

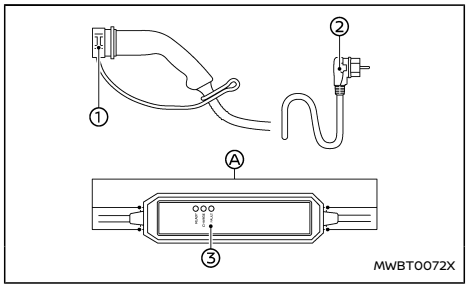


C: Type 2

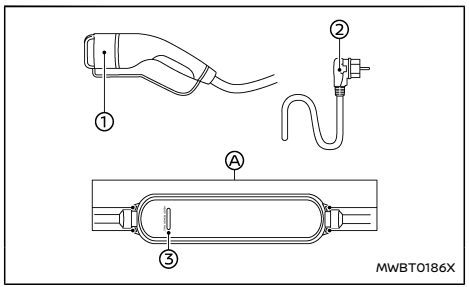
C: AC charging Type 2

A connection cannot be made if the charging connector has a different identifier.

NISSAN EVSE (where fitted)



NISSAN EVSE (Type A)



NISSAN EVSE (Type B)

① Cap (where fitted)
② Domestic plug
③ Control box* (indicator lights)

*: You can pass a rope through the hole Ⓐ on the control box in order to hang it up while the Li-ion battery is charging.

The NISSAN EVSE with domestic plug provides 8–10A* AC power (3–6 kW max) to charge the Li-ion battery.

*: Max current rating depends on the countries.

Your NISSAN certified electric vehicle dealer can provide full details of our partner Electro-Mobility Operator (EMO) in your country who can give you guidance on the best way to charge your vehicle.

⚠ WARNING

- **Do not use any electrical outlet which does not comply with the latest National Regulations to charge your vehicle.**
  - **— If your house's electrical system is old or has not been inspected recently we strongly recommend that you get your wiring and outlet inspected by a qualified electrician before charging.**
- **Do not use extension cables because most extension cables cannot carry the required current and might get hot.**
- **Do not use adapters as the NISSAN EVSE is not designed to be used with adapters and might get hot.**
- **Ensure that your vehicle is charged on a dedicated circuit.**
  - **— A dedicated circuit is a line from the circuit breaker with no other electrical outlets.**
  - **— Most detached garages will be supplied by a dedicated circuit but often**

outlets inside the house are on a ring main.

— Ring main outlets can become overloaded from other electrical devices that are plugged in at the same time as the vehicle which will trip your electricity supply.

- **If there are any signs of wear, damage or discoloration, do not use the outlet for charging.**
- **Inspect the outlet regularly and replace it if there are any signs of wear, damage or discoloration.**
- **If you have any doubt regarding the capacity of the outlet or wiring, do not charge your vehicle until you have confirmed the outlet's suitability by consulting your Electro-Mobility Operator (EMO) or a qualified electrician.**
- **Do not disassemble, repair or modify the EVSE.**
- **Do not use an extension cord or adapter for charging.**
- **Do not touch the plug with wet hands.**
- **Do not touch the electrical terminals of the EVSE.**
- **Do not touch a vehicle or the EVSE if you hear thunder.**
- **If you have a pacemaker or implantable cardioverter-defibrillator (ICD) implant, keep a distance of at least 15 cm (6 in) between you and the EVSE control box.**
- **Do not allow a child to handle or use the EVSE without adult supervision.**

Precautions on handling the EVSE:

- Do not pull, twist, bend, step on, or drag the cable and/or cord.
- Do not wind the cable and/or cord around objects such as the normal charge connector and/or control box.
- Hold the main body of the domestic plug and securely insert it straight up as far as the base.
- Do not pull on the cord to disconnect the domestic plug.
- Do not use the EVSE when there is an abnormality or problem, such as a deep cut, crack, or damage, or if the domestic plug is corroded.
- If charging stops when you move the domestic plug or cord, this may be caused by a line breakage. When this happens, immediately stop using the EVSE.
- Immediately stop using the EVSE if you notice an abnormality or problem such as a strange smell, smoke, or unusual noises being emitted from the EVSE while charging.

Precautions on the electrical outlet:

- Use a grounded electrical outlet that complies with standards and regulations in your country or area.
- Do not use an electrical outlet if the domestic plug is loose when inserted in the outlet or if there is damage or corrosion on the outlet side.
- Ensure electrical supply is AC 220–240 volt, 50 or 60 Hz.
- Before you connect the EVSE, be sure to check the rated current shown on the EVSE to ensure that the electrical outlet and circuit have enough current capacity to charge your vehicle safely.
- The EVSE draws a constant 10-16A*, you must ensure that the electrical outlet and household wiring used for charging are rated at this level and comply with the latest electrical wiring standard and regulations in your country or area.

  *: Max current rating depends on the country.
- If in any doubt about the electrical outlet and circuit, consult a qualified electrician.

CAUTION

Be sure to connect the EVSE to an electrical outlet with the rated voltage only.

Precautions on storing the EVSE:

- Do not store the EVSE in a place exposed to direct sunlight.
- Do not store the EVSE in a place exposed to wind and rain.
- Be sure to store the EVSE with the cap (where fitted) on to keep the terminal part of the normal charge connector away from dirt and dust.
- Do not store the EVSE with the cable and/ or cord wound around the control box.

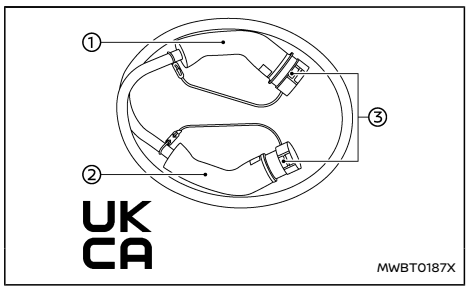
- Do not store the EVSE in a condition in which the cable and/or cord are twisted.
- The control box will become hot while the EVSE is charging. This is not a malfunction.

NISSAN Mode 3 cable (where fitted)

NISSAN Mode 3 cable can be used with normal charging station with electric vehicle socket-outlet. Your NISSAN Electric Vehicle dealer can advise regarding the availability of this cable in your country. The NISSAN Mode 3 cable is a dedicated Electric Vehicle charging cable and can be used with compatible public normal charging stations and some versions of the home charging units.

⚠ WARNING

Before starting the charge, carefully read the instructions provided on the normal charging station.



NISSAN Mode 3 cable (example)

① Type 2 plug (with male terminal)
Connect the plug to a normal charging station socket-outlet.

② Normal charge connector (with female terminal)
Connect the normal charge connector to the normal charge port.

③ Cap (where fitted)

NISSAN Mode 3 cable specification

- Type 2 plug according to IEC62196-2
- Type 2 normal charge connector according to IEC62196-2
  - Current rating: 32A
  - Voltage rating: 250V
  - Protection degree (IP): IP24 not mated/IP44 mated
  - Mode 3 cable comply with UKCA marking

The NISSAN Mode 3 cable does not need the control box on the cable because safety communication is managed directly between the normal charging station and the vehicle.

⚠ WARNING

- **Do not disassemble, repair, or modify NISSAN Mode 3 cable.**
- **Do not touch the electrical terminals of NISSAN Mode 3 cable.**
- **Do not allow a child to handle or use the NISSAN Mode 3 cable without adult supervision.**

Precautions on handling the NISSAN Mode 3 cable:

Do not pull, twist, bend, step on, or drag the cable. In the event of an abnormality or problem:

- Do not use NISSAN Mode 3 cable when there is an abnormality or problem, such as a deep cut, crack, or damage, or if the cable is corroded.
- If charging stops when you move the cable, this may be caused by a line breakage. When this happens, immediately stop using NISSAN Mode 3 cable.
- Immediately stop using NISSAN Mode 3 cable if you notice an abnormality or problem such as a strange smell, smoke, or unusual noises being emitted from NISSAN Mode 3 cable while charging.

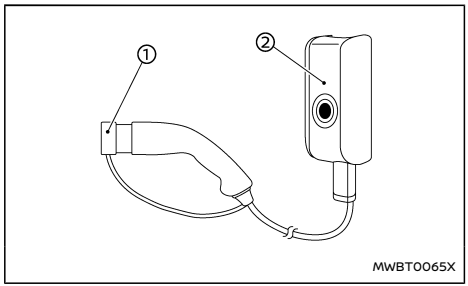
CAUTION

Handle the NISSAN Mode 3 cable carefully. For example, do not drop the NISSAN Mode 3 cable, subject it to excessive shocks, or immerse it in water.

Precautions on storing the NISSAN Mode 3 cable:

- Do not store the NISSAN Mode 3 cable in a place exposed to direct sunlight.
- Do not store the NISSAN Mode 3 cable in a place exposed to wind and rain.
- Be sure to store NISSAN Mode 3 cable with the cap (where fitted) on to keep the terminal part of the normal charge connector away from dirt and dust.
- Do not store the NISSAN Mode 3 cable in a condition in which the cable is twisted.

Normal charger (where fitted)



① Cap (where fitted)

② Normal charger (example)

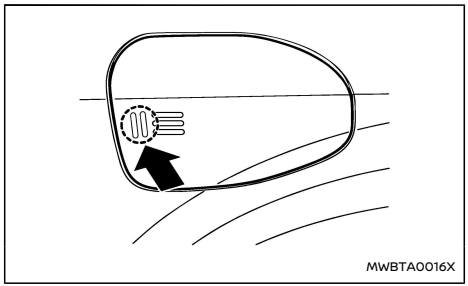
This vehicle can be charged with a compatible public normal charger (Wallbox type or Station type) or some versions of the home charging units.

⚠ WARNING

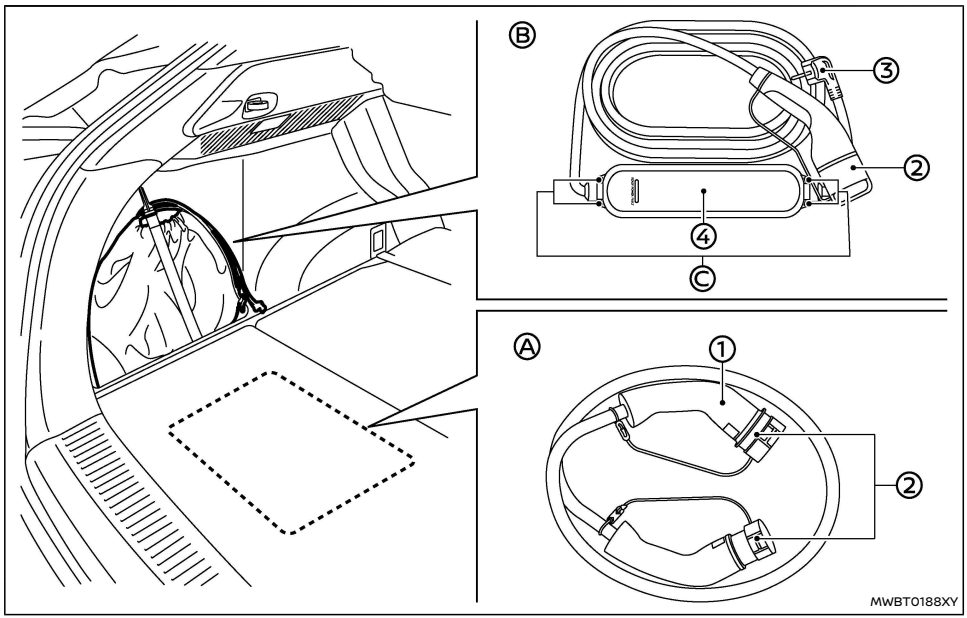
Before starting the charge with a normal charger, carefully read the instructions provided on the normal charger (Wallbox type or Station type).

How to start a normal charge

1. Push the park button to place the vehicle in the P (Park) position, and apply the parking brake.
2. Place the power switch in the OFF position.
3. The charge port lid is linked to the door locking mechanism of the vehicle as well as with the Intelligent Key approach or departure detection.



To open the charge port lid, unlock the doors (see "Intelligent Key system" (P.197)) and push the rear part of the lid as illustrated.



NISSAN Mode 3 cable/NISSAN EVSE located in the luggage compartment (example)

- Ⓐ NISSAN Mode 3 cable
- Ⓑ NISSAN EVSE (Mode 2 cable)*
- ① Plug
- ② Cap (where fitted)
- ③ Domestic plug
- ④ Control box** (indicator lights)

*: The storage location differs depending on the models.

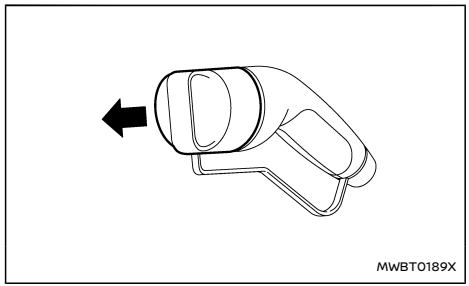
**: You can pass a rope through the holes Ⓒ on the control box in order to hang it up while the Li-ion battery is charging.

4. Model with NISSAN EVSE: Connect the domestic plug to the dedicated electrical outlet.

   If it is connected normally, the green light on the EVSE control box indicator light illuminates. See "NISSAN EVSE (Electric Vehicle Supply Equipment) control box indicator light (where fitted)" (P.55).

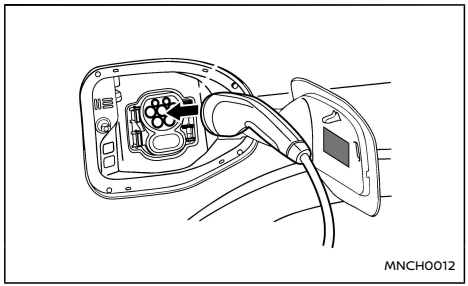
   Model with NISSAN Mode 3 cable: Remove the cap (where fitted) from the plug and connect the plug to the charging station electric vehicle socket-outlet.

5. Open the normal charge port cap. See "Charge port cap" (P.211).



Example

6. Remove the cap (where fitted) from the normal charge connector.



Example

7. Connect the charge connector to the charge port. If it is connected normally, a beep will sound once.
8. If charging has started a beep will sound twice and the charging status indicator light will operate. See "Charging status indicator light" (P.55).

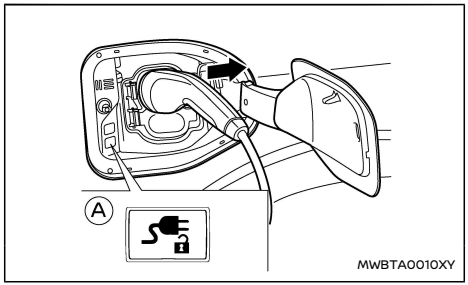
NOTE:

When the vehicle detects that the charge connector is not connected correctly, an alarm sounds for 30 seconds and the charging status indicator light flashes in red. (See "Charging status indicator light" (P.55).)

In that case, insert the connector correctly. If the indicator's flashing has been finished, disconnect it once and then reconnect it.

If the connector lock pin is activated before the charge connector has been correctly connected, you cannot connect the charge connector. In that case, push the charge connector unlock switch in the charge port to deactivate the connector lock pin.

How to stop a normal charge

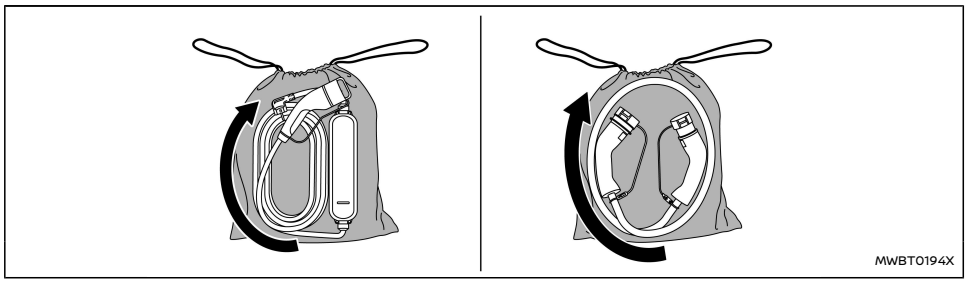


Example

1. Press the charge connector unlock switch Ⓐ in the charge port after unlocking the driver's door or approaching the vehicle with the Intelligent Key.
2. Remove the charge connector from the charge port.

   NOTE:
   When connecting or removing the charge connector, the charge port light will illuminate for approximately 30 seconds. (See "Charge port light" (P.212).)
3. Attach the cap (where fitted) to the normal charge connector.
4. Model with NISSAN EVSE: Remove the domestic plug from the dedicated electrical outlet.

   Model with NISSAN Mode 3 cable: Remove the plug from the charging station electric vehicle socket-outlet, and attach the cap (where fitted) to the plug.



NISSAN EVSE/NISSAN Mode 3 cable (Example)

5. Store the NISSAN EVSE (where fitted) or NISSAN Mode 3 cable (where fitted) in its storage bag.

   NOTE:
   To store the NISSAN EVSE or NISSAN Mode 3 cable in the bag: Wind the charge cable clockwise against the control box (where fitted) (approximately 30 cm (12 in) in diameter).

6. Close the normal charge port cap.
7. Close the charge port lid.

3-phase charge (where fitted)

If your vehicle is equipped with 3-phase On Board Charger (OBC), 3-phase charging can be performed by connecting a 3-phase charging cable and power supply. However, if you connect a single-phase charging connector, single-phase charging is performed.

NOTE:

3-phase charging can be performed in a short time compared to single-phase charging. Even if your vehicle is equipped with 3-phase On Board Charger (OBC), it depends on the type of external power supply whether 3-phase charging can be performed or not.

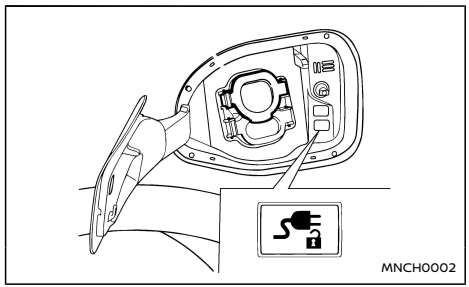
CHARGE CONNECTOR LOCK

The charge connector can be locked to the charge port.

NOTE:

- **The charge connector lock can be activated when the vehicle is in the P (Park) position and the charge connector is connected. The charge connector lock will not be activated if the charge connector is not properly connected.**
- **If the connector lock pin is activated before the charge connector has been correctly connected, you cannot connect the charge connector. In that case, push the charge connector unlock switch in the charge port to deactivate the connector lock pin.**
- **If the charge connector is not correctly connected, the charging status indicator light will flash in red and a beep will sound three times for 30 seconds. (See "Charging status indicator light" (P.55)).**

Unlock operation



To unlock the charge connector lock, push the charge connector unlock switch in the charge port after unlocking the driver's door or approaching the vehicle with the Intelligent Key.

After 30 seconds, the charge connector lock is locked again (only for normal charge).

NOTE:

- **Depending on the charging station, the lock mechanism established by local standards may not be compatible with your vehicle. It**

may not be possible for the charge connector to lock to your vehicle.

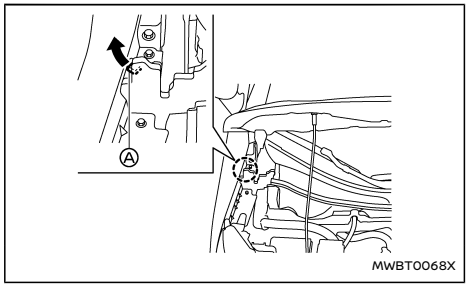
If the charge connector cannot be unlocked

If the charge connector cannot be unlocked, proceed as follows:

1. Push the LOCK button on the Intelligent Key to lock all the doors.
2. Push the UNLOCK button on the Intelligent Key to unlock all the doors.
3. Push the charge connector unlock switch in the charge port.
4. Remove the charge connector from the charge port.

If the charge connector still cannot be unlocked, please refer to the mechanical release latch.

Mechanical release latch



Left-Hand Drive (LHD) models

CAUTION

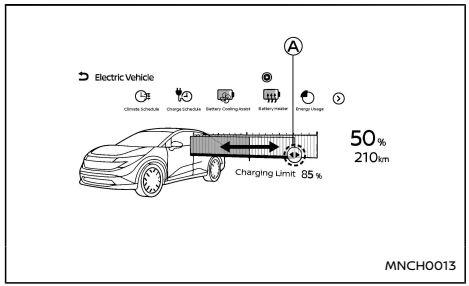
Do not unlock the charge connector using the lever when the charge connector lock is operated normally.

If the charge connector cannot be unlocked, proceed as follows:

1. Place the power switch in the OFF position.
2. Open the bonnet.
3. Locate a white coloured lever Ⓐ on the upper side of the connector lock actuator. (For RHD models, the lever is on the opposite side.)
4. Insert a flat-blade screwdriver or suitable tool and turn the lever clockwise until the lever stops to release the charge connector.
5. Remove the charge connector from the charge port.

CHARGING LIMIT

The charging limit prevents the vehicle from charging once it reaches desired value. This limit affects both quick and normal charging. See “Electric Vehicle Screen” (P.32).

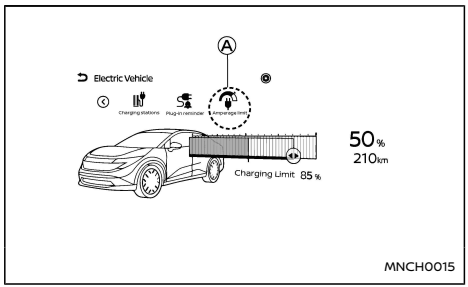


Touch the point Ⓐ and drag it to the desired charging limit (40% to 100%).

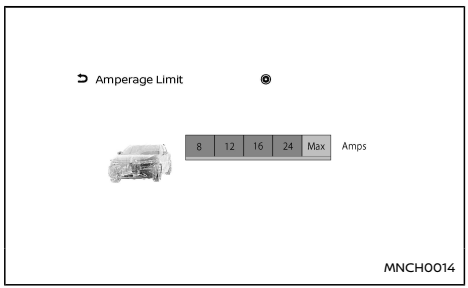
The charging limit can also be set by the vehicle information display. See “[EV Settings]” (P.133).

AMPERAGE LIMIT

This function is used to limit the normal charging amperage, to prevent charging outage when using a home outlet or unfamiliar normal charger. See “Electric Vehicle Screen” (P.32).



Touch the [Amperage Limit] key Ⓐ.



Select desired amperage (8, 12, 16, 24 or Max).

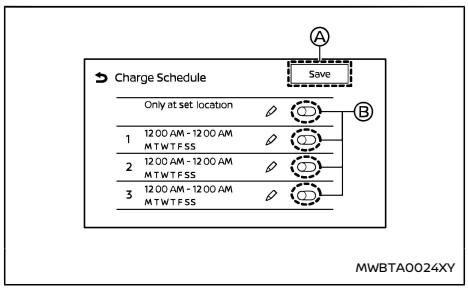
CHARGE SCHEDULE

The charge schedule function can be used for the normal charging only. It cannot be used for the DC fast charging.

Use charge schedule to schedule when the Li—ion battery charges. You can save three timer settings that include the charging start time and end time. The timer settings can be applied to each day of the week. The vehicle automatically begins charging at the scheduled times when the charge connector is connected to the vehicle. The timers do not need to be reset each time the Li—ion battery needs to be charged.

How to set charge schedule

The charge schedule settings can be changed with the touch screen display. See “Electric Vehicle Screen” (P.32).



Touch [Charge Schedule] key to display charge schedule screen.

Available actions:

- **Only at set location:**
  When this item turns on, charging timer works only at the set location (for example, your home).
  This function is only available if location is registered. See “Set the location for charge schedule” (P.52)
- **Timer settings:**
  Touch Ⓑ to turn on/off the timer. The indicator light will turn on when the timer setting is turned on.
- **“ ” key**
  Touch to display the charging timer settings screen. Set preferred time and day of the week for vehicle charging. See “Charge schedule setting screen” (P.53)

After completing the settings, touch the [Save] key Ⓐ, place the power switch in the OFF position, and then connect the charge connector to the vehicle.

Set the location for charge schedule

You can register the designated location for the charging timer (for example, at your home). When [Only at set location] item is selected, the charging timer will only work at the registered and saved location.

To register and save the location, park the vehicle at the place you want to set, then follow the procedure below.

See “Electric Vehicle Screen” (P.32) to display the [ChargeSchedule] screen.

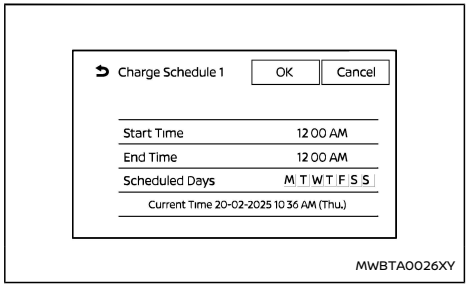
Touch “ ” key of [Only at set location] to display the map locator. Then touch [Done] key.

NOTE:

If a location is already registered, you will be prompted to delete the existing location first. After deletion of the existing location, register and save the new location.

Charge schedule setting screen

Three different timer setting can be registered.



1. Touch to change the start time.
2. Touch to change the end time.
3. Touch to change the weekly schedule.
4. Touch [OK], then touch [Save] to save the settings.

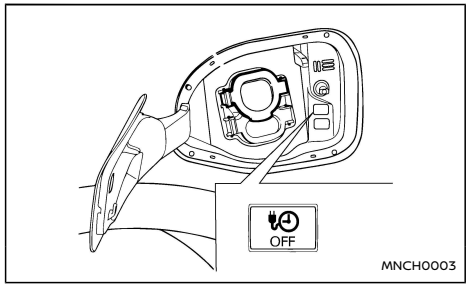
Operating tips for charge schedule

- Charge schedule is performed according to the current time setting on the display. When setting the charge schedule function, be sure to check that the current time displayed is correct.
- The Li-ion battery may not be fully charged if the charge schedule start time and end time are set such that there is not enough time to charge the Li-ion battery.
- To turn off the charge schedule function, touch the [ON] key on the charge schedule setting screen until the indicator lights are turned off. After this operation has been performed, the charge schedule function is turned off. The start and stop time settings are not deleted, even if the charge schedule function is turned off.
- If the day of the week is not selected on the charge schedule setting screen, the charging timer will not operate on that day. The system will wait until the next set charging time to perform charging.
- The timer setting can be changed while charge schedule is in operation. When the setting is changed while charge schedule is in operation, the new settings are applied immediately.
- The Li-ion battery will not charge when the charge connector is connected to the vehicle until the next scheduled charge start time when the charge schedule is active. If necessary, use immediate charge or remote charge (where fitted) to charge the Li-ion battery.
- Some charging stations used to perform normal charge are equipped with timer functions. If the charger timer function and the vehicle timer are both set, and the two timers are not set to operate at the same time, it is possible that the charger will not start or that the Li-ion battery will not be fully charged.
- The Li-ion battery may not be charged to the limit or the charging time may be longer when the Li-ion battery temperature control system or the air conditioning system operates while charging using the charge schedule.
- Li-ion battery electricity will be consumed if the Li-ion battery temperature control system or the air conditioning system operates while the vehicle is not in charging state.

Immediate charge

When the charge schedule is not turned on, charging automatically starts when a normal charge connector is connected to the vehicle.

Use the immediate charge mode any time you need to start charging immediately while a charge schedule is turned on.



To perform the immediate charge:

1. Place the power switch in the OFF position and connect the normal charge connector to the charge port.

2. Push the immediate charge switch in the charge port after unlocking the driver's door or approaching the vehicle with the Intelligent Key.

NOTE:

- **When the charging status indicator light (see "Charging status indicator light" (P.55)) flashes in green after the charge connector is connected, the charge state is in the charge schedule mode. You can push the immediate charge switch to start the immediate charge.**
- **To cancel the immediate charge mode, remove the charge connector from the vehicle. The charge mode switches to charge schedule and the vehicle will be in a charging standby state.**

CHARGING RELATED REMOTE FUNCTION

This vehicle incorporates a communication device that is called a TCU (Telematics Control Unit). The communication connection between this unit and the NISSAN Data Centre allows for various remote function services.

- **Remote battery status check:**
  The charging status of the Li-Ion battery can be checked using the NissanConnect Services app* (where fitted), even if you are not in the vehicle.
- **Remote start/stop charge:**
  The function of starting/stopping the Li-ion battery charge is available using your internet enabled smart phone.
- **Plug-in reminder:**
  A notification can be sent to your internet enabled smart phone if the plug is not connected at the specific time you selected, after turning off the power switch.
- **Plug and Charge:**
  By installing the contract certification in the vehicle and registering a charging plan in the app, charging can be done at many public charging facilities without having to go through the payment procedure each time.
  Navigations to the charging facilities will also be provided via the smartphone app or the Map locator system of the vehicle (where fitted).

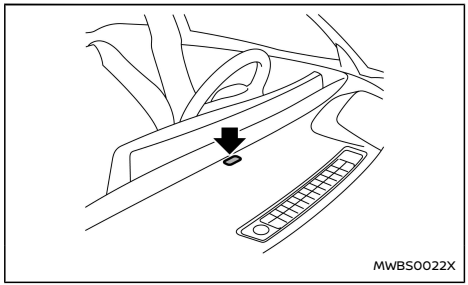
NOTE:

- **Establishing the NissanConnect Services is necessary before using this service. See the separately provided NissanConnect Owner's Manual.**
- **To check the Li-ion battery charging status using an internet enabled smartphone, the following conditions must be met:**
  - **The vehicle must be located in a smartphone coverage area.**
  - **The smartphone must be located in an area with mobile phone coverage.**
  - **Some smartphones are not compatible and cannot be used to check the Li-ion battery charging status. Please confirm beforehand.**
- **Certain remote functions require a compatible smartphone that is not supplied with vehicle.**
- **NissanConnect Services features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.**

***: The NissanConnect Services app will be renamed to MyNISSAN in the future.**

CHARGING RELATED INDICATOR LIGHTS

CHARGING STATUS INDICATOR LIGHT



The charging status indicator light primarily indicates the charging status, and is visible from both inside and outside the vehicle.

When the charge connector is connected incorrectly

The indicator light will flash in red and a beep will sound three times for 30 seconds when the charge connector is connected incorrectly to the charge port.

The charging cannot be performed in this condition.

Ready for charging timer

If the charging timer is set, the indicator light flashes in green (the indicator light illuminates for approximately 2 seconds and will turn off for approximately 2 seconds, repeatedly.). The indicator light turns off after approximately 5 minutes.

When charging

When the Li-ion battery is being charged, the charging status indicator light flashes in blue and it will change the flashing speed depending on the amount the Li-ion battery is charged. As the Li-ion battery charging improves, the indicator flashes slowly.

The amount the Li-ion battery is charged is also displayed by the Li-ion battery available charge gauge on the vehicle information display.

When charged to the limit

The indicator light illuminates in blue when the Li-ion battery is charged to the limit.

The indicator light turns off after approximately 5 minutes or when the charge connector is removed.

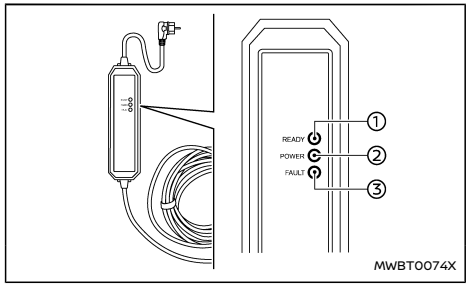
When the Vehicle to Load (V2L) system is active

The indicator light flashes in green when the Vehicle to Load (V2L) system turns on.

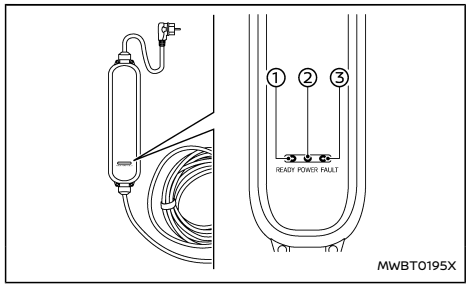
The indicator light illuminates for approximately 1 second and will turn off for approximately 1 second, repeatedly.

For the explanation of the V2L system, see "Vehicle to load (V2L) system (where fitted)" (P.171).

NISSAN EVSE (Electric Vehicle Supply Equipment) CONTROL BOX INDICATOR LIGHT (where fitted)



Type A



Type B

① READY: GREEN

② POWER: ORANGE

③ FAULT: RED

When a normal charge is being performed using the NISSAN EVSE (Electric Vehicle Supply Equip-

ment), the charging status as well as any EVSE malfunction can be checked with the indicator lights on the EVSE control box.

For type A:

READY	POWER	FAULT	Status and action to be taken
●	●	●	All indicator lights will illuminate for a 0.5 second check when the EVSE is first connected to the outlet socket.
●	OFF	OFF	The EVSE is connected to the outlet socket. If the normal charge connector is connected to the vehicle normal charge port, charging is complete or the charging schedule is set (refer to “Charge Schedule” (P.52)).
●	●	OFF	The EVSE is charging the vehicle.
OFF	OFF	OFF	No power is detected by the EVSE from the outlet socket. Check the outlet supply breaker. If the outlet supply is OK and all the indicator lights do not illuminate for 0.5 seconds, the EVSE may be broken. Stop use and immediately contact a NISSAN certified electric vehicle dealer.
○	●	OFF	The EVSE could not detect sufficient outlet socket earth grounding for reliable electric vehicle charging. Contact a NISSAN certified electric vehicle dealer.
○	OFF	OFF	
○	○	●	The temperature detection circuit in the domestic plug of the EVSE is malfunctioning. Indicator light status: Light OFF = Charge is stopped, Flashing = Charge current is reduced. The EVSE is restricting the charging current. Contact a NISSAN certified electric vehicle dealer.
○	OFF	●	
○	○	○	The EVSE detected excessive heat in the domestic plug. Indicator light status: Light OFF = Charge is stopped, Flashing = Charge current is reduced. The EVSE is restricting the charging current for safety. This may be caused by a malfunction in the outlet. Stop using the outlet and contact a NISSAN certified electric vehicle dealer. If the same indication continues after checking the outlet, contact a NISSAN certified electric vehicle dealer for further advice.
○	OFF	○	
●	○	●	The EVSE internal circuits malfunction. Stop use immediately and contact a NISSAN certified electric vehicle dealer.
●	OFF	●	
●	OFF	○	The EVSE detected leakage current or PWM signal error. Stop using the EVSE immediately. Contact a NISSAN certified electric vehicle dealer and check EVSE and vehicle.

Meaning	Light ON	Flashing	Light OFF
Symbol	●	○	OFF

For type B:

READY	POWER	FAULT	Status and action to be taken
●	●	●	All indicator lights will illuminate for a 0.5 second check when the EVSE is first connected to the outlet socket.
●	OFF	OFF	The EVSE is connected to the outlet socket. If the normal charge connector is connected to the vehicle normal charge port, charging is complete or the charging schedule is set (refer to "Charge Schedule" (P.52)).
●	●	OFF	The EVSE is charging the vehicle.
OFF	OFF	OFF	No power is detected by the EVSE from the outlet socket. Check the outlet supply breaker. If the outlet supply is OK and all the indicator lights do not illuminate for 0.5 seconds, the EVSE may be broken. Stop use and immediately contact a NISSAN certified electric vehicle dealer.
○	●	OFF	The EVSE could not detect sufficient outlet socket earth grounding for reliable electric vehicle charging. Contact a NISSAN certified electric vehicle dealer.
○	OFF	OFF	
○	○	●	The temperature detection circuit in the control box or the domestic plug of the EVSE is malfunctioning. POWER light status: Light OFF = Charge is stopped, Flashing = Charge current is reduced. The EVSE is restricting the charging current. Contact a NISSAN certified electric vehicle dealer.
○	OFF	●	
○	○	○	The EVSE detected excessive heat in the control box or the domestic plug. POWER light status: Light OFF = Charge is stopped, Flashing = Charge current is reduced. The EVSE is restricting the charging current for safety. Pull out the domestic plug, wait for a while and then reconnect the plug to the outlet. If the same indication occurs, immediately stop using the outlet and consult a qualified electrician. If the same indication continues after checking the outlet, contact a NISSAN certified electric vehicle dealer for further advice.
○	OFF	○	

●	○	●	The EVSE internal circuits malfunction. Stop use immediately and contact a NISSAN certified electric vehicle dealer.
●	OFF	●	
●	OFF	○	The EVSE detected leakage current or PWM signal error. Stop using the EVSE immediately. Contact a NISSAN certified electric vehicle dealer and check EVSE and vehicle.

Meaning	Light ON	Flashing	Light OFF
Symbol	●	○	OFF

CHARGING TROUBLESHOOTING GUIDE

Symptom	Possible cause	Possible solution
Charging cannot be performed.	The Li-ion battery is already fully charged, or charged to charging limit.	Confirm the available Li-ion battery power remaining by checking Li-ion battery available charge gauge. If the gauge indicates full or charged to charging limit set, the Li-ion battery is already fully charged and cannot be charged. Charging automatically turns off if the Li-ion battery is charged to the limit. If the current state of charge reaches to the charging limit set (for example 80%), charging stops at the limit. Charging will resume when the charging limit is raised to a higher level (for example 100%).
	The 12-volt battery is discharged.	The Li-ion battery cannot be charged if the vehicle electrical systems cannot be turned on. If the 12-volt battery is discharged, charge or jump start the 12-volt battery. See (“Jump starting” (P.422)).
	The vehicle has a malfunction.	The vehicle or charger may have a malfunction. Confirm if the warning light on the meter is illuminated. Confirm if the indicator on the charger is indicating a malfunction. If a warning is displayed, stop charging and contact a NISSAN certified electric vehicle dealer.
Normal charge cannot be performed.	There is no electrical power coming from the normal charging station or electrical outlet.	Confirm that there has not been a power failure. Make sure the circuit breaker is active. If an electrical outlet or charging station with a timer device installed is used, power will only be available at the time set by the timer.
	The domestic plug is not connected correctly.	Confirm the domestic plug is connected correctly.
	There is no electrical power coming from the normal charging station.	Confirm operation procedure of the charging station.
	The charge connector is not connected correctly.	Confirm the charge connector is connected correctly.
Immediate charge cannot be performed.	Charging timer has been set.	Push the immediate charge switch or turn off the charge schedule. See (“Charging methods” (P.51)).
Charge level increases too slowly during normal charge.	Amperage limit is set (charging amperage is limited).	Set the amperage limit to higher level. See (“Amperage Limit” (P.51))

Symptom	Possible cause	Possible solution
Timer charging cannot be performed.	The charge cable is not connected.	Connect the charge cable.
	The time on the clock is wrong.	The charging timer does not start charging based on the clock located on the vehicle information display. Adjust the time. (See "[Clock]" (P.132).) If the 12-volt battery is discharged or if the Li-ion battery is disconnected, the time setting must be updated.
	Charging timer has not been set.	Set the charge schedule. (See ("Charge Schedule" (P.52).)
	Remote charge stop is activated.	Remove the charge connector and connect it again when the vehicle power switch is ON, or change the charge schedule setting.
	Charging does not start because the charging timer start time and end time are set and the current time is before the set start time.	Confirm when the charge schedule time is set to start charging. Change the charging timer setting to the desired charge time or push the immediate charge switch. (See "Charging methods" (P.51)).
	The immediate charge switch is pushed.	To cancel the immediate charge, remove the charge connector from the vehicle.
Normal charge stops during charging.	There is no electrical power coming from the normal charging station or electrical outlet.	There may have been an electrical power failure, or the circuit breaker may have failed. Charging will resume when the power source is reset.
	The charge cable has been disconnected.	Check that the charge cable has not been disconnected.
	Charging timer end time has been reached.	When the charging timer is set and the charge end time is reached, charging will be stopped, even if the Li-ion battery is not charged to the limit.
	The electrical power supply from the normal charging station was stopped.	Confirm operation procedure of the charging station.
Normal charge connector cannot be removed.	The charge connector lock is locked.	Unlock the charge connector lock. See "How to stop a normal charge" (P.49).
	The charge connector unlock condition is not met.	Push the charge connector unlock switch in the charge port after unlocking the driver's door or approaching the vehicle with Intelligent Key.
	The vehicle has a malfunction.	If the normal charge connector cannot be removed when the connector has been unlocked, follow the unlocking steps. See "If the charge connector cannot be unlocked" (P.51).

Symptom	Possible cause	Possible solution
DC fast charge cannot be performed.	The DC fast charge connector is not connected correctly.	Check that the charge connector is connected correctly. If it is not connected correctly, remove the charge connector from the charge port, and insert the charge connector straight into the charge port all the way in.
	After charging stopped, charging was started again without removing and connecting the charge connector.	Remove the charge connector from the charge port, and the connect it again. Then restart the DC fast charge.
	The self-diagnostic function of the DC fast charge device returns a negative result.	There is a possibility that the vehicle has a malfunction. Stop charging and contact a NISSAN certified electric vehicle dealer.
	The power switch of the DC fast charger is off.	Check the power switch of the DC fast charger.
	The DC fast charge unit itself can have issues that prevent charging.	Use different charger.
DC fast charge stops during charging.	Charging is stopped by the DC fast charge timer.	Charging will stop depending on the timer function setting of the DC fast charge device. If you need to charge the Li-ion battery more, start the charging procedure again.
	The power supply for the DC fast charger is off.	Check whether the power supply for the DC fast charger is off.
DC fast charge connector cannot be removed.	The charge connector is locked.	Push the charge connector unlock switch in the charge port after unlocking the driver's door or approaching the vehicle with Intelligent Key.
	The charge connector is not properly inserted (half-latched) and the charge connector lock mechanism got stuck half-way.	● Park the vehicle in a position that allows sufficient margin for the charge cable length, as the charge connector may not be connected properly when the charge cable is pulled in one direction. ● Insert the charge connector straight all the way in, and hold it in place with your hand. If the DC fast charge connector cannot be removed if the connector unlock switch is pushed, follow the unlocking steps. See "How to stop DC fast charge" (P.40)
	The charge connector unlock condition is not met.	Push the charge connector unlock switch in the charge port after unlocking the driver's door or approaching the vehicle with Intelligent Key.
	The vehicle has a malfunction.	If the DC fast charge connector cannot be removed if the connector unlock switch is pushed, follow the unlocking steps. See "If the charge connector cannot be unlocked" (P.51).

MEMO

1 Safety — seats, seat belts and supplemental restraint system

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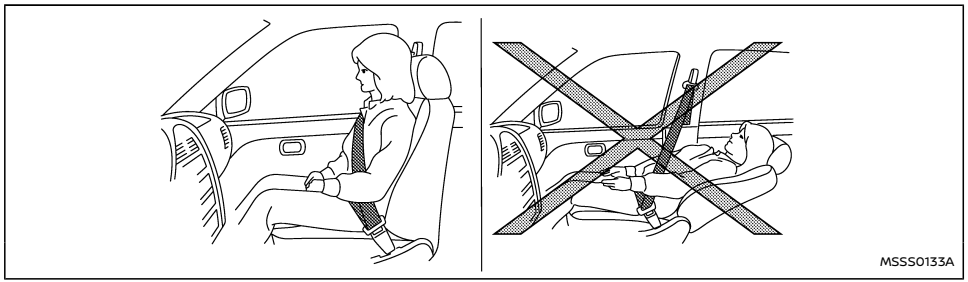
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SEATS



⚠ WARNING

- **Do not drive and/or ride in the vehicle with the seatback reclined. This can be dangerous. The shoulder belt will not be properly against the body. In an accident, you and your passengers could be thrown into the shoulder belt and receive neck or other serious injuries. You and your passengers could also slide under the lap belt and receive serious injuries.**
- **For the most effective protection while the vehicle is in motion, the seatback should be upright. Always sit well back and upright in the seat and adjust the seat properly. (See "Seat belts" (P.73).)**
- **Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.**
- **To help avoid risk of injury or death through unintended operation of the vehicle and/or its systems, do not leave children, people who require the assistance of others or pets unattended in your vehicle. Additionally, the temperature inside a closed vehicle on a warm day can quickly become high enough to cause a significant risk of injury or death to people and pets.**

CAUTION

When adjusting the seat positions, be sure not to contact any moving parts to avoid possible injuries and/or damages.

FRONT SEATS

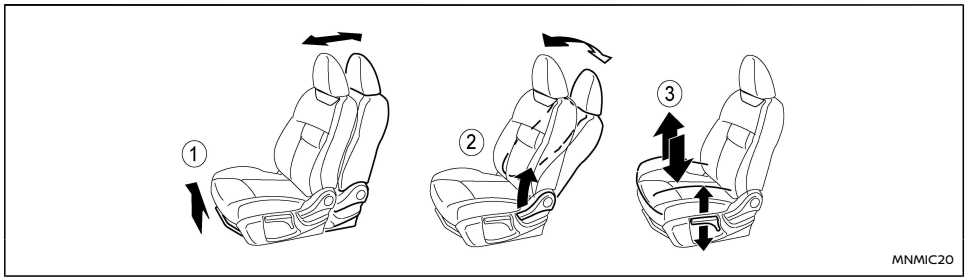
⚠ WARNING

Do not adjust the driver's seat while driving so that full attention may be given to vehicle operation.

Manual seat adjustment

⚠ WARNING

After adjusting a seat, gently shake the seat to confirm that the seat is locked securely. If the seat is not locked securely, it may move suddenly and could cause the loss of control of the vehicle.



Forward and backward:

1. Pull up the adjusting lever ①.
2. Slide the seat to the desired position.
3. Release the adjusting lever to lock the seat in position.

Reclining:

1. Pull up the adjusting lever ②.
2. Tilt the seatback to the desired position.
3. Release the adjusting lever to lock the seatback in position.

The reclining feature allows the adjustment of the seatback for occupants of different sizes to help obtain the proper seat belt fit. (See "Seat belts" (P.73).)

The seatback may be reclined to allow occupants to rest when the vehicle is parked.

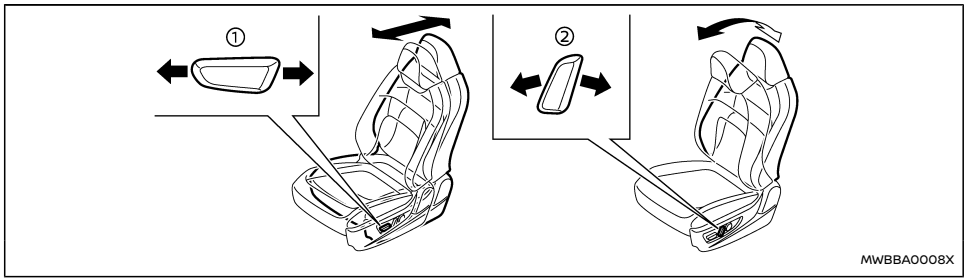
Seat lifter:

Pull up or push down the adjusting lever ③ to adjust the seat height until the desired position is achieved.

Power seat adjustment

Operating tips:

- The power seat motor has an auto-reset overload protection circuit. If the motor stops during the seat adjustment, wait 30 seconds, then reactivate the switch.
- To avoid discharge of the battery, do not operate the power seats for a long period of time when the EV system is not running.



Forward and backward:

Move the adjusting switch as shown ① to the desired position.

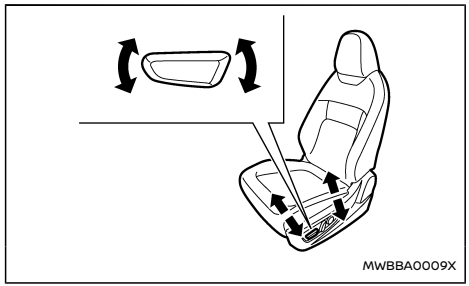
Reclining:

Move the adjusting switch as shown ② to the desired position.

The reclining feature allows the adjustment of the seatback for occupants of different sizes to help obtain the proper seat belt fit. (See "Seat belts" (P.73).)

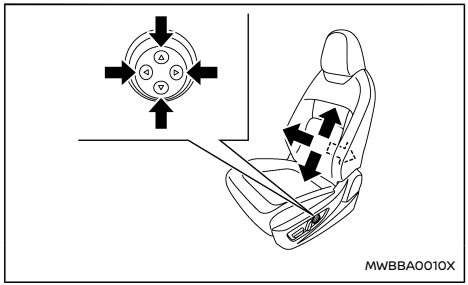
The seatback may be reclined to allow occupants to rest when the vehicle is parked.

Seat lifter:



Move the switch as shown to adjust the angle of the front portion or height of the seat.

Lumbar support (where fitted):

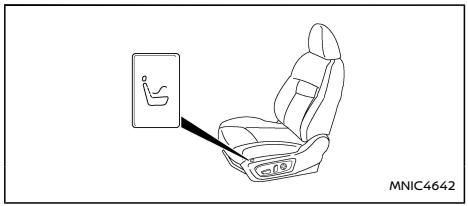


4 way type

The lumbar support feature provides lower back support to the driver.

Push the adjusting switch as shown to adjust the seat lumbar area until the desired position is achieved.

MASSAGE SEATS (where fitted)



Massage seat switch

Use the massage seat switch (where fitted), located on the side of the seat to turn the massage seat feature on or off.

Alternatively, use the screen following your NissanConnect owners manual.

NOTE:

Before the massage seat can be operated, the door must be closed and the EV system must be ON.

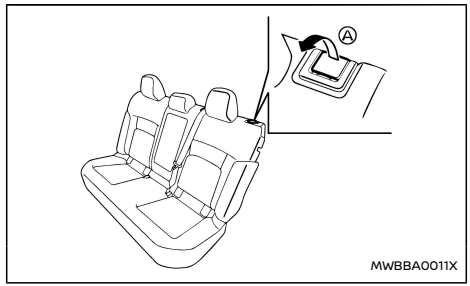
For details on how to control and adjust the massage seat function, see your NissanConnect Owner's Manual.

REAR SEATS

Folding

Before folding the rear seats

- Secure the outer seat belt on the seat belt hook. (See "Seat belt hooks" (P.77).)
- Slide the front seats forward or remove rear head restraints to make enough room behind the seat so that the rear seatback can be folded flat.
- Remove drink containers from the rear cup holder (where fitted).



To fold down the seatback

- Pull up the lever Ⓐ and fold the seatback.

To return the seatback

To return the seatback to a seating position, replace rear head restraints properly if they have been removed and raise the seatback until it latches in place.

When returning the seatback, make sure that the seat belts are not interfering with the seatback latch mechanism.

⚠ WARNING

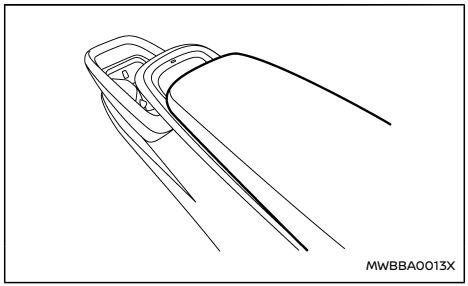
- **Never allow anyone to ride in the cargo area or on the rear seats when they are in the fold-down position. In a collision, people riding in these areas without proper restraints are more likely to be seriously injured or killed.**
- **Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. Be sure everyone in your vehicle is in a seat and using a seat belt properly.**
- **Do not allow more than one person to use the same seat belt.**
- **Do not fold down the rear seats when occupants are in the rear seat area or any luggage is on the rear seats.**
  - **— Make sure that the seat path is clear before moving the seat.**
  - **— Be careful not to allow hands or feet to get caught or pinched in the seat.**
- **Head restraints should be adjusted prop-**

erly as they may provide significant protection against injury in an accident. Always replace and adjust them properly if they have been removed for any reason.

- **If the head restraints are removed for any reason, they should be securely stored to prevent them from causing injury to passengers or damage to the vehicle in case of sudden braking or an accident.**
- **When returning the seatbacks to the upright position, be certain they are completely secured in the latched position. If they are not completely secured, passengers may be injured in an accident or sudden stop.**
- **Properly secure all cargo to help prevent it from sliding or shifting. Do not place cargo higher than the seatbacks. In a sudden stop or collision, unsecured cargo could cause personal injury.**

ARMREST (where fitted)

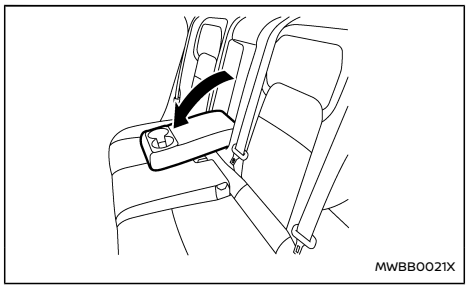
Front seats


MWBBA0013X

The console box lid can be used as an armrest.

Rear seat (where armrest fitted)

The centre seatback can be folded to make the armrest (where fitted).


MWBB0021X

Fold down the seatback until it is horizontal.

HEATED SEATS (where fitted)

⚠ WARNING

Do not use or allow occupants to use the seat heater if you or the occupants cannot monitor elevated seat temperatures or have an inability to feel pain in body parts that contact the seat. Use of the seat heater by such people could result in serious injury.

CAUTION

- **The 12-volt battery could run down if the seat heater is operated while the EV system is not running.**
- **Do not use the seat heater for extended periods or when no one is using the seat.**
- **Do not put anything on the seat which insulates heat, such as a blanket, cushion, seat cover, etc. Otherwise, the seat may become overheated.**
- **Do not place anything hard or heavy on the seat or pierce it with a pin or similar object. This may result in damage to the heater.**
- **Any liquid spilled on the heated seat should be removed immediately with a dry cloth.**
- **When cleaning the seat, never use petrol, thinner, or any similar materials.**
- **If any malfunctions are found or the heated seat does not operate, turn the switch off and have the system checked. It**

is recommended you visit a NISSAN certified electric vehicle dealer for this service.

NOTE:

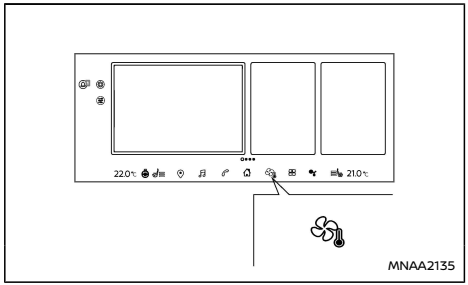
The heated seats consume less power than the heater and can be used to either help extend driving range by reducing heater use or to maximise comfort by supplementing the heater.

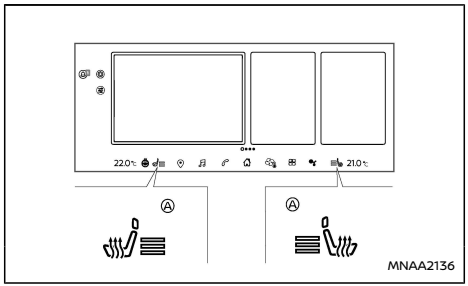
The front seats are warmed by built-in heaters. The control keys are displayed on the touch screen display and the switches are located on the back of the centre console box (where fitted), and can be operated independently of each other.

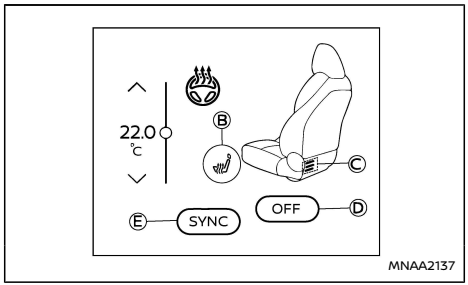
The heater is controlled by a control module, automatically adjusting the heat level to maintain comfort according to the selected heat range.

When the vehicle's interior is warmed, or before you leave the vehicle, be sure to turn off the seat heater.

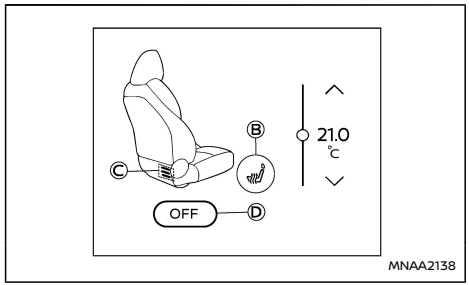
Operation with touch screen display







Driver's seat



1. Start the EV system.
2. To display the climate control screen, touch the key on the touch screen display.
3. Touch the or key Ⓐ.
4. Touch the key Ⓑ to select the desired heat range.
   - For high heat, touch the key once.
   - For medium heat, touch the key twice.
   - For low heat, touch the key three times.
   - The indicator Ⓒ illuminates depending on the heat level.
5. To synchronyze temperatures of both driver's and front passenger's seats touch [SYNC] key Ⓔ.
6. To turn off the heater, touch the [OFF] key Ⓓ.

HEAD RESTRAINTS

⚠ WARNING

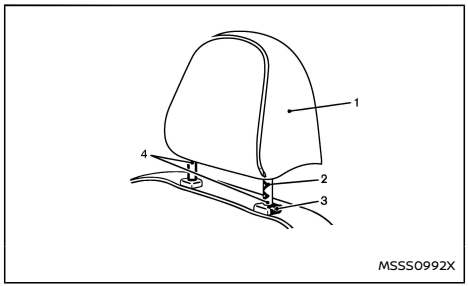
Head restraints supplement the other vehicle safety systems. They may provide additional protection against injury in certain rear end collisions. Adjustable head restraints must be adjusted properly, as specified in this section. Check the adjustment after someone else uses the seat. Do not attach anything to the head restraint stalks or remove the head restraint. Do not use the seat if the head restraint has been removed. If the head restraint was removed, reinstall and properly adjust the head restraint before an occupant uses the seating position. Failure to follow these instructions can reduce the effectiveness of the head restraint. This may increase the risk of serious injury or death in a collision.

- Your vehicle is equipped with a head restraint that may be integrated, adjustable or non-adjustable.
- Adjustable head restraints have multiple notches along the stalk to lock them in a desired adjustment position.
- The non-adjustable head restraints have a single locking notch to secure them to the seat frame.
- Proper Adjustment:
  - For the adjustable type, align the head restraint so the centre of your ear is approximately level with the centre of the head restraint.
  - If your ear position is still higher than the recommended alignment, place the head restraint at the highest position.
- If the head restraint has been removed, ensure that it is reinstalled and locked in place before riding in that designated seating position.

NOTE:

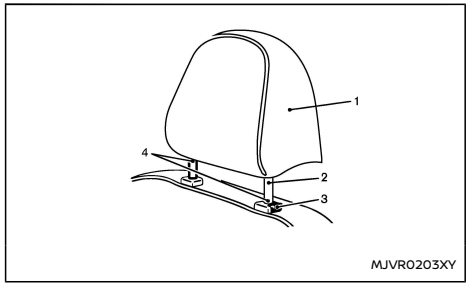
The driver side Bose Personal® head restraint (where fitted) cannot be removed.

ADJUSTABLE HEAD RESTRAINT COMPONENTS



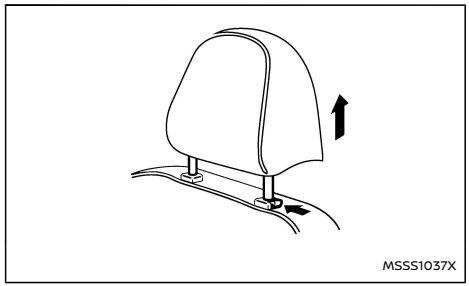
1. Removable head restraint
2. Multiple notches
3. Lock knob
4. Stalks

NON-ADJUSTABLE HEAD RESTRAINT COMPONENTS



1. Removable head restraint
2. Single notch
3. Lock knob
4. Stalks

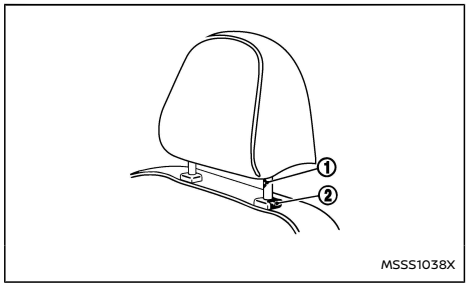
REMOVE



Use the following procedure to remove the head restraint.

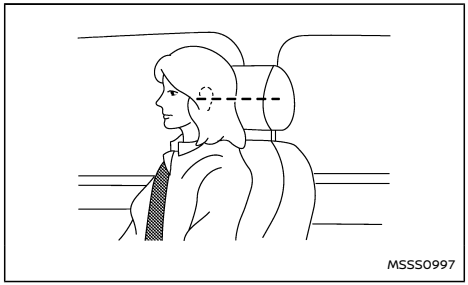
1. Pull the head restraint up to the highest position.
2. Push and hold the lock knob.
3. Remove the head restraint from the seat.
4. Store the head restraint properly in a secure place so it is not loose in the vehicle.
5. Reinstall and properly adjust the head restraint before an occupant uses the seating position.

INSTALL



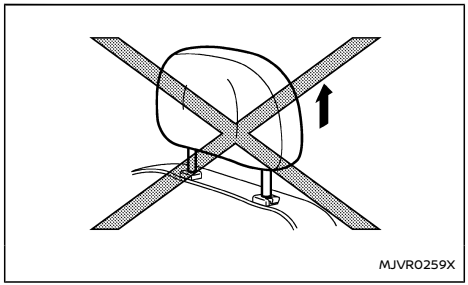
1. Align the head restraint stalks with the holes in the seat. Make sure that the head restraint is facing the correct direction. The stalk with the adjustment notch ① must be installed in the hole with the lock knob ②.
2. Push and hold the lock knob and push the head restraint down.
3. Properly adjust the head restraint before an occupant uses the seating position.

ADJUST



For adjustable head restraint

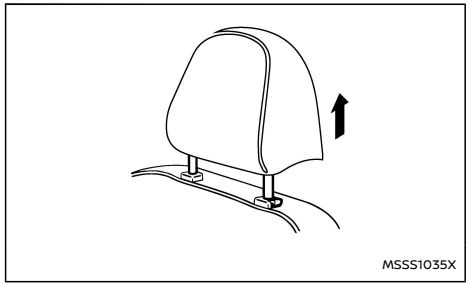
Adjust the head restraint so the centre is level with the centre of your ears. If your ear position is still higher than the recommended alignment, place the head restraint at the highest position.



For non-adjustable head restraint

Make sure the head restraint is positioned from the stored position or any non-latch position so the lock knob is engaged in the notch before riding in that designated seating position.

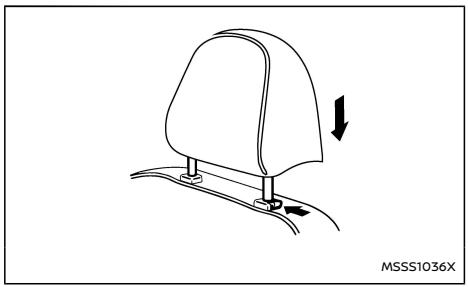
Raise



To raise the head restraint, pull it up.

Make sure the head restraint is positioned from the stored position or any non-latch position so the lock knob is engaged in the notch before riding in that designated seating position.

Lower



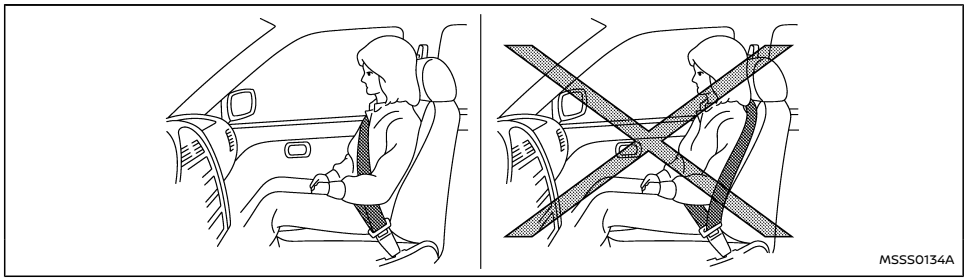
To lower, push and hold the lock knob and push the head restraint down.

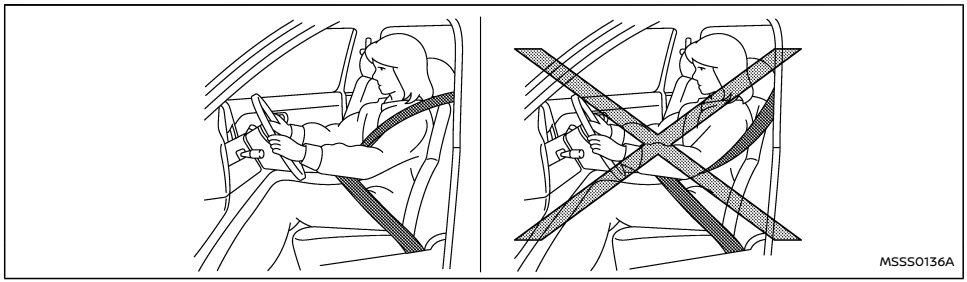
Make sure the head restraint is positioned so the lock knob is engaged in the notch before riding in that designated seating position.

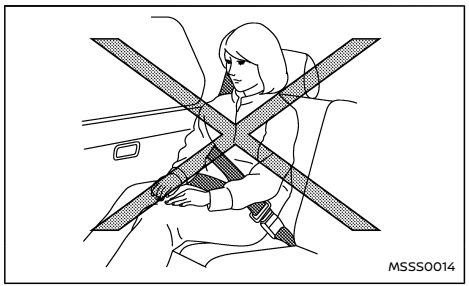
SEAT BELTS

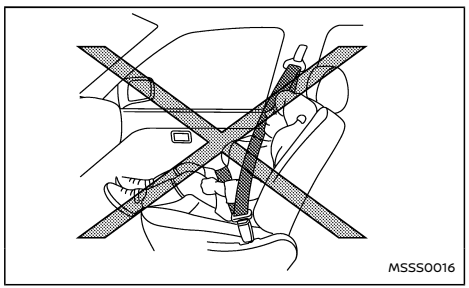
PRECAUTIONS ON SEAT BELT USAGE

If you are wearing the seat belt properly adjusted and sitting upright and well back in the seat, chances of being injured or killed in an accident and/or the severity of injury may be greatly reduced. NISSAN strongly encourages you and all of your passengers to buckle up every time you drive, even if your seating position includes the supplemental air bag systems.


MSSS0134A


MSSS0136A


MSSS0014


MSSS0016

⚠ WARNING

- **Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided. Serious injury may occur if a seat belt is not worn properly.**
- **Position the lap belt as low and snug as possible around the hips, not the waist. A lap belt worn too high could increase the risk of internal injuries in an accident.**
- **Do not allow more than one person to use the same seat belt. Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.**
- **Never carry more people in the vehicle than there are seat belts.**
- **Never wear seat belts inside out. Belts should not be worn with straps twisted. Doing so may reduce their effectiveness.**
- **Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.**
- **Every person who drives or rides in this vehicle should use a seat belt at all times. Children should be properly restrained in the rear seat and, if appropriate, in a child restraint system.**
- **Do not put the belt behind your back or under your arm. Always route the shoulder belt over your shoulder and across your chest. The belt should be away from your face and neck, but not falling off your shoulder. Serious injury may occur if a seat belt is not worn properly.**
- **No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.**
- **Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.**
- **All seat belt assemblies including retractors and attaching hardware should be inspected after any collision by a NISSAN certified electric vehicle dealer. NISSAN recommends that all seat belt assemblies in use during a collision be replaced unless the collision was minor and the belts show no damage and continue to operate properly. Seat belt assemblies not in use during a collision should also be inspected and, when necessary, replaced if either damage or improper operation is noted.**
- **It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.**
- **Once the pre-tensioner seat belt has activated, it cannot be reused. It must be replaced together with the retractor. Contact a NISSAN certified electric vehicle dealer.**
- **Removal and installation of the pre-ten-**

sioner seat belt system components should be done by a NISSAN certified electric vehicle dealer.

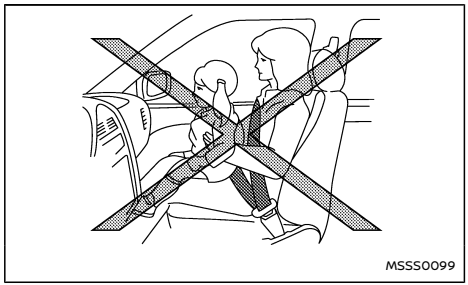
CHILD SAFETY

⚠ WARNING

- **Infants and children need special protection. The vehicle's seat belts may not fit them properly. The shoulder belt may come too close to the face or neck. The lap belt may not fit over their small hipbones. In an accident, an improperly fitted seat belt could cause serious or fatal injury.**
- **Always use an appropriate child restraint system.**

Children need adults to help protect them. They need to be properly restrained. The proper restraint depends on the child's size.

Infants and small children


MSSS0099

NISSAN recommends that infants and small children be seated in a child restraint system. You should choose a child restraint system that fits your vehicle and the child, and always follow the manufacturer's instructions for installation and use.

Large children

⚠ WARNING

- **Never allow children to stand or kneel on any seats.**
- **Never allow children in the cargo areas while the vehicle is moving. A child could be seriously injured in an accident or sudden stop.**

Children who are too large for a child restraint system should be seated and restrained by the seat belts that are provided.

If the child's seating position has a shoulder belt that fits close to the face or neck, the use of a booster seat (commercially available) may help overcome this. The booster seat should raise the child so that the shoulder belt is properly positioned across the top, middle portion of the shoulder and the lap belt is low on the hips. The booster seat should also fit the vehicle seat. Once the child has grown so that the shoulder belt is no longer on or near the face or neck of the child, use the shoulder belt without the booster seat. In addition, there are many types of child restraint systems available for larger children that should be used for maximum protection.

PREGNANT WOMEN

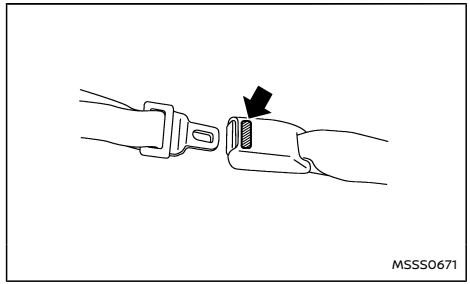
NISSAN recommends that pregnant women use seat belts. The seat belt should be worn snug, and always position the lap belt as low as possible around the hips, not the waist. Place the shoulder belt over your shoulder and across your chest. Never put the lap/shoulder belt over your abdominal area. Contact your doctor for specific recommendations.

INJURED PERSONS

NISSAN recommends that injured persons use seat belts. Contact your doctor for specific recommendations.

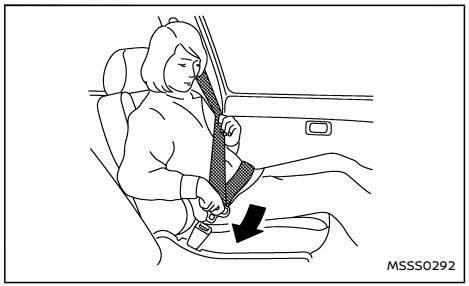
CENTRE MARK ON SEAT BELTS

Selecting correct set of seat belts


MSSS0671

The centre seat belt buckle is identified by the CENTER mark. The centre seat belt tongue must be fastened only into the centre seat belt buckle.

THREE-POINT TYPE SEAT BELTS


MSSS0292

⚠ WARNING

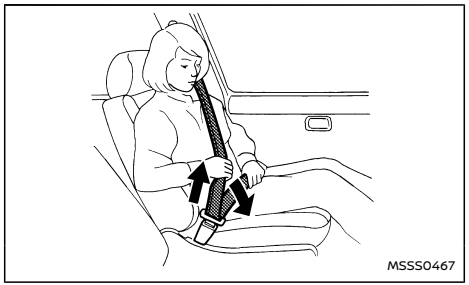
Every person who drives or rides in this vehicle should use a seat belt at all times.

Fastening seat belts

⚠ WARNING

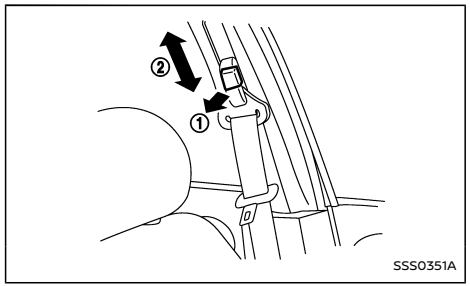
The seatback should not be in a reclined position any more than needed for comfort. Seat belts are most effective when the passenger sits well back and straight up in the seat.

1. Adjust the seat. (See "Seats" (P.64).)
2. Slowly pull the seat belt out of the retractor and insert the tongue into the buckle until you hear and feel the latch engage.
   - **The retractor is designed to lock during a sudden stop or on impact. A slow pulling motion permits the seat belt to move, and allows you some freedom of movement in the seat.**
   - **If the seat belt cannot be pulled from its fully retracted position, firmly pull the belt and release it. Then smoothly pull the belt out of the retractor.**


MSSS0467

3. Position the lap belt portion low and snug on the hips as shown.
4. Pull the shoulder belt portion toward the retractor to take up extra slack. Be sure the shoulder belt is routed over your shoulder and is snug across your chest.

Shoulder belt height adjustment (for front seats)



SSS0351A

⚠ WARNING

- **The shoulder belt anchor height should be adjusted to the position best for you. Failure to do so may reduce the effectiveness of the entire restraint system and increase the chance or severity of injury in an accident.**
- **The shoulder belt should rest on the middle of the shoulder. It must not rest against the neck.**
- **Be sure that the seat belt is not twisted in any way.**
- **Be sure that the shoulder belt anchor is secured by trying to move the shoulder belt anchor up and down after adjustment.**

The shoulder belt anchor height should be adjusted to the position best for you.

The belt should be away from your face and neck, but not falling off your shoulder.

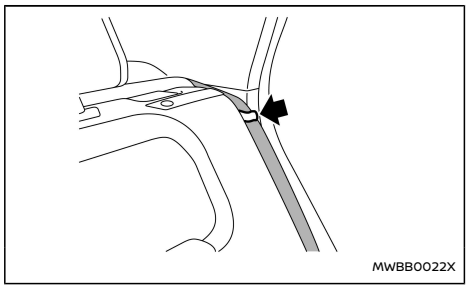
To adjust, pull the adjustment button ① and move the shoulder belt anchor ② to the proper position, so that the belt passes over the centre of the shoulder.

Release the adjustment button to lock the shoulder belt anchor into position.

Unfastening seat belts

Push the button on the buckle. The seat belt automatically retracts.

Seat belt hooks



When folding down the rear seats, hook the rear outer seat belts on the seat belt hooks.

CAUTION

- **Before folding up the rear seats, ensure that seat belts are not obstructing the rear seatback latches to avoid damage to the seat belt webbing.**
- **Make sure that seat belts are not routed behind the seat when they are folded up.**

Checking seat belt operation

Seat belt retractors are designed to lock seat belt movement:

- When the seat belt is pulled quickly from the retractor.
- When the vehicle slows down rapidly.

To increase your confidence in the seat belts, check the operation by grasping the shoulder belt and pulling forward quickly. The retractor should lock and restrict further belt movement. If the retractor does not lock during this check, contact a NISSAN certified electric vehicle dealer immediately.

SEAT BELT MAINTENANCE

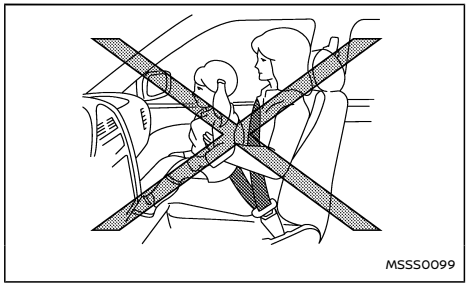
Periodically check that the seat belt and all the metal components, such as buckles, tongues, retractors, flexible wires and anchors, work properly. If loose parts, deterioration, cuts or other damage on the seat belt webbing is found, the entire seat belt assembly should be replaced.

If dirt builds up in the shoulder belt guide of the seat belt anchors, the seat belts may retract slowly. Wipe the shoulder belt guide with a clean, dry cloth.

To clean the seat belt webbing, apply a mild soap solution or any solution recommended for cleaning upholstery or carpet. Then wipe with a cloth and allow the seat belts to dry in the shade. Do not allow the seat belts to retract until they are completely dry.

CHILD RESTRAINTS

PRECAUTIONS ON CHILD RESTRAINT USAGE


MSSS0099

⚠ WARNING

- **Infants and small children should always be placed in an appropriate child restraint while riding in the vehicle. Failure to use a child restraint can result in serious injury or death.**
- **Infants and small children should never be carried on your lap. It is not possible for even the strongest adult to resist the forces of a severe accident. The child could be crushed between the adult and parts of the vehicle. Also, do not put the same seat belt around both your child and yourself.**
- **NISSAN recommends that the child restraints be installed in the rear seat. According to accident statistics, children are safer when properly restrained in the rear seat than in the front seat.**
- **Improper use or improper installation of a child restraint can increase the risk or severity of injury for both the child and other occupants of the vehicle and can lead to serious injury or death in an accident.**
- **Follow all of the child restraint manufacturer's instructions for installation and use. When purchasing a child restraint, be sure to select one which will fit your child and vehicle. It may not be possible to properly install some types of child restraint in your vehicle.**
- **The direction of the child restraint, either front-facing or rear-facing, depends on the type of the child restraint and the size of the child. Refer to the child restraint manufacturer's instructions for details.**
- **After attaching a child restraint, test it before you place the child in it. Push it from side to side and tug it forward to make sure that it is held securely in place. The child restraint should not move more than 25 mm (1 in). If the restraint is not secure, tighten the belt as necessary, or install the restraint in another seat and test it again.**
- **When the child restraint is not in use, keep it secured with the ISOFIX child restraint system or a seat belt to prevent it from being thrown around in case of a sudden stop or accident.**
- **Adjustable seatbacks should be positioned to ensure full contact between child restraint and seatback.**
- **Never install a rear-facing child restraint on the front passenger seat without ensuring that the supplemental front passenger air bag is deactivated. Supplemental front-impact air bags inflate with great force. A rear-facing child restraint could be struck by the supplemental front-impact air bags in an accident and could seriously injure or kill your child.**
- **If the seat belt in the position where a child restraint is installed requires a locking device and if it is not used, injuries could result from a child restraint tipping over during normal vehicle braking or cornering.**

CAUTION

Remember that a child restraint left in a closed vehicle can become very hot. Check the seating surface and buckles before placing your child in a child restraint.

NISSAN recommends that infants and small children be seated in a child restraint. You should choose a child restraint that fits your vehicle and always follow the manufacturer's instructions for installation and use. In addition, there are many types of child restraints available for larger children that should be used for maximum protection.

UNIVERSAL CHILD RESTRAINTS FOR FRONT SEAT AND REAR SEATS

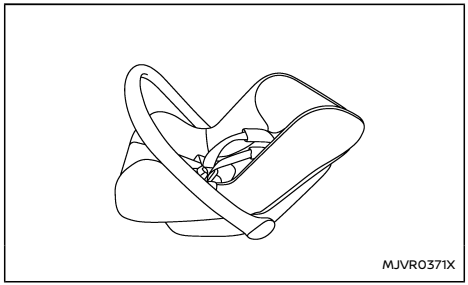
NOTE:

Universal child restraints approved to UN Regulation No.44 (UN R44) or UN Regulation No.129 (UN R129) are clearly marked "Universal".

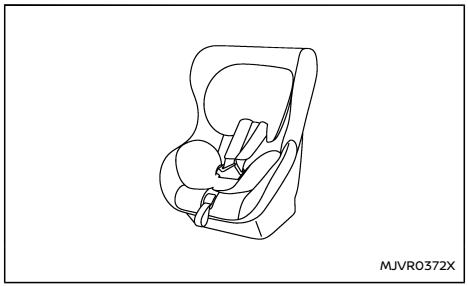
When selecting any child restraint, keep the following points in mind:

- Choose a child restraint that complies with the UN R44 or UN R129.
- Place your child in the child restraint and check the various adjustments to be sure the child restraint is compatible with your child. Always follow all of the recommended procedures.
- Check the child restraint in your vehicle to be sure it is compatible with vehicle's seat belt system.
- Refer to the tables later in this section for a list of the recommended fitment positions and the approved child restraints for your vehicle.

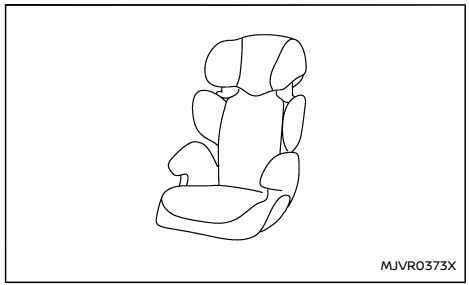
Kind of child seats



Child safety seat - Child height 40-83 cm



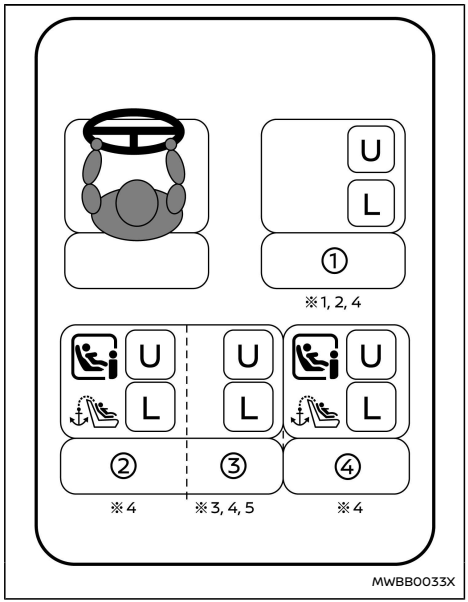
Child safety seat - Child height 84-105 cm



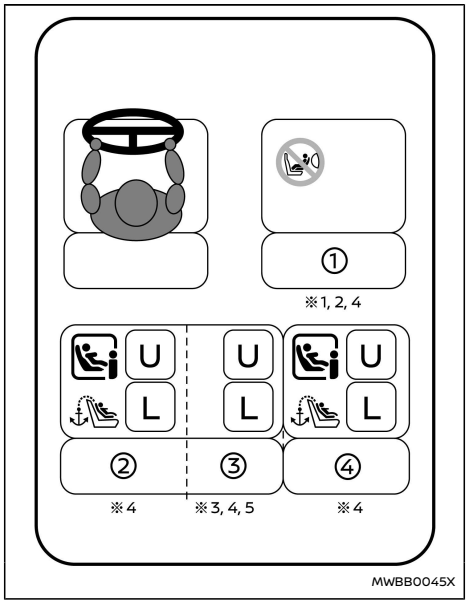
Child safety seat - Child height 100-150 cm

Selecting the child restraint system for each seating position

A child restraint system that can be used differs according to the seating position.



<PASSENGER AIR BAG OFF> indicator illuminated



<PASSENGER AIR BAG ON> indicator illuminated

①	Front passenger seat
②	Row 2: left hand outboard seat
③	Row 2: centre seat
④	Row 2: right hand outboard seat
U	Suitable for child safety seats that are fixed with vehicle seat belt
	Suitable for i-Size child safety seats
	Prohibit installation of rearward facing child restraint system
	Seats equipped with top tether anchor

L	Suitable for child safety seats listed in the attached list

*1: Adjust the seat lifter to the uppermost position.

*2: Adjust the seat slide to the rear most position.

*3: Do not install child restraints with a support leg.

*4: Move the head restraint to the upper most position or remove it (and store securely) if there is any interference with the child restraint. Do not remove head restraint when using a booster cushion only.

*5: Adjust the centre console to the front most position.

Detailed information for child restraint system installation:

Seat position number	Front		Rear		
	①		②	③	④
	Passenger Air Bag ON	Passenger Air Bag OFF[1]	Left[1]	Centre[1] [2]	Right[1]
Seating position suitable for universal belted (Yes/No)	No	Yes	Yes	Yes	Yes
i-Size seating position (Yes/No)	No	No	Yes	No	Yes
Seating position suitable for lateral fixture (L1/L2)	—	—	—	—	—
Largest suitable rearward facing fixture (R1/R2X/R2/R3)	—	—	R3	—	R3
Largest suitable forward facing fixture (F2X/F2/F3)	—	—	F3	—	F3
Largest suitable booster fixture (B2/B3)	—	B3 (Belted Only)	B3	B3 (Belted Only)	B3

[1] Move the head restraint to the upper most position or remove it (and store securely) if there is any interference with the child restraint. Do not remove the head restraint when using a booster cushion only.

[2] Not suitable for child restraint systems with a support leg.

List of recommended child restraints:

Height (approx.)	Recommend CRS[1]
40 - 83 cm	Maxi Cosy Pearl 360 + FamilyFix 360 Base (RWF only)
84 - 105 cm	Maxi Cosy Pearl 360 + FamilyFix 360 Base (recommended RWF)
100 - 150 cm	Britax Römer Kidfix Pro Style[2]

[1] Move the head restraint to the upper most position or remove it (and store securely) if there is any interference with the child restraint. Do not remove the head restraint when using a booster cushion only.

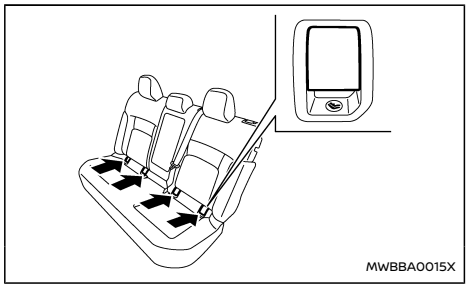
[2] It is recommended to use a backrest with the lap belt Secure Guard, in the event that the backrest is removed the lap belt Secure Guard should not be used.

ISOFIX CHILD RESTRAINT SYSTEM

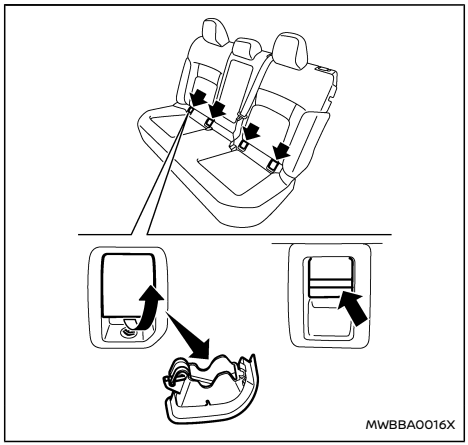
Your vehicle is equipped with special anchor points that are used with ISOFIX child restraint systems.

ISOFIX lower anchor point locations

The ISOFIX anchor points are provided to install child restraints in the rear outboard seating positions only. **Do not attempt to install a child restraint in the centre position using the ISOFIX anchors.**



ISOFIX label location

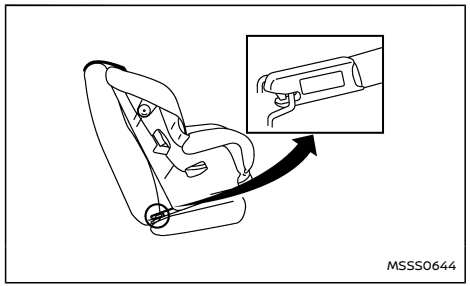


ISOFIX lower anchor location

The ISOFIX anchors are located under covers labelled ISOFIX at the bottom of the rear seat cushions.

To access a ISOFIX lower anchor point, insert your finger into the cover and pull the cover off.

ISOFIX child restraint anchor attachments



Anchor attachment

ISOFIX child restraints include two rigid attachments that can be connected to two anchors located in the seat. With this system, you do not have to use a vehicle seat belt to secure the child restraint. Check your child restraint for a label stating that it is compatible with the ISOFIX child restraints. This information may also be in the instructions provided by the child restraint manufacturer.

ISOFIX child restraints generally require the use of a top tether strap or other anti-rotation devices such as support legs. When installing ISOFIX child restraints, carefully read and follow the instructions in this manual and those supplied with the child restraints. (See “Child restraint installation using ISOFIX” (P.85).)

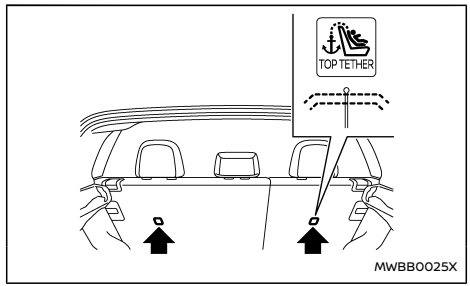
CHILD RESTRAINT ANCHORAGE

Your vehicle is designed to accommodate a child restraint system on the rear seat. When installing a child restraint system, carefully read and follow the instructions in this manual and those supplied with the child restraint system.

⚠ WARNING

- **Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle. Doing so could damage the child restraint anchorages. The child restraint will not be properly installed using the damaged anchorage, and a child could be seriously injured or killed in a collision.**
- **The child restraint top tether strap may be damaged by contact with the tonneau cover or items in the luggage area. Remove the tonneau cover from the vehicle or secure it and any luggage. Your child could be seriously injured or killed in a collision if the top tether strap is damaged.**

Anchorage location



Anchorages are located as illustrated. Position the top tether strap over the top of the seatback and secure it to the tether anchorage that provides the straightest installation. Tighten the tether strap according to the manufacturer's instruction to remove any slack.

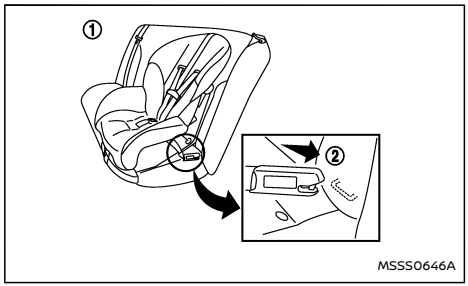
CHILD RESTRAINT INSTALLATION USING ISOFIX

⚠ WARNING

- **Attach ISOFIX child restraints only at the specified locations. For the ISOFIX lower anchor locations, see "ISOFIX child restraint system" (P.84). If a child restraint is not secured properly, your child could be seriously injured or killed in an accident.**
- **Do not install child restraints that require the use of a top tether strap to seating positions that do not have a top tether anchor.**
- **Do not secure a child restraint in the centre rear seating position using the ISOFIX lower anchors. The child restraint will not be secured properly.**
- **Inspect the lower anchors by inserting your fingers into the lower anchor area and feeling to make sure there are no obstructions over the ISOFIX anchors, such as seat belt webbing or seat cushion material. The child restraint will not be secured properly if the ISOFIX anchors are obstructed.**
- **Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle. Doing so could damage the child restraint anchorages. The child restraint will not be properly installed using the damaged anchorage, and a child could be seriously injured or killed in a collision.**

Installation on rear outboard seats

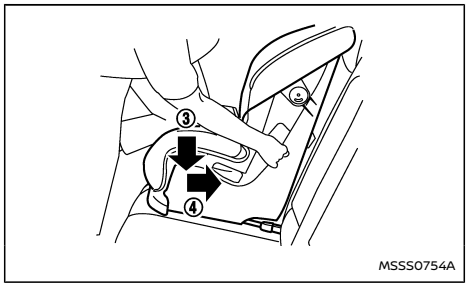
Front-facing:



Front-facing: Steps 1 and 2

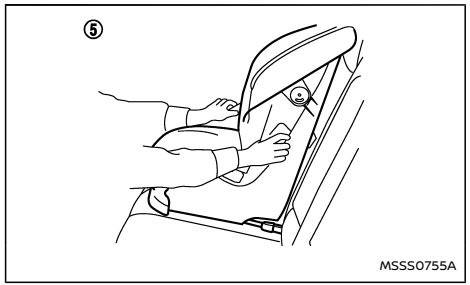
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the rear outboard seats using ISOFIX:

1. Position the child restraint on the seat ①.
2. Secure the child restraint anchor attachments to the ISOFIX lower anchors ②.
3. The back of the child restraint should be secured against the vehicle seat back. If necessary, remove the head restraint to obtain the correct child restraint fit. (See "Head restraints" (P.70).) If the head restraint is removed, store it in a secure place. Be sure to install the head restraint when the child restraint is removed. If the seating position does not have an adjustable head restraint and it is interfering with the proper child restraint fit, try another seating position or a different child restraint.



Front-facing: Step 4

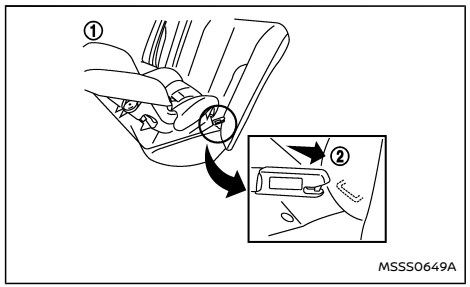
4. Shorten the rigid attachment to have the child restraint firmly tightened; press downward ③ and rearward ④ firmly in the centre of the child restraint with your knee to compress the vehicle seat cushion and seatback.
5. If the child restraint is equipped with a top tether strap, route the top tether strap and secure the tether strap to the tether anchor point. (See "Child restraint anchorage" (P.85).)
6. If the child restraint is equipped with other anti-rotation devices such as support legs, use them instead of the top tether strap following the child restraint manufacturer's instructions.



Front-facing: Step 7

7. Test the child restraint before you place the child in it ⑤. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
8. Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 3 through 7.

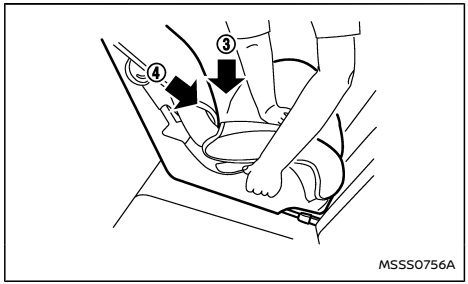
Rear-facing:



Rear-facing: Steps 1 and 2

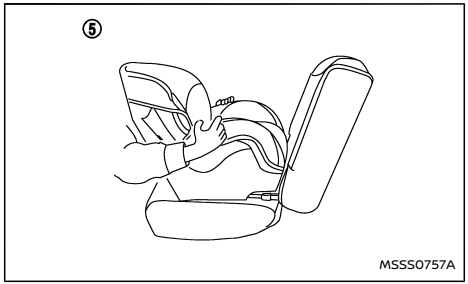
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a rear-facing child restraint on the rear outboard seats using ISOFIX:

1. Position the child restraint on the seat ①.
2. Secure the child restraint anchor attachments to the ISOFIX lower anchors ②.



Rear-facing: Step 3

3. Shorten the rigid attachment to have the child restraint firmly tightened; press downward ③ and rearward ④ firmly in the centre of the child restraint with your hand to compress the vehicle seat cushion and seatback.
4. If the child restraint is equipped with a top tether strap, route the top tether strap and secure the tether strap to the tether anchor point. (See "Child restraint anchorage" (P.85).)
5. If the child restraint is equipped with other anti-rotation devices such as support legs, use them instead of the top tether strap following the child restraint manufacturer's instructions.



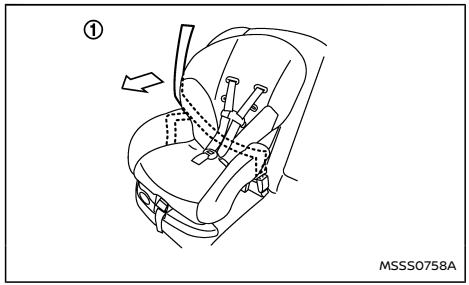
Rear-facing: Step 6

6. Test the child restraint before you place the child in it ⑤. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
7. Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 3 through 6.

CHILD RESTRAINT INSTALLATION USING THREE-POINT TYPE SEAT BELT

Installation on rear seats

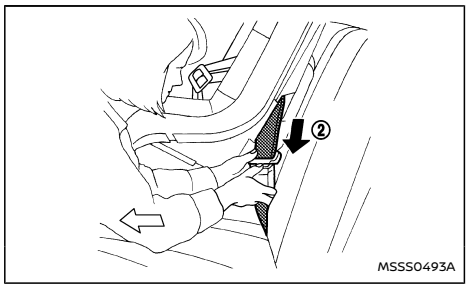
Front-facing:



Front-facing: Step 1

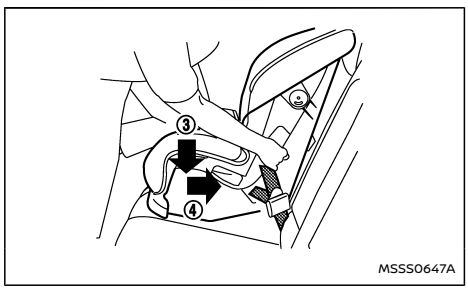
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the rear seats using three-point type seat belt without automatic locking mode:

1. Position the child restraint on the seat ①.



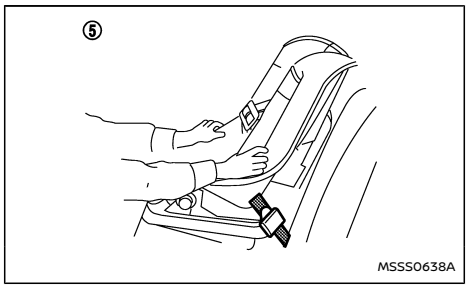
Front-facing: Step 2

2. Route the seat belt tongue through the child restraint and insert it into the buckle ② until you hear and feel the latch engage.
3. To prevent slack in the seat belt webbing, it is necessary to secure the seat belt in place with locking devices attached to the child restraint.



Front-facing: Step 4

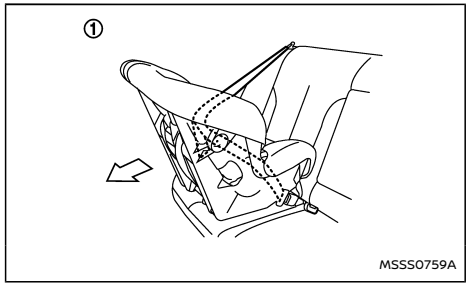
4. Remove any additional slack from the seat belt; press downward ③ and rearward ④ firmly in the centre of the child restraint with your knee to compress the vehicle seat cushion and seatback while pulling up on the seat belt. Adjustable seatbacks should be positioned to ensure full contact between the child restraint and seatback.



Front-facing: Step 5

5. Test the child restraint before you place the child in it ⑤. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
6. Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 3 through 5.

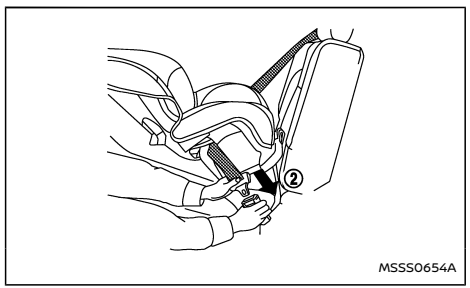
Rear-facing:



Rear-facing: Step 1

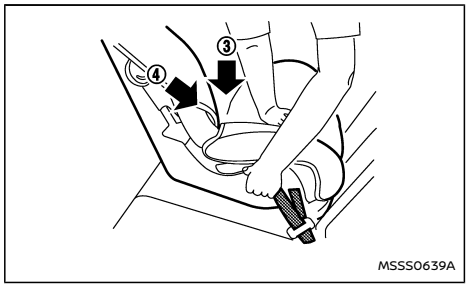
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a rear-facing child restraint on the rear seats using three-point type seat belt without automatic locking mode:

1. Position the child restraint on the seat ①.



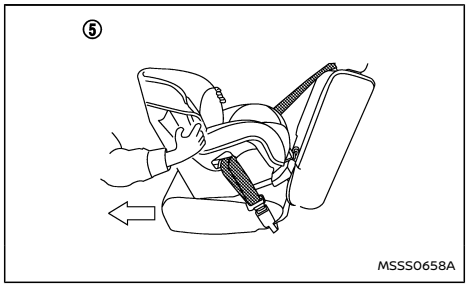
Rear-facing: Step 2

2. Route the seat belt tongue through the child restraint and insert it into the buckle ② until you hear and feel the latch engage.
3. To prevent slack in the seat belt webbing, it is necessary to secure the seat belt in place with locking devices attached to the child restraint.



Rear-facing: Step 4

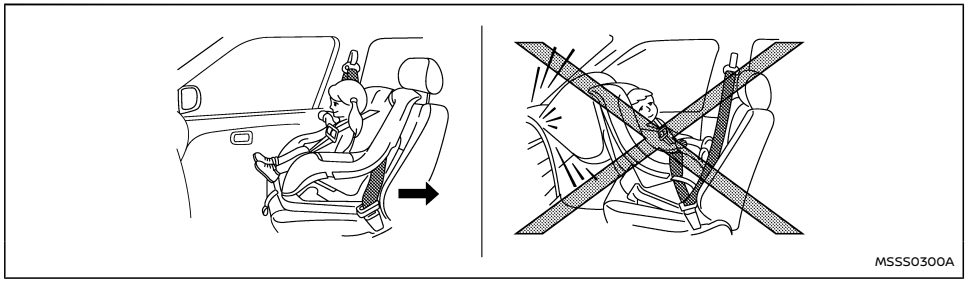
4. Remove any additional slack from the seat belt; press downward ③ and rearward ④ firmly in the centre of the child restraint with your hand to compress the vehicle seat cushion and seatback while pulling up on the seat belt.



Rear-facing: Step 5

5. Test the child restraint before you place the child in it ⑤. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
6. Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 3 through 5.

Installation on front passenger's seat

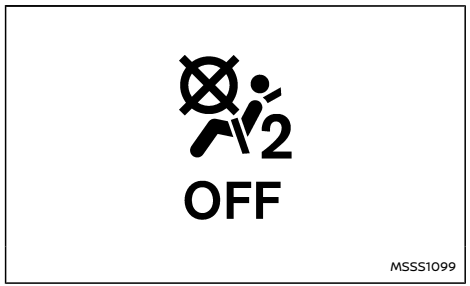

MSSS0300A

⚠ WARNING

- **Never install a rear-facing child restraint on the front passenger seat without first deactivating the passenger air bag with the front passenger air bag switch, see "Manual front-passenger air bag deactivation system" (P.101). The <PASSENGER AIR BAG OFF> indicator light , located on the roof console, must be lit. In a frontal collision, supplemental front-impact air bags inflate with great force. An inflating supplemental front-impact air bag could seriously injure or kill your child.**
- **Never install a child restraint with a top tether strap on the front seat.**
- **NISSAN recommends that a child restraint be installed on the rear seat. However, if you must install a child restraint on the front passenger's seat, move the passenger's seat to the rearmost position.**
- **Child restraints for infants must be used in the rear-facing direction and therefore must not be used on the front passenger's seat when the front passenger's air bag has not been deactivated.**
- **Failure to use the seat belts will result in the child restraint not being properly secured. It could tip over or otherwise be unsecured and cause injury to the child in a sudden stop or collision.**

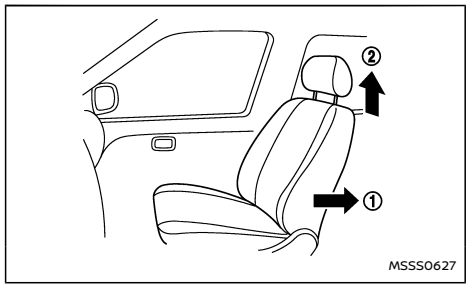
Front-facing:

Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the front passenger's seat using a three-point type seat belt.



MSSS1099

Front passenger air bag status light <OFF>



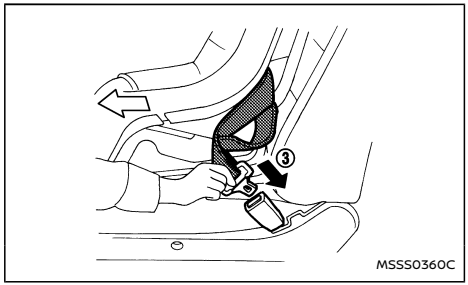
MSSS0627

Front-facing: Steps 1 and 2

1. If the child restraint is installed on the front passenger seat, turn off the front passenger air bag using the front passenger air bag switch (see "Manual front-passenger air bag deactivation system" (P.101)). Place the power switch in the ON position and make sure that the <PASSENGER AIR BAG OFF> light , located on the roof console, illuminates.

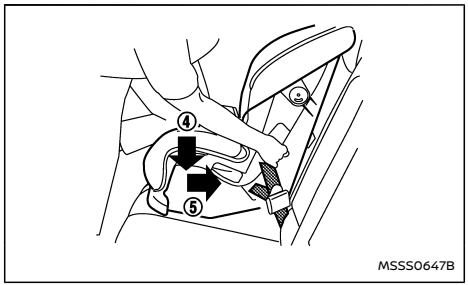
2. Move the seat to the rearmost position ①.
3. Adjust or remove the head restraint ② to obtain the correct child restraint fit.
4. Position the child restraint in the seat.

   Always follow the child restraint system manufacturer's instructions for installation and use.



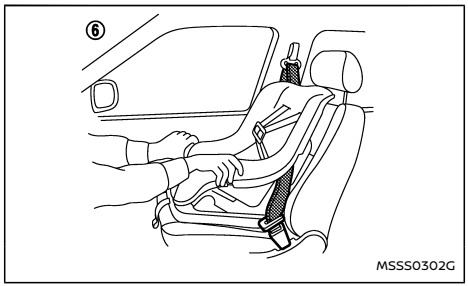
Front-facing: Step 4

5. Route the seat belt tongue through the child restraint and insert it into the buckle ③ until you hear and feel the latch engage.
6. To prevent slack in the seat belt webbing, it is necessary to secure the seat belt in place with locking devices attached to the child restraint.



Front-facing: Step 6

7. Remove any additional slack from the seat belt; press downward ④ and rearward ⑤ firmly in the centre of the child restraint with your knee to compress the vehicle seat cushion and seatback while pulling up on the seat belt.



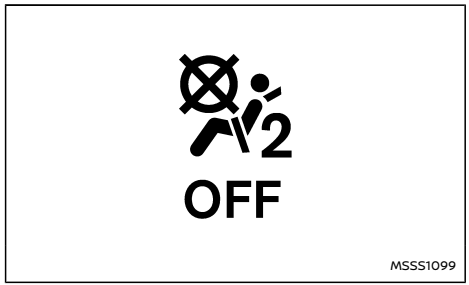
Front-facing: Step 7

8. Test the child restraint before you place the child in it ⑥. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
9. Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 5 through 7.

   If the child restraint is still loose, do not use it. Please check the child restraint system manufacturer's instructions for installation and use. Seek advice from a NISSAN certified electric vehicle dealer.

Rear-facing:

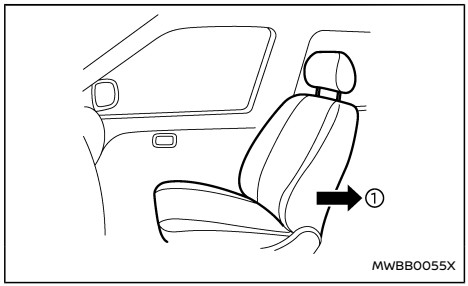
If you must install a child restraint in the front passenger's seat, follow these steps:



Front passenger air bag status light <OFF>

1. If the child restraint is installed on the front passenger seat, turn off the front passenger air bag using the front passenger air bag switch (see "Manual front-passenger air bag deactivation system" (P.101)). Place the power switch in the ON position and make sure that

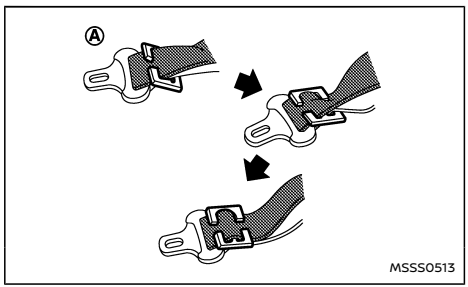
the <PASSENGER AIR BAG OFF> light , located on the roof console, illuminates.



Rear-facing: Step 2

2. Move the seat to the rearmost position ①.
3. Position the child restraint in the seat.

   Always follow the child restraint system manufacturer's instructions for installation and use.



4. Route the seat belt tongue through the child restraint and insert it into the buckle until you hear and feel the latch engage.

   To prevent slack in the lap belt, secure the shoulder belt in place with a locking clip Ⓐ. Use a locking clip attached to the child restraint, or one which is equivalent in dimensions and strength.

   Be sure to follow the child restraint system manufacturer's instructions for belt routing.
5. Slide the seat forwards so that the seat belt fully tightens the child restraint and the child restraint reaches the vehicle dashboard.
6. Test the child restraint before you place the child in it. Check that it does not tilt too far from side to side. Try to tug it forwards and check if it is held securely in place.

   If the child restraint is still not securely held in place, do not use it. Please check the child restraint system manufacturer's instructions for installation and use. Seek advice from a NISSAN dealer for correct child restraint installation.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

PRECAUTIONS ON SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

This Supplemental Restraint System (SRS) section contains important information concerning the driver's and passenger's supplemental front impact air bags, supplemental front central side-impact air bag, side-impact air bags, supplemental curtain side-impact air bags and pre-tensioner seat belts.

Supplemental front-impact air bag system

This system can help cushion the impact force to the head and chest areas of the driver and/or front passenger in certain frontal collisions. The supplemental front-impact air bag is designed to inflate on the front where the vehicle is impacted.

Supplemental side-impact air bag system

This system can help cushion the impact force to the chest and pelvis areas of the driver and front passenger in certain side-impact collisions. The supplemental side-impact air bag is designed to inflate on the side where the vehicle is impacted.

Supplemental front central side-impact air bag system (where fitted)

This system can help cushion the impact force to the head area of the driver and front passenger in certain side impact collisions. The front central side-impact air bag is designed to inflate in the front central area where the vehicle is impacted.

Supplemental curtain side-impact air bag system

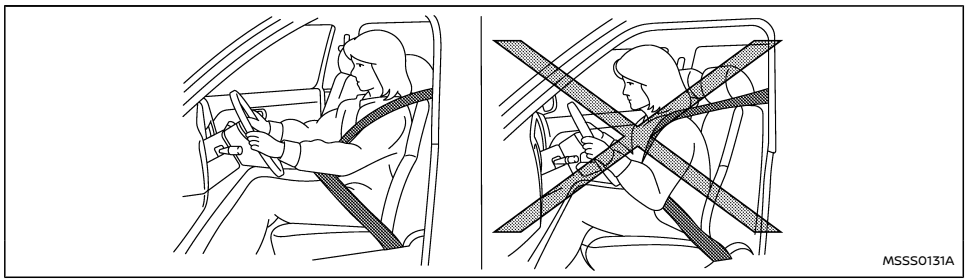
This system can help cushion the impact force to the head of the driver and passengers in front and rear outboard seating positions in certain side-impact collisions. The supplemental curtain side-impact air bag is designed to inflate on the side where the vehicle is impacted.

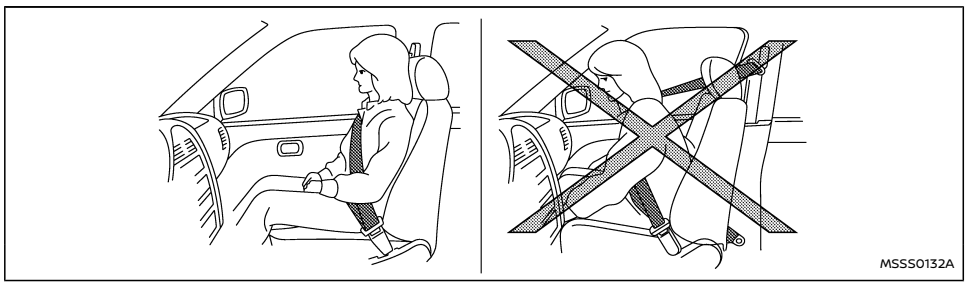
The SRS is designed to **supplement** the accident protection provided by the seat belts and **is not** designed to **substitute** for them. The SRS can help save lives and reduce serious injuries. However, inflating air bags may cause abrasions or other injuries. Air bags do not provide protection to the lower body. Seat belts should always be correctly worn and the occupants should always be seated a suitable distance away from the steering wheel, instrument panel and door finishers. (See "Seat belts" (P.73).) The air bags inflate quickly in order to help protect the occupants. The force of the air bags inflating can increase the risk of injury if the occupants are too close to, or are against, the air bag modules during inflation.

The front air bag and side-impact air bags will deflate quickly after deployment. The front centre side-impact air bag will remain inflated for a short period of time. The curtain side-impact air bags will remain inflated for up to 6 seconds.

The SRS operates only when the power switch is in the ON position.

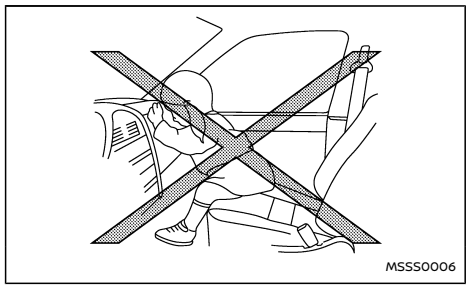
When the power switch is in the ON position, the SRS air bag warning light illuminates for about 7 seconds and then turns off. This indicates that the SRS is operational. (See "SRS air bag warning light" (P.97).)

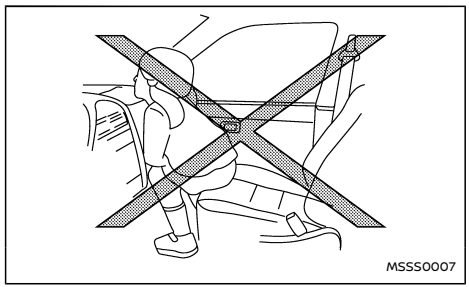

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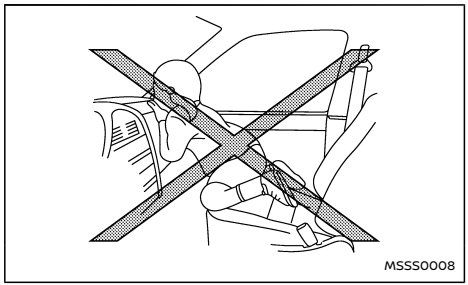

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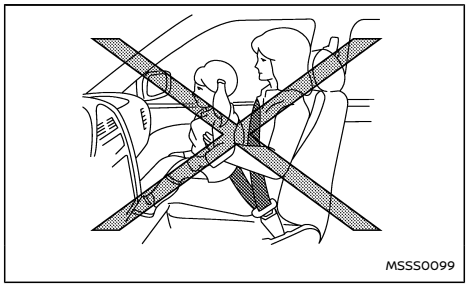
⚠ WARNING

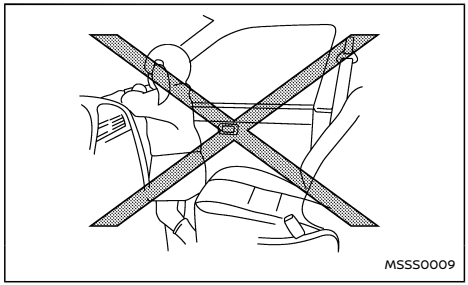
- **The supplemental front air bags ordinarily will not inflate in the event of a side impact, rear impact, or lower severity frontal collision. Always wear your seat belts to help reduce the risk or severity of injury in various kinds of accidents.**
- **The seat belts and the supplemental front-impact air bags are most effective when you are sitting well back and upright in the seat. The front-impact air bags inflate with great force. If you and your passengers are unrestrained, leaning forward, sitting sideways, or out of position in any way, you and your passengers are at greater risk of injury or death in an accident. You and your passengers may also receive serious or fatal injuries from the supplemental front-impact air bag if you are up against it when it inflates. Always sit back against the seatback and as far away as practical from the steering wheel or instrument panel. Always use the seat belts.**
- **Keep hands on the outside of the steering wheel. Placing them inside the steering wheel rim could increase the risk of injury if the supplemental front air bag inflates.**

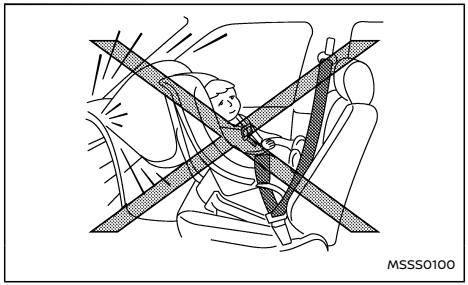

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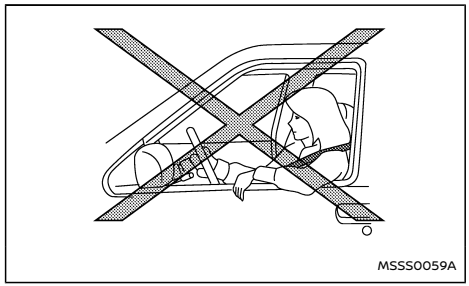

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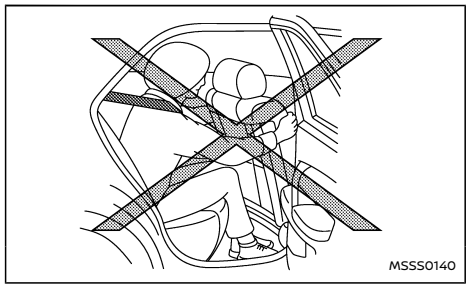

MSSS0009


MSSS0100

when the air bags inflate if they are not properly restrained.

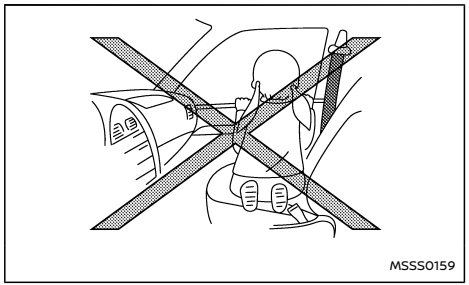
- **Never install a rear-facing child restraint system on the front passenger seat without ensuring that the front passenger air bag is deactivated. An inflating supplemental front-impact air bag could seriously injure or kill your child. (See "Child restraints" (P.78).)**

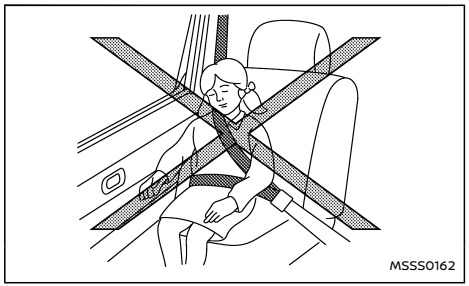

MSSS0059A


MSSS0140

⚠ WARNING

- **Never let children ride unrestrained or extend their hands or face out of the window. Do not attempt to hold them in your lap or arms. Some examples of dangerous riding positions are shown in the illustrations.**
- **Children may be severely injured or killed**


MSSS0159


MSSS0162

⚠ WARNING

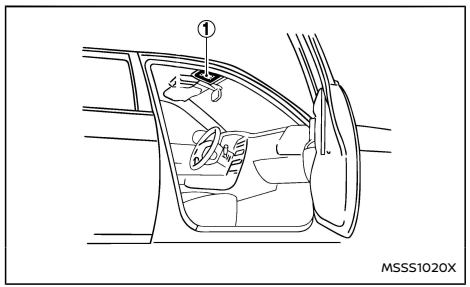
- **The supplemental front central side-impact air bag, side-impact air bags and curtain side-impact air bags ordinarily will not inflate in the event of a front impact, rear impact, or lower severity side collision. Always wear the seat belts to help reduce the risk or severity of injury in accidents.**
- **The seat belts and the supplemental front central side-impact air bag, supplemental side-impact air bags and supplemental curtain side-impact air bags are most effective when you are sitting well back and upright in the seat. The supplemental front centre side-impact air bag, supplemental side-impact air bags and supplemental curtain side-impact air bags inflate with great force. If you and your passengers are unrestrained, leaning forward, sitting sideways, or out of position in any way, you and your passengers are at greater risk of injury or death in an accident.**
- **Do not allow anyone to place their hands, legs or face near the front central side-impact air bag, side-impact air bags and curtain side-impact air bags located on the centre of the seatback of the driver's seat, sides of the seatback of the front seats or near the side roof rails. Do not allow anyone sitting in the front seats or rear outboard seats to extend their hands out of the windows or lean against the doors. Some examples of dangerous riding positions are shown in the illustrations.**
- **When sitting in the rear seats, do not hold onto the seatback of the front seats. If the supplemental front central side-impact air bag, supplemental side-impact air bags and supplemental curtain side-impact air bags inflate, you may be seriously injured. Be especially careful with children, who should always be properly restrained.**
- **Do not use seat covers on the front seatbacks. They may interfere with the supplemental front central side-impact air bag, supplemental side-impact air bag inflations.**

Pre-tensioner seat belt system

The pre-tensioner seat belt system may activate with the supplemental air bag system in certain types of collisions.

Working with the seat belt retractors and front lap outer anchors, it helps tighten the seat belt the instant the vehicle becomes involved in certain types of collisions, helping to restrain front and rear outboard seat occupants. (See "Pre-tensioner seat belt system" (P.100).)

Air bag warning labels



MSSS1020X

The warning label ① is located on the surface of the passenger's sun visor.

The label(s) warn you not to fit a rear-facing child

restraint system on the front passenger seat as such a restraint system used in this position could cause serious injury to the infant in case of air bag deployment during a collision.



① Air bag warning label

The label warns:

"NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIR BAG in front of it. DEATH or SERIOUS INJURY to the CHILD can occur."

In vehicles equipped with a front-impact passenger air bag system, use a rear-facing child restraint system only on the rear seats.

When installing a child restraint system in your vehicle, always follow the child restraint system manufacturer's instructions for installation. For additional information, see "Child restraints" (P.78).

SRS air bag warning light



The supplemental air bag warning light, displaying in the meter monitors the circuits for the air bag systems, pre-tensioner seat belt system and all related wiring.

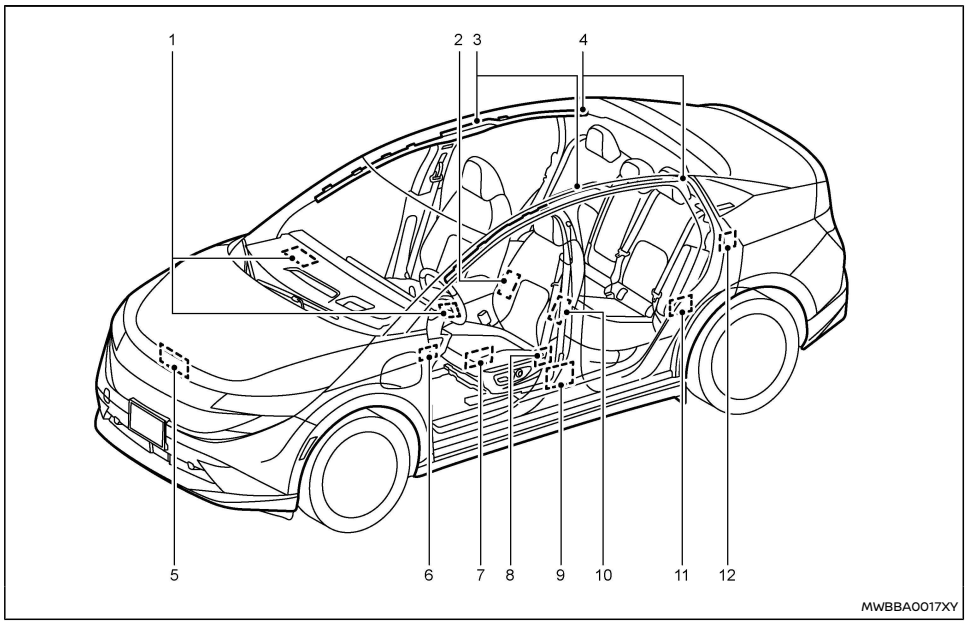
When the power switch is in the ON or READY to drive position, the SRS air bag warning light illuminates for about 7 seconds and then turns off. This indicates that the SRS air bag systems are operational.

If any of the following conditions occur, the air bag and/or pre-tensioner seat belt systems need servicing:

- The SRS air bag warning light remains on after approximately 7 seconds.
- The SRS air bag warning light flashes intermittently.
- The SRS air bag warning light does not illuminate at all.

Under these conditions, the air bag, pre-tensioner seat belt and/or occupant classification sensor systems may not operate properly. They must be checked and repaired. Contact a NISSAN certified electric vehicle dealer immediately.

SUPPLEMENTAL AIR BAG SYSTEMS



Example

1. Supplemental front-impact air bag modules
2. Front central seat-mounted side-impact supplemental air bag (where fitted)
3. Roof-mounted curtain side-impact and roll-over supplemental air bag inflators
4. Roof-mounted curtain side-impact and roll-over supplemental air bag modules
5. Crash zone sensor
6. Air bag Control Unit (ACU)
7. Front door pressure sensors (driver's side shown; front passenger side similar)
8. Lap outer pretensioners (front seats)
9. Seat belt with pretensioners (front seats)
10. Front seat-mounted side-impact supplemental air bag modules (driver's side shown; front passenger side similar)
11. Satellite sensors (driver's side shown; front passenger side similar)
12. Seat belt with pretensioners (rear left side shown; rear right side similar)

⚠ WARNING

- **Do not place any objects on the steering wheel pad, on the instrument panel, and near the front door finishers and the front seats. Do not place any objects between any occupants and the steering wheel pad, on the instrument panel, and near the front door finishers and the front seats. Such objects may become dangerous projectiles and cause injury if a supplemental air bag inflates.**
- **Immediately after inflation, several supplemental air bag system components will be hot. Do not touch them: you may severely burn yourself.**
- **No unauthorised changes should be made to any components or wiring of the supplemental air bag systems. This is to prevent accidental inflation of the supplemental air bags or damage to the supplemental air bag systems.**
- **Do not make unauthorised changes to**

your vehicle's electrical system, suspension system, front end structure and side panels. This could affect proper operation of the supplemental air bag systems.

- **Tampering with the supplemental air bag systems may result in serious personal injury. Tampering includes changes to the steering wheel and the instrument panel by placing materials over the steering wheel pad and above, around or on the instrument panel or by installing additional trim materials around the supplemental air bag systems.**
- **Work on and around the supplemental air bag systems should be done by a NISSAN certified electric vehicle dealer. The SRS wiring should not be modified or disconnected. Unauthorised electrical test equipment and probing devices should not be used on the supplemental air bag systems.**
- **The SRS wiring harness connectors are yellow and/or orange for easy identification.**

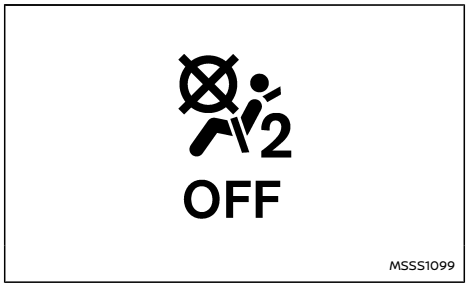
When the air bags inflate, a fairly loud noise may be heard, followed by the release of smoke. This smoke is not harmful and does not indicate a fire. Care should be taken not to inhale it, as it may cause irritation and choking. Those with a history of a breathing condition should get fresh air promptly.

Supplemental front-impact air bag system

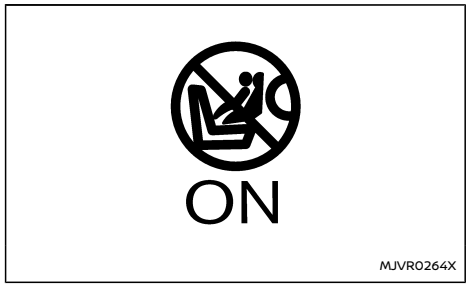
The driver's supplemental front-impact air bag is located at the centre of the steering wheel. The passenger's supplemental front-impact air bag is located at the instrument panel above the glove box.

The supplemental front-impact air bag system is designed to inflate in higher severity frontal collisions, although it may inflate if the forces in another type of collision are similar to those of a higher severity frontal impact. It may not inflate in certain frontal collisions. Vehicle damage (or lack of it) is not always an indication of proper supplemental front-impact air bag system operation.

Front passenger air bag status light:



OFF light



ON light

⚠ WARNING

Never install a rear-facing child restraint system on the front passenger seat without deactivating front passenger airbag, see "Manual front–passenger air bag deactivation system" (P.101). The <PASSENGER AIR BAG OFF> indicator must be lit. In a frontal collision, supplemental front impact air bags inflate with great force. An inflating supplemental front-impact air bag could seriously injure or kill your child.

The status of the front passenger air bag (ON or OFF) is indicated by the front passenger air bag status lights <PASSENGER AIR BAG OFF> and <PASSENGER AIR BAG ON> which are located on the roof console.

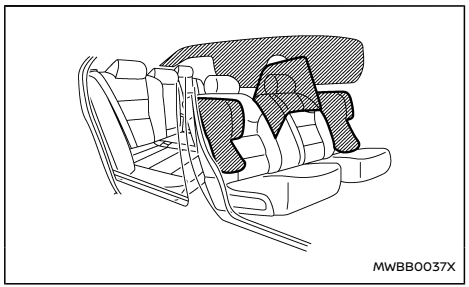
After the power switch is placed in the ON position, the <PASSENGER AIR BAG OFF> and <PASSENGER AIR BAG ON> indicator lights must

light up simultaneously for approximately 7 seconds.

The indicator lights display the status of the front passenger front air bag:

- <PASSENGER AIR BAG ON> lights up: the front passenger front air bag is enabled. If, in the event of an accident, all deployment criteria are met, the front passenger front air bag is deployed.
- <PASSENGER AIR BAG OFF> lights up: the front passenger front air bag is disabled. It will then not be deployed in the event of an accident.

Supplemental side-impact air bag system



The supplemental side-impact air bag is located at the outside of the front seats' seatbacks.

The supplemental side-impact air bag system is designed to inflate in higher severity side collisions, although it may inflate if the forces in another type of collision are similar to those of a higher severity side impact. It may not inflate in certain side collisions. Vehicle damage (or lack of it) is not always an indication of proper supplemental side-impact air bag system operation.

Supplemental front central side-impact air bag system (where fitted)

The supplemental front central side-impact air bag is located at the inside of the driver's seats' seatback.

The supplemental front central side-impact air bag system is designed to inflate in higher severity side collisions, although it may inflate if the forces in another type of collision are similar to those of a higher severity side impact. It may not inflate in certain side collisions. Vehicle damage (or lack of it) is not always an indication of proper supplemental front central side-impact air bag system operation.

Supplemental curtain side-impact air bag system

The supplemental curtain side-impact air bag is located at the roof rails.

The supplemental curtain side-impact air bag system is designed to inflate in higher severity side collisions, although it may inflate if the forces in another type of collision are similar to those of a higher severity side impact. It may not inflate in certain side collisions. Vehicle damage (or lack of it) is not always an indication of proper supplemental curtain side-impact air bag system operation.

PRE-TENSIONER SEAT BELT SYSTEM

⚠ WARNING

- **The pre-tensioner seat belt cannot be reused after activation. It must be replaced together with the retractor and buckle as a unit.**
- **If the vehicle becomes involved in a collision but the pre-tensioner is not activated, be sure to have the pre-tensioner system checked and, if necessary, replaced by a NISSAN certified electric vehicle dealer.**
- **No unauthorised changes should be made to any components or wiring of the pre-tensioner seat belt system. This is to prevent accidental activation of the pre-tensioner seat belt or damage to the pre-tensioner seat belt system.**
- **Work around or on the pre-tensioner seat belt system should be done by a NISSAN certified electric vehicle dealer. The SRS wiring should not be modified or disconnected. Unauthorised electrical test equipment and probing devices should not be used on the pre-tensioner seat belt system.**
- **If you need to dispose of the pre-tensioner seat belt system, or scrap the vehicle, contact a NISSAN certified electric vehicle dealer. Correct pre-tensioner disposal procedures are set forth in the appropriate NISSAN Service Manual. Incorrect disposal procedures could cause personal injury.**

The pre-tensioner seat belt system may activate with the supplemental air bag system in certain types of collisions.

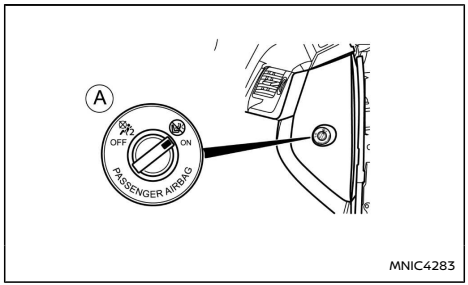
Working with the seat belt retractor, it helps tighten the seat belt when the vehicle becomes involved in certain types of collisions, helping to restrain the occupants.

The pre-tensioner is encased with the front and rear outboard seat belt's retractor and anchor. These seat belts are used the same as conventional seat belts.

When the pre-tensioner seat belt activates, a fairly loud noise may be heard, followed by the release of smoke. This smoke is not harmful and does not indicate a fire. Care should be taken not to inhale it, as it may cause irritation and choking. Those with a history of a breathing condition should get fresh air promptly.

MANUAL FRONT-PASSENGER AIR BAG DEACTIVATION SYSTEM

The front passenger air bag can be turned off with the front passenger air bag switch Ⓐ located on the trim panel at the side of the dashboard.



LHD models

Ⓐ Air bag switch

To turn off the front passenger air bag:

1. Place the power switch in the OFF position.
2. Open the front passenger door.
3. Push and turn the front passenger air bag to the OFF position.
4. Push the power switch to the ON position. The <PASSENGER AIR BAG OFF> indicator light will illuminate and remain lit.

To turn on the front passenger air bag:

1. Place the power switch in the OFF position.
2. Open the front passenger door.
3. Push and turn the front passenger air bag to the ON position.
4. Push the power switch to the ON position. The <PASSENGER AIR BAG ON> indicator light will illuminate and remain lit

REPAIR AND REPLACEMENT PROCEDURE

⚠ WARNING

- **Once the air bags have been inflated, the air bag modules will not function and must be replaced. The air bag modules must be replaced by a NISSAN certified electric vehicle dealer. The inflated air bag modules cannot be repaired.**
- **The air bag systems should be inspected by a NISSAN certified electric vehicle dealer if there is any damage to the front end or side portion of the vehicle.**
- **If you need to dispose of the SRS or scrap the vehicle, contact a NISSAN certified electric vehicle dealer. Correct disposal procedures are set forth in the appropriate NISSAN Service Manual. Incorrect disposal procedures could cause personal injury.**

The air bags and pre-tensioner seat belts are designed to activate on a one-time-only basis. As a reminder, unless the SRS air bag warning light is damaged, the SRS air bag warning light remains illuminated after inflation has occurred. The repair and replacement of the SRS should be done only by a NISSAN certified electric vehicle dealer.

When maintenance work is required on the vehicle, information about the air bags, pre-tensioner seat belts and related parts should be pointed out to the person performing the maintenance. The power switch should always be in the "OFF" position when working under the bonnet or inside the vehicle.

MEMO

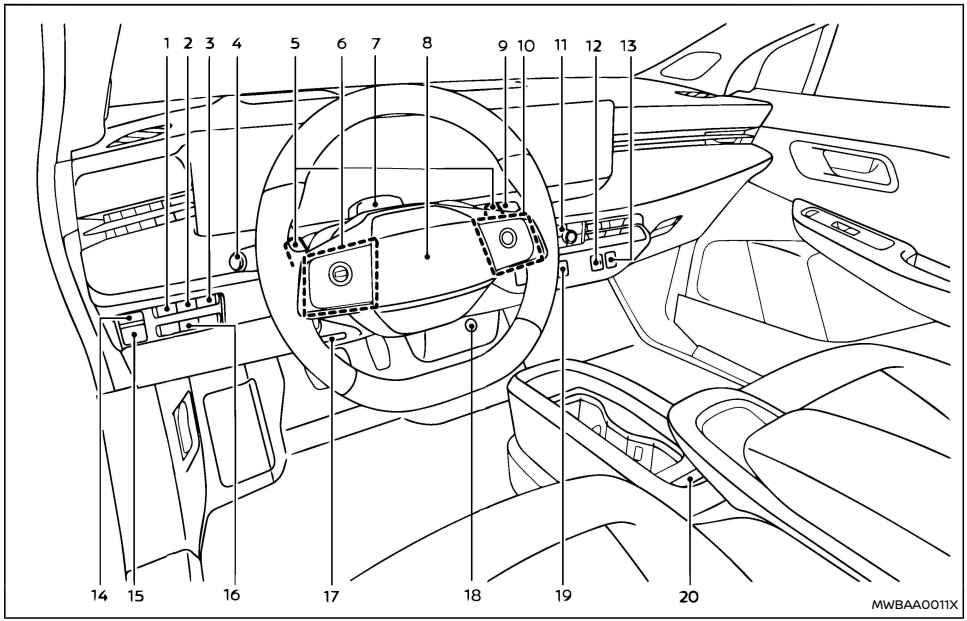
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COCKPIT

LEFT-HAND DRIVE (LHD) MODEL

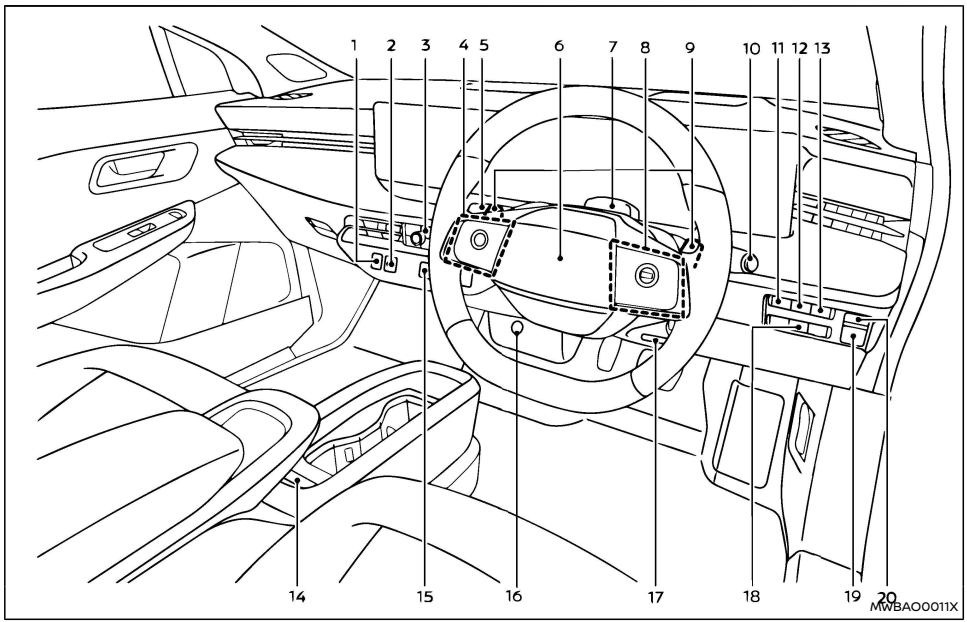


1. Headlight aiming control switch (P. 166)
2. Steering Assist switch (P. 168)
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10. Steering-wheel-mounted controls (right side)
    — Audio control**
    — Vehicle information display control (P.127)
    — Bluetooth® Hands-Free Phone System switches**
    — Voice Recognition system switch**
11. Hazard indicator flasher switch (P.416)
12. Drive Mode Selector (P.276)
13. e-Pedal switch (P.269)
14. Automatic brake hold switch (P.273)
15. Electric parking brake switch (P. 271)
16. Head Up Display (HUD) switch* (P.155)
17. Tilt and telescopic steering wheel control (P.212)
18. Power outlet (P.169)
19. Shift buttons (P.265)
20. USB (Universal Serial Bus) connection ports * (P. 169)

*: where fitted

**: See the separate NissanConnect Owner's Manual.

RIGHT-HAND DRIVE (RHD) MODEL



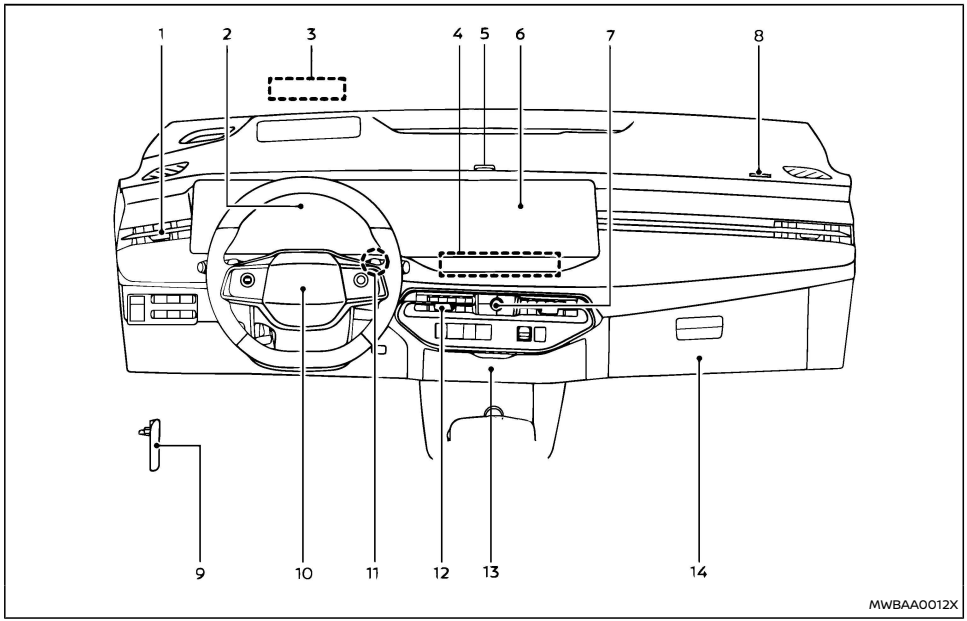
1. e-Pedal switch (P.269)
2. Drive Mode Selector (P.276)
3. Hazard indicator flasher switch (P.416)
4. Steering-wheel-mounted controls (left side)
   — ProPILOT Assist switch* (P.328)
   — Speed limiter switch (P.312)
   - Volume control **
5. Headlight and turn signal switch (P.161)
6. Steering wheel (P.212)
   — Horn (P.167)
7. Driver facing camera (where fitted) (P.387)
8. Steering-wheel-mounted controls (right side)
   — Audio control**
   — Vehicle information display control (P.127)
   — Bluetooth® Hands-Free Phone System switches**
   — Voice Recognition system switch**
9. Paddle selector (P.268)
10. Wiper and washer switch (P.159)
11. Power tailgate switch (where fitted) (P.208)
12. Steering Assist switch (P. 168)
13. Headlight aiming control switch (P. 166)
14. USB (Universal Serial Bus) connection ports * (P. 169)
15. Shift buttons (P.265)
16. Power outlet (P.169)
17. Tilt and telescopic steering wheel control (P.212)
18. Head Up Display (HUD) switch* (P.155)
19. Electric parking brake switch (P. 271)
20. Automatic brake hold switch (P.273)

*: where fitted

**: See the separate NissanConnect Owner's Manual.

INSTRUMENT PANEL

LEFT-HAND DRIVE (LHD) MODEL

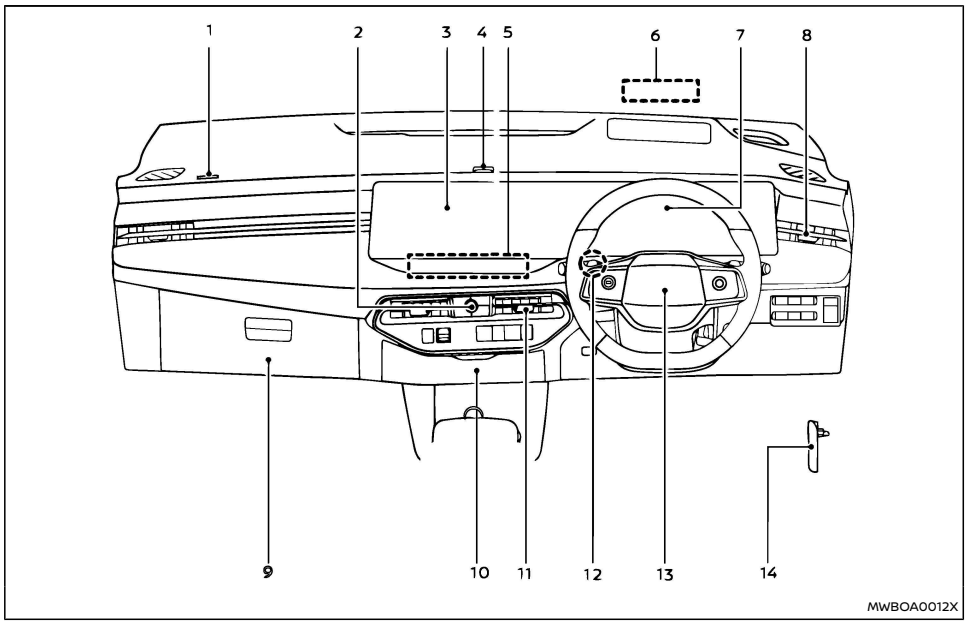


1. Side vent (P.243)
2. Meters and gauges (P.109)
   —Vehicle information display (P.126)
   —Clock (P.152)
3. Head Up Display (HUD)* (P.155)
4. Heater and air conditioner control (P.244)
   — Rear window and outside mirror defroster switch (P.161)
   - Windshield wiper deicer switch* (P. 161)
   - Heated seat (left and right)* (P. 68)
5. Charging status indicator light (P.55)
6. Touch screen display
   — Audio system** or navigation system**
   — Intelligent Around View Monitor* (P.226)
   — Bluetooth® Hands-Free Phone System**
   — Heater and air conditioner control (P.244)
   — Heated seat* (P.68)
   — Heated steering wheel* (P.168)
7. Audio switch**
8. Front passenger supplemental air bag (P.93)
9. Bonnet release handle (P.207)
10. Driver supplemental front-impact air bag (P.93)
11. Push-button power switch (P.262)
12. Center vent (P.243)
13. Center storage (P.181)
14. Glove box (P.181)

*: where fitted

**: See the separate NissanConnect Owner's Manual.

RIGHT-HAND DRIVE (RHD) MODEL

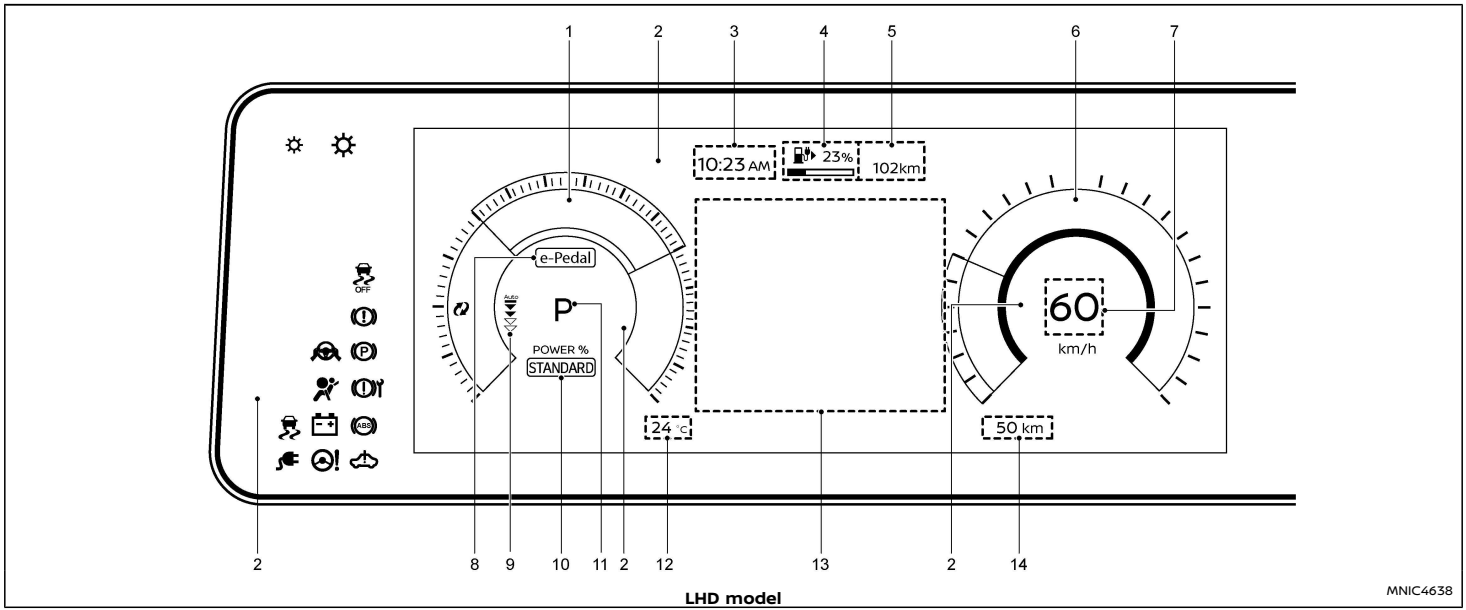


1. Front passenger supplemental air bag (P.93)
2. Audio switch**
3. Touch screen display
   - — Audio system** or navigation system**
   - — Intelligent Around View Monitor* (P.226)
   - — Bluetooth® Hands-Free Phone System**
   - — Heater and air conditioner control (P.244)
   - — Heated seat* (P.68)
   - — Heated steering wheel* (P.168)
4. Charging status indicator light (P.55)
5. Heater and air conditioner control (P.244)
   - — Rear window and outside mirror defroster switch (P.161)
   - - Windscreen wiper deicer switch* (P. 161)
   - - Heated seat (left and right)* (P. 68)
6. Head Up Display (HUD)* (P.155)
7. Meters and gauges (P.109)
   - —Vehicle information display (P.126)
   - —Clock (P.152)
8. Side vent (P.243)
9. Glove box (P.181)
10. Center storage (P.181)
11. Center vent (P.243)
12. Push-button power switch (P.262)
13. Driver supplemental front-impact air bag (P.93)
14. Bonnet release handle (P.207)

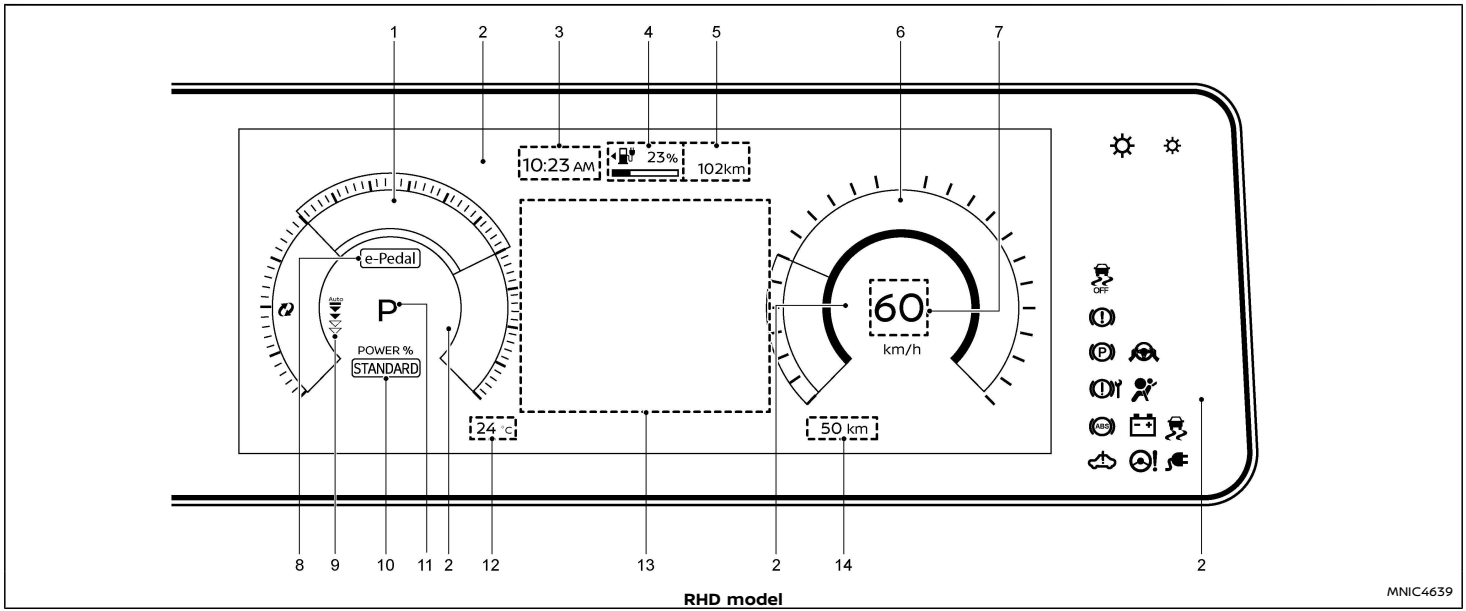
*: where fitted

**: See the separate NissanConnect Owner's Manual.

METERS AND GAUGES



LHD model



RHD model

1. Power meter (P.112)
2. Warning and indicator lights (P.115)
3. Clock (P.152)
4. Li-ion battery available charge gauge (P.112)
5. Estimated driving range (P.113)
6. Speedometer (P.112)
7. Vehicle speed (P.112)
8. e-Pedal indicator (P.114, P.269)
9. Regenerative braking intensity indicator (P. 268)
10. Drive Mode Selector indicator (P.276)
11. Shift position indicator (P.114)
12. Outside air temperature (P. 152)
13. Vehicle information display (P. 126)
14. Odometer (P. 112)

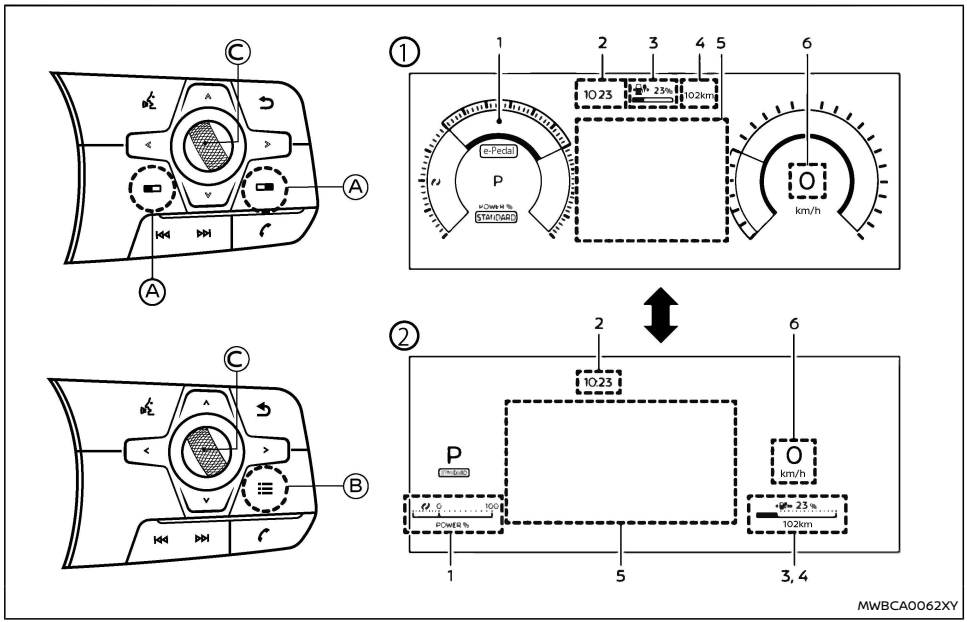
The view of the meter screen can be changed. (See "Changing the meter screen view" (P.111).)

- For cleaning, use a soft cloth, dampened with water. Never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent.

They will scratch or cause discoloration to the lens.

- Do not spray any liquid such as water on the meter lens. Spraying liquid may cause the system to malfunction.

CHANGING THE METER SCREEN VIEW



Example

The meter screen view can be changed from Classic View ① to Enhanced view ② to expand the vehicle information display area.

1. Power meter
2. Clock
3. Li-ion battery available charge gauge
4. Estimated driving range
5, Vehicle information display
6. Vehicle speed

The meter screen view can be changed to expand the vehicle information display area.

To change the meter screen view:

1. **Type A** (where fitted): Push the control switch Ⓐ, ▬ (for LHD models) or ▬ (for RHD models), on the right side of the steering wheel while the colour of the button is in orange. [Shortcut Menu] menu appears on the vehicle information display area.

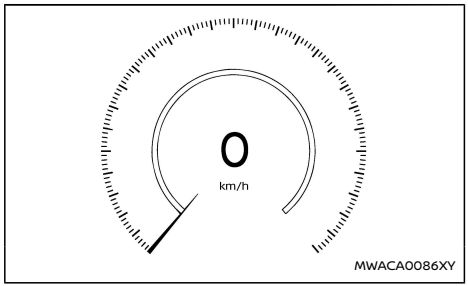
   Type B (where fitted): Push the control switch Ⓑ on the right side of the steering wheel.

   [Shortcut Menu] appears on the vehicle information display area.

2. Select [Change Display View] by rotating the scroll dial Ⓒ and push it to change the view.

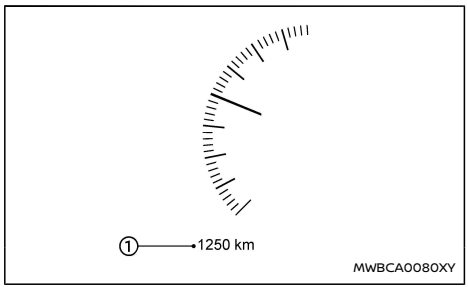
SPEEDOMETER AND ODOMETER

Speedometer



The speedometer indicates vehicle speed (km/h or MPH).

Odometer

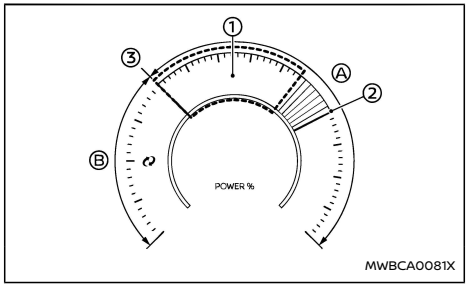


The odometer ① is displayed in the vehicle information display:

- when the power switch is in the ON or READY to drive position
- for a period of time after the power switch was placed in the OFF position

The odometer displays the total distance the vehicle has been driven.

POWER METER



The power meter displays the traction motor power level when the accelerator pedal is depressed, as well as the level of power regeneration provided to the Li-ion battery by the regenerative brake.

This meter displays the actual traction motor power consumption Ⓐ and the regenerative brake power provided to the Li-ion battery Ⓑ. The white illuminated part ① in the display moves right or left depending on demand.

The power meter is in a neutral state ③.

The blue and white illuminated part moves to the right when power is provided to the traction motor (Li-ion battery discharges).

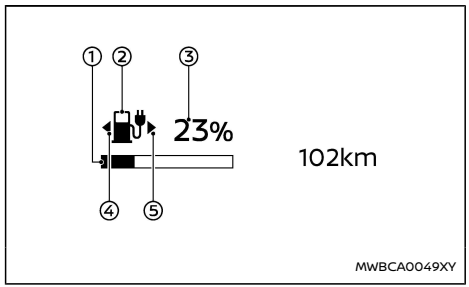
The white illuminated part moves to the left when power is generated and provided to the Li-ion battery by the regenerative brake system (Li-ion battery charging).

The power meter also indicates if the power provided to the motor is limited. When power is limited, a guidance line of the limitation ② is displayed.

Regenerative braking is automatically reduced when the Li-ion battery is fully charged to prevent the Li-ion battery from becoming overcharged. Regenerative braking is also automatically reduced when the Li-ion battery temperature is high/low to prevent Li-ion battery damage.

If the Li-ion battery charge is low, power provided to the traction motor is reduced. Motor output is also limited if the Li-ion battery temperature is high/low.

LI-ION BATTERY AVAILABLE CHARGE GAUGE



① The gauge indicates the approximate remaining Li-ion battery charge available to drive the vehicle.

② Low battery charge warning light illuminates in yellow when the available Li-ion battery charge is getting low.

③ This figure shows the current state of charge (%) of the Li-ion battery.

④ Indicates the location of the charge port lid (RHD models).

⑤ Indicates the location of the charge port lid (LHD models).

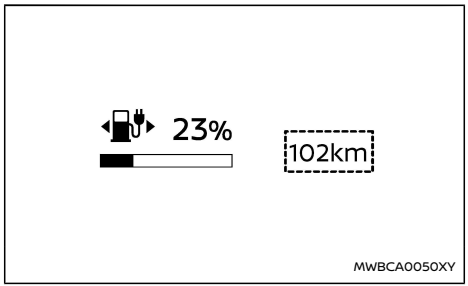
Charge the Li-ion battery before the percentage figure becomes "0".

When the low battery charge warning light illuminates in yellow, charge as soon as it is convenient, preferably before the percentage figure becomes "0". When the percentage figure becomes "0" and the low battery charge warning light (yellow) illuminates, there is a very small reserve of Li-ion battery charge remaining.

NOTE:

- **The length of the bar of the gauge is determined by the available charge and the amount of charge the Li-ion battery is capable of storing at the current temperature.**
- **Temperature affects the amount of charge the Li-ion battery is capable of storing. The Li-ion battery is capable of storing less power when the Li-ion battery temperature is cold. The Li-ion battery is capable of storing more power when the Li-ion battery is warm. The length of the bar of the gauge can change based on the amount of power the Li-ion battery is capable of storing. For example, when the Li-ion battery becomes colder, a longer bar is shown because the available charge is a greater percentage of the Li-ion battery's capability of storing power. When the Li-ion battery becomes warmer, a shorter bar is shown because the remaining energy is a lower percentage of the Li-ion battery's capability of storing power.**
- **If the battery temperature is low, updates of the remaining battery level may be temporarily slower.**
- **If the outside temperature is low, the Li-ion battery charge gauge may fluctuate, but this is not a malfunction. This is because the maximum charging capacity changes when the battery temperature is too low. When the battery warms up, the maximum charging capacity returns to normal.**

ESTIMATED DRIVING RANGE



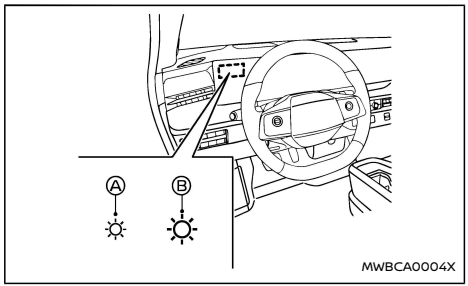
The driving range (km or miles) provides an estimated distance that the vehicle can be driven before recharging is necessary. The driving range or Distance to Empty (DTE) is constantly being calculated, based on the amount of available Li-ion battery charge and the actual power consumption average.

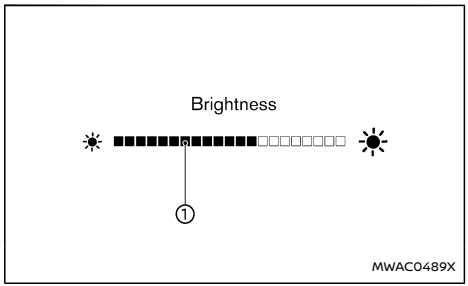
The displayed driving range is the distance calculated based on the current driving style.

NOTE:

- **If you continue to drive the vehicle after the low battery charge warning light (yellow) illuminates and the Li-ion battery is close to being completely discharged, "---" will be displayed. Charge the Li-ion battery as soon as possible. When the Li-ion battery is charged, the original display will be restored.**
- **After the Li-ion battery is charged, the displayed driving range is calculated based on the representative or typical value that reflects average energy consumption of previous journeys. The displayed driving range will vary every time the Li-ion battery is fully charged.**
- **The driving range will increase or decrease based on driving, air conditioning on/off status and the battery heater on/off status.**
- **Estimated driving range after the delivery to the customer is calculated using representative average energy consumption. Over the time, the estimated driving range will be adjusted to match the customer's usage patterns.**

INSTRUMENT BRIGHTNESS CONTROL





The instrument brightness control switch can be operated when the power switch is in the ON position. When the switch is operated, the vehicle information display switches to the brightness adjustment mode.

Touch the switch Ⓐ to dim the instrument panel lights. The bar ① moves to the left side.

Touch the switch Ⓑ to brighten the lights. The bar ① moves to the right side.

The vehicle information display returns to the normal display when the instrument brightness control switch is not operated for more than 5 seconds.

SHIFT POSITION INDICATOR

The shift position indicator indicates the shift position when the power switch is in the ON or READY to drive position. (See "15. Shift position indicator" (P.139).)

e-Pedal INDICATOR

The e-Pedal indicator in the vehicle information display shows the status of the e-Pedal system. When the e-Pedal system is turned on, the indicator changes to blue and displays [e-Pedal]. When the e-Pedal system is turned off, the indicator changes to grey and displays [e-Pedal OFF].

For additional information, see "e-Pedal system" (P.269).

WARNING LIGHTS, INDICATOR LIGHTS AND AUDIBLE REMINDERS

Warning/indicator lights (red)		Warning/indicator lights (yellow)		Warning/indicator lights (other)	
	12-volt battery charge warning light		Anti-lock Braking System (ABS) warning light		Automatic brake hold indicator light (white)
	Electric power steering warning light		Brake system warning light (yellow)		Automatic brake hold indicator light (green)
	Electric shift control system warning light		Electric power steering warning light		Exterior light indicator
	Electric parking brake warning light		EV system warning light		Front fog light indicator light (where fitted)
	Hands OFF warning light (where fitted)		Intelligent Driver Alertness indicator light		High beam assist indicator light (where fitted) Adaptive Driving Beam indicator light (where fitted)
	Master warning light		Intelligent Emergency Braking system OFF warning light		High beam indicator light
	Seat belt warning light and chime		Low battery charge warning light		Hill Start Assist system indicator light
	Supplemental air bag warning light		Low tyre pressure warning light		Plug in indicator light
	Emergency stop assist active warning		Master warning light	READY	READY to drive indicator light
			Power limitation indicator light		Turn signal/hazard indicator lights
			Rear Automatic Braking (RAB) system OFF warning light (where fitted)		Traffic Sign Recognition (TSR) Off warning light (white)
			Rear fog light indicator light		Regenerative braking intensity indicator

	Slip indicator light
	Electronic Stability Programme (ESP) off indicator light
	Traffic Sign Recognition (TSR) Failure warning light
	Emergency stop assist failure warning
	Driver monitor indicator light
	Driver monitor OFF indicator light

CHECKING LIGHTS

With all doors closed, apply the parking brake, fasten the seat belts and place the power switch in the ON position without starting the EV system. The following lights (where fitted) will come on:

The following lights (where fitted) come on briefly and then go off:

(red), (yellow),

If any light does not come on or operates in a way other than described, it may indicate a burned-out bulb and/or a system malfunction. It is recommended you have the system checked by a NISSAN certified electric vehicle dealer.

WARNING/INDICATOR LIGHTS (red)

See "Vehicle information display" (P.126).

12-volt battery charge warning light

The DC/DC converter converts 400 volt Li-ion battery voltage to charge the 12-volt battery.

When the power switch is in the ON position, the 12-volt battery charge warning light illuminates and then turns off.

When this warning light illuminates with the power switch in the READY to drive position, a chime sounds and the following warning lights also illuminate.

- Master warning light (red)
- EV system warning light

The following messages also appear on the vehicle information display.

If the vehicle is being driven: [Stop safely] and if the vehicle is stopped: [Apply parking brake]. When these messages appear, immediately stop the vehicle in a safe location, apply the parking brake and push the shift button P to the P (Park) position. The warning and the chime will stop once the parking brake is operated or the vehicle is in the P (Park) position. Contact a NISSAN certified electric vehicle dealer for support.

CAUTION

- **The DC/DC converter system may not be functioning properly if the 12-volt battery charge warning light illuminates continuously when the power switch is in the READY to drive position. Immediately stop the vehicle in a safe location and contact a NISSAN certified electric vehicle dealer.**
- **If the 12-volt battery charge warning light illuminates continuously when the power switch is in the READY to drive position, do not charge the 12-volt battery. It may lead to a malfunction of the DC/DC converter system. Contact a NISSAN certified electric vehicle dealer.**

NOTE:

- **If the vehicle does not go into the READY to drive position (when the power switch is pushed with the brake pedal is depressed), jump-start the vehicle to place the power switch in the READY to drive position. See "Jump starting" (P.422).**
- **Do not jump-start the vehicle and contact a NISSAN certified electric vehicle dealer for inspection:**
  - **If the 12-volt battery charge warning light turns off when the vehicle is in the READY to drive mode, the 12-volt battery may be discharged or there may be a malfunction in the 12-volt battery related system.**
  - **If the 12-volt battery charge warning light continues to illuminate when the vehicle is in the READY to drive mode, there may be a malfunction in the DC/DC converter. Contact a NISSAN certified electric vehicle dealer for inspection.**

Brake warning light (red)

When the power switch is placed in the ON position or in the READY to drive position, the brake warning light remains illuminated for about a few seconds. If the brake warning light illuminates at any other time, it may indicate that the hydraulic brake system is not functioning properly. If the brake warning light illuminates, stop the vehicle immediately and contact a NISSAN certified electric vehicle dealer.

A buzzer sounds if a malfunction occurs in the brake system power supply.

Low brake fluid warning light:

When the power switch is placed in the ON or READY to drive position, the brake warning light illuminates, and then turns off. If the light illumi-

nates while the power switch is in the READY to drive position with the parking brake not applied, stop the vehicle and perform the following:

1. Check the brake fluid level. If brake fluid is necessary, add fluid and have the system checked. It is recommended you have this service performed by a NISSAN certified electric vehicle dealer. (See "Brake fluid" (P.444).)
2. If the brake fluid level is correct, have the warning system checked. It is recommended you have this service performed by a NISSAN certified electric vehicle dealer.

Anti-lock Braking System (ABS) warning indicator:

When the parking brake is released and the brake fluid level is sufficient, if both the brake warning light and the Anti-lock Braking System (ABS) warning light illuminate, it may indicate the ABS is not functioning properly. Have the brake system checked, and if necessary repaired. It is recommended you visit a NISSAN certified electric vehicle dealer for this service. (See "Anti-lock Braking System (ABS) warning light" (P.120).)

⚠ WARNING

- **Your brake system may not be working properly if the warning light is on. Driving could be dangerous. If you judge it to be safe, drive carefully to the nearest service station for repairs. Otherwise, have your vehicle towed because driving it could be dangerous.**
- **Pressing the brake pedal with the power switch position is other than ON or READY to drive position and/or low brake fluid level may increase your stopping distance and braking will require greater pedal effort as well as pedal travel.**
- **If the brake fluid level is below the minimum or MIN mark on the brake fluid reservoir, do not drive until the brake system has been checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.**

Electric power steering warning light (red)

When the power switch is in the ON position, the electric power steering warning light illuminates and turns off when the power switch is placed in the READY to drive position. This indicates the electric power steering is operational.

If the electric power steering warning light illuminates in red while the READY to drive indicator light is on, it may indicate the electric power steering is not functioning properly and may need servicing. Have the electric power steering checked by a NISSAN certified electric vehicle dealer.

See "Electric power steering" (P.398).

Electric shift control system warning light

The electric shift control system warning light illuminates when a malfunction occurs in the electric shift control system. When the master warning light illuminates, the chime sounds and the following message is displayed in the vehicle information display: [Apply parking brake].

When the power switch is placed in the OFF position, the chime sounds continuously. Ensure the parking brake is applied.

If the power switch cannot be placed in the OFF position, apply the parking brake and then place it in the OFF position.

Have the system checked by a NISSAN certified electric vehicle dealer.

Electric parking brake warning light

The electric parking brake warning light indicates that the electric parking brake system is operating.

When the power switch is placed in the ON position, the electric parking brake warning light illuminates. When the EV system is started and the parking brake is released, the warning light turns off.

If the parking brake is not released, the electric parking brake warning light remains on. Be sure that the electric parking brake warning light has turned off before driving. (See "Electric parking brake" (P.271).)

If the electric parking brake warning light illuminates or flashes while the brake system warning light illuminates, it may indicate that the electric parking brake system is not functioning properly. Have the electric parking brake system checked, and if necessary repaired, by a NISSAN certified electric vehicle dealer promptly.

Hands OFF warning light (where fitted)

When the Steering Assist is activated, it monitors the driver's steering wheel operation. If the steering wheel is not operated or the driver takes his/her hands off the steering wheel for a period of time, the warning light illuminates. If the driver does not operate the steering wheel after the warning light has been illuminated, an audible alert sounds and the warning flashes in the vehicle information display, followed by a quick brake application to request the driver to take control of the vehicle again. If the driver remains unresponsive, the vehicle will automatically turn on the hazard lights and slow to a complete stop. (See "Steering Assist" (P.348).)

Master warning light

When the power switch is in the ON position, the master warning light illuminates if a warning message appears in the vehicle information display.

See "Vehicle information display" (P.126).

Seat belt warning light and chime

The seat belt warning light will immediately illuminate whenever the power switch is ON and any front seat occupant's seat belt is not fastened. It will also illuminate if any rear occupant in the vehicle does not have their seat belt securely fastened.

If the vehicle speed exceeds 15 km/h (approximately 10 MPH) the warning light will flash and a chime will sound for at least 95 seconds or until all occupants are deemed to have their seat belts securely fastened.

The journey is considered finished and the system will reset when either rear door is opened while the vehicle is stationary.

Occupant status display:

In addition to the seat belt warning light, the occupant status display will be shown in the vehicle information display (see "Vehicle information display" (P.126)) when any vehicle occupant's seat belt is not fastened. The display will remain until occupants have their seat belts securely fastened, or until acknowledged by the driver (pushing the scroll dial on the steering-wheel-mounted controls).

If an occupant unfastens a seat belt or the vehicle speed exceeds 15 km/h (10 MPH) while a seat belt is not fastened, the occupant status display will reappear. It is not possible to acknowledge the display while the seat belt reminder chime is audible.

The driver seat is always considered occupied.

Red seat with exclamation symbol: The corresponding seat is occupied and seat belt is not fastened.

Green seat with tick symbol: The corresponding seat belt is fastened.

Grey seat: The corresponding seat is unoccupied.

⚠ WARNING

- **Lighter passengers, including children, may not be detected by the seat belt reminder system.**
- **When heavy cargo is placed on the seat, the seat belt reminder may be triggered. Such cargo should be secured in the boot. Only use the seat belts to restrain people or universal child restraint systems (see "Child restraints" (P.78)). Never use them to secure cargo, as this may cause damage, reducing their effectiveness during an accident when subsequently worn by people.**
- **When an electrical devices like a smartphone or laptop is placed on front passenger seat, the seat belt reminder may be triggered.**
- **If the seat belt warning light illuminates continuously while the power switch is ON, with all doors closed, and all seat belts fastened, it may indicate a malfunction in the system. Have the system checked by a NISSAN certified electric vehicle dealer.**
- **No changes should be made to the seat belt reminder system.**

Supplemental air bag warning light

After placing the power switch in the ON position, the supplemental air bag warning light will illuminate. The supplemental air bag warning light will turn off after about 7 seconds if the supplemental

front air bag and supplemental side air bag, curtain air bag systems and/or pretensioner seat belt are operational.

If any of the following conditions occur, the front air bag, side air bag, curtain air bag and pretensioner systems need servicing.

- The supplemental air bag warning light remains on after approximately 7 seconds.
- The supplemental air bag warning light flashes intermittently.
- The supplemental air bag warning light does not illuminate at all.

It is recommended you visit a NISSAN certified electric vehicle dealer for these services.

Unless checked and repaired, the Supplemental Restraint Systems and/or the pretensioners may not function properly.

For additional information, see "Supplemental Restraint System (SRS)" (P.93).

⚠ WARNING

If the supplemental air bag warning light is on, it could mean that the front air bag, side air bag, curtain air bag and/or pretensioner systems will not operate in an accident. To help avoid injury to yourself or others, have your vehicle checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Emergency stop assist active indicator light

This warning light appears when the Emergency Stop Assist system is activated. (See "Hands on detection" (P.350)).

WARNING/INDICATOR LIGHTS (yellow)

See "Vehicle information display" (P.126).

Anti-lock Braking System (ABS) warning light

When the power switch is in the ON or READY to drive position, the Anti-lock Braking System (ABS) warning light illuminates and then turns off. This indicates the ABS is operational.

If the ABS warning light illuminates while the power switch is in the READY to drive position, or while driving, it may indicate the ABS is not functioning properly. Have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

If an ABS malfunction occurs, the anti-lock function is turned off. The brake system then operates normally, but without anti-lock assistance. (See "Brake system" (P.399).)

Approaching Vehicle Sound for Pedestrians (VSP) OFF indicator light

If the VSP OFF indicator illuminates it may indicate that VSP system is not functioning properly. Have the VSP system checked by a NISSAN certified electric vehicle dealer.

See "Approaching Vehicle Sound for Pedestrians (VSP) system" (P.31).

Brake system warning light (yellow)

The brake system warning light functions for both the cooperative regenerative brake and the electronically driven intelligent brake systems. When the power switch is placed in the ON position or in the READY to drive position, the light remains illuminated for about a few seconds. If the light illuminates at any other time, it may indicate that the cooperative regenerative brake and/or the electronically driven intelligent brake systems are not functioning properly. Have the system checked by a NISSAN certified electric vehicle dealer. If the brake warning light (red) also illuminates, stop the vehicle immediately and contact a NISSAN certified electric vehicle dealer. For additional information, see "Brakes" (P.443).

⚠ WARNING

- **Depressing the brake pedal when the power switch position is not in the ON or READY to drive position and/or low brake fluid level may increase the stopping distance and braking will require greater pedal effort as well as pedal travel.**
- **If the brake fluid level is below the minimum or MIN mark on the brake fluid reservoir, do not drive until the brake system has been checked at a NISSAN certified electric vehicle dealer.**
- **The cooperative regenerative brake system may not be working properly if the**

brake system warning light illuminates when the READY to drive indicator light is ON. If you judge it to be safe, drive carefully to the nearest service station for repairs. Otherwise, have your vehicle towed because driving could be dangerous.

Electric power steering warning light (yellow)

When the electric power steering warning light illuminates in yellow, the power assist to the steering will be limited or cease operation, which may cause the steering wheel operation to become heavy. Even if this occurs, the performance of the manual steering is ensured. Grip the steering wheel securely and operate it with greater force than usual.

See "Electric power steering" (P.398).

EV system warning light

When the power switch is in the ON position, the EV system warning light illuminates and then turns off.

This light illuminates if there is a malfunction in the following systems. Contact a NISSAN certified electric vehicle dealer.

- Traction motor and inverter system
- Charge port or on board charger
- Li-ion battery system
- Cooling system
- Electric shift control system
- Emergency shut off system is activated. See "Emergency EV system shut off" (P.264).

Intelligent Driver Alertness indicator light

When the power switch is in the ON position, the Intelligent Driver Alertness indicator light illuminates. After starting the EV system, the Intelligent Driver Alert indicator light turns off. This indicates that the Intelligent Driver Alertness system is operational.

The Intelligent Driver Alertness indicator light will illuminate white when the system alerts the driver. If the light illuminates yellow while the EV system is running, it may indicate that the Intelligent Driver Alertness system is not functioning properly. Have the system checked by a NISSAN certified electric vehicle dealer.

(See "Intelligent Driver Alertness" (P.384).)

Intelligent Emergency Braking system OFF warning light

When the power switch is in the ON position, the Intelligent Emergency Braking system OFF warning light illuminates. After starting the EV system, the warning light turns off.

This light illuminates when the Intelligent Emergency Braking system is set to OFF on the vehicle information display.

If the light illuminates when the Intelligent Emergency Braking system is ON, it may indicate that the system is unavailable. See "Intelligent Emergency Braking" (P.366) or "Intelligent Forward Collision Warning" (P.377).

Disabling the Electronic Stability Programme (ESP) system with the vehicle information display causes the Intelligent Emergency Braking system to become unavailable. This is not a malfunction.

Low battery charge warning light

The low battery charge warning light illuminates when the available Li-ion battery charge is getting low. Charge as soon as it is possible, preferably before the Li-ion battery available charge gauge reaches the bottom line.

NOTE:

The low battery charge warning light turns off immediately before the Li-ion battery is completely discharged and the vehicle will stop. If the Li-ion battery becomes completely discharged, the vehicle must be charged in order to be driven.

Low tyre pressure warning light

Your vehicle is equipped with a Tyre Pressure Monitoring System (TPMS) that monitors the tyre pressure of all tyres.

The low tyre pressure warning light warns of low tyre pressure or indicates that the TPMS is not functioning properly.

After the power switch is placed in the ON position, this light illuminates for about 1 second and turns off.

Low tyre pressure warning:

If the vehicle is being driven with low tyre pressure,

the warning light will illuminate. The [Low Tyre Pressure] warning also appears in the vehicle information display.

When the low tyre pressure warning light illuminates, you should stop and adjust the tyre pressure to the recommended COLD tyre pressure shown on the tyre placard. The low tyre pressure warning light does not automatically turn off when the tyre pressure is adjusted. After the tyre is inflated to the recommended pressure, reset the tyre pressures registered in your vehicle and then drive the vehicle at speeds above 25 km/h (16 MPH). These operations are required to activate the TPMS and turn off the low tyre pressure warning light. Use a tyre pressure gauge to check the tyre pressure.

The [Low Tyre Pressure] warning is active as long as the low tyre pressure warning light remains illuminated.

TPMS resetting must be also performed after a tyre or a wheel is replaced, or the tyres are rotated.

Depending on a change in the outside temperature, the low tyre pressure warning light may illuminate even if the tyre pressure has been adjusted properly. Adjust the tyre pressure to the recommended COLD tyre pressure again when the tyres are cold, and reset the TPMS.

If the low tyre pressure warning light still continues to illuminate after the resetting operation, it may indicate that the TPMS is not functioning properly. Have the system checked by a NISSAN certified electric vehicle dealer.

For additional information, see "Vehicle information display" (P.126), "Tyre Pressure Monitoring System (TPMS)" (P.257) and "Tyre Pressure Monitoring System (TPMS)" (P.417).

TPMS malfunction:

If the TPMS is not functioning properly, the low tyre pressure warning light will flash for approximately 1 minute when the power switch is placed in the ON position. The light will remain on after the 1 minute. Have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service. The [Low Tyre Pressure] warning does not appear if the low tyre pressure warning light illuminates to indicate a TPMS malfunction.

For additional information, see "Tyre Pressure Monitoring System (TPMS)" (P.257).

⚠ WARNING

- **Radio waves could adversely affect electric medical equipment. Those who use a pacemaker should contact the electric medical equipment manufacturer for the possible influences before use.**
- **If the light does not illuminate with the power switch placed in the ON position, have the vehicle checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service as soon as possible.**
- **If the light illuminates while driving, avoid sudden steering manoeuvres or abrupt braking, reduce vehicle speed, pull off the road to a safe location and stop the vehicle as soon as possible. Driving with underinflated tyres may permanently damage the tyres and increase the likelihood of tyre failure. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tyre pressure for all four tyres. Adjust the tyre pressure to the recommended COLD tyre pressure shown on the tyre placard to turn the low tyre pressure warning light OFF. If the light still illuminates while driving after adjusting the tyre pressure, a tyre may be flat or the TPMS may be malfunctioning. If you have a flat tyre, repair it with an emergency tyre puncture repair kit as soon as possible. If no tyre is flat and all tyres are properly inflated, it is recommended you consult a NISSAN certified electric vehicle dealer.**
- **After adjusting the tyre pressure, be sure to reset the TPMS. Otherwise, the TPMS will not warn of low tyre pressure.**
- **Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.**

CAUTION

- **The TPMS is not a substitute for the regular tyre pressure check. Be sure to check the tyre pressure regularly.**
- **If the vehicle is being driven at speeds of less than 25 km/h (16 MPH), the TPMS may not operate correctly.**
- **Be sure to install the specified size of tyres to the four wheels correctly.**

Emergency Lane Assist OFF warning light

For details about Emergency Lane Assist system see (“Emergency Lane Assist (ELA) system” (P.293))

Emergency Lane Assist (ELA) warning light

For details about Emergency Lane Assist system see (“Emergency Lane Assist (ELA) system” (P.293)).

Master warning light

When the power switch is in the ON position, the master warning light illuminates if a warning message appears in the vehicle information display.

See “Vehicle information display” (P.126).

Power limitation indicator light

When the power switch is in the ON position, the power limitation indicator light illuminates and then turns off.

When the power limitation indicator light is illuminated with the power switch in the READY to drive position, the power provided to the traction motor is reduced. Therefore the vehicle is not as responsive when the accelerator is depressed while the power limitation indicator light is illuminated.

When this light illuminates and any message appears on the vehicle information display, follow the instructions.

This light illuminates in the following conditions.

- Li-ion battery available charge is extremely low.
- Li-ion battery temperature is very low.
- When the temperature of EV system is high (motor, inverter, coolant system, Li-ion battery etc.).
- When the EV system has a malfunction.

If the low battery charge warning light is illuminated, charge the Li-ion battery as soon as possible.

If this light illuminates because the Li-ion battery is cold due to low outside temperatures, move the vehicle to a warmer location. The Li-ion battery temperature may be increased by charging the Li-ion battery.

If the light illuminates when the EV system becomes hot due to continuous hill climbing either continue driving at a slower safe speed, or stop the vehicle in a safe location. If this light does not turn off, contact a NISSAN certified electric vehicle dealer.

If the light illuminates in a situation other than those described above, or if it does not turn off, there may be a system malfunction. Contact a NISSAN certified electric vehicle dealer.

⚠ WARNING

Power limitation mode can result in reduced power and vehicle speed. The reduced speed may be lower than other traffic, which could increase the chance of a collision. Be especially careful when driving. If the vehicle cannot maintain a safe driving speed, pull to the side of the road in a safe area. Charge the Li-ion battery if the charge is low or allow the Li-ion battery to cool.

Rear Automatic Braking (RAB) system OFF warning light (where fitted)

This light comes on when the power switch is placed in the ON position. It turns off after the EV system is started.

When the RAB system is turned off, the RAB system OFF warning light illuminates when the transmission is in the R (Reverse) position.

If the light illuminates or flashes when the RAB system is on, it may indicate that the system is unavailable. For additional information, see “Rear Automatic Braking (RAB) system (where fitted)” (P.391).

Rear fog light indicator light

The rear fog light indicator light illuminates when the rear fog light is on.

Slip indicator light

When the power switch is in the ON position, the slip indicator light illuminates and then turns off.

The light will blink when the Electronic Stability Programme (ESP) system or the traction control system is operating, thus alerting the driver that the vehicle is nearing its traction limits. The road surface may be slippery.

If the light illuminates while the ESP system is on,

this light alerts the driver to the fact that the ESP system's fail-safe mode is operating, for example the ESP system may not be functioning properly. Have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service. If a malfunction occurs in the system, the ESP system function will be cancelled but the vehicle is still driveable. For additional information, see "Electronic Stability Programme (ESP) system" (P.401) of this manual.

Electronic Stability Programme (ESP) off indicator light

The light comes on when the ESP system is turned OFF. This indicates that the ESP system and traction control system are not operating.

Turn the ESP system on using the vehicle information display, or restart the EV system and the system will operate normally. (See "Electronic Stability Programme (ESP) system" (P.401).)

The light also comes on when placing the power switch in the ON position. The light will turn off after about 2 seconds if the system is operational. If the light stays on or comes on along with the indicator light while you are driving, have the ESP system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

⚠ WARNING

The ESP system should remain on unless freeing a vehicle from mud or snow.

While the ESP system is operating, you might feel a slight vibration or hear the system working when starting the vehicle or accelerating, but this is not a malfunction.

Traffic Sign Recognition (TSR) Mute warning light (where fitted)

This warning light is displayed when the TSR system audible alert has been switched off.

Traffic Sign Recognition (TSR) failure warning light (yellow) (where fitted)

This warning light (yellow) is illuminated if there is a malfunction in the TSR system.

Traffic Sign Recognition (TSR) OFF warning light (where fitted)

This warning light (white) is displayed if the TSR system has been switched off.

Emergency stop assist failure warning light

This warning appears when there is a malfunction in the Emergency Stop Assist System. (See "Hands on detection" (P.350)).

Driver monitor indicator light

This indicator light illuminates when the Driver Monitoring system is active, see "Driver Monitoring system (where fitted)" (P.387).

Driver monitor OFF indicator light

This indicator light illuminates when the Driver Monitoring system is turned OFF. See "Driver Monitoring system (where fitted)" (P.387).

WARNING/INDICATOR LIGHTS (other)

See "Vehicle information display" (P.126).

Automatic brake hold indicator light (white)

The automatic brake hold indicator light (white) illuminates when the automatic brake hold system is on standby. (See "Automatic brake hold" (P.273).)

Automatic brake hold indicator light (green)

The automatic brake hold indicator light (green) illuminates when the automatic brake hold system is operating. (See "Automatic brake hold" (P.273).)

Exterior light indicator

This indicator illuminates when the headlight switch is turned to the AUTO, or position and the front clearance lights, rear combination lights, number plate lights or headlights are on. The indicator turns off when these lights are turned off.

Front fog light indicator light (where fitted)

The front fog light indicator light illuminates when the front fog lights are on.

High beam assist indicator light (where fitted)

The high beam assist indicator light illuminates when the high beam assist system is turned on and it is operational. (See "High beam assist (where fitted)" (P.163).)

High beam indicator light

This light illuminates when the headlight high beam is on and goes out when the low beam is selected.

Hill Start Assist system indicator light

When the power switch is in the ON position, the Hill Start Assist system indicator light illuminates and then turns off.

This light illuminates when the Hill Start Assist system is operating.

See "Hill Start Assist system" (P.404).

Plug in indicator light

This light illuminates while charge connector is connected to the vehicle and blinks during charging.

This indicator light also illuminates when the V2L connector for external supply is connected.

This indicator light will not illuminate if the vehicle is in the sleep mode.

NOTE:

If the charge connector is connected to the vehicle, the power switch cannot be placed in the READY to drive position.

READY to drive indicator light

The READY to drive indicator light illuminates when the EV (Electric Vehicle) system is powered and the vehicle may be driven.

The READY to drive indicator light will turn off in the following conditions.

- Certain EV (Electric Vehicle) system malfunctions.
- The READY to drive indicator light turns off immediately before the Li-ion battery is completely discharged. If the Li-ion battery becomes completely discharged, the vehicle must be charged in order to be driven. See "If the Li-ion battery becomes completely discharged" (P.424).

Turn signal/hazard indicator lights

The light flashes when the turn signal switch lever or hazard switch is turned on.

Regenerative braking intensity indicator light

This indicator light shows the current level of regenerative braking intensity, which is manually selected by the driver and displayed as a series of descending triangles. For more information, see "Manually selectable regenerative braking intensity" (P.268).

AUDIBLE REMINDERS

12-volt battery charge warning chime

If the 12-volt battery charge warning light illuminates, the chime will sound when a warning message is displayed on the vehicle information display.

When the chime sounds, immediately stop the vehicle in a safe location and push the shift button P to the park position and apply parking brake. The 12-volt battery charge warning light turns off and the chime will stop when the parking brake is applied or the vehicle is placed in the P (Park) position. Contact a NISSAN certified electric vehicle dealer for support.

Brake pad wear warning

The disc brake pads have audible wear warnings. When a brake pad requires replacement, it will make a high pitched scraping sound when the vehicle is in motion. This scraping sound will first occur only when the brake pedal is depressed. After more wear of the brake pad, the sound will always be heard even if the brake pedal is not depressed. Have the brakes checked as soon as possible if the warning sound is heard.

Electric shift control system reminder chime

If an improper shift operation is performed, for safety reasons a chime will sound and at the same time, depending on the conditions, the operation

will be cancelled or the shift position will switch to the N (Neutral) position.

For more details, see "Driving the vehicle" (P.265).

Door lock warning chime

When the chime sounds, be sure to check both the vehicle and the Intelligent Key. See "Troubleshooting guide" (P.203).

Driving Aid chimes (where fitted)

An audible alert/chime may be heard if any of the following systems (where fitted) are active:

- Emergency Lane Assist (ELA)*
- Blind Spot Warning (BSW) with Exit Warning
- Rear Cross Traffic Alert (RCTA)
- Intelligent Cruise Control (ICC)
- Intelligent Distance Control (IDC)
- ProPILOT Assist
- Intelligent Emergency Braking
- Intelligent Forward Collision Warning
- Intelligent Driver Alertness
- Rear Automatic Braking (RAB)
- Parking sensor (sonar)

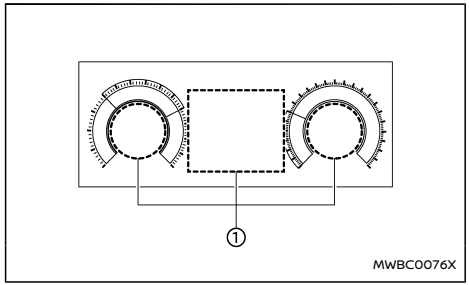
*Only when the Steering Assist is turned on.

For additional information, refer to the "5. Starting and driving" section of this manual.

Light reminder chime

The light reminder chime will sound when the headlight switch is placed in the ≡D◁≡ or 🌫 position after the EV system was turned off, and the driver's door is opened with the lights on.

Turn the light switch to the AUTO position when you leave the vehicle.

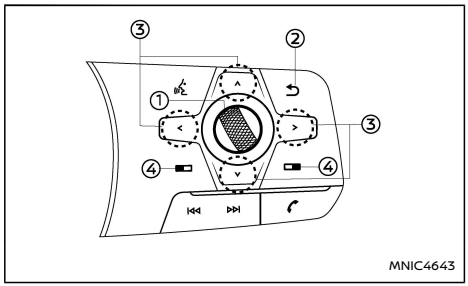


Example

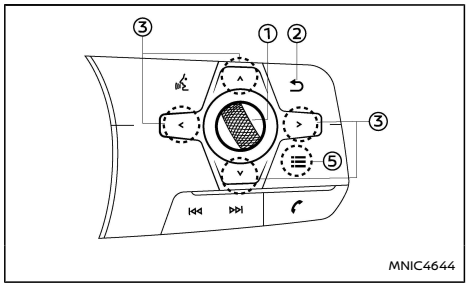
The vehicle information display ① is located as shown above, and it displays the warnings and information. The following items are also displayed if the vehicle is equipped with them:

- Vehicle settings
- Trip computer information
- Driver Assistance
- Cruise control system information
- ProPILOT Assist
- Intelligent Key operation information
- Audio information
- Navigation - turn by turn
- Indicators and warnings
- Tyre pressure information
- Other information

HOW TO USE THE VEHICLE INFORMATION DISPLAY



Type A



Type B

The vehicle information display can be changed using the dial and buttons located on the steering wheel.

1. Scroll dial - navigate through the items and change or select an item in vehicle information display this scroll dial allows up/down navigation and push to select
2. ↩ - go back to the previous menu
3. ∧ ∨ < > - change from one display screen to the next (i.e. trip, energy economy)
4. **Type A (where fitted):**

   For LHD models, push ▭ to operate the touch screen display by the steering-wheel-mounted controls. For additional information, see “Touch Screen Display” (P.153).

   For LHD models, push ▬ to operate the vehicle information display by the steering-wheel-mounted controls. If the vehicle information display is already active (▬ illuminates in yellow), pushing this switch will cause [Shortcut Menu] screen to appear.

   For RHD models, push ▭ to operate the vehicle information display. In case that the vehicle information display was already active (▭ illuminates in yellow), pushing this switch will cause [Shortcut Menu] screen to appear.

   For RHD models, push ▬ to operate the touch screen display.
5. **Type B (where fitted):**

   Pushing ☰ displays the [Shortcut Menu] screen.

SWIPING THE NAVIGATION SCREEN

You can swipe the navigation screen on the touch screen display to the vehicle information display.

See the separate NissanConnect Owner’s Manual for the navigation system.

[SHORTCUT MENU]

For type A (steering wheel-mounted controls on the right side) (where fitted), when the ④ button, ▬ (for LHD models) or ▭ (for RHD models), is pushed, the [Shortcut Menu] screen appears given that previously focus is being placed on the vehicle information display, not on the touch screen display.

For type B (steering wheel-mounted controls on the right side) (where fitted), when the ☰ button ⑤ is pushed, the [Shortcut Menu] screen appears on the vehicle information display.

Select the menu by rotating the scroll dial ① and push it.

The following menus are available:

- [Driver Assist Custom] (where fitted)

  Allows user to enable or disable the system settings in the [Custom Mode Setup] menu.
- [Change Display View]

  Allows user to change the meter screen view. (See “Changing the meter screen view” (P.111).)
- [Audio Source]

  Allows user to select the available audio source. (See the separate NissanConnect Owner’s Manual for the audio system.)
- [Custom Mode Setup] (where fitted)

  Allows user to set up preferred driver assist modes.

  When [Driver Assist Custom] is turned to ON, the settings in [Custom Mode Setup] are given

priority over the settings in [Driver Assistance] under the [Settings] menu.

- [Personal Display]

  Allows user to change the [Personal Display] settings. (See "[Personal Display]" (P.128).)

STARTUP DISPLAY

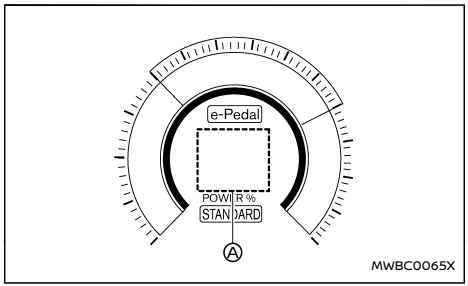
When the power switch is placed in the ON position, the vehicle information display may display the following screens if the vehicle is equipped with them:

- Home
- Blank
- [Drive Computer]
- [Energy Economy]
- [ECO Pedal Guide]
- [Energy Eco. History]
- [Tyre Pressure]
- [Charge Information]
- [Battery Capacity]
- Navigation
- Compass
- Audio
- Driver Assistance
- ProPILOT Assist
- [Traffic Sign]
- Warnings
- [Settings]

Warnings will only display if there are any present. For more information on warnings and indicators, see "Vehicle information display warnings and indicators" (P.135).

To control what items display in the vehicle information display, see "[Settings]" (P.128).

[PERSONAL DISPLAY]



The personal display Ⓐ shows several information items. To select an information item:

1. Push the ☰ button ④ on the steering wheel.
2. [Shortcut Menu] screen appears on the vehicle information display.
3. Select [Personal Display] by rotating the scroll dial ① and push the scroll dial to confirm.

The information item can be selected from below:

- [Blank] (nothing is displayed)
- [Navigation] (including compass)
- [Energy Economy]
- [Trip]
- [Gear Position]
- [Brake Lamp]

The personal display will move when the meter screen view is changed. For additional information, refer to "Changing the meter screen view" (P.111).

[SETTINGS]

The [Settings] mode allows user to change the information displayed in the vehicle information display and some settings. The following items are available if the vehicle is equipped with them:

- [ESP Setting]
- [Driver Assistance]
- [Personal Display]
- [Head-Up Display]
- [ECO Settings]
- [Tyre Pressures]
- [Clock]
- [Vehicle Settings]
- [EV Settings]
- [Maintenance]
- [Display Settings]
- [Unit / Language]
- [Factory Reset]

[ESP Setting]

To change the setting, use the scroll dial ① to select and push it.

- [System]

  Allows user to turn the Electronic Stability Programme (ESP) system ON or OFF. By default the ESP system will be turned ON. If the ESP system is turned off, the ESP OFF indicator light will illuminate.

NOTE:

The vehicle should be driven with the Electronic Stability Programme (ESP) system ON for most driving conditions. (See "Electronic Stability Programme (ESP) system" (P.401).)

[Driver Assistance]

To change the status, warnings or turn on or off any of the systems/warnings displayed in the [Driver Assistance] menu, use the scroll dial ① to select and change a menu item:

- [Cruise Mode]
- [Intelligent Cruise] (where fitted)
- [Lane Centering Assist] (where fitted)
- [Forward Assist]
- [Lane Assist]
- [Blind Spot Assist]
- [Emergency Brake]
- [Traffic Sign Assist]
- [Parking Aids]
- [Driver Monitoring]
- [Timer Alert]
- [Low Temp. Alert]
- [e-Pedal]
- [Chassis Control]

[Cruise Mode]:

Allows user to select an item from below:

- [ProPILOT Assist] (where fitted)
- [Intelligent Cruise Control] (where fitted)
- [Standard Cruise Control]

(See "Intelligent Cruise Control (ICC) (where fitted)" (P.314) and "ProPILOT Assist (where fitted)" (P.328)).

[Intelligent Cruise] (where fitted):

- [Navi Link] (where fitted)
  Allows user to turn the [Navi Link] function ON/OFF.
- [Speed Limit Link]
  Allows user to customise the [Speed Limit Link] function.
  — [OFF]
  — [Prompt]
  — [Auto]
- [Speed Link Offset]
  Allows user to set whether the speed limit used by the [Speed Limit Link] function will be accepted exactly or with some tolerance.
- [Undertake Prevention]
  Allows user to turn [Undertake Prevention] function ON/OFF.

(See "Intelligent Cruise Control (ICC)" (P.335) and "ProPILOT Assist (where fitted)" (P.328).)

[Lane Centering Assist] (where fitted):

- [Steering Assist]
  Allows user to turn the function ON/OFF.

(See "ProPILOT Assist (where fitted)" (P.328).)

[Forward Assist]:

- [Distance Control] (where fitted)
  Allows user to turn the Intelligent Distance Control (IDC) function ON/OFF.
- [Navi Link] (where fitted)
  Allows user to turn [Navi Link] for Intelligent Distance Control (IDC) function ON/OFF.
- [Speed Limit Link] (where fitted)
  Allows user to turn [Speed Limit Link] for Intelligent Distance Control (IDC) function ON/OFF.

(See "Intelligent Distance Control (IDC) (where fitted)" (P.356)).

[Lane Assist]:

- [Emergency Lane]
  Allows user to turn the Emergency Lane Assist (ELA) system ON/OFF.
- [Advanced Lane]
  Allows user to turn the [Advanced Lane] function of the ELA system ON/OFF.
- [Lane Sensitivity] (where fitted)
  Allows user to select an item from below.
  — [Strong]
  — [Normal]
  — [Mild]
- [Vibration level]
  Allows user to select an item from below.
  — [High]
  — [Medium]
  — [Low]

(See "Emergency Lane Assist (ELA) system" (P.293).)

[Blind Spot Assist]:

- [Warning]
  Allows user to turn the Blind Spot Warning (BSW) system ON/OFF.

- [Exit Warning]
  Allows user to turn the [Exit Warning] function ON/OFF.

(See "Blind Spot Warning (BSW) with Exit Warning" (P.301).)

[Emergency Brake]:

- [Emergency Braking]
  Allows user to turn the [Emergency Braking] function ON/OFF.
- [Warning Timing]
  Allows user to customise the Emergency Brake system.
  — [Longer]
  — [Standard]
  — [Shorter]

(See "Intelligent Emergency Braking" (P.366), "Intelligent Forward Collision Warning" (P.377) and "Rear Automatic Braking (RAB) system (where fitted)" (P.391).)

[Traffic Sign Assist]:

- [Speed Limit]
  Allows user to customise the TSR system.
  — [Warning]
  — [Info Only]
  — [OFF]
- [New Limit Alert]
  Allows user to turn the notification (chime) ON/OFF.
- [Road Sign Alert] (where fitted)
  Allows user to turn the [Road Sign Alert] function ON/OFF.

(See "Traffic Sign Recognition (TSR)" (P.289).)

[Parking Aids]:

- [Rear Brake Assist]
  Allows user to turn the function ON/OFF.
- [Rear Cross Traffic Alert]
  Allows user to turn the function ON/OFF.
- [Moving Object]
  Allows user to turn the Moving Object Detection (MOD) ON/OFF.
- [Front]
  Allows user to turn the front sensors ON/OFF.
- [Rear]
  Allows user to turn the rear sensors ON/OFF.
- [Distance]
  Allows user to select an item from below.
  — [Far]
  — [Medium]
  — [Near]
- [Display]
  Allows user to turn the parking sensor (sonar) system display ON/OFF.
- [Volume]
  Allows user to select an item from below.
  — [High]
  — [Medium]
  — [Low]

(See "Rear Cross Traffic Alert (RCTA)" (P.308), "Moving Object Detection (MOD) (where fitted)" (P.240) and "Parking sensor (sonar) system" (P.405) .)

[Driver Monitoring]:

Allow user to change settings of the function:

- [OFF]
- [Standard]
  Turns the function on. The standard function detects driver distraction by analysing the driver's gaze direction.
- [Advanced]
  Turns the function on. The advanced function extends this capability by evaluating multiple gaze points and temporal patterns, allowing it to recognise states such as sleep, microsleep, and even drowsiness.

(See "Driver Monitoring system (where fitted)" (P.387) and "Intelligent Driver Alertness" (P.384).)

[Timer Alert]:

Allows user to adjust the [Timer Alert] or reset.

- (Current Time)/(Set Time)
- [Reset]

[Low Temp. Alert]:

Allows user to turn the low temperature alert, [Low Temp. Alert], function ON/OFF.

[e-Pedal]:

- [Mode Memory]
  Allows user to turn the mode memory function ON/OFF.
  In case of memory setting ON, maintain the e-Pedal system setting from the last time after the EV system restarts.

For more information, see "e-Pedal system" (P.269).

[Chassis Control]:

- [Trace Control]
  Allows user to turn the function ON/OFF.

(See "Intelligent Trace Control" (P.403).)

[Personal Display]

To change the display in the [Personal Display] menu, use the scroll dial ① to select and change a menu item:

- [Blank]
- [Navigation]
- [Time to Destination]
- [Energy Economy]
  - [Since Reset]
  - [Since Start]
  - [Since Charge]
- [Trip]
  - [Since Reset]
  - [Since Start]
  - [Since Charge]
- [Gear Position]
- [Average Speed]
  - [Since Reset]
  - [Since Start]
  - [Since Charge]
- [Brake Lamp]

[Head-Up Display]

To change the status or turn on or off any of the systems displayed in the [Head-Up Display] menu, use the scroll dial ① to select and change a menu item:

- [Brightness]
- [Height]
- [Rotation]
- [Contents Selection]
  - [Navigation]
  - [Driving Aids]
  - [Traffic Sign]
  - [Phone]
- [Reset]

(See "Head Up Display (HUD) (where fitted)" (P.155).)

[ECO Settings]

This setting allows user to change the ECO mode system settings.

- [ECO Info Settings]
  - [ECO Indicator]
  - [ECO Drive Report]
- [View History]
  - [Reset]
    Allows user to reset this item.
- [Tyre ECO advice]
  Allows user to turn the function ON/OFF. (See "[Tyre ECO advice]" (P.277).)

[Tyre Pressures]

The settings in the [Tyre Pressures] menu are all related to the Tyre Pressure Monitoring System (TPMS). (See "Tyre Pressure Monitoring System (TPMS)" (P.257) and "Tyre placard" (P.469).)

[Target Front]:

The [Target Front] tyre pressure is the pressure specified for the front tyres on the tyre placard. Use the scroll dial ① to select and change the value for the [Target Front] tyre pressure.

[Target Rear]:

The [Target Rear] tyre pressure is the pressure specified for the rear tyres on the tyre placard. Use the scroll dial ① to select and change the value for the [Target Rear] tyre pressure.

[Tyre Pressure Unit]:

The unit for tyre pressures that are shown in the vehicle information display can be changed to:

- [bar]
- [kPa]
- [psi]
- [kgf/cm²]

If necessary, refer to the following table to convert between units.

kPa	psi	bar	kgf/cm²
200	29	2.0	2.0
210	30	2.1	2.1
220	32	2.2	2.2
230	33	2.3	2.3
240	35	2.4	2.4
250	36	2.5	2.5
250	36	2.5	2.5
260	38	2.6	2.6
270	39	2.7	2.7
280	41	2.8	2.8

290	42	2.9	2.9
300	44	3.0	3.0
310	45	3.1	3.1
320	46	3.2	3.2
330	48	3.3	3.3
340	49	3.4	3.4

[Calibrate]:

Allows user to calibrate (reset) the TPMS tyre pressure.

The tyre pressure is affected by the temperature of the tyre; the tyre temperature increases when the vehicle is driven. To be able to accurately monitor the tyre air leakage and to prevent false TPMS warnings due to changes in temperature, the TPMS system uses temperature sensors in the tyres to perform temperature compensation calculations.

On rare occasions it may be necessary to recalibrate the TPMS system reference temperature. This operation should only be performed when the actual tyre pressure has been adjusted, while the current ambient temperature is significantly different to the current calibration temperature. (See "Tyre Pressure Monitoring System (TPMS)" (P.257).)

Use the scroll dial ① to start or cancel the calibration process. (See "TPMS resetting" (P.259).)

[Clock]

Allows user to turn the [Clock] ON/OFF.

The clock may also be set in the centre display. For additional information, refer to the separate NissanConnect Owner's Manual.

[Vehicle Settings]

The [Vehicle Settings] allows user to change settings for the following menus.

- [Power Back Door] (where fitted)
- [Lighting]
- [Locking]
- [Wipers]
- [Personal Drive Mode]
- [Alarm System] (where fitted)
- [Driving Position] (where fitted)
- [Mirror Fold]

The [Vehicle Settings] can be changed using the scroll dial ①.

[Power Back Door] (where fitted):

This allows user to turn the power tailgate ON or OFF.

[Lighting]:

The [Lighting] menu has the following options:

- [Welcome Light]
  Allows user to turn this feature ON or OFF.

[Locking]:

The [Locking] menu has the following options:

- [Selective Unlock]
  When this item is turned on, only the corresponding door is unlocked when using the capacitive unlock sensor on the driver's door handle or the request switch. All the doors can be unlocked if the capacitive unlock sensor or the request switch is used again within 5 seconds. When this item is turned to off, all the doors will be unlocked when using the capacitive unlock sensor or the request switch once.
- [Auto Door Unlock] (where fitted)
  This feature allows user to customise the auto door unlock options.
  Use the scroll dial to change the mode.
  — [Shift to Park]
  — [Power OFF]
  — [OFF]
- [Walk Away Lock]
  This allows user to turn the walk away lock function ON or OFF. (See "Walk away lock function" (P.201).)
- [Approach Unlock]
  This allows user to turn the approach unlock function ON or OFF. (See "Approach unlock function" (P.201).)
- [I-Key Door Lock]
  When this item is turned on, the lock or capacitive unlock sensors (on the front door handles) and the request switch are activated.

[Wipers]:

The [Wipers] menu has the following options:

- [Auto Wipe]
  Allows user to turn this feature ON or OFF.

- [Drip Wipe]
  The [Drip Wipe] wiper feature can be set to be ON or OFF.

[Alarm System] (where fitted):

Allows user to customise the theft warning system options.

- [Always ON]
  When selected, the ultrasonic sensor will activate each time the alarm is set.
- [Ask on Exit]
  When selected, the system provides the choice to disable the ultrasonic sensor after the power switch is placed in the OFF position.
- [Disable Once]
  When selected, the ultrasonic sensor will be disabled until the next time the power switch is placed in the ON position.

(See "Theft warning system" (P.157).)

[Personal Drive Mode]:

The [Personal Drive Mode] allows you to select desired driving characteristics in following combinations:

- Acceleration
  Allows user to select items below:
  - SPORT
  - STANDARD
  - ECO
- Regeneration
  Allows user to select the regeneration intensity from level 1 to level 4.
  As the level increases, the regeneration intensity becomes stronger. This is the setting for initial level of paddle selector when PERSONAL mode is selected.
- Steering
  Allows user to select items below:
  - SPORT
  - STANDARD
- Reset
  Allows user to reset the items to default.

[Mirror Fold] (where fitted):

Allows user to select an item below.

- [Auto Fold Off]
- [Unfold at Power on]
- [Unfold at Unlock]

[EV Settings]

- [Power for Est. time]
  Allows user to select an item below.
  — [MAX (DC)]
  — [50 kW (DC)]
  — [11 kW (AC3)]
  — [7.4 kW (AC1)]
- [V2L Power Outlets]
  Allows user to set minimum battery level for using V2L system and V2L function appearance in vehicle information display.
  — [Min. Battery Level]
  Allows user to select minimum battery level for using the V2L power outlet from 10 to 95%.
  — [Status during V2L]
  When this item is ON, the status display will always appear when using the V2L function even if the power switch is placed in OFF position.
- [Charge Reminder]
  Allows user to select the charge reminder display timing before empty from 40–120 km (40–120 miles) in 10 km (10 miles)increments.
- [Charging Limit]
  Allows user to select the maximum charge level of the Li-ion battery from 40% to 100% in 5% increments.

[Maintenance]

The following items are available in this menu.

- [Tyre]
- [Other]

[Tyre]:

This indicator appears when the user set distance comes for replacing tyres. You can set or reset the distance for replacing tyres.

⚠ WARNING

The tyre replacement indicator is not a substitute for regular tyre checks, including tyre pressure checks. (See "Changing wheels and tyres" (P.455).) Many factors including tyre inflation, alignment, driving habits and road conditions affect tyre wear and when tyres should be replaced. Setting the tyre replacement indicator for a certain driving distance does not mean your tyres will last that long. Use the tyre replacement indicator as a guide

only and always perform regular tyre checks. Failure to perform regular tyre checks, including tyre pressure checks could result in tyre failure. Serious vehicle damage could occur and may lead to a collision, which could result in serious personal injury or death.

[Other]:

This indicator appears when the user set distance comes for checking or replacing maintenance items other than tyres. Other maintenance items can include such an item as tyre rotation. You can set or reset the distance for checking or replacing the items.

[Display Settings]

This Setting allows user to choose from the various meter selections.

The Settings can be changed using the scroll dial ①.

[Change Display View]:

Push to change display view from Classic meter view to Expanded view. See "Changing the meter screen view" (P.111)

[Contents Selection]:

Displays available screens that can be shown in the vehicle information display.

[Personal Display]:

The personal display shows several information items that you can choose:

- [Blank]
- [Navigation] (where fitted)
- [Energy Economy]
- [Trip]
- [Gear Position]
- [Brake Lamp]

[Route Guidance]:

- [Alert(s)]

Allows user to turn the Navigation Settings alerts ON or OFF.

[Auto Screen Transition] :

Allows user to turn the [ProPILOT Assist Display] screen ON or OFF.

[Welcome Effect]:

The [Welcome Effect] displays the available welcome effect settings.

- [Animation]
- [Sound]

[Operation Guidance]:

The [Operation Guidance] displays the available operation guidance settings.

- [Lights]
- [Wiper]
  - [Front]
- [High beam assist] (where fitted)
- [Adaptive Headlight] (where fitted)

[Unit/Language]

The units or language that are shown in the vehicle information display can be changed:

- [Distance / Energy]
- [Tyre Pressure]
- [Temperature]
- [Language]

Use the scroll dial ① to select and change the units of the vehicle information display.

[Distance / Energy]:

The unit for the mileage that is shown in the vehicle information display can be changed.

[Tyre Pressure]:

The unit for tyre pressures that is shown in the vehicle information display can be changed.

(See "[Tyre Pressures]" (P.131).)

[Temperature]:

The temperature unit that is shown in the vehicle information display can be changed.

[Language]:

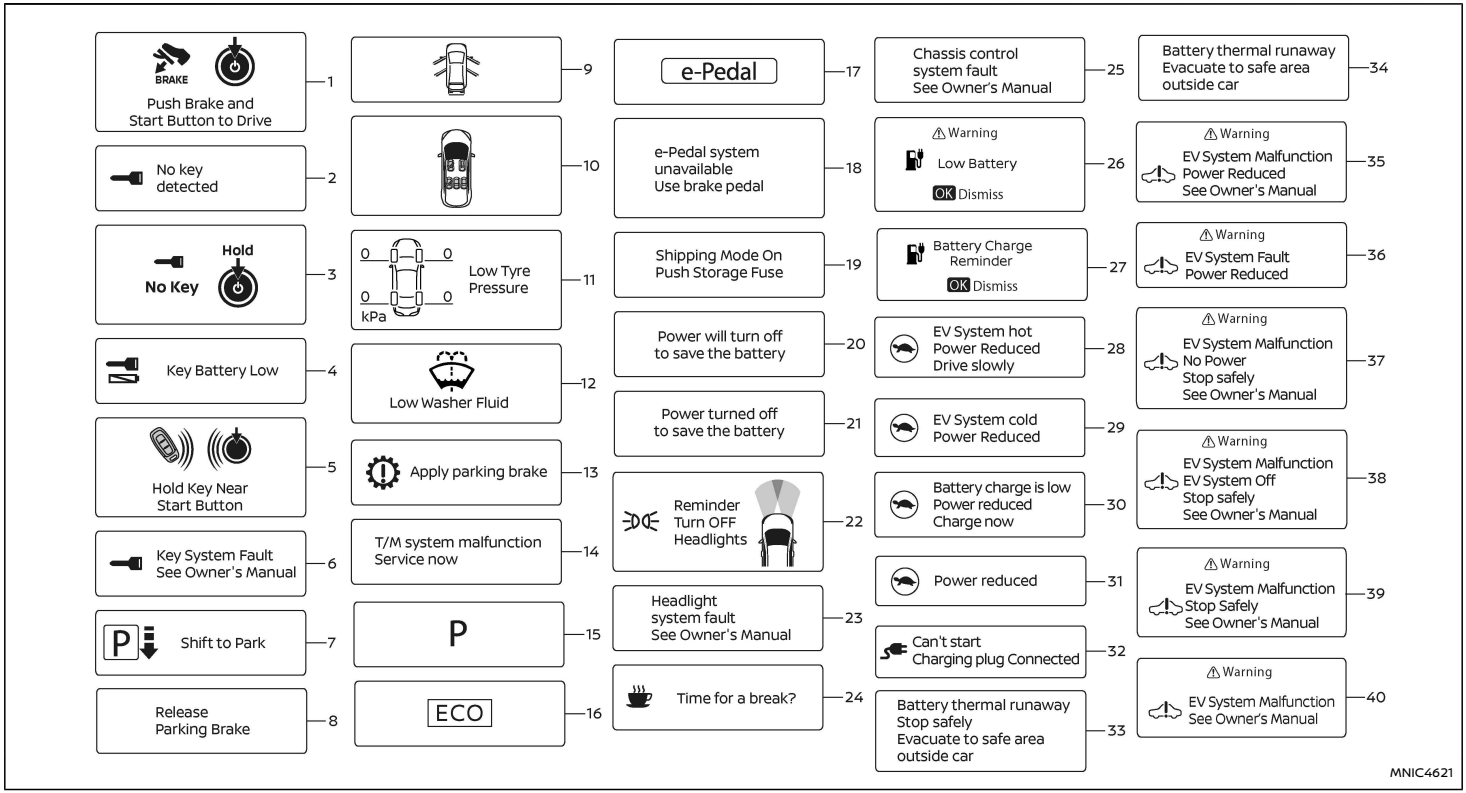
The language of the vehicle information display can be changed.

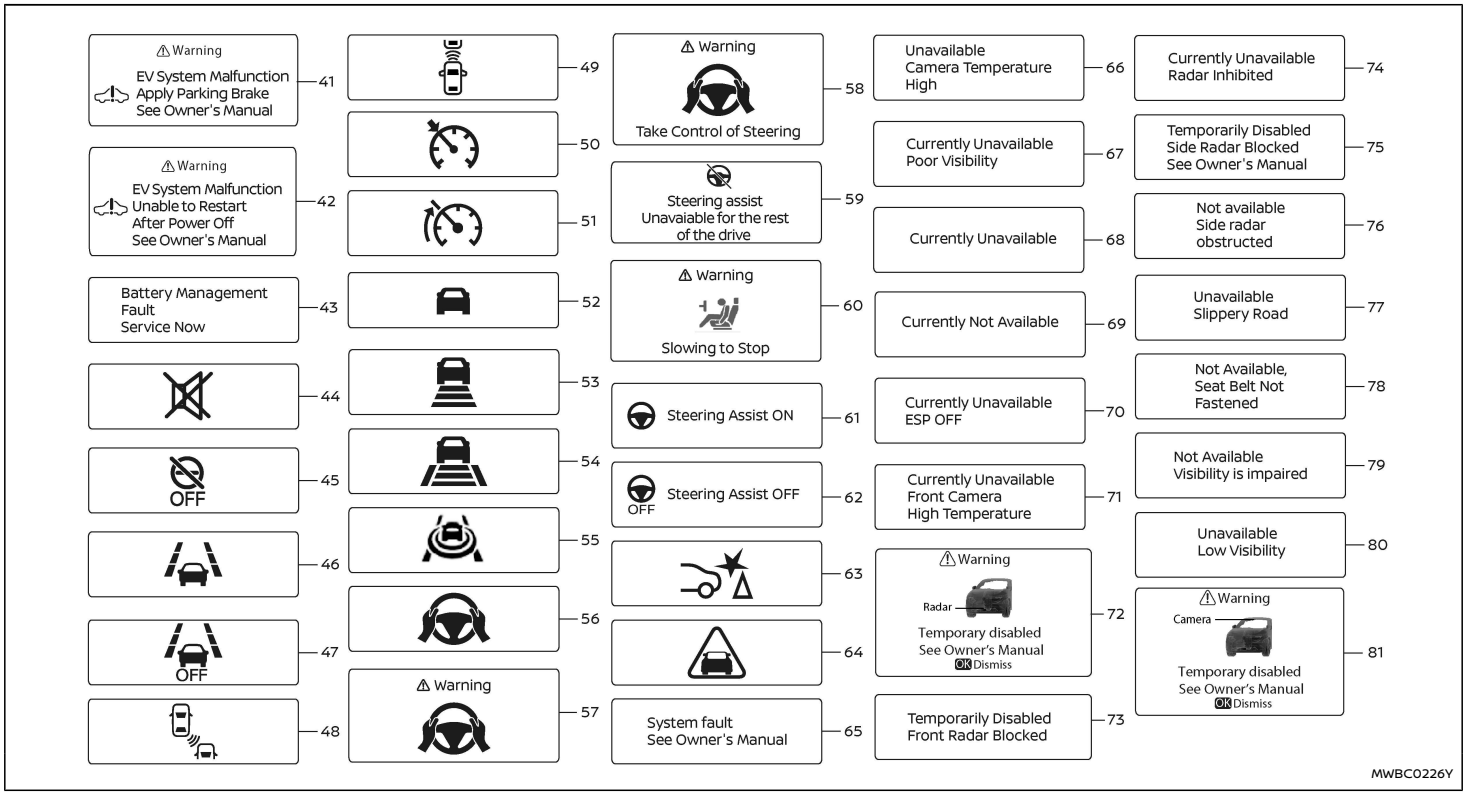
[Factory Reset]

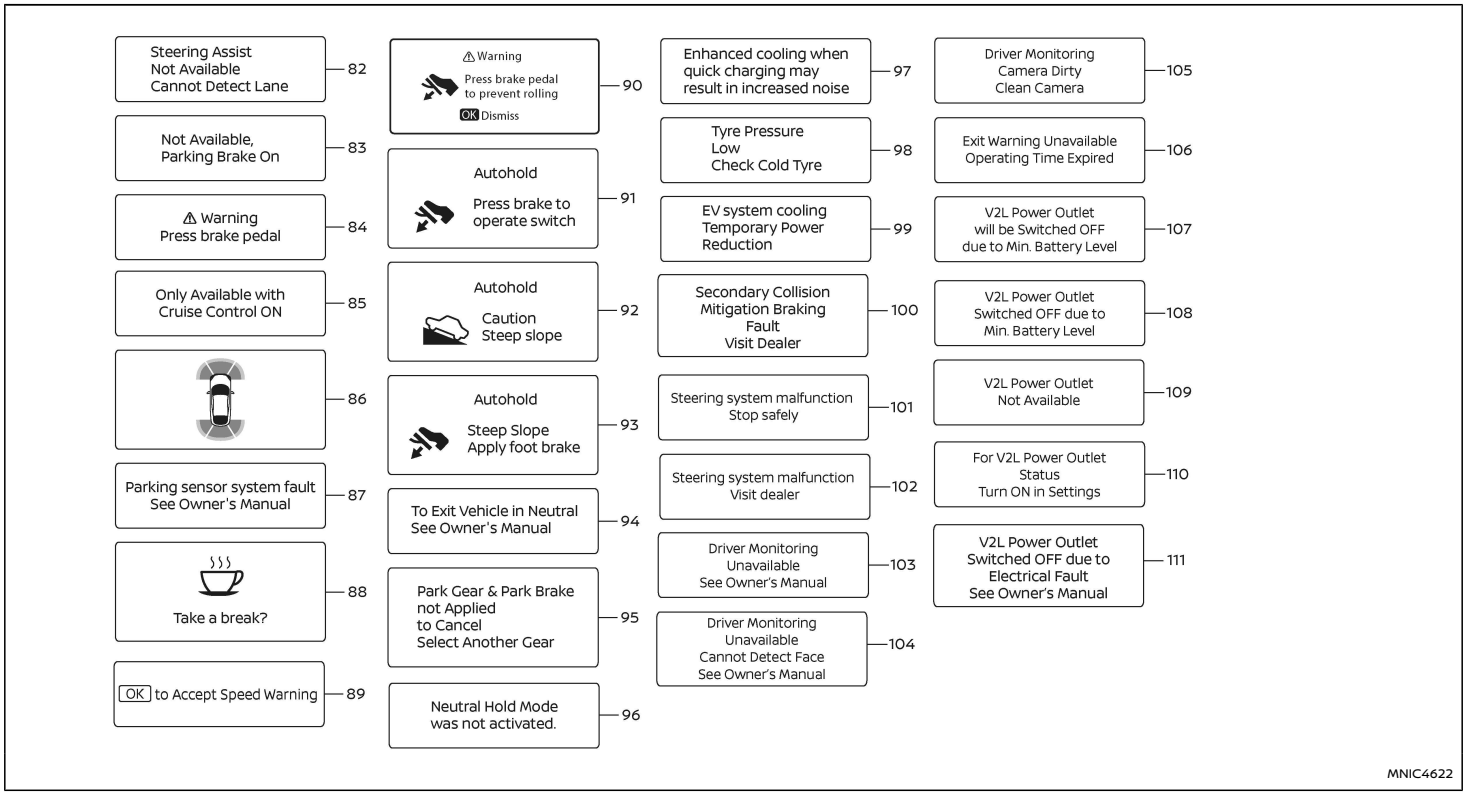
The settings in the vehicle information display can be reset back to the factory default. To reset the vehicle information display:

1. Select [Factory Reset] using the scroll dial ① and push it.
2. Select [Yes] to return all settings back to default by pushing the scroll dial ①.

VEHICLE INFORMATION DISPLAY WARNINGS AND INDICATORS




⚠ Warning
EV System Malfunction
Apply Parking Brake
See Owner's Manual
41
⚠ Warning
EV System Malfunction
Unable to Restart
After Power Off
See Owner's Manual
42
Battery Management
Fault
Service Now
43
44
OFF
45
46
OFF
47
48
49
50
51
52
53
54
55
56
⚠ Warning
57
⚠ Warning
Take Control of Steering
58
Steering assist
Unavaiable for the rest
of the drive
59
⚠ Warning
Slowing to Stop
60
Steering Assist ON
61
OFF
Steering Assist OFF
62
63
64
System fault
See Owner's Manual
65
Unavailable
Camera Temperature
High
66
Currently Unavailable
Poor Visibility
67
Currently Unavailable
68
Currently Not Available
69
Currently Unavailable
ESP OFF
70
Currently Unavailable
Front Camera
High Temperature
71
⚠ Warning
Radar
Temporary disabled
See Owner's Manual
OK Dismiss
72
Temporarily Disabled
Front Radar Blocked
73
Currently Unavailable
Radar Inhibited
74
Temporarily Disabled
Side Radar Blocked
See Owner's Manual
75
Not available
Side radar
obstructed
76
Unavailable
Slippery Road
77
Not Available,
Seat Belt Not
Fastened
78
Not Available
Visibility is impaired
79
Unavailable
Low Visibility
80
⚠ Warning
Camera
Temporary disabled
See Owner's Manual
OK Dismiss
81
MWBC0226Y


Steering Assist
Not Available
Cannot Detect Lane
82
Not Available,
Parking Brake On
83
⚠ Warning
Press brake pedal
84
Only Available with
Cruise Control ON
85
86
Parking sensor system fault
See Owner's Manual
87
Take a break?
88
OK to Accept Speed Warning
89
⚠ Warning
Press brake pedal
to prevent rolling
OK Dismiss
90
Autohold
Press brake to
operate switch
91
Autohold
Caution
Steep slope
92
Autohold
Steep Slope
Apply foot brake
93
To Exit Vehicle in Neutral
See Owner's Manual
94
Park Gear & Park Brake
not Applied
to Cancel
Select Another Gear
95
Neutral Hold Mode
was not activated.
96
Enhanced cooling when
quick charging may
result in increased noise
97
Tyre Pressure
Low
Check Cold Tyre
98
EV system cooling
Temporary Power
Reduction
99
Secondary Collision
Mitigation Braking
Fault
Visit Dealer
100
Steering system malfunction
Stop safely
101
Steering system malfunction
Visit dealer
102
Driver Monitoring
Unavailable
See Owner's Manual
103
Driver Monitoring
Unavailable
Cannot Detect Face
See Owner's Manual
104
Driver Monitoring
Camera Dirty
Clean Camera
105
Exit Warning Unavailable
Operating Time Expired
106
V2L Power Outlet
will be Switched OFF
due to Min. Battery Level
107
V2L Power Outlet
Switched OFF due to
Min. Battery Level
108
V2L Power Outlet
Not Available
109
For V2L Power Outlet
Status
Turn ON in Settings
110
V2L Power Outlet
Switched OFF due to
Electrical Fault
See Owner's Manual
111

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NOTE:

The displayed images and the displayed items may differ depending on the model.

1. [Push Brake and Start Button to Drive] indicator

This indicator appears while the vehicle is in the P (Park) position.

This indicator means that the EV system will start when the power switch is pushed with the brake pedal depressed.

2. [No key detected] warning

This warning appears in either of the following conditions:

No key inside the vehicle:

This warning appears when the door is closed with the Intelligent Key left outside the vehicle and the power switch in the READY to drive position. Make sure that the Intelligent Key is inside the vehicle.

Unregistered Intelligent Key:

This warning appears when the power switch is changed to the READY to drive position from the OFF position and the Intelligent Key cannot be recognised by the system. You cannot place the power switch in the READY to drive position with an unregistered key. Use an Intelligent Key that has been registered.

3. [No Key] Hold power switch indicator

This indicator appears when you try to turn off the EV system with the door closed and the Intelligent Key left outside the vehicle and the EV system is running. Push and hold the power switch to turn off the EV system.

(See "Intelligent Key system" (P.197).)

4. [Key Battery Low] warning

This warning appears when the Intelligent Key battery is running out of power.

If this indicator appears, replace the battery with a new one. See "Intelligent Key battery replacement" (P.448).

5. [Hold Key Near Start Button] indicator

This indicator appears when the Intelligent Key battery is running out of power and when the Intelligent Key system and vehicle are not communicating normally.

If this indicator appears, touch the power switch with the Intelligent Key while depressing the brake pedal. (See "Intelligent Key battery discharge" (P.264).)

6. [Key System Fault See Owner's Manual] warning

This warning appears if there is a malfunction in the Intelligent Key system.

If this warning appears while the traction motor is stopped, the power switch cannot be switched to the READY to drive position. If this warning appears while the power switch is in the READY to drive position, the vehicle can be driven. However, contact a NISSAN certified electric vehicle dealer.

7. [Shift to Park] warning

This warning appears when the driver's door is opened while the transmission is in any position other than P (Park).

If this warning appears, push the shift button P to engage the P (Park) position.

An inside warning chime will also sound. (See "Intelligent Key system" (P.197).)

8. [Release Parking Brake] warning

This warning appears when the accelerator pedal is depressed when the electric parking brake automatic release function cannot be used. Release the electric parking brake manually.

9. Door/tailgate open warning

This warning appears if any of the doors and/or the tailgate are open or not closed securely. The vehicle icon indicates which door or the tailgate is open on the display.

10. Occupant status display

In addition to the seat belt warning light, the occupant status display will be shown in the vehicle information display when any vehicle occupant's seat belt is not fastened. The display will remain until occupants have their seat belts securely fastened, or until acknowledged by the driver. For precautions on seat belt usage, see "Seat belts" (P.73).

11. [Low Tyre Pressure] warning

This warning appears when the low tyre pressure warning light in the meter illuminates and low tyre pressure is detected. The warning appears each time the power switch is placed in the ON position as long as the low tyre pressure warning light remains illuminated. If this warning appears, stop the vehicle and adjust the pressure to the recommended COLD tyre pressure shown on the tyre placard. (See "Low tyre pressure warning light" (P.121) and "Tyre Pressure Monitoring System (TPMS)" (P.257).)

12. [Low Washer Fluid] warning (where fitted)

This warning appears when the window washer fluid is at a low level. Add window washer fluid as necessary. (See "Window washer fluid" (P.446)).

13. [Apply parking brake] warning

This warning appears if a malfunction occurs in the electric shift control system. Contact a NISSAN certified electric vehicle dealer as soon as possible. When parking the vehicle, make sure that the parking brake is applied. If the parking brake is not applied, the power switch may not be turned off.

If the power switch cannot be placed in the OFF position, apply the parking brake and then place the power switch in the OFF position.

The message on the vehicle information display turns off and the chime stops. Have the system checked by a NISSAN certified electric vehicle dealer.

14. [T/M system malfunction Service now] warning

This warning appears if there is a malfunction in the electric shift control system.

- When shifting, confirm that the vehicle is in the desired transmission position. The shift button will illuminate and desired position (P, R, N or D) will be displayed on the vehicle information display to make sure that shifting has been performed properly.
- When parking, push the shift button P to engage the P (Park) position. (The vehicle may not automatically apply the P (Park) position.)

Have the system checked as soon as possible. It is recommended that you contact a NISSAN certified electric vehicle dealer for this service.

15. Shift position indicator

This indicator shows the shift position.

See "Electric shift control system" (P.265) for further details.

16. Drive Mode Selector indicator

When a driving mode is selected using the Drive Mode Selector, the selected mode indicator is displayed.

- [PERSONAL]
- [SPORT]
- [STANDARD]
- [ECO]

(See "Drive Mode Selector" (P.276).)

17. e-Pedal indicator

This indicator shows the status of the e-Pedal system. (See "e-Pedal indicator" (P.114) and "e-Pedal system" (P.269).)

18. [e-Pedal system unavailable Use brake pedal] warning

This warning appears when the e-Pedal system is temporarily unavailable. Stop the vehicle in a safe location. Turn the EV system off and restart the EV. If the warning message continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

19. [Shipping Mode On Push Storage Fuse] warning

This warning may appear if the extended storage switch is not pushed in. When this warning appears, contact a NISSAN certified electric vehicle dealer.

20. [Power will turn off to save the battery] warning

Under the specific conditions, this warning may appear after the power switch is in the ON position for a certain period of time.

21. [Power turned off to save the battery] warning

Under the specific conditions, this warning may appear after the power switch is automatically turned OFF to save the battery.

22. [Reminder Turn OFF Headlights] warning

This warning appears when the driver side door is opened with the headlight switch left ON and the power switch placed in the OFF position. Place the headlight switch in the AUTO position. (See "Headlight and turn signal switch" (P.161).)

23. [Headlight system fault See Owner's Manual] warning

This warning appears if the LED headlights are malfunctioning. Have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

24. [Time for a break?] indicator

This indicator appears when the set Timer Alert activates. You can set the time for up to 6 hours.

25. [Chassis control system fault See Owner's Manual] warning

This warning appears if the chassis control module detects a malfunction in the chassis control system. Have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. (See "Chassis Control" (P.403).)

26. [Low Battery] warning

This warning appears when the Li-ion battery charge is getting low. The low battery charge warning light and the master warning light also illuminate. Charge the Li-ion battery as soon as possible.

27. [Battery Charge Reminder] indicator

This charge reminder appears when the set remaining driving distance that corresponds to the remaining charge of the Li-ion battery is reached. The driver can set the timing when the charge reminder will be triggered. See "[EV Settings]" (P.133).

28. [EV System hot Power Reduced Drive slowly] warning

This warning appears when the temperature of the traction motor, Li-ion battery, etc. becomes extremely high due to driving in high outside air temperatures, continuous driving at high speed or on uphill climbs, etc. when the power limitation indicator illuminates. If this warning appears, vehicle speed will not increase due to the power limitation even if the accelerator pedal is depressed.

29. [EV System cold Power Reduced] warning

This warning appears when the temperature of Li-ion battery becomes extremely low under extremely low outside air temperatures, etc. when the power limitation indicator illuminates. If this warning appears, vehicle speed will not increase due to the power limitation even if the accelerator pedal is depressed.

30. [Battery charge is low Power reduced Charge now] warning

This warning appears when the remaining capacity of Li-ion battery becomes extremely low when the power limitation indicator illuminates. If this warning appears, vehicle speed will not increase due to the power limitation even if the accelerator pedal is depressed.

If the warning appears due to the extremely low remaining capacity of Li-ion battery, stop the vehicle in a safe location and contact a NISSAN certified electric vehicle dealer.

31. [Power reduced] warning

This warning appears due to reasons other than above power reduced warnings (hot, cold or low charge). If this warning appears, vehicle speed will not increase due to the power limitation even if the accelerator pedal is depressed.

32. [Can't start Charging plug Connected] warning

This warning appears when the power switch is in the ON position and if the power switch is pushed to the READY to drive position with the brake pedal depressed, while the charge connector is inserted to the vehicle. Remove the charge connector.

33. [Battery thermal runaway Stop safely Evacuate to safe area outside car] warning

This warning appears if the Li-ion battery is malfunctioning and a danger of the Li-ion battery thermal runaway is detected while driving.

Pull off the road to a safe location immediately, leave the vehicle and contact a NISSAN certified electric vehicle dealer.

34. [Battery thermal runaway Evacuate to safe area out side car] warning

This warning appears if the Li-ion battery is malfunctioning and a danger of the Li-ion battery thermal runaway is detected when the vehicle is stopped.

Leave the vehicle and contact a NISSAN certified electric vehicle dealer.

35-42. EV system malfunction related warnings

These warning messages appears if there is a malfunction in the EV system and the power provided to the traction motor is reduced.

The message will vary depending on the condition of the system malfunction. Be sure to follow the displayed instruction.

43. [Battery Management Fault Service Now] warning

This warning appears when there is a malfunction with the 12-volt battery system.

If this warning continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

44-45. Traffic Sign Recognition (TSR) system indicators

These indicators show the status of the Traffic Sign Recognition (TSR) system. The status is shown by the colour. (See "Traffic Sign Recognition (TSR)" (P.289).)

46. Emergency Lane Assist (ELA) indicator

This indicator appears when the Emergency Lane Assist (ELA) system is engaged.

For the ELA system, this indicator also appears when the power switch is placed in the ON position. It turns off after the EV system is started.

(See "Emergency Lane Assist (ELA) system" (P.293).)

47. Emergency Lane Assist (ELA) system OFF indicator

This indicator appears when the Emergency Lane Assist (ELA) system is turned off. (See "Emergency Lane Assist (ELA) system" (P.293).)

48. Blind Spot Warning (BSW) with Exit Warning indicator

This indicator appears when the Blind Spot Warning (BSW) with Exit Warning system is engaged.

(See "Blind Spot Warning (BSW) with Exit Warning" (P.301).)

49. Vehicle ahead detection indicator

This indicator shows the status of the following systems:

- Intelligent Emergency Braking
- Intelligent Forward Collision Warning

(See "Intelligent Emergency Braking" (P.366) or "Intelligent Forward Collision Warning" (P.377).)

50. Cruise indicator

This indicator shows the conventional (fixed speed) cruise control mode status. The status is shown by the colour.

(See "Conventional (fixed speed) cruise control mode" (P.325) or "Conventional (fixed speed) cruise control mode" (P.353).)

51. Speed limiter indicator

This indicator shows the speed limiter system status. The status is shown by the colour. (See "Speed limiter" (P.312).)

52. Intelligent Distance Control (IDC) system status indicator (where fitted)

This indicator shows the status of the Intelligent Distance Control (IDC) system. The status is shown by colour and visibility. (See "Intelligent Distance Control (IDC) (where fitted)" (P.356)).

53. Intelligent Cruise Control (ICC) system status indicator (where fitted)

This indicator shows the status of the Intelligent Cruise Control (ICC) system (without ProPILOT Assist system). The status is shown by the colour and shape.

(See "Intelligent Cruise Control (ICC) (where fitted)" (P.314).)

54. Speed control status/set distance/ lane marker indicator (where fitted)

This indicator shows the status of the Intelligent Cruise Control (ICC) system (ProPILOT Assist system) and the detection of the lane markers. The status is shown by the colour and shape. (See "ProPILOT Assist (where fitted)" (P.328).)

55. ProPILOT Assist system status indicator (where fitted)

This indicator appears when the ProPILOT Assist system (where fitted) is turned on.

(See "ProPILOT Assist (where fitted)" (P.328).)

56. Steering Assist indicator (where fitted)

This indicator appears when the Steering Assist system is engaged.

See "ProPILOT Assist (where fitted)" (P.328).

57-60. Hands on detection warning (where fitted)

This warning may appear when the Steering Assist system is engaged and the following condition(s) occur:

- When not holding the steering wheel
- When there is no steering wheel operation for some time and emergency stop is eventually engaged

Hold on the steering wheel immediately. When the steering operation is detected, the warning turns off and the Steering Assist function is automatically restored. For additional information, see "ProPILOT Assist (where fitted)" (P.328).

61-62. Steering Assist guidance (where fitted)

This message appears when the Steering Assist system is turned on or off.

See "ProPILOT Assist (where fitted)" (P.328).

63. Rear Automatic Braking (RAB) system warning indicator (where fitted)

This warning indicator appears to indicate the status of the Rear Automatic Braking (RAB) system.

See "Rear Automatic Braking (RAB) system (where fitted)" (P.391).

64. Intelligent Emergency Braking emergency warning indicator

This warning indicator appears along with an audible warning, when the Intelligent Emergency Braking system detects the possibility of a forward collision.

See "Intelligent Emergency Braking" (P.366).

65. [System fault See Owner's Manual] warning

This warning appears when the following systems (where fitted) malfunction.

- Traffic Sign Recognition (TSR)
- Emergency Lane Assist (ELA)
- Blind Spot Warning (BSW) with Exit Warning
- Rear Cross Traffic Alert (RCTA)
- Intelligent Cruise Control (ICC)
- Intelligent Distance Control (IDC)
- ProPILOT Assist
- Steering Assist
- Intelligent Emergency Braking
- Intelligent Forward Collision Warning
- Rear Automatic Braking (RAB)
- Intelligent Driver Alertness

(See "Traffic Sign Recognition (TSR)" (P.289), "Emergency Lane Assist (ELA) system" (P.293),"Blind Spot Warning (BSW) with Exit Warning" (P.301), "Rear Cross Traffic Alert (RCTA)" (P.308), "Intelligent Cruise Control (ICC)" (P.335), "Intelligent Distance Control (IDC) (where fitted)" (P.356), "ProPILOT Assist (where fitted)" (P.328), "Steering Assist" (P.348), "Intelligent Emergency Braking" (P.366), "Intelligent Forward Collision Warning" (P.377), "Rear Automatic Braking (RAB) system (where fitted)" (P.391) or "Intelligent Driver Alertness" (P.384).)

66. [Unavailable Camera Temperature High] warning

This warning appears if the interior temperature of the vehicle has reached such a high temperature that the sensor for the Steering Assist system (where fitted) can no longer function reliably.

Once the interior temperature has reached normal levels, the warning should disappear.

If the warning continues to display, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

For additional information, refer to "Steering Assist" (P.348).

67. [Currently Unavailable Poor Visibility] warning

This warning appears when the Intelligent Emergency Braking system is activated and strong light, such as sunlight or high beams from oncoming vehicles, enter the front camera.

(See "Intelligent Emergency Braking" (P.366).)

68. [Currently Unavailable] warning

This warning appears under the following conditions when the Traffic Sign Recognition (TSR) system or the Intelligent Emergency Braking system is activated.

For the TSR system:

- When the data communication between systems is temporarily interrupted

For the Intelligent Emergency Braking system:

- When the system check for the warning function did not end normally
- When the vehicle is towed

(See "Traffic Sign Recognition (TSR)" (P.289) or "Intelligent Emergency Braking" (P.366).)

69. [Currently Not Available] warning

This warning appears when the following systems (where fitted) become unavailable because the Electronic Stability Programme (ESP) system is turned off.

- Intelligent Cruise Control (ICC)
- Intelligent Distance Control (IDC)
- ProPILOT Assist

This warning also appears when the Emergency Lane Assist (ELA) system becomes unavailable when the direction of the front camera is significantly misaligned.

For additional information, refer to "Electronic Stability Programme (ESP) system" (P.401), "Intelligent Cruise Control (ICC)" (P.335), "Intelligent Distance Control (IDC) (where fitted)" (P.356), "ProPILOT Assist (where fitted)" (P.328) or "Emergency Lane Assist (ELA) system" (P.293).

70. [Currently Unavailable ESP OFF]

This warning appears when the Electronic Stability Programme (ESP) system is turned off with the following systems activated:

- Emergency Lane Assist (ELA)
- Intelligent Emergency Braking

(See "Emergency Lane Assist (ELA) system" (P.293) or "Intelligent Emergency Braking" (P.366).)

71. [Currently Unavailable Front Camera High Temperature] warning

This warning appears if the interior temperature of the vehicle has reached such a high temperature that the sensor for the following systems can no longer function reliably.

- Traffic Sign Recognition (TSR)
- Emergency Lane Assist (ELA)
- Intelligent Emergency Braking

Once the interior temperature has reached normal levels, the warning should disappear.

If the warning continues to display, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service

(See "Traffic Sign Recognition (TSR)" (P.289), "Emergency Lane Assist (ELA) system" (P.293) or "Intelligent Emergency Braking" (P.366).)

72. [Temporarily Disabled See Owner's Manual] warning

If the front radar sensor area on the front of the vehicle is covered with dirt or obstructed, making it impossible to detect a vehicle ahead, the following systems automatically turn off.

- Intelligent Emergency Braking
- Intelligent Forward Collision Warning

If the warning message appears, park the vehicle in a safe location and turn the EV system off.

Check to see if the sensor area is blocked. If the sensor area is blocked, remove the blocking material. Restart the EV system. If the warning message continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

(See "Intelligent Emergency Braking" (P.366) or "Intelligent Forward Collision Warning" (P.377).)

73. [Temporarily Disabled Front Radar Blocked] warning

If the front radar sensor area on the front of the vehicle is covered with dirt or obstructed, making it impossible to detect a vehicle ahead, the following systems (where fitted) is automatically turned off.

- Intelligent Cruise Control (ICC)
- Intelligent Distance Control (IDC)
- ProPILOT Assist

If the warning message appears, park the vehicle in a safe location and turn the EV system off.

Check to see if the sensor area is blocked. If the sensor area is blocked, remove the blocking material. Restart the EV system. If the warning

message continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

For more details, see "Intelligent Cruise Control (ICC)" (P.335), "Intelligent Distance Control (IDC) (where fitted)" (P.356), and "ProPILOT Assist (where fitted)" (P.328).

74. [Currently Unavailable Radar Inhibited] warning

This warning appears when the front radar sensor for the Intelligent Emergency Braking system and Intelligent Forward Collision Warning system pick up interference from another radar source.

(See "Intelligent Emergency Braking" (P.366) or "Intelligent Forward Collision Warning" (P.377).)

75. [Temporarily Disabled Side Radar Blocked See Owner's Manual] warning

This warning appears when the Emergency Lane Assist (ELA) system becomes unavailable because a radar blockage is detected.

(See "Emergency Lane Assist (ELA) system" (P.293).)

76. [Not available Side radar obstructed] warning

This warning appears when the following systems (where fitted) become unavailable because a radar blockage is detected.

- Blind Spot Warning (BSW) with Exit Warning
- Rear Cross Traffic Alert (RCTA)

(See "Blind Spot Warning (BSW) with Exit Warning" (P.301) or "Rear Cross Traffic Alert (RCTA)" (P.308).)

77. [Unavailable Slippery Road] warning (where fitted)

This warning appears when the following systems (where fitted) become unavailable because the road is slippery.

- Intelligent Cruise Control (ICC)
- ProPILOT Assist

(See "Intelligent Cruise Control (ICC)" (P.335) or "ProPILOT Assist (where fitted)" (P.328).)

78. [Not Available, Seat Belt Not Fastened] indicator (where fitted)

This message may appear when the ProPILOT Assist system is engaged.

Under the following condition, the ProPILOT Assist system is automatically cancelled:

- When the driver's seat belt is not fastened.

The ProPILOT Assist system cannot be used when the driver's seat belt is not fastened.

79. [Not Available Visibility is impaired] indicator (where fitted)

This message may appear when the Steering Assist system is engaged.

Under the following conditions, the Steering Assist system is automatically cancelled:

- When the wiper (HI) operates.
- When lane markers in the travelling lane cannot be correctly detected for a period of time due to such items as a snow rut, reflection of light on a rainy day or several unclear lane markers are present.

If you want to use the Steering Assist system again, cancel the ProPILOT Assist system and set it again when lane markers are clearly visible.

80. [Unavailable Low Visibility] indicator (where fitted)

This message may appear when the Steering Assist system is engaged.

Under the following conditions, the Steering Assist system is automatically cancelled:

- The camera area of the windscreen is fogged up or covered with dirt, water, drops, ice, snow, etc.
- Strong light, such as sunlight or high beams from oncoming vehicles, enter the front camera

81. [Temporarily disabled See Owner's Manual] warning

This warning appears when the Traffic Sign Recognition (TSR) system, the Emergency Lane Assist (ELA) system and/or the Intelligent Emergency Braking system is turned off automatically under the following conditions:

- The camera area of the windscreen is covered with moisture, snow, ice, dirt or some other object
- The camera area of the windscreen is continuously covered with dirt, etc.

Clean the windscreen glass of the camera area. Use the wipers and the defroster to help clear the windscreen glass.

(See "Traffic Sign Recognition (TSR)" (P.289), "Emergency Lane Assist (ELA) system" (P.293) or "Intelligent Emergency Braking" (P.366).)

82. [Steering Assist Not Available Cannot Detect Lane] indicator (where fitted)

This indicator may appear when the Steering Assist system is engaged. The Steering Assist system is automatically cancelled when the lane markers in the travelling lane cannot be correctly detected for a period of time due to such items as a snow rut, reflection of light on a rainy day or several unclear lane markers are present.

If you want to use the Steering Assist system again, cancel the ProPILOT Assist system and set it again when lane markers are clearly visible.

83. [Not Available, Parking Brake On] indicator (where fitted)

This message may appear when the ProPILOT Assist system is engaged.

Under the following condition, the ProPILOT Assist system is automatically cancelled:

- The electric parking brake is applied.

The above system cannot be used when the electric parking brake is activated.

84. [Press brake pedal] warning (where fitted)

This message may appear when the ProPILOT Assist system is engaged and the following condition occurs:

- While the vehicle is stopped by the ProPILOT Assist system, the driver's door is opened but the electric parking brake was not activated.

Step on the brake pedal immediately.

85. [Only Available with Cruise Control ON] indicator (where fitted)

This indicator appears when the Steering Assist switch is pushed while the Intelligent Cruise Control (ICC) system is not turned on. (See "ProPILOT Assist (where fitted)" (P.328).)

86. Parking sensor (sonar) indicator

This indicator appears to indicate the status of the parking sensor (sonar) system.

See "Parking sensor (sonar) system" (P.405).

87. [Parking sensor system fault See Owner's Manual] warning

This warning appears when there is a malfunction with the parking sensor (sonar) system. (See "Parking sensor (sonar) system" (P.405).)

88. [Take a break?] indicator

This indicator appears when the Intelligent Driver Alertness system detect that the driver attention is decreasing. (See "Intelligent Driver Alertness" (P.384).)

89. [OK to Accept Speed Warning] indicator

This indicator appears when the Traffic Sign Recognition (TSR) system sounds an overspeed warning chime. Slow down or push the control switch on the steering wheel to stop the warning chime. (See "Traffic Sign Recognition (TSR)" (P.289).)

CAUTION

When the focus is placed on the touch screen display (audio, navigation, climate settings) operations, the OK button on the right side steering-wheel-mounted controls does not react unless the focus is placed on the vehicle information display.

90. [Press brake pedal to prevent rolling] warning

This warning appears and a chime sounds if the vehicle moves while the automatic brake hold function is activated. Apply the footbrake to stop the vehicle moving.

91. [Press brake to operate switch] indicator

This indicator appears if the automatic brake hold switch is pushed without depressing the brake pedal while the automatic brake hold function is activated. Depress the brake pedal and push the switch to deactivate the automatic brake hold function. (See "Automatic brake hold" (P.273).)

92. [Caution Steep slope] indicator

This indicator appears and a chime sounds when the automatic brake hold function is activated while the vehicle is on a steep hill. Apply the footbrake to stop the vehicle moving. (See "Automatic brake hold" (P.273).)

93. [Steep Slope Apply footbrake] indicator

This indicator appears and a chime sounds if [Caution Steep slope] has appeared over about 3 minutes. Then, the parking brake will automatically be applied and the braking force of the automatic brake hold function will be released, and vehicle may move or roll away unexpectedly. Apply the footbrake to stop the vehicle moving. (See "Automatic brake hold" (P.273).)

94. Neutral Hold Mode guidance indicator

This indicator appears when the power switch is placed in the OFF position while the shift position is in the N (Neutral) position (Neutral hold mode is available). (See "Neutral hold mode function" (P.267).)

95. Neutral Hold Mode activated indicator

This indicator appears when the Neutral hold mode is activated. To exit the Neutral hold mode, place the vehicle in other than N (Neutral) position. (See "Neutral hold mode function" (P.267).)

96. [Neutral Hold Mode was not activated.] indicator

This indicator appears when the Neutral hold mode is unavailable. To activate the Neutral hold mode, wait for a while without shifting and then perform the operations again. (See "Neutral hold mode function" (P.267).)

97. Battery Cooling Assist ON indicator

This indicator appears when [Battery Cooling Assist] is turned on using the settings menu of the vehicle information display. (See "[EV Settings]" (P.133).)

98. [Tyre Pressure Low Check Cold Tyre] warning

This warning appears if the tyre pressure becomes higher than the target pressure during a low tyre pressure condition.

Even if the tyre pressure is above the preset target pressure, the yellow colour in the tyre pressure warning means that the tyre pressure is actually too low. Tyre pressure is increasing during driving. Check the tyre pressure when the tyre is cold.

99. [EV system cooling Temporary Power Reduction] warning

This warning appears when the temperature of the EV system becomes high because of the heat of the high voltage system. If this warning appears, vehicle speed will not increase due to the power limitation.

When the EV system cools down, this warning will turn off.

100. [Secondary Collision Mitigation Braking Fault Visit Dealer] warning

This warning appears when there is a fault with the braking system to mitigate the secondary collision. Have the system checked as soon as possible. It is recommended to contact a NISSAN certified electric vehicle dealer immediately.

101. [Steering system malfunction Stop safely] warning

This warning appears when electric power steering does not operate. Park the vehicle in a safe place immediately. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. (See "Electric power steering" (P.398))

102. [Steering system malfunction Visit dealer] warning

This warning appears when the power assist to the steering is lowered. At this time greater steering effort is required. Securely grip the steering wheel and operate it with greater force then usual. Have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. (See "Electric power steering" (P.398)).

103. [Driver Monitoring Unavailable See Owner's Manual] warning

The Driver Monitoring system is unavailable for some reason. If the warning message continues to appear, stop the vehicle in a safe location. Turn the EV system off and restart it. See "System temporarily unavailable" (P.390)

104. [Driver Monitoring Unavailable Cannot Detect Face See Owner's Manual] warning

This warning appears when driver's face is obstructed by some obstacle (ie. camera or driver's face are lit with sunlight, there is more than one face recognised near the driver's seat, driver's face being blocked by hand etc.)

When these obstructing conditions no longer exist, the system will resume automatically. See "System temporarily unavailable" (P.390)

105. [Driver Monitoring Camera Dirty Clean Camera] warning

This warning appears when the driver monitor camera is covered with dirt. It is recommended to clean the driver monitor camera. (See "System temporarily unavailable" (P.390)).

106. [Exit Warning Unavailable Operating Time Expired] warning

This warning appears after 3 minutes since the EV system is stopped. Operation time could be extended if a door is opened and closed. See "Blind Spot Warning (BSW) with Exit Warning" (P.301)

107. [V2L Power Outlet will be Switched OFF due to Min. Battery Level] warning

This message appears when the remaining capacity of the Li-ion battery level reaches the preset minimum battery limit when using V2L system. A chime will also sound. See "Vehicle to load (V2L) system (where fitted)" (P.171)

108. [V2L Power Outlet Switched OFF due to Min. Battery Level] warning

This warning appears when the remaining capacity of the Li-ion battery reaches the preset minimum battery level. A chime will sound.

When this message appears, the AC ON switch indicator light (for V2L inside) or the LED indicator of the Vehicle Load Connector (VLC) (V2L outside) will turn off.

The power supply to the V2L system will stop and the green flashing of the charging status indicator light will turn off.

For the V2L outside, the power supply will restart if the preset minimum battery level is reset to a lower level than the current Li-ion battery state of charge.

See "Vehicle to load (V2L) system (where fitted)" (P.171).

109. [V2L Power Outlet Not Available] warning

This warning appears when the V2L system is not activated even though the appropriate operation has been performed.

See "Vehicle to load (V2L) system (where fitted)" (P.171)

110. [For V2L Power Outlet Status Turn ON in Settings] indicator

This indicator is displayed when the vehicle power is turned off, if the system is set so that the V2L power supply information is not displayed while the vehicle power switch is OFF.

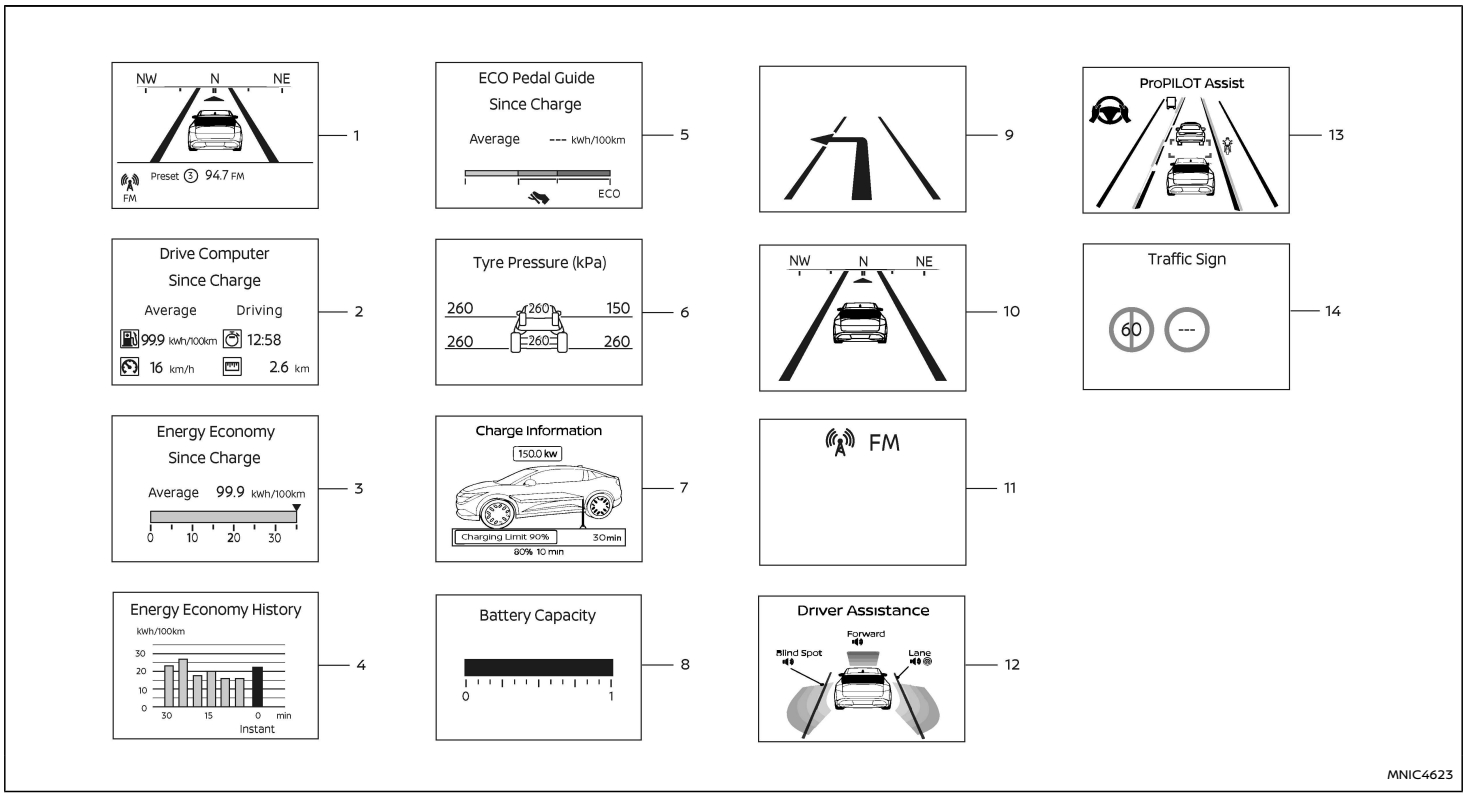
See "[EV Settings]" (P.133) and "Vehicle to load (V2L) system (where fitted)" (P.171)

111. [V2L Power Outlet Switched OFF due to Electrical Fault See Owner's Manual] warning

If this warning message appears when using the V2L system (V2L outside), the charging status indicator light flashes in red (see "Charging status indicator light" (P.55)) and the VSP sounds (see "Approaching Vehicle Sound for Pedestrians (VSP) system" (P.31)). Stop using the Vehicle Load Connector (VLC) and have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

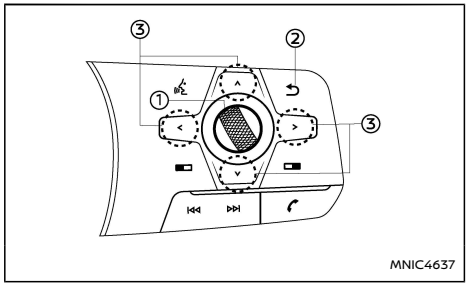
See "Vehicle to load (V2L) system (where fitted)" (P.171)

TRIP COMPUTER



NOTE:

The displayed images and the displayed items may differ depending on the model.



Switches for the trip computer are located on the right side of the steering wheel.

① Scroll dial - navigate through the items and change or select an item in vehicle information display.

This scroll dial allows up/down navigation and push to select.

② ⮌ - go back to the previous menu

③ < > , ^ v - change from one display screen to the next (i.e. trip, energy economy)

The displayed images and displayed items may differ depending on the model.

1. Home

The Home mode shows the following information.

- Vehicle speed
- Navigation
- Audio

2. [Drive Computer]

Average energy consumption:

This shows the average energy consumption since the last reset.

Average speed:

This shows the average vehicle speed since the last reset.

Trip odometer:

This shows the total distance the vehicle has been driven since the last reset.

Elapsed time:

This shows the elapsed time since the last reset.

The [Drive Computer] mode has three modes of operation. You can switch between [Since Reset], [Since Start] or [Since Charge] by pushing the scroll dial ①.

[Since Reset] can be reset manually by using the scroll dial ①.

[Since Start] will be reset automatically each time the power switch is placed in the READY to drive position.

[Since Charge] will be reset automatically each time when charging.

3. [Energy Economy]

Instant energy consumption:

This shows the instant energy consumption.

Average energy consumption:

This shows the average energy consumption since the last reset.

The [Energy Economy] mode has three modes of operation. You can switch between [Since Reset], [Since Start] or [Since Charge] by pushing the scroll dial ①.

[Since Reset] can be reset manually by using the scroll dial ①.

[Since Start] will be reset automatically each time the power switch is placed in the READY to drive position.

[Since Charge] will be reset automatically each time when charging.

4. [Energy Economy History]

The [Energy Economy History] mode shows the energy economy from the past hour by bar graph. The graph is updated every 5 minutes. The graph continues to be updated after the power switch is placed in the OFF position and will be reset after 30 minutes (in classic view) or 60 minutes (in enhanced view).

For classic view, see “Meters and gauges” (P.109).

For enhanced view, see “Changing the meter screen view” (P.111)

5. [ECO Pedal Guide]

When the [ECO] mode is selected, you can view the [ECO Pedal Guide] function for improving energy economy.

See "[ECO] mode" (P.277)

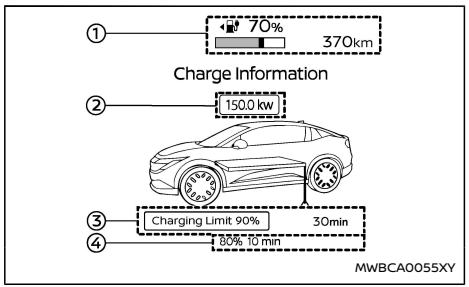
6. [Tyre Pressure]

The [Tyre Pressure] mode shows the pressure of all four tyres while the vehicle is driven.

With the [Tyre ECO advice] function ON, when the tyre pressure is getting low, [ECO Advice Adjust Tyre Pressures] appears. (See "[ECO Settings]" (P.131) and "[Tyre ECO advice]" (P.277).)

When the [Low Tyre Pressure] warning appears, the display can be switched to the [Tyre Pressure] mode by pushing the scroll dial ① to reveal additional details on the displayed warning.

7. [Charge Information]



The [Charge Information] mode shows the estimated time to charge the Li-ion battery to 80% of the full level, and to the set charging limit.

Correct estimated charge time will be displayed after 1 minute from placing the power switch in the ON position.

Before charging starts, the displayed charging time is calculated based on the electrical power (supplied to the charger), which is selected in the [Power for Est. time] setting under the [EV Settings] menu.

While charging, the charging time is calculated based on the actual electrical power.

The display shows:

1. The currently remaining Li-ion battery charge level.
2. The electrical power that is set by the driver (while not charging) or that is actually supplied (while charging).
3. The estimated charging time to reach the set charging limit (90% for this example).

NOTE:

- **If the estimated charging time is longer than 24 hours, [Over 24 h] is displayed.**
- **When the currently remaining Li-ion battery level exceeds the charging limit level, the charging time will be displayed as a blank.**
- **When the Li-ion battery was almost fully charged, all the charging time information will be displayed as a blank.**

4. The estimated charging time to reach the 80% of the full charge.

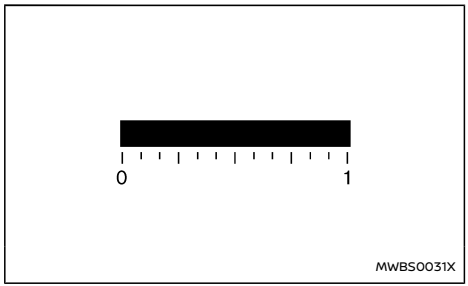
When charging is not performed, pushing the scroll dial on the steering wheel will switch the display to the [Charge Information] menu. Select the electrical power that you wish to show in the [Power for Est. time] display.

While charging, the scroll dial cannot be operated to switch to the [Charge Information] menu.

NOTE:

- **While charging, the estimated charging time is calculated based on the electrical power that is currently supplied to the charger.**
- **For the DC fast charging, the electrical power display will change to the actual electrical power while charging. If the charging is stopped or the power supply is stopped (unplugged, etc.), the displayed electrical power returns to the selected electrical power.**
- **The displayed charging time on each percentage level is the current estimation, and the actual charging time will vary depending on the conditions of the vehicle or the state of charge.**
- **The actual charging time may be longer than the displayed charging time in cold weather.**
- **Right after starting or stopping charge, the estimated charging time may be differ from the actual charging time. The actual charging time will be displayed after a while.**
- **Even if the displayed charging status is "100%", charging may continue.**

8. [Battery Capacity]



The [Battery Information] mode shows the amount of charge the Li-ion battery is capable of storing.

When the capacity of the Li-ion battery decreases with age and usage, the gauge will also decrease.

9. Navigation

The Navigation mode shows the navigation route information when the route guidance is set in the navigation system.

10. Compass

The Compass mode shows the heading direction of the vehicle.

11. Audio

The Audio mode shows the status of audio information.

12. Driver Assistance

The Driver Assistance mode shows the operating condition for the following systems.

- [Forward Assist]:
  - [Distance Control]
  - [Navi Link]
  - [Speed Limit Link]
- [Lane Assist]:
  - [Emergency Lane]
  - [Advanced Lane]
  - [Lane Sensitivity]
  - [Vibration Level]
- [Blind Spot Assist]:
  - [Warning]
  - [Exit Warning]
- [Emergency Brake]:
  - [Emergency Braking]
  - [Warning Timing]

For more details, see “Driver Assistance display” (P.281).

13. ProPILOT Assist

The ProPILOT Assist mode shows the operating conditions for the following systems:

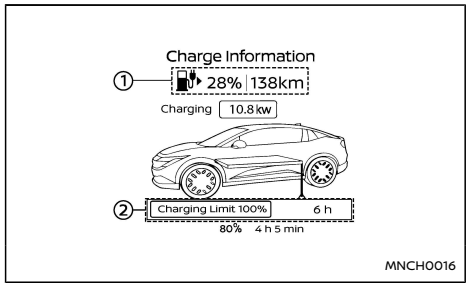
- Intelligent Cruise Control (ICC)
- Steering Assist

The display will also be shown when the ProPILOT Assist system is turned on. For additional information, see “ProPILOT Assist (where fitted)” (P.328).

14. [Traffic Sign]

The Traffic Sign Recognition (TSR) system provides the driver with information about the most recently detected speed limit. See “Traffic Sign Recognition (TSR)” (P.289) for more details.

CHARGING STATUS DISPLAY



The charging status display appears for approximately 30 seconds when:

- DC fast charging is started and the power switch is placed in the OFF position.
- A door is unlocked during DC fast charging and the power switch is in the OFF position.

① Li-ion battery charge level

- Current Li-ion battery charge level is displayed.

② Estimated charge time

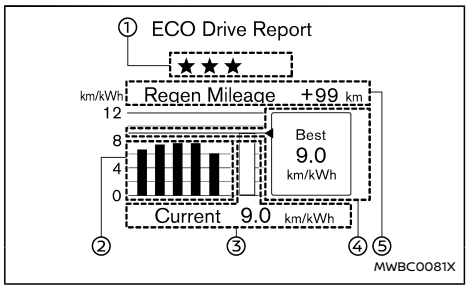
- When charging, it shows the estimated time to charge the Li-ion battery to a full level as well as the estimated time to 80% level. The time is

calculated based on the actual electrical power.

- The actual charging time may be longer than the displayed charging time in cold weather.
- When the Li-ion battery temperature control system operates, longer charging time may be displayed.

[ECO DRIVE REPORT]

The [ECO Drive Report] appears for approximately 30 seconds when the power switch is placed in the OFF position after the vehicle was driven for more than 500 m (0.3 miles), and the scroll dial on the steering wheel is operated.



① ECO evaluation

The more economically you drive, the more ★ appears.

② Previous 5 times (History)

The average energy economy for the previous 5 times will be displayed.

③ Current energy economy

The most recent average energy economy will be displayed.

④ Best energy economy

The best energy economy in the history will be displayed.

⑤ Regenerated energy (mileage)

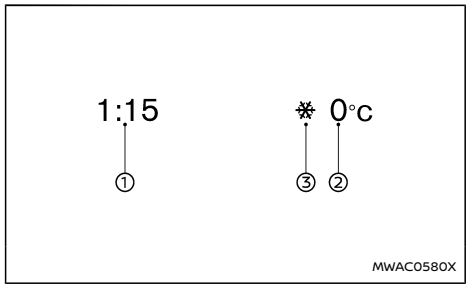
The amount of regenerated energy stored in the Li-ion battery in one trip will be displayed in terms of distance.

If the vehicle has been driven mostly on downhill roads, more energy is regenerated. This may cause the regenerated energy (mileage) ④ to show longer distance than the vehicle was driven, or the current energy economy ② to show smaller value.

When the scroll dial on the steering wheel is pushed while the [ECO Drive Report] is shown, the display will be switched to the timer display. Either display will continue to be displayed for another 30 seconds when the scroll dial is operated. If the doors are locked after the power switch was placed in the OFF position, the display will turn off before the preset time.

In the [Settings] menu, you can set the [ECO Drive Report] not to appear when the power switch is placed in the OFF position. See "[Settings]" (P.128).

CLOCK AND OUTSIDE AIR TEMPERATURE



The clock ①, once enabled in the [Settings] menu, is displayed on the upper side of the vehicle information display.

The outside air temperature ② is displayed on the lower side of the vehicle information display.

The displayed position varies depending on the meter screen view.

See "Changing the meter screen view" (P.111).

Clock

For clock adjustment, see "[Clock]" (P.132) or the separate NissanConnect Owner's Manual.

Outside air temperature

The outside air temperature is displayed in °C or °F in the range of –40 to 60°C (–40 to 140°F).

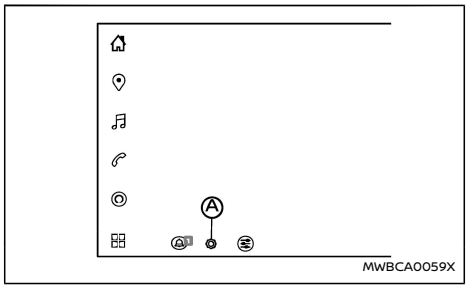
The outside air temperature mode includes a low temperature warning feature. If the outside air

TOUCH SCREEN DISPLAY

temperature is below –3°C (27°F), the indicator ③ is displayed.

The outside temperature sensor is located in front of the radiator. The sensor may be affected by road or EV system heat, wind directions and other driving conditions. The display may differ from the actual outside temperature or the temperature displayed on various signs, billboards or media information.

Some of the vehicle equipment/features can be operated using the touch screen display. See the separate NissanConnect® Owner's Manual for the basic usage of the touch screen display.



Example

Touch ⚙ Ⓐ on the touch screen display to display "All Settings" menu.

Touch to select your desired item.

Available setting items vary depending on models, specifications, software versions and conditions.

See the following items for the vehicle-related equipment/features. For items other than those listed below, please refer to the separate NissanConnect® Owner's Manual.

VEHICLE

EV

See "EV Notifications settings" (P.33).

Camera

The following items for the camera can be adjusted or turned on or off. See "Intelligent Around View Monitor (where fitted)" (P.226) for more details.

- [Display Settings]
  - [Brightness]
  - [Contrast]
  - [Tint]
  - [Colour]
  - [Black Level]
- [Saved Locations]

  Allows user to change or delete the registered locations.
- [My Parking Locations]

  Allows user to register various addresses (home, office, other).
- Automatic 360° Moving

  Allows user to turn this function ON/OFF. If this item is ON, the 3D view of the vehicle will turn 360° when the <CAMERA ☀/🌙> button is pushed first time after the power switch ON.
- Vehicle Colour

  Allows user to change the vehicle colour viewed in the Intelligent Around View® Monitor.

Climate

The following items for the air conditioner can be adjusted or turned on or off. See "Heater and air conditioner" (P.244) for more details about the air conditioner.

- [Heated Steering Wheel Sensitivity]
  Allows user to select your preferred sensitivity from below.
  [OFF], 1, 2 or 3
- [Driver Auto Seat Sensitivity]
  Allows user to select your preferred sensitivity from below.
  [OFF], 1, 2 or 3
- [Passenger Auto Seat Sensitivity]
  Allows user to select your preferred sensitivity from below.
  [OFF], 1, 2 or 3
- [Climate Schedule]
  Allows user to select preferred Climate Schedule. (See "[Climate Schedule]" (P.248)).

Seat

The following items for the seat can be adjusted or turned on or off. See "Seats" (P.64).

- [Driver's Seat Pop-up]
  Allows user to turn on the display pop-up function for the driver's seat [ON]/[OFF].

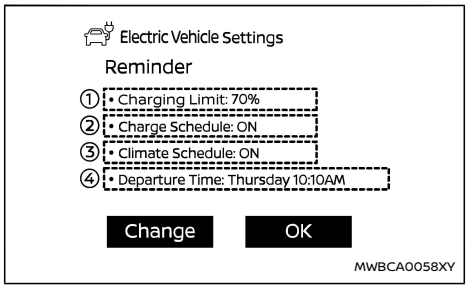
Interior Light

The following items for the interior light can be adjusted or turned on or off. See "Interior lights " (P.188).

Following items are available.

- [Accent Lighting]
  Allows user to set the brightness of the accent lighting.
- [Ambient Lighting]
  Allows user to turn the light ON/OFF, adjust the brightness and set the items below.
  (Locations)
  — [Front]
  (Colours)
  — [ProPILOT Assist mode]
  — [Delight] (4 colours)
  — [Discovery] (4 colours)
  — [Passion] (4 colours)
  — [Harmony] (4 colours)

CHARGE AND CLIMATE REMINDER DISPLAY



The Charge and Climate Reminder display appears for a short period of time when:

- The power switch is turned off.
- The power switch is in the off position and the charging connector is plugged in and connected.

Following items appear on the Charge and Climate Reminder display:

① [Charging Limit]

Displays the set charge limit.

② [Charge Schedule]

Displays the charge schedule status ON/OFF.

③ [Climate Schedule]

Displays the climate schedule status ON/OFF.

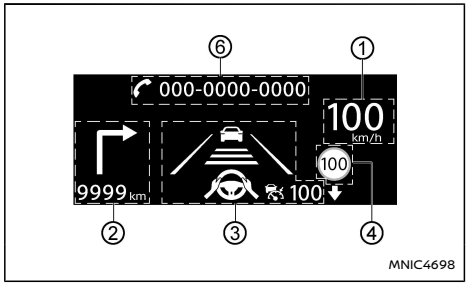
④ [Departure Time]

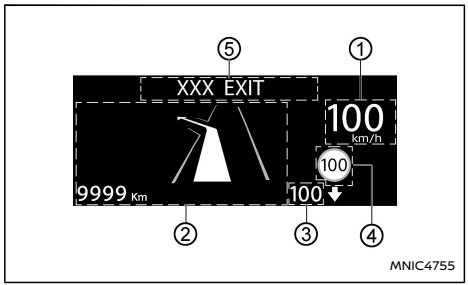
Displays the set departure time (day of a week and time).

Touch [Change] and one of the above items to change the setting.

Touch [OK] to dismiss the display.

HEAD UP DISPLAY (HUD) (where fitted)





⚠ WARNING

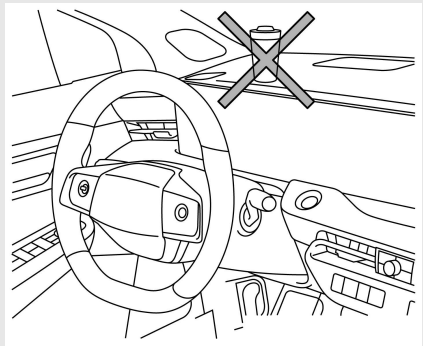
- **Failure to properly adjust the brightness and position of the displayed image may interfere with the driver's ability to see through the windscreen, which could cause an accident leading to severe injury or death.**
- **Do not use the Head Up Display (HUD) for extended periods of time as that can cause you to not see other vehicles, pedestrians or objects, which could cause an accident leading to severe injury or death.**

The Head Up Display (HUD) can display one or more of the following features (where fitted):

① Vehicle speed
② Navigation
③ Driving Assist
④ Traffic Sign
⑤ Driver Assistance message
⑥ TEL

CAUTION

- **Do not place any type of liquid on or near the projector. Doing so may cause malfunction of the equipment.**



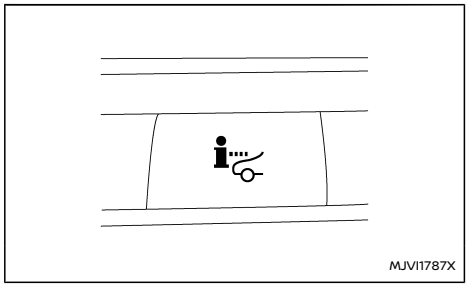
- **Do not touch any internal parts of the projector. Doing so may cause malfunction of the equipment.**
- **To prevent scratches to the projector glass, do not place any sharp objects on or near the projector opening.**
- **Do not place any objects on the instrument panel which may obstruct the display of the HUD.**
- **For cleaning, use a soft clean dry cloth. If it cannot be removed, use a soft clean cloth, dampened with water. Then use a soft clean cloth. Never use a rough cloth or paper towel, alcohol, benzine, solvent or chemical cleaning agent. They will scratch or cause discoloration to the projector lens.**
- **Do not spray any liquid such as water on the projector lens. Spraying liquid may cause the system to malfunction.**

NOTE:

- **If you wear polarised sunglasses, the display may be difficult to see. Increase the brightness of the HUD in the vehicle information display or remove your sunglasses.**
- **Depending on weather conditions (rain, snow, sunlight, etc.), the display may be difficult to see.**
- **If the displayed image appears distorted, it is recommended you have the system checked by a NISSAN certified electric vehicle dealer.**

- **The HUD has a special windscreen to allow the image to be displayed clearly. If your windscreen needs replacing, this should be completed by a NISSAN certified electric vehicle dealer.**

HOW TO USE THE HUD



To turn the HUD on, push the HUD switch. To turn the HUD off, push the switch again.

If the HUD is turned off, it will remain off even if the vehicle is restarted.

The following settings can be changed in the vehicle information display:

- [Brightness]
- [Height]
- [Rotation]
- [Contents selection]
  - [Navigation]
  - [Driving Aids]
  - [Traffic Sign]
  - [Phone]
- [Reset]

NOTE:

- **Emergency information may display even if the HUD is turned off.**
- **When Driving Aids is activated, the HUD will be displayed with the ProPILOT Assist switch on even if the HUD switch is turned off.**

This product includes the following software.

(1) Panasonic Corporation or software developed for Panasonic Corporation

(2) Third-party software licensed to Panasonic Corporation

(3) Open source software

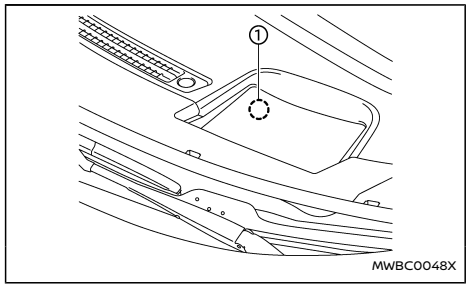
Regarding (3) Open source software, it includes open source software (OSS), including various software to which licence information applies.

Refer to the licence web site at: http://car.panasonic.jp/oss/j03llnna

Display brightness

The brightness of the display may be controlled in the vehicle information display. The brightness will also be adjusted automatically according to the exterior ambient lighting brightness.

Do not apply strong light to the sensor of Head Up Display. Doing so may cause a malfunction.



NOTE:

- **The HUD has a built-in sensor ① that controls the brightness of the displayed image. If you block the sensor with an object, the display will darken, making it difficult to see.**

DRIVING AIDS/NAVIGATION/TRAFFIC SIGN

The HUD will display Driving Aids and navigation information.

The Driving Aids display will show warning situations for the following systems:

- Intelligent Emergency Braking
- Intelligent Forward Collision Warning
- Hands-free warning (for vehicles with ProPILOT Assist) (where fitted)

The Navigation system linking display will show the following items:

- Intersection names

SECURITY SYSTEMS

- Arrows indicating turning direction
- Distance to the next intersection
- Recommended lane indicator

The Traffic Signs Recognition (TSR) system linking display will show the following items:

- Speed Limit Sign
- No Entry Sign

The Telephone linking display will show the following items:

- Caller's name or phone number

Your vehicle has either or both of the following security systems:

- Theft warning
- NISSAN Anti-theft System (NATS)*

(* immobiliser)

THEFT WARNING SYSTEM

The theft warning system provides visual and audio alarm signals if parts of the vehicle are disturbed.

For models with ultrasonic sensor

How to activate system:

1. Close all windows and sunroof (where fitted).
2. Place the power switch in the OFF position.
3. Carry the Intelligent Key with you and get out of the vehicle.
4. Make sure the bonnet and the tailgate are closed. Close and lock all doors with the Intelligent Key, the lock sensor (on the front door handles) or the request switch.

   If the bonnet is open, the buzzer will sound. The buzzer will stop when the bonnet is correctly closed.

Even when the driver and/or passengers are in the vehicle, the system will activate with all doors locked and the power switch off. Place the power switch in the ON position to turn the system off.

If the system malfunctions, the short beep sounds 5 times or the hazard indicator blinks for about 10 seconds when the system is activated. Have the system checked by a NISSAN certified electric vehicle dealer.

Theft warning system operation:

The warning system will give the following alarm:

- The hazard indicator lights blink and the horn sounds intermittently for approximately 30 seconds.
- The alarm automatically turns off after approximately 30 seconds. However, the alarm reactivates if the vehicle is tampered with again.

The alarm is activated when:

- operating the door or the tailgate without using the Intelligent Key, the capacitive unlock sensor (on the front door handles) or the request switch.
- opening the bonnet.
- the volumetric sensing system (ultrasonic sensor) is triggered (when it is activated).
- the power supply is disconnected.

How to stop alarm:

- The alarm will stop by unlocking a door with the capacitive unlock sensor, the request switch or the UNLOCK button on the Intelligent Key.
- The alarm will stop if the power switch is placed in the ON position.

Operation of the ultrasonic sensor:

The ultrasonic sensor (volumetric sensing), detects movement in the passenger's compartment. When the theft warning system is set to the armed

position, it will automatically switch on the ultrasonic sensor.

It is possible to exclude the ultrasonic sensor (for example, when transporting the vehicle on a ferry).

To exclude the ultrasonic sensor:

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Vehicle Settings]. Then push the scroll dial.
2. Select [Alarm System]. Then push the scroll dial. The following options are available:
   - [Always ON]

     When selected, the ultrasonic sensor will activate each time the alarm is set.
   - [Ask on Exit]

     When selected, the system provides the choice to disable the ultrasonic sensor after the power switch is placed in the OFF position.
   - [Disable Once]

     When selected, the ultrasonic sensor will be disabled until the next time the power switch is placed in the ON position.

   Select [Disable Once] or [Ask on Exit]. Then push the scroll dial.
3. Close the doors, bonnet and tailgate. Lock them using the Intelligent Key, the lock sensor or the request switch.

The ultrasonic sensor is now excluded from the theft warning system. All other functions of the system remain activated until the theft warning system is disarmed again.

For models without ultrasonic sensor

How to activate system:

1. Close all windows and sunroof (where fitted).

   The system can be armed even if the windows are open.
2. Place the power switch in the OFF position.
3. Remove the Intelligent Key from the vehicle.
4. Close all doors, bonnet and tailgate. Lock all doors. The doors can be locked with the Intelligent Key, the lock sensor (on the front door handles) or request switch.

Even when the driver and/or passengers are in the vehicle, the system will activate with all doors, bonnet, and tailgate locked with the power switch in the OFF position. When placing the power switch in the ON position, the system will be released.

Theft warning system operation:

The vehicle security system will give the following alarm:

- The hazard indicator lights blink and the horn sounds intermittently.
- The alarm automatically turns off after approximately 27 seconds. However, the alarm reactivates if the vehicle is tampered with again.

The alarm is activated by:

- Unlocking the door or opening the tailgate without using the button on the Intelligent Key, the capacitive unlock sensor (on the front door handles) or the request switch. (Even if the door is unlocked with the door inside handle, power door lock switch or mechanical key, the alarm will activate.)
- Opening the bonnet.

How to stop alarm:

- The alarm will stop by unlocking a door by pushing the UNLOCK button on the Intelligent Key.
- The alarm will stop if the power switch is placed in the ON position.

NISSAN ANTI-THEFT SYSTEM (NATS)

The NISSAN Anti-Theft System (NATS) will not allow EV (Electric Vehicle) system to start without the use of the registered NATS key.

If the power switch cannot be placed in the READY to drive position using the registered NATS key, it may be due to interference caused by:

- Another NATS key.
- Automated toll road device.
- Automated payment device.
- Other devices that transmit similar signals.

Place the power switch in the READY to drive position using the following procedure:

1. Remove any items that may be causing the interference away from the NATS Key.
2. Leave the power switch in the ON position for approximately 5 seconds.

WIPER AND WASHER SWITCH

3. Place the power switch in the OFF position, and wait approximately 10 seconds.
4. Repeat steps 2 and 3 again.
5. Place the power switch in the READY to drive position.
6. Repeat the steps above until all possible interference is eliminated.

If this procedure allows the power switch to be placed in the READY to drive position, NISSAN recommends placing the registered NATS Key separate from other devices to avoid interference.

⚠ WARNING

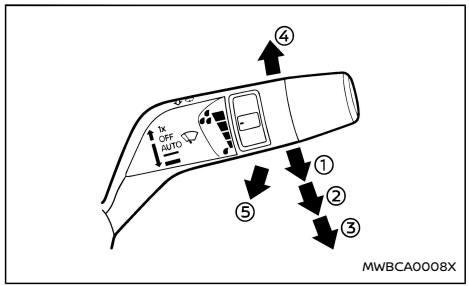
In freezing temperatures the washer solution may freeze on the windscreen and obscure your vision which may lead to an accident. Warm windscreen with the defroster before you wash the windscreen.

CAUTION

- **Do not operate the washer continuously for more than 30 seconds.**
- **Do not operate the washer if the reservoir tank is empty.**
- **Do not fill the window washer reservoir tank with washer fluid concentrates at full strength. Some methyl alcohol based washer fluid concentrates may permanently stain the grille if spilled while filling the window washer reservoir tank.**
- **Pre-mix washer fluid concentrates with water to the manufacturer's recommended levels before pouring the fluid into the window washer reservoir tank. Do not use the window washer reservoir tank to mix the washer fluid concentrate and water.**

If the windscreen wiper operation is interrupted by snow or ice, the wiper may stop moving to protect its motor. If this occurs, turn the wiper switch to the OFF position and remove the snow or ice that is on and around the wiper arms. In approximately 1 minute, turn the switch on again to operate the wiper.

WINDSCREEN WIPER AND WASHER OPERATION



(example)

The windscreen wiper and washer operates when the power switch is in the ON position.

Push the lever down to operate the wiper at the following speed:

① AUTO — see "Rain-sensing auto wiper system" (P.160).

② Low — continuous low speed operation

③ High — continuous high speed operation

If the power switch is placed in the OFF position while the wiper operates in the high speed position, the wiper will not operate the next time the power switch is placed in the ON position. To operate the wiper, move the lever to any position other than high speed.

Push the lever up ④ to have one sweep operation of the wiper.

Pull the lever toward you ⑤ to operate the washer. Then the wiper will also operate several times.

Wiper drip wipe system:

The wiper will also operate about 3 seconds after the washer and wiper are operated. This operation is to wipe the washer fluid that has dripped on the windscreen.

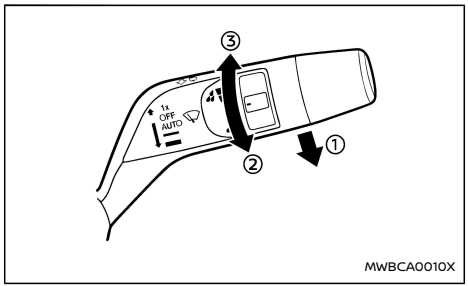
Wiper to service position:

1. Place the windscreen wiper and washer lever into the OFF position.
2. Rapidly lift the windscreen wiper and washer lever upwards twice within 0.5 seconds. This action will cause the wipers to automatically take the service position. This function is used for the wiper blade replacement. (See "Replacing" (P.445)).

CAUTION

Do not operate the windscreen wiper while the wiper arm is pulled up. The wiper arm may be damaged.

RAIN-SENSING AUTO WIPER SYSTEM



(example)

The rain-sensing auto wiper system can automatically turn on the wipers and adjust the wiper speed depending on the rainfall and the vehicle speed by using the rain sensor located on the upper part of the windscreen.

To set the rain-sensing auto wiper system, push the lever down to the "AUTO" position ①. The wiper will sweep once while the power switch is in the ON position.

The rain sensor sensitivity level can be adjusted by turning the knob toward ② (Low) or ③ (High).

- High — High sensitive operation
- Low — Low sensitive operation

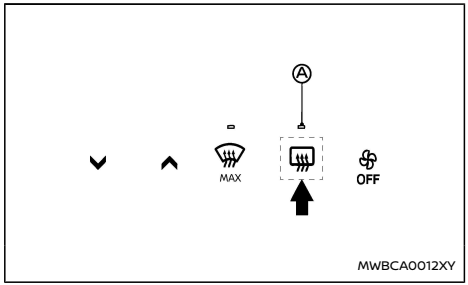
To turn the rain-sensing auto wiper system off, push up the lever to the "OFF" position, or pull down the lever to the other.

CAUTION

Do not touch the rain sensor and around it when the wiper switch is in the "AUTO" position and the power switch is in the ON position. The wipers may operate unexpectedly and cause an injury or may damage a wiper.

- **The rain-sensing auto wipers are intended for use during rain. If the switch is left in the "AUTO" position, the wipers may operate unexpectedly when dirt, fingerprints, oil film or insects are stuck on or around the sensor. The wipers may also operate when exhaust gas or moisture affect the rain sensor.**
- **When the windscreen glass is coated with water repellent, the speed of the rain-sensing auto wipers may be higher even though the amount of the rainfall is small.**
- **Be sure to turn off the rain-sensing auto wiper system when you use a car wash.**
- **The rain-sensing auto wipers may not operate if rain does not hit the rain sensor even if it is raining.**
- **Using genuine wiper blades is recommended for proper operation of the rain-sensing auto wiper system. (See "Windscreen wiper blades" (P.445) for wiper blade replacement.)**

REAR WINDOW AND OUTSIDE MIRROR DEFROSTER SWITCH (where fitted)



To defog/defrost the rear window glass and outside mirrors, start the EV system and push the switch located in the heater and air conditioner control panel. The indicator light Ⓐ will illuminate. Push the switch again to turn the defroster off.

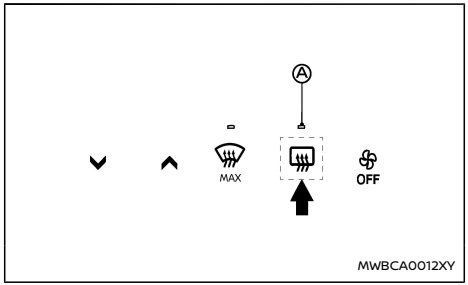
It will automatically turn off in approximately 20 minutes.

CAUTION

When operating the defroster continuously, be sure to start the EV system. Otherwise, it may cause the 12-volt battery to discharge.

When cleaning the inner side of the rear window, be careful not to scratch or damage the rear window defogger.

WINDSCREEN DEICER SWITCH (where fitted)



The deicer is used to remove ice from the windscreen when a wiper is frozen to the windscreen.

To defrost the windscreen, start the EV system and push the switch located in the heater and air conditioner control panel. The indicator light Ⓐ illuminates and the deicer operates for approximately 20 minutes. The rear window defogger will activate at the same time. After the preset time has passed, the deicer will turn off automatically. To turn off the deicer manually, push the deicer switch again, and the indicator light turns off.

CAUTION

- **When operating the deicer continuously, be sure to start the EV system. Otherwise, it may cause the battery to discharge.**
- **When cleaning the inner side of the window, be careful not to scratch or damage the electrical conductors on the surface of the window.**

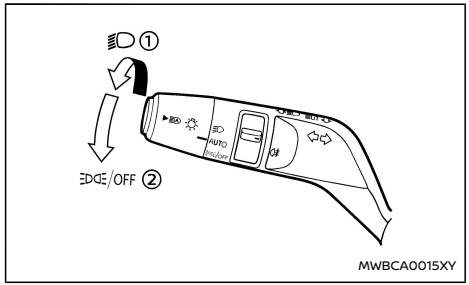
HEADLIGHT AND TURN SIGNAL SWITCH

HEADLIGHT SWITCH

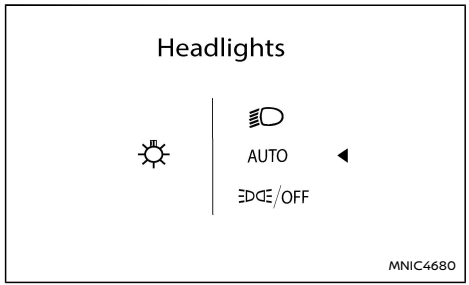
CAUTION

Use the headlights with the EV system running to avoid discharging the 12-volt battery.

Lighting



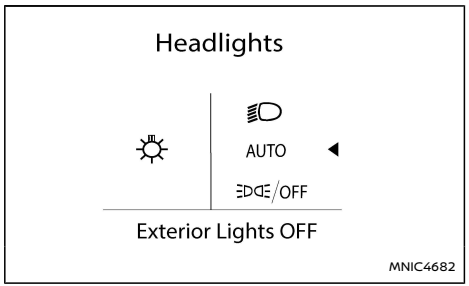
Fixed position for this switch is in <AUTO> or in position.



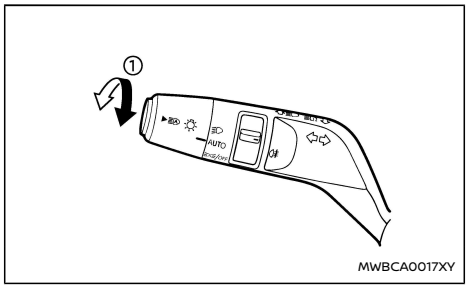
① Rotate the switch to the position, and the headlights will come on and all the other lights remain on. The daytime running light will turn off.

The Intelligent Auto Headlight system will be deactivated in this position.

② Rotate the switch to the position twice in within 4 seconds and the front clearance, tail, number plate, and instrument panel lights will come on. To switch off all exterior lights you need to turn the switch to the position and hold it for 1 second while the vehicle is stationary and the shift position is placed in P (Park) position or the parking brake is applied. The message [Exterior Lights OFF] will appear. The system will return to <AUTO> mode when these conditions are no longer met.



Intelligent Auto Headlight system



(example)

The Intelligent Auto Headlight system allows the headlights to be set so they turn on and off automatically.

To set the Intelligent Auto Headlight system:

1. Make sure the headlight switch is in the AUTO position ①.
2. Place the power switch in the ON position.
3. The Intelligent Auto Headlight system automatically turns the headlights on and off.

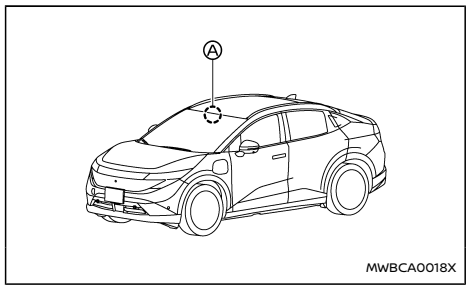
To turn the Intelligent Auto Headlight system off, turn the switch to the position.

The Intelligent Auto Headlight system can turn on the headlights automatically when it is dark and turn off the headlights when it is light.

After switching to the position ②, and then placing the power switch in the OFF position, the headlights may turn back on when the power switch is placed back to ON position.

The headlights will also be turned on automatically at twilight or in rainy weather.

With the AUTO position selected (headlights are on), if the power switch is placed in the OFF position and one of the doors is opened and this condition is continued, the headlights remain on for 5 minutes.

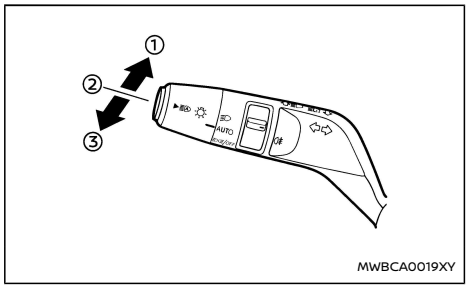


Be sure not to put anything on top of the sensor Ⓐ located in front of the inside mirror. The sensor controls the Intelligent Auto Headlight; if it is covered, the sensor reacts as if it is dark and the headlights will illuminate.

Automatic headlights off delay:

You can keep the headlights on for up to 180 seconds after you push the power switch to OFF and open any door then close all the doors. It can be activated by pulling the light stalk towards rear position. Each pull adds extra 30 seconds of the delay. You can adjust the period of the automatic headlights off delay from 0 seconds (OFF) to 180 seconds.

Headlight beam select



(example)

① To select the high beam, push the lever forward and release it. The high beam lights come on and the light illuminates.

② Pull the lever back or push it forward again and release it to select the low beam.

③ To flash the headlights when the high beam is not selected, pull the lever towards the rear position. To flash the headlights when the high beam is selected, pull the lever twice towards the rear position.

High beam assist (where fitted)

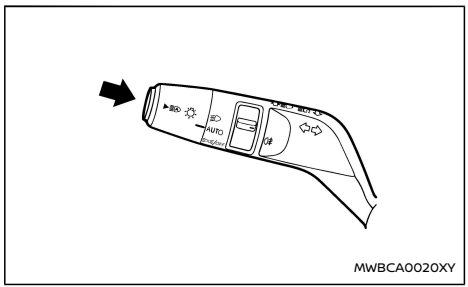
The high beam assist system will operate when the vehicle is driven at speeds of approximately 40 km/h (25 MPH) and above. If an oncoming vehicle or leading vehicle appears in front of your vehicle when the headlight high beam is on, the headlight will be switched to the low beam automatically.

Precautions on high beam assist:

⚠ WARNING

- **The high beam assist system is a convenience but it is not a substitute for safe driving operation. The driver should remain alert at all times, ensure safe driving practices and switch the high beams and low beam manually when necessary.**
- **The high beam or low beam may not switch automatically under the following conditions. Switch the high beam and low beam manually.**
  - **— During bad weather (rain, fog, snow, wind, etc.).**
  - **— When a light source similar to a headlight or tail light is in the vicinity of the vehicle.**
  - **— When the headlights of the oncoming vehicle or the leading vehicle are turned off, when the colour of the light is affected due to foreign materials on the lights, or when the light beam is out of position.**
  - **— When there is a sudden, continuous change in brightness.**
  - **— When driving on a road that passes over rolling hills, or a road that has level differences.**
  - **— When driving on a road with many curves.**
  - **— When a sign or mirror-like surface is reflecting intense light towards the front of the vehicle.**
  - **— When the container, etc. being towed by a leading vehicle is reflecting intense light.**
  - **— When a headlight on your vehicle is damaged or dirty.**
  - **— When the vehicle is leaning at an angle due to a punctured tyre, being towed, etc.**
- **The timing of switching the low beam and high beam may change under the following situations.**
  - **— The brightness of the headlights of the oncoming vehicle or leading vehicle.**
  - **— The movement and direction of the oncoming vehicle and the leading vehicle.**
  - **— When only one light on the oncoming vehicle or the leading vehicle is illuminated.**
  - **— When the oncoming vehicle or the leading vehicle is a two-wheeled vehicle.**
  - **— Road conditions (incline, curve, the road surface, etc.).**
  - **— The number of passengers and the amount of cargo.**

High beam assist operations:



(example)

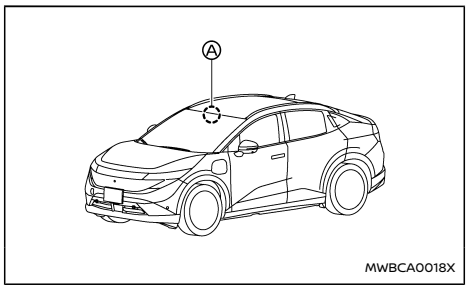
To activate the high beam assist system, push the switch as illustrated with the AUTO position (or ≡DC≡ position depending on the model). The high beam assist indicator light in the meter will illuminate while the headlights are turned on.

If the high beam assist indicator light does not illuminate in the above condition, it may indicate that the system is not functioning properly. It is recommended you have the system checked by a NISSAN certified electric vehicle dealer.

When the vehicle speed lowers to less than approximately 25 km/h (15 MPH), the headlight remains in low beam.

To turn off the high beam assist system, push the switch again.

Ambient image sensor maintenance:



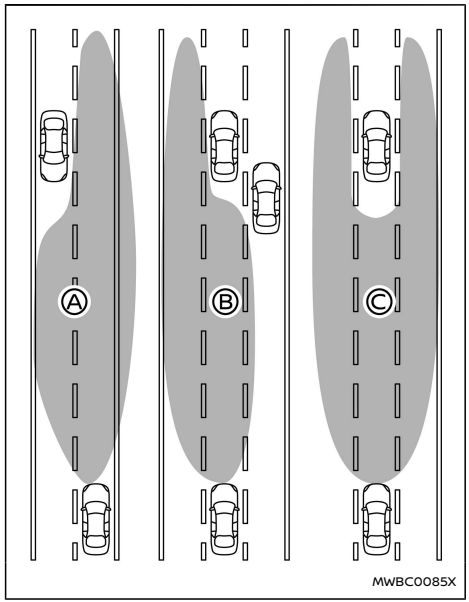
The ambient image sensor Ⓐ for the high beam assist system is located in front of the inside mirror. To keep in proper operation of the high beam assist system and prevent a system malfunction, be sure to observe the following:

- Always keep the windscreen clean.
- Do not attach a sticker (including transparent material) or install an accessory near the ambient image sensor.
- Do not strike or damage the areas around the ambient image sensor. Do not touch the sensor lens that is located on the ambient image sensor.

If the ambient image sensor is damaged due to an accident, it is recommended you contact a NISSAN certified electric vehicle dealer.

Adaptive driving beam (where fitted)

A camera-controlled system which automatically maximises night time forward visibility, while preventing bright light from shining directly at oncoming traffic and blinding drivers of oncoming vehicles.



Example:

Ⓐ Right side beam only (for an oncoming vehicle)

Ⓑ Left side beam only (for leading vehicles)

Ⓒ Split beam (for a leading vehicle)

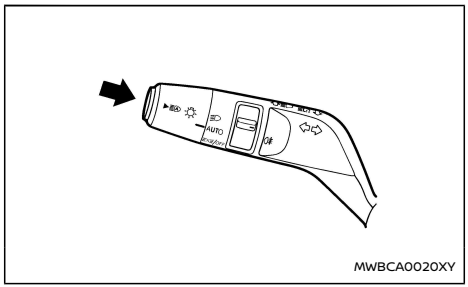
⚠ WARNING

The Adaptive Driving Beam cannot compensate for road and weather circumstances while driving. The driver always remains responsible for choosing the correct light setting.

Specific situations in which to switch off the Adaptive Driving Beam:

- **In heavy rain, snowy conditions. (general poor visibility and bad weather conditions).**
- **When the vehicle sensors are dirty, covered or broken.**
- **When oncoming or preceding vehicle lights are obscured, for example by a solid barrier.**

Adaptive Driving Beam activation:



(example)

To switch on the Adaptive Driving Beam system, push the switch as illustrated when it is in the <AUTO> position. The Adaptive Driving Beam indicator light in the instrument panel will illuminate.

The system will now detect oncoming traffic and automatically adjust the beam of the headlights to avoid blinding drivers of oncoming vehicles. At the same time it will provide maximum illumination of the road ahead.

- Adaptive Driving Beam comes on automatically in dark conditions if the vehicle speed is over 40 km/h (25 MPH).
- Adaptive Driving Beam turns off automatically if the vehicle speed drops below 25 km/h (15 MPH).

The light indicates that the Adaptive Driving Beam system is active.

NOTE:

If the Adaptive Driving Beam is not active (for example: up to 15 seconds after start up, camera view blocked, speed below activation threshold, or in an area well lit by street lighting) the headlights will operate in low beam until the system can activate. The indicator light remains illuminated to show that the system is switched on, but the light remains off until the activation criteria are met.

To turn the Adaptive Driving Beam off push the switch again, or turn the headlight switch to the /OFF or position.

Battery saver system

- When the headlight switch is in the /OFF or position while the power switch is in the ON position, the lights will automatically turn off within a period of time after the power switch has been placed in the OFF position.
- When the headlight switch remains in the position after the lights automatically turn off, the lights will turn on when the power switch is placed in the ON position.

CAUTION

- **When you turn on the headlight switch again after the lights automatically turn off, the lights will not turn off automatically. Be sure to turn the headlight switch to the AUTO position when you leave the vehicle for extended periods of time, otherwise the 12-volt battery will be discharged.**

- **Never leave the headlight switch on when the EV system is not running for extended periods of time even if the headlights turn off automatically.**

Daytime Running Light (DRL) system

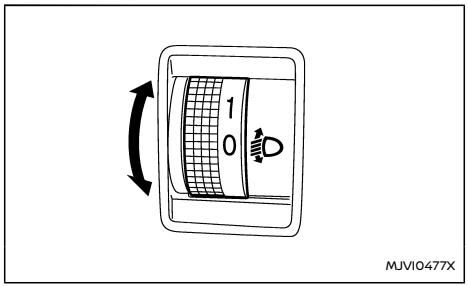
The LED Daytime Running Lights (DRL) automatically illuminate when the EV system is started and the parking brake is released. The LED DRL operate with the headlight switch in the AUTO (when the headlights are off) position. When you turn the headlight switch to the ≡DC≡ or position, the LED lights switch from LED DRL to the park function.

If the parking brake is applied before the electric vehicle system is started, the LED DRL do not illuminate. The LED DRL illuminate when the parking brake is released. This feature will work in the AUTO position. The LED DRL will remain on until the power switch is placed in the OFF position.

⚠ WARNING

When the LED DRL system is active with the headlight switch in the OFF position (where fitted), tail lights on your vehicle are not on. It is necessary at dusk to turn on your headlights. Failure to do so could cause an accident injuring yourself and others.

HEADLIGHT AIMING CONTROL



The headlight aiming control operates when the power switch is in the ON position and the headlight is on to allow the headlight axis to be adjusted according to the driving conditions.

When driving with no heavy load/luggage or driving on a flat road, select the normal position "0".

If the number of occupants and load/luggage in the vehicle changes, the headlight axis may become higher than normal.

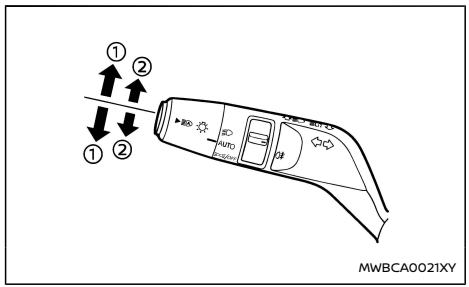
If the vehicle is travelling on a hilly road, the headlights may directly shine on the rearview and outside mirrors of a vehicle ahead or the windscreen of an oncoming vehicle, which may obscure other drivers' vision.

To adjust to the proper aiming height, turn the switch accordingly. The higher the number, designated on the switch, the lower the headlight axis.

Select the switch position by referring to the following samples.

Switch position	Number of front seat occupants	Number of rear seat occupants	Weight of load in luggage compartment
0	1 or 2	No occupants	No load
1	2	3	No load
2	2	3	Full load
3	1	0	Full load

TURN SIGNAL SWITCH



(example)

① Turn signal

Move the lever up or down to signal the turning direction. When the turn is completed, the turn signals cancel automatically.

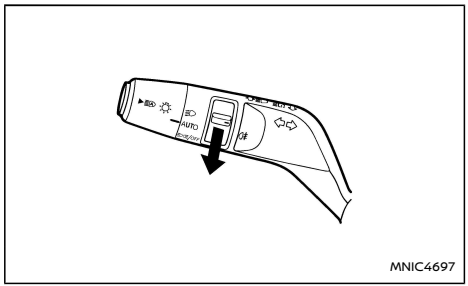
② Lane change signal

Move the lever up or down until the turn signal begins to flash, but the lever does not latch, to signal a lane change. Hold the lever until the lane change is completed.

Move the lever up or down until the turn signal begins to flash, but the lever does not latch, and release the lever. The turn signal will automatically flash three times.

Choose the appropriate method to signal a lane change based on road and traffic conditions.

FOG LIGHT SWITCH



MNIC4697

Rear fog light (example)

Rear fog light

The rear fog light should be used only when visibility is seriously reduced “generally, to less than 100 m (328 ft)”.

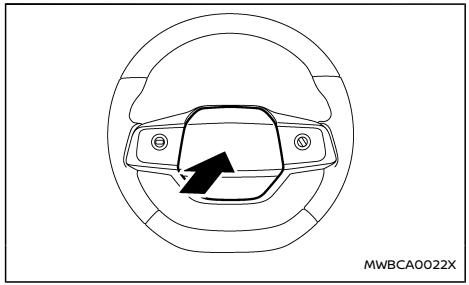
To turn the fog light on, turn the fog light switch to the position when the headlight is on.

To turn off, turn the fog light switch to the position again.

EMBLEM LIGHT (where fitted)

Regardless of headlight switch position, the emblem light illuminates when the power switch is in the ON position, the welcome light is activated, or the door is locked. The light turns off when the power switch is placed in the OFF position.

HORN

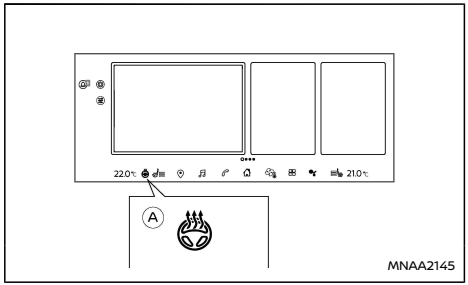

MWBCA0022X

To sound the horn, push the centre pad area of the steering wheel.

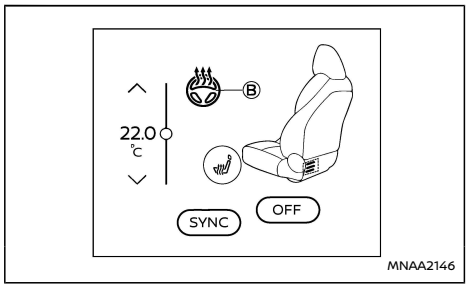
⚠ WARNING

Do not disassemble the horn. Doing so could affect proper operation of the supplemental front air bag system. Tampering with the supplemental front air bag system may result in serious personal injury.

HEATED STEERING WHEEL (where fitted)



Example



Example

The control keys are displayed on the touch screen display.

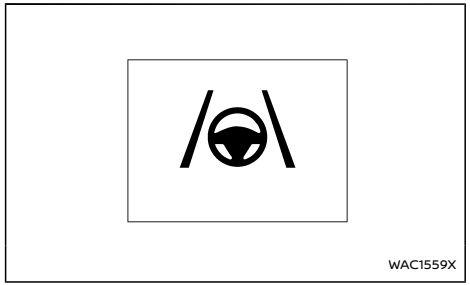
1. Start the EV system.
2. To display the air conditioner screen, touch the key Ⓐ on the touch screen display.
3. Touch the key Ⓑ to select the mode.
   ① Auto mode (orange)
   ② Manual mode (orange)
   ③ Off (grey)

If the surface temperature of the steering wheel is below 30°C (86°F), the system will heat the steering wheel and cycle off and on to maintain a temperature above 30°C (86°F). The indicator light will remain on as long as the system is on.

In the AUTO mode, the temperature control intensity level can be selected by the touch screen display. See “Air conditioner settings” (P.247).

The heated steering wheel system is automatically turned off after 30 minutes.

STEERING ASSIST SWITCH (models with ProPILOT Assist system)

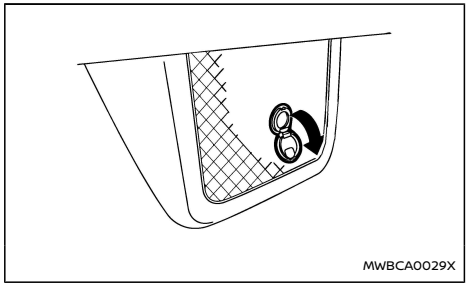


The Steering Assist switch, located on the driver’s side instrument panel, is used to temporarily turn on and off the Steering Assist system.

You can also use the [Driver Assistance] menu in the vehicle information display to turn on and off the Steering Assist system. (See “How to enable/disable the Steering Assist” (P.334).)

The Steering Assist system controls the steering system to help keep your vehicle near the centre of the lane when driving. (See “ProPILOT Assist (where fitted)” (P.328).)

POWER OUTLETS


MWBCA0029X

The power outlet is located on the center footwell area of the instrument panel.

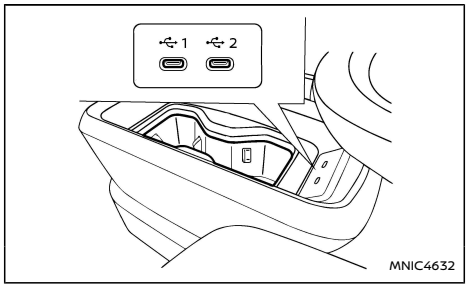
CAUTION

- **The outlet and plug may be hot during or immediately after use.**
- **Do not use with accessories that exceed a 12 volt, 120W (10A) power draw. Do not use double adapters or more than one electrical accessory.**
- **Use power outlet with the power switch in the READY to drive position to avoid discharging the 12–volt battery.**
- **Avoid using power outlet when the air conditioner, headlights or rear window defogger is on.**
- **This power outlet is not designed for use with a cigarette lighter unit.**
- **Push the plug in as far as it will go. If good contact is not made, the plug may overheat.**
- **Before inserting or disconnecting a plug, be sure the electrical accessory being used is turned OFF.**
- **When not in use, be sure to close the cap. Do not allow water or any liquid to contact the outlet.**

USB (Universal Serial Bus) CONNECTION PORTS AND CHARGING CONNECTORS

Front

The front USB connection port is located under the centre console box, behind the front cup holders.



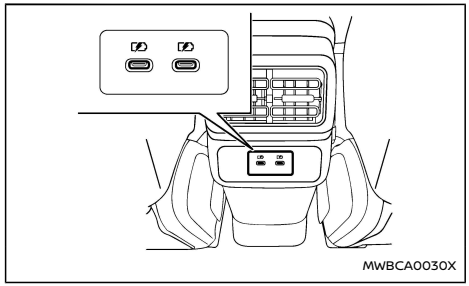
MNIC4632

⚠ WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control over your vehicle and cause an accident or serious injury.

Rear

The rear USB charging connector is located on the back of the centre console box.


MWBCA0030X

The USB charging connectors can be used only for charging external devices.

Connect a USB device into the connector. Charging will start automatically. For USB charging connectors, maximum output is up to 5 volt, 15W, 3A.

The external device will be charged continuously while the power switch is in the ON position.

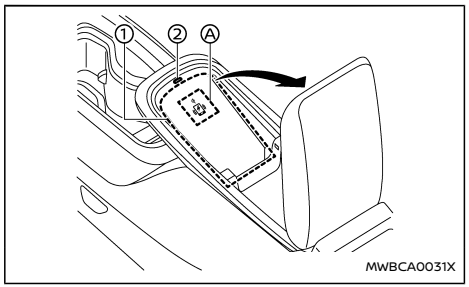
Some mobile devices cannot be charged depending on their specifications.

CAUTION

- **Do not force a USB device into the connector. Depending on the USB connector, inserting the USB device tilted or upside down may damage the connector. Make sure that the USB device is connected correctly into the connector.**
- **Do not use a reversible USB cable. Using**

the reversible USB cable may damage the connector.

WIRELESS CHARGER (where fitted)



① Charging pad
② Indicator
Ⓐ <QI> logo

The wireless charger is located in the centre console box. Pull up the armrest and lay the smartphone on the <QI> logo Ⓐ on the charging pad of the wireless charger. Charging will start automatically. The smartphone will be charged continuously while the power switch is in the ON position.

⚠ WARNING

- **Never put metallic materials such as coins between the wireless charger and a smartphone.**
- **Those who use an implantable pacemaker or other medical equipment should contact the electric medical equipment manufacturer for the possible influences before use.**
- **Never put cloth over the smartphone during charging process.**
- **Never charge a smartphone when it is wet.**
- **While charging, never put metallic materials or small goods such as a cigarette lighter, Intelligent Key or memory drive on the charging pad.**
- **When parking, exercise caution with cigarette lighters and similar objects. Do not leave a cigarette lighter with exposed controls on the wireless charger, in the glove box, armrest, or any other enclosed compartment. Avoid dropping it onto the floor or into seat crevices, as this may lead to a fire hazard. Furthermore, storing a cigarette lighter immediately after use may result in excessive heat retention and pose a risk of fire.**

CAUTION

- **Do not put an RFID/NFC/credit card, magnetic stripe card or storage media between the wireless charger and a smartphone. This could cause data corruption in the card or storage media.**
- **Do not use the wireless charger with dust accumulated or dirt on the pad.**
- **Do not hit the surface of the wireless charger.**
- **Do not spill liquid (water, drinks, etc.) on the charging pad.**
- **Do not use grease, oil or alcohol for cleaning charging pad.**
- **Be aware that smartphone cases or covers may affect charging operation or cause the smartphone to become warm while charging.**

Wireless charger Indicator

The indicator ② will illuminate in orange when the charging process is started.

When the charging has completed, the indicator illuminates in green.

If a malfunction occurs or the charging process has stopped, the indicator will blink in orange for 8 seconds then turn off.

Operation of the wireless charger

To use the wireless charger, it is necessary to properly position the smartphone on the charging pad with the screen facing up. To maximise charging performance, ensure the smartphone is fully seated on the centre of the charging pad over the "Qi" logo Ⓐ. Because the location of the power receiver may vary depending on the smartphone, you will need to try and find the area that suits your smartphone.

Remove the smartphone case or accessories before charging, as they may affect charging capability.

NOTE:

- **Only a Qi compatible smartphone can be used.**
- **The charging may not be possible depending on the smartphone type. Please refer to your smartphone's instruction manual for details.**
- **Smartphones that are too large to be placed on the charging pad cannot be charged.**
- **The charging pad can be used as a storage space while a Qi compatible smartphone is not placed.**
- **If the smartphone moves out of the charging pad, place the smartphone back on the <Qi> logo.**
- **Turn off the vibration function of the smartphone before wireless charging.**
- **If you charge your smartphone while using apps or immediately after using apps, the smartphone or the wireless charger may be warmed during charging process and the charging may stop by the protection function of the smartphone or the wireless charger. This is not a malfunction. If this occurs, restart charging after the smartphone or the wireless charger cooled down. The indicator will blink in orange then turn off.**
- **The wireless charging process may be stopped by the status of the smartphone (battery temperature, etc.).**
- **If a radio noise interference occurs during charging process, put the smartphone onto the centre (logo) position of the wireless charger again.**
- **The wireless charging process will stop during the process of searching for the Intelligent Key.**
- **The wireless charging process will not be started when a USB (Universal Serial Bus) cable is connected to the smartphone. The indicator may illuminate in orange or blink if the smartphone is put on the wireless charger with a USB cable connected. However, charging is not performed.**
- **Depending on the type of the smartphone, the indicator may remain illuminated in orange even when the charging process has been completed.**
- **When putting only metallic materials or key (Intelligent Key) on the charging pad, the indicator may illuminate for a short period of time. The wireless charging process is not operated.**

Using the power of the Li-ion battery, the V2L can be used to power electric equipment such as home appliances or camping equipment.

V2L uses the Vehicle Load Connector (VLC) connected to the charge port. See "How to use V2L outside" (P.173)

The V2L can be used as a power supply for 230 V, maximum loads of 3000 W or 3700 W.

⚠ WARNING

- **Observe the warning and precautions given in this manual about electric equipment. There is a risk of fire, electric shock, injury or burn.**
- **Do not use damaged equipment and power plugs, or appliances that are flooded or likely to be submerged. There is a risk of fire, electric shock, injury or burn.**
- **When using an electric equipment with ground wire, plug it into an outlet equipped with a ground terminal and connect the ground wire to the ground terminal. If the plug shape of the electric appliance used does not match the plug shape of the outlet on the vehicle side, connect the ground wire using a commercially available conversion adapter.**
- **When using the V2L system while the vehicle is parked, be sure to place the shift button P in the P (Park) position and apply the parking brake in order to prevent unintended vehicle movement.**

CAUTION

- **Do not allow children to touch the V2L system power outlet.**
- **Do not use electric equipment that generate steam in the passenger compartment. Fog may form inside the windows and obstruct your view when driving.**

NOTE:

- **If you use a long extension power cable or power cable reel, the electric appliance may not function properly.**
- **For V2L outside, use electric appliance(s) with a maximum loads of 3000/3700 W or less. Electric appliances exceeding 3000/3700 W may activate the protection function of the V2L system and the V2L system will become unusable.**
- **The following electric appliances may not operate properly at maximum loads of 3000/3700 W or less:**
  - **— Electric appliances that generate large temporary currents,**
  - **— Electric appliances that measures data,**
  - **— Electric appliances that require stable power supply.**
- **When using an electric appliance at the maximum load of 3000/3700 W continuously, the electric appliance may not operate properly. The maximum load may vary depending on the condition of the Li-ion battery.**
- **The V2L system may not work when the temperature of the Li-ion battery is low.**
- **Depending on the connected electric appliance, you may not be able to listen to the radio.**

HOW TO USE V2L SYSTEM

⚠ WARNING

- **Do not connect the V2L power source to a power outlet or switchboard in the house and use it as a power source.**
- **Never plug in or unplug the power cord with wet hands. There is a risk of an electric shock.**
- **Do not splash water on the power outlet. There is a risk of an electric shock.**
- **Do not plug sharp metal objects (pins, wires, etc.) into the power outlet. There is a risk of an electric shock.**
- **Do not disassemble, repair or modify the V2L system components. There is a risk of an electric shock.**
- **When you are using electric appliances outside your car, stop using them and unplug them from the power outlet as soon as it thunders. There is a risk of an electric shock.**

CAUTION

- **Do not leave the vehicle when using V2L system.**
- **When turning on the V2L system, make sure that the power supply of the connected electric appliance is turned off.**

  If the power of the appliance is on, electric appliances may suddenly start operating.
- **Do not charge electric vehicles or plug-in hybrid vehicles using the V2L system.**
- **Insert the plug of an electric appliance to the power outlet of the V2L connector.**
- **If you feel that the plug of an electric appliance is loose when you plug it into the power outlet, it is recommended to contact a NISSAN certified eletric vehicle dealer.**
- **Only one electric appliance can be connected to each outlet at the time.**
- **Do not plug the AC adapter directly into the power outlet.**

  Depending of the weight of the AC adapter, the plug may come off and heat may be generated.
- **If the appliance does not have a power switch, first, plug the appliance to the power outlet and then turn on the V2L system.**
- **Damage to the device or loss of data (from laptop or external drives) due to a sudden power outage is not covered by the warranty.**
- **Damage to the vehicle caused by external devices connected to power outlets is not covered by the warranty.**

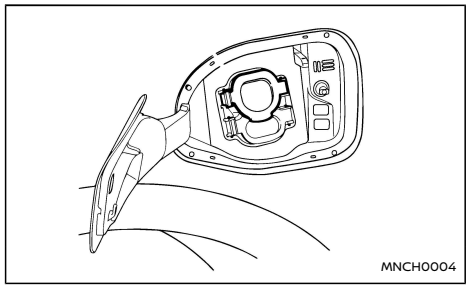
- **Use only electric appliances that have CE mark affixed to them.**
- **The power outlet of the plug of the device may become hot. Please be careful when removing devices.**
- **Do not connect an external power supply (solar panels, external batteries, etc.) to the power outlet.**
- **When using electric appliances inside the vehicle, keep them in a stable place to prevent them from falling. There is a risk of injury.**
- **When using electric appliances outside, the vehicle with the V2L system, be careful not to pinch the power code in doors or windows.**
- **When not using the V2L system, close the outlet lid.**
- **Do not use the V2L system when the EV system warning light illuminates. See "EV system warning light" (P.121).**
- **If dust or dirt accumulates in the power outlet, it may cause a short circuit.**

NOTE:

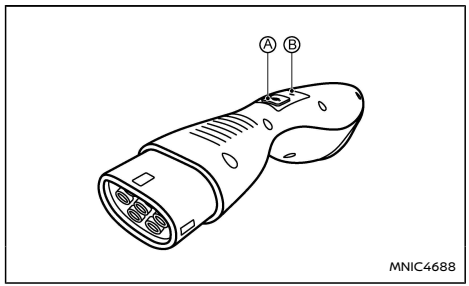
- **The V2L system cannot be used when the Li-ion battery level is below the preset minimum battery level.**
- **The V2L cannot be turned on when the vehicle power switch is not in the ON or OFF position.**
- **Some appliances with high rated power consumption (hot plate, etc.) require the use of a single outlet. In such cases, do not use other outlet together with other electric appliances.**

  If you use more than one electric appliance, the electric appliances may not function properly depending on the combination of the appliances.
- **To save the standby power consumption, it is recommended to turn off the AC ON switch if the V2L system is not in use by any appliances.**
- **Do not use electric appliances that require horizontal installation inside the vehicle as they may not function properly.**
- **Do not use electric appliances in dusty areas, areas exposed to direct sunlight, in areas exposed to rain or water (except for waterproof appliances).**

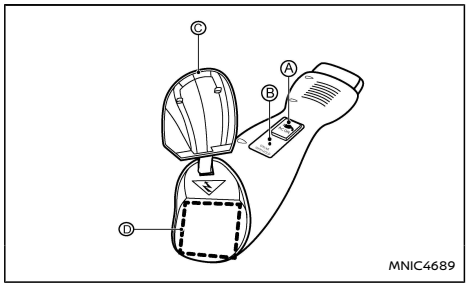
How to use V2L outside



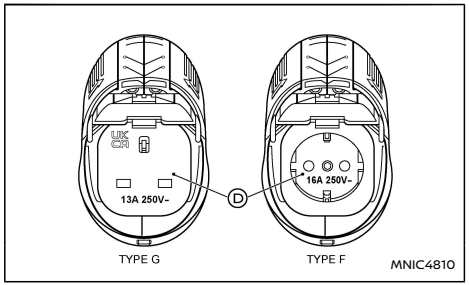
Charge port (RHD)



Vehicle Load Connector (front view)



Vehicle Load Connector (rear view)



Types of power outlets

Ⓐ V2L button
Ⓑ LED indicator
Ⓒ Power outlet cover
Ⓓ Power outlet

To use V2L, connect the Vehicle Load Connector (VLC) to the charge port.

1. Make sure the vehicle power switch is turned off, or in the ON position, not in the READY to drive position.
2. Connect the VLC to the charge port.
3. Push the V2L button Ⓑ twice consecutively within 3 seconds. The charging status indicator light blinks and the VSP sounds twice when V2L is activated.

   See "Charging status indicator light" (P.55) and "Approaching Vehicle Sound for Pedestrians (VSP) system" (P.31).

   When the power supply is started, the LED indicator Ⓑ on the VLC will illuminate.
4. Open the power outlet cover Ⓒ of the VLC and plug the power cord of an appliance into the power outlet Ⓓ. Close the power outlet cover.
5. Turn on the switch of the electric appliance.
6. To turn off the VLC, push the V2L button Ⓐ for longer than 1 second. The VSP sounds twice when the V2L is deactivated. Then pull the VLC to remove it from the charge port. Unplug the power cord of the appliance and close the power outlet cover of the VLC.

⚠ WARNING

- **Never disassemble, repair, modify or paint the VLC. It is recommended that you visit a NISSAN certified electric vehicle dealer if the VLC is damaged.**
- **Do no subject the VLC to strong shocks or drops.**
- **Do not wash the VLC with water or soak it in any liquids. Do not use the VLC if the product is soaked in any kind of liquids. If water enters inside, fire or electric shock may occur during it's use that could result in serious injury or death.**
- **Do not attach stickers, etc. on the VLC.**
- **Keep the VLC out of the reach of children.**
- **Prevent dust or other dirt from adhering to the VLC. If it gets dirty, wipe off the dirt with a firmly squeezed cloth and wipe off with a dry cloth.**
- **Do not connect the VLC to incompatible vehicles.**

  Also, do not connect any non-genuine VLC to the vehicle, including other Nissan models (Micra, etc.)
- **Do not use solvents such a gasoline, acid or alkaline solvents on the VLC.**
- **Do not insert sharp metal objects (pins, wires, etc.) into the VLC.**
- **Even in fine weather, please use the VLC with the waterproof cover firmly closed.**

CAUTION

- **When not in use, store the VLC in a place that is away from moisture and direct sunlight.**

NOTE:

- **When the LED indicator of the VLC is illuminated, the 230 V AC power is supplied to the power outlet. Pay attention to the operation**

of electric appliances that cannot be switched on/off.

- **If the vehicle power switch is turned off while the V2L system is in use, the V2L system remains operational.**

USABLE RANGE OF THE V2L SYSTEM

The minimum Li-ion battery limit for using the V2L system can be set. (See "How to set minimum battery level" (P.175)).

When the Li-ion battery level reaches the preset minimum battery limit, a pop-up warning message will appear in the vehicle information display. (See "107. [V2L Power Outlet will be Switched OFF due to Min. Battery Level] warning" (P.147)).

How to set minimum battery level

Perform the following steps to set the usable minimum battery level for the V2L system.

1. Using the steering-wheel-mounted controls (right), push the < > button until [Settings] appear in the vehicle information display and then push the scroll dial. Use the scroll dial to select [EV Settings] then push the scroll dial.
2. Select [V2L Power Outlets] and push the scroll dial.
3. Select [Min. Battery Level] and push the scroll dial.
4. Select the minimum Li-ion battery level (10–90 %) and push the scroll dial to set the minimum battery level.

V2L TROUBLESHOOTING GUIDE

Symptom	Possible cause	Action to take
The V2L system cannot be turned on.	The Li-ion battery level is below the preset minimum battery level.*	Reset the minimum battery level.
	The vehicle power switch is not in the ON or off position. (V2L outside)*	Turn the power switch in the ON or off position.
	The vehicle power switch is not in the ON or READY to drive position. *	Turn the power switch in the ON or READY to drive position.
	The temperature inside the vehicle is high. *	Lower the temperature inside the vehicle (i.e. by parking the vehicle in a place out of direct sunlight and ventilating the vehicle).
The appliances connected cannot be used.	The maximum load of the connected appliance(s) exceeds 3000 W or 3700 W in total.	Use appliance(s) within the maximum load.
	The connected appliance is running with a large temporary currents.	Use appliance(s) that are not running with a large temporary currents.
	The plug shape of the connected appliance is deformed or bent.	Use appliance with a plug that is not deformed or bent.
	The connected appliance is damaged.	Use appliance(s) that are not damaged.

* – the message will be displayed in the vehicle information display. See "109. [V2L Power Outlet Not Available] warning" (P.147).

For the V2L outside, please observe the following:

- If power supply stops due to the rated output has been exceeded, set the connected appliances to within the rated output, disconnect the VLC and then reconnect it again and restart the VLC. See "How to use V2L outside" (P.173)
- If [V2L Power Outlet Switched OFF due to Electrical Fault See Owner's Manual] warning is displayed, stop the operation and have the vehicle and the VLC checked. It is recommended to visit NISSAN certified electric vehicle dealer for this service.
- If the charging status indicator light flashes in green but the LED indicator on the VLC has not been illuminated, there may be a malfunction in the VLC. See "Charging status indicator light" (P.55)

  Stop the operation and have the vehicle and the VLC checked. It is recommended to visit NISSAN certified electric vehicle dealer for this service.

EMERGENCY SERVICES CALL ECALL/SOS SYSTEM (where fitted)

Your vehicle is equipped with the 112-based in-vehicle emergency services call system (eCall) which has been certified in accordance with Regulation (EU) 2017/79. In the event of a serious road accident emergency an automatic call can be made to the emergency services operator. The system can also be used manually to call the emergency services operator.

The 112-based eCall service is a public service of general interest and is accessible free of charge.

NISSAN is responsible only for the emergency communication system technical performance in the event of an accident within the warranty period.

The 112-based eCall service can be used only in countries which have emergency services operator.

The TCU (Telematics Control Unit) antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU (Telematics Control Unit) antenna may adversely affect the operation of the pacemaker.

Inappropriate use of the service may be a violation of local laws and result in a criminal penalty.

AUTOMATIC ECALL

If the air bag control unit detects a frontal collision, side collision or rear collision (where fitted) or rollover (where fitted) the system automatically places an emergency call to the emergency call centre. At the same time, the vehicle information is also transferred. Once an emergency call is received by the emergency call centre, the operator tries to talk to the vehicle's occupant.

NOTE:

- **During the emergency call, the volume of the voice of the operator cannot be adjusted.**
- **During the emergency call, the volume of the vehicle audio will be muted.**

The eCall system is always enabled by default. It is activated automatically by means of in-vehicle sensors in the event of a severe accident.

The eCall system is not traceable and is not subject to any constant tracking in its normal operational status. Data in the internal memory of the system is not available outside the in-vehicle system to any entities before the eCall is triggered.

Any processing of personal data through the 112-based eCall in-vehicle system shall comply with the personal data protection rules provided for in Directives 95/46/EC and 2002/58/EC of the European Parliament and of the Council, and in particular, shall be based on the necessity to protect the vital interests of the individuals in accordance with Article7(d) of Directive 95/46/EC.

Processing of such data is strictly limited to the purpose of handling the emergency eCall to the single European emergency number 112.

Recipients of data processed by the 112-based eCall in-vehicle system are the relevant public safety answering points designated by the respective public authorities of the country on which territory they are located, to first receive and handle eCalls to the single European emergency number 112.

The following information will be sent to the emergency call centre by the vehicle emergency call system if a collision occurs:

- Vehicle Identification Number (VIN)
- Vehicle type
- Activation type (Automatic/Manual)
- Call type (Test/Emergency)
- Position (Trusted/Low confidence)
- Time stamp (when the collision or event occurred)
- Last three vehicle locations, and vehicle direction
- Vehicle speed
- Number of passengers (where fitted)
- Vehicle propulsion storage type (petrol/diesel/CNG/LPG/electric/hydrogen)
- Collision type (front, side, rear, rollover) (where fitted)
- Velocity change due to collision (where fitted)

The 112-based eCall in-vehicle system is designed in such a way as to ensure that data in the system internal memory is automatically and continuously removed.

The vehicle location data is constantly overwritten in the internal memory of the system so as always to keep maximum of the last three up-to-date

locations of the vehicle necessary for the normal functioning of the system.

The log of activity data in the 112-based eCall in-vehicle system is kept for no longer than necessary for attaining the purpose of handling the emergency eCall and in any case not beyond 13 hours from the moment an emergency eCall was initiated.

CAUTION

- **The intelligent emergency call will only be triggered if the vehicle air bag system has been activated during the collision.**
- **If the intelligent emergency call has been triggered, please bring your vehicle to a NISSAN certified electric vehicle dealer or qualified workshop. This is necessary because the intelligent emergency call system needs to be reset to avoid any unintended eCall being made.**
- **The mobile network provider that manages the connection from the vehicle to the emergency call centre is specified and controlled outside of the vehicle emergency call system.**
- **Within the first minute of any emergency call the operator will determine if the call is genuine. Should the operator determine it is a non-genuine call they will stop the call, making no further attempts to call the vehicle back. This action does not prevent the occupant(s) of the vehicle from making a further manual emergency call.**

The emergency call cannot be used in the following situations:

- **The vehicle is located in an area which has weak or no network coverage ie tunnels, underground garages, mountainous areas or in dense urban areas between buildings.**
- **The TCU has been damaged or has been inoperational before the emergency call attempt.**
- **The emergency call center is unreachable ie. call center is busy.**
- **If the network operator at the location where the emergency call is to be made, does not provide emergency call services.**

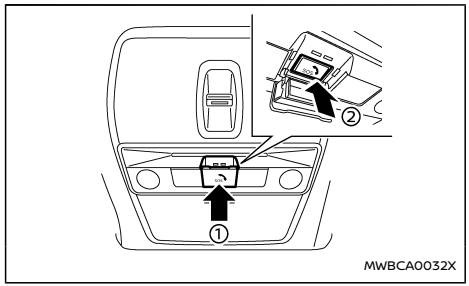
MANUAL ECALL (SOS button)

The manual eCall can be performed with the power switch placed in the ON position, by pushing the SOS button located near the map lights.

After the power switch is placed in the OFF position, if an emergency call was not made, the eCall system is turned off.

CAUTION

- **Park the vehicle in a safe location and apply the parking brake before operating the SOS button.**
- **Use this service only in case of an emergency. There may be a penalty for inappropriate use of the service.**



1. Place the power switch in the ON position.
2. Push to open the SOS cover ①.
3. Push the SOS button ②. An emergency call is sent to the emergency call centre. At the same time, the vehicle information is also transferred.
4. When the call is connected, you can speak to the emergency support staff.

If you want to cancel the emergency call, push and hold the SOS button for a few seconds. The call cannot be cancelled after connection.

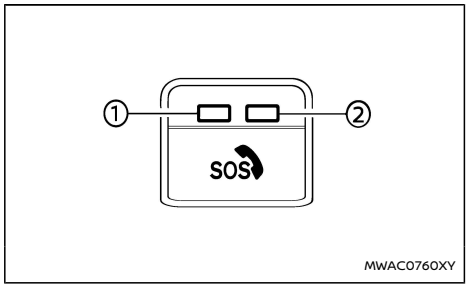
NOTE:

- **During the emergency call, the volume of the voice of the operator cannot be adjusted.**
- **During the emergency call, the volume of the vehicle audio will be muted.**
- **After the SOS button is pushed, it may take some time before communication to the emergency services is available to the vehicle. Delays in contacting emergency services**

depend on the factors such as environmental conditions i.e snow, rain, etc.

- **To avoid disconnecting an emergency call which has started, do not turn the vehicle off.**
- **During the emergency call Bluetooth® Hands- Free Phone connection will be disabled and phone operation will only be available by mobile phone.**
- **If the emergency call is disconnected for some reason the emergency call centre may call back. This action does not prevent the occupant(s) of the vehicle from making another manual emergency call.**

SYSTEM STATUS INDICATOR



The indicator lights ① and ② above the SOS button indicate the status of the vehicle emergency call system. If the indicator light is illuminated red or no indicator light is illuminated the emergency call may not connect to the emergency call centre when the SOS button is pressed. Also an intelligent Emergency call may not be sent when a collision occurs.

- During vehicle start up the system operates self diagnostics and the red indicator light is illuminated for up to 3 seconds.
- At any other time if the red indicator light is illuminated contact a NISSAN certified electric vehicle dealer or qualified workshop for assistance. In the event of a critical system failure that would disable the 112-based eCall in-vehicle system, the red indicator light is illuminated as a warning.

NOTE:

In the event of an accident and if the SOS button fails to work (if the indicator light is already illuminated red or there is no indicator light), the occupants should seek other methods of contacting the emergency services such as a mobile phone.

MODALITIES FOR EXERCISING DATA SUBJECT'S RIGHTS

The data subject (the vehicle's owner) has a right of access to data and as appropriate to request the rectification, erasure or blocking of data, concerning him or her, the processing of which does not comply with the provisions of Directive 95/46/EC. Any third parties to whom the data have been disclosed have to be notified of such rectification, erasure or blocking carried out in compliance with this Directive, unless it proves impossible or involves a disproportionate effort.

The data subject has a right to complain to the competent data protection authority if he or she considers that his or her rights have been infringed as a result of the processing of his or her personal data.

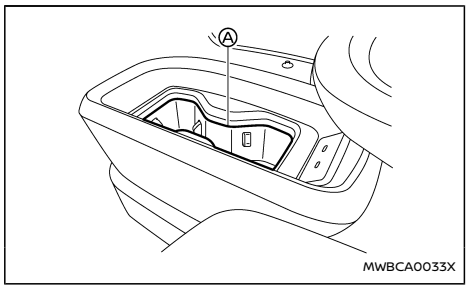
STORAGE

CUP HOLDERS

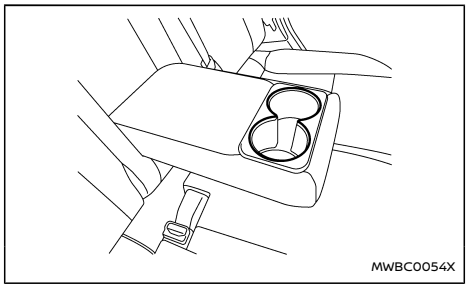
CAUTION

- **Avoid abrupt starting and braking when the cup holder is being used to prevent spilling the drink. If the liquid is hot, it can scald you or your passenger.**
- **Use only soft cups in the cup holder. Hard objects can injure you in an accident.**

Front



Rear seat (where armrest fitted)

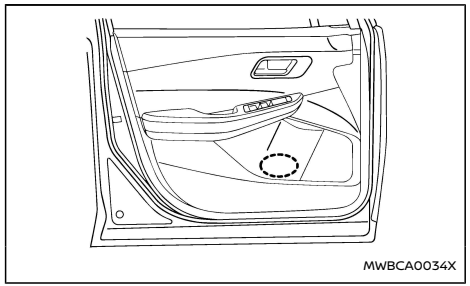


The rear cup holders are located in the rear fold-down armrest (where fitted).

SOFT BOTTLE HOLDERS

CAUTION

- **Do not use bottle holder for any other objects that could be thrown about in the vehicle and possibly injure people during sudden braking or an accident.**
- **Do not use bottle holder for open liquid containers.**



Door (front and rear)

ADJUSTABLE LUGGAGE FLOOR

You can use the luggage compartment in different ways using the adjustable luggage boards.

⚠ WARNING

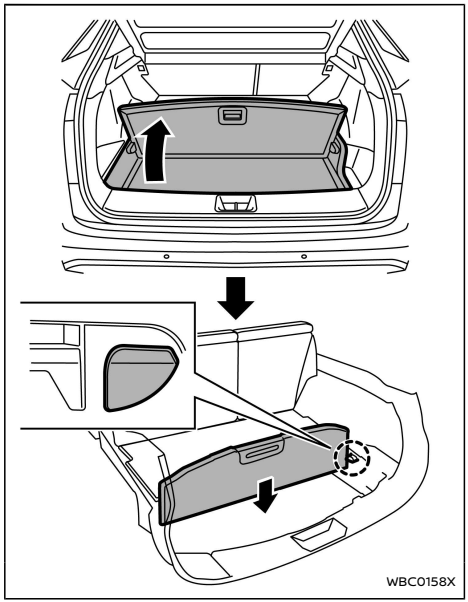
Do not put objects heavier than 165 lbs (75 kg) on the load floor while in the upper position.

CAUTION

- **Do not push the front edge of the luggage board forcibly. Doing so may cause the luggage board to be tilted, resulting in personal injury.**
- **Do not handle the luggage board forcibly as this may deform it.**
- **While in the upper position, do not recline the seatbacks.**
- **Do not place cargo higher than the seat-**

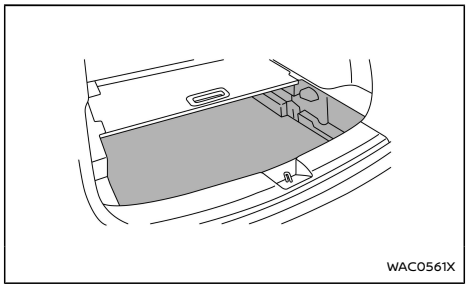
backs. In a sudden stop or collision, unsecured cargo could cause personal injury.

Vertical mode (where fitted)



1. Pull the rear board upward to 90°.
2. Push down the board until it stops.

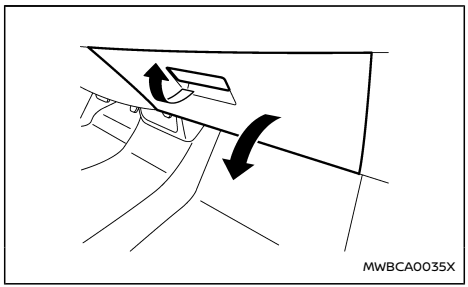
Luggage floor box (where fitted)



Example

To use the luggage floor box, pull off the rear board.

GLOVE BOX



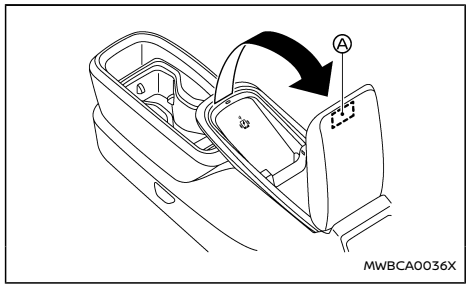
⚠ WARNING

Keep glove box lid closed while driving to help prevent injury in an accident or a sudden stop.

To open the glove box, pull the lock handle.

To close, push the lid in until the lock latches.

CONSOLE BOX



To open the console box lid, pull up the lid while pushing the button Ⓐ at the inside of the lid.

To close, push the lid down.

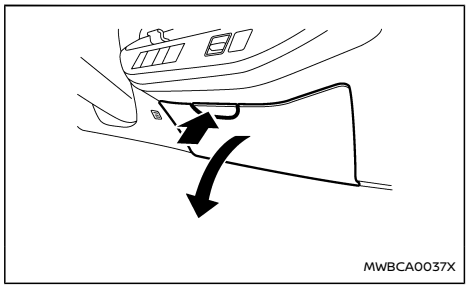
FLEXIBLE CENTER STORAGE (where fitted)

⚠ WARNING

Keep flexible center storage closed while driving to help prevent injury in an accident or a sudden stop.

CAUTION

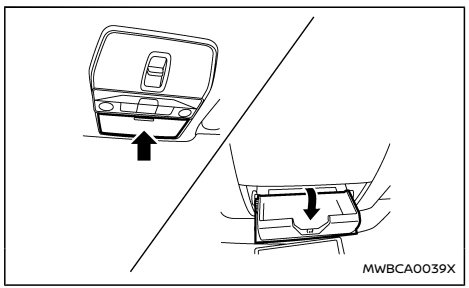
Do not store objects with a total load of more than 1.5 kg (3.3 lb).



To open flexible center storage, push the button.

To close, push the lid until the lock latches.

SUNGLASSES HOLDER (where fitted)



⚠ WARNING

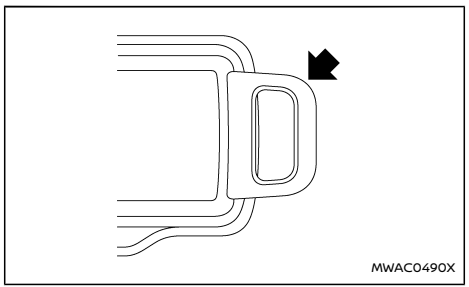
Keep the sunglasses holder closed while driving to avoid obstructing the driver's view and to help prevent an accident.

CAUTION

- **Do not use for anything other than sunglasses.**
- **Do not leave sunglasses in the sunglasses holder while parking in direct sunlight. The heat may damage the sunglasses.**

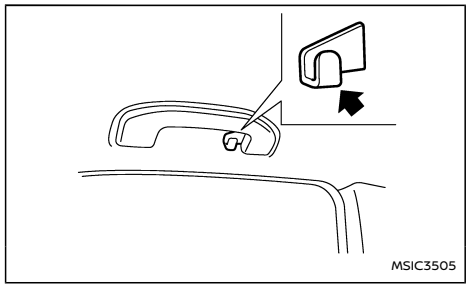
To open the sunglasses holder, push and release. Only store one pair of sunglasses in the holder.

CARD HOLDER



There are two card holders, located behind each sunvisor. Slide a card in the card holder.

COAT HOOKS



The coat hooks are located above the rear side windows.

CAUTION

Do not apply a total load of more than 2 lb (1 kg) to the hook.

TONNEAU COVER

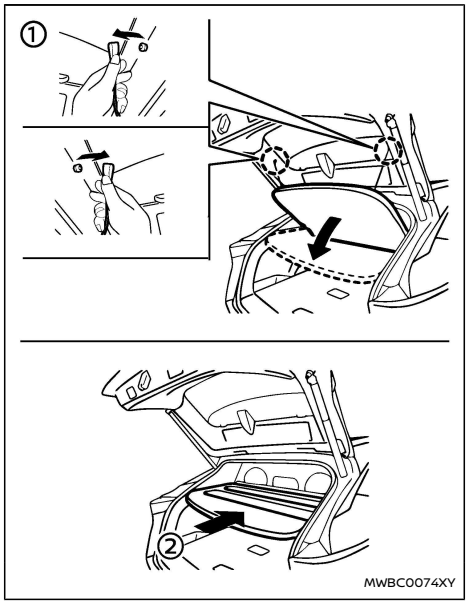
⚠ WARNING

- **Never put anything on the tonneau cover, no matter how small. Any object on it could cause an injury in an accident or sudden stop.**
- **Do not leave the tonneau cover in the vehicle when removed.**
- **Properly secure all cargo with ropes or straps to help prevent it from sliding or shifting. Do not place cargo higher than the seatbacks. In a sudden stop or colli-**

sion, unsecured cargo could cause personal injury.

- **Your child could be seriously injured or killed in a collision if the child restraint top tether strap is damaged.**
  - **— If the tonneau cover contacts the top tether strap when it is attached to the top tether anchor, remove the tonneau cover from the vehicle or secure it on the cargo floor below its attachment location. If the tonneau cover is not removed, it may damage the top tether strap during a collision.**
  - **— Do not allow cargo to contact the top tether strap when it is attached to the top tether anchor. Properly secure the cargo so it does not contact the top tether strap. Cargo that is not properly secured or that contacts the top tether strap may damage the top tether strap during a collision.**

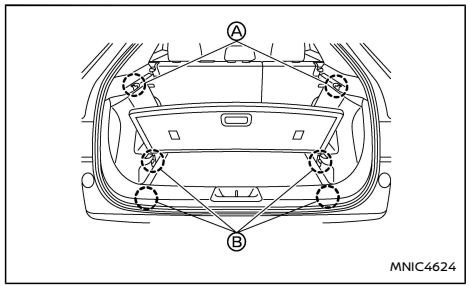
The tonneau cover keeps the luggage compartment contents hidden from the outside.



To remove the tonneau cover:

1. Remove the straps from the tailgate.
2. Remove the tonneau cover by slightly lifting up and then by pushing it forward.

LUGGAGE HOOKS



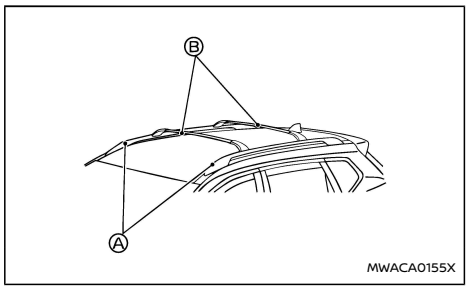
The hooks Ⓐ and Ⓑ are located on the luggage compartment as shown.

Hooks Ⓑ are located under the rear floor board.

⚠ WARNING

- **Always make sure that the cargo is properly secured. Use the suitable ropes and hooks.**
- **Unsecured cargo can become dangerous in an accident or sudden stop.**
- **Do not apply a total load of more than 5 kg (11 lb) Ⓐ or 10 kg (22 lb) Ⓑ to a single hook.**

ROOF RACK (where fitted)



⚠ WARNING

- **Always install the cross bars onto the roof side rails before loading cargo of any kind. Loading cargo directly onto the roof side rails or the vehicle's roof may cause vehicle damage.**
- **Roof rack cross bars should be evenly distributed.**
- **Do not exceed maximum roof rack crossbars load capacity and always distribute the load uniformly.**
- **Heavy loading of the roof rack has the potential to affect the vehicle stability and handling during sudden or unusual handling manoeuvres.**
- **Properly secure all cargo with ropes or straps to help prevent it from sliding or shifting. In a sudden stop or collision, unsecured cargo could cause personal injury.**
- **Drive extra carefully when the vehicle is loaded at or near the cargo carrying capacity, especially if the significant portion of that load is carried on the crossbars.**

CAUTION

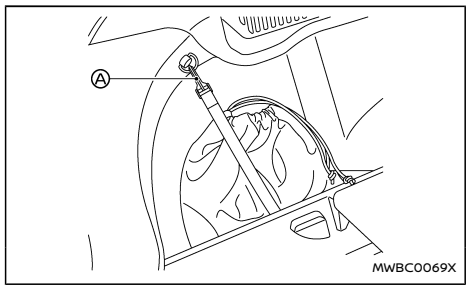
- **Use care when placing or removing items from the roof rack. If you cannot comfortably lift the items onto the roof rack from the ground, use a ladder or a stool.**

Do not apply any load directly to the roof side rails Ⓐ. Cross bars Ⓑ (where fitted) must be installed before applying load/cargo/luggage to the roof of the vehicle.

Genuine NISSAN accessory crossbars may be available through a NISSAN dealer or qualified workshop. It is recommended that you visit a NISSAN dealer or qualified workshop for additional information.

The service load capacity for the roof side rails is 74 kg (163 lb), however do not exceed the crossbars load capacity.

NISSAN MODE 3 CABLE (where fitted) STORAGE



When taking out or putting away the storage bag, remove hook Ⓐ from the anchor. When the NISSAN Mode 3 cable (where fitted) is stored, be sure to fasten the hook in place securely.

WINDOWS

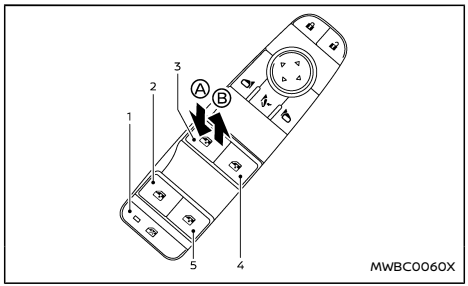
POWER WINDOWS

⚠ WARNING

- **Make sure that all passengers have their hands, etc. inside the vehicle while it is in motion and before closing the windows. Use the window lock switch to prevent unexpected use of the power windows.**
- **To help avoid risk of injury or death through unintended operation of the vehicle and or its systems, including entrapment in windows or inadvertent door lock activation, do not leave children, people who require the assistance of others or pets unattended in your vehicle. Additionally, the temperature inside a closed vehicle on a warm day can quickly become high enough to cause a significant risk of injury or death to people and pets.**

The power windows operate when the power switch is in the ON position or for a period of time after the power switch is placed in OFF position. If the driver's or front passenger's door is opened during this period of time, power to the windows is cancelled.

Main power window switch (driver's side)



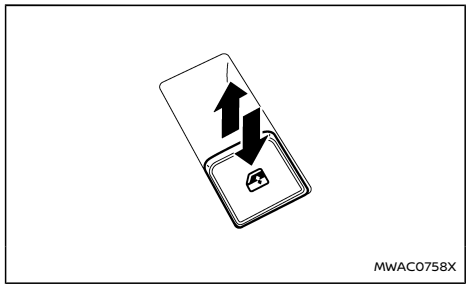
1. Window lock button
2. Rear left passenger side window
3. Driver side window
4. Front passenger side window
5. Rear right passenger side window

To open or close the window, push down Ⓐ or pull up Ⓑ the switch and hold it. The main switch (driver side switches) will open or close all the windows.

Locking rear passenger's windows

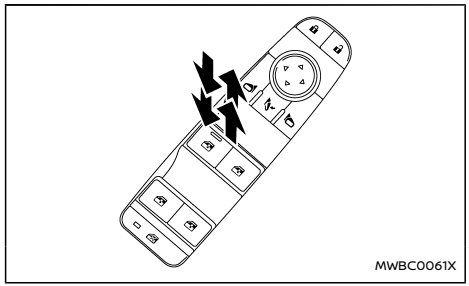
When the window lock button is pushed (the indicator illuminates), the rear passenger's windows cannot be operated with the rear passenger's power window switch. The rear passenger's windows can only be operated with the main switch (driver side switches). To cancel the passenger's windows lock, push the window lock button again.

Passenger side power window switch



The passenger's switch can control its corresponding window. When the window lock button on the driver's switch is pushed, the rear passenger's switch cannot be operated.

Automatic operation



The automatic function enables a window to fully open or close without holding the switch down or up.

To fully open the window, push the power window switch down to the second detent and release the switch. To fully close the window, pull the power window switch up to the second detent and release the switch. The switch does not have to be held during window operation.

To stop the window open/close operation during the automatic function, push down or pull up the switch in opposite directions.

Auto-reverse function

⚠ WARNING

There are some small distances immediately before the closed position which cannot be detected. Make sure that all passengers have their hands, etc., inside the vehicle before closing the window.

The auto-reverse function enables a window to automatically reverse when something is caught in the window as it is closing by the automatic function. When the control unit detects an obstacle, the window will be lowered immediately.

Depending on the environment or driving conditions, the auto-reverse function may activate if an impact or load similar to something being caught in the window occurs.

Window timer:

The window timer allows the window switch to be operated for a short time even if the power switch is placed in the OFF position. The window timer will be cancelled when the driver's or front passenger's side door is opened or the preset time has expired.

Operating windows with Intelligent Key

The windows can be opened or closed by pushing the UNLOCK or LOCK button on the Intelligent Key. This function will not operate while the window timer is activated or when the windows need to be initialised. For details about the Intelligent Key button usage, see "How to use remote keyless entry function" (P.204).

Opening:

To open the windows, push the UNLOCK button on the Intelligent Key for about 3 seconds after the door is unlocked.

To stop opening, release the UNLOCK button.

If the window open operation is stopped on the way while pushing the UNLOCK button, release and push the button again until the windows open completely.

Closing:

To close the windows, push the LOCK button on the Intelligent Key for about 3 seconds after the door is locked.

To stop closing, release the LOCK button.

If the window close operation is stopped on the way while pushing the LOCK button, release and push the button again until the windows close completely.

When power window switch does not operate

If the power window automatic function does not operate properly, perform the following procedure to initialise the power window functions.

1. Close the door.
2. Place the power switch in the ON position.
3. Pull the power window switch and hold it to fully close the window.*1
4. Release the power window switch.
5. Pull the power window switch and hold it for approximately 2 seconds or more.*2
6. Push the power window switch down and hold it to fully open the window.
7. Release the power window switch.
8. Push the power window switch down and hold it for approximately 2 seconds or more.*2
9. Pull the power window switch and hold it to fully close the window.*1
10. Operate the window by the automatic function (window open and close) to confirm that the initialisation is complete.

*1: If the window stops before reaching the fully closed position, release the switch, then pull and hold it again to fully close the window.

*2: After pulling or pushing the power window switch and holding it for approximately 2 seconds or more, the window will move again.

If the window cannot automatically be closed since the auto-reverse function activated due to a malfunction, perform the following procedure to cancel the auto-reverse function.

1. Pull the power window switch up until the auto-reverse function is activated, then the window will reverse automatically.
2. Repeat the procedure twice.
3. Pull the power window switch and hold it to close the window to confirm that the cancellation is completed.

⚠ WARNING

When the auto-reverse function is cancelled, the window will not automatically reverse even if the control unit detects an obstacle. Make sure that all passengers have their hands, etc. inside the vehicle before closing the windows.

If the power window functions do not operate properly after performing the procedure above, have your vehicle checked by a NISSAN certified electric vehicle dealer.

E-DIMMING GLASS ROOF WITH HEAT SHIELDING (where fitted)

⚠ WARNING

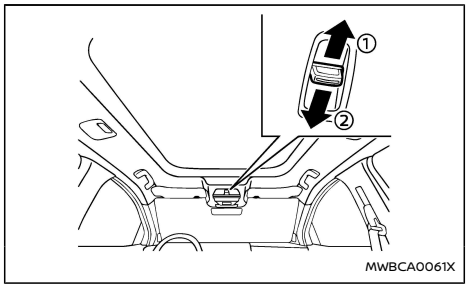
- **Never disassemble, remove or replace the e-Dimming glass roof, as this system contains high voltage components. Severe burns or electric shock that may result in serious injury or death may occur.**
- **If service is required, it is recommended to consult a NISSAN certified electric vehicle dealer.**

The e-Dimming glass roof can be set to transparent or opaque with the operation of the switch.

There are 4positions of the roof:

- Totally opaque
- Front half - opaque, Rear half - transparent
- Front half - transparent, Rear half - opaque
- Totally transparent

E-DIMMING GLASS ROOF OPERATION



Push the switch toward the back of the vehicle ①.

The front half of the glass roof gradually becomes transparent.

Push and hold the switch toward the back of the vehicle ①. The glass roof becomes totally transparent.

Push the switch toward front of the vehicle ②. The rear half of the glass roof gradually becomes opaque.

Push and hold the switch toward front of the vehicle ②. The glass roof becomes totally opaque.

NOTE:

- **The glass roof becomes totally opaque after the power switch is turned to off and the door are locked.**
- **After the power switch is turned to on, the glass roof returns to the previous setting before the power switch turned off.**
- **In very hot or cold weather, the transparency of the glass roof may change.**
- **In very cold weather conditions, the e-Dimming glass roof may have limited operation or may not work at all.**

CAUTION

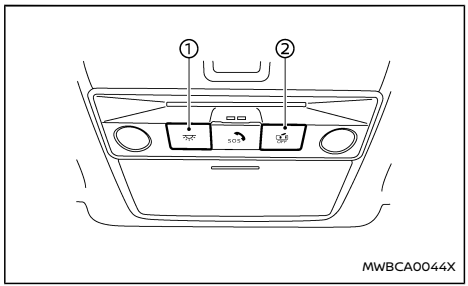
- **If the vehicle is subjected to an impact, the glass roof may remain in the opaque state. Have the vehicle checked. It is recommended to visit a NISSAN certified electric vehicle dealer for this service.**
- **Depending on the angle, the glass roof may appear untransparent.**

INTERIOR LIGHTS

CAUTION

- **Do not leave the light switch on when the EV system is not running for extended periods of time to prevent the 12–volt battery from being discharged.**
- **Turn off the lights when you leave the vehicle.**

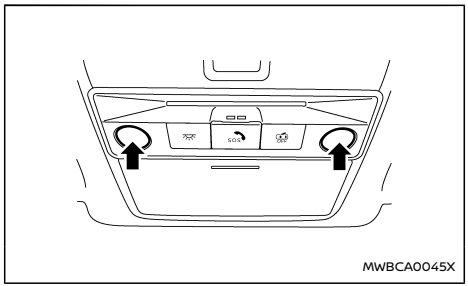
INTERIOR LIGHT SWITCH



① The interior lights can be turned ON regardless of door position. The lights will go off after a period of time unless the power switch is placed in the ON position when any door is opened.

② The interior lights can be set to operate when the doors are opened. To turn off the interior lights when a door is open, touch the switch, the interior lights will not illuminate, regardless of door position. The lights will go off when the power switch is placed in the ON position, or the driver's door is closed and locked.

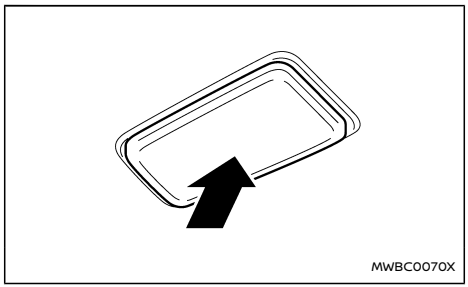
MAP LIGHTS



Touch the light to turn the map light on. To turn the light off, touch the light again.

The lights will also turn off after a period of time when the lights remain illuminated to prevent the 12-volt battery from becoming discharged.

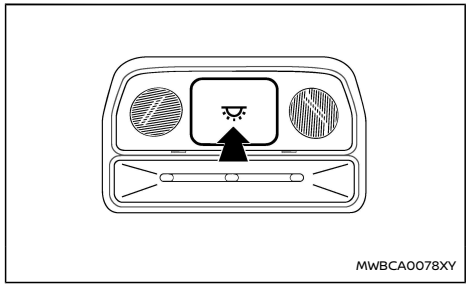
REAR PERSONAL LIGHTS



To turn the rear personal light on, touch the light. Touch the light again to dim the light. To turn off the light, touch the light once again.

The lights will also turn off after a period of time when the lights remain illuminated to prevent the 12–volt battery from becoming discharged.

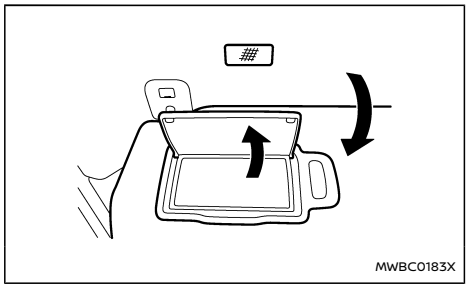
REAR ROOM LIGHT (where fitted)



To turn on the rear room light on, push the switch. To turn off the rear room light, push the switch once again.

The lights will also turn off after a period of time when the lights remain illuminated to prevent the 12–volt battery from becoming discharged.

VANITY MIRROR LIGHT



The light over the vanity mirror will turn on when the cover on the vanity mirror is opened.

When the cover is closed, the light will turn off.

The lights will also turn off after a period of time when the lights remain illuminated to prevent the 12–volt battery from becoming discharged.

CARGO LIGHT

The cargo light illuminates when the tailgate is opened.

The light will turn off after a period of time when the light remains illuminated to prevent the battery from becoming discharged.

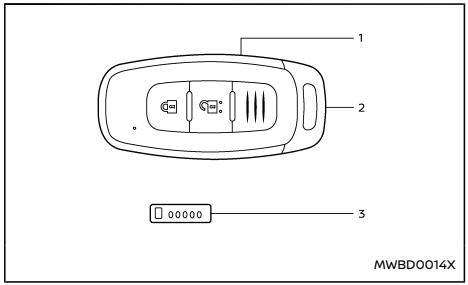
MEMO

3 Pre-driving checks and adjustments

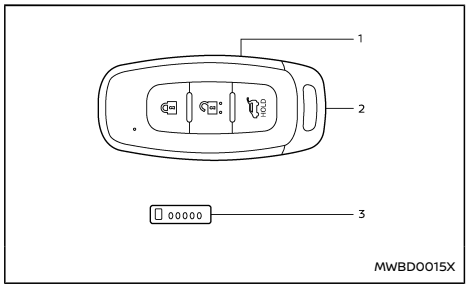
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KEYS

INTELLIGENT KEY



Type A (where fitted)



Type B (where fitted)

1. Intelligent Key (2)
2. Mechanical key (inside Intelligent Key) (2)
3. Key number plate

Your vehicle can only be driven with the Intelligent Keys which are registered to your vehicle's Intelligent Key system components and NISSAN Anti-Theft System (NATS) components. As many as 4 Intelligent Keys can be registered and used with one vehicle. The new keys must be registered by a NISSAN certified electric vehicle dealer prior to use with the Intelligent Key system and NISSAN Anti-Theft System (NATS) of your vehicle. Since the registration process requires erasing all memory in the Intelligent Key components when registering new keys, be sure to take all Intelligent Keys that you have to the NISSAN certified electric vehicle dealer.

A key number plate is supplied with your keys. Record the key number and keep it in a safe place (such as your wallet), not in the vehicle. If you lose your keys, it is recommended you visit a NISSAN certified electric vehicle dealer for duplicates by using the key number. NISSAN does not record any key numbers so it is very important to keep track of your key number plate.

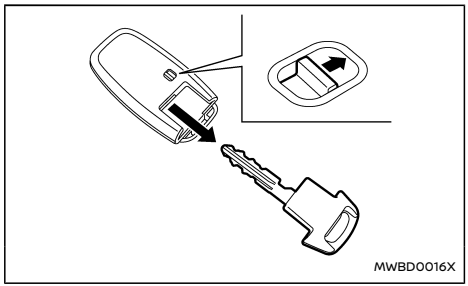
A key number is only necessary when you have lost all keys and do not have one to duplicate from. If you still have a key, it can be duplicated without knowing the key number.

CAUTION

- **Be sure to carry the Intelligent Key with you when driving. The Intelligent Key is a precision device with a built-in transmitter. To avoid damaging it, please note the following.**
  - **The Intelligent Key is water resistant; however, wetting may damage the Intelligent Key. If the Intelligent Key gets wet, immediately wipe until it is completely dry.**
  - **Do not bend, drop or strike it against another object.**
  - **If the outside temperature is below -10°C (14°F) degrees, the battery of the Intelligent Key may not function properly.**
  - **Do not place the Intelligent Key for an extended period in a place where temperatures exceed 60°C (140°F).**
  - **Do not change or modify the Intelligent Key.**
  - **Do not use a magnet key holder.**
  - **Do not place the Intelligent Key near an electric appliance such as a television set, personal computer or mobile phone.**
  - **Do not allow the Intelligent Key to come into contact with water or salt water, and do not wash it in a washing machine. This could affect the system function.**

If an Intelligent Key is lost or stolen, NISSAN recommends erasing the ID code of that Intelligent Key. This will prevent the Intelligent Key from unauthorised use to unlock the vehicle. For information regarding the erasing procedure, it is recommended you visit a NISSAN certified electric vehicle dealer.

Mechanical key



To remove the mechanical key, release the lock knob at the back of the Intelligent Key.

To install the mechanical key, firmly insert it into the Intelligent Key until the lock knob returns to the lock position.

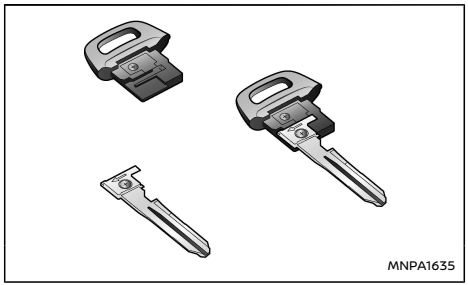
Use the mechanical key to lock or unlock the driver's door. (See "Doors" (P.193).)

CAUTION

- **Always carry the mechanical key installed in the Intelligent Key.**
- **If the mechanical key is removed from the key fob, the mechanical key can be separated from the key head for manual locking/unlocking.**

The mechanical keys are separating type. When locking and unlocking the lock with the mechanical key, separate it and insert the key plate into the key cylinder to lock and unlock the lock. Otherwise, the key cannot be inserted into the key cylinder and may damage the vehicle body.

When separating the key into the head and plate parts, pull out the plate in the direction of the arrow.



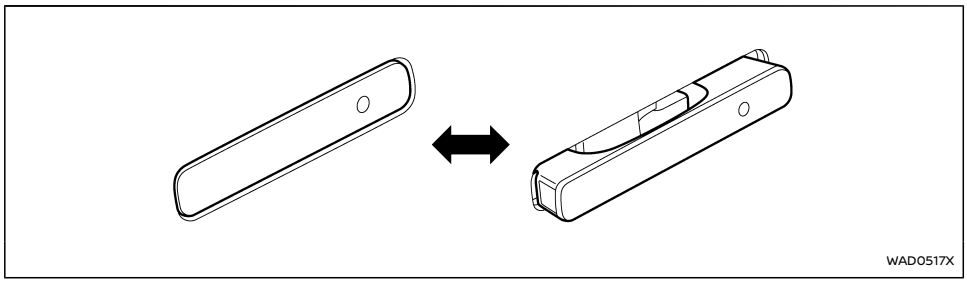
⚠ WARNING

- **Always have the doors locked while driving. Along with the use of seat belts, this provides greater safety in the event of an accident by helping to prevent persons from being thrown from the vehicle. This also helps keep children and others from unintentionally opening the doors, and will help keep out intruders.**
- **Before opening any door, always look for and avoid oncoming traffic.**
- **To help avoid risk of injury or death through unintended operation of the vehicle and or its systems, including entrapment in windows or inadvertent door lock activation, do not leave children, people who require the assistance of others or pets unattended in your vehicle. Additionally, the temperature inside a closed vehicle on a warm day can quickly become high enough to cause a significant risk of injury or death to people and pets.**

FLUSH DOOR HANDLE

⚠ WARNING

Be careful that your or the passenger's fingers or accessories are not caught in the moving parts. Injuries may occur.



The door handles of this vehicle are retractable.

The door handles will extend outward when one of the following condition is met.

- You approach the vehicle with the Intelligent Key.
- The vehicle is unlocked.
- A door is opened.
- If vehicle detects a collision (depending on the severity of the collision).

NOTE:

- **When you approach the vehicle from the front, the door handle may not extend outward until you get close to the vehicle.**
- **The door handles may not extend outward when you approach the vehicle under the following conditions.**
  - **When the Intelligent Key is placed inside of the vehicle.**
  - **When you place the Intelligent Key near the vehicle for a period of time.**
  - **When the EV system is in the READY to drive position.**
  - **When 8 days have passed since the vehicle is locked.**
  - **When the vehicle is locked by the power door lock switch ("Locking with power door lock switch" (P.196)).**
- **If the door handles do not extend outward when you approach the vehicle, push the UNLOCK button of the Intelligent Key (see Unlocking Doors)**
- **When the door handles do not extend outward when you approach the vehicle, first unlock the vehicle with the Intelligent Key. The approach extension function will be disabled when 8 days have passed since the vehicle was locked.**

The door handles will be retracted when one of the following condition is met.

- You walk away from the vehicle with the Intelligent Key after the vehicle has been locked.
- About 3 minutes have passed after the vehicle has been locked. Door handles will not be retracted immediately after the vehicle is locked, as the occupants may re-enter the vehicle.
- When the vehicle is locked by the power door lock switch (see "Locking with power door lock switch" (P.196)) or the automatic door locks (see "Automatic door locks" (P.196)).
- When the transmission is shifted in the R (Reverse) position.

NOTE:

When the [I-Key Door Lock] item has been turned off in the vehicle information display, the door handle will be retracted when the door is locked.

If you need to extend outward the door handle from inside of the vehicle, for example when picking up a person, push the power door lock switch to the unlock position.

See "Locking with power door lock switch" (P.196).

SUPER LOCK SYSTEM (where fitted)

⚠ WARNING

For Super Lock system equipped models, failure to follow the precautions below may lead to hazardous situations. Make sure the Super Lock system activation is always safely conducted.

- **When the vehicle is occupied, never lock the doors with the Intelligent Key. Doing so will trap the occupants, since the Super**

Lock system prevents the doors from being opened from the inside of the vehicle.

- **Only operate the Intelligent Key lock button when there is a clear view of the vehicle. This is to prevent anybody from being trapped inside the vehicle through the Super Lock system activation.**

Locking the doors with the Intelligent Key or the lock sensor (on the front door handles) will lock all doors including the tailgate and activate the Super Lock system.

To activate the Super Lock system, double-press the LOCK button on the Intelligent Key or lock the doors by double-pressing the lock sensor. Hazard indicator lights flash longer to indicate Super Lock activation.

This means that none of the doors can be opened from the inside in order to prevent theft.

The system will be released when the door is unlocked with the Intelligent Key or the capacitive unlock sensor (on the front door handles).

The Super Lock system will not activate when the doors are locked with the power door lock switch.

Emergency situations

If the Super Lock System is activated due to a traffic accident or other unexpected circumstances while you are in the vehicle:

- Place the power switch in the ON position, the Super Lock System will be released and all the doors can be unlocked with the power door lock switch. You can then open the doors.
- Unlock the door using the Intelligent Key. The Super Lock System will be released and you can open the door.

Locking without activating the Super Lock System

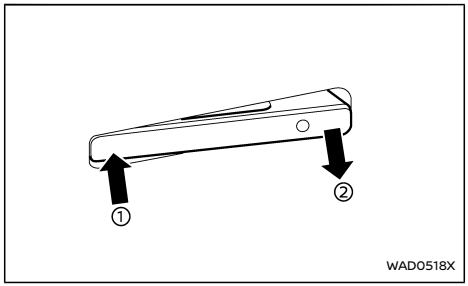
⚠ WARNING

Do not leave the key inside the vehicle when leaving the vehicle.

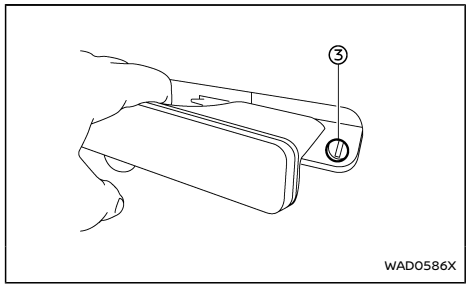
Locking the doors using the door key cylinder, or by a single press of the LOCK button on the Intelligent Key, or by a single press of lock sensor will not activate the Super Lock system.

LOCKING WITH KEY

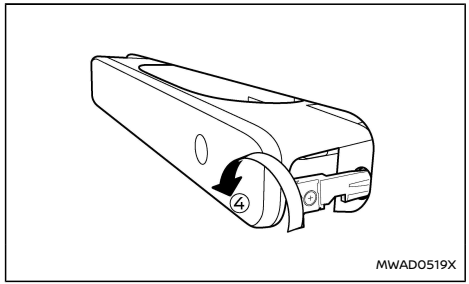
If the door handle does not extend outward due to a discharged battery, you can unlock the door by the following procedure.



Step 1 — 2



Step 3



Step 4

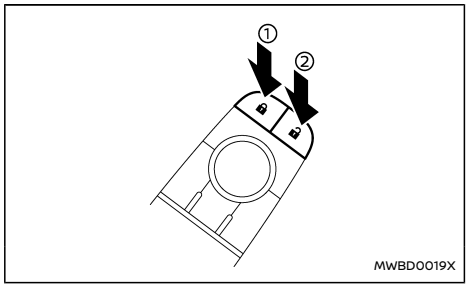
1. Push the front part of the door handle of the driver's door ①.
2. Pull the door handle out from its stored position ②.
3. Insert the separated mechanical key to the driver's door key cylinder ③.

4. Turn the key cylinder to the front of the vehicle ④.
5. To lock the door, turn the mechanical key towards the back of the vehicle.

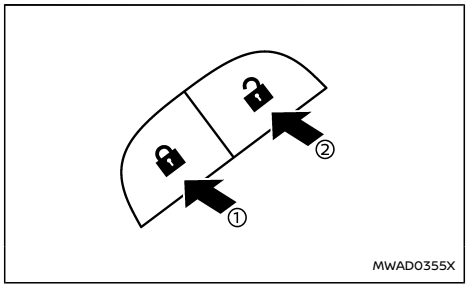
NOTE:

Please be careful not to damage the paint surface when inserting the mechanical key.

LOCKING WITH POWER DOOR LOCK SWITCH



Driver's armrest



Front passenger's armrest

Operating the power door lock switch (located on the driver's and front passenger's doors) will lock or unlock all the doors.

To lock the doors, push the power door lock switch to the lock position ①.

The door lock indicator light on the roof console comes on when the doors are locked.

To unlock the doors, push the power door lock switch to the unlock position ②.

NOTE:

Models without the Super Lock system: If a door is manually opened from inside after having pressed the Intelligent Key LOCK button, the door will unlock and the door lock indicator light goes out.

Lockout protection

Lockout protection function helps to prevent the keys from being accidentally locked inside the vehicle.

When the power door lock switch is moved to the lock position with any door open, all doors will unlock automatically and a chime will sound after the door is closed.

Super Lock equipped models (where fitted)

If the doors are locked by double-pressing the Intelligent Key LOCK button or by double-pressing a lock sensor, the Super Lock system will be activated. The door lock indicator light on the roof console comes on to indicate that all doors are locked, but it will not be possible to use the UNLOCK button of the power door lock switch to unlock the doors.

Locking the doors with the power door lock switch will not activate the Super Lock system.

AUTOMATIC DOOR LOCKS

- All doors unlock automatically when the power switch is placed in the OFF position or when the shift position is placed in the P (Park) position, if selected.

NOTE:

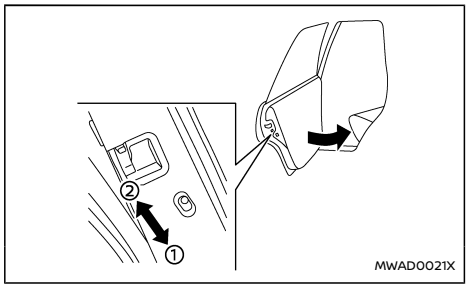
The automatic door unlock function can be changed using the [Vehicle Settings] in the vehicle information display. (See "[Vehicle Settings]" (P.132).)

INTELLIGENT KEY SYSTEM

IMPACT SENSING DOOR LOCK RELEASING MECHANISM (where fitted)

All doors will be unlocked automatically when the impact sensors sense an impact while the power switch is in the ON position. The impact sensing door lock releasing mechanism may not function depending on the force of the impact.

CHILD SAFETY REAR DOOR LOCK



Example

Child safety rear door locks help prevent the rear doors from being opened accidentally, especially when small children are in the vehicle.

When the levers are in the lock position ①, the rear doors can be opened only from the outside.

To disengage, move the levers to the unlock position ②.

⚠ WARNING

- **Radio waves could adversely affect electric medical equipment. Those who use a pacemaker should contact the electric medical equipment manufacturer for the possible influences before use.**
- **The Intelligent Key transmits radio waves when the buttons are pushed. The radio waves may affect aircraft navigation and communication systems. Do not operate the Intelligent Key while on an aeroplane. Make sure the buttons are not operated unintentionally when the unit is stored during a flight.**

The Intelligent Key system can operate all the door locks using the integrated key fob function, touching lock or capacitive unlock sensor or pushing the request switch on the vehicle without taking the key out from a pocket or purse. The operating environment and/or conditions may affect the Intelligent Key system operation.

Be sure to read the following before using the Intelligent Key system.

CAUTION

- **Be sure to carry the Intelligent Key with you when operating the vehicle.**
- **Never leave the Intelligent Key in the vehicle when you leave the vehicle.**

The Intelligent Key is always communicating with the vehicle as it receives radio waves. The Intelligent Key system transmits weak radio waves. Environmental conditions may interfere with the operation of the Intelligent Key system under the following operating conditions.

- When operating near a location where strong radio waves/noises are transmitted, such as a TV tower, power station and broadcasting station.
- When in possession of wireless equipment, such as a mobile phone, transceiver, and CB radio.
- When the Intelligent Key is in contact with or covered by metallic materials.
- When any type of radio wave remote control is used nearby.
- When the Intelligent Key is placed near an electric appliance such as a personal computer.
- When the vehicle is parked near a parking meter.

In such cases, correct the operating conditions before using the Intelligent Key function or use the mechanical key.

Although the life of the battery varies depending on the operating conditions, the battery's life is approximately 2 years. If the battery is discharged, replace it with a new one.

When the Intelligent Key battery is low, an indicator illuminates in the vehicle information display. (See "4. [Key Battery Low] warning" (P.138).)

Since the Intelligent Key is continuously receiving radio waves, if the key is left near equipment which transmits strong radio waves/noises, such as signals from a TV and personal computer, the battery life may become shorter.

For information regarding replacement of a battery, see "Intelligent Key battery replacement" (P.448).

As many as 4 Intelligent Keys can be registered and used with one vehicle. For information about the purchase and use of additional Intelligent Keys, it is recommended that you contact a NISSAN certified electric vehicle dealer.

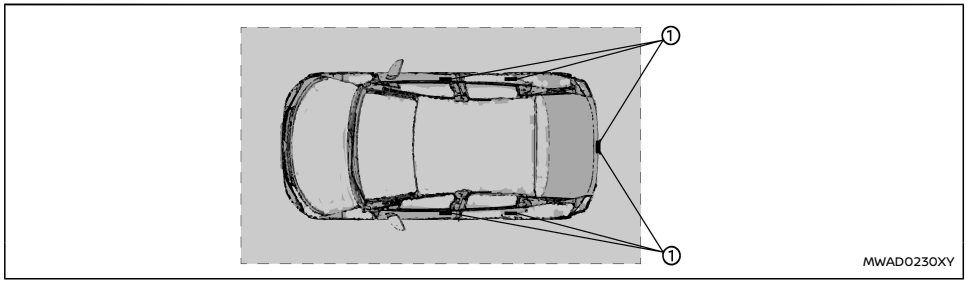
CAUTION

- **Do not allow the Intelligent Key, which contains electrical components, to come into contact with water or salt water. This could affect the system function.**
- **Do not drop the Intelligent Key.**
- **Do not strike the Intelligent Key sharply against another object.**
- **Do not change or modify the Intelligent Key.**
- **Wetting may damage the Intelligent Key. If the Intelligent Key gets wet, immediately wipe until it is completely dry.**
- **If the outside temperature is below –10°C (14°F) degrees, the battery of the Intelligent Key may not function properly.**
- **Do not place the Intelligent Key for an extended period in an area where temperatures exceed 60°C (140°F).**
- **Do not attach the Intelligent Key with a key holder that contains a magnet.**
- **Do not place the Intelligent Key near equipment that produces a magnetic field, such as a TV, audio equipment, personal computers, mobile phone or wireless charger.**

If an Intelligent Key is lost or stolen, NISSAN recommends erasing the ID code of that Intelligent Key from the vehicle. This may prevent the unauthorised use of the Intelligent Key to operate the vehicle. For information regarding the erasing procedure, it is recommended that you contact a NISSAN certified electric vehicle dealer.

The Intelligent Key function can be disabled. For information about disabling the Intelligent Key function, it is recommended that you contact a NISSAN certified electric vehicle dealer.

INTELLIGENT KEY OPERATING RANGE



The Intelligent Key functions can only be used when the Intelligent Key is within the specified operating range from the lock or capacitive unlock sensors or the request switch ①.

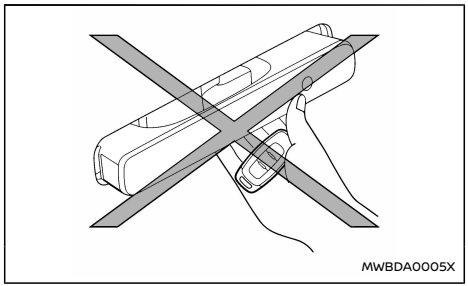
When the Intelligent Key battery is discharged or strong radio waves/noises are present near the operating location, the Intelligent Key system's operating range becomes narrower, and the Intelligent Key may not function properly.

The operating range is within 80 cm (31.50 in) from each sensor or request switch ①.

If the Intelligent Key is too close to the door glass, handle or rear bumper, the sensors or the request switch may not function.

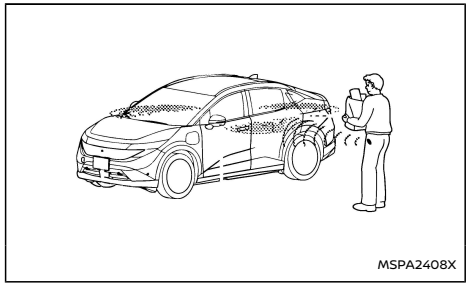
When the Intelligent Key is within the operating range, it is possible for anyone who does not carry the Intelligent Key to use the lock or capacitive unlock sensors or request switch to lock or unlock the doors including the tailgate.

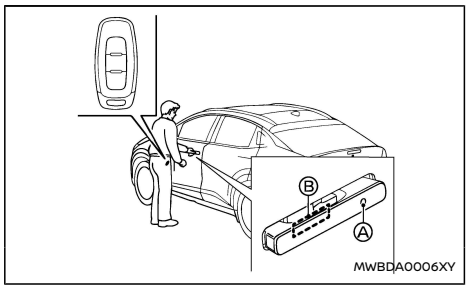
DOOR LOCKS/UNLOCKS PRECAUTION



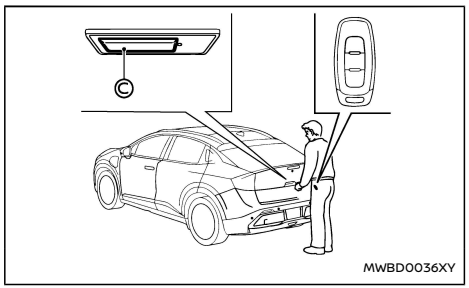
- Do not use the lock or capacitive unlock sensors or the request switch with the Intelligent Key held in your hand as illustrated. The close distance to the door handle will cause the Intelligent Key system to have difficulty recognising that the Intelligent Key is outside the vehicle.
- After locking with the lock sensors or the request switch, verify the doors are securely locked by testing them.
- To prevent the Intelligent Key from being left inside the vehicle, make sure you carry the key with you and then lock the doors.
- Do not pull the door handle before unlocking it by the capacitive unlock sensor or the request switch.

INTELLIGENT KEY OPERATION





Example



Example

Ⓐ Lock sensor
Ⓑ Capacitive unlock sensor
Ⓒ Tailgate opener switch

You can lock or unlock the doors without taking the key out from your pocket or bag.

When you carry the Intelligent Key with you, you can lock all doors by using the lock sensor Ⓐ (located on the front door handles).

You can unlock all the door and tailgate by touching the capacitive unlock sensor Ⓑ (located on inside of the front door handles) within the range of operation.

When you lock the doors, the hazard indicator will flash once. When you unlock the doors, the hazard indicator will flash twice. For details, see "Hazard indicator mode" (P.206).

NOTE:

- **The lock or capacitive unlock sensors can be deactivated in the [Vehicle Settings] of the vehicle information display. (See "[Vehicle Settings]" (P.132).)**
- **The lock or capacitive unlock sensors are operational only when the Intelligent Key has been detected by the Intelligent Key system.**

Welcome light and farewell light function

When you lock or unlock the doors or the tailgate, the emblem light (where fitted), clearance lights and the tail lights will illuminate for a period of time. The welcome light and farewell light function can be disabled. For information about disabling the welcome light and farewell light function, see "[Vehicle Settings]" (P.132).

With the doors locked and when approaching or leaving the vehicle with the Intelligent Key, the emblem light, parking lights and tail lights illuminate. (If you approach or leave the vehicle several times without unlocking the door, the light may not illuminate to prevent unintended activation of the function.)

Locking doors

1. Push the park button to engage the P (Park) position. Place the power switch in the OFF position and make sure you carry the Intelligent Key with you.
2. Close all doors.
3. Touch the lock sensor while carrying the Intelligent Key with you.
4. All doors and the tailgate will lock.
5. The hazard indicator lights flash once.

NOTE:

- **If the doors are locked with the lock sensor whilst the power switch is in the ON position, the EV system will stop automatically.**
- **Doors do not lock by driver's door lock sensor while the driver's door is open. However, doors lock with the mechanical key even if any door is open.**
- **Doors do not lock with the lock sensor with the Intelligent Key inside the vehicle and a beep sounds to warn you. However, when an Intelligent Key is inside the vehicle, doors can be locked with another Intelligent Key.**

CAUTION

- **After locking the doors using the lock sensor, make sure that the doors have been securely locked by operating the door handles or the tailgate opener switch.**
- **When locking the doors using the lock sensor, make sure to have the Intelligent Key in your possession before operating**

the lock sensor to prevent the Intelligent Key from being left in the vehicle.

Unlocking doors

1. Carry the Intelligent Key with you.
2. Wrap the door handle (capacitive unlock sensor).
3. The hazard indicator flashes twice.
   - When the driver's door handle capacitive unlock sensor is used:

     The corresponding door will unlock.
   - When the other door handle capacitive unlock sensor is used:

     That very door will unlock only.
4. Touch the lock sensor to lock the door again. To unlock all the doors again use either the unlock switch in the inside door panel or unlock button on the Intelligent key.
5. The hazard indicator flashes twice. All the doors and the tailgate will unlock.

CAUTION

If a door handle is pulled while unlocking the doors, that door may not be unlocked. Returning the door handle to its original position will unlock the door. If the door does not unlock, after returning the door handle, touch the capacitive unlock sensor or push the request switch to unlock the door.

All doors will be locked automatically unless one of the following operations is performed within 1 minute after touching the capacitive unlock sensor or pushing the request switch while the doors are locked.

- Opening any doors.
- Pushing the power switch.

If during the preset time period, the "UNLOCK" button on the Intelligent Key is pushed, all doors will be locked automatically after another 1 minute.

NOTE:

The unlocking operation can be changed in "Selective Unlock" under the Vehicle Settings of the vehicle information display. For additional information, see "[Vehicle Settings]" (P.132).

Opening tailgate

1. Carry the Intelligent Key.
2. Push the tailgate opener switch ©.
3. The tailgate will unlock and then open.

APPROACH UNLOCK FUNCTION

When you approach the vehicle with the Intelligent Key, the vehicle will be unlocked automatically by the approach unlock function (the operation range is around 1 m (3 ft)). This function is disabled by the default setting. You can enable this function by the vehicle information display. For additional information, see "[Vehicle Settings]" (P.132).

NOTE:

- **When you approach the vehicle from the front, the approach unlock function may not operate unless you get close to the door.**
- **The approach unlock function may not operate under the following conditions:**
  - **When the Intelligent Key is placed inside of the vehicle.**
  - **When you place the Intelligent Key outside of the vehicle for a period of time. (When a door is unlocked and locked, the approach unlock function will be activated.)**
  - **When 8 days have passed since the vehicle was locked.**
  - **When you lock the vehicle with the power door lock switch.**
- **When both the approach unlock function and the selective unlock function are turned on, only the driver's door will be unlocked when you approach the vehicle.**

WALK AWAY LOCK FUNCTION

When you walk away from the vehicle with the Intelligent Key, the vehicle will be locked automatically by the walk away lock function (the operation range is around 2 m (7 ft)). This function is disabled by the default setting. You can enable this function by the vehicle information display. For additional information, see "[Vehicle Settings]" (P.132).

NOTE:

- **When the doors are locked by the walk away lock function, the hazard indicator lights flash once (4 seconds). Be sure to confirm the door locks before you leave the vehicle.**

- **The walk away lock function may not operate under the following conditions:**
  - **— When the door(s) and/or the tailgate are not closed securely.**
  - **— When the EV system is running.**
  - **— When the Intelligent Key is placed inside of the vehicle.**
  - **— When you place the Intelligent Key outside of the vehicle for a period of time. (When a doors is opened and closed, the walk away lock function will activate.)**

12–VOLT BATTERY SAVER SYSTEM

When the following condition is met for a period of time, the battery saver system will cut off the power supply to prevent 12–volt battery discharge.

- The power switch is in the ON position. (See "Power switch positions" (P.263).)

WARNING LIGHTS AND AUDIBLE REMINDERS

To help prevent the vehicle from moving unexpectedly by erroneous operation of the Intelligent Key listed on the following chart or to help prevent the vehicle from being stolen, chime or beep sounds inside and outside the vehicle and the warning display appears on the vehicle information display.

When a chime or beep sounds or the warning display appears, be sure to check the vehicle and Intelligent Key.

See "Troubleshooting guide" (P.203) and "Vehicle information display" (P.126).

TROUBLESHOOTING GUIDE

Verify the location of all Intelligent Keys that are programmed for the vehicle. If another Intelligent Key is in range or inside the vehicle, the vehicle system may respond differently than expected.

Symptom		Possible cause	Action to take
When closing the door after getting out of the vehicle	The [No key detected] warning appears on the display, the outside chime sounds 3 times and the inside warning chime sounds for a few seconds.	The power switch is in the READY to drive position and the Intelligent Key is not detected in the vehicle.	Push the power switch to the OFF position with the Intelligent Key.
	The outside chime sounds continuously.	The power switch is in the OFF position, the electric shift control system has malfunctioned and the vehicle cannot be placed in the P (Park) position when the parking brake is not applied.	Make sure the parking brake is applied.
When touching the lock sensor to lock doors	The outside chime sounds for a few seconds.	The Intelligent Key is inside the vehicle or a cargo area.	Carry the Intelligent Key with you.
		A door is not closed securely.	Close the door securely.
When pushing the power switch in the READY to drive position	The [Hold Key Near Start Button] indicator appears on the display.	The Intelligent Key battery charge is low.	Replace the battery with a new one. (See "Intelligent Key battery replacement" (P.448).)
	The [No key detected] warning appears on the display and the inside warning chime sounds for a few seconds.	The Intelligent Key is not in the vehicle.	Carry the Intelligent Key with you.
When pushing the power switch	The [Key System Fault See Owner's Manual] warning appears on the display.	It warns of a malfunction with the Intelligent Key system.	Contact a NISSAN certified electric vehicle dealer.

HOW TO USE REMOTE KEYLESS ENTRY FUNCTION

⚠ WARNING

- **Radio waves could adversely affect electric medical equipment. Those who use a pacemaker should contact the electric medical equipment manufacturer for the possible influences before use.**
- **The Intelligent Key transmits radio waves when the buttons are pushed. The radio waves may affect aircraft navigation and communication systems. Do not operate the Intelligent Key while on an aeroplane. Make sure the buttons are not operated unintentionally when the unit is stored during a flight.**

CAUTION

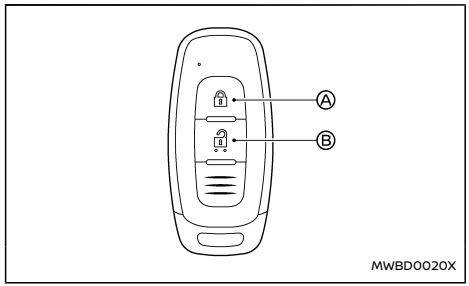
- **Do not allow the Intelligent Key, which contains electrical components, to come into contact with water or salt water. This could affect the system function.**
- **Do not drop the Intelligent Key.**
- **Do not strike the Intelligent Key sharply against another object.**
- **Do not change or modify the Intelligent Key.**
- **Wetting may damage the Intelligent Key. If the Intelligent Key gets wet, immediately wipe until it is completely dry.**
- **If the outside temperature is below -10˚C (14˚F) degrees, the battery of the Intelligent Key may not function properly.**
- **Do not place the Intelligent Key for an extended period in an area where temperatures exceed 60˚C (140˚F).**
- **Do not attach the Intelligent Key with a key holder that contains a magnet.**
- **Do not place the Intelligent Key near equipment that produces a magnetic field, such as a TV, audio equipment, personal computers, mobile phone or wireless charger.**

The remote keyless entry function can operate all door locks using the remote keyless entry function of the Intelligent Key. The remote keyless entry function can operate at a distance of approximately 10 m (33 ft) from the vehicle. (The operating distance depends upon the conditions around the vehicle.)

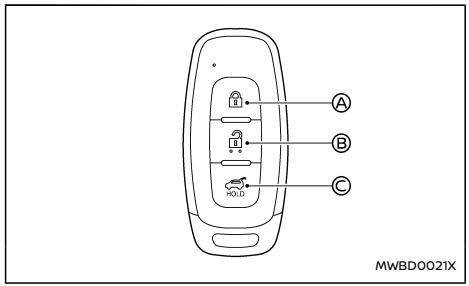
The remote keyless entry function will not operate:

- When the Intelligent Key is not within the operational range.
- When the Intelligent Key battery is discharged.

The remote keyless entry function can also operate the vehicle alarm.



Type A (where fitted)



Type B (where fitted)

Ⓐ LOCK button

Ⓑ UNLOCK button

Ⓒ Power tailgate button

When you lock or unlock the doors or the tailgate, the hazard indicator will flash as a confirmation. For details, see "Hazard indicator mode" (P.206).

Locking doors

1. Place the power switch in the OFF position.
2. Carry the Intelligent Key with you.*
3. Close all the doors.
4. Push the LOCK button Ⓐ on the Intelligent Key.
5. All the doors and the tailtgate will lock.
6. The hazard indicator flashes once.

*: Doors will lock with the Intelligent Key while the power switch is in the ON position. The power switch will be switched to the OFF position.

Operating the door handles again will unlock all the doors and the tailgate..

Unlocking doors

To change the door unlock mode from one to another on the vehicle information display, see "[Vehicle Settings]" (P.132).

1. Push the UNLOCK button on the Intelligent Key once.
2. The hazard indicator flashes twice. The driver's door will unlock.
3. Push the UNLOCK button again within 1 minute.
4. The hazard indicator flashes twice. All the doors and the tailgate will unlock.

All doors will be locked automatically unless one of the following operations is performed within 1 minute after pushing the UNLOCK button while the doors are locked.

- Opening any door (including the tailgate).
- Pushing the power switch.

If during the preset time period, the UNLOCK button on the Intelligent Key is pushed, all doors will be locked automatically after another 1 minute.

Opening or closing windows

The windows can be opened or closed with the Intelligent Key. This function will not operate while the window timer is activated or the windows need to be initialised.

See "Power windows" (P.185).

Opening:

To open the windows, push and hold the UNLOCK button Ⓑ on the Intelligent Key after the door is unlocked.

To stop opening, release the UNLOCK button Ⓑ.

If the window open operation is stopped on the way while pushing the UNLOCK button Ⓑ, release and push the button again until the window opens completely.

Closing:

To close the windows, push and hold the LOCK button Ⓐ on the Intelligent Key after the door is locked.

To stop closing, release the LOCK button Ⓐ.

If the window close operation is stopped on the way while pushing the LOCK button Ⓐ, release and push the button again until the window closes completely.

Opening/closing tailgate (where fitted)

1. Push the power tailgate button Ⓒ for more than 1 second.
2. The tailgate will automatically open.

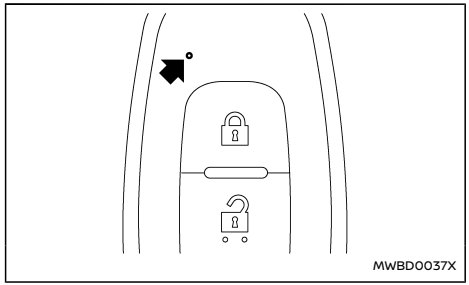
The outside chime sounds 3 times for approximately 3 seconds.

To close the tailgate, push the power tailgate button Ⓒ for more than 1 second.

The tailgate will automatically close.

If the button Ⓒ is pushed while the tailgate is being opened or closed, the tailgate will immediately stop. Pushing the button Ⓒ again will reverse the direction of the tailgate. However, when the tailgate is near the fully open position, it moves in the closing direction and when the tailgate is near the fully close position, it moves in the opening direction.

Intelligent Key button operation light



The light blinks only when you push any button on the Intelligent Key. The light illumination only signifies that the Intelligent Key has transmitted a signal. You may look and/or listen to verify that the vehicle has performed the intended operation. If the light does not blink, your battery may be too weak to communicate to the vehicle. If this occurs, the battery may need to be replaced.

For additional information regarding the replacement of a battery, see "Intelligent Key battery replacement" (P.448).

Hazard indicator mode

When you lock or unlock the doors, the hazard indicator will flash as a confirmation.

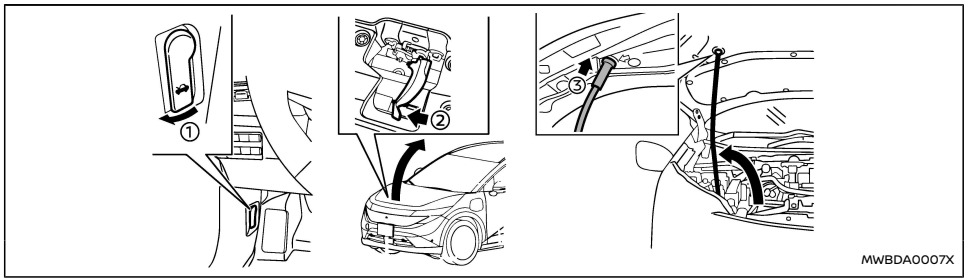
Hazard indicator mode:

Operation	**DOOR LOCK**	**DOOR UNLOCK**
Touching the lock or capacitive unlock sensor	HAZARD - **once** OUTSIDE CHIME - none	HAZARD - **twice** OUTSIDE CHIME - none
Walk away lock or approach unlock	HAZARD - **once** (4 seconds) OUTSIDE CHIME - none	HAZARD - **twice** OUTSIDE CHIME - none
Pushing or button	HAZARD - **once** OUTSIDE CHIME - none	HAZARD - **twice** OUTSIDE CHIME - none

BONNET

⚠ WARNING

- **Make sure the bonnet is completely closed and latched before driving. Failure to do so could cause the bonnet to fly open and result in an accident.**
- **Never open the bonnet if steam or smoke is coming from the EV system compartment to avoid injury.**



1. Pull the bonnet lock release handle ① located below the driver's side instrument panel; the bonnet springs up slightly.
2. Push the lever ② underneath the front of the bonnet sideways as illustrated with your fingertips.
3. Raise the bonnet.
4. Remove the support rod and insert it into the slot ③.

When closing the bonnet:

1. While supporting the bonnet, return the support rod to its original position.
2. Slowly lower the bonnet to about 20 to 30 cm (8 to 12 in) above the bonnet lock, then let it drop.
3. Make sure it is securely latched.

TAILGATE

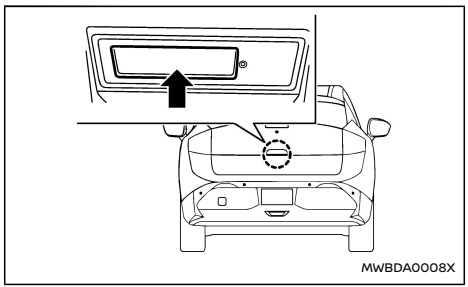
⚠ WARNING

- **Always be sure the tailgate has been closed securely to prevent it from opening while driving.**
- **Do not drive with the tailgate open.**
- **To help avoid risk of injury or death through unintended operation of the vehicle and or its systems, including entrapment in windows or inadvertent door lock activation, do not leave children, people who require the assistance of others or pets unattended in your vehicle. Additionally, the temperature inside a closed vehicle on a warm day can quickly become high enough to cause a significant risk of injury or death to people and pets.**
- **Always be sure that hands and feet are clear of the door frame to avoid injury while closing the tailgate.**

CAUTION

Do not use accessory carriers that attach to the tailgate. Doing so will cause damage to the vehicle.

OPERATING MANUAL TAILGATE (where fitted)



To open the tailgate, unlock it. Pull up the tailgate to open.

The tailgate can be unlocked by:

- pushing the UNLOCK button on the Intelligent Key once (all door unlock mode) or twice (selective door unlock mode).
- touching the capacitive unlock sensor on the front door and holding intelligent key near the tailgate.
- using approach unlock function, (see "Approach unlock function" (P.201).)

To close the tailgate, pull down until it securely locks.

OPERATING POWER TAILGATE (where fitted)

To operate the power tailgate, the vehicle must be in the P (Park) position.

The power tailgate will not operate if the battery voltage is low.

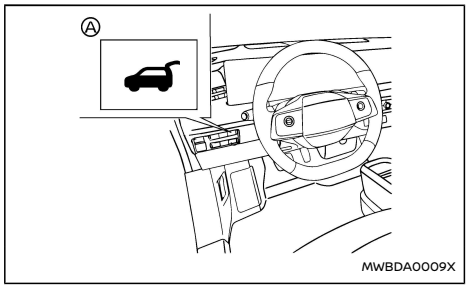
If the tailgate is open approximately 150 mm (5.9 in) or less from the fully closed position, power tailgate cannot be performed by any switch operations. To operate the power tailgate, manually close the tailgate.

The power tailgate operation can be activated or deactivated in the vehicle information display. (See "[Vehicle Settings]" (P.132).)

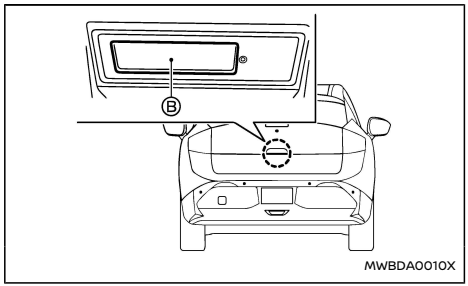
NOTE:

If the power open or close operation is performed consecutively, the safety mode activates and the operation cannot be performed for a certain period of time. In this case, wait for a while and then perform the operation.

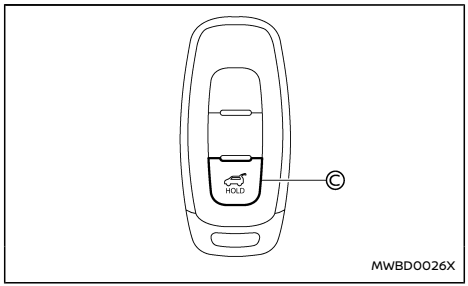
Power open (using switches)



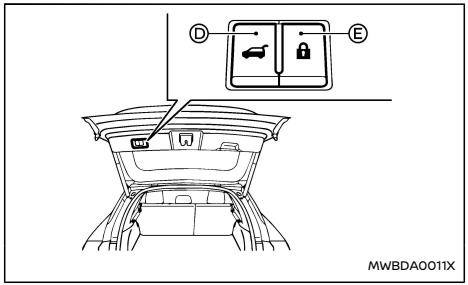
Power tailgate switch — Instrument panel



Tailgategate opener switch



Power tailgate button - Key (example)



Power tailgate close and lock switches — Tailgate

When the tailgate is fully closed, the tailgate will fully open automatically by:

- pushing the power tailgate switch Ⓐ on the instrument panel for more than 1 second
- pushing the tailgate opener switch Ⓑ
- pushing the power tailgate button Ⓒ on the key for more than 1 second

The outside chime sounds when the tailgate starts opening.

NOTE:

The tailgate can be opened by the power tailgate switch Ⓐ or the power tailgate button Ⓒ even if the tailgate is locked. The tailgate can be unlocked and opened independently of the other doors, even when they are locked. The tailgate must be unlocked (or the Intelligent Key must be within range) to open with the tailgate opener switch Ⓑ.

Power close (using switches)

When the tailgate is fully opened, the tailgate will fully close automatically by:

- pushing the power tailgate switch Ⓐ on the instrument panel for more than 1 second
- pushing the power tailgate button Ⓒ on the key for more than 1 second
- pushing the power tailgate close switch Ⓓ on the lower part of the tailgate

The outside chime sounds when the tailgate starts closing.

Power close and lock

When the tailgate is fully opened and the Intelligent Key is carried with you near the tailgate, all the doors and the tailgate will lock and the tailgate will fully close automatically by pushing the power tailgate lock switch Ⓔ on the lower part of the tailgate.

The outside chime sounds when the tailgate starts closing.

Stop and reverse function (where fitted)

The power tailgate will stop immediately if one of the following actions is performed during power open or close.

- pushing the power tailgate switch Ⓐ
- pushing the tailgate opener switch Ⓑ
- pushing the power tailgate close switch Ⓓ on the lower part of the tailgate
- pushing the power tailgate button Ⓒ on the key

And then the power tailgate will move in the reverse direction if one of the above actions is performed again.

The outside chime sounds when the tailgate starts to reverse.

Auto reverse function

The auto-reverse function enables the tailgate to automatically reverse when something is caught in the tailgate as it is opening or closing. When the control unit detects an obstacle, the tailgate will reverse and stop.

If a second obstacle is detected, the tailgate motion will stop.

A pinch sensor is mounted on each side of the tailgate. If an obstacle is detected by the pinch sensor during power close, the tailgate will reverse and return to the full open position immediately.

NOTE:

If the pinch sensor is damaged or removed, the power close function will not operate.

⚠ WARNING

There is a small distance immediately before the closed position that cannot be detected. Make sure that all passengers keep their hands, etc., clear from the tailgate opening before closing the tailgate.

Manual mode

If power operation is not available, the tailgate can be operated manually. Power operation may not be available if the battery voltage is low or if the tailgate is open approximately 150 mm (5.9 in) or less from the fully closed position. When the power tailgate is turned off, the tailgate can be opened manually by pushing the tailgate opener switch. If the power tailgate opener switch is pushed during power open or close, the power operation will be cancelled and the tailgate can be operated manually. This will allow normal power operation functions to resume.

GARAGE MODE SYSTEM (where fitted)

The tailgate can be set to open to a specific height by performing the following:

1. Open the tailgate.
2. Pull the tailgate down to the desired position and hold the tailgate (the tailgate will have some resistance when being manually adjusted).
3. While holding the tailgate in position, press and hold the power tailgate close and lock switch Ⓓ located on the tailgate for approximately 3 seconds or until 2 beeps are heard.

The tailgate will open to the selected position setting. To change the position of the tailgate, repeat steps 1-3 for setting the position of the tailgate.

CAUTION

Do not set the height of the tailgate below approximately 1/3 of the way to the floor using garage mode. Even if you set the height below approximately 1/3 of the way to the floor, the height will automatically be set to approximately 1/3 of the way to the floor.

AUTO CLOSURE (where fitted)

When the tailgate reaches the secondary position, the closure motor engages and pulls the tailgate to its primary latch position.

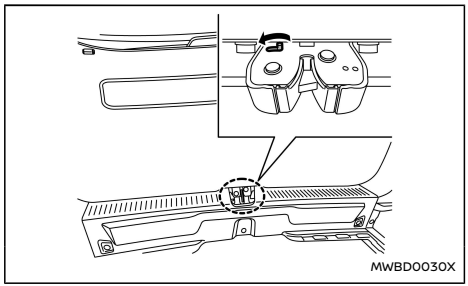
Do not apply excessive force when the auto closure is operating. Excessive force applied may cause the mechanism to malfunction.

CAUTION

- **The tailgate will automatically close from the secondary position. To avoid pinching, keep hands and fingers away from tailgate opening.**
- **Do not let children operate the tailgate.**

CHARGE PORT LID

TAILGATE RELEASE LEVER



If the tailgate cannot be opened with the power door lock switch due to a discharged 12-volt battery, follow these steps.

1. Fold the rear seats down. (See "Rear seats" (P.67).)
2. Move the release lever to the left. The tailgate will be unlatched.
3. Push the tailgate up to open.

Contact a NISSAN certified electric vehicle dealer as soon as possible for repair.

OPENING CHARGE PORT LID

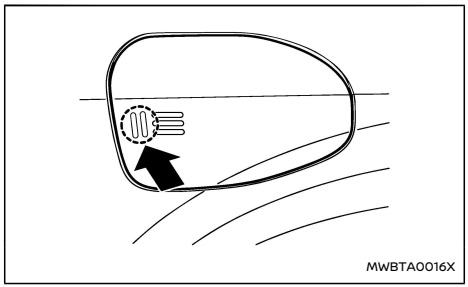
CAUTION

Make sure that the charge port lid is completely closed and latched before driving. Failure to do so could cause the lid to open suddenly during driving.

The charge port lid is linked to the door locking mechanism of the vehicle.

If vehicle doors are locked, the charge port lid will be unlocked when you approach the vehicle with the Intelligent Key.

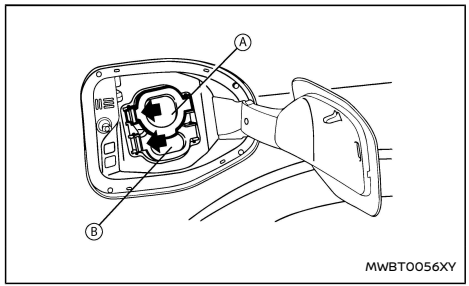
When you walk away from the vehicle with the Intelligent Key, the charge port lid will be locked automatically.



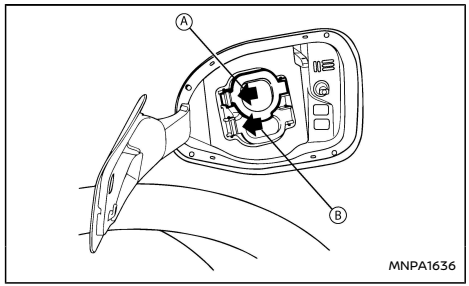
To open the charge port lid, unlock the doors then push the part of the lid near the rear of the vehicle (refer to the figure).

When closing the charge port lid, push the lid to latch it.

CHARGE PORT CAP



Left hand drive (LHD) model



Right hand drive (RHD) model

Ⓐ: Normal charge

Ⓑ: DC fast charge

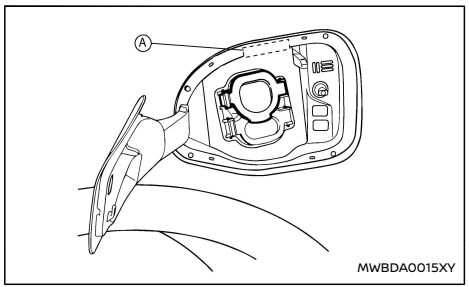
When opening the charge port cap, push the tab and open the cap Ⓐ or Ⓑ.

When the charge port cap is closed to its previous position, it will lock automatically.

CAUTION

- **When charging is finished, be sure to close the charge port cap. If water or dust gets inside the charge port, this may cause a malfunction.**
- **Pay particular attention when using the normal charge port as the charge port lid can be closed even when the normal charge port cap is open.**
- **Close the DC fast charge port cap before closing the charge port lid. The DC fast charge port cap can be damaged if it is open when closing the charge port lid.**
- **If the charge port lid is closed after vehicle's door has been locked, the charge port lid is not locked. Be sure that firstly close the lid and then lock the vehicle.**

CHARGE PORT LIGHT



Ⓐ Charge port light

The charge port has a light. The charge port light illuminates as follows.

When charging starts

- When you approach the vehicle while the vehicle doors are locked with the Intelligent Key with you or unlock the vehicle, the light illuminates for about 3 minutes.
- When the charge connector is connected, the light turns off for about after 30 seconds.

When charging finished

- When you approach the vehicle while the vehicle doors are locked with the Intelligent Key with you or unlock the vehicle, the light illuminates for about 30 seconds.
  - — If the charge connector is not disconnected, the connector will be locked again after about 30 seconds.
- When the charge connector is disconnected, the light illuminates for about 30 seconds.

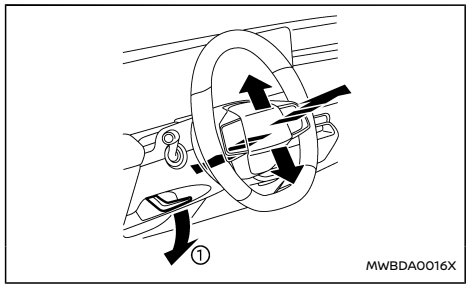
NOTE:

If you walk away from the vehicle with the Intelligent Key with you, the light will turn off.

⚠ WARNING

- **Do not adjust the steering wheel while driving. You could lose control of your vehicle and cause an accident.**
- **Do not adjust the steering wheel any closer to you than is necessary for proper steering operation and comfort. The driver's air bag inflates with great force. If you are unrestrained, leaning forward, sitting sideways or out of position in any way, you are at greater risk of injury or death in a crash. You may also receive serious or fatal injuries from the air bag if you are up against it when it inflates. Always sit back against the seatback and as far away as practical from the steering wheel. Always use the seat belts.**

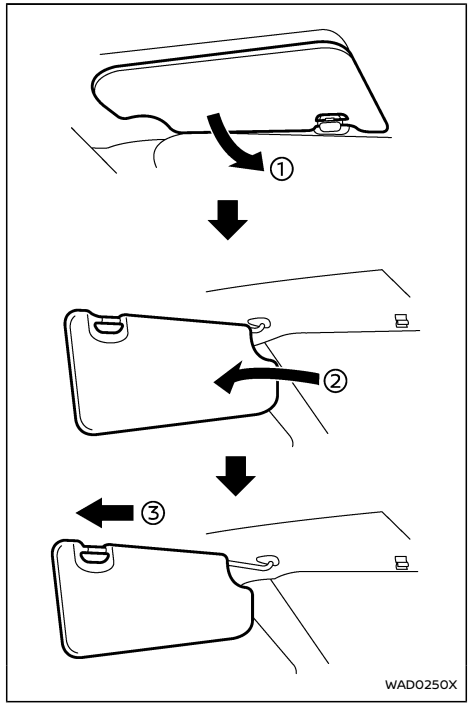
TILT AND TELESCOPIC OPERATION



Pull the lock lever ① down and adjust the steering wheel up, down, forward or rearward to the

SUN VISORS

desired position. Push the lock lever up securely to lock the steering wheel in place.

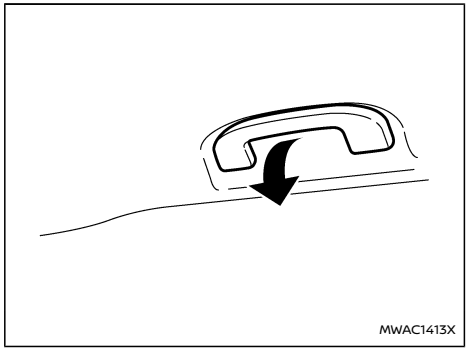


1. To block glare from the front, swing down the main sun visor ①.
2. To block glare from the side, remove the main sun visor from the centre mount and swing it to the side ②.
3. Slide the sun visor ③ in or out as needed.

CAUTION

- **Do not store the sun visor before returning the extension to its original position.**
- **Do not pull the extension sun visor forcedly downward.**

ASSIST GRIPS

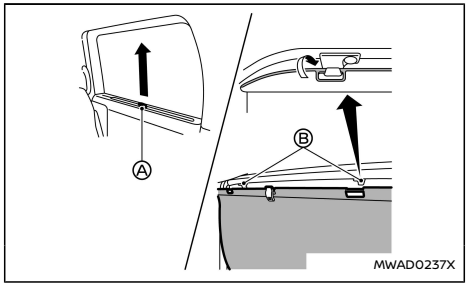


The assist grips are located above the front and rear side windows.

CAUTION

Do not use the assist grip when getting into or out of the vehicle. This may damage the assist grip and cause you to fall.

REAR SUNSHADE (where fitted)



CAUTION

- **Do not release the rear sunshade during operation. This could damage the sunshade or cause injury.**
- **Do not forcefully pull the sunshade. Doing so may elongate the sunshade. This could cause improper operation or could damage the sunshade.**
- **Do not place objects on or near the rear sunshade. This could cause improper operation or could damage the sunshade.**

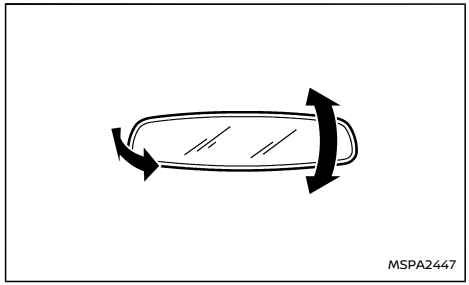
The rear sunshades are equipped on the rear seat windows.

To raise the sunshade, pull the knob Ⓐ up and hang the sunshade on the hooks Ⓑ.

To store the sunshade, remove the sunshade from the hooks and lower it.

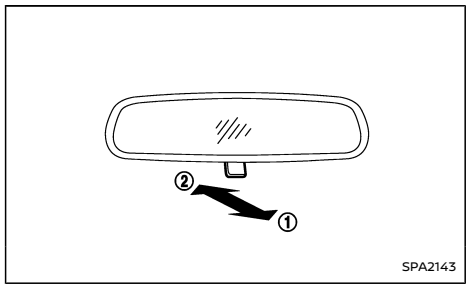
MIRRORS

INSIDE MIRROR



Adjust the angle of the inside mirror to the desired position.

Manual anti-glare type (where fitted)



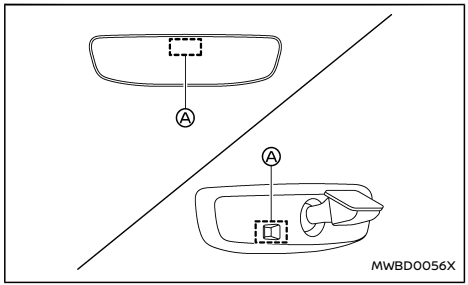
The night position ① will reduce glare from the headlights of vehicles behind you at night.

Use the day position ② when driving in daylight hours.

⚠ WARNING

Use the night position only when necessary, because it reduces rear view clarity.

Automatic anti-glare type (where fitted)



The inside mirror is designed so that it automatically changes reflection according to the intensity of the headlights of the following vehicle.

The anti-glare system will be automatically turned on when the power switch is placed in the ON position.

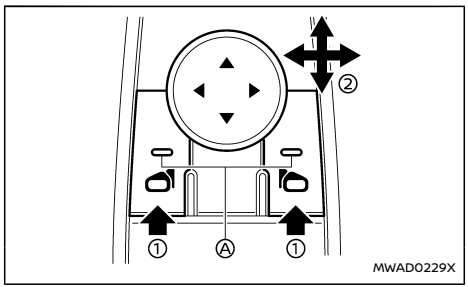
Do not hang any objects on the mirror or apply glass cleaner. Doing so will reduce the sensitivity of the sensor Ⓐ, resulting in improper operation.

OUTSIDE MIRRORS

⚠ WARNING

- **Never touch the outside rearview mirrors while they are in motion. Doing so may pinch your fingers or damage the mirror.**
- **Never drive the vehicle with the outside rearview mirrors folded. This reduces rear view visibility and may lead to an accident.**
- **Objects viewed in the outside mirror are closer than they appear (where fitted).**
- **The picture dimensions and distance in the outside mirrors are not real.**

Adjusting outside mirrors



The outside mirror control switch is located on the driver's armrest.

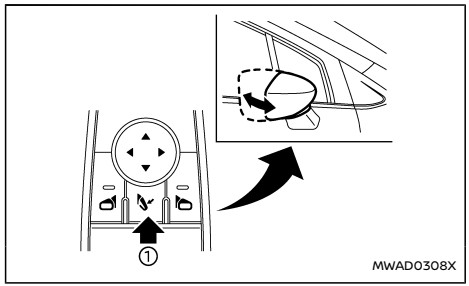
The outside mirror will operate only when the power switch is in the ON position.

Push either the right or left switch to select the right or left side mirror ① (the indicator light Ⓐ on the selected mirror switch illuminates), then adjust ② using the control switch.

Defrosting outside mirrors

The outside mirrors will be heated when the rear window defogger switch is operated. (See "Rear window and outside mirror defroster switch (where fitted)" (P.161).)

Foldable outside mirrors



Example

The outside rearview mirror remote control operates when the power switch is in the ON position.

The outside rearview mirrors automatically fold when the outside rearview mirror folding switch ① is pushed in. To unfold, push the switch again.

CAUTION

- **Continuously performing the fold/unfold operation of the outside rearview mirror may cause the switch to stop the operation.**

- **Do not touch the mirrors while they are moving. Your hand may be pinched, and the mirror may malfunction.**
- **Do not drive with the mirrors stored. You will be unable to see behind the vehicle.**
- **If the mirrors were folded or unfolded by hand, there is a chance that the mirror will move forward or backward during driving. If the mirrors were folded or unfolded by hand, be sure to adjust them again electrically before driving.**

Automatic fold:

The outside rearview mirrors automatically fold when the doors are locked with the Intelligent Key, the lock sensors or the request switch. The mirrors unfold when the doors are unlocked with the Intelligent Key, the capacitive unlock sensors or the request switch, or when the power switch is placed in the ON position. For information about disabling the automatic fold function, see "[Vehicle Settings]" (P.132).

Reverse tilt-down feature (where fitted)

When reversing the vehicle, the right or left outside mirror will turn downward automatically to provide better rear visibility.

1. Place the power switch in the ON position.
2. Shift the transmission to the R (Reverse) position.
3. Choose the right or left outside mirror by operating the outside mirror control switch.
4. The selected outside mirror surface moves downward.

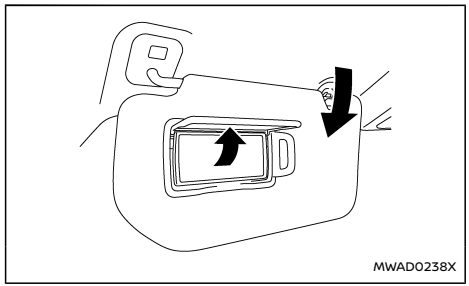
For setting the position of the outside mirror surface, perform the following steps.

1. Choose the right or left outside mirror by operating the outside mirror control switch.
2. Shift the transmission to the R (Reverse) position.
3. Adjust the outside mirror surface to the desired position. (See "Adjusting outside mirrors " (P.215).)
4. Shift the transmission to the P (Park) or D (Drive) position.
5. The adjusted mirror position will be set.

When one of the following conditions has occurred, the outside mirror surface will return to its original position.

- The vehicle speed exceeds 8 km/h (5 MPH).
- The power switch is placed in the OFF position.
- The EV system is stopped.

VANITY MIRROR



To use the vanity mirror, pull down the sun visor and pull up the cover.

4 Monitor, heater, air conditioner, audio and phone systems

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⚠ WARNING

- **Stop your vehicle in a safe location and apply the parking brake before connecting your mobile device to the vehicle or operating your connected mobile device for setup.**
- **Laws in some jurisdictions may restrict the use of some of the applications and features, such as social networking and texting. Check local regulations for any requirements.**

Apple CarPlay:

With Apple CarPlay, your in-vehicle system can be used as a display and a controller for some of the iPhone functions. Apple CarPlay features Siri which enables operations via voice controls. Refer to the Navigation System Owner's Manual and visit the Apple website for information about the functions that are available and other details.

Android Auto:

With Android Auto, your in-vehicle system can be used as a display and a controller for some of your Android phone functions. Android Auto supports Talk to Google which enables operations via voice controls. Refer to the Navigation System Owner's Manual and visit the Android Auto website for information about the functions that are available and other details.

Refer to NissanConnect Owner's Manual that includes the following information.

Available functions may vary depending on the models and specifications.

- Audio
- Hands-Free Phone
- Apple CarPlay
- Android Auto
- NissanConnect Services
- Navigation system
- Voice recognition
- Amazon Alexa

SAFETY INFORMATION

This system is primarily designed to help you support pleasant driving as outlined in this manual. However, you, the driver, must use the system safely and properly. Information and the availability of services may not always be up to date. The system is not a substitute for safe, proper and legal driving.

Before using the system, please read the following safety information. Always use the system as outlined in this manual.

⚠ WARNING

- **To operate the system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.**
- **Exercise extreme caution at all times so full attention may be given to vehicle operation. If the system does not respond immediately, please be patient and keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.**
- **Do not rely on route guidance (where fitted) alone. Always be sure that all driving manoeuvres are legal and safe in order to avoid accidents.**
- **Do not disassemble or modify this system. If you do, it may result in accidents, fire or electrical shock.**
- **If you notice any foreign objects in the**

system hardware, spill liquid on the system or notice smoke or a smell coming from it, stop using the system immediately and it is recommended you contact a NISSAN dealer or qualified workshop. Ignoring such conditions may lead to accidents, fire or electrical shock.

CAUTION

- **Some jurisdictions may have laws limiting the use of video screens while driving. Use this system only where it is legal to do so.**
- **Extremetemperature conditions (below −20°C (−4°F) and above 70°C (158°F)) could affect the performance of the system.**
- **The display screen may break if it is hit with a hard or sharp object. If the display screen breaks,do not touch it. Doing so could result in an injury.**

NOTE:

Do not keep the system running with the EV system turned off. Doing so may discharge the vehicle battery. When you use the system, always keep the EV system turned on.

Models with NissanConnect Services:

NissanConnect Services may not be available in some regions. Completing the NissanConnect Services registration is necessary to use NissanConnect Services related functions.

Hands-free telephone control

⚠ WARNING

- **Use a phone after stopping your vehicle in a safe location. If you have to use a phone while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **If you find yourself unable to devote full attention to vehicle operation while talking on the phone, pull off the road to a safe location and stop your vehicle before doing so.**

CAUTION

To avoid draining the vehicle battery, use a phone only after turning on the EV system.

Hands-free text messaging assistant

⚠ WARNING

- **Use the text messaging feature after parking your vehicle in a safe location. If you have to use the feature while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.**
- **Laws in some jurisdictions may restrict the use of some of the applications and features, such as social networking and texting. Check local regulations for any requirements.**
- **If you are unable to devote full attention to vehicle operation while using the text messaging feature, pull off the road to a safe location and stop your vehicle.**

CAUTION

This feature is disabled if the connected device does not support it. See the phone's Owner's Manual for details and instructions.

Liquid crystal display

The display on this unit is a liquid crystal display and should be handled with care.

⚠ WARNING

Never disassemble the display. Some parts utilise extremely high voltage. Touching them may result in serious personal injury.

Maintenance of display:

To clean the display screen, use a dry, soft cloth. If additional cleaning is necessary, use a small amount of water with a soft cloth. Never spray the screen with water or detergent. Dampen the cloth first, then wipe the screen.

CAUTION

- **Clean the display with the ignition switch or power switch in the OFF position. If the display is cleaned while the ignition or power switch is placed in the ON position, unintentional operation may occur.**

- **To clean the display, never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent. They will scratch or deteriorate the panel.**
- **Do not splash any liquid, such as water or car fragrance, on the display. Contact with liquid will cause the system to malfunction.**

NAVIGATION (where fitted)

The navigation system is primarily designed to help you reach your destination. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up to date. The system is not a substitute for safe, proper, and legal driving.

⚠ WARNING

- **Do not rely on route guidance alone. Always be sure that all driving manoeuvres are legal and safe in order to avoid accidents.**
- **Always stop the vehicle in a safe location before modifying the route conditions. Modifying the route conditions while driving may cause an accident.**
- **The navigation system's visual and voice guidance is for reference purposes only. The contents of the guidance may be inappropriate depending on the situation.**
- **Follow all traffic regulations when driving along the suggested route (e.g. one-way traffic).**

AUDIO OPERATION PRECAUTIONS

CAUTION

- **Operate the audio system only when the vehicle engine is running. Operating the audio system for extended periods of time with the engine turned off can discharge the vehicle battery.**
- **Do not allow the system to get wet. Excessive moisture such as spilled liquids may cause the system to malfunction.**

HOW TO UPDATE MAP DATA (where fitted)

⚠ WARNING

TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE MAP SOFTWARE:

If you choose to park the vehicle within range of a Wi-Fi connection (where fitted) or a TCU (Telematics Control Unit) (where fitted), park the vehicle in a secure, safe, well-ventilated location that is open to the air.

UPDATING SYSTEM SOFTWARE (where fitted)

⚠ WARNING

TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE SYSTEM SOFTWARE:

If you choose to park the vehicle within range of a Wi-Fi connection (where fitted), park the vehicle in a secure, safe, well-ventilated location that is open to the air.

How to update from the system menu

⚠ WARNING

To operate the system for software update, first park the vehicle in a safe location.

REGULATORY INFORMATION

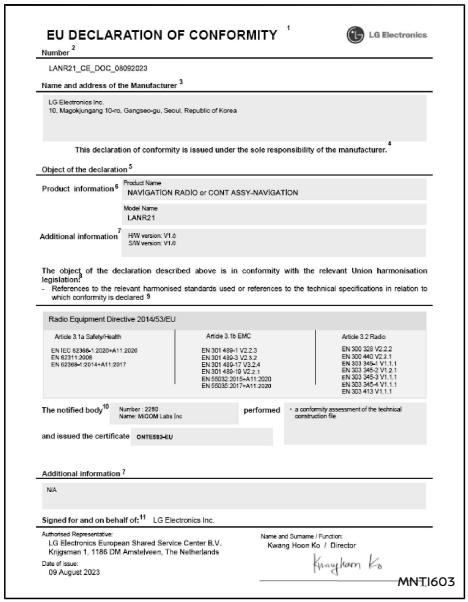
Radio approval number and information

For Europe and United Kingdom:

Type A:

Hereby, LG Electronics Inc. declares that the radio equipment type LANR21 is in compliance with Directive 2014/53/EU.

CE



EU DECLARATION OF CONFORMITY [1]

LG Electronics

Number [2]

LANR21_CE_DOC_08092023

Name and address of the Manufacturer [3]

LG Electronics Inc.
10, Magokjungang 10-ro, Gangseo-gu, Seoul, Republic of Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer. [4]

Object of the declaration [5]

Product information [6] Product Name: NAVIGATION RADIO or CONT ASSY-NAVIGATION

Model Name: LANR21

Additional information [7] H/W version: V1.0
S/W version: V1.0

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation [8]

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared [9]

Radio Equipment Directive 2014/53/EU

Article 3.1a Safety/Health	Article 3.1b EMC	Article 3.2 Radio
EN IEC 62368-1:2020+A11:2020 EN 62311:2008 EN 62368-1:2014+A11:2017	EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-17 V3.2.4 EN 301 489-19 V2.2.1 EN 55032:2015+A11:2020 EN 55035:2017+A11:2020	EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 303 345-1 V1.1.1 EN 303 345-2 V1.2.1 EN 303 345-3 V1.1.1 EN 303 345-4 V1.1.1 EN 303 413 V1.1.1

The notified body [10] Number : 2280
Name: MCOM Labs Inc performed - a conformity assessment of the technical construction file

and issued the certificate ONTE593-EU

Additional information [7]

N/A

Signed for and on behalf of: [11] LG Electronics Inc.

Authorised Representative:
LG Electronics European Shared Service Center B.V.
Krijgsman 1, 1186 DM Amstelveen, The Netherlands

Name and Surname / Function:
Kwang Hoon Ko / Director

Date of issue:
09 August 2023

MNTI1603

Hereby, LG Electronics Inc. declares that the radio equipment type LANR21 is in compliance with Radio Equipment Regulations 2017.



DECLARATION OF CONFORMITY

LG Electronics

Number

LANR21_UKCA_DOC_08092023

Name and address of the Manufacturer

LG Electronics Inc.
10, Magokjungang 10-ro, Gangseo-gu, Seoul, Republic of Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

Product information: Product Name: NAVIGATION RADIO or CONT ASSY-NAVIGATION; Model Name: LANR21

Additional information: H/W version : V1.0 / S/W version : V1.0

The object of the declaration described above is in conformity with the relevant Statutory Requirements:

- References to the relevant **designated** standards used or references to the technical specifications in relation to which conformity is declared

Radio Equipment Regulations 2017 No. 1206

Article 3.1a Safety/Health	Article 3.1b EMC	Article 3.2 Radio
EN IEC 62368-1:2020+A11:2020 EN 62368-1:2014+A11:2017 EN 62311:2008	EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-17 V3.2.4 EN 301 489-19 V2.2.1	EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 303 345-1 V1.1.1 EN 303 345-2 V1.2.1 EN 303 345-3 V1.1.1 EN 303 345-4 V1.1.1 EN 303 413 V1.1.1

☐ EU Notified Body
☐ UK Approved Body — UK Market Conformity Assessment Body MCOM Labs Inc Approved Body 2280

Performed — a conformity assessment of the technical/construction file

and issued the certificate — ONTE593-UK

Additional information

N/A

Signed for and on behalf of: LG Electronics Inc.

UK Representative:
LG Electronics U.K. Ltd
Velocity 2, Brooklands Drive, Weybridge, KT13 0SL

Name and Surname / Function:
Baejin Lee / CFO

Date of issue:
09 August 2023

MNTI1604

Frequency Band

2402 MHz - 2480 MHz

2412 MHz - 2472 MHz

5745 MHz - 5805 MHz

Radiated Power [EIRP]

Bluetooth < 100 mW

BLE < 10 mW

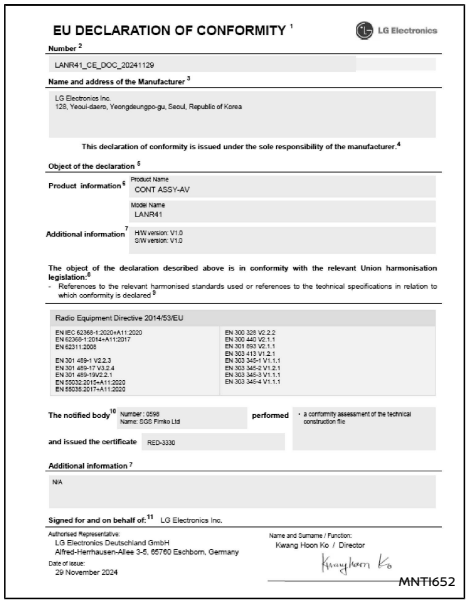
WLAN 2.4 GHz < 100 mW

WLAN 5725 MHz - 5850 MHz < 25mW

Type B:

Hereby, LG Electronics Inc. declares that the radio equipment type LANR41 is in compliance with Directive 2014/53/EU.

CE



EU DECLARATION OF CONFORMITY [1]

LG Electronics

Number [2]

LANR41_CE_DOC_20241129

Name and address of the Manufacturer [3]

LG Electronics Inc.
128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer.[4]

Object of the declaration [5]

Product information [6] Product Name: CONT ASSY-AV

Model Name: LANR41

Additional information [7] H/W version: V1.0
S/W version: V1.0

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:[8]

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared [9]

Radio Equipment Directive 2014/53/EU

EN IEC 62368-1:2020+A11:2020	EN 300 328 V2.2.2
EN 62368-1:2014+A11:2017	EN 300 440 V2.1.1
EN 62311:2008	EN 301 893 V2.1.1
	EN 303 413 V1.2.1
EN 301 489-1 V2.2.3	EN 303 345-1 V1.1.1
EN 301 489-17 V3.2.4	EN 303 345-2 V1.2.1
EN 301 489-19V2.2.1	EN 303 345-3 V1.1.1
EN 55032:2015+A11:2020	EN 303 345-4 V1.1.1
EN 55035:2017+A11:2020	

The notified body [10] Number : 0598
Name: SGS Fimko Ltd

performed • a conformity assessment of the technical construction file

and issued the certificate RED-3330

Additional information [7]

N/A

Signed for and on behalf of: [11] LG Electronics Inc.

Authorised Representative:
LG Electronics Deutschland GmbH
Alfred-Herrhausen-Allee 3-5, 65760 Eschborn, Germany

Date of issue:
29 November 2024

Name and Surname / Function:
Kwang Hoon Ko / Director

MNTI652

The use of the 5150-5350 MHz band is restricted to indoor use including installations inside road vehicles. This restriction exists in Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), Northern Ireland (UK(NI)), Switzerland (CH), Iceland (IS), Liechtenstein (LI) and Norway (NO).

Bluetooth:

Frequency Range: 2402 to 2480 MHz

Output power: Maximum 6.0 dBm

Wi-Fi

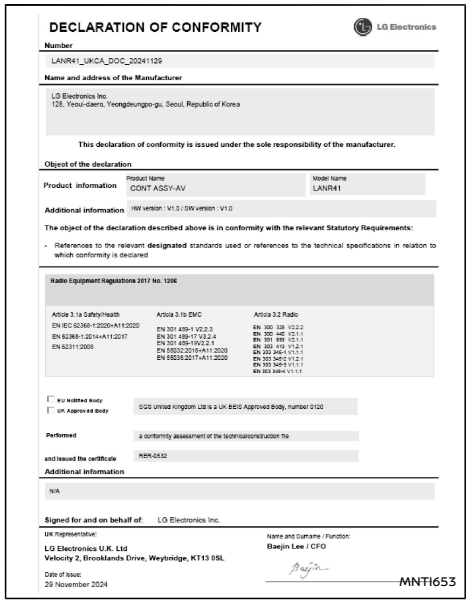
Standard: IEEE 802.11 a/b/g/n/ac

Frequency Range / Output Power:

- 2412 to 2472 MHz / Maximum 20 dBm
- 5180 to 5240 MHz / Maximum 16 dBm
- 5745 to 5805 MHz / Maximum 14 dBm

Hereby, LG Electronics Inc. declares that the radio equipment type LANR41 is in compliance with the relevant statutory requirements.

UK CA



DECLARATION OF CONFORMITY

LG Electronics

Number

LANR41_UKCA_DOC_20241129

Name and address of the Manufacturer

LG Electronics Inc.
128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

Product information Product Name: CONT ASSY-AV

Model Name: LANR41

Additional information H/W version : V1.0 / S/W version : V1.0

The object of the declaration described above is in conformity with the relevant Statutory Requirements:

- References to the relevant designated standards used or references to the technical specifications in relation to which conformity is declared

Radio Equipment Regulations 2017 No. 1206

Article 3.1a Safety/Health	Article 3.1b EMC	Article 3.2 Radio
EN IEC 62368-1:2020+A11:2020	EN 301 489-1 V2.2.3	EN 300 328 V2.2.2
EN 62368-1:2014+A11:2017	EN 301 489-17 V3.2.4	EN 300 440 V2.1.1
EN 62311:2008	EN 301 489-19V2.2.1	EN 301 893 V2.1.1
	EN 55032:2015+A11:2020	EN 303 413 V1.2.1
	EN 55035:2017+A11:2020	EN 303 345-1 V1.1.1
		EN 303 345-2 V1.2.1
		EN 303 345-3 V1.1.1
		EN 303 345-4 V1.1.1

☐ EU Notified Body
☐ UK Approved Body — SGS United Kingdom Ltd is a UK BEIS Approved Body, number 0120

Performed a conformity assessment of the technicalconstruction file

and issued the certificate REK-0532

Additional information

N/A

Signed for and on behalf of: LG Electronics Inc.

UK Representative:
LG Electronics U.K. Ltd
Velocity 2, Brooklands Drive, Weybridge, KT13 0SL

Date of issue:
29 November 2024

Name and Surname / Function:
Baejin Lee / CFO

MNTI653

The use of the 5150-5350 MHz band is restricted to indoor use including installations inside road vehicles.

Bluetooth:

Frequency Range: 2402 to 2480 MHz

Output power: Maximum 6.0 dBm

Wi-Fi

Standard: IEEE 802.11 a/b/g/n/ac

Frequency Range / Output Power:

- 2412 to 2472 MHz / Maximum 20 dBm
- 5180 to 5240 MHz / Maximum 16 dBm
- 5745 to 5805 MHz / Maximum 14 dBm

For Ukraine:

Type A:



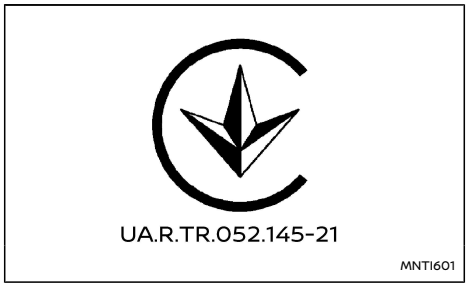
УКРАЇНСЬКИЙ ДЕРЖАВНИЙ ЦЕНТР РАДІОЧАСТОТ
UKRAINIAN STATE CENTER OF RADIO FREQUENCIES
ОРГАН З ОЦІНКИ ВІДПОВІДНОСТІ [ООВ УКРЧАСТОТНАГЛЯД]
CONFORMITY ASSESSMENT BODY [CAB / УКРЧАСТОТНАГЛЯД]

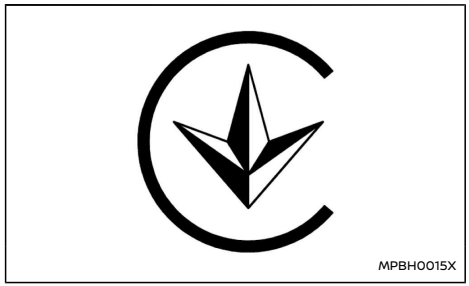
СЕРТИФІКАТ ЕКСПЕРТИЗИ ТИПУ
TYPE EXAMINATION CERTIFICATE

Зареєстровано в реєстрі ООВ *Registered in the CAB Register*	№ UA.R.TR.052.145-21
Термін дії з *Valid from*	21 травня 2021
Продукт *Product*	Автомобільне радіообладнання (NAVIGATION RADIO) у складі згідно з Додатком 2
Торговельна марка *Trade name*	Alliance-RNM
Модель/Опис *Product Designation*	LANR21
Опис обладнання *Description of equipment*	IEEE 802.11 a/b/g/n/ac; IEEE 802.15.1 Bluetooth; SRD; AM/FM приймач; DAB приймач; GNSS приймач.
Відповідає *Product is in conformity with*	- суттєвим вимогам Технічного регламенту радіообладнання (ТР Р), затвердженого Постановою КМ України від 24.05.2017 № 355; - узагальненим умовам застосування згідно з Додатками 9, 10, 11, 19, 27, 43 до Рішення НКРЗІ від 12.01.2012 №18; - нормативним документам, наведеним в Додатку 1
Порядок використання *Basis for operation*	на бездозвільній основі
Отримувач сертифіката *Recipient of the certificate, status*	ТОВ "Радіо Тест Стандарт", 03115, Київ, вул. Львівська, 22А, к. 135, ЄДРПОУ 39205151, уповноважений представник
Виробник *Manufacturer*	LG Electronics Inc, 10, Magokjungang 10-ro, Gangseo-gu, Seoul, Republic of Korea на підприємствах згідно з Додатком 4
ООВ, що видав Сертифікат *Certificate is issued by CAB*	ООВ УКРЧАСТОТНАГЛЯД № UA.TR.052 за наказом Мінекономрозвитку України від 11.04.2018 №500; Атестат про акредитацію НААУ від 25.02.2021 №1О179; просп. Перемоги, 151, м. Київ, 03179 тел. (044) 422-81-84; 422-85-46; ел.пошта: oo@ucrf.gov.ua , http://www.ucrf.gov.ua
На підставі *On the bases of*	Звіту про оцінювання № УЧН-21/D.130 від 21.05.2021
Умови чинності сертифіката	Виконання умов сертифікаційної угоди № УЧН-21/D.130
Додаткова інформація *Additional information*	Цей сертифікат видано у відповідності з п. 6 Додатка 2 ТР Р та дійсний тільки з Додатками 1, 2, 3, 4. Інформація щодо чинності проведеної оцінки відповідності на https://ucrf.gov.ua/...

Керівник органу з оцінки відповідності / Director of the Conformity Assessment Body — Signature — Олександр ЛИСЕНКО / Full name

MNTI602





Frequency Band

2402 MHz - 2480 MHz

2412 MHz - 2472 MHz

5745 MHz - 5805 MHz

Radiated Power [EIRP]

Bluetooth < 100 mW

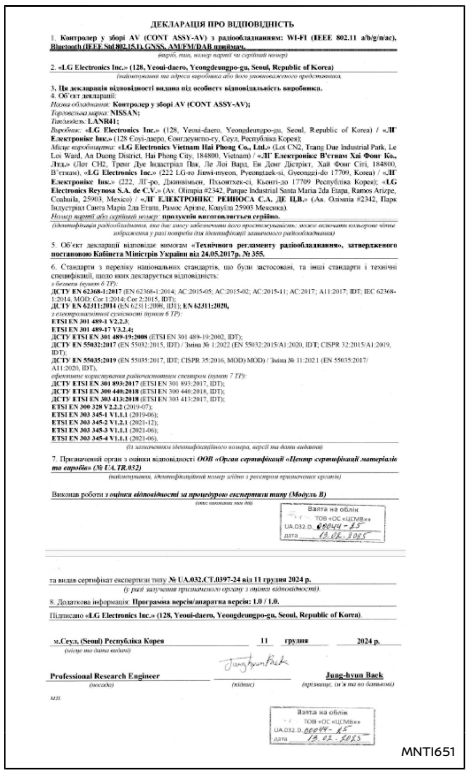
BLE < 10 mW

WLAN 2.4 GHz < 100 mW

WLAN 5725 MHz - 5850 MHz < 25mW

Type B:

The use of the 5150-5350 MHz band is restricted to indoor use including installations inside road vehicles.



ДЕКЛАРАЦІЯ ПРО ВІДПОВІДНІСТЬ

1. **Контролер у зборі AV (CONT ASSY-AV) з радіообладнанням: Wi-Fi (IEEE 802.11 a/b/g/n/ac), Bluetooth (IEEE 802.15.1A (GFSK), AFH 2/3/DAB підтримує.**
(виріб, тип, номер партії чи серійний номер)

2. **«LG Electronics Inc.» (128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea)**
(найменування чи адреса виробника або його уповноваженого представника)

3. **Ця декларація відповідності видана під особисту відповідальність виробника.**

4. Об'єкт декларації:
Назва обладнання: **Контролер у зборі AV (CONT ASSY-AV);**
Торговельна марка: **NISSAN;**
Письмість: **LAN841;**
Виробник: **«LG Electronics Inc.»** (128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea) / **«ЛГ Електронікс Інк.»** (128 Сеул-даеро, Енгдеунгпо-гу, Сеул, Республіка Корея);
Місце виробництва: **«LG Electronics Vietnam Hai Phong Co., Ltd.»** (Lot CN2, Teang Dae Industrial Park, Le Loi Ward, An Duong District, Hai Phong City, 184800, Vietnam) / **«ЛГ Електронікс В'єтнам Хай Фонг Ко., Лтд.»** (Лот CN2, Тренг Дое Індастріал Пак, Ле Лой Вард, Ен Донг Дістрікт, Хай Фонг Сіті, 184800, В'єтнам), **«LG Electronics Inc.»** (222 Lg-ro Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do 17799, Korea) / **«ЛГ Електронікс Інк.»** (222, Лг-ро, Джинвіміон, Пхьонтхек-сі, Кьонгі-до 17799 Республіка Корея); **«LG Electronics Reynosa S.A. de C.V.»** (Av. Olimpia #2342, Parque Industrial Santa Maria Zda Etapa, Ramos Arizpe, Coahuila, 25903, Mexico) / **«ЛГ ЕЛЕКТРОНІКС РЕЙНОСА С.А., ДЕ Ш.В.»** (Ав. Олімпія #2342, Парк Індустріал Санта Марія 2да Етапа, Рамос Аріпе, Коауїла 25903 Мексика)
Номер партії або серійний номер: **продукція виготовляється серійно.**
(ідентифікація радіообладнання, яка дає змогу забезпечити його простежуваність, може включати кольорове чітке зображення з рамі потрібна для ідентифікації залежно радіообладнання)

5. Об'єкт декларації відповідає вимогам **«Технічного регламенту радіообладнання», затвердженого постановою Кабінета Міністрів України від 24.05.2017 р. № 355.**

6. Стандарти з переліку національних стандартів, що були застосовані, та інші стандарти і технічні специфікації, щодо яких декларується відповідність:
з безпеки (пункт 6 ТР):
ДСТУ EN 62368-1:2017 (EN 62368-1:2014; AC:2015-05; AC:2015-02; AC:2015-11; AC:2017; A11:2017; IDT; IEC 62368-1:2014; MOD; Cor 1:2014; Cor 2:2015, IDT);
ДСТУ EN 62311:2014 (EN 62311:2008, IDT); **EN 62311:2020,**
з електромагнітної сумісності (пункт 8 ТР):
ETSI EN 301 489-1 V2.2.3;
ETSI EN 301 489-17 V3.2.4;
ДСТУ ETSI EN 301 489-19:2008 (ETSI EN 301 489-19:2002, IDT);
ДСТУ EN 55032:2017 (EN 55032:2015, IDT) / Зміна № 1:2022 (EN 55032:2015/A1:2020, IDT; CISPR 32:2015/A1:2019, IDT);
ДСТУ EN 55035:2019 (EN 55035:2017, IDT; CISPR 35:2016, MOD) MOD) / Зміна № 11:2021 (EN 55035:2017/A11:2020, IDT);
ефективного використання радіочастотного спектра (пункт 7 ТР):
ДСТУ ETSI EN 301 893:2017 (ETSI EN 301 893:2017, IDT);
ДСТУ ETSI EN 300 440:2018 (ETSI EN 300 440:2018, IDT);
ДСТУ ETSI EN 303 413:2018 (ETSI EN 303 413:2017, IDT);
ETSI EN 300 328 V2.2.2 (2019-07);
ETSI EN 303 345-1 V1.1.1 (2019-06);
ETSI EN 303 345-2 V1.2.1 (2021-12);
ETSI EN 303 345-3 V1.1.1 (2021-06);
ETSI EN 303 345-4 V1.1.1 (2021-06).
(із зазначенням ідентифікаційного номера, дати та даних видання)

7. Призначений орган з оцінки відповідності **ООВ «Орган сертифікації «Центр сертифікації матеріалів та виробів» (ОС «ЦСМВ»)**
(найменування, ідентифікаційний номер згідно з реєстром призначених органів)

Виконав роботи з **оцінки відповідності за процедурою експертизи типу (Модуль В)**
(яке виконано, ким, де)

Взята на облік
ТОВ «ОС «ЦСМВ»»
UA.032.0. 000094 - 24
дата 16.06.2025

та видав сертифікат експертизи типу **№ UA.032.CT.0197-24 від 11 грудня 2024 р.**
(у разі залучення призначеного органу з оцінки відповідності).

8. Додаткова інформація: **Програмна версія/апаратна версія: 1.0 / 1.0.**

Підписано **«LG Electronics Inc.» (128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea)**

м.Сеул, (Seoul) Республіка Корея — 11 грудня — 2024 р.
(місце та дата видачі)

Professional Research Engineer — **Jung-hyun Back**
(посада) — *(підпис)* — *(прізвище, ім'я та по батькові)*

м.п.

Взята на облік
ТОВ «ОС «ЦСМВ»»
UA.032.0. 000094 - 24
дата 19.02.2025

MNTI651

Bluetooth:

Frequency Range: 2402 to 2480 MHz

Output power: Maximum 6.0 dBm

Wi-Fi

Standard: IEEE 802.11 a/b/g/n/ac

Frequency Range / Output Power:

- 2412 to 2472 MHz / Maximum 20 dBm
- 5180 to 5240 MHz / Maximum 16 dBm
- 5745 to 5805 MHz / Maximum 14 dBm

TRADEMARKS

Made for iPhone | iPod

MPBA0032X

Works with Apple CarPlay

M5GD0030X

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Bluetooth®

Bluetooth® is a trademark owned by Bluetooth SIG, Inc. and licensed to Robert Bosch GmbH and Clarion Co., Ltd.

gracenote.
A NIELSEN COMPANY

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Siri

Siri is a trademark of Apple Inc., registered in the U.S. and other countries.

Google/Android/Google Play/Android Auto

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Amazon/Alexa

Amazon, Alexa, and all related marks are trademarks of Amazon.com, Inc. or its affiliates.

LICENSES

SOFTWARE LICENSES

Type A and type B:

- Open Source Software Licenses
  https://www.nissan-global.com/EN/OSS
- This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

TELEMATICS CONTROL UNIT

https://www.oss-valeo.com/nissan/default.html

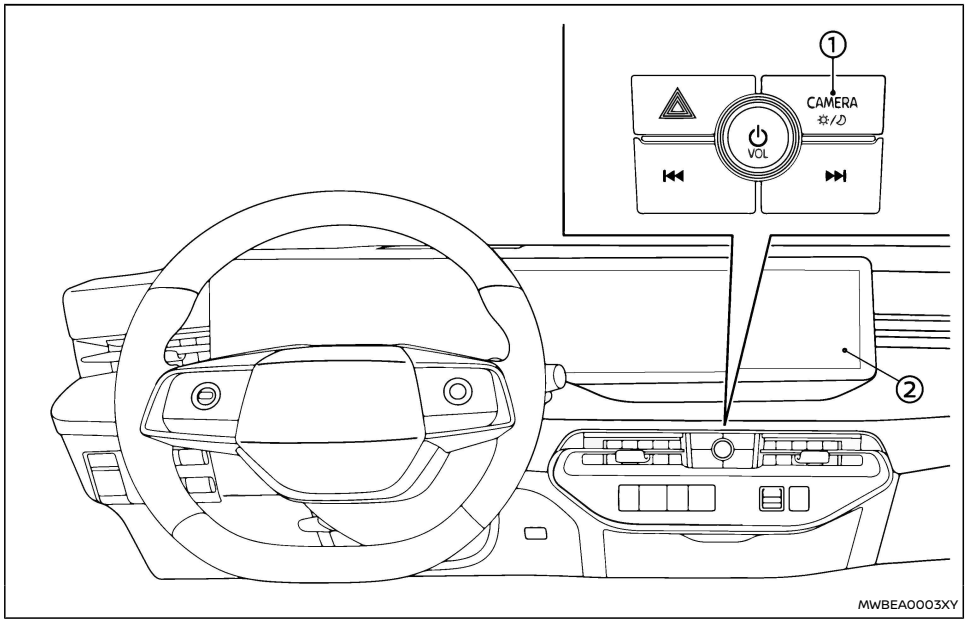
⚠ WARNING

- **Do not adjust the display controls, heater and air conditioner controls or audio controls while driving so that full attention may be given to vehicle operation.**
- **If you noticed any foreign objects entering the system hardware, spilled liquid on the system, or noticed smoke or fumes coming out from the system, or any other unusual operation is observed, stop using the system immediately and contact the nearest knowledgeable repairer such as a NISSAN certified electric vehicle dealer. Ignoring such conditions may lead to an accident, fire or electric shock.**
- **Do not disassemble or modify this system. If you do, it may lead to an accident, fire, or electric shock.**

CAUTION

Do not use the system when the EV system is not engaged for extended periods of time to prevent the 12-volt battery discharge.

INTELLIGENT AROUND VIEW MONITOR (where fitted)



① <CAMERA ☀/☽> button

② Touch screen display

⚠ WARNING

- **Failure to follow the warnings and instructions for the proper use of the Intelligent Around View Monitor system could result in serious injury or death.**
- **The Intelligent Around View Monitor is a convenience feature and is not a substitute for proper vehicle operation because it has areas where objects cannot be viewed. The four corners of the vehicle in particular, are areas where objects do not always appear in the bird's-eye, front, or rear views. Always check your surroundings to be sure that it is safe to move before operating the vehicle. Always operate the vehicle slowly.**
- **The driver is always responsible for safety during parking and other manoeuvres.**

CAUTION

Do not scratch the lens when cleaning dirt or snow from the front of the camera.

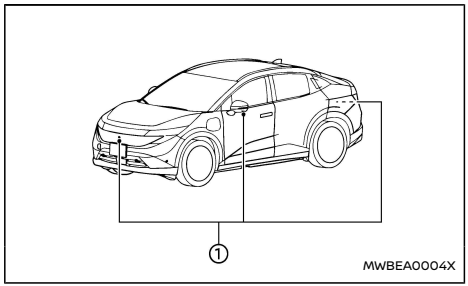
The Intelligent Around View Monitor system is designed as an aid to the driver in situations such as slot parking or parallel parking.

The monitor displays various views of the position of the vehicle in a split screen format. Not all views are available at all times.

Available views:

- Front view
  A view of the front of the vehicle
- Rear view
  A view of the rear of the vehicle
- Bird's-eye view
  The surrounding view of the vehicle from above
- Front-side view
  The view around and ahead of the front passenger's side wheel
- Front-wide view
  A wider area view of the front view
- Rear-wide view
  A wider area view of the rear view

- 3D view
  A 360-degree view around the vehicle
- Invisible Hood View
  A view of the front of the vehicle with the transparent motor compartment bonnet



To display the multiple views, the Intelligent Around View Monitor system uses cameras ① located on the front grille, on the vehicle's outside mirrors and one just above the vehicle's rear number plate.

INTELLIGENT AROUND VIEW MONITOR SYSTEM OPERATION

When the power switch is placed in the ON position, push the <CAMERA ☀/☽> button on the instrument panel or push the shift button R to the R (Reverse) position to operate the Intelligent Around View Monitor.

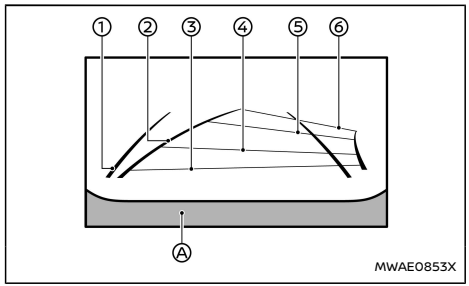
The screen displayed on the Intelligent Around View Monitor will automatically return to the previous screen 3 minutes after the <CAMERA ☀/☽> button has been pushed with the transmission being in a position other than the R (Reverse).

Available views

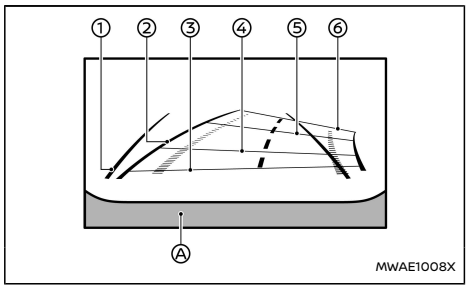
⚠ WARNING

- **The distance guide lines and the vehicle width guide lines should be used as a reference only when the vehicle is on a paved, level surface. The apparent distance viewed on the monitor may be different than the actual distance between the vehicle and displayed objects.**
- **Use the displayed lines and the bird's-eye view as a reference. The lines and the bird's-eye view are greatly affected by the number of occupants, vehicle position, road condition and road grade.**
- **If the tyres are replaced with different sized tyres, the predictive course lines and the bird's-eye view may be displayed incorrectly.**
- **When driving the vehicle up a hill, objects viewed in the monitor are farther than they appear. When driving the vehicle down a hill, objects viewed in the monitor are closer than they appear.**
- **Objects in the rear view will appear visually opposite compared to when viewed in the rearview and outside mirrors.**
- **Use the mirrors or actually look to properly judge distances to other objects.**
- **The distance between objects viewed in the rear view differs from actual distance because a wide-angle lens is used.**
- **On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.**
- **The vehicle width and predictive course lines are wider than the actual width and course.**

Front and rear view:



Front view



Rear view

Guiding lines that indicate the approximate vehicle width and distances to objects with reference to the vehicle body line Ⓐ , are displayed on the monitor.

Vehicle width guide lines ① :

Indicate the vehicle width.

Predictive course lines ② :

Indicate the predictive course when operating the vehicle. The predictive course lines will move depending on how much the steering wheel is turned.

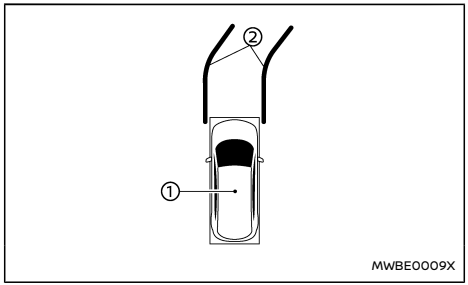
Distance guide lines:

Indicate distances from the vehicle body.

- Red line ③ : approximately 0.5 m (1.5 ft)
- Blue line ④ : approximately 1 m (3 ft)
- Blue line ⑤ : approximately 2 m (7 ft)
- Blue line ⑥: approximately 3 m (10 ft)

The front view will not be displayed when the vehicle speed is above 20km/h (12 MPH).

Bird's-eye view:



The bird's-eye view shows the overhead view of the vehicle which helps confirm the vehicle position and the predictive course to a parking space.

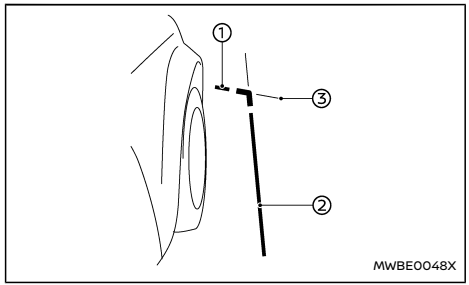
The vehicle icon ① shows the position of the vehicle. Note that the distance between objects viewed in the bird's-eye view differs from the actual distance.

The predictive course lines ② indicate the predicted course when operating the vehicle.

⚠ WARNING

- **Objects in the bird's-eye view will appear farther than the actual distance.**
- **Tall objects, such as a kerb or vehicle, may be misaligned or not displayed at the seam of the views.**
- **Objects that are above the camera cannot be displayed.**
- **The view for the bird's-eye view may be misaligned when the camera position alters.**
- **A line on the ground may be misaligned and is not seen as being straight at the seam of the views. The misalignment will increase as the line proceeds away from the vehicle.**

Front-side view:



Guiding lines:

Guiding lines that indicate the approximate width and the front end of the vehicle are displayed on the monitor.

The front-of-vehicle line ① shows the front part of the vehicle.

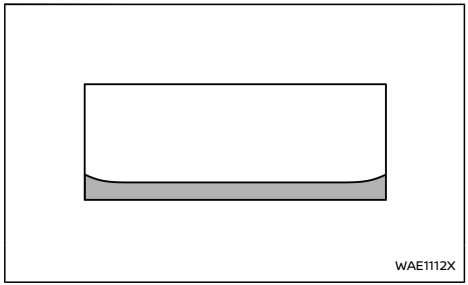
The side-of-vehicle line ② shows the vehicle width including the outside mirrors.

The extensions ③ of both the front ① and side ② lines are shown with a blue line.

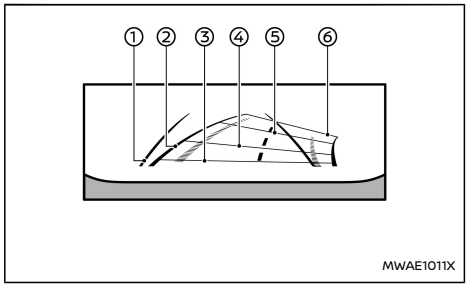
CAUTION

The turn signal light may look like the side-of-vehicle line. This is not a malfunction.

Front-wide/rear-wide view:



Front-wide view



Rear-wide view

While the front view/rear view shows a normal view on the split screens, the front-wide view/rear-wide view shows a wider area on the entire screen and allows checking of the blind corners on the right and left sides.

Vehicle width guide lines ① :

Indicate the approximate vehicle width.

Predictive course lines ② :

Indicate the predictive course when operating the vehicle. The predictive course lines will move depending on how much the steering wheel is turned.

Distance guide lines:

Indicate distances from the vehicle body.

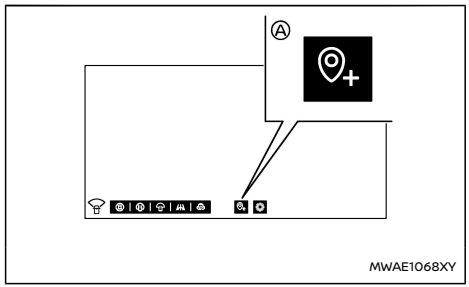
- Red line ③: approx. 0.5 m (1.5 ft)
- Blue line ④: approx. 1 m (3 ft)
- Blue line ⑤: approx. 2 m (7 ft)
- Blue line ⑥: approx. 3 m (10 ft)

The front-wide view will not be displayed when the vehicle speed is above 20km/h (12 MPH).

Saved Locations:

You can save the points where the front-wide view will automatically pop up when the vehicle is within approximately 30 meters (110 ft) of a saved location. This can be useful when the driver needs to check the blind corners at road junctions with poor visibility, for example.

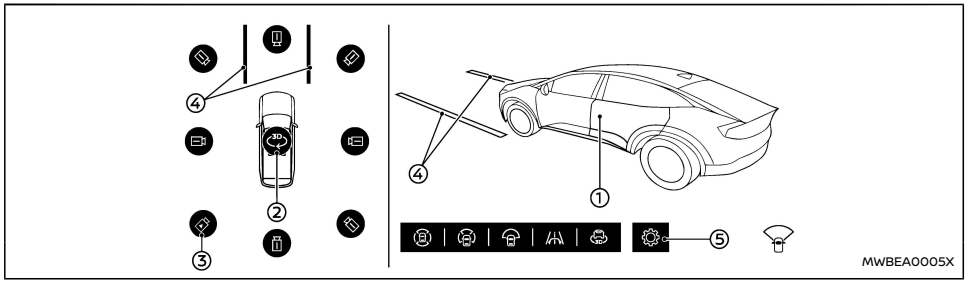
How to save the location:



When the camera screen is displayed, touch Ⓐ key.

See "Camera" (P.153).

3D view



The 3D view shows the 360-degree view around the vehicle which helps confirm the vehicle position and the predictive course to a parking space. The 3D view is not available when R (Reverse) is selected.

The vehicle image ① rotates when touching the rotation icon ②. When touching the rotation icon, the vehicle image and the surrounding area image will pop up and turn 360° to check the vehicle surroundings.

The vehicle image can can also be rotated by swiping the vehicle image itself.

8 different camera directions can be selected by touching the camera position icon ③.

The predictive course lines ④ indicate the predicted course when operating the vehicle.

⚠ WARNING

- **The distance between objects viewed in the view differs from the actual distance.**
- **There are some areas where the system will not show objects. See "Intelligent Around View Monitor system limitations" (P.237) for more details.**

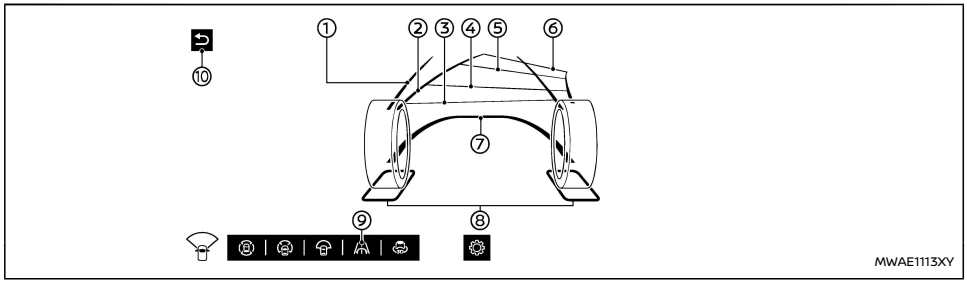
Automatic 360° Moving:

When you push the <CAMERA/☀/☽> button at the first time after the power switch has been placed in the ON position, the vehicle image and the surrounding area image will pop up and turn 360° automatically [Automatic 360° Moving] to check the vehicle surroundings.

How to switch ON/OFF the Automatic 360° Moving feature

When the camera screen is displayed, touch ⑤ to open the [Settings] menu, then select [Automatic 360° Moving] and enable or disable this feature.

Invisible Hood View



Example

The Invisible Hood View allows user to see the road surface underneath the virtually transparent vehicle body. This may be useful for aligning the front wheels with the rails of the automatic car wash, or help to avoid hitting the side of the vehicle against curbs when operating at low speeds, for example.

NOTE:

The image of the road surface under the body is a composite from the front camera images, and does not actually show the road surface under the vehicle body.

Vehicle width guide lines ①:

Indicate the approximate vehicle width.

Predictive course lines ②:

Indicate the predictive course when reversing the vehicle. The predictive course lines will be displayed on the monitor when the vehicle is in R (Reverse) position and if the steering wheel is turned. The predictive course lines will move depending on how much the steering wheel is turned and will not be displayed while the steering wheel is in the straight ahead position.

Distance guide lines:

Indicate distances from the vehicle body.

- Red line ③: approximately 0.5 m (1.5 ft)
- Blue line ④: approximately 1 m (3 ft)
- Blue line ⑤: approximately 2 m (7 ft)
- Blue line ⑥: approximately 3 m (10 ft)

The Invisible Hood View will not be displayed when the vehicle speed is above 12 MPH (20 km/h).

Vehicle outline ⑦ :

Indicates the vehicle outline of the front area.

Wheel area lines ⑧:

Indicate the wheel outlines of the front wheels.

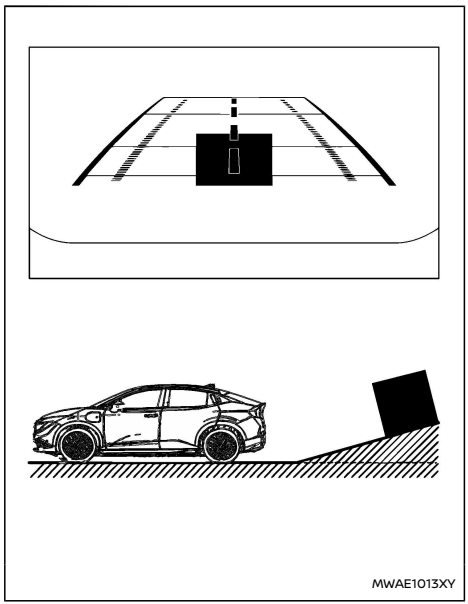
How to ON/OFF the Invisible Hood View:

When the camera screen is displayed, touch ⑨ icon to activate the Invisible Hood View. To deactivate the Invisible Hood View, select other camera view or touch the return key ⑩.

DIFFERENCE BETWEEN PREDICTIVE AND ACTUAL DISTANCES

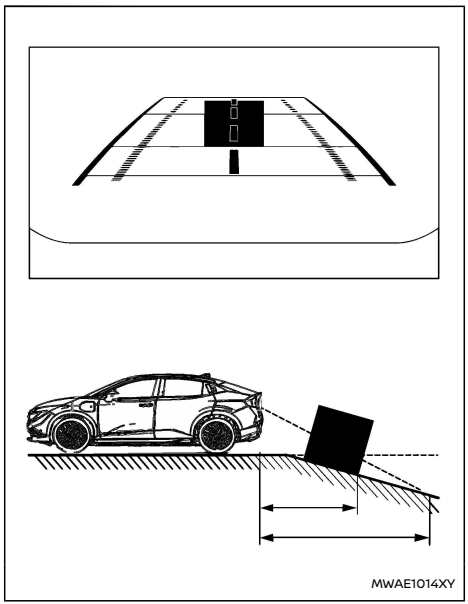
The displayed guide lines and their locations on the ground are for approximate reference only. Objects on uphill or downhill surfaces or projecting objects will be actually located at distances different from those displayed in the monitor relative to the guide lines (refer to illustrations). When in doubt, turn around and view the objects as you are reversing, or park and exit the vehicle to view the positioning of objects behind the vehicle.

Reversing on a steep uphill



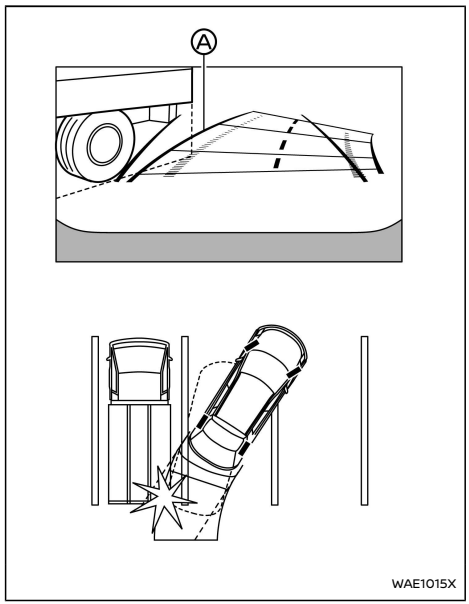
When reversing the vehicle up a hill, the distance guide lines and the vehicle width guide lines are shown closer than the actual distance. Note that any object on the hill is farther than it appears on the monitor.

Reversing on a steep downhill



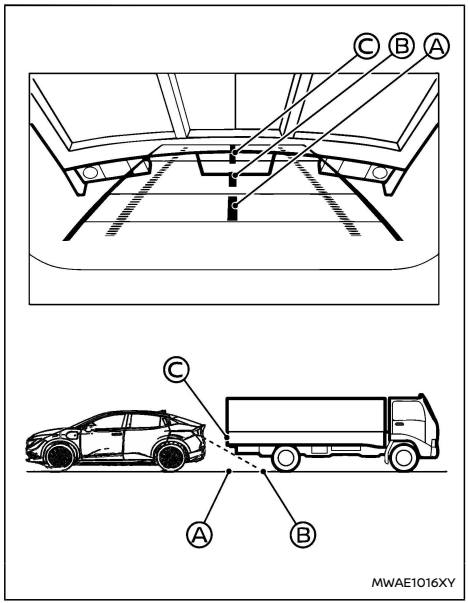
When reversing the vehicle down a hill, the distance guide lines and the vehicle width guide lines are shown farther than the actual distance. Note that any object on the hill is closer than it appears on the monitor.

Reversing near a projecting object



The predictive course lines Ⓐ do not touch the object in the display. However, the vehicle may hit the object if it projects over the actual reversing course.

Reversing behind a projecting object

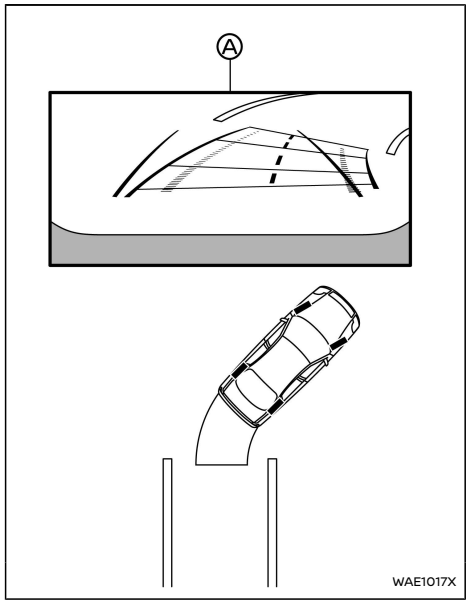


The position Ⓒ is shown farther than the position Ⓑ in the display. However, the position Ⓒ is actually at the same distance as the position Ⓐ. The vehicle may hit the object when reversing to the position Ⓐ if the object projects over the actual moving course.

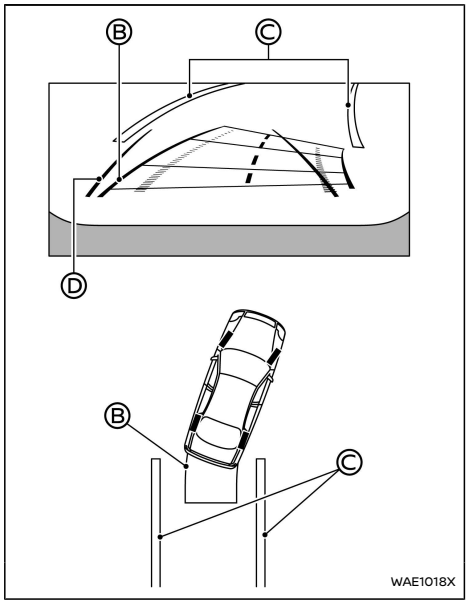
HOW TO PARK WITH PREDICTIVE COURSE LINES

⚠ WARNING

- **If the tyres are replaced with different sized tyres, the predictive course lines may be displayed incorrectly.**
- **On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.**
- **If the 12-volt battery is disconnected or becomes discharged, the predictive course lines may be displayed incorrectly. If this occurs, please perform the following procedures:**
  - **— Turn the steering wheel from lock to lock while the READY to drive indicator light is ON.**
  - **— Drive the vehicle on a straight road for more than 5 minutes.**
- **When the steering wheel is turned with the power switch in the ON position, the predictive course lines may be displayed incorrectly.**



1. Visually check that the parking space is safe before parking your vehicle.
2. The rear view of the vehicle is displayed on the screen Ⓐ when the shift button R is pushed to the R (Reverse) position.



3. Slowly reverse the vehicle adjusting the steering wheel so that the predictive course lines Ⓑ enter the parking space Ⓒ .
4. Manoeuvre the steering wheel to make the vehicle width guide lines Ⓓ parallel to the parking space Ⓒ while referring to the predictive course lines.
5. When the vehicle is parked in the space completely, place the shift position in the P (Park) position and apply the parking brake.

HOW TO SWITCH THE DISPLAY

With the power switch placed in the ON position, push the <CAMERA/☀/☽> button or shift the transmission to the R (Reverse) position to operate the Intelligent Around View Monitor.

The Intelligent Around View Monitor displays different split screen views depending on the position of the transmission. Push the <CAMERA/☀/☽> button to switch between the available views.

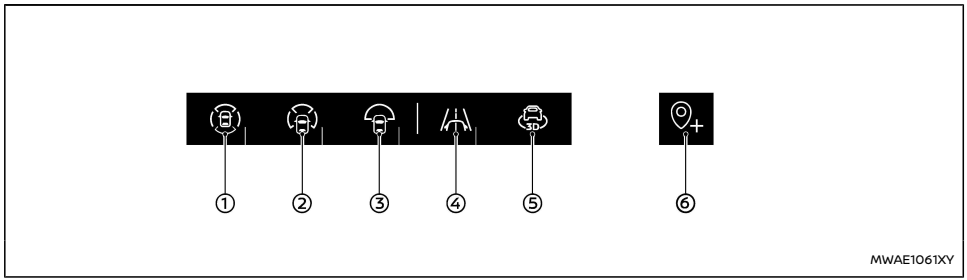
If the transmission is in the R (Reverse) position, the available views are:

- Rear view/bird's-eye view split screen
- Rear view/front-side view split screen
- Rear-wide view

3D view is not available in the R (Reverse) position.

If the transmission is out of the R (Reverse) position, the available views are:

- Front view/bird's-eye view split screen
- Front view/front-side view split screen
- Front-wide view
- Invisible Hood View
- 3D view (touch the screen icon)



Screen icons (example)

① Bird's-eye view (with front or rear view)

② Front side view* (with front or rear view)

③ Wide view*

④ Invisible Hood View

⑤ 3D view (3D view is not available in the R (Reverse) position)

⑥ Saved Locations (for front-wide view pop-up)

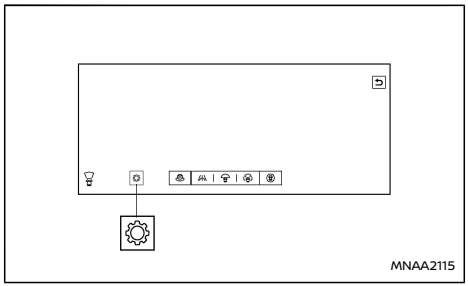
The display will switch from the Intelligent Around View Monitor screen when:

- The transmission is in the D (Drive) position and the vehicle speed increases above approximately 20 km/h (12 MPH).
- A different screen is selected.
- 3 minutes have passed without doing any operation.

[SETTINGS] MENU

Some vehicle equipment/features can be operated and/or modified using the touch screen display. See the separate NissanConnect Owner's Manual (where fitted) for basic usage details for the touch screen display.

How to adjust Settings:



Example

1. Touch " ⚙ " on the IAVM touch screen display.
2. The Settings menu screen will be displayed.

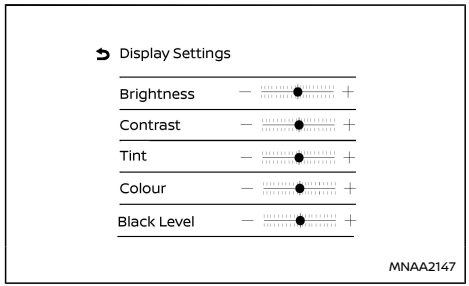
   Toch the item you wish to access or adjust.

   The following items are available (where fitted):
   - [Display settings]
   - [Saved Locations]
   - [My parking locations]
   - [Automatic 360° Moving]
   - [Vehicle Colour]

NOTE:

Do not adjust any of the settings while the vehicle is moving. Make sure that the parking brake is applied.

[Display Settings]



Example

1. Touch "⌂" key on the touch screen display.
2. Touch " ⚙ " key.
3. Touch the [Vehicle] and then [Camera] key.
4. Touch the [Display Settings] key.
5. Touch the [+] or [-] key of the desired item on the touch screen display. You can change the brightness, contrast, tint, colour, and black level.

NOTE:

Do not adjust the display settings of the Intelligent Around View Monitor while the vehicle is moving. Make sure the parking brake is firmly applied.

[Saved Locations] (where fitted)

You can save the points where the front-wide view will pop-up. This can be useful when the driver needs to check the blind corners at road junctions with poor visibility for example.

How to view the saved locations:

1. Touch " ⚙ " on the IAVM touch screen display.
2. Touch the [Saved Locations] key.
3. The list of locations will be displayed.

[My Parking Locations]

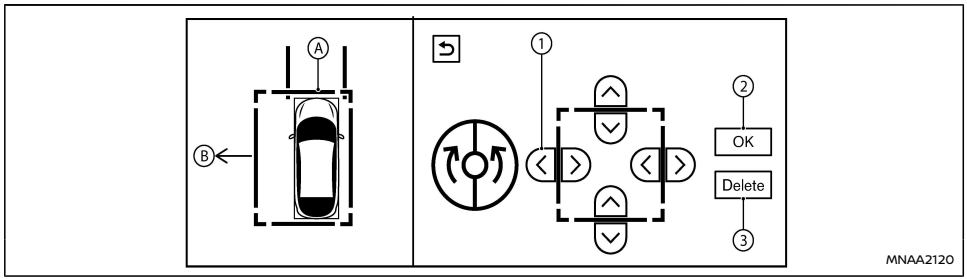
[My Parking Locations] allows the driver to ensure that there is enough space to open the door at your usual parking space, such as your home garage.

How to register the parking location:

After parking the vehicle in the correct parking position, perform the following procedures.

1. Push the <CAMERA/☀/☽> button.
2. Touch " ⚙ " on the IAVM touch screen display.
3. Touch the [My Parking Locations] key.
4. Touch your preferred parking location from the list, then touch [Register].

How to adjust the parking location:



Screen icons (example)

Touch the arrow keys displayed on the screen to adjust the parking space frame Ⓐ.

For example, touch key ① to expand parking space frame towards Ⓑ. When the adjustment has been completed, touch ② to register the parking space.

To clear the registered parking space frame, touch ③.

After the registration, the display view will switch and the parking guide will appear automatically when the vehicle approaches the registered parking space.

[Automatic 360° Moving] (where fitted)

When you push the <CAMERA/☀/🌙> button for the first time after the power switch has been placed in the ON position, the vehicle image and the surrounding area will pop up and turn 360° automatically to check the vehicle surroundings.

How to turn the [Automatic 360° Moving] feature ON/OFF:

1. Touch " ⚙ " on the IAVM touch screen display.
2. Touch the [Automatic 360° Moving] key to toggle between ON and OFF.

[Vehicle Colour]

The colour of the vehicle shown on the bird's-eye view and the 3D view can be changed. To change the colour, perform the following operation.

1. Touch " ⚙ " key on the touch screen display.
2. Touch the [Vehicle Colour] key.
3. Touch the desired colour.

Camera widgets

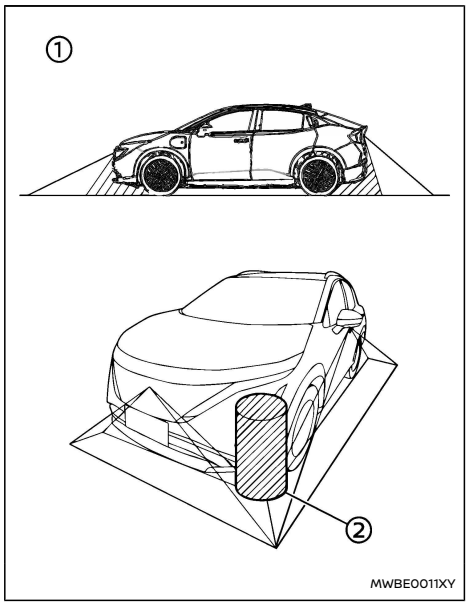
The camera-related widgets can be set on the home menu screen of the touch screen display. See the separate NissanConnect® Owner's Manual for more details about customising the home menu screen.

INTELLIGENT AROUND VIEW MONITOR SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for Intelligent Around View Monitor. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **Do not use the Intelligent Around View Monitor with the outside mirrors in the stored position, and make sure that the tailgate is securely closed when operating the vehicle using the Intelligent Around View Monitor.**
- **The apparent distance between objects viewed on the Intelligent Around View Monitor differs from the actual distance.**
- **The cameras are installed on the front grille, the outside mirrors and above the rear number plate. Do not put anything on the cameras.**
- **When washing the vehicle with high pressure water, be sure not to spray it around the cameras. Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.**
- **Do not strike the cameras. They are precision instruments. Doing so could cause a malfunction or cause damage resulting in a fire or an electric shock.**

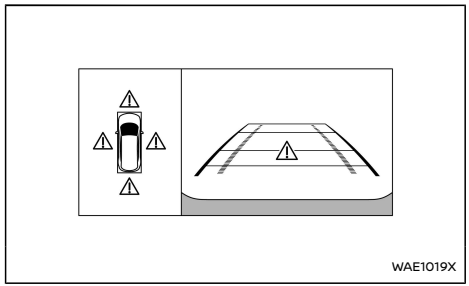


There are some areas where the system will not show objects and the system does not warn of moving objects. When in the front or the rear view display, an object below the bumper or on the ground may not be viewed ①. When in the bird's-eye view, a tall object near the seam ② of the camera viewing areas will not appear in the monitor.

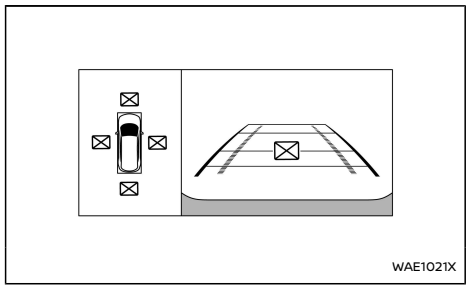
The following are operating limitations and do not represent a system malfunction:

- There may be a delay when switching between views.
- When the temperature is extremely high or low, the screen may not display objects clearly.
- When strong light directly shines on the camera, objects may not be displayed clearly.
- The screen may flicker under fluorescent light.
- The colours of objects on the Intelligent Around View Monitor may differ somewhat from the actual colour of objects.
- Objects on the Intelligent Around View Monitor may not be clear and the colour of the object may differ in a dark environment.
- There may be differences in sharpness between each camera view of the bird's-eye view.
- Do not use wax on the camera lens. Wipe off any wax with a clean cloth that has been dampened with a diluted mild cleaning agent, then wipe with a dry cloth.

System temporarily unavailable



When the " ⚠ " icon is displayed on the screen, there will be abnormal conditions in the Intelligent Around View Monitor. This will not hinder normal driving operation but the system should be inspected. It is recommended you visit a NISSAN certified electric vehicle dealer.

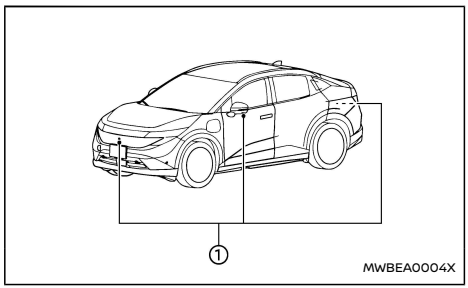


When the " ⊠ " icon is displayed on the screen, the camera image may be receiving temporary electronic disturbances from surrounding devices. This will not hinder normal driving operation but the system should be inspected. It is recommended you visit a NISSAN certified electric vehicle dealer.

The screen layout in the illustration is for the Left-Hand Drive (LHD) model.

For the Right-Hand Drive (RHD) model, the screen layout will be opposite.

SYSTEM MAINTENANCE

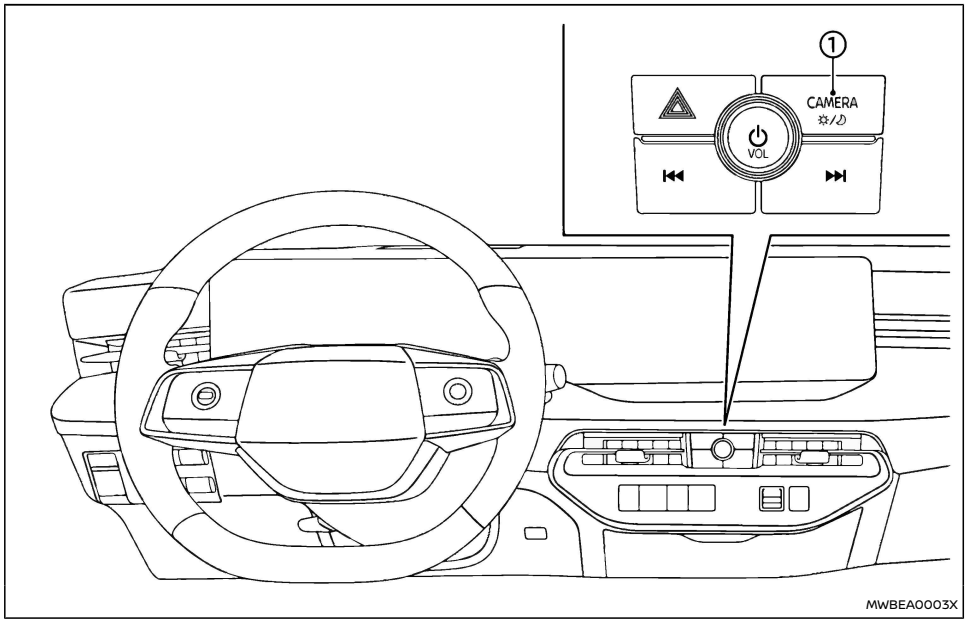


CAUTION

- **Do not use alcohol, benzine or thinner to clean the camera. This will cause discoloration.**
- **Do not damage the camera as the monitor screen may be adversely affected.**

If dirt, rain or snow accumulates on any of the cameras ①, the Intelligent Around View Monitor may not display objects clearly. Clean the camera by wiping with a cloth dampened with a diluted mild cleaning agent and then wiping with a dry cloth.

MOVING OBJECT DETECTION (MOD) (where fitted)



1. <CAMERA/☀/☽> button

⚠ WARNING

- **Failure to follow the warnings and instructions for proper use of the Moving Object Detection system could result in serious injury or death.**
- **The MOD system is not a substitute for proper vehicle operation and is not designed to prevent contact with objects surrounding the vehicle. When manoeuvring, always use the outside mirror and rearview mirror and turn and check the surroundings to ensure it is safe to manoeuvre.**
- **The system is deactivated at speeds above 8km/h (5 MPH). It is reactivated at lower speeds.**
- **The MOD system is not designed to detect the surrounding stationary objects.**

The MOD system can inform the driver of moving objects near the vehicle when driving out of garages, manoeuvring in parking lots and in other such instances.

The MOD system detects moving objects by using image processing technology on the image shown in the display.

MOD SYSTEM OPERATION

The MOD system will turn on automatically under the following conditions:

- When the transmission is in the R (Reverse) position.
- When the <CAMERA/☀/☽> button is pushed to activate the Intelligent Around View Monitor system on the display.
- When vehicle speed decreases below approximately 8 km/h (5 MPH).

The MOD system operates in the following conditions when the camera view is displayed:

- When the transmission is in the P (Park) or N (Neutral) position and the vehicle is stopped, the MOD system detects the moving objects in the bird's-eye view. The MOD system will not operate if either door is opened. If outside mirrors are folded, MOD may not operate properly however it retains the ability to display the side view.

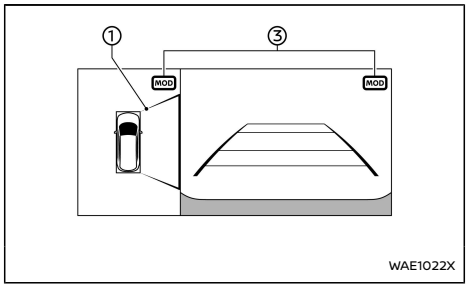
- When the transmission is in the D (Drive) position, and the vehicle speed is below approximately 8 km/h (5 MPH), the MOD system detects moving objects in the front view or front-wide view.
- When the transmission is in the R (Reverse) position and the vehicle speed is below approximately 8 km/h (5 MPH), the MOD system detects moving objects in the rear view or rear-wide view. The MOD system will not operate if the tailgate is open.

The MOD system does not detect moving objects in the front-side view. The MOD icon is not displayed on the screen when in this view.

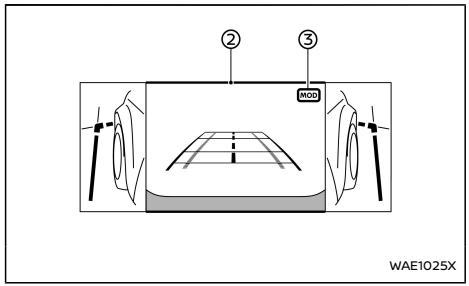
When the MOD system detects a moving object near the vehicle, the yellow frame will be displayed on the view where the object is detected and a chime will sound once. While the MOD system continues to detect moving objects, the yellow frame continues to be displayed.

NOTE:

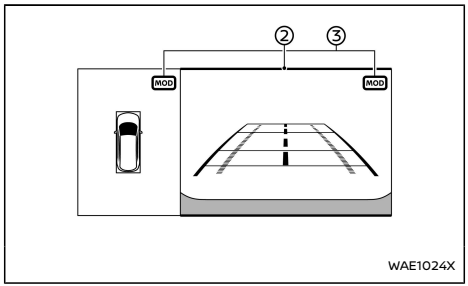
While the RCTA chime is beeping, the MOD system does not chime.



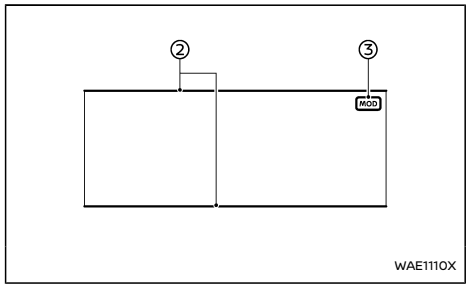
Front and bird's-eye views



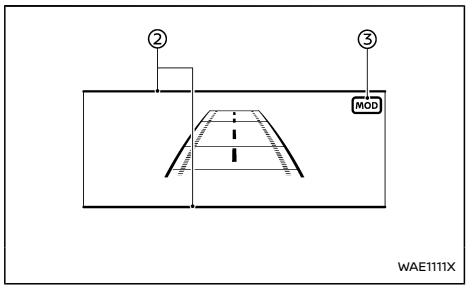
Rear and front-side views



Rear and bird's-eye views



Front-wide view



Rear-wide view

The screen layout in the illustration is for the Left-Hand Drive (LHD) model.

For the Right-Hand Drive (RHD) model, the screen layout will be opposite.

In the bird's-eye view, the yellow frame ① is displayed on each camera image (front, rear, right, left) depending on where moving objects are detected.

The yellow lines ② are displayed on the front view, rear view, front-wide view and rear-wide view.

A green MOD icon ③ is displayed in the view where the MOD system is operative. A grey MOD icon ③ is displayed in the view where the MOD system is not operative.

If the outside mirrors are folded a red frame around the MOD icon ③ is displayed.

If the MOD system is turned off, the MOD icon ③ is not displayed.

TURNING MOD ON AND OFF

The MOD system can be turned on and off using the vehicle information display. (See "[Driver Assistance]" (P.129).)

MOD SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for MOD. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **Excessive noise (for example, audio system volume or open vehicle window) will interfere with the chime sound, and it may not be heard.**
- **The MOD system performance will be limited according to environmental conditions and surrounding objects such as:**
  - **— When there is low contrast between background and the moving objects.**
  - **— When there is blinking source of light.**
  - **— When strong light such as another vehicle's headlight or sunlight is present.**
  - **— When camera orientation is not in its usual position, such as when the outside mirror is folded.**
  - **— When there is dirt, water drops or snow on the camera lens.**
  - **— When the position of the moving objects in the display is not changed.**
- **The MOD system might detect flowing water droplets on the camera lens, white smoke from the muffler, moving shadows, etc.**
- **The MOD system may not function properly depending on the speed, direction, distance or shape of the moving objects.**
- **If your vehicle sustains damage to the parts where the camera is installed, leaving it misaligned or bent, the sensing zone may be altered and the MOD system may not detect objects properly.**
- **When the temperature is extremely high or low, the screen may not display objects clearly. This is not a malfunction.**

NOTE:

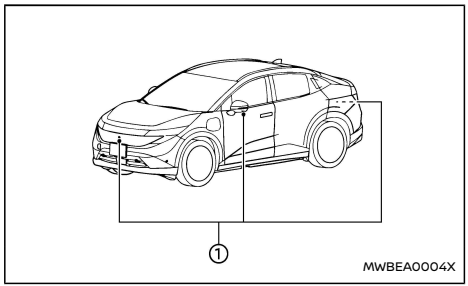
The green MOD icon will change to orange if one of the following has occurred.

- **When the system is malfunctioning.**
- **When the component temperature reaches a high level.**
- **When the rear view camera has detected a blockage.**

If the icon light continues to illuminate in orange, have the MOD system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

VENTS

SYSTEM MAINTENANCE

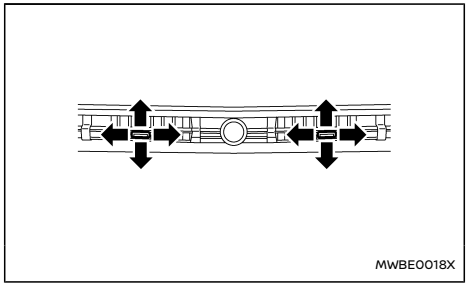


CAUTION

- **Do not use alcohol, benzine or thinner to clean the camera. This will cause discoloration.**
- **Do not damage the camera as the monitor screen may be adversely affected.**

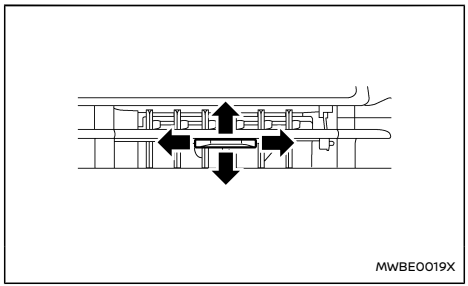
If dirt, rain or snow accumulates on any of the cameras ①, the MOD system may not operate properly. Clean the camera by wiping with a cloth dampened with a diluted mild cleaning agent and then wiping with a dry cloth.

CENTRE VENTS



Open or close the vents, and adjust the air flow direction of the vents by moving the centre knob as illustrated.

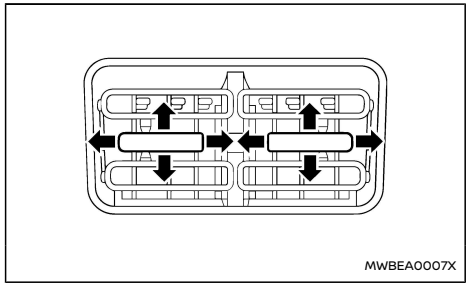
SIDE VENTS



Right side

Open or close the vents, and adjust the air flow direction of the vents by moving the centre knob as illustrated.

REAR VENTS (where fitted)



Open or close the vents, and adjust the air flow direction of the vents by moving the centre knob as illustrated.

HEATER AND AIR CONDITIONER

⚠ WARNING

- **The air conditioning cooling function operates only when the power switch is in the ON position or when the READY to drive indicator light is illuminated.**
- **Never leave children or adults who would normally require the support of others alone in the vehicle. Pets should not be left alone either. They could unknowingly activate switches or controls and inadvertently become involved in a serious accident and injure themselves. On hot, sunny days, temperatures in a closed vehicle could quickly become high enough to cause severe or possibly fatal injuries to people or animals.**
- **Do not use the recirculation mode for long periods as it may cause the interior air to become stale and the windows to fog up.**
- **Do not adjust the heating and air conditioning controls while driving so that full attention may be given to vehicle operation.**

NOTE:

- **Odours from inside and outside the vehicle can build up in the air conditioner unit. Odour can enter the passenger compartment through the vents.**
- **When parking, set the heater and air conditioner controls to turn off air recirculation to allow fresh air into the passenger compartment. This should help reduce odours inside the vehicle.**

The heater and air conditioner operate when the READY to drive indicator light is illuminated. However, while charging, the heater and air conditioner can be used when the power switch is in the ON position.

The fan, heater and air conditioning can be turned on automatically using the timer function.

These functions operate in the following conditions.

Power switch position	OFF	Auto ACC	ON	READY to drive
Fan	-	-	X	X
Heater and air conditioner	-	-	X	X
Timer ([Climate Schedule])	X	X	-	-

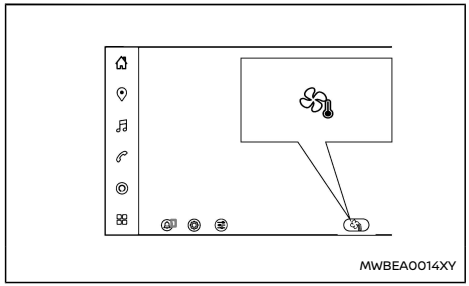
X: Available

NOTE:

- **A series of operation sounds may be heard immediately after heater and air conditioner system ON/OFF operation. This is not a malfunction.**
- **Condensation forms inside the heater and air conditioner system unit when the heater and air conditioner system is running, and is safely discharged underneath your vehicle. Traces of water on the ground are therefore normal.**
- **Compressor and motor fan may suddenly start to operate during charging operation. This is not a malfunction.**

AUTOMATIC AIR CONDITIONER

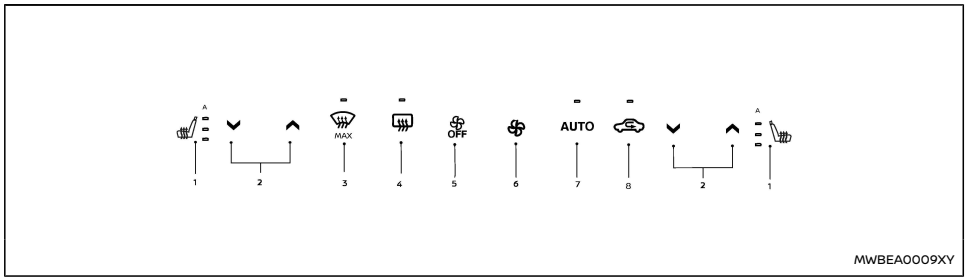
You can use either buttons on the instrument panel or keys on the climate control screen to control the automatic air conditioner.



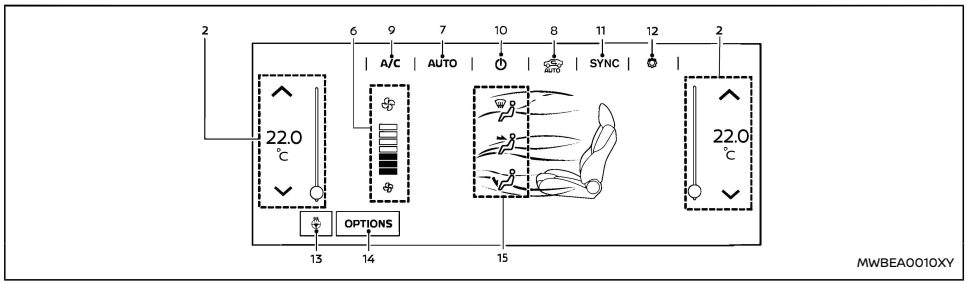
Example

To display the climate control screen, touch the "" key on the touch screen display.

You can also control some air conditioner settings by touching " " or " " key (where fitted) while displaying other than climate control screen.



Buttons in the instrument panel



Climate control screen

1. Heated seat button/Heated seat key (where fitted) (See 68.)
2. Temperature control button/temperature control key
3. (front defroster) button
4. (rear window defroster) button (See 161.)
5. Fan speed control button/OFF key
6. Fan speed control button/Fan speed control keys with indicator
7. <AUTO> (automatic) button in the instrument panel/[AUTO] (automatic) key in climate control screen
8. Air intake control button/key
9. [A/C] (air conditioner) key
10. ON·OFF key
11. [SYNC] (synchronise) key
12. Air conditioner settings key
13. Steering wheel heater key (where fitted)
14. [OPTIONS] key
15. Air flow control keysThe screen layout in the illustration is for the Left-Hand Drive (LHD) vehicle. For the Right-Hand Drive (RHD) model, [OPTIONS] key is located on the opposite side of the screen.

Automatic operation

Heating and dehumidified cooling (AUTO):

This mode may be used all year round as the system automatically works to keep a constant temperature. Air flow distribution, fan speed are also controlled automatically.

Depending on the settings, heated seats (where fitted), climate controlled seats (where fitted) and heated steering wheel (where fitted) can also be controlled. (See “Air conditioner settings” (P.247).)

1. Use the <AUTO> button or [AUTO] key to turn on the heater and air conditioner in automatic mode. (The colour of the button and key will turn orange.)
2. Adjust the temperature by using the temperature control button or key, or sliding bar on the corresponding side.

NOTE:

- **A visible mist may be seen coming from the vents in hot, humid conditions as the air is cooled rapidly. This does not indicate a malfunction.**
- **To save power, use the automatic mode or the ventilation mode. While the <AUTO> button and [AUTO] key turning orange, electric power consumption of the air conditioner system can have a better efficiency compared to the amount consumed with the <AUTO> button and [AUTO] key turning white. While ventilation mode is activated, outside air is drawn into the cabin using the fans with no heating or cooling applied. This significantly reduces energy consumption.**

Heating (A/C OFF):

The air conditioner does not activate in this mode. Use this mode when you only need to heat.

1. Use the <AUTO> button or [AUTO] key to turn on the heater and air conditioner in automatic mode. (Both button and key turn orange.)
2. Touch the [A/C] key. (The key turns white.)
3. Use the temperature control button or key on the corresponding side to set the desired temperature.

   The temperature of the passenger compartment will be maintained automatically. Air flow distribution and fan speed are also controlled automatically.

NOTE:

It is not recommended to use this mode if windows fog up.

Dehumidified defrosting or defogging:

1. Push the MAX button. (The button turns orange.)
2. Use the temperature control button or key on the corresponding side to set the desired temperature.
   - To quickly remove ice from the outside of the windows, push the MAX button and the fan speed will automatically go to maximum.
   - As soon as possible after the windscreen is clean, use the <AUTO> button or [AUTO] key to return to the automatic mode.
   - When the MAX button is pushed, the air conditioner will automatically be turned on at outside temperatures more than slightly above freezing. The air recirculation mode automatically turns off, allowing outside air to be drawn into the passenger compartment to further improve the defogging performance.

Manual operation

Fan speed control:

Use the fan speed control buttons or keys to manually control the fan speed.

Air intake control:

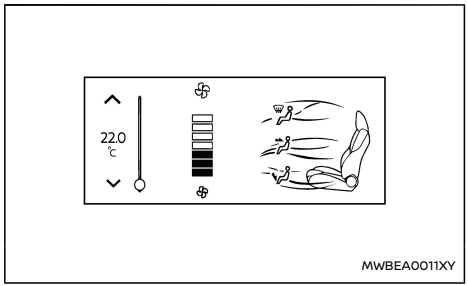
The air intake control mode will change each time the air intake control button or key is pushed or touched.

- When the air recirculates inside the vehicle, the colour of the air intake control button and key are orange.
- When the air flow is drawn from outside the vehicle, the colour of the air intake control button and key are white.
- When the "AUTO" icon is displayed in the climate control screen, the air intake will be controlled automatically.
- When the power switch is placed in the ON position, the air conditioning system may change to air recirculation mode automatically to increase cooling efficiency.

Air flow control:

Touching the air flow control key manually controls air flow and selects the air outlet:

- - Air flows mainly from the defroster
- - Air flows mainly from centre and side vents.
- - Air flows mainly from the foot outlet and partly from the defroster.



On the climate control screen, the status of air flow for each position can be checked.

You can turn on and off air flow individually by touching the desired position.

The intensity of the fans can be chosen by tapping on the fan control section of the display.

When adjusting the temperature, the colour on the airflow display will change depending on the temperature set.

Ventilation (A/C OFF):

While using the Air conditioner system, press the A/C button to turn off the Air conditioner system. This will be shown by the button turning white.

NOTE:

- **The ventilation mode requires a lower power consumption, so driving range will increase.**

To turn the system off

Press the ON·OFF key. The key turns white.

AIR CONDITIONER SETTINGS

Touch the " ⚙ " key on the climate control screen to change the air conditioner settings.

Available setting items may vary depending on models, specifications and software versions.

Available settings:

- **[Defrost Activates Front&Rear]**

  This feature turns the front and rear defroster on or off.

- **[Heated Steering Wheel Sensitivity] (where fitted)**

  The temperature control sensitivity level of the heated steering wheel for automatic control mode can be changed from 1 (low) to 5 (high).

  See "Heated steering wheel (where fitted)" (P.168).

  While the setting is "OFF', the function will not be activated when using the automatic air conditioner.

- **[Driver Seat Intensity] (where fitted)**

  The temperature control intensity level of the driver's side of the climate controlled seat (where fitted) or the heated seat (where fitted) for automatic control mode can be changed from 1 (low) to 3 (high).

  See and "Heated seats (where fitted)" (P.68).

  While the setting is "OFF', the function will not be activated when using the automatic air conditioner.

- **[Passenger Seat Intensity] (where fitted)**

  The temperature control intensity level of the passenger's side of the climate controlled seat (where fitted) or the heated seat (where fitted) for automatic control mode can be changed from 1 (low) to 3 (high). See "Heated seats (where fitted)" (P.68).

  While the setting is [OFF], the function will not be activated when using the automatic air conditioner.

- **[Climate Schedule]**

  The [Climate Schedule] will precondition the cabin based on your settings. It will automatically start so that the preconditioning is completed by the time you set. (See "[Climate Schedule]" (P.248))

ADJUSTING BUTTON SENSITIVITY

The sensitivity of the buttons on the instrument panel can be changed.

1. Start the EV system.
2. Push and hold the <AUTO> button for approximately 5 seconds within 15 seconds after the EV system starts. The air intake control, [AUTO], MAX, or button will blink in orange.

   The number of buttons blinking show the setting of sensitivity.

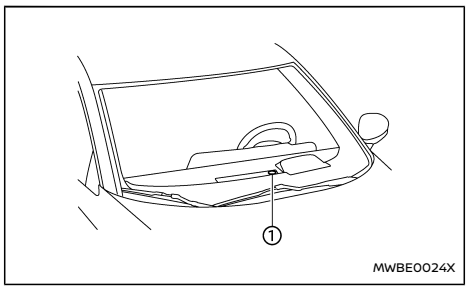
   - Four buttons are blinking: high -(high sensitivity)
   - One button is blinking: low - (low sensitivity)

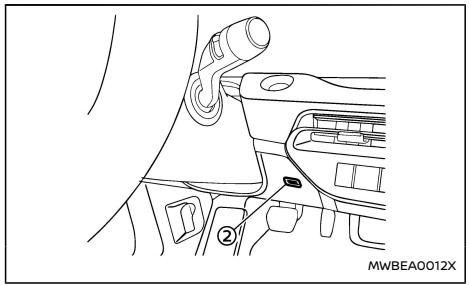
3. Push the driver's side temperature control button to adjust the sensitivity.
4. The sensitivity will be set 5 seconds after stopping using the buttons.

OPERATING TIPS

- Using the automatic mode will help reduce the power consumption of the air conditioner.
- When the <AUTO> button or key is used to turn on the automatic mode, the colour of the button and key will turn orange. The colour of the [A/C] key will also turn orange.
- When the fan speed control button or the air flow control keys are operated while [AUTO] mode is active, the [AUTO] mode of the air conditioning system will turn off.
- Power consumption of the heater and air conditioner system varies depending on the outside temperature and the temperature set for the heater and air conditioner system. Power consumption increases if the interior temperature is cooled down too much in summer or if it is warmed up too much in winter. This will result in a reduced driving range.
- The [Climate Schedule] or the remote climate control may still fog up windows depending on the set temperature or outside temperature.
- When the [Climate Schedule] or the remote climate control is operating, the seat heater and the steering wheel heater may turn on automatically.
- Even when the air conditioner is off, the air conditioner may turn on automatically to cool the Li-ion battery. In this case, a noise from compressor and cooling fan may be heard. This is not a malfunction.
- When the [Climate Schedule] or the remote climate control is operating, a noise from compressor and cooling fan may be heard. This is not a malfunction. When the temperature control system of the Li-ion battery uses power from the Li-ion battery, the air conditioner turns on automatically. This is not a malfunction.

Sensors:





The sensors ① and ② located on the instrument panel, help maintain a constant temperature. Do not put anything on or around the sensors.

The layout of the temperature sensor ② illustrated is for the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, the screen layout will be opposite.

[CLIMATE SCHEDULE]

This function pre-heats or pre-cools the passenger compartment of the vehicle to the temperature before driving. This helps reduce power consumption from the Li-ion battery while driving.

The [Climate Schedule] operates the heater and air conditioner system using power from the charger or the Li-ion battery.

The [Climate Schedule] function allows three timer settings.

The system will continue to follow set A/C procedures until the system is turned off.

The [Climate Schedule] function will not operate

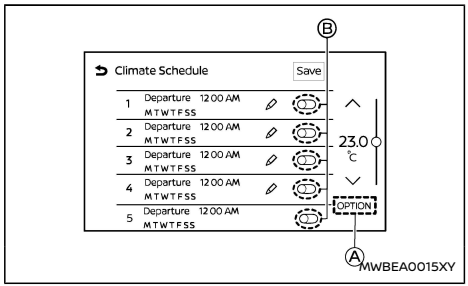
when the remaining capacity of the Li-ion battery is low.

⚠ WARNING

Even if the [Climate Schedule] is set, the temperature in the passenger compartment may become high or low if the system automatically stops. Do not leave children or adults who would normally require the support of others alone in your vehicle. Pets should not be left alone either. In both hot and cold exterior temperatures, an areas with high sun exposure, the temperature can quickly increase and decrease to levels which may cause severe injury or even death.

How to set Climate Schedule

The [Climate Schedule] settings can be changed with the touch screen display.



Example

1. Touch the "⌂" key on the touch screen display.
2. Touch the [All Apps] key and then touch [EV] key.
3. Touch the [Climate Schedule] key. [Climate Schedule] screen is displayed.

   You can also set the climate schedule through the settings in the A/C tab.

   Available setting items:

   - Temperature

     Touch the ∧ ∨ key to adjust the temperature.

   - Timer settings

     Touch Ⓑ to turn on/off the timer. The indicator light will turn on when the timer setting is turned on.

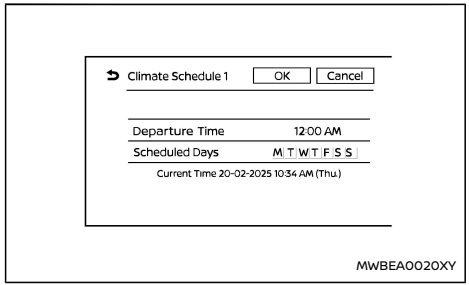
   - "✎" key

     Touch to display the [Climate Schedule] setting screen. Set preferred time and day of the week for [Climate Schedule] activation.

4. After completing the settings, place the power switch in the OFF position, and then connect the charge connector to the vehicle.

Touch [OPTION] Ⓐ to turn the [ECO Climate schedule] on/off. When this setting is on, only the heated steering wheel (where fitted) and heated seats (where fitted) will be used with the [Climate Schedule]. This allows less battery consumption for climate schedules.

[Climate Schedule] setting screen:



Example

1. Touch [Departure Time] key to set the departure time.
2. Touch [Scheduled Days] key and select the days of the week you wish to activate the [Climate Schedule].

To save the settings, touch the [OK] key.

NOTE:

The [Climate Schedule] operates repeatedly once it is turned on.

Operating tips for using [Climate Schedule]:

- The [Climate Schedule] will only start when the power switch is in the OFF or Auto ACC position.
- To turn off the [Climate Schedule] function, touch Ⓑ key to turn the indicator light off. The start and stop time settings will not be deleted even if the [Climate Schedule] function is turned off.

- If the [Climate Schedule] starts operating while the vehicle is being charged, the time required for charging will be longer.
- Operating the [Climate Schedule] in an environment where the temperature is low may decrease the rate of battery charge.
- Timer setting can also be changed while the [Climate Schedule] is operated. When the power switch is in the OFF position, the heater and air conditioner system starts or enters waiting mode depending on the new timer settings.
- When the difference in temperature between the [Climate Schedule] setting temperature and the temperature outside the vehicle is large, the temperature inside the vehicle may not be maintained at the setting temperature.
- The temperature in the passenger compartment may not be comfortable if entering the vehicle too soon before or too long after the scheduled time of departure.
- The heater and air conditioner system operation is limited to the capacity of the electric power when the charge connector is connected to the vehicle. Therefore, the temperature may not reach the set temperature due to limitations in heater and air conditioner system performance, if ambient temperature is excessively high or low.
- The [Climate Schedule] operates the heater and air conditioner system function so that a comfortable temperature is provided in the passenger compartment at the scheduled time of departure. The heater and air conditioner system is set to stop at the scheduled time of departure.
- Depending on the facilities of charging station, there may be time when it is not available for charging. Confirm the availability of the charging facility before setting the [Climate Schedule]. Be sure that the power switch of the charger is turned on when setting the [Climate Schedule].
- When the power switch is placed in the OFF position after changing the setting, the new setting will be applied.

SERVICING AIR CONDITIONER

⚠ WARNING

The air conditioner system contains refrigerant under high pressure. To avoid personal injury, any air conditioner service should be done only by an experienced technician with the proper equipment.

The air conditioner system in your vehicle is charged with a refrigerant designed with the environment in mind.

This refrigerant contains fluorinated greenhouse gases (GWP 0.501). It will not harm the earth's ozone layer. However, it may contribute in a small part to global warming.

Special charging equipment and lubricant are required when servicing your vehicle's air conditioner. Using improper refrigerants or lubricants will cause severe damage to the air conditioner system. (See "Air conditioner system refrigerant and lubricant" (P.463).)

A NISSAN certified electric vehicle dealer will be able to service your environmentally friendly air conditioner system.

Air conditioner filter

The air conditioner filter system is equipped with an air conditioner filter. To make sure the air conditioner heats, defogs, and ventilates efficiently, replace the filter according to the specified maintenance intervals listed in a separate maintenance booklet. It is recommended to visit a NISSAN certified electric vehicle dealer to replace the filter.

The filter should be replaced if the air flow decreases significantly or if windows fog up easily when operating the heater or air conditioner.

RADIO ANTENNA

The antenna is located on the rear part of the vehicle roof. (See "Exterior rear" (P.4))

CAUTION

- **A build up of ice on the antenna can affect radio performance. Remove the ice to restore radio reception.**
- **When removing snow from the roof, do not apply strong force to the antenna. That may cause broken antenna and roof panel dent.**
- **When using a high pressure car wash, keep the high pressure nozzle away from the antenna. The seal may be deformed or damaged.**
- **The radio performance may be affected if cargo carried on the roof blocks the radio signal. If possible, do not put cargo near the antenna.**

MEMO

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⚠ WARNING

- **Do not leave children or adults who would normally require the support of others alone in your vehicle. Pets should not be left alone either. They could accidentally injure themselves or others through inadvertent operation of the vehicle. Also, on hot, sunny days, temperatures in a closed vehicle could quickly become high enough to cause severe or possibly fatal injuries to people or animals.**
- **Properly secure all cargo with ropes or straps to help prevent it from sliding or shifting. Do not place cargo higher than the seatbacks. In a sudden stop or collision, unsecured cargo could cause personal injury.**

TYRE PRESSURE MONITORING SYSTEM (TPMS)

Each tyre, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tyre inflation pressure label. (If your vehicle has tyres of a different size than the size indicated on the vehicle placard or tyre inflation pressure label, you should determine the proper tyre inflation pressure for those tyres.)

As an added safety feature, your vehicle has been equipped with a Tyre Pressure Monitoring System (TPMS) that illuminates a low pressure warning when one or more of your tyres is significantly under-inflated. Accordingly, when the low tyre pressure warning illuminates, you should stop and check your tyres as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tyre causes the tyre to overheat and can lead to tyre failure. Under-inflation also reduces energy efficiency and tyre tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tyre maintenance, and it is the driver's responsibility to maintain correct tyre pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low pressure warning.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tyre pressure warning. When the system detects a malfunction, the warning will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tyre pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction warning after replacing one or more tyres or wheels on your vehicle to ensure that the replacement or alternate tyres and wheels allow the TPMS to continue to function properly.

Additional information

- The TPMS will activate only when the vehicle is driven at speeds above 25 km/h (16 MPH). Also, this system may not detect a sudden drop in tyre pressure (for example a flat tyre while driving).
- The low tyre pressure warning light does not automatically turn off when the tyre pressure is adjusted. After the tyre is inflated to the recommended pressure, reset the tyre pressures registered in your vehicle and then drive the vehicle at speeds above 25 km/h (16 MPH) to activate the TPMS and turn off the low tyre pressure warning light. Use a tyre pressure gauge to check the tyre pressure.
- The [Low Tyre Pressure] warning appears in the vehicle information display when the low tyre pressure warning light is illuminated and low tyre pressure is detected. The [Low Tyre Pressure] warning turns off when the low tyre pressure warning light turns off.

  The [Low Tyre Pressure] warning does not appear if the low tyre pressure warning light illuminates to indicate a TPMS malfunction.
- Tyre pressure rises and falls depending on the heat caused by the vehicle's operation and the outside temperature. Do not reduce the tyre pressure after driving because the tyre pressure rises after driving. Low outside temperature can lower the temperature of the air inside the tyre which can cause a lower tyre inflation pressure. This may cause the low tyre pressure warning light to illuminate. If the warning light illuminates in low ambient tem-

perature, check the tyre pressure for all four tyres.

- Depending on a change in the outside temperature, the low tyre pressure warning light may illuminate even if the tyre pressure has been adjusted properly. Adjust the tyre pressure to the recommended COLD tyre pressure again when the tyres are cold, and reset the TPMS.
- You can also check the tyre pressure of all tyres in the vehicle information display. (See "Trip computer" (P.148).)

For additional information, see "Low tyre pressure warning light" (P.121) and "Tyre Pressure Monitoring System (TPMS)" (P.417).

⚠ WARNING

- **Radio waves could adversely affect electric medical equipment. Those who use a pacemaker should contact the electric medical equipment manufacturer for the possible influences before use.**
- **If the low tyre pressure warning light illuminates while driving, avoid sudden steering manoeuvres or abrupt braking, reduce vehicle speed, pull off the road to a safe location and stop the vehicle as soon as possible. Driving with under-inflated tyres may permanently damage the tyres and increase the likelihood of tyre failure. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tyre pressure for all four tyres. Adjust the tyre pressure to the recommended COLD tyre pressure shown on the tyre placard to turn the low tyre pressure warning light OFF. If you have a flat tyre, repair it with an emergency tyre puncture repair kit as soon as possible. (See "Flat tyre" (P.417).)**
- **After adjusting the tyre pressure, be sure to reset the TPMS. Otherwise, the TPMS will not warn of low tyre pressure.**
- **Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.**
- **NISSAN recommends using only Genuine NISSAN Emergency Tyre Sealant provided with your vehicle. Other tyre sealants may damage the valve stem seal which can cause the tyre to lose air pressure. Visit a NISSAN certified electric vehicle dealer as soon as possible after using tyre repair sealant.**

CAUTION

- **The TPMS may not function properly when the wheels are equipped with tyre chains or the wheels are buried in snow.**
- **Do not place metalised film or any metal parts (antenna, etc.) on the windows. This may cause poor reception of the signals from the tyre pressure sensors, and the TPMS will not function properly.**
- **When inflating the tyres and checking the tyre pressure, never bend the valves.**
- **Use Genuine NISSAN valve caps that comply with the factory-fitted valve cap specifications.**
- **Do not use metal valve caps.**
- **Fit the valve caps properly. Without the valve caps the valve and tyre pressure monitor sensors could be damaged.**
- **Do not damage the valves and sensors when storing the wheels or fitting different tyres.**
- **Replace the TPMS sensor valve stem (including valve core and cap) and screw (where fitted) when the tyres are replaced due to wear or age. The screw (where fitted) must be fitted correctly with a torque setting of 1.4 ± 0.1 N·m. The TPMS sensors can be used again.**
- **Use caution when using tyre inflation equipment with a rigid air supply tube, as leverage applied by the long nozzle can damage the valve stem.**

Some devices and transmitters may temporarily interfere with the operation of the TPMS and cause the low tyre pressure warning light to illuminate. Some examples are:

- Facilities or electric devices using similar radio frequencies are near the vehicle.
- If a transmitter set to similar frequencies is being used in or near the vehicle.
- If a computer (or similar equipment) or a DC/AC converter is being used in or near the vehicle.

- If devices which transmit electrical noise are connected to the vehicle's 12V power supply.

Low tyre pressure warning light may illuminate in the following cases.

- If the vehicle is equipped with a wheel and tyre without TPMS.
- If the TPMS has been replaced and the ID has not been registered.
- If the wheel is not originally specified by NISSAN.

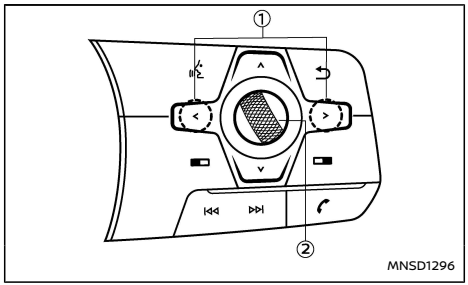
TPMS resetting

To keep the TPMS functioning properly, the reset operation must be performed in the following cases.

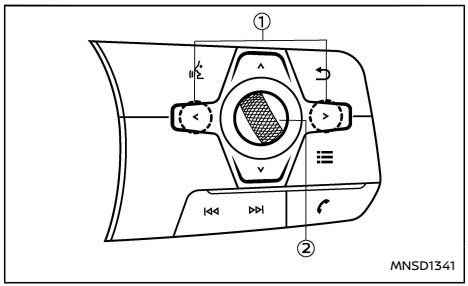
- when the tyre pressure is adjusted
- when a tyre or a wheel is replaced
- when the tyres are rotated

Perform the following procedures to reset the TPMS.

1. Park the vehicle in a safe and level place.
2. Apply the parking brake and push the park button P to engage the P (Park) position.
3. Adjust the tyre pressure on all four tyres to the recommended COLD tyre pressure shown on the tyre placard. Use a tyre pressure gauge to check the tyre pressure.
4. Place the power switch in the ON position.



Type A



Type B

5. Press the < > button ① until [Settings] appears.
6. Use the scroll dial ② until [Tyre Pressures] is selected, and press the scroll dial ②.
7. Use the scroll dial ② until [Calibrate] is selected, and press the scroll dial ②.
8. Use the scroll dial ② until [Yes] is selected, and press the scroll dial ② to reset the TPMS.
9. After resetting the TPMS, drive the vehicle for several minutes at speeds above 25 km/h (16 MPH).

If the low tyre pressure warning light illuminates after the resetting operation, it may indicate that the TPMS is not functioning properly. Have the system checked by a NISSAN certified electric vehicle dealer.

For information regarding the low tyre pressure warning light, see "Low tyre pressure warning light" (P.121).

AVOIDING COLLISION AND ROLLOVER

⚠ WARNING

Failure to operate this vehicle in a safe and prudent manner may result in loss of control or an accident.

Be alert and drive defensively at all times. Obey all traffic regulations. Avoid excessive speed, high speed cornering, or sudden steering manoeuvres, because these driving practices could cause you to lose control of your vehicle. **As with any vehicle, a loss of control could result in a collision with other vehicles or objects, or cause the vehicle to rollover, particularly if the loss of control causes the vehicle to slide sideways.** Be attentive at all times, and avoid driving when tired. Never drive when under the influence of alcohol or drugs (including prescription or over-the-counter drugs which may cause drowsiness). Always wear your seat belt as outlined in "Seat belts" (P.73) of this

manual, and also instruct your passengers to do so.

Seat belts help reduce the risk of injury in collisions and rollovers. **In a rollover crash, an unbelted or improperly belted person is significantly more likely to be injured or killed than a person properly wearing a seat belt.**

ON-PAVEMENT AND OFF-ROAD DRIVING PRECAUTIONS

As with other vehicles of this type, failure to operate this vehicle correctly may result in loss of control or vehicle rollover. Seat belts help reduce the risk of injury in collisions and rollovers. In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt.

Be sure to read "Driving safety precautions" (P.261).

OFF-ROAD RECOVERY

If the right side or left side wheels leave the road surface, maintain control of the vehicle by following the procedure below. Please note that this procedure is only a general guide. The vehicle must be driven as appropriate based on the conditions of the vehicle, road and traffic.

1. Remain calm and do not overreact.
2. Do not apply the brakes.
3. Maintain a firm grip on the steering wheel with both hands and try to hold a straight course.
4. When appropriate, slowly release the accelerator pedal to gradually slow the vehicle.
5. If there is nothing in the way, steer the vehicle to follow the road while the vehicle speed is reduced. Do not attempt to drive the vehicle back onto the road surface until vehicle speed is reduced.
6. When it is safe to do so, gradually turn the steering wheel until both tyres return to the road surface. When all tyres are on the road surface, steer the vehicle to stay in the appropriate driving lane.
   - If you decide that it is not safe to return the vehicle to the road surface based on vehicle, road or traffic conditions, gradually slow the vehicle to a stop in a safe place off the road.

RAPID TYRE PRESSURE LOSS

Rapid tyre pressure loss or a "blow-out" can occur if the tyre is punctured or is damaged due to hitting a kerb or pothole. Rapid tyre pressure loss can also be caused by driving on under-inflated tyres.

Rapid tyre pressure loss can affect the handling and stability of the vehicle, especially at highway speeds.

Help prevent rapid tyre pressure loss by maintaining the correct air pressure and visually inspect the tyres for wear and damage. See "Wheels and tyres" (P.451) of this manual.

If a tyre rapidly loses air pressure or "blows-out" while driving, maintain control of the vehicle by following the procedure below. Please note that this procedure is only a general guide. The vehicle must be driven as appropriate based on the conditions of the vehicle, road and traffic.

⚠ WARNING

The following actions can increase the chance of losing control of the vehicle if there is a sudden loss of tyre air pressure. Losing control of the vehicle may cause a collision and result in injury and/or death to yourself and/or others.

- **The vehicle generally moves or pulls in the direction of the flat tyre.**
- **Do not rapidly apply the brakes.**
- **Do not rapidly release the accelerator pedal.**
- **Do not rapidly turn the steering wheel.**

1. Remain calm and do not overreact.
2. Maintain a firm grip on the steering wheel with both hands and try to hold a straight course.
3. When appropriate, slowly release the accelerator pedal to gradually slow the vehicle.
4. Gradually steer the vehicle to a safe location off the road and away from traffic if possible.
5. Lightly apply the brake pedal to gradually stop the vehicle.
6. Turn on the hazard warning flashers and either contact a roadside emergency service to change the tyre or see "Repairing flat tyre" (P.418) of this Owner's Manual.

CONSUMPTION OF ALCOHOL/DRUGS AND DRIVING

⚠ WARNING

Never drive under the influence of alcohol or drugs. Alcohol in the bloodstream reduces coordination, delays reaction time and impairs judgement. Driving after drinking alcohol increases the likelihood of being involved in an accident injuring yourself and others. Additionally, if you are injured in an accident, alcohol can increase the severity of the injury.

NISSAN is committed to safe driving. However, you must choose not to drive under the influence of alcohol. Every year thousands of people are injured or killed in alcohol-related accidents. Although the local laws vary on what is considered to be legally intoxicated, the fact is that alcohol affects all people differently and most people underestimate the effects of alcohol.

Remember, drinking and driving don't mix! And that is true for drugs, too (over-the-counter, prescription, and illegal drugs). Don't drive if your ability to operate your vehicle is impaired by alcohol, drugs, or some other physical condition.

DRIVING SAFETY PRECAUTIONS

Your vehicle is designed for both normal and off-road use. However, avoid driving in deep water or mud as your vehicle is mainly designed for leisure use, unlike a conventional off-road vehicle.

Remember that Two-Wheel Drive (2WD) models are less capable for rough road driving and extrication when stuck in deep snow, mud, or the like.

Please observe the following precautions:

⚠ WARNING

- **Drive carefully when off the road and avoid dangerous areas. Every person who drives or rides in this vehicle should be seated with their seat belt fastened. This will keep you and your passengers in position when driving over rough terrain.**
- **Do not drive across steep slopes. Instead drive either straight up or straight down the slopes. Off-road vehicles can tip over sideways much more easily than they can forward or backward.**
- **Many hills are too steep for any vehicle. If you drive across them, you may roll over.**
- **Stay alert when driving to the top of a hill. At the top there could be a drop-off or other hazard that could cause an accident.**
- **If your EV system stalls or you cannot make it to the top of a steep hill, never attempt to turn around. Your vehicle could tip or roll over. Always back straight down in R (Reverse) range. Never back down in N (Neutral), using only the brake, as this could cause loss of control.**
- **Heavy braking going down a hill could cause your brakes to overheat and fade, resulting in loss of control and an accident. Apply brakes lightly and use paddles for increased regenerative braking.**
- **Unsecured cargo can be thrown around when driving over rough terrain. Properly secure all cargo so it will not be thrown forward and cause injury to you or your passengers.**
- **To avoid raising the centre of gravity excessively, do not exceed the rated capacity of the roof rack (where fitted) and evenly distribute the load. Secure heavy loads in the cargo area as far forward and as low as possible. Do not equip the vehicle with tyres larger than specified in this manual. This could cause your vehicle to roll over.**
- **Do not grip the inside or spokes of the steering wheel when driving off-road. The steering wheel could move suddenly and injure your hands. Instead drive with your fingers and thumbs on the outside of the rim.**
- **Before operating the vehicle, ensure that the driver and all passengers have their seat belts fastened.**
- **Accelerating quickly, sharp steering manoeuvres or sudden braking may cause loss of control.**
- **If at all possible, avoid sharp turning manoeuvres, particularly at high speeds. Failure to operate this vehicle correctly could result in loss of control and/or a rollover accident.**
- **Always use tyres of the same type, size, brand, construction (bias, biasbelted or radial), and tread pattern on all four wheels. Install traction devices on the front wheels when driving on slippery roads and drive carefully.**

PUSH-BUTTON POWER SWITCH

- **Be sure to check the brakes immediately after driving in mud or water. See "Brake system" (P.399).**
- **Avoid parking your vehicle on steep hills. If you get out of the vehicle and it rolls forward, backward or sideways, you could be injured.**
- **Whenever you drive off-road through sand, mud or water as deep as the wheel hub, more frequent maintenance may be required. See the maintenance schedule shown in the "9. Maintenance and schedules" section.**

⚠ WARNING

Do not operate the push-button power switch while driving the vehicle except in an emergency. (The EV system will stop when the power switch is pushed 3 consecutive times or the power switch is pushed and held for more than 2 seconds.) If the EV system stops while the vehicle is being driven, this could lead to a crash and serious injury.

Before operating the push-button power switch, be sure to push the park button to shift to the P (Park) position.

INTELLIGENT KEY SYSTEM

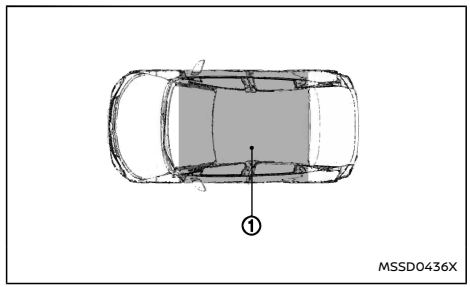
The Intelligent Key system can be used to operate the power switch without taking the key out from your pocket or bag. The operating environment and/or conditions may affect the Intelligent Key system operation.

Some indicators and warnings for operation are displayed on the vehicle information display. See "Vehicle information display" (P.126).

CAUTION

- **Be sure to carry the Intelligent Key with you when operating the vehicle.**
- **Never leave the Intelligent Key inside the vehicle when you leave the vehicle.**
- **If the 12-volt battery is discharged, the power switch cannot be switched to ON from the OFF position. Charge the 12-volt battery as soon as possible. See "Jump starting" (P.422).**

OPERATING RANGE FOR EV SYSTEM START FUNCTION



The Intelligent Key can only be used for starting the EV system when the Intelligent Key is within the specified operating range ①.

When the Intelligent Key battery is almost discharged or strong radio waves/noises are present near the operating location, the Intelligent Key system's operating range becomes narrower and may not function properly.

If the Intelligent Key is within the operating range, it is possible for anyone, even someone who does not carry the Intelligent Key, to push the power switch to start the EV system.

- The cargo room area is not included in the operating range but the Intelligent Key may function.
- If the Intelligent Key is placed on the instrument panel, inside the glove box, multi centre storage or door pocket, the Intelligent Key may not function.

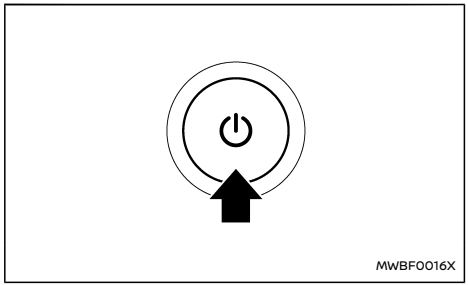
- If the Intelligent Key is placed near the door or window outside the vehicle, the Intelligent Key may function.

If the battery of the Intelligent Key is discharged, see "Intelligent Key battery discharge" (P.264).

POWER SWITCH OPERATION

CAUTION

- **Do not leave the vehicle for extended periods of time when the power switch is in the ON position and the EV system is not running. This can discharge the battery.**
- **Use electrical accessories with the EV system running to avoid discharging the vehicle battery. If you must use accessories while the EV system is not running, do not use them for extended periods of time and do not use multiple electrical accessories at the same time.**



When the power switch is pushed without depressing the brake pedal, the power switch position will change as follows.

- once to change to ON.
- two times to change to OFF.

When the power switch cannot be switched to the OFF position, proceed as follows.

1. Push the shift button P to the P (Park) position.
2. Push the power switch. The power switch position will change to the ON position.
3. Push the power switch again to the OFF position.

POWER SWITCH POSITIONS

ON

All the electrical power activate at this position.

The ON position has a battery saver feature that will place the power switch in the OFF position after a period of time under the following conditions:

- The power switch is in the ON position and the READY to drive indicator light is not illuminated.
- Vehicle is parked.

The battery saver feature will be cancelled if any of the following occur:

- The battery saver is cancelled while charging.

READY (Normal operating position)

This position turns on the EV system, electrical accessories and the vehicle can be driven.

OFF

The EV system is turned off in this position.

Auto ACC

Even when the power switch is in the OFF position, the Auto ACC function automatically switches to the state where electrical components such as the navigation system and door mirrors can be used (ACC state) under specific conditions. You can use the navigation system, door mirrors, etc. even after the EV system is stopped or before the power switch is turned ON.

The Auto ACC function is activated in the following cases.

- When the door is unlocked using the Intelligent Key function.
- When the power switch is placed in the OFF position.

The Auto ACC function will be stopped in the following cases.

- After a period of time have passed without operating the navigation system or audio system.
- After a period of time have passed since the EV system was stopped and the vehicle has been locked with the Intelligent Key function.
- After a period of time have passed since the driver's door is opened and then closed without locking the doors.

The Auto ACC function can be extended up to 30 minutes by operating the navigation system. If it is extended, other electrical components such as door mirrors can also be used. The ACC state

cannot be extended by operating an electrical components other than the navigation system or audio system.

CAUTION

To prevent the 12V battery from discharging, use the electrical components (navigation system, power socket, etc.) with the EV system started.

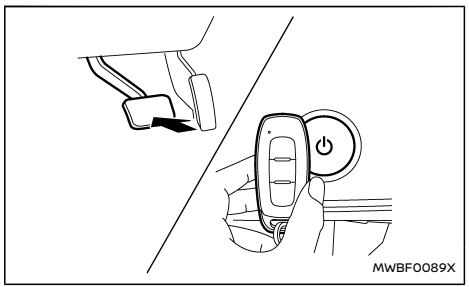
EMERGENCY EV SYSTEM SHUT OFF

To shut off the EV system in an emergency situation while driving or when the Intelligent Key battery is discharged, perform the following procedure:

- Rapidly push the push-button power switch 3 consecutive times in less than 1.5 seconds, or
- Push and hold the push-button power switch for more than 2 seconds.

After EV system shut-off, open the door to return to the normal condition.

INTELLIGENT KEY BATTERY DISCHARGE



If the battery of the Intelligent Key is discharged, or environmental conditions interfere with the Intelligent Key operation, start the EV (Electric Vehicle) system in the READY to drive mode according to the following procedure:

1. Push the park button to shift to the P (Park) position.
2. Firmly apply the footbrake.
3. Push the power switch.
4. Touch the power switch with the Intelligent Key as illustrated. (A chime will sound.)
5. Push the power switch while depressing the brake pedal within 10 seconds after the chime sounds. The power switch position changes to READY to drive.

After step 3 is performed, when the power switch is pushed without depressing the brake pedal, the power switch position will change to ON.

NOTE:

- **When the power switch is pushed to the ON position or READY to drive position by the above procedures, the [Key Battery Low] warning may appear (on the vehicle information display) even if the Intelligent Key is inside the vehicle. This is not a malfunction. To turn off the warning, touch the power switch with the Intelligent Key again.**
- **If the [Key Battery Low] warning appears, replace the battery as soon as possible. (See "Intelligent Key battery replacement" (P.448).)**

⚠ WARNING

The driving characteristics of your vehicle will change remarkably by any additional load and its distribution, as well as by adding optional equipment (trailer coupling, roof racks, etc.). Your driving style and speed must be adjusted according to the circumstances. Especially when carrying heavy loads, your speed must be reduced adequately.

- Make sure the area around the vehicle is clear.
- Visually inspect tyres for their appearance and condition. Measure and check the tyre pressure for proper inflation.
- Check that all windows and lights are clean.
- Adjust the seat and head restraint positions.
- Adjust the inside and outside rearview mirror positions.
- Fasten your seat belt and ask all passengers to do the same.
- Check that all doors are closed.
- Check the operation of the warning lights when the power switch is placed in the ON position.
- Maintenance items in the "8. Maintenance and do-it-yourself" section should be checked periodically.

1. Confirm the parking brake is applied.
2. Confirm that the vehicle is in the P (Park) position.

   The EV (Electric Vehicle) is designed not to operate unless the shift position is in the P (Park) or N (Neutral) positions.

   The Intelligent Key must be carried with you when operating the power switch.
3. Firmly depress the brake pedal and push the power switch to place the EV system in the READY to drive position.

   To place the vehicle in the READY to drive position immediately, push and release the power switch while depressing the brake pedal with the power switch in any position. The READY to drive indicator light READY in the meter illuminates.
4. To stop the EV system, push the shift button P to shift to the P (Park) position, and push the power switch to the OFF position.

ELECTRIC SHIFT CONTROL SYSTEM

This vehicle is electronically controlled to produce maximum available power and smooth operation.

The recommended operating procedures for this vehicle are shown on the following pages.

Starting vehicle

1. After placing the vehicle in the READY to drive position, fully depress the footbrake pedal and push the shift button R (Reverse) or D (Drive) position.

   The shift buttons of this vehicle are designed so that the footbrake pedal must be depressed before shifting from the P (Park) position to any driving position while the power switch is in the READY to drive position.

   The shift position other than P (Park) cannot be selected if the power switch is placed in the OFF position.
2. Release the parking brake and footbrake pedal, and then gradually start the vehicle in motion.

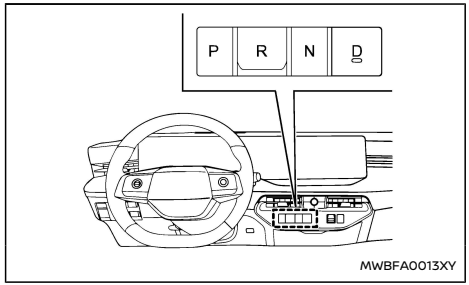
⚠ WARNING

- **Do not depress the accelerator pedal while shifting from P (Park) or N (Neutral) to R (Reverse) or D (Drive) position. Always depress the brake pedal until shifting is completed. Failure to do so could cause you to lose control, which could result in an accident.**
- **Never shift to either the P (Park) or R (Reverse) position while the vehicle is moving forward and P (Park), D (Drive) position while the vehicle reversing. This could cause an accident or damage the transmission.**

CAUTION

- **To avoid possible damage to your vehicle, when stopping the vehicle on an uphill slope, do not hold the vehicle by depressing the accelerator pedal. The footbrake should be used for this purpose.**
- **When the vehicle passes a step, press the brake to slow down and driver as slowly as possible. The impact of getting on and off the steps may damage the drivetrain parts.**

Shifting



Left-Hand Drive (LHD) models

After starting the EV system, fully depress the

brake pedal and push the shift button to the R (Reverse), N (Neutral) or D (Drive) position.

After operating the shift button, make sure that the shift position is switched to the intended one.

NOTE:

- **The vehicle automatically applies the P (Park) position when the power switch is in the OFF position.**
- **When the READY to drive indicator light does not illuminate, the shift position cannot be changed to the D (Drive) or R (Reverse) position even if the power switch is placed in the ON position.**
- **If the following conditions have been met, the shift position may be changed to the P (Park) position automatically.**
  - **When the driver's seat belt is not fastened.**
  - **When the driver's door is opened.**

⚠ WARNING

- **If you use an implantable cardiac pacemaker, an implantable cardioverter defibrillator (ICD) or other medical devices, keep the implanted body parts away from the shift button. The strong magnet in shift button may affect the operation of medical devices.**
- **Keep magnetic cards or things with magnetic force away from the shift button. It may cause malfunction and lead to an accident.**
- **On a hilly road, do not allow the vehicle to roll backwards while in the D (Drive) position, or allow the vehicle to roll forward while in the R (Reverse) position. This may cause an accident.**
- **Do not operate the shift button while the accelerator pedal is depressed. This may cause a sudden start which could result in an accident.**

CAUTION

The following operations are not allowed because excessive force would be applied to the traction motor and this may result in damage to the vehicle:

- **Selecting the R (Reverse) position when driving forward**
- **Selecting the D (Drive) position when reversing**

If these operations are attempted, a chime sounds and the vehicle shifts to the N (Neutral) position.

P (Park) position:

Use this position when the vehicle is parked or when placing the vehicle in the READY to drive position. Make sure the vehicle is completely stopped. **The brake pedal must be depressed to change the shift position from the N (Neutral) position or any drive position to the P (Park) position.** Apply the parking brake. When parking on a hill, apply the parking brake first, then select the P (Park) position.

CAUTION

Use this position only when the vehicle is completely stopped.

NOTE:

- **While the vehicle is stationary, if the shift position is placed in any position other than the P (Park) position when the power switch is set to OFF, it will automatically switch to the P (Park) position.**
- **When the P (Park) position button is pushed while driving, the operation is cancelled. (A buzzer sounds and the shift position before being operated is maintained.)**

R (Reverse):

Use this position to reverse. Always be sure the vehicle is completely stopped before selecting the R (Reverse) position. **The brake pedal must be depressed to change the shift position from the P (Park) position, the N (Neutral) position or any drive position to the R (Reverse) position.**

If the vehicle is shifted to the R (Reverse) position while the vehicle is moving forward, the chime will sound and the vehicle will switch into the N (Neutral) position.

N (Neutral):

Neither forward nor reverse gear is engaged. The vehicle can be placed in READY to drive position in this position.

Do not shift to the N (Neutral) position while driving. The regenerative brake system does not operate in the N (Neutral) position. However, the vehicle brakes will still stop the vehicle.

D (Drive):

Use this position for all normal forward driving.

If the vehicle is placed in the D (Drive) position while the vehicle is reversing, the chime will sound and the vehicle will switch into the N (Neutral) position.

Neutral hold mode function

This function enables you to turn off the EV system with the vehicle in the N (Neutral) position. While this function is activated, the vehicle can be moved by pushing with hand (when car washing) even if the power switch is in the OFF position. When using this function, release the electric parking brake.

⚠ WARNING

- **Use this function on a level surface only. Failure to do so may cause the vehicle to move accidentally and could result in a collision or serious personal injury.**
- **Do not use this function for a purpose other than car washing.**
- **When the power switch is placed in the ON position after activating this function, depress the brake pedal to stop the vehicle because the shift position is in the N (Neutral) position.**
- **If this function is not activated regardless of proper operation, transmission may malfunction. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.**

To activate the Neutral hold mode, perform the following operations.

1. Push the power switch to start the EV system.
2. Release the electric parking brake and Automatic brake hold function.
3. Depress the brake pedal to stop the vehicle in the desired location such as parking space, an automatic car wash entrance, etc.
4. Depress and hold the brake pedal through all steps listed below. Do not release it during the process to activate the Neutral hold mode.
5. Wait for 10 seconds without pushing any shift buttons.

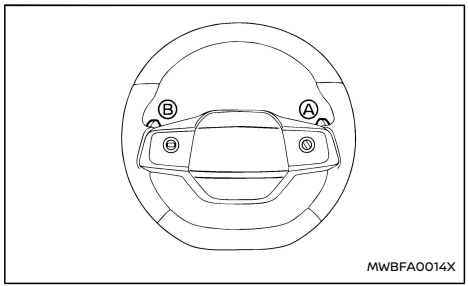
   NOTE:
   It is necessary to perform the steps 6 through 8 within approximately 5 seconds.
6. Push the P (Park) position button and confirm the shift position indicator indicates the P (Park) position.
7. Push the shift button to the N (Neutral) position and confirm the shift position indicator indicates the N (Neutral) position and then release the shift button.
8. Push the N (Neutral) position button again. The Neutral Hold Mode activated indicator appears in the vehicle information display when the Neutral hold mode function is activated. (See "95. Neutral Hold Mode activated indicator" (P.146).)
9. Confirm that the electric parking brake is released.
10. Place the power switch in the OFF position. The EV system will turn off with holding the N (Neutral) position.

To exit the Neutral hold mode, place the vehicle in other than N (Neutral) position.

NOTE:

- **If the electric parking brake is not released, release the electric parking brake. (See "Electric parking brake" (P.271).)**
- **When the power switch is placed in the OFF position while the shift position is in the N (Neutral) position, a message will appear in the vehicle information display. (See "94. Neutral Hold Mode guidance indicator" (P.146).)**
- **If the Neutral hold mode is unavailable, a message will appear in the vehicle information display. (See "96. [Neutral Hold Mode was not activated.] indicator" (P.146).) To activate the Neutral hold mode, wait for a while without shifting operation and then perform the operations again.**

MANUALLY SELECTABLE REGENERATIVE BRAKING INTENSITY

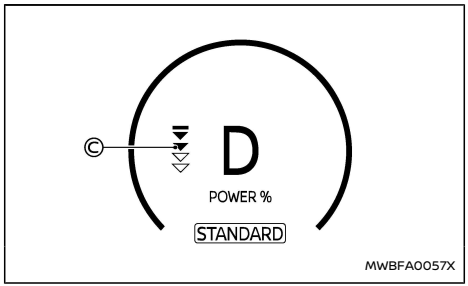


Paddle selector

When the transmission is in D (Drive) position, regenerative braking intensity can be manually selected from level 1 up to level 4 where level 1 provides the least regenerative braking effect while level 4 provides the most regenerative braking effect.

To reduce the intensity of the regenerative braking, briefly pull the right-side paddle selector Ⓐ.

To increase the intensity of the regenerative braking, briefly pull the left-side paddle selector Ⓑ.



Vehicle information display

The default setting is level 2. The current intensity is displayed on the vehicle information display Ⓒ as a number of descending triangles.

When driving down a long downhill, for example, you can increase the intensity of the regenerative braking to achieve an effect similar to "engine braking."

When level 4 of the regenerative braking is chosen, brake lights will illuminate since the vehicle reaches an ordinary braking operation.

NOTE:

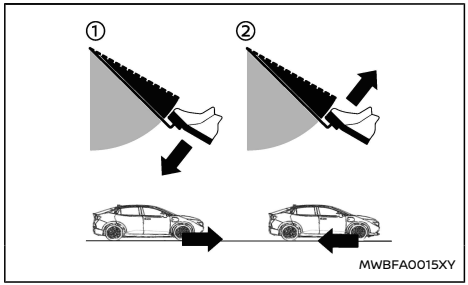
- **Less deceleration is provided by the regenerative brake system when the Li-ion battery has been charged to the limit. Regenerative brake is automatically reduced when the Li-ion battery is charged to the limit to prevent the Li-ion battery from becoming overcharged. Regenerating brake is also automatically reduced when the battery temperature is high/low to prevent Li-ion battery damage.**
- **The regenerative braking intensity cannot be selected manually while the e-Pedal system or the Intelligent Cruise Control (ICC) system is active.**
- **After the EV system has been restarted or whether the e-Pedal system or ICC system is deactivated, the regenerative braking intensity level will be reset to the default — level 2.**

e-Pedal SYSTEM

⚠ WARNING

- **Never rely solely on the e-Pedal system, as there is a performance limit to the system function. Always drive carefully and attentively. The brake pedal should be operated depending on traffic or road conditions.**
- **The e-Pedal system is not design to and will not stop the vehicle. It is driver's responsibility to stay alert and drive safely at all times.**

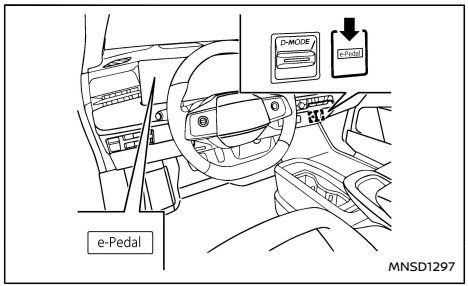
The e-Pedal system enables the driver to slow the vehicle by operating only the accelerator pedal. This system helps to keep the driver from moving his/her foot between the accelerator pedal and the brake pedal.



① Acceleration
② Deceleration (instead of brake pedal)

e-Pedal SYSTEM OPERATION

When the e-Pedal system is activated, the regenerative brake is enhanced and the driver can adjust the vehicle speed by only depressing or returning the accelerator pedal. When you release (take your foot off) the accelerator pedal, the vehicle slows down smoothly without depressing the brake pedal.



The e-Pedal system will be turned ON or OFF each time the <e-Pedal> switch (located on the centre console) is pushed. (The e-Pedal indicator in the vehicle information display shows the status of the e-Pedal system.)

When the e-Pedal system is activated, the characteristics of the accelerator pedal change significantly and the accelerator pedal operates differently than a conventional accelerator pedal operates. Be sure to confirm the status of the e-Pedal system (ON or OFF) in the vehicle information display before driving.

When the e-Pedal system is turned on, the e-Pedal indicator changes to blue and displays [e-Pedal]. When the e-Pedal system is turned off, the e-Pedal indicator changes to grey and displays [e-Pedal OFF].

System activation

To activate the e-Pedal system, place the power switch in the READY to drive or ON position and push the <e-Pedal> switch, and be sure to confirm the status of the e-Pedal.

System deactivation

To deactivate the e-Pedal system, place the power switch in the READY to drive or ON position, and push the <e-Pedal> switch.

NOTE:

- **When the e-Pedal system is switched to ON or OFF, the degree of vehicle deceleration will change.**
- **The e-Pedal system is automatically turned OFF when the EV system is restarted.**
- **To keep the e-Pedal system activated even if the EV system is restarted, turn the [Mode Memory] ON in the [Driver Assistance] menu of the vehicle information display. (See "[Settings]" (P.128).)**
- **The [Mode Memory] setting is not reset by using the [Factory Reset] setting.**

e-Pedal driving features

The e-Pedal system provides the following driving features:

When driving the vehicle:

- Depressing or returning the accelerator pedal will change the degree of acceleration and deceleration accordingly.
- Returning the accelerator pedal generates more deceleration than normal. (The maximum deceleration changes according to the vehicle speed.)
- Releasing (taking your foot off) the accelerator pedal reduces the vehicle speed. To stop the vehicle, depress the brake pedal.
- The vehicle's brake lights illuminate when the deceleration level reaches an ordinary braking operation.

If the e-Pedal system may not decelerate the vehicle sufficiently, depress the brake pedal whenever necessary. The brake pedal can be operated to reduce the vehicle speed in the same way as normal even when the e-Pedal system is activated.

When reversing the vehicle:

With the shift position in the R (Reverse), the accelerator pedal can be used in the same way as in the e-Pedal system is off.

Other driving tips for the e-Pedal system:

- For smooth deceleration when the e-Pedal system is activated, it is recommended to adjust the accelerator pedal while driving with your foot on it (depressing or returning, but not releasing).
- The e-Pedal system will not function under the following conditions:
  - When the vehicle is placed in the P (Park) or N (Neutral) position.
  - e-Pedal system does not work when a driving support function such as a ProPILOT Assist system is operating.
- Brake pedal may move depending on deceleration and you may feel a noise when e-Pedal is active. This is a normal system operation.

e-Pedal SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the e-Pedal system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **If the deceleration force provided by the e-Pedal system is not sufficient, depress the brake pedal.**
- **Under the following conditions the e-Pedal system may not decelerate the vehicle sufficiently. Depress the brake pedal whenever necessary.**
  - **When excessively heavy baggage is loaded on the vehicle.**
  - **When driving on steep downhill roads.**
  - **When driving on icy roads.**
- **Do not use the e-Pedal system when your vehicle is towed.**
- **Frequent braking may result in overheating the brakes and causing a loss of braking capability. This can lead to a crash causing injury or death. Apply the regenerative brake depending on a situation.**

CAUTION

- **The characteristics of deceleration changes according to the vehicle speed. At very low speeds, the vehicle "creeps", similar to the e-Pedal system is deactivated.**
- **Be careful not to operate the <e-Pedal> switch mistakenly or unintentionally.**
- **Apply the regenerative brake depending on slope under steep downhill driving.**
- **When the e-Pedal system is turned on, stop the vehicle regularly and take a break when driving on a long downhill road. Using the system continuously may reduce its effectiveness.**
- **When the e-Pedal system is turned on, turn it off when driving on downhill roads and apply the regenerative brake with the shift position placed in the D (Drive) position in conjunction with brake pedal. (See "Driving the vehicle" (P.265)).**
- **If the e-Pedal system is used continuously, it may be temporarily unavailable and automatically switched off to prevent the brake system from overheating.**

ELECTRIC PARKING BRAKE

e-Pedal SYSTEM TEMPORARILY UNAVAILABLE

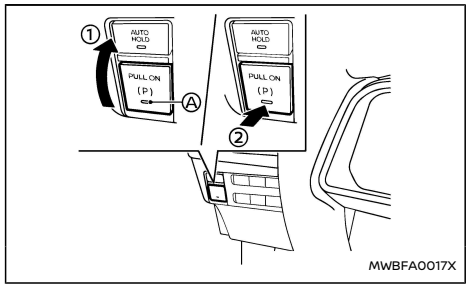
If the e-Pedal system is temporarily unavailable, [e-Pedal system unavailable Use brake pedal] warning message appears on the vehicle information display. Stop the vehicle in a safe location. Turn the EV system off and restart the EV system. If the warning message continues to appear have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

CAUTION

- **When the e-Pedal system is turned on, stop the vehicle regularly and take a break when driving on a long downhill road. Using the system continuously may reduce it's effectiveness.**
- **When the e-Pedal system is turned on, turn it off when driving on a long downhill roads and apply regenerative brake with the shift position placed in D (Drive) position in conjunction with the brake pedal. If the e-Pedal system is used continuously, it may become temporarily unavailable and automatically switched off to prevent the brake system from overheating.**

⚠ WARNING

- **Never drive the vehicle with the electric parking brake applied. The brake will overheat and fail to operate and will lead to an accident.**
- **Never release the electric parking brake from outside the vehicle. If the vehicle moves, it will be impossible to push the footbrake pedal and will lead to an accident.**
- **Never use the shift buttons in place of the electric parking brake. When parking, be sure the electric parking brake is fully applied.**
- **To help avoid risk of injury or death through unintended operation of the vehicle and/or its systems, do not leave children, people who require the assistance of others or pets unattended in your vehicle. Additionally, the temperature inside a closed vehicle on a warm day can quickly become high enough to cause a significant risk of injury or death to people and pets.**



① Apply
② Release
Ⓐ Indicator light

The electric parking brake can be applied or released automatically or by operating the electric parking brake switch.

AUTOMATIC OPERATION

The electric parking brake is automatically released as soon as the vehicle starts while the accelerator pedal is depressed under the following conditions.

- While the EV system is running.
- When the shift position is in the D (Drive) or R (Reverse) position.
- When the driver's door is closed.

The electric parking brake is automatically released within 5 seconds after the shift position is placed in the D (Drive) or R (Reverse) position. Be sure to close the door before starting the vehicle.

If the electric parking brake is applied and you change the shift position in D (Drive) position and trying to drive away with door open and unfastened seat belt, the vehicle will automatically shift to P (Park) position. If the door is open and seat belt fastened electric parking brake will remain engaged.

⚠ WARNING

- **Before leaving the vehicle, place the shift position in the P (Park) position and check that the electric parking brake warning light is illuminated to confirm that the electric parking brake is applied. The electric parking brake warning light will remain on for a period of time after the driver's door is locked.**

CAUTION

When parking in an area where the outside temperature is below 0°C (32°F), the electric parking brake, if applied, may freeze in place and may be difficult to release.

For safe parking, it is recommended that you place the shift position in the P (Park) position and securely block the wheels.

NOTE:

- **If a malfunction occurs in the electric parking brake system (for example, due to battery discharge), it is recommended to contact a NISSAN certified electric vehicle dealer.**
- **Under the following conditions, the electric parking brake will automatically be applied and the braking force of the automatic brake hold function will be released. The automatic brake hold indicator light turns off.**
  - **— The braking force is applied by the automatic brake hold function for 3 minutes or longer.**
  - **— The vehicle is in the P (Park) position.**
  - **— The electric parking brake is applied manually.**
  - **— The driver's seat belt is unfastened.**
  - **— The driver's door is opened.**
  - **— The power switch is placed in the OFF position.**
  - **— A malfunction occurs in the automatic brake hold function.**
- **Make sure that the electric parking brake system warning light is OFF before starting the vehicle.**

MANUAL OPERATION

To apply: When the vehicle is stopped, pull the electric parking brake switch ① up. (The parking brake will apply even if the power switch is placed in the OFF position.) The indicator light Ⓐ on the switch and the electric parking brake warning light (Ⓟ) (red) will illuminate.

To release: With the power switch in the ON position, depress the brake pedal and push the parking brake switch down ②. The indicator light Ⓐ and the electric parking brake warning light (red) will turn off.

Before driving, check that the electric parking brake warning light (red) turns off. For additional information, see "Warning lights, indicator lights and audible reminders" (P.115).

NOTE:

- **While the electric parking brake is applied or released, an operating sound is heard from the lower side of the rear seat. This is normal and does not indicate a malfunction.**
- **When the electric parking brake is frequently applied and released in a short period of time, the electric parking brake system warning light may blink and the electric parking brake may not operate in order to prevent the electric parking brake system from overheating. If this occurs, operate the electric parking brake switch again after waiting approximately 1 minute.**
- **If the electric parking brake must be applied while driving in an emergency, pull up and hold the parking brake switch. When you release the electric parking brake switch, the electric parking brake will be released.**
- **While pulling up the electric parking brake switch during driving, the electric parking brake is applied and a chime sounds. The electric parking brake warning light (red) and the indicator light on the parking brake switch illuminate. This does not indicate a malfunction. The electric parking brake warning light (red) and the indicator light on the parking brake switch will turn off when the electric parking brake is released.**

AUTOMATIC BRAKE HOLD

- **When pulling the electric parking brake switch up with the power switch in the OFF position, the indicator light on the parking brake switch will continue to illuminate for a short period of time.**

When towing a trailer

Depending on the weight of the vehicle and trailer and the steepness of the slope, there may be a tendency for the vehicle to move backwards when starting from a standstill. When this occurs, you can use the electric parking brake switch in the same way as a conventional lever type parking brake.

Before starting on sloping roads when towing a trailer, be sure to read the following to prevent the vehicle from moving backward unintentionally.

- Release the electric parking brake switch as soon as the EV system is delivering enough torque to the wheels.

The automatic brake hold function maintains the braking force without the driver having to depress the brake pedal when the vehicle is stopped at a traffic light or intersection. As soon as the driver depresses the accelerator pedal again, the automatic brake hold function is deactivated and the braking force is released. The operating status of the automatic brake hold function can be displayed. (See "Warning lights, indicator lights and audible reminders" (P.115).)

To use the automatic brake hold function, the following conditions need to be met.

- The driver's seat belt is fastened.
- The electric parking brake is released.
- The vehicle is not in the P (Park) position.
- The vehicle is not stopped on a steep hill.

⚠ WARNING

- **The automatic brake hold function is not designed to hold the vehicle on a steep hill or slippery road. Never use the automatic brake hold function when the vehicle is stopped on a steep hill or slippery road. Failure to do so may cause the vehicle to move.**
- **Warnings may appear to request that the driver retake control by depressing the brake pedal.**
- **When the automatic brake hold function is activated but fails to maintain the vehicle at a standstill, depress the brake pedal to stop the vehicle. If the vehicle unexpectedly moves due to outside conditions, the chime may sound and warnings may appear.**
- **Be sure to deactivate automatic brake hold function when using a car wash machine, towing your vehicle or when the vehicle is overloaded.**
- **Make sure the vehicle is in the P (Park) position and apply the electric parking brake when parking your vehicle, exiting or remining in the vehicle, or loading or unloading luggage. Failure to do so could cause the vehicle to move or roll away unexpectedly and result in serious personal injury or property damage.**
- **If any of the following conditions occur, the automatic brake hold function may not function. Have the system checked promptly. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.**
  - **— A warning message appears.**
  - **— The indicator light on the automatic brake hold switch does not illuminate when the switch is pushed.**

  Failure to operate the vehicle in accordance with these conditions could cause the vehicle to move or roll away unexpectedly and result in serious personal injury or property damage.
- **The automatic brake hold function will not be activated if one of the following warning lights illuminate: — Slip indicator light**
  - **— Electric parking brake warning light**

— Electric parking brake indicator light

— Master warning light

The automatic brake hold function will not be activated if the Chassis Control system fault message appears.

- **To maintain the braking force to keep the vehicle to a standstill, a noise may be heard. This is not a malfunction.**

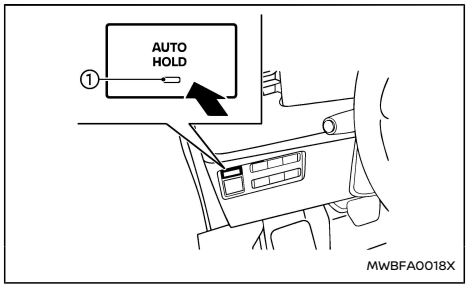
NOTE:

Automatic brake hold function is operated by applying sufficient braking force to hold the vehicle in its place, so there are cases when this hold function is maintained even if the accelerator pedal is depressed.

In this situation, it is advised to depress the brake pedal first, then to turn off automatic brake hold switch. This will cancel the hold function.

HOW TO ACTIVATE/DEACTIVATE THE AUTOMATIC BRAKE HOLD FUNCTION

How to activate the automatic brake hold function



1. With the power switch in the ON position, push the automatic brake hold switch. The indicator light ① on the automatic brake hold switch (green) illuminates.
2. When the automatic brake hold function goes into standby, the automatic brake hold indicator light (white) in the vehicle information display illuminates.

To use the automatic brake hold function, the following conditions need to be met.

- The driver's seat belt is fastened.
- The electric parking brake is released.
- The vehicle is not in the P (Park) position.
- The vehicle is not stopped on a steep hill.

NOTE:

The automatic brake hold function retains the last state until the driver changes the option even if the power switch is turned off.

How to deactivate the automatic brake hold function

While the automatic brake hold function is activated, push the automatic brake hold switch to turn off the automatic brake hold indicator light and deactivate the automatic brake hold function. To deactivate the automatic brake hold function while the braking force has been maintained by the automatic brake hold function, depress the brake pedal and push the automatic brake hold switch.

⚠ WARNING

Make sure to firmly depress and hold the brake pedal when turning off the automatic brake hold function while the braking force is applied. When the automatic brake hold function is deactivated, the braking force will be released. This could cause the vehicle to move or roll away unexpectedly.

Failure to prevent the vehicle from rolling may result in serious personal injury or property damage.

HOW TO USE THE AUTOMATIC BRAKE HOLD FUNCTION

For additional information on using the automatic brake hold function, refer to the instructions outlined in this section.

To maintain braking force automatically

With the automatic brake hold function activated and the automatic brake hold indicator light (white) illuminated, depress the brake pedal to stop the vehicle, and the automatic brake hold indicator light (green) illuminates. The braking force is automatically applied without your foot depressed on the brake pedal. While the braking force is maintained, the automatic brake hold indicator light (green) illuminates.

NOTE:

The automatic brake hold indicator light (green) will not illuminate if the brake pedal is not depressed with sufficient force to hold the vehicle or is released too quickly when the vehicle is stopped.

CAUTION

Confirm the automatic brake hold indicator light (green) is illuminated before removing your foot from the brake pedal.

To start the vehicle from a standstill

With the vehicle not in the P (Park) or the N (Neutral) position, depress the accelerator pedal while the braking force is maintained. The braking force will automatically be released to restart the vehicle. The automatic brake hold indicator light (white) illuminates and the automatic brake hold function returns to standby.

Parking

When the vehicle is in the P (Park) position with the braking force maintained by the automatic brake hold function, the electric parking brake will automatically be applied and the braking force of the automatic brake hold function will be released. The automatic brake hold indicator light turns off. When the electric parking brake is applied with the braking force maintained by the automatic brake hold function, the braking force of the automatic brake hold will be released. The automatic brake hold indicator light turns off.

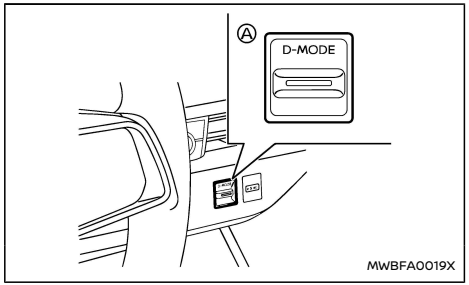
NOTE:

- **Under the following conditions, the electric parking brake will automatically be applied and the braking force of the automatic brake hold function will be released (the automatic brake hold indicator light turns off):**
  - **The braking force is applied by the automatic brake hold function for 3 minutes or longer.**
  - **The vehicle is in the P (Park) position.**
  - **The electric parking brake is applied manually.**
  - **The driver's seat belt is unfastened.**
  - **The driver's door is opened.**
  - **The power switch is placed in the OFF position.**
  - **A malfunction occurs in the automatic brake hold function.**
- **When the vehicle stops, but the braking force is not automatically applied, depress the brake pedal firmly until the automatic brake hold indicator light (green) illuminates.**
- **When the vehicle stops on a slope, depress the brake pedal firmly until the automatic brake hold indicator light (green) illuminates.**

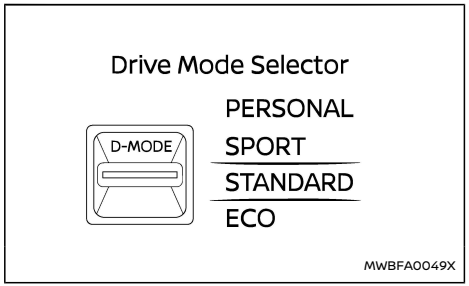
CAUTION

- **When parking or stopping on a slope, first apply the electric parking brake after the vehicle has come to a complete stop and then push the shift button P to place the vehicle in the P (Park) position.**
- **Before shifting the vehicle into P (Park) position, always make sure that the vehicle has come to a complete stop.**

DRIVE MODE SELECTOR



Drive Mode Selector



Vehicle information display

Multiple driving modes can be selected by using the Drive Mode Selector as below.

[PERSONAL], [SPORT], [STANDARD] and [ECO]

To change the mode, push the upper side or lower side of the Drive Mode Selector Ⓐ.

NOTE:

When the Drive Mode Selector selects a mode, the mode may not switch immediately. This is not a malfunction.

The current mode is displayed in the vehicle information display. The mode list will appear in the vehicle information display and you can select the mode.

NOTE:

The mode list will be turned off in approximately 5 seconds after the mode is selected.

You can also clear the message by pushing the scroll dial on the steering-wheel-mounted controls.

If the driving mode cannot be switched using the Drive Mode Selector when the power switch is in the ON position, have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

NOTE:

- **The drive mode selector retains the last state until the driver changes the option even if the power switch is turned off.**
- **The regenerative braking intensity follows the settings of the paddle selector (where fitted). (See "Manually selectable regenerative braking intensity" (P.268)).**

⚠ WARNING

- **Do not stare at the Drive Mode Selector or the display while driving so that full attention may be given to vehicle operation.**
- **Avoid abrupt acceleration, steering or sudden braking especially on slippery roads. Otherwise tyre slip, skid or tail-swing occurs; this may cause an accident.**

[PERSONAL] MODE

In PERSONAL mode, you can set the original drive mode of your own.

Depending on your preference, you can set each of the driving elements in the vehicle information display.

Perform the following steps to set the elements of the PERSONAL mode.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Vehicle Settings]. Then push the scroll dial.
2. Select [Personal Drive Mode] and push the scroll dial.
3. Select your favourite items and choose the settings for each item.

See "[Vehicle Settings]" (P.132) for details on each item.

Up to 6 user settings can be stored. Each user setting is linked to a specific Intelligent Key.

[SPORT] MODE

- Provides higher motor torque response for agile driveability and stronger regeneration brake* for sporty drive by accelerator pedal only.
- The setting of the steering system is adjusted to moderately increase steering wheel effort for a sporty feel.

NOTE:

In the [SPORT] mode, energy economy may be reduced.

[STANDARD] MODE

- This is the standard mode that is most suitable for normal driving.

[ECO] MODE

Improves energy efficiency and cruising range, the profile of regeneration brake* is optimised for efficient driving. The intensity of regenerative braking increases when the accelerator pedal is released.

NOTE:

Selecting the [ECO] mode will not necessarily improve energy economy as many driving factors influence its effectiveness.

Operation

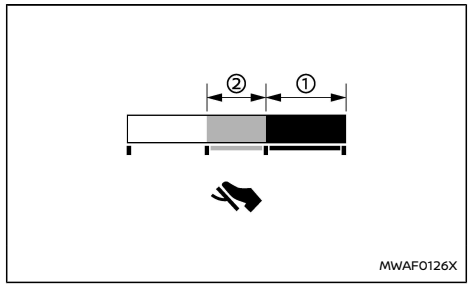
Select the [ECO] mode using the Drive Mode Selector. The ECO indicator illuminates.

[Tyre ECO advice]

The [Tyre ECO advice] is a function to show an ECO advice message in the vehicle information display when low tyre pressure is detected. To activate or deactivate this function, see "[ECO Settings]" (P.131).

When the setting is ON, the [ECO Drive Report] display shows [ECO Advice Adjust Tyre Pressures]. You can switch the display to the [Tyre Pressure] display by pushing the < > button on the steering wheel.

[ECO Pedal Guide] function



The [ECO Pedal Guide] display can be selected in the vehicle information display in the [ECO] mode. (See "5. [ECO Pedal Guide]" (P.150).) Use the ECO Pedal Guide function for improving energy economy.

When the [ECO Pedal Guide] bar is in the blue range ①, it indicates that the vehicle is being driven within range of the super economy drive.

When the [ECO Pedal Guide] bar is in the light blue range ②, it indicates that the vehicle is being driven within range of the economy drive.

If the [ECO Pedal Guide] bar is out of the blue range (① and ②), it indicates that the accelerator pedal is depressed over the range of economy drive.

The [ECO Pedal Guide] bar is not displayed when:

- The vehicle speed is less than approximately 4 km/h (2 MPH).
- The shift button is in the P (Park), N (Neutral) or R (Reverse) position.

DRIVER ASSISTANCE SYSTEMS

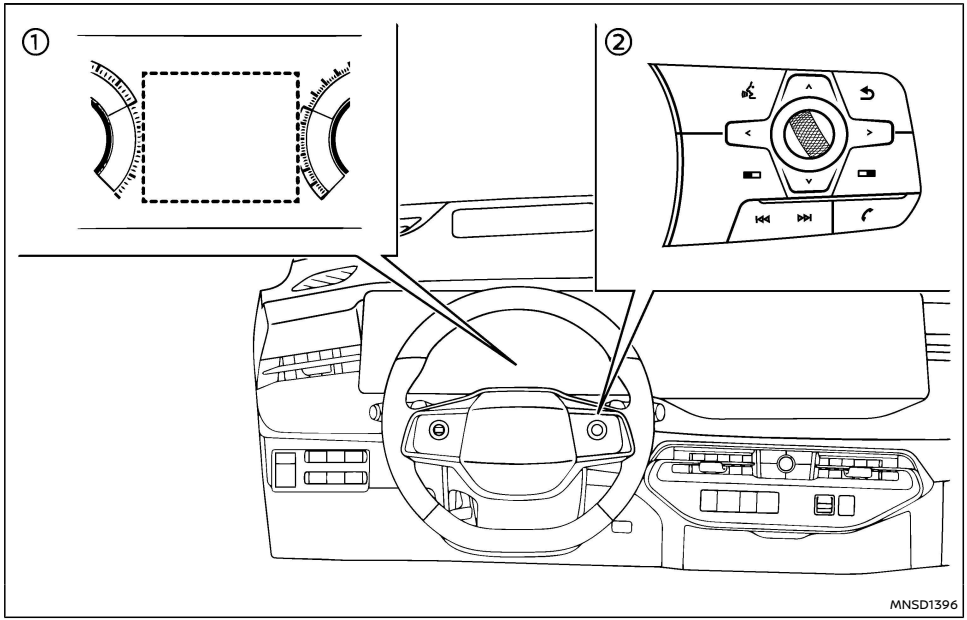
Each Driver Assistance system is designed to help the driver in different ways as they drive. The following Driver Assistance systems (where fitted) are available on this vehicle:

Category	System	Symbol	System description (See the specified page for detailed information.)	Page
Forward Driving Aids	Intelligent Emergency Braking		Assists the driver with a warning and/or braking operation when there is a risk of a forward collision with the vehicle ahead in the travelling lane, or with a pedestrian or a cyclist.	366
	Intelligent Forward Collision Warning		Helps alert the driver when there is a sudden braking of a second vehicle travelling in front of the vehicle ahead in the same lane.	377
	Intelligent Cruise Control (ICC) (models with ProPILOT Assist system)		Intelligent Cruise Control (ICC) ● Helps the driver maintain a selected distance from the vehicle ahead and can reduce the speed to match a slower vehicle ahead. ● Decelerates the vehicle to a standstill when a vehicle ahead slows to a stop.	335
			Conventional (fixed speed) cruise control mode ● Allows the driver to drive the vehicle at a fixed speed without keeping his/her foot on the accelerator pedal.	353
	Intelligent Distance Control (IDC)		● Assist the driver in maintaining a following distance from the vehicle ahead traveling in the same lane.	356
	Speed limiter		● Allows the driver to set the desired speed limit.	312

Category	System	Symbol	System description (See the specified page for detailed information.)	Page
Side Driving Aids (Lane and Blind Spot)	Emergency Lane Assist (ELA)		● Warns the driver when the vehicle approaches the road edge, solid line or dashed line with an indicator and a steering wheel vibration. ● Assist the driver to return the vehicle to the travelling line.	293
	Blind Spot Warning (BSW) with Exit Warning		Warns the driver of a vehicle in an adjacent lane when changing lanes with an indicator. The Exit Warning alerts when doors are open and other vehicles and bicycles are approaching from behind.	301
	Steering Assist		Assists the driver to help keep the vehicle within the centre of the travelling lane (this system is integrated in the ProPILOT Assist system).	348
Rear Driving Aids	Rear Cross Traffic Alert (RCTA)		Assists the driver when backing out from a parking space by detecting other vehicles approaching from the right or left of the vehicle.	308
	Rear Automatic Braking (RAB)		Assists the driver when the vehicle is reversing and approaching stationary objects directly behind the vehicle by providing a warning and automatic braking if needed.	391
Parking Aids	Intelligent Around View Monitor	-	Assists the driver in parking situations by showing various views of the position of the vehicle in a split screen format.	226
	Moving Object Detection (MOD)	-	Informs the driver of moving objects near the vehicle in parking situations.	240
	Parking sensor (sonar) system	-	Informs the driver with a visual and audible alert of stationary obstacles near the bumpers.	405
ProPILOT Assist	ProPILOT Assist		Consists of Intelligent Cruise Control (ICC) and Steering Assist.	328

Category	System	Symbol	System description (See the specified page for detailed information.)	Page
Other Driving Aids	High beam assist		Switches the headlights to the low beam automatically when an oncoming vehicle or leading vehicle appears in front of your vehicle.	163
	Adaptive LED headlight		Changes the area illuminated by the headlights automatically when an oncoming vehicle or leading vehicle appears in front of your vehicle.	164
	Traffic Sign Recognition (TSR)		Provides the driver with information about the most recently detected speed limit, using the speed limit display and overspeed warning function.	289
	Intelligent Driver Alertness		Helps alert the driver when a lack of attention or driving fatigue is detected.	384
	Driver Monitoring system		Monitors the driver's attention to the road ahead with a driver monitor camera.	387
	Hill Start Assist		Helps prevent the vehicle from rolling backwards in the time it takes the driver to release the brake pedal and apply the accelerator when the vehicle is stopped on a hill.	404

HOW TO ENABLE/DISABLE THE SYSTEMS



① Vehicle information display

② Steering-wheel-mounted controls (right side)

The following systems (where fitted) can be enabled or disabled using the settings menu in the vehicle information display. Select each setting item using the scroll dial on the steering-wheel-mounted controls.

- Intelligent Emergency Braking
- Intelligent Forward Collision Warning
- Intelligent Distance Control (IDC)
- Emergency Lane Assist (ELA)
- Blind Spot Warning (BSW) with Exit Warning
- Speed Limit Link
- Navi Link
- Steering Assist
- Rear Cross Traffic Alert (RCTA)
- Rear Automatic Braking (RAB)
- Moving Object Detection (MOD)
- Parking sensor (sonar)
- Traffic Sign Recognition (TSR)
- Intelligent Driver Alertness
- Driver Monitoring system (DMS)

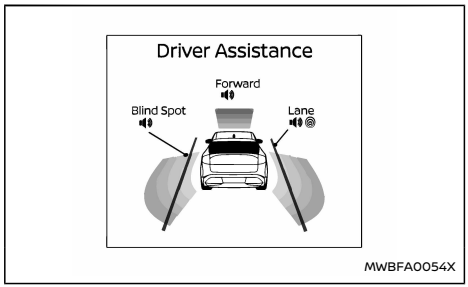
Driver Assistance display

The Driver Assistance display appears in the vehicle information display when it is selected using the scroll dial, or for a short period of time when the ProPILOT Assist switch is pushed.

The status of the following systems can be shown in each zone of the display.

Zone	Driving Aid
[Forward]	Intelligent Emergency Braking
	Intelligent Forward Collision Warning
	Intelligent Distance Control (IDC)
[Lane]	Emergency Lane Assist (ELA)
[Blind Spot]	Blind Spot Warning (BSW) with Exit Warning
[Exit Warning]	

- When any of the "Warning" systems are enabled, the " " mark is shown in each zone.
- When any of the "Intervention" systems are enabled, the " " mark is shown in each zone.
- When no system is enabled, [OFF] is shown in each zone.



Example: All enabled

COMMON TROUBLESHOOTING GUIDE

Some of the Driver Assistance systems use the common parts (camera, radar, etc.) to function. When a pop-up warning message appears in the vehicle information display, or the warning light flashes/illuminates, check the system condition. For details, see “System temporarily unavailable” and “System malfunction” sections in this Owner’s Manual for each applicable system.

For camera and radar temporary blockage

Warning message/Warning light	Symptom	Possible cause	System affected	Action to take
[Unavailable Camera Temperature High]	High camera temperature	Direct sunlight/High cabin temperature	Steering Assist	When the interior temperature is reduced, the system resumes automatically.
[Currently Unavailable Front Camera High Temperature] and / / Illuminating			TSR, ELA and Intelligent Emergency Braking	When the interior temperature is reduced, the system resumes automatically.
[Unavailable Low Visibility]	Poor camera visibility	Direct sunlight	Steering Assist	When the condition no longer exists, the system resumes automatically.
	Camera obstruction	Windscreen glass misted, frozen or covered with dirt		Clean the windscreen glass of the camera area. Use the wipers and the defroster to help clear the windscreen glass.
[Currently Unavailable Poor Visibility] and Illuminating	Poor camera visibility	Direct sunlight	Intelligent Emergency Braking	When the condition no longer exists, the system resumes automatically.

Warning message/Warning light	Symptom	Possible cause	System affected	Action to take
[Temporarily Disabled Camera Blocked See Owner's Manual] and / / Illuminating	Camera obstruction	Windscreen glass misted, frozen or covered with dirt	ELA, Intelligent Emergency Braking and TSR	Clean the windscreen glass of the camera area. Use the wipers and the defogger to help clear the windscreen glass.
[Not available Visibility is impaired] [Steering Assist Not Available Cannot Detect Lane]	Poor visibility/ Undetectable lane marker	Bad weather Unclear lane markers	Steering Assist	When the condition no longer exists: ● Push the Steering Assist switch to turn back on the system. ● Push the ProPILOT Assist switch to turn off the ProPILOT Assist system and push the switch again to turn back on the system.
[Temporarily Disabled Front Radar Blocked]	Front radar obstruction	Inclement weather (rain, fog, snow, etc.)	ICC, ProPILOT Assist, Intelligent Distance Control (IDC)	When the condition no longer exists, the system resumes automatically. (Push the ProPILOT Assist switch or the Cruise ON/OFF switch to turn back on the ICC system.)
		Sensor covered with dirt or obstructed		Clean the front radar sensor area on the front of the vehicle.
		Roads with limited road structures or buildings		When the condition no longer exists, the system resumes automatically. (Push the ProPILOT Assist switch or the Cruise ON/OFF switch to turn back on the ICC system.)
[Temporarily Disabled Front Radar Blocked See Owner's Manual] and / Illuminating	Front radar obstruction	Inclement weather (rain, fog, snow, etc.)	Intelligent Emergency Braking and Intelligent Forward Collision Warning	When the condition no longer exists, the system resumes automatically.
		Roads with limited road structures or buildings		
		Sensor covered with dirt or obstructed		Clean the front radar sensor area on the front of the vehicle.
—	Front radar interruption	Interference from another radar source	ICC, ProPILOT Assist, Intelligent Distance Control (IDC)	When the condition no longer exists, the system resumes automatically. (Push the ProPILOT Assist switch or the Cruise ON/OFF switch to turn back on the ICC system.)

Warning message/Warning light	Symptom	Possible cause	System affected	Action to take
[Currently Unavailable Radar Inhibited] and Illuminating	Front radar interruption	Interference from another radar source	Intelligent Emergency Braking and Intelligent Forward Collision Warning	When the condition no longer exists, the system resumes automatically.
[Not available Side radar obstructed]	Side radar obstruction	Radar blockage	BSW with Exit Warning and RCTA	Clean the rear side radar area on the rear of the vehicle. When the condition no longer exists, the system resumes automatically.
[Temporarily Disabled Side Radar Blocked See Owner's Manual] and Illuminating	Side radar obstruction	Radar blockage	ELA	
[Unavailable Slippery Road]	Poor road condition	Slippery road	ICC and ProPILOT Assist	When the condition no longer exists, push the ProPILOT Assist switch or the Cruise ON/OFF switch to turn back on each system.
[Not Available, Parking Brake On]	System cancel	Electric parking brake application	ProPILOT Assist	When the condition no longer exists, push the ProPILOT Assist switch to turn off the ProPILOT Assist system and push the switch again to turn back on the ProPILOT Assist system.
[Press brake pedal]	No electric parking brake application	Driver's door open (vehicle stopped)	ProPILOT Assist	Step on the brake pedal immediately.

For system temporarily unavailable

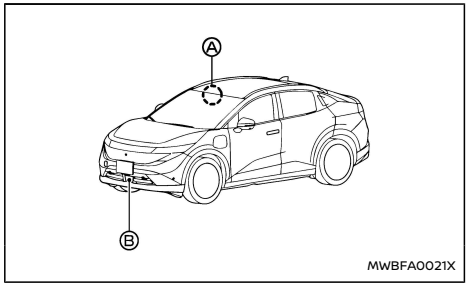
Warning light/Warning message	Possible cause	System to check	Action to take
[Currently Unavailable ESP OFF] and / Illuminating	ESP turned off	ELA, Intelligent Emergency Braking	Turn on the ESP.
Illuminating	ESP turned off	RAB	Turn on the ESP.
[Currently Not Available]	ESP turned off	ICC, ProPILOT Assist, Intelligent Distance Control (IDC)	Turn on the ESP.
[Currently Not Available] and Illuminating	The direction of the front camera is significantly misaligned.	ELA	Have the system checked.
[Not Available, Seat Belt Not Fastened]	Unfastened driver's seat belt	ProPILOT Assist	Fasten driver's seat belt.

For system malfunction

Warning light/Warning message	Symptom	System to check	Action to take
[System fault See Owner's Manual] and Illuminating	System malfunction	Intelligent Emergency Braking and Intelligent Forward Collision Warning	Stop the vehicle in a safe location. Turn the EV system off and restart the EV system. If the warning light/message continues to illuminate, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.
[System fault See Owner's Manual] and Illuminating		RAB	
[System fault See Owner's Manual]		BSW with Exit Warning, RCTA, ICC, Intelligent Distance Control (IDC), ProPILOT Assist, Steering Assist	
[System fault See Owner's Manual] and / / Illuminating		ELA, Intelligent Driver Alertness and TSR	
[Parking sensor system fault See Owner's Manual]		Parking sensor (sonar) system	
[Driver Monitoring Unavailable See Owner's Manual] and illuminating		DMS	

Camera, radar and parking sensor (sonar) locations

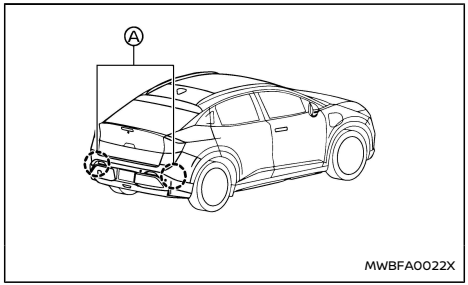
The camera, radar and parking sensors that are used by each Driver Assistance systems are located on the front and rear of the vehicle. For the maintenance of each component, see "System maintenance" section in this Owner's Manual for each application system.



Vehicle front

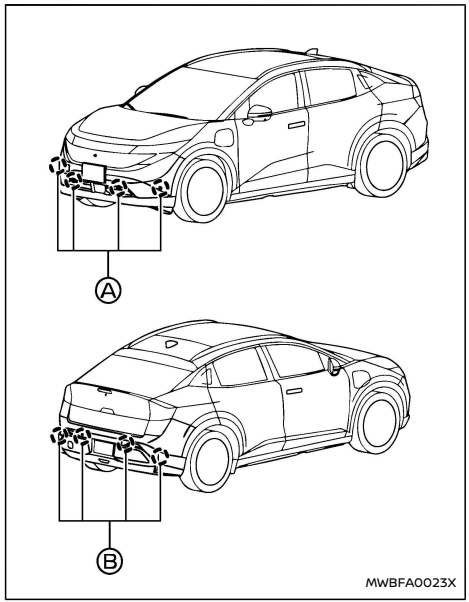
Ⓐ Front camera unit
- — Intelligent Emergency Braking
- — Emergency Lane Assist (ELA)
- — Steering Assist
- — High beam assist
- — Adaptive LED headlight
- — Traffic Sign Recognition (TSR)
- — Intelligent Distance Control (IDC)

Ⓑ Front radar sensor
- — Intelligent Emergency Braking
- — Intelligent Forward Collision Warning
- — Intelligent Cruise Control (ICC)
- — Intelligent Distance Control (IDC)



Vehicle rear

Ⓐ Side radar sensor
- — Emergency Lane Assist (ELA)
- — Blind Spot Warning (BSW) with Exit Warning
- — Rear Cross Traffic Alert (RCTA)



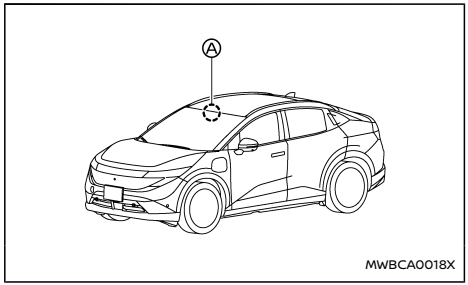
8 sensors

Parking sensors

Ⓐ Front parking sensors
- — Parking sensor (sonar) system

Ⓑ Rear parking sensors
- — Rear Automatic Braking (RAB)
- — Parking sensor (sonar) system

TRAFFIC SIGN RECOGNITION (TSR)



The Traffic Sign Recognition (TSR) system provides the driver with information about the most recently detected speed limit. The system captures the road sign information with the multi-sensing front camera unit Ⓐ located on the windscreen in front of the inside mirror and displays the detected signs in the vehicle information display and in the Head Up Display (HUD) (where fitted). (See "Head Up Display (HUD) (where fitted)" (P.155).)

The speed limit displayed is based on a combination of the map data and live camera recognition. When a change of the speed limit is detected, the system notifies the driver with a speed display icon and a chime (once). If the vehicle exceeds the speed limit, the system warns the driver by flashing the speed display icon and issues warning chime (four times). The overspeed warning chime can be cancelled if the driver takes action to slow down or pushes the scroll dial on the steering-wheel-mounted controls.

⚠ WARNING

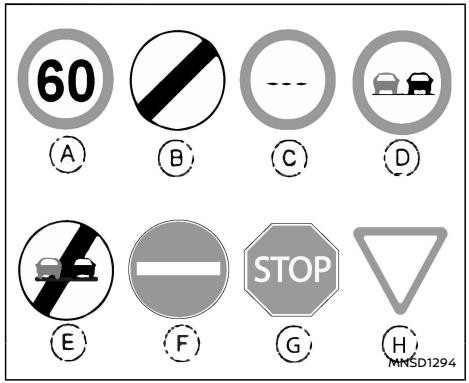
- **The TSR system is only intended to be a support device to help provide the driver with information. It is not a replacement for the driver's attention to traffic conditions or responsibility to drive safely. It cannot prevent accidents due to carelessness. It is the driver's responsibility to stay alert and drive safely at all times.**
- **Any indications and warnings provided by the TSR system will not override the actual speed limit applicable in a particular situation. It is the driver's responsibility to observe and comply with the speed limits at all times.**

The TSR system operates as follows:

- The function will be automatically turned ON when the power switch is placed in the ON position.
- If the license of the map data has expired, the map data cannot be used, which means that in some cases the speed limit display cannot be used.
- To maintain the road sign display performance of the system, periodic updates of the map data are required. See "How to update the map data" (P.293).
- The map data may not be automatically updated in some countries or at locations such as inside a tunnel where the required signal is unavailable.

SYSTEM OPERATION

The TSR system displays the following types of road sign:



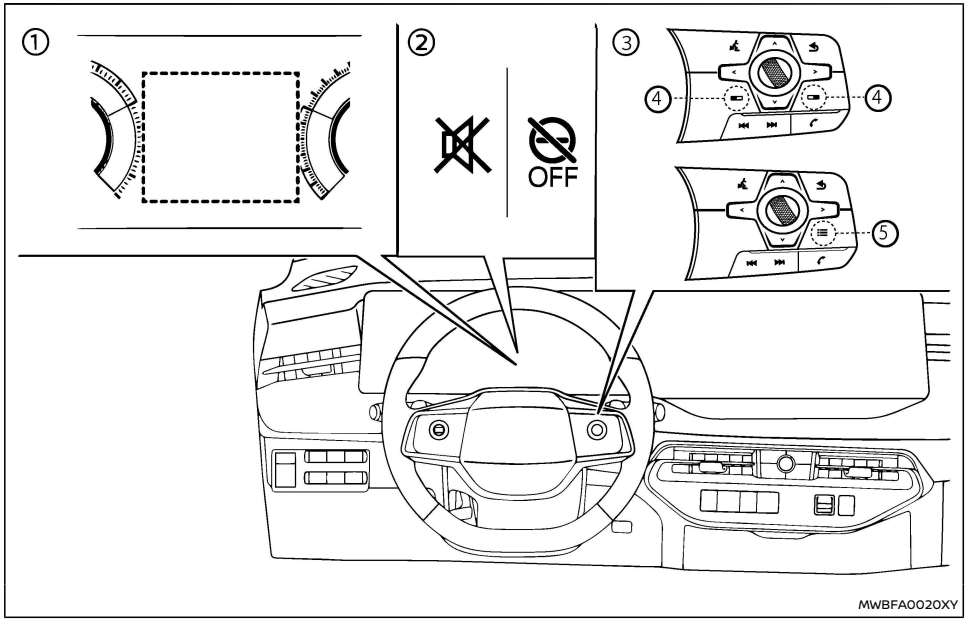
Available road signs

Ⓐ Latest detected speed limit
Ⓑ National speed limit
Ⓒ No speed limit information
Ⓓ No-overtaking zone
Ⓔ End of no-overtaking zone
Ⓕ No-entry sign
Ⓖ Stop sign
Ⓗ Yield sign

CAUTION

- **The TSR system is intended as an aid to careful driving. It is the driver's responsibility to stay alert, drive safely, and observe all road regulations that currently apply, including looking out for road signs.**
- **The TSR system may not function properly under all conditions. Below are some examples:**
  - **— When the road sign is not clearly visible, for example, due to damage or weather conditions.**
  - **— When rain, snow or dirt adheres to the windscreen in front of the multi-sensing front camera unit.**
  - **— When the headlights are not bright, for example, due to dirt on the lens or if the aiming is not adjusted properly.**
  - **— When strong light enters the camera unit. (For example, the light directly shines on the front of the vehicle at sunrise or sunset.)**
  - **— When a sudden change in brightness occurs. (For example, when the vehicle enters or exits a tunnel or under a bridge.)**
  - **— When there is poor visibility. (For example, insufficient illumination of the road, bad weather conditions in rain, snow, fog or heavy spray.)**
  - **— When the traffic signs are damaged or not standard. (For example, incorrect size, height, direction or brightness, broken or bent.)**
  - **— When the traffic signs are hard to detect. (For example, they are covered by dirt or snow, or insufficient lighting.)**
  - **— When the traffic signs are ambiguous. (For example, traffic signs on construction sites, in adjacent lanes or exit lane.)**
  - **— When there is an object similar to traffic signs. (For example, similar signs, board or structure.)**
  - **— When passing traffic signs are outside the camera's field of vision. (For example, after a sharp turn or located too far away.)**
  - **— When electric traffic signs are hard to detect. (For example, low contrast, located too far away or 3 digits.)**
  - **— When overtaking buses or trucks with speed stickers.**
- **The TSR system may display a traffic sign, even though there is no traffic sign in front of the vehicle. It may display a different speed limit from that for a passenger vehicle. (The maximum speed limit sign may show a higher or lower number than the actual maximum speed, for example, when detecting a speed limit sign for trucks, different speed limit with the time of day or day of the week, or speed limit sign using different units near a border, when detecting an electric traffic sign with or without speed limit indication, when detecting an irrelevant speed limit passing by a motorway exit or junction, etc.)**

HOW TO ENABLE/DISABLE THE TSR SYSTEM



① Vehicle information display

② TSR indicators (on the vehicle information display)

③ Steering-wheel-mounted controls (right side)

④ Switch screen button/Shortcut menu button (where fitted)

⑤ Shortcut menu button (where fitted)

Perform the following steps to enable or disable the TSR system, or customise the settings.

Shortcut Menu

1. a. Push the switch screen ④ (where fitted) ◀ (for LHD models) or ▶ (for RHD models) button to display [Shortcut Menu]. Make sure that focus is previously being placed on the vehicle information display.
   b. Push the shortcut menu button ⑤ (where fitted) ☰ to display [Shortcut Menu].
2. Select [Driver Assist Custom] and push the scroll dial to enable the system settings.
3. Select [Custom Mode Setup] and push the scroll dial to customise the settings.

- [Speed Limit]

  The TSR system can be customised or turned off.

  [Warning]: Both the speed limit information display and overspeed warning function (display and chime) are enabled.

  [Info only]: Only the speed limit display is enabled (overspeed alarm sound and flashing display are disabled).

  [OFF]: The TSR system is disabled.

- [New Limit Alert]

  Notification (chime) when the speed limit changes is enabled or disabled.

Settings

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
2. Select [Traffic Sign Assist]. Then push the scroll dial.

The following items are available:

- [Speed Limit]

  The TSR system can be customised or turned off.

  [Warning]: Both the speed limit information display and overspeed warning function (display and chime) are enabled.

  [Info only]: Only the speed limit display is enabled (overspeed alarm sound and flashing display are disabled).

  [OFF]: The TSR system is disabled.
- [New Limit Alert]

  Notification (chime) when the speed limit changes is enabled or disabled.
- [Road Sign Alert] (where fitted)

  If this setting is turned on, additional road signs could be displayed (No-entry, Stop, Yield)

If the following menu items are not available in the vehicle information display, please check menu of the Navigation system. For details, please refer to the NissanConnect Owner's Manual.

- Traffic Sign Assist update by USB

  This is used to update the map data. (See "How to update the map data" (P.293)).
- Traffic Sign Assist

  The map license information can be confirmed.

  — Database version
  The version of the map data can be confirmed

  — Licence Expiration
  The expiry date of the map licence.

NOTE:

- **When the overspeed warning function is disabled ([Info only] is selected), the " " indicator appears in the vehicle information display. (The indicator will turn off after a period of time.)**
- **When both the speed limit display and overspeed warning function are disabled ([OFF] is selected), the " " indicator (white) appears in the vehicle information display.**
- **When the power switch is placed in the ON position, the " " indicator (yellow) appears. After starting the EV system, the indicator turns off. This indicates the TSR system is operational.**

SYSTEM TEMPORARILY UNAVAILABLE

Condition A

If the vehicle is parked in direct sunlight under high temperature conditions (over approximately 40°C (104°F)) and then started, the TSR system may be deactivated automatically. The " " indicator (yellow) and the [Currently Unavailable Front Camera High Temperature] warning message will appear in the vehicle information display.

Action to take:

When the interior temperature is reduced, the TSR system will resume operating automatically.

Condition B

In the following conditions, the " " indicator (yellow) and the [Temporarily Disabled Camera Blocked See Owner's Manual] warning message will appear in the vehicle information display and the system will be turned off automatically.

- The camera area of the windscreen is covered with moisture, snow, ice, dirt or some other object.
- The camera area of the windscreen is continuously covered with dirt, etc.

Action to take:

Check that the windscreen is clean and free from ice/mist in front of the camera. If necessary, operate the Max defogging/defrosting function to clear. This may take several minutes.

When the above conditions no longer exist, the TSR system will resume automatically.

Condition C

If the data communication between systems is temporarily interrupted for some reason, the " " indicator (yellow) and the [Currently Unavailable] warning message will appear in the vehicle information display.

Action to take:

If the warning message appears, pull off the road to a safe location and stop the vehicle. Turn the EV system off and restart the EV system. If the warning message continues to appear, have the TSR system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MALFUNCTION

If the TSR system malfunctions, it will be turned off automatically, and the " OFF " indicator (yellow) and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

Action to take

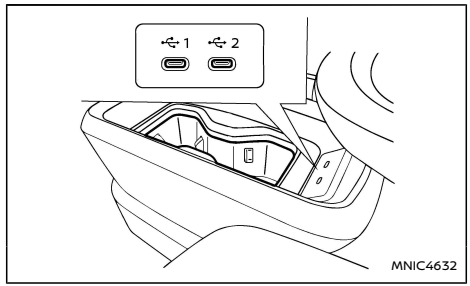
If the warning message appears, pull off the road to a safe location and stop the vehicle. Turn the EV system off and restart the EV system and continue driving. If the warning message continues to appear, have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE

The TSR system uses the same multi-sensing front camera unit that is used by the Emergency Lane Assist (ELA) system, located in front of the inside mirror. For maintenance of the camera, see "System maintenance" (P.299).

How to update the map data

The USB ports used to update the TSR data are located in the center console box as shown in the following image.

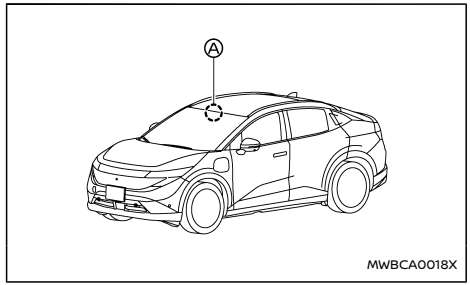


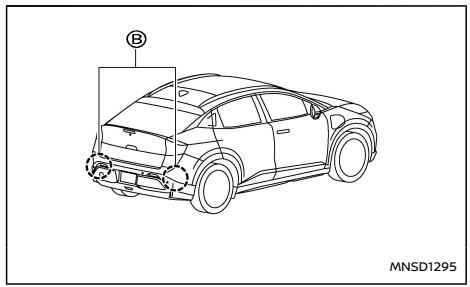
The map data used for the TSR system can be updated by downloading a new map data to a USB memory device and installing it to the vehicle.

For the map data update, some equipment is necessary depending on the model.

Please visit https://nissan.navigation.com/nissan-road-database-update.

For detailed specification and recommended products, please contact a NISSAN dealer or qualified workshop.





⚠ WARNING

Failure to follow the warnings and instructions for proper use of the ELA system could result in serious injury or death.

- **The ELA system will not steer the vehicle or prevent loss of control. It is the driver's responsibility to stay alert, drive safely,**

keep the vehicle in the travelling lane, and be in control of the vehicle at all times.

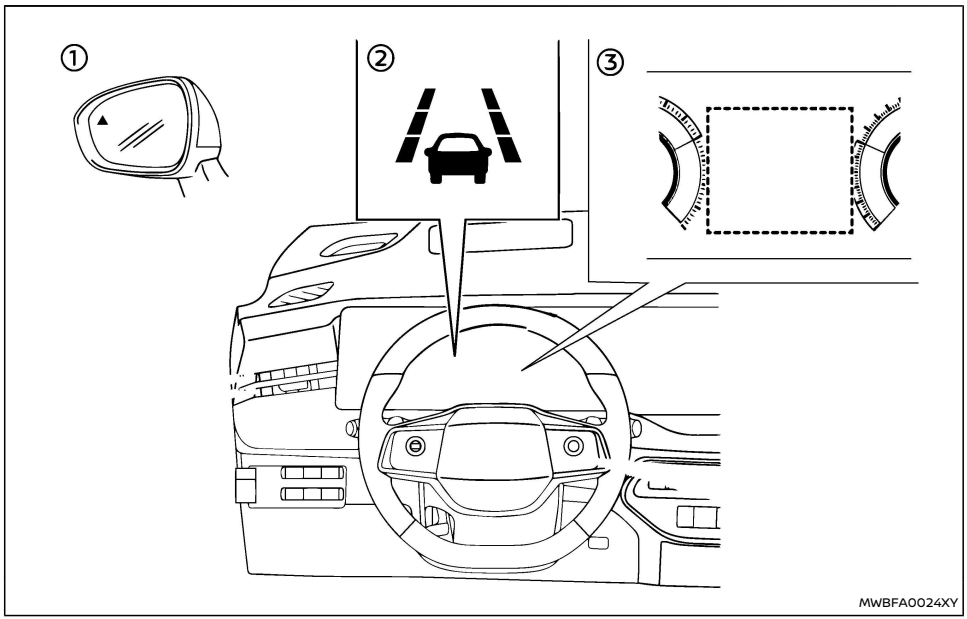
- **The ELA system is intended to work on all roads with well defined markings or road edges, but it may not detect the road edge or lane markers in certain road, weather or driving conditions.**
- **There is a limitation to the detection capability of the sensors. Always be aware of your surrondings and be prepared to react to avoid accidents.**

The ELA system is automatically turned on each time the EV system is restarted. (See "How to enable/disable the ELA system" (P.296).)

The sensitivity of the ELA system can be adjusted, and this setting is kept until changed again by the driver

The ELA uses a multi-sensing front camera Ⓐ located above the inside mirror to monitors the lane markers on the travelling lane and to detect other vehicles.

The ELA system also uses radar sensors Ⓑ located near the rear bumper to detect other vehicles.



① Side indicator light
② ELA indicator (on the vehicle information display)
③ Vehicle information display

ELA SYSTEM OPERATION

The ELA system will operate when the vehicle is driven at speeds of approximately 60 km/h (37 MPH) and above, and only when the lane markers or road edge are clearly visible on the road.

The ELA system warns the driver when the vehicle approaches the road edge or lane markers with an indicator on the vehicle information display and

steering wheel vibration. The system helps assist the driver to return the vehicle to the travelling lane by applying the steering to the left or right wheels individually (for a short period of time) in the following circumstances:

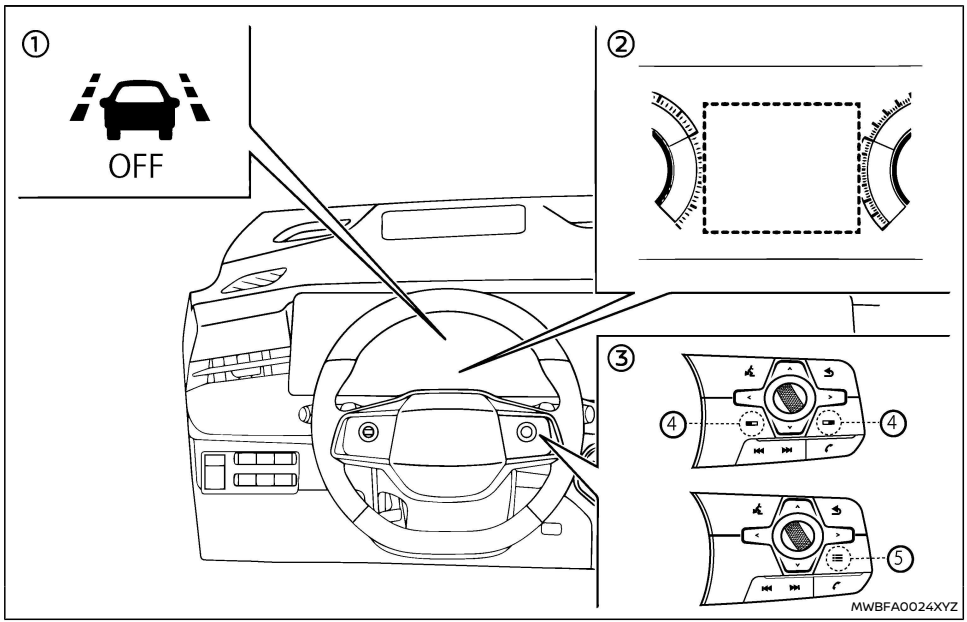
- If [Emergency Lane] is ON in the settings menu of the vehicle information display:
  - the system warns the driver when the vehicle is approaching a lane marker or road edge.
  - the system assists the driver to return the vehicle to the travelling lane when the vehicle is approaching a solid line or road edge, or when there are vehicles in the adjacent lane. In this case, the ELA system may operate below the speed of 60 km/h (37 MPH).
  - the system warns and assists the driver to return the vehicle to the travelling lane when there are overtaking vehicles in adjacent lanes. The side indicator light will also flash.
- If [Advanced Lane] is ON in the settings menu, the system assists the driver to return the vehicle to the travelling lane when the vehicle is approaching a dashed line.

For the selection in the settings menu, see "How to enable/disable the ELA system" (P.296).

During steering control by the ELA system, if the system determines that the steering wheel is not being operated, the duration of the warning buzzer increases as the number of assists increases from the second assist. Even if the system determines that the steering wheel has been operated, the warning buzzer will continue to sound for a certain period of time.

The strength of the steering wheel vibration can be changed in the settings menu of the vehicle information display. (See "[Driver Assistance]" (P.129).)

HOW TO ENABLE/DISABLE THE ELA SYSTEM



① ELA OFF indicator (on the vehicle information display)

② Vehicle information display

③ Steering-wheel-mounted controls (right side)

④ Switch screen button/Shortcut menu button (where fitted)

⑤ Shortcut menu button (where fitted)

Perform either of the following steps to enable or disable the ELA system.

Shortcut Menu

1. a. Push the switch screen ④ (where fitted) ◀ (for LHD models) or ▶ (for RHD models) button to display [Shortcut Menu]. Make sure that focus is previously being placed on the vehicle information display.
   b. Push the shortcut menu button ⑤ (where fitted) ☰ to display [Shortcut Menu].
2. Select [Driver Assist Custom] and push the scroll dial to enable the system settings.
3. Select [Custom Mode Setup] and push the scroll dial.
4. Select [Emergency Lane] and push the scroll dial to turn the system on or off. When [Advanced Lane] is selected, a part of the ELA system functions is turned on or off.

Settings

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
2. Select [Lane Assist] and push the scroll dial.
3. Select [Emergency Lane] and push the scroll dial to turn the system on or off.

   When [Advanced Lane] is selected, a part of the ELA system functions is turned on or off.

When [Emergency Lane] is turned off, the ELA system OFF indicator illuminates and the ELA system will be turned off.

For details, see “Vehicle information display” (P.126).

NOTE:

The ELA system will be automatically turned on each time the EV system is restarted.

Applied road conditions:

- [Emergency Lane]: Lane assist on the road with a solid line or road edge
- [Advanced Lane]: Lane assist on the road with a dashed line

NOTE:

Warning function will be automatically turned on each time the EV system is restarted.

Setting lane sensitivity

You can set lane sensitivity using the [Settings] menu in the vehicle information display.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
2. Select [Lane Assist] and push the scroll dial.
3. Select [Lane Sensitivity].
   - [Strong]
   - [Normal]
   - [Mild]

NOTE:

The sensitivity setting will be retained even if the EV system is restarted.

Even if the ELA system is disabled in the [Settings] menu, the ELA system will automatically be turned on when the Steering Assist system (where fitted) is active. (After that, when the Steering Assist system stops operating, the ELA system state returns to the state before the Steering Assist system operated.)

ELA SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the ELA system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The ELA system may activate if you cross a lane marker without first activating your turn signal or, for example, if a construction zone directs traffic to cross an existing lane marker. If this occurs you may need to apply corrective steering to complete your lane change.**
- **Because the ELA may not function due to weather or other environmental conditions, it must not be relied upon and you may need to implement corrective steering. Always be prepared to react to surroundings.**
- **The ELA system will not operate at speeds below operating speed, or if it cannot detect lane markers.**
- **Do not use the ELA system under the following conditions, there could be serious affect on vehicle safety with risk of an accident and injury or death.**
  - **— When driving without normal tyre conditions (for example, tyre wear, low tyre pressure, installation of other tyre than NISSAN certified standard tyre, tyre chains, nonstandard wheels). See "Wheels and tyres" (P.451).**
  - **— When the vehicle is equipped with non-original brake parts, steering parts or suspension parts.**
  - **— When towing a trailer or other vehicle.**
- **The ELA system may not function properly in the following conditions**
  - **— During bad weather (rain, fog, snow, etc.).**
  - **— When driving on slippery roads, such as on ice or snow.**
  - **— When driving on winding or uneven roads.**
  - **— When there is a lane closure due to road repairs.**
  - **— When driving in a makeshift or temporary lane.**
  - **— When driving on roads where the lane width is too narrow.**
  - **— On roads where there are multiple parallel lane markers; lane markers that are faded or not painted clearly; yellow painted lane markers; nonstandard lane markers; or lane markers covered with water, dirt, snow, etc.**
  - **— On roads where the edge of the road is not clearly visible.**

- **— On roads where discontinued lane markers are still detectable.**
- **— On roads where there are sharp curves.**
- **— On roads where there are sharply contrasting objects, such as shadows, snow, water, wheel ruts, seams or lines remaining after road repairs. (The ELA system could detect these items as lane markers.)**
- **— On roads where the travelling lane merges or separates.**
- **— When the vehicle's travelling direction does not align with the lane marker.**
- **— When travelling close to the vehicle in front of you, which obstructs the lane camera unit detection range.**
- **— When rain, snow, dirt or object adheres to the windscreen in front of the lane camera unit.**
- **— When the headlights are not bright due to dirt on the lens or if the aiming is not adjusted properly.**
- **— When strong light enters the lane camera unit. (For example, the light directly shines on the front of the vehicle at sunrise or sunset.)**
- **— When a sudden change in brightness occurs. (For example, when the vehicle enters or exits a tunnel or under a bridge.)**

- **Steering wheel vibration may not be felt depending on the road surface conditions.**

Listed below are the system limitations for the overtaking detection feature of the ELA system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The ELA system cannot detect all overtaking vehicles under all conditions.**
- **The radar sensors may not be able to detect and activate ELA when certain objects are present such as:**
  - **— Pedestrians, bicycles, animals.**
  - **— Vehicles such as low height vehicles, or vehicles with high ground clearance.**
  - **— Vehicles remaining in the detection zone when you accelerate from a stop.**
  - **— A vehicle merging into an adjacent lane at a speed approximately the same as your vehicle.**
  - **— A vehicle approaching rapidly from behind.**
  - **— A vehicle which your vehicle overtakes rapidly.**
  - **— A vehicle that passes through the detection zone quickly.**
- **The radar sensor's detection zone is designed based on a standard lane width. When driving in a wider lane, the radar sensors may not detect vehicles in an adjacent lane. When driving in a narrow lane, the radar sensors may detect vehicles driving two lanes away.**
- **The radar sensors are designed to ignore most stationary objects, however objects such as guardrails, walls, foliage and parked vehicles may occasionally be detected. This is a normal operation condition.**
- **The following conditions may reduce the ability of the radar to detect other vehicles:**
  - **— Severe weather**
  - **— Road spray**
  - **— Ice/frost/dirt build-up on the vehicle**
- **Do not attach stickers (including transparent material), install accessories or apply additional paint near the radar sensors. These conditions may reduce the ability of the radar to detect other vehicles.**

SYSTEM TEMPORARILY UNAVAILABLE

Condition A:

The warning and assist functions of the ELA system are not designed to work under the following conditions:

- When you operate the lane change signal and change the travelling lanes in the direction of the signal. (The ELA system will be deactivated for approximately 2 seconds after the lane change signal is turned off). This does not apply if an overtaking vehicle is detected.

- When the vehicle speed lowers to less than operating speed.

After the above conditions have finished and the necessary operating conditions are satisfied, the warning and assist functions will resume.

Condition B:

The assist function of the ELA system is not designed to work under the following conditions (warning is still functional):

- When the brake pedal is depressed or if the vehicle decelerates strongly.
- When the steering wheel is turned as far as necessary for the vehicle to change lanes.
- When the vehicle is accelerated during the ELA system operation.
- When the Intelligent Cruise Control (ICC) approach warning occurs (where fitted)
- When the hazard warning flashers are operated.
- When driving on a curve at high speed.
- When the vehicle is making a sharp turn.
- When the Intelligent Emergency Braking system operates.
- When the ESP system (except Traction Control System (TCS) function) or ABS operates.

After the above conditions have finished and the necessary operating conditions are satisfied, the ELA system application of the brakes will resume.

Condition C:

If the ESP system is turned OFF, the ELA system will be turned off automatically, the [Currently Unavailable ESP OFF] warning message will appear and the ELA indicator (yellow) will illuminate in the vehicle information display.

When the ESP system turns ON again and the necessary operating conditions are satisfied, the ELA system application of the brakes will resume.

Condition D:

If one of the following messages appears and the ELA indicator illuminates in the vehicle information display, the ELA system will be turned off automatically:

- [Temporarily Disabled Side Radar Blocked See Owner's Manual]: When the rear side radar is blocked. Always keep the area near the radar sensors clean.
- [Currently Unavailable Front Camera High Temperature]: If the vehicle is parked in direct sunlight under high temperature conditions (over approximately 40°C (104°F)) and then the ELA system is turned on, the ELA system may be deactivated automatically and the ELA indicator illuminates.
- [Currently Not Available]: When the direction of the front camera is significantly misaligned. Have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

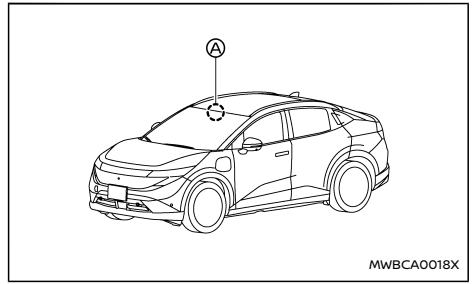
SYSTEM MALFUNCTION

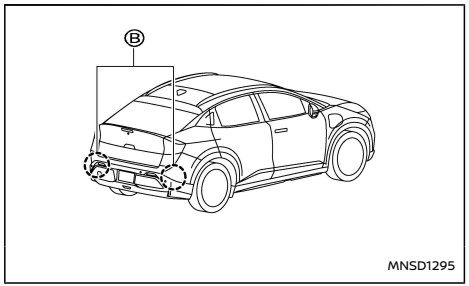
When the ELA system malfunctions, it will cancel automatically. The ELA indicator (yellow) will illuminate, the [System fault See Owner's Manual] warning message will appear in the vehicle information display and a chime will sound.

Action to take

If the warning message appears, pull off the road to a safe location and stop the vehicle. Turn the EV system off and restart the EV system. If the warning message continues to appear, have the ELA system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE





The camera Ⓐ is located on the upper side of the windscreen. To keep the ELA system operating properly, be sure to observe the following:

- Always keep the camerar area on the windscreen and the front of the vehicle clean.
- Do not strike or damage the areas around the camera(windscreen).
- Do not cover or attach stickers or similar objects on the front of the vehicle near the camera area. This could cause failure or malfunction.
- Do not place reflective materials, such as white paper or a mirror, on the instrument panel. The reflection of sunlight may adversely affect the camera unit's detection capability of detecting lane markers.

The two radar sensors Ⓑ for the ELA system are located near the rear bumper. Always keep the area near the radar sensors clean.

The radar sensors may be blocked by temporary ambient conditions such as snow, splashing water, mist or fog. The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the radar sensors.

Check for and remove objects obstructing the area around the radar sensors.

Do not attach stickers (including transparent material), install accessories or apply additional paint near the radar sensors.

Do not strike or damage the area around the radar sensors.

It is recommended you visit a NISSAN certified electric vehicle dealer if the area around the radar sensors is damaged due to a collision.

Precautions on repairing the bumper

When repairing the bumper, take caution because the radar sensors are installed on the bumper.

The radar sensor detects objects by emitting a radar signal and then measuring its reflection.

⚠ WARNING

If an improper repair is performed on the bumper (for example, application of putty made from different materials, repaint, etc.) the radar signal could be weakened or prevented from functioning properly. This may cause the radar sensor not to detect objects correctly. Improper repair may result in serious personal injury. If it is necessary to repair the bumper, it is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Radio frequency statement

For the radio approval numbers and information, see "Radio approval number and information" (P.471).

BLIND SPOT WARNING (BSW) WITH EXIT WARNING

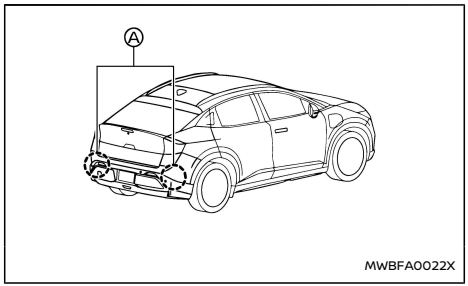
⚠ WARNING

Failure to follow the warnings and instructions for proper use of the BSW system could result in serious injury or death.

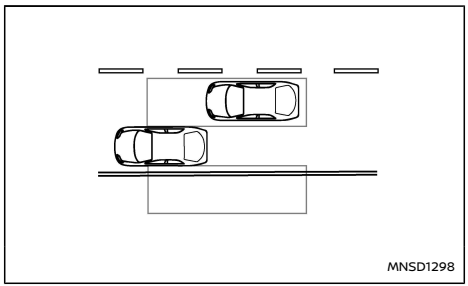
- **The BSW system is not a replacement for proper driving procedure and is not designed to prevent contact with vehicles or objects. When changing lanes, always use the side and rear mirrors and turn and look in the direction your vehicle will move to ensure it is safe to change lanes. Never rely solely on the BSW system.**
- **The Exit Warning system is not designed to prevent contact with other vehicles, bicycles or objects. When opening the doors or exiting the vehicle, always look around to ensure it is safe to exit. Never rely solely on the Exit Warning system.**

The BSW system helps alert the driver of other vehicles in adjacent lanes when changing lanes.

The Exit Warning system helps alert if the doors are open when other vehicles or bicycles are approaching from behind.



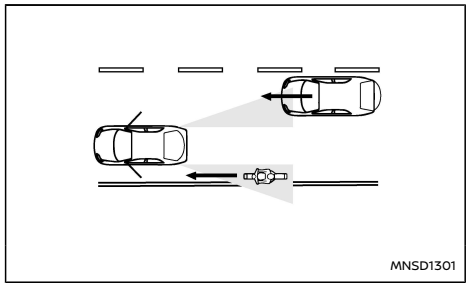
The BSW system uses radar sensors Ⓐ installed near the rear bumper to detect other vehicles in an adjacent lane.



BSW detection area

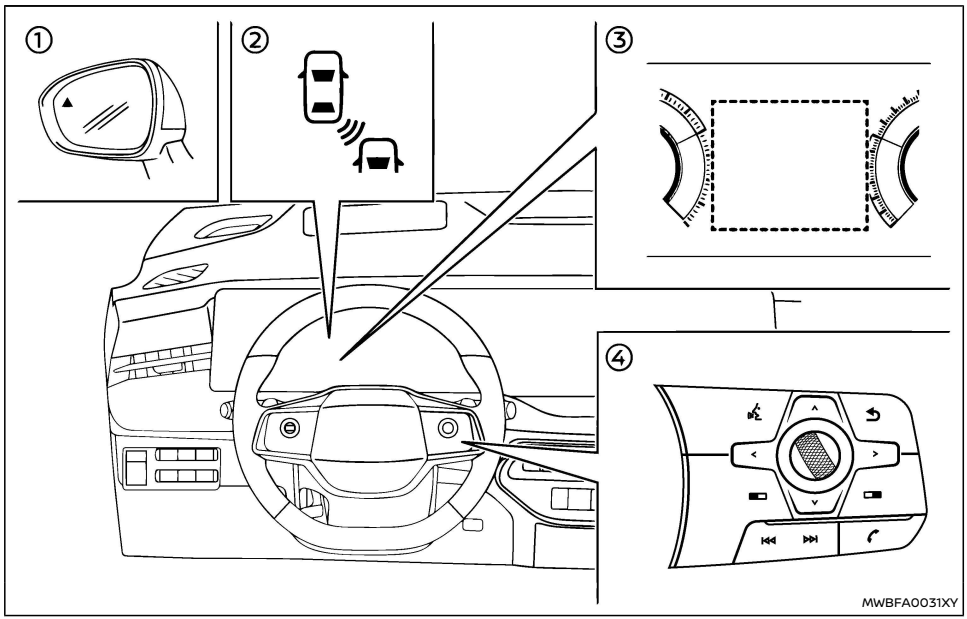
The radar sensors can detect vehicles on either side of your vehicle within the detection area shown as illustrated. This detection area starts from the outside mirror of your vehicle and extends approximately 3.0 m (10 ft) behind the rear bumper, and approximately 3.0 m (10 ft) sideways.

The Exit Warning system uses radar sensors Ⓐ installed near the rear bumper to detect other vehicles or bicycles that are approaching from behind.



Exit Warning detection area

The radar sensors can detect vehicles or bicycles on either side of your vehicle with the detection area shown as illustrated.



① BSW LED indicator light
② BSW indicator (on the vehicle information display)
③ Vehicle information display
④ Steering-wheel-mounted controls (right side)

BSW SYSTEM OPERATION

The BSW system operates above approximately 32 km/h (20 MPH).

If the radar sensors detect a vehicle in the detection area, the BSW LED indicator light illuminates.

If the turn signal is then activated, the system chimes (twice) and the BSW LED indicator light and BSW indicator flash. The BSW LED indicator light and BSW indicator continue to flash until the detected vehicle leaves the detection area.

The BSW LED indicator light illuminates for a few seconds when the power switch is placed in the ON position.

The brightness of the BSW LED indicator light is adjusted automatically depending on the brightness of the ambient light.

EXIT WARNING SYSTEM OPERATION

The Exit Warning system operates under the following conditions:

- When the shift position is other than R (Reverse) position.
- When the vehicle is stationary.
- When the EV system is running or within 3 minutes since the EV system was stopped (if a door is opened and closed, the operation time may be extended).

If the radar sensors detect an approaching vehicle or bicycles from behind that may collide with the door in the detection area, the BSW LED indicator light illuminates.

If the door is then opened, the system chimes (thrice) and both the BSW LED indicator light and the BSW indicator flash.

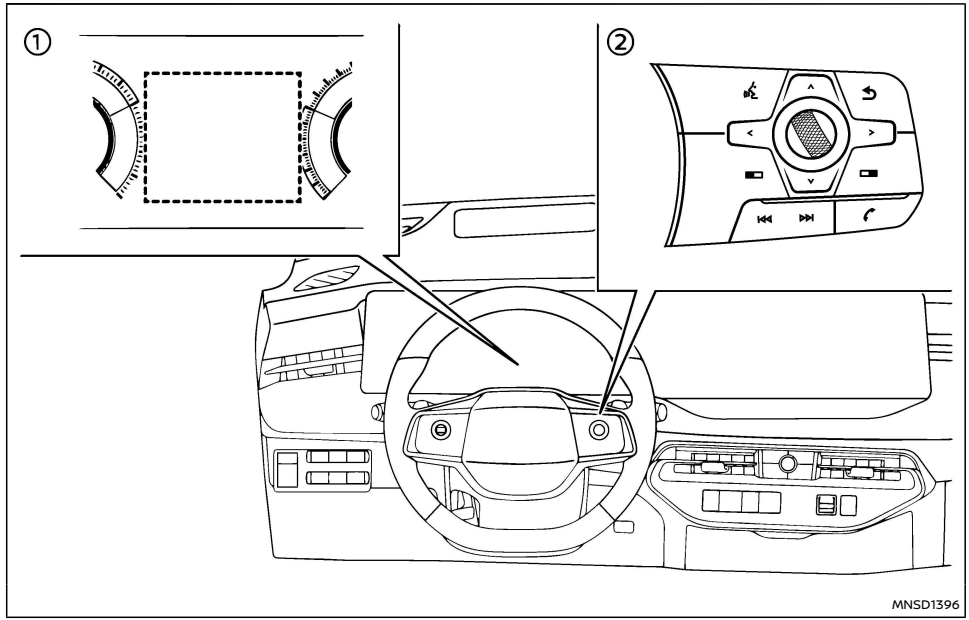
In addition to the above, the message [Vehicle in blind spot] appears in the vehicle information display.

The BSW LED indicator light and the BSW indicator will continue to flash until the detected vehicle or bicycle, leaves the detection area.

The BSW LED indicator light illuminates for a few seconds when the power switch is placed in the ON position.

The brightness of the BSW LED indicator light is adjusted automatically depending on the brightness of the ambient light.

HOW TO ENABLE/DISABLE THE BSW WITH EXIT WARNING SYSTEM



① Vehicle information display

② Steering-wheel-mounted controls (right side)

Perform the following steps to enable or disable the BSW system.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.

2. Select [Blind Spot Assist] and push the scroll dial.
3. For the BSW system:

   Select [Warning] and push the scroll dial to turn the system on or off.

   and/or
4. For the Exit Warning:

   Select [Exit Warning] and push the scroll dial to turn the Exit Warning on or off.

NOTE:

The BSW system will retain current settings in the vehicle information display even if the EV system is restarted.

The Exit Warning system will be automatically turned on each time the EV system is restarted.

BSW WITH EXIT WARNING SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the BSW with Exit Warning system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The BSW with Exit Warning system cannot detect all vehicles under all conditions.**
- **The radar sensors may not be able to detect and activate BSW with Exit warning when certain objects are present such as:**
  - **— Vehicles such as motorcycles, low height vehicles, or high ground clearance vehicles.**
  - **— Bicycle (except for Exit Warning system).**
  - **— Vehicles remaining in the detection zone when you accelerate from a stop. (except for Exit Warning system)**
  - **— A vehicle merging into an adjacent lane at a speed approximately the same as your vehicle. (except for Exit Warning system)**
  - **— A vehicle approaching rapidly from behind.**
  - **— A vehicle which your vehicle overtakes rapidly. (except for Exit Warning system)**
  - **— A vehicle that passes through the detection zone quickly.**
  - **— When overtaking several vehicles in a row, the vehicles after the first vehicle may not be detected if they are travelling close together. (except for Exit Warning system)**
- **The radar sensors may not be able to detect and activate the Exit Warning system when certain objects are present, such as:**
  - **— Vehicles or bicycles approaching slowly from behind.**
- **The radar sensors do not detect or activate BSW with Exit Warning system when certain object are present such as:**
  - **— Pedestrians*, animals*.**
  - **— Oncoming vehicles*.**
- **The radar sensor's detection zone is designed based on a standard lane width. When driving in a wider lane, the radar sensors may not detect vehicles in an adjacent lane. When driving in a narrow lane, the radar sensors may detect vehicles driving two lanes away.**
- **The radar sensors are designed to ignore most stationary objects, however objects such as guardrails, walls, foliage and parked vehicles may occasionally be detected. This is a normal operation condition.**
- **The following conditions may reduce the ability of the radar to detect other vehicles:**
  - **— Severe weather**
  - **— Road spray**
  - **— Ice/frost/dirt build-up on the vehicle**
- **The following conditions may reduce the ability of the radar to detect other vehicles (for the Exit Warning system):**
  - **— When a parked vehicle, wall or other stationary object is in the radar area.**
  - **— When an approaching vehicles or bicycles just moving from stationary.**
  - **— When the vehicle is parked on a slope.**
  - **— When the vehicle is parked in a curve.**
  - **— When the vehicle is parked at an angle to the road.**
  - **— When an approaching vehicles or bicycles turn.**

— When a vehicle or bicycles are approaching from an offset position directly behind.

- **Do not attach stickers (including transparent material), install accessories or apply additional paint near the radar sensors. These conditions may reduce the ability of the radar to detect other vehicles.**
- **Do not use the BSW with Exit Warning system when towing a trailer or other vehicle. The system may not function properly.**
- **Excessive noise (for example, audio system volume, open vehicle window) will interfere with the chime sound, and it may not be heard.**

*** – depending on the situation, the system may detect these objects.**

BSW DRIVING SITUATIONS

Indicator on

Indicator off

Indicator flashing

Another vehicle approaching from behind

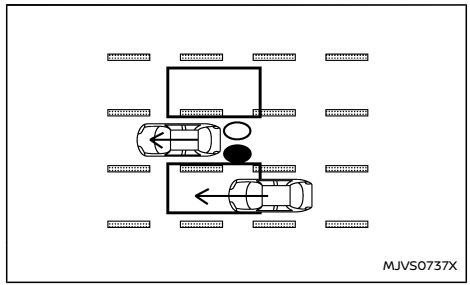


Illustration 1 – Approaching from behind

Illustration 1: The side indicator light illuminates if a vehicle enters the detection zone from behind in an adjacent lane.

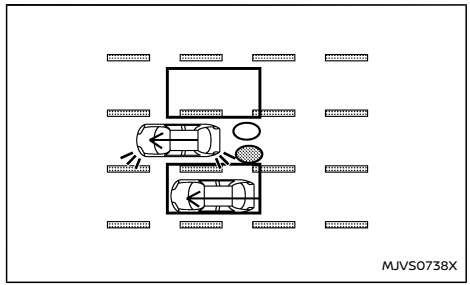


Illustration 2 – Approaching from behind

Illustration 2: If the driver activates the turn signal while another vehicle is in the detection zone, then the system chimes (twice) and the side indicator light and BSW indicator flash.

NOTE:

- **The radar sensors may not detect vehicles which are approaching rapidly from behind.**
- **If the driver activates the turn signal before a vehicle enters the detection zone, the side indicator light and BSW indicator will flash but no chime will sound when the other vehicle is detected.**

Overtaking another vehicle

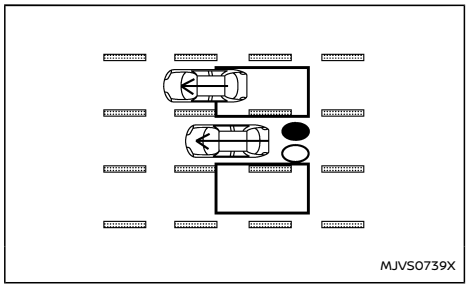


Illustration 3 – Overtaking another vehicle

Illustration 3: The side indicator light illuminates if you overtake a vehicle and that vehicle stays in the detection zone for approximately 3 seconds.

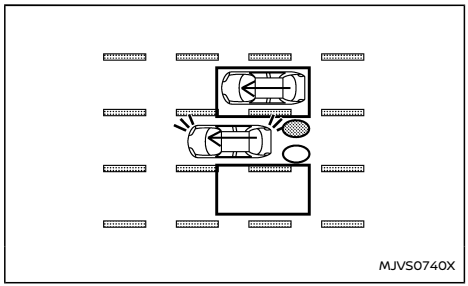


Illustration 4 – Overtaking another vehicle

Illustration 4: If the driver activates the turn signal while another vehicle is in the detection zone, then the system chimes (twice) and the side indicator light and BSW indicator flash.

NOTE:

- **When overtaking several vehicles in a row, the vehicles after the first vehicle may not be detected if they are travelling close together.**
- **The radar sensors may not detect slower moving vehicles if they are passed quickly.**
- **If the driver activates the turn signal before a vehicle enters the detection zone, the side indicator light and BSW indicator will flash but no chime will sound when the other vehicle is detected.**

Entering from the side

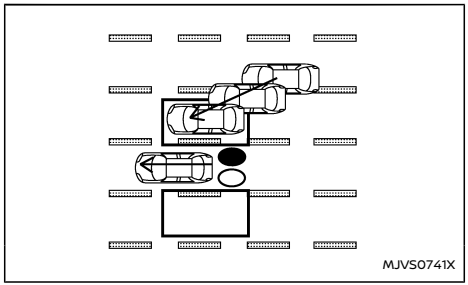


Illustration 5 – Entering from the side

Illustration 5: The side indicator light illuminates if a vehicle enters the detection zone from either side.

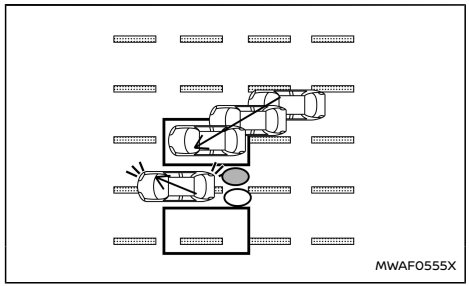


Illustration 6 – Entering from the side

Illustration 6: If the driver activates the turn signal while another vehicle is in the detection zone, then the system chimes (twice) and the side indicator light and BSW indicator flash.

NOTE:

- **If the driver activates the turn signal before a vehicle enters the detection zone, the side indicator light and BSW indicator will flash but no chime will sound when the other vehicle is detected.**
- **The radar sensors may not detect a vehicle which is travelling at about the same speed as your vehicle when it enters the detection zone.**

SYSTEM TEMPORARILY UNAVAILABLE

When radar blockage is detected, the BSW system will be turned off automatically and the [Not available Side radar obstructed] warning message will appear in the vehicle information display.

The system is not available until the conditions no longer exist.

The radar sensors may be blocked by temporary ambient conditions such as snow, splashing water, mist or fog. The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the radar sensors.

NOTE:

If the BSW system stops working, the Rear Cross Traffic Alert (RCTA) system will also stop working.

Action to take:

When the above conditions no longer exist, the system will resume automatically.

SYSTEM MALFUNCTION

When the BSW system malfunctions, it will be turned off automatically and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

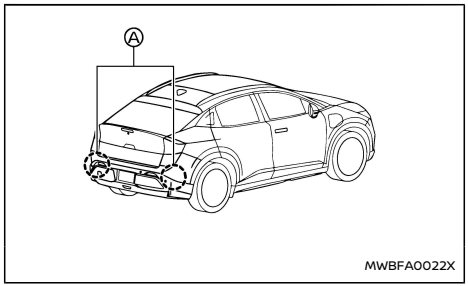
NOTE:

If the BSW system stops working, the Rear Cross Traffic Alert (RCTA) system will also stop working.

Action to take:

Stop the vehicle in a safe location, turn the EV system off and restart the EV system. If the message continues to appear, have the BSW system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE



The two radar sensors Ⓐ for the BSW system are located near the rear bumper. Always keep the area near the radar sensors clean.

The radar sensors may be blocked by temporary ambient conditions such as snow, splashing water, mist or fog.

The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the radar sensors.

Check for and remove objects obstructing the area around the radar sensors.

Do not attach stickers (including transparent material), install accessories or apply additional paint near the radar sensors.

Do not attach metallic objects near the sensor area (brush guard, etc.).

Do not strike or damage the area around the radar sensors.

See a NISSAN certified electric vehicle dealer or other authorised repair shop if the area around the radar sensors is damaged due to a collision.

Precautions on repairing the bumper

When repairing the bumper, take caution because the radar sensors are installed on the bumper.

The radar sensor detects objects by emitting a radar signal and then measuring its reflection.

⚠ WARNING

If an improper repair is performed on the bumper (for example, application of putty made from different materials, repaint, etc.) the radar signal could be weakened or prevented from functioning properly. This may cause the radar sensor not to detect objects correctly. Improper repair may result in serious personal injury. If it is necessary to repair the bumper, it is recommended you visit a NISSAN certified electric vehicle dealer for this service.

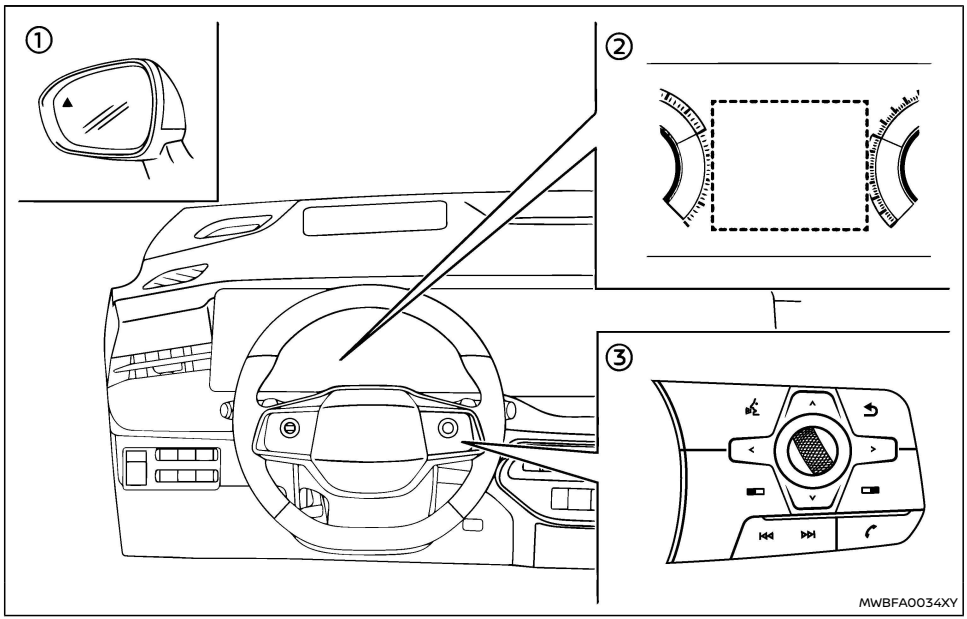
REAR CROSS TRAFFIC ALERT (RCTA)

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the RCTA system could result in serious injury or death.

The RCTA system is not a replacement for proper driving procedures and is not designed to prevent contact with vehicles or objects. When backing out of a parking space, always use the side and rear mirrors and turn and look in the direction your vehicle will move. Never rely solely on the RCTA system.

The RCTA system will assist you when backing out from a parking space. When the vehicle is in reverse, the system is designed to detect other vehicles approaching from the right or left of the vehicle. If the system detects cross traffic, it will alert you.



① Side indicator light
② Vehicle information display
③ Steering-wheel-mounted controls (right side)

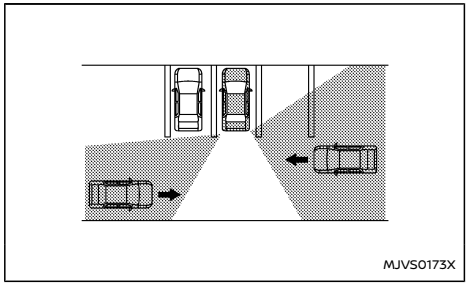
RCTA SYSTEM OPERATION

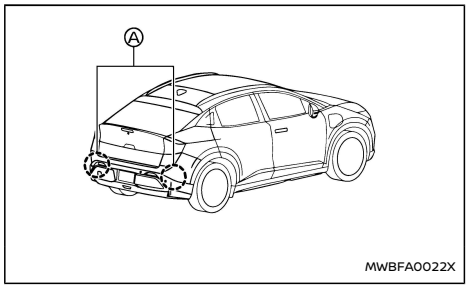
The RCTA system can help alert the driver of an approaching vehicle when the driver is backing out of a parking space.

When the shift position is in R (Reverse) and the vehicle speed is less than approximately 8 km/h (5 MPH), the RCTA system is operational.

If the radar detects an approaching vehicle from

either side, the system chimes (once) and the side indicator light flashes on the side the vehicle is approaching from.


MJVS0173X

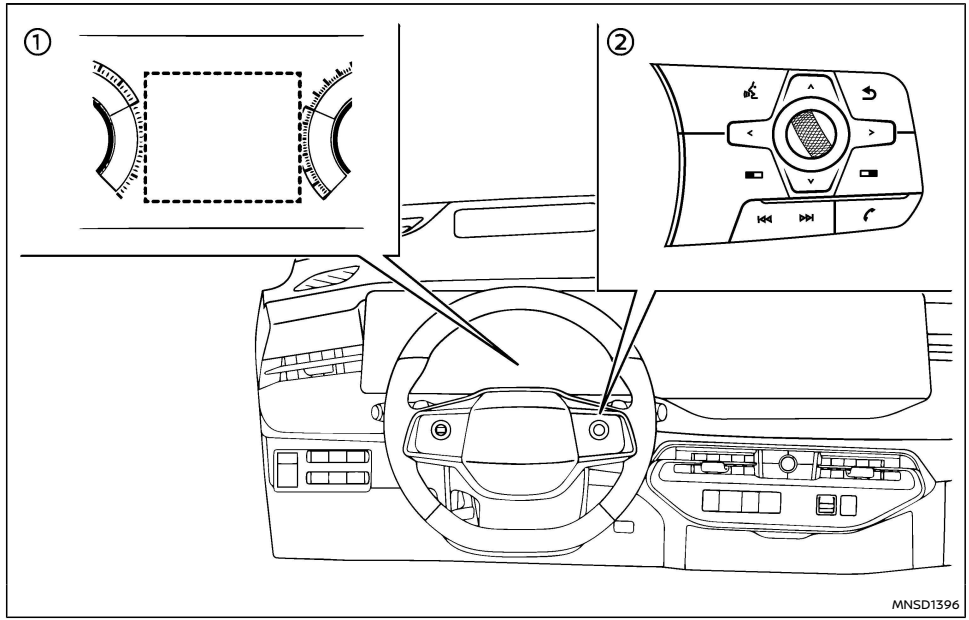


MWBFA0022X

The RCTA system uses radar sensors Ⓐ installed on both sides near the rear bumper to detect an approaching vehicle.

The radar sensors can detect an approaching vehicle from up to approximately 20 m (66 ft) away.

HOW TO ENABLE/DISABLE THE RCTA SYSTEM



MNSD1396

① Vehicle information display

② Steering-wheel-mounted controls (right side)

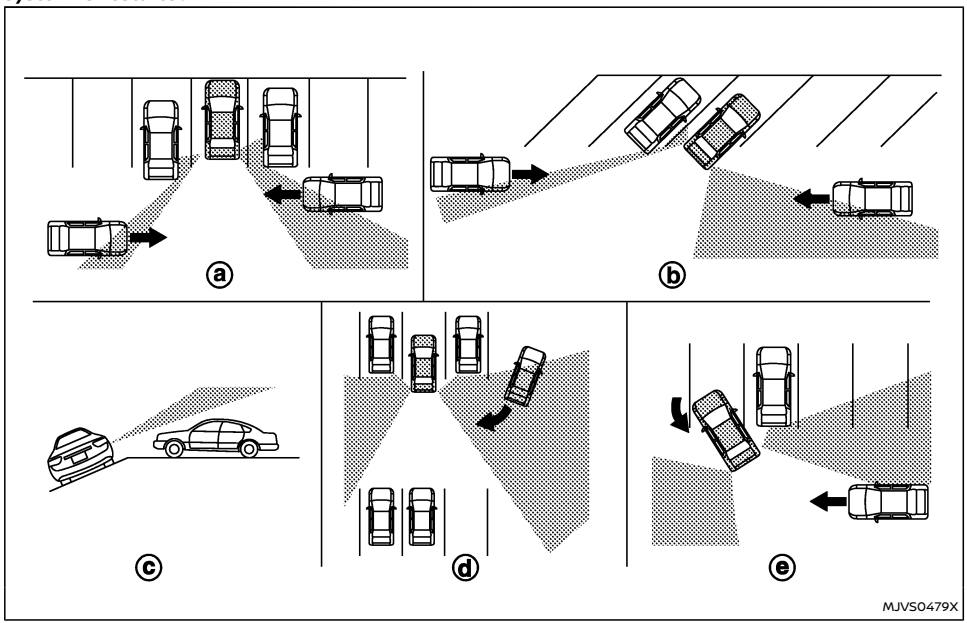
Perform the following steps to enable or disable the RCTA system.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.

2. Select [Parking Aids] and push the scroll dial.
3. Select [Rear Cross Traffic Alert] and push the scroll dial to turn the system on or off.

NOTE:

The system setting will be retained even if the EV system is restarted.



RCTA SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the RCTA system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **Always check surroundings and turn to check what is behind you before reversing. The radar sensors detect approaching (moving) vehicles. The radar sensors cannot detect every object such as:**
  - **— Pedestrians, bicycles, motorcycles, animals or child-operated toy vehicles**
  - **— A vehicle that is passing at speeds greater than approximately 30 km/h (19 MPH)**
  - **— A vehicle that is passing at speeds lower than approximately 8 km/h (5 MPH)**
- **The radar sensors may not detect approaching vehicles in certain situations:**
  - **— Illustration ⓐ: When a vehicle parked next to you obstructs the beam of the radar sensor.**
  - **— Illustration ⓑ: When the vehicle is parked in an angled parking space.**
  - **— Illustration ⓒ: When the vehicle is parked on inclined ground.**
  - **— Illustration ⓓ: When an approaching vehicle turns into your vehicle's parking lot aisle.**

— **Illustration ⓔ: When the angle formed by your vehicle and approaching vehicle is small**

- **The following conditions may reduce the ability of the radar to detect other vehicles:**
  - **Severe weather**
  - **Road spray**
  - **Ice/frost/dirt build-up on the vehicle**
- **Do not attach stickers (including transparent material), install accessories or apply additional paint near the radar sensors. These conditions may reduce the ability of the radar to detect other vehicles**
- **When towing a trailer or other vehicle, turn the RCTA system off to prevent the occurrence of an unexpected accident resulting from sudden system operation.**
- **Excessive noise (e.g. audio system volume, open vehicle window) will interfere with the chime sound, and it may not be heard.**

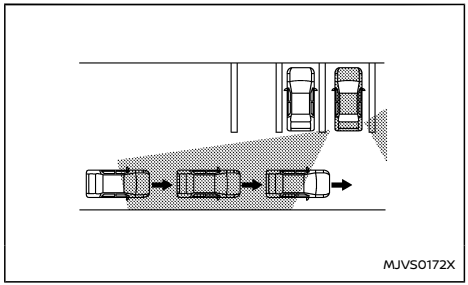


Illustration 1

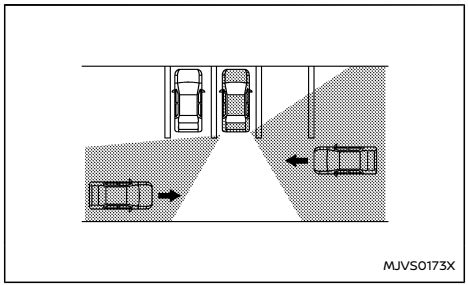


Illustration 2

NOTE:

In the case of several vehicles approaching in a row (Illustration 1) or in the opposite direction (Illustration 2), a chime may not be sounded by the RCTA system after the first vehicle passes the sensors.

SYSTEM TEMPORARILY UNAVAILABLE

When radar blockage is detected, the system will be deactivated automatically. The [Not available Side radar obstructed] warning message will appear in the vehicle information display.

The systems are not available until the conditions no longer exist.

The radar sensors may be blocked by temporary ambient conditions such as snow, splashing water, mist or fog.

The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the radar sensors.

NOTE:

If the BSW system stops working, the RCTA system will also stop working.

Action to take:

When the above conditions no longer exist, the system will resume automatically.

SYSTEM MALFUNCTION

When the RCTA system malfunctions, it will turn off automatically. The [System fault See Owner's Manual] warning message will appear in the vehicle information display.

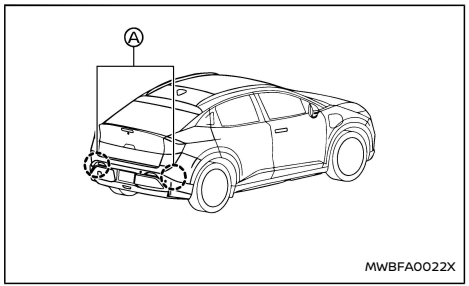
NOTE:

If the BSW system stops working, the RCTA system will also stop working.

Action to take:

Stop the vehicle in a safe location, turn the EV system off and restart the EV system. If the message continues to appear, have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE



The two radar sensors Ⓐ for the RCTA system are located near the rear bumper. Always keep the area near the radar sensors clean.

The radar sensors may be blocked by temporary ambient conditions such as snow, splashing water, mist or fog.

The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the radar sensors.

Check for and remove objects obstructing the area around the radar sensors.

Do not attach stickers (including transparent material), install accessories or apply additional paint near the radar sensors.

Do not attach metallic objects near the sensor area (brush guard, etc.). This could cause failure or malfunction.

Do not strike or damage the area around the radar sensors. It is recommended that you visit a NISSAN certified electric vehicle dealer if the area around the radar sensors is damaged due to a collision.

Precautions on repairing the bumper

When repairing the bumper, take caution because the radar sensors are installed on the bumper.

The radar sensor detects objects by emitting a radar signal and then measuring its reflection.

⚠ WARNING

If an improper repair is performed on the bumper (for example, application of putty made from different materials, repaint, etc.) the radar signal could be weakened or prevented from functioning properly. This may cause the radar sensor not to detect objects correctly. Improper repair may result in serious personal injury. If it is necessary to repair the bumper, it is recommended you visit a NISSAN certified electric vehicle dealer for this service.

The speed limiter allows you to set the desired vehicle speed limit. While the speed limiter is activated, the driver can perform normal braking and acceleration, but the vehicle will not exceed the set speed.

⚠ WARNING

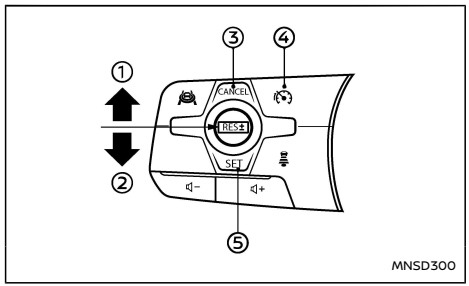
- **Always observe posted speed limits. Do not set the speed over them.**
- **Always confirm the setting status of the speed limiter on the vehicle information display.**

When the speed limiter is on, the cruise control (where fitted) or the Intelligent Cruise Control (ICC) system (where fitted) cannot be operated.

SPEED LIMITER OPERATIONS

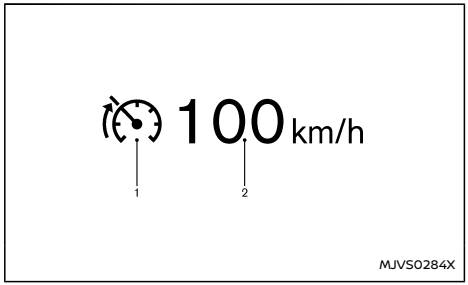
The speed limiter can be set at a speed between the following speeds.

- 30 to 160 km/h (20 to 100 MPH)



The speed limiter set switches are located on the steering wheel.

① <RES±> switch (RES+ operation)
② <RES±> switch (RES- operation)
③ <CANCEL> switch
④ Speed Limiter switch
⑤ <SET> switch



The speed limiter operating condition is shown on the vehicle information display.

1. Speed limiter indicator
2. Set speed indicator

The speed unit can be converted between "km/h" and "MPH". (See "[Unit/Language]" (P.134).)

When the vehicle speed exceeds the set speed limit, the set speed indicator blinks and the accelerator pedal operation will not work until the vehicle speed slows down to the set speed limit.

The speed limiter will not automatically reduce the vehicle speed to the set speed limit.

Turning on speed limiter

Push the Speed Limiter switch ④. The speed limiter and the set speed indicators illuminate on the vehicle information display ([LIMIT ON Press SET to Activate] message appears on the display).

Setting speed limit

1. Once the vehicle reaches desired speed push the <SET> switch ⑤.
   - When the vehicle is stopped, the speed will be set at 30 km/h or 20 MPH.
   - While driving, the speed limit will be set at the current speed.

   NOTE:
   No other ProPILOT Assist features are available once Speed Limiter mode is active. To use ICC system again push the ProPILOT Assist switch.

2. When the speed limit is set, the speed limiter indicator and the set speed indicator illuminate on the vehicle information display ([+/- Change Set Speed] message appears on the display).

Changing set speed limit:

The vehicle set speed can be adjusted.

To change to a faster cruising speed:

- Push up and hold the <RES±> switch ① to increase speed in 5 km/h (5 MPH) increments.
- Push up and quickly release the <RES±> switch ① to to increase speed by 1 km/h (1 MPH).
- Accelerate to new desired speed and push the <SET> switch ⑤.

To change to a slower cruising speed:

- Push down and hold the <RES±> switch ② to decrease speed in 5 km/h (5 MPH) increments
- Push down and quickly release the <RES±> switch ② to to decrease speed by 1 km/h (1 MPH).

The new set speed limit value will be displayed in the vehicle information display.

When the actual vehicle speed exceeds the set speed, an audible warning will be heard a short time after the set speed is exceeded if driver intervention is not detected.

NOTE:

Speed limiter retains it's on/off state upon EV system restart. When the EV system is started, the Speed limiter will be in the standby mode unless being left in the OFF state in the previous trip and can be set if the driver presses the <SET> switch ⑤.

Cancelling speed limit

To cancel the speed limiter, push the <CANCEL> switch ③. The speed limiter indicator and the set speed indicator on the vehicle information display will turn off ([Standby Press RES to Resume] message appears on the display).

It is also possible to override the speed limiter by fully depressing the accelerator pedal beyond the resistance point.

⚠ WARNING

- **The vehicle may accelerate when the speed limiter cancels.**
- **When additional floor mats are used, be sure that they are correctly secured and that they cannot interfere with the accelerator pedal. Mats not adapted to the vehicle may prevent proper operation of the speed limiter.**

Fully depress the accelerator pedal beyond the resistance point. The speed limiter will be suspended to allow driving above the set speed. The set speed indicator will flash. The speed limiter will automatically resume when the vehicle speed drops below the set speed limit.

Resuming a previous set speed

If a set speed limit has been cancelled, the set speed will be stored in the speed limiter memory.

This speed limit can be reactivated by pushing the <RES±> switch to either direction ① or ② to resume to previous set speed. [Resumed] message appears on the display.

If the current vehicle speed is higher than the previous set speed, the accelerator pedal will not work and the set speed indicator will flash until the vehicle speed drops below the set speed limit.

When the actual vehicle speed exceeds the set speed, an audible warning will be heard a short time after the set speed is exceeded and driver intervention is not detected.

Turning the speed limiter off

The speed limiter system will be turned off when one of the following operations is performed:

- Push the ProPILOT Assist switch ③. The speed limiter indicator and the set speed indicator on the vehicle information display will be turned off.
- Push the speed limiter switch ④.
- When the vehicle is stopped and the power switch is placed in the OFF position.

Turning off the speed limiter will erase the set speed limit memory.

Speed limiter malfunction

If the speed limiter malfunctions, the speed limiter on the vehicle information display will flash ([LIMIT Not Available] message appears on the display).

Turn the speed limiter MAIN switch off and have the system checked. It is recommended you visit a certified NISSAN electric vehicle dealer for this service.

For models with the ProPILOT Assist system, see "Intelligent Cruise Control (ICC)" (P.335).

⚠ WARNING

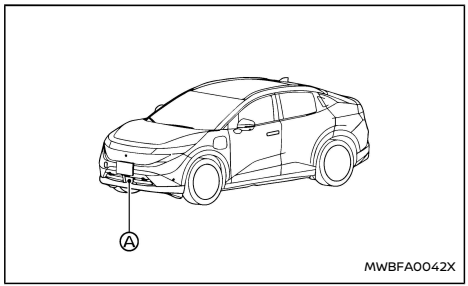
Failure to follow the warnings and instructions for proper use of the ICC system could result in serious injury or death.

- **ICC is not a collision avoidance or warning device. It is intended for highway use only and it is not intended for congested areas or city driving. Failure to apply the brakes could result in an accident.**
- **The ICC system is only an aid to assist the driver and is not a collision warning or avoidance device. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **Always observe posted speed limits and do not set the speed over them.**
- **Always drive carefully and attentively when using either cruise control mode. Read and understand the Owner's Manual thoroughly before using the cruise control. To avoid serious injury or death, do not rely on the system to prevent accidents or to control the vehicle's speed in emergency situations. Do not use cruise control except in appropriate road and traffic conditions.**
- **In the conventional (fixed speed) cruise control mode, a warning chime will not sound to warn you if you are too close to the vehicle ahead. Pay special attention to the distance between your vehicle and the**

vehicle ahead of you or a collision could occur.

VEHICLE-TO-VEHICLE DISTANCE CONTROL MODE

In the vehicle-to-vehicle distance control mode, the ICC system automatically maintains a selected distance from the vehicle travelling in front of you according to that vehicle's speed (up to the set speed), or at the set speed when the road ahead is clear.



The system is intended to enhance the operation of the vehicle when following a vehicle travelling in the same lane and direction.

If the radar sensor Ⓐ detects a slower moving vehicle ahead, the system will reduce the vehicle speed so that your vehicle follows the vehicle in front at the selected distance.

The system automatically controls the throttle and applies the brakes (up to approximately 40% of vehicle braking power) if necessary.

NOTE:

To turn on the the Conventional (fixed speed) cruise control mode, see "Conventional (fixed speed) cruise control mode" (P.325).

The ICC system cannot be operated when the speed limiter is on. (See "Speed limiter" (P.312)).

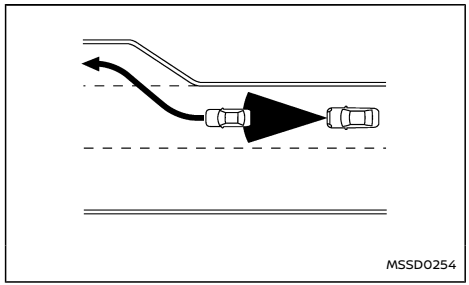
Vehicle-to-vehicle distance control mode operation

The vehicle-to-vehicle distance control mode is designed to maintain a selected distance and reduce the speed to match the slower vehicle ahead; the system will decelerate the vehicle as necessary. However, the ICC system can only apply up to approximately 40% of the vehicle's total braking power. This system should only be used when traffic conditions allow vehicle speeds to remain fairly constant or when vehicle speeds change gradually. If a vehicle moves into the travelling lane ahead or if a vehicle travelling ahead rapidly decelerates, the distance between vehicles may become closer because the ICC system cannot decelerate the vehicle quickly enough. If this occurs, the ICC system will sound a warning chime and blink the system display to notify the driver to take necessary action.

The following items are controlled in the vehicle-to-vehicle distance control mode:

- When there are no vehicles travelling ahead, the vehicle-to-vehicle distance control mode maintains the speed set by the driver. The set speed range is 20 km/h (12 MPH) and above.
- When there is a vehicle travelling ahead, the vehicle-to-vehicle distance control mode adjusts the speed to maintain the distance, selected by driver, from the vehicle ahead. The adjusting speed range is between approximately 20 km/h (12 MPH) and up to the set speed.
- When the vehicle travelling ahead has moved out from its lane of travel, the vehicle-to-vehicle distance control mode accelerates and maintains vehicle speed up to the set speed.

The ICC system does not control vehicle speed or warn you when you approach stationary and slow moving vehicles. You must pay attention to vehicle operation to maintain proper distance from vehicles ahead when approaching toll gates or traffic congestion.



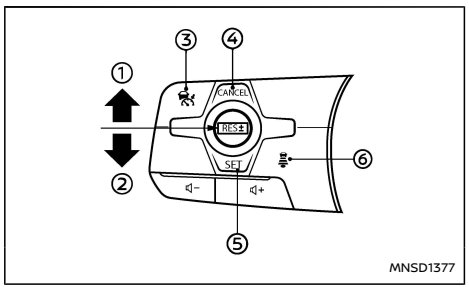
When driving on the motorway at a set speed and approaching a slower travelling vehicle ahead, the ICC system will adjust the speed to maintain the distance, selected by the driver, from the vehicle ahead. If the vehicle ahead changes lanes or exits the motorway, the ICC system will accelerate and maintain the speed up to the set speed. Pay

attention to the driving operation to maintain control of the vehicle as it accelerates to the set speed.

The vehicle may not maintain the set speed on winding or hilly roads. If this occurs, you will have to manually control the vehicle speed.

Normally when controlling the distance to a vehicle ahead, this system automatically accelerates or decelerates your vehicle according to the speed of the vehicle ahead. Depress the accelerator to properly accelerate your vehicle when acceleration is required for a lane change. Depress the brake pedal when deceleration is required to maintain a safe distance to the vehicle ahead due to its sudden braking or if a vehicle cuts in. Always stay alert when using the ICC system.

Vehicle-to-vehicle distance control mode switches



The system is operated by a Cruise ON/OFF switch and four control switches, all mounted on the steering wheel.

① <RES±> switch (RES+ operation)

Resumes vehicle speed or increases cruise speed incrementally.

② <RES±> switch (RES- operation)

Resumes vehicle speed or decreases cruise speed incrementally.

③ Cruise ON/OFF switch:

Master switch to activate the system.

④ <CANCEL> switch:

Deactivates the system without erasing the set speed.

⑤ <SET> switch:

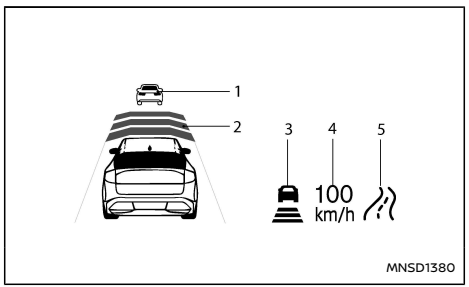
Sets desired cruise speed.

⑥ DISTANCE switch:

Changes the vehicle's following distance:

- [Far]
- [Middle]
- [Near]

Vehicle-to-vehicle distance control mode display and indicators



The display is located in the vehicle information display.

1. Vehicle ahead detection indicator:

   Indicates whether it detects a vehicle in front of you (only when ICC is active).

2. Set distance indicator:

   Displays the selected distance between vehicles set with the DISTANCE switch.

3. This indicator indicates the ICC system status using colour.
   - ICC system ON indicator (grey):

     ICC standby.
   - ICC system ON indicator (green):

     Indicates that the ICC system is ON and active.

     Indicates that the cruising speed is set.
     - — Green vehicle icon displayed: Vehicle detected ahead.
     - — No vehicle icon shown: No vehicle detected ahead (Your vehicle maintains the driver-selected set speed.)
   - ICC system warning (yellow):

     Indicates that there is a malfunction in the ICC system.

4. Set vehicle speed indicator:

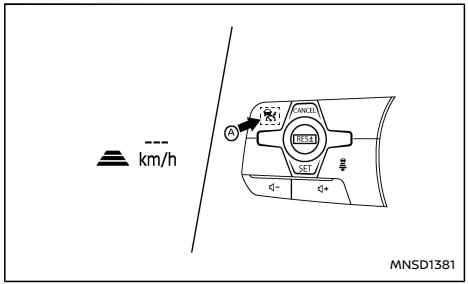
   Indicates the set vehicle speed.
   - Green: ICC active
   - Grey: ICC standby

   (The speed unit can be converted between

"km/h" and "MPH". See "[Unit/Language]" (P.134).)

5. Road information indicator:Appears when the system adjusts the speed depending on the type of curve detected.

Operating vehicle-to-vehicle distance control mode

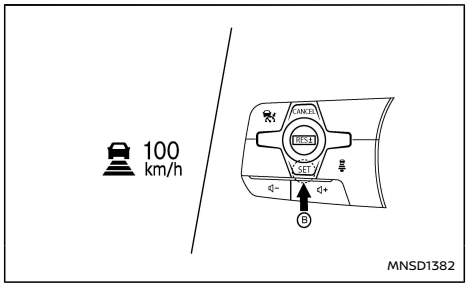


To turn on the cruise control, push the Cruise ON/OFF switch Ⓐ when the [Intelligent Cruise Control] is selected in the [Cruise Mode] menu under [Driver Assistance] main menu.

When the cruise control turns on, the ICC system ON indicator (grey), set distance indicator and set vehicle speed indicator illuminate thus being in a standby mode for setting.

NOTE:

When the EV system is turned off while the ICC system remains on, the ICC system will switch to standby mode once the EV system is turned on again.



To set cruising speed, accelerate your vehicle to the desired speed, push the <SET> button Ⓑ and release it. (The ICC system ON indicator (green), set distance indicator and set vehicle speed indicator come on.) Take your foot off the accelerator pedal. Your vehicle will maintain the set speed.

When the <SET> button Ⓑ is pushed under the following conditions, the system cannot be set and the set vehicle speed indicator will blink for approximately 2 seconds:

- When travelling below 20 km/h (12 mph) and the vehicle ahead is not detected
- When the transmission is not in the D (Drive) position
- When the parking brake is applied
- When the brakes are operated by the driver

When the <SET> button Ⓑ is pushed under the following conditions, the system cannot be set and a message will pop up.

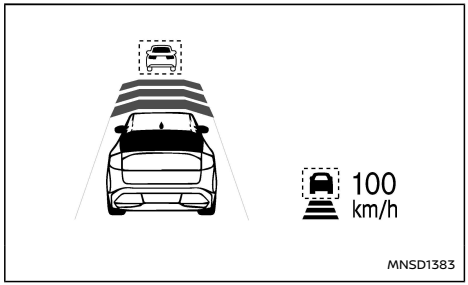
- When the ESP system is off (To use the ICC system, turn on the ESP system. Push the Cruise ON/OFF switch to turn off the ICC system and reset the ICC system by pushing the Cruise ON/OFF switch again.)

  For additional information about the ESP system, see "Electronic Stability Programme (ESP) system" (P.401).
- When ESP (including the traction control system) is operating
- When a wheel is slipping (To use the ICC system, make sure the wheels are no longer slipping.)
- When the front radar is impaired due to dirt or an other obstruction blocking the radar sensor.

The driver sets the desired vehicle speed based on the road conditions. The ICC system maintains the set vehicle speed, similar to standard cruise control, as long as no vehicle is detected in the lane ahead.

The ICC system displays the set speed.

Vehicle detected ahead:



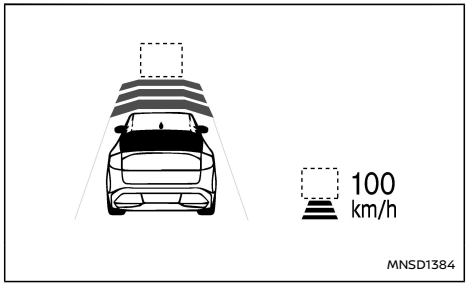
When a vehicle is detected in the lane ahead, the ICC system decelerates the vehicle by controlling the throttle and applying the brakes to match the speed of a slower vehicle ahead. The system then controls the vehicle speed based on the speed of the vehicle ahead to maintain the driver selected distance.

NOTE:

- **The brake lights of the vehicle come on when braking is performed by the ICC system.**
- **When the brake operates, a noise may be heard. This is not a malfunction.**

When a vehicle ahead is detected, the vehicle ahead detection indicator comes on. The ICC system will also display the set speed and selected distance.

Vehicle ahead not detected:



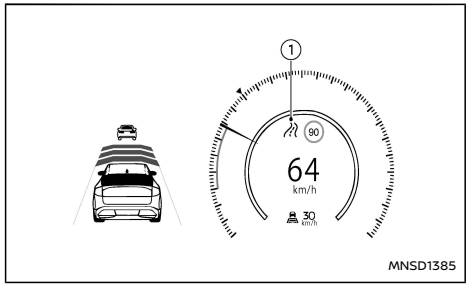
When a vehicle is no longer detected ahead, the ICC system gradually accelerates your vehicle to resume the previously set vehicle speed. The ICC system then maintains the set speed.

When a vehicle is no longer detected the vehicle ahead detection indicator turns off.

If a vehicle ahead appears during acceleration to the set vehicle speed or any time the ICC system is in operation, the system controls the distance to that vehicle.

When a vehicle is no longer detected under approximately 20 km/h (12 mph), the system will be cancelled.

Curve detected::



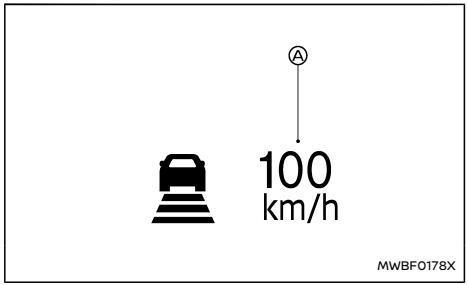
When the ICC system detects a curve, the system adjusts vehicle speed and the road information indicator ① comes on.

When the vehicle is through the curve, the vehicle will accelerate again to the set speed and the road information indicator ① turns off.

NOTE:

The driver can override the ICC system by depressing the accelerator pedal in which case the road information indicator turns off.

When passing another vehicle:



The driver can override ICC by depressing the accelerator pedal. The set speed indicator Ⓐ will flash when the vehicle speed exceeds the set speed. The vehicle detect indicator will turn off when the area ahead of the vehicle is open. When the pedal is released, the vehicle will return to the previously set speed.

Even though your vehicle speed is set in the ICC system, you can depress the accelerator pedal when it is necessary to accelerate your vehicle rapidly.

How to switch the ICC system off

Switch off the ICC system completely by turning the Cruise ON/OFF switch off. The ICC indicators will go out.

How to change the set vehicle speed

To cancel the preset speed, use any of these methods:

- Push the <CANCEL> switch. The set vehicle speed indicator and the cruise indicator will turn grey.
- Tap the brake pedal. The set vehicle speed indicator and the cruise indicator will turn grey.
- Turn the Cruise ON/OFF switch off. The ICC indicators will go out.

To reset at a faster cruising speed, use one of the following methods:

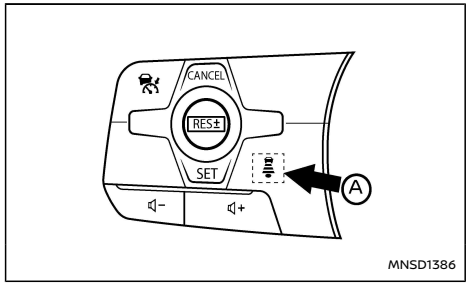
- Depress the accelerator pedal. When the vehicle attains the desired speed, push and release the <SET> switch.
- Push up and hold <RES±> switch to increase speed in 10 km/h (5 MPH) increments.
- Push up and quickly release <RES±> to increase speed by approximately 1 km/h (1 MPH).

To reset at a slower cruising speed, use one of the following methods:

- Lightly tap the brake pedal. When the vehicle attains the desired speed, push the <SET> switch release it.
- Push down and hold <RES±> switch to decrease speed in 10 km/h (5 MPH) increments.
- Push down and quickly release <RES±> to decrease speed by approximately 1 km/h (1 MPH).

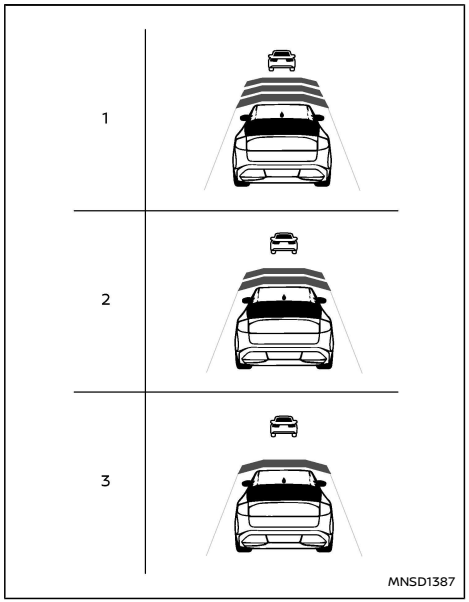
To resume the preset speed after ICC cancel, push and release the <RES±> switch to any direction. The vehicle will resume the last set cruising speed when the vehicle speed is over 20 km/h (12 MPH).

How to change the set distance to the vehicle ahead



The distance to the vehicle ahead can be selected at the time of the ICC standby or the ICC is active.

Each time the DISTANCE switch Ⓐ is pushed, the set distance will change to long, middle, short and back to long again in that sequence.



Distance — approximate distance at 100 km/h (60 MPH)

1. Far – 60 m (200 ft)
2. Middle – 45 m (150 ft)
3. Near – 30 m (100 ft)

- The distance to the vehicle ahead will change according to the vehicle speed. The higher the vehicle speed, the longer the distance.
- The distance setting will remain at the current setting even if the EV system is restarted.

Approach warning

If your vehicle comes closer to the vehicle ahead due to rapid deceleration of that vehicle or if another vehicle cuts in, the system warns the driver with the chime and ICC system display. Decelerate by depressing the brake pedal to maintain a safe vehicle distance if:

- The chime sounds.
- The vehicle ahead detection indicator blinks.

The warning chime may not sound in some cases when there is a short distance between vehicles. Some examples are:

- When the vehicles are travelling at the same speed and the distance between vehicles is not changing.
- When the vehicle ahead is travelling faster and the distance between vehicles is increasing.
- When a vehicle cuts in near your vehicle.

The warning chime will not sound when:

- Your vehicle approaches other vehicles that are parked or moving slowly.
- The accelerator pedal is depressed, overriding the system.

NOTE:

The approach warning chime may sound and the system display may blink when the radar sensor detects objects on the side of the vehicle or on the side of the road. This may cause the ICC system to decelerate or accelerate the vehicle. The radar sensor may detect these objects when the vehicle is driven on winding roads, narrow roads, hilly roads or when entering or exiting a curve. In these cases you will have to manually control the proper distance ahead of your vehicle.

Also, the sensor sensitivity can be affected by vehicle operation (steering manoeuvre or driving position in the lane) or traffic or vehicle condition (for example, if a vehicle is being driven with some damage).

Acceleration when passing (where fitted)

Passing on the left-hand side (for countries where traffic travels on the right-hand side of the road):

When the ICC system is engaged above 70 km/h (45 MPH) and following a slower vehicle (below ICC set speed), and the turn signal is activated to the left, the ICC system will automatically start to accelerate the vehicle to help initiate passing on the left and will begin to reduce the distance to vehicle directly ahead. Only the left side turn signal operates this feature. As the driver steers the vehicle and moves into the passing lane, if no vehicle is detected ahead the ICC system will continue to accelerate to the ICC system set speed. If another vehicle is detected ahead, then the vehicle will accelerate up to the following speed of that vehicle. If the vehicle is not steered into the left lane to pass, the acceleration will stop after a short time and regain the set following distance. Acceleration can be stopped at any point by depressing the brake pedal or the <CANCEL> switch on the steering wheel.

Passing on the right-hand side (for countries where traffic travels on the left-hand side of the road):

When the ICC system is engaged above 70 km/h (45 MPH) and following a slower vehicle (below ICC set speed), and the turn signal is activated to the right, the ICC system will automatically start to accelerate the vehicle to help initiate passing on the right and will begin to reduce the distance to vehicle directly ahead. Only the right side turn signal operates this feature. As the driver steers the vehicle and moves into the passing lane, if no vehicle is detected ahead the ICC system will continue to accelerate to the ICC system set speed. If another vehicle is detected ahead, then the vehicle will accelerate up to the following speed of that vehicle. If the vehicle is not steered into the right lane to pass, the acceleration will stop after a short time and regain the set following distance. Acceleration can be stopped at any point by depressing the brake pedal or the <CANCEL> switch on the steering wheel.

⚠ WARNING

In order to reduce the risk of a collision that may result in serious injury or death, please be aware of the following:

- **This function is only activated with the left or right turn signal and will briefly accelerate the vehicle even if a lane change is not initiated. This can include non-passing situations such as left or right side exits.**
- **Ensure that when passing another vehicle, the adjacent lane is clear before initiating the pass. Sudden changes in traffic may occur while passing. Always manually steer or brake as needed. Never solely rely on the system.**

Automatic cancellation

A chime sounds under the following conditions and the control may be automatically cancelled.

- When the vehicle ahead is not detected and your vehicle is travelling below the speed of 25 km/h (15 MPH)
- When the system judges the vehicle is at standstill
- When the transmission is not in the D (Drive) position
- When the parking brake is applied
- When the ESP system is turned off
- When ESP system (including the traction control system) operates
- When distance measurement becomes impaired due to adhesion of dirt or obstruction to the sensor
- When a wheel slips
- When the radar signal is temporarily interrupted
- On repeated uphill and downhill roads

Vehicle-to-vehicle distance control mode limitations

⚠ WARNING

Listed below are the system limitations for the ICC system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The system is primarily intended for use on straight, dry, open roads with light traffic. It is not advisable to use the system in city traffic or congested areas.**
- **This system will not adapt automatically to road conditions. This system should be used in evenly flowing traffic. Do not use the system on roads with sharp curves, steep uphill and downhill, or on icy roads, in heavy rain or in fog.**
- **As there is a performance limit to the distance control function, never rely solely on the ICC system. This system does not correct careless, inattentive or absent-minded driving, or overcome poor visibility in rain, fog, or other bad weather. Decelerate the vehicle speed by depressing the brake pedal, depending on the distance to the vehicle ahead and the surrounding circumstances in order to maintain a safe distance between vehicles.**
- **Always pay attention to the operation of the vehicle and be ready to manually control the proper following distance. The vehicle-to-vehicle distance control mode of the ICC system may not be able to maintain the selected distance between vehicles (following distance) or selected vehicle speed under some circumstances.**
- **The system may not detect the vehicle in front of you in certain road or weather conditions. To avoid accidents, never use the ICC system under the following conditions:**

- **— On roads where the traffic is heavy or there are sharp curves**
- **— On slippery road surfaces such as on ice or snow, etc.**
- **— During bad weather (rain, fog, snow, etc.)**
- **— When rain, snow or dirt adhere to the system sensor**
- **— On steep downhill roads (the vehicle may go beyond the set vehicle speed and frequent braking may result in overheating the brakes)**
- **— On repeated uphill and downhill roads**
- **— When traffic conditions make it difficult to keep a proper distance between vehicles because of frequent acceleration or deceleration**
- **— Interference by other radar sources.**

- **In some road or traffic conditions, a vehicle or object can unexpectedly come into the sensor detection zone and cause automatic braking. You may need to control the distance from other vehicles using the accelerator pedal. Always stay alert and avoid using the ICC system when it is not recommended in this section.**
- **Do not use the ICC system if you are towing a trailer or other vehicle. The system may not detect a vehicle ahead.**

The radar sensor will not detect the following objects:

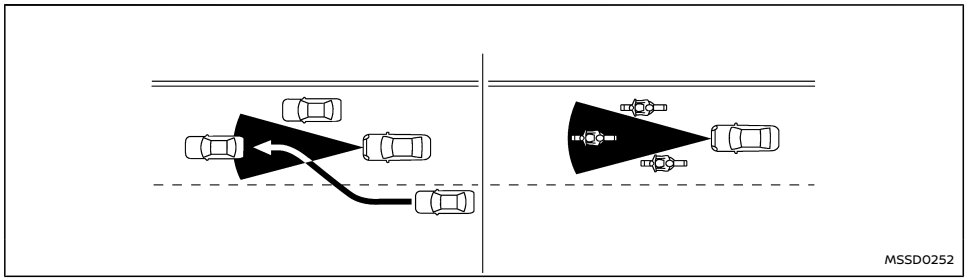
- Stationary and slow moving vehicles
- Pedestrians or objects in the roadway
- Oncoming vehicles in the same lane
- Motorcycles travelling offset in the travel lane

The sensor generally detects the signals returned from the vehicle ahead. Therefore, if the sensor cannot detect the reflection from the vehicle ahead, the ICC system may not maintain the selected distance.

The following are some conditions in which the sensor cannot detect the signals:

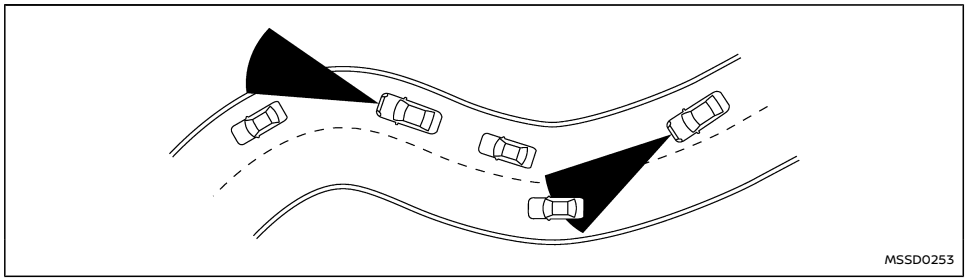
- When the snow or road spray from travelling vehicles reduces the sensor's visibility
- When excessively heavy baggage is loaded in the rear seat or the luggage compartment of your vehicle
- When your vehicle towing a trailer, etc.

The ICC system is designed to automatically check the sensor's operation within the limitation of the system. When the sensor is covered with dirt or is obstructed, the system will automatically be cancelled. If the sensor is covered with ice, a transparent or translucent vinyl bag, etc., the ICC system may not detect them. In these instances, the vehicle-to-vehicle distance control mode may not cancel and may not be able to maintain the selected following distance from the vehicle ahead. Be sure to check and clean the sensor regularly.



The detection zone of the radar sensor is limited. A vehicle ahead must be in the detection zone for the vehicle-to-vehicle distance detection mode to maintain the selected distance from the vehicle ahead.

A vehicle ahead may move outside of the detection zone due to its position within the same lane of travel. Motorcycles may not be detected in the same lane ahead if they are travelling offset from the centerline of the lane. A vehicle that is entering the lane ahead may not be detected until the vehicle has completely moved into the lane. **If this occurs, the ICC system may warn you by blinking the system indicator and sounding the chime. The driver may have to manually control the proper distance away from vehicle travelling ahead.**



When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction, the radar sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle travelling ahead. This may cause the ICC system to decelerate or accelerate the vehicle.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition. **If this occurs, the ICC system may warn you by blinking the system indicator and sounding the chime unexpectedly. You will have to manually control the proper distance away from the vehicle travelling ahead.**

System temporarily unavailable

The following are conditions in which the ICC system may be temporarily unavailable. In these instances, the ICC system may not cancel and may not be able to maintain the selected following distance from the vehicle ahead.

Condition A:

Under the following conditions, the ICC system is automatically cancelled. A chime will sound and the system will not be able to be set:

- When the ESP system is turned off
- When the ESP system (including the traction control system) operates
- When a vehicle ahead is not detected and your vehicle is travelling below the speed of 20 km/h (12 MPH)
- When the system judges the vehicle is at a standstill
- When the transmission is not in the D (Drive)
- When the parking brake is applied
- When a tyre slips
- When the radar signal is temporarily interrupted
- When any door is open
- On repeated uphill and downhill roads

Action to take:

When the conditions listed above are no longer present, turn the ICC system back on to use the system.

Condition B:

The chime will sound and the [Temporarily Disabled Front Radar Blocked] warning message will appear in the vehicle information display.

- When the radar sensor area is covered with dirt or is obstructed, or the front radar is impaired due to dirt or another obstruction blocking the radar sensor, making it impossible to detect a vehicle ahead, the ICC system is automatically cancelled.

Action to take:

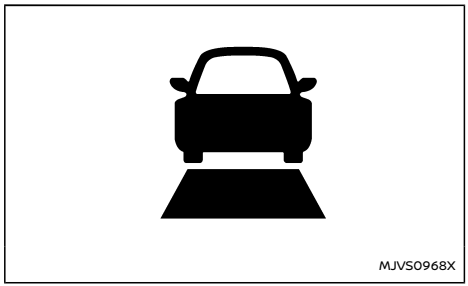
If the warning message appears, park the vehicle in a safe place and turn the EV system off. When the radar signal is temporarily interrupted, clean the sensor area and restart the EV system. If the warning message continues to be displayed, have the ICC system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

- When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls), the system may display the [Temporarily Disabled Front Radar Blocked] warning message in the vehicle information display.

Action to take:

When the conditions listed above are no longer present, turn the ICC system back on to use the system.

System malfunction



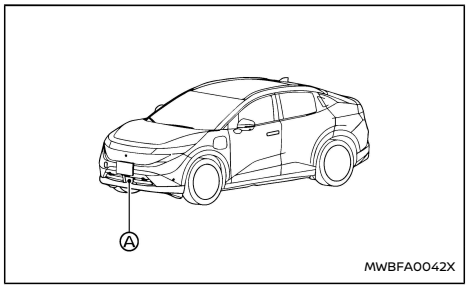
When the ICC system is not operating properly, the chime sounds and the ICC system warning (yellow) and the [System fault See Owner's Manual] warning message will appear.

Action to take:

If the warning appears, park the vehicle in a safe place. Turn the EV system off, restart the EV system and set the ICC system again.

If it is not possible to set the ICC system or the warning stays on, it may indicate that the ICC system is malfunctioning. Although the vehicle is still driveable under normal conditions, have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

System maintenance



The sensor for the ICC system Ⓐ is located on the front of the vehicle.

To keep the ICC system operating properly, be sure to observe the following:

- Always keep the sensor area clean.
- Do not strike or damage the areas around the sensor.
- Do not attach a sticker (including transparent material) or install an accessory near the sensor area. This could cause failure or malfunction.
- Do not attach metallic objects near the sensor area (brush guard, etc.). This could cause failure or malfunction.
- Do not alter, remove or paint the front bumper. Contact a NISSAN certified electric vehicle dealer before customising or restoring the front bumper.
- Do not fit the number plate in a frame.

For the radio approval numbers and information, see "Radio approval number and information" (P.471).

CONVENTIONAL (fixed speed) CRUISE CONTROL MODE

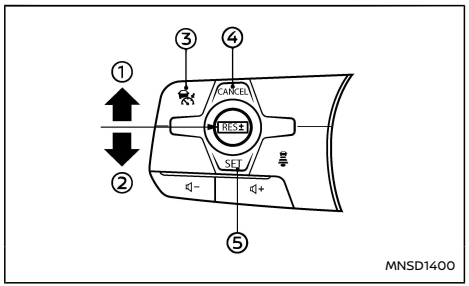
This mode allows driving at speeds 20 km/h (12 MPH) and above without keeping your foot on the accelerator pedal.

⚠ WARNING

- **In the conventional (fixed speed) cruise control mode, a warning chime does not sound to warn you if you are too close to the vehicle ahead, as neither the presence of the vehicle ahead nor the vehicle-to-vehicle distance is detected.**
- **Pay special attention to the distance between your vehicle and the vehicle ahead of you or a collision could occur.**
- **Always confirm the setting in the ICC system display.**
- **Do not use the conventional (fixed speed) cruise control mode when driving under the following conditions:**
  - **— when it is not possible to keep the vehicle at a set speed**
  - **— in heavy traffic or in traffic that varies in speed**
  - **— on winding or hilly roads**
  - **— on slippery roads (rain, snow, ice, etc.)**
  - **— in very windy areas**

- **Doing so could cause a loss of vehicle control and result in an accident.**

Conventional (fixed speed) cruise control switches



① <RES±> switch (RES+ operation)

Resumes vehicle speed or increases cruise speed incrementally.

② <RES±> switch (RES- operation)

Resumes vehicle speed or decreases cruise speed incrementally.

③ Cruise ON/OFF switch:

Master switch to activate the system.

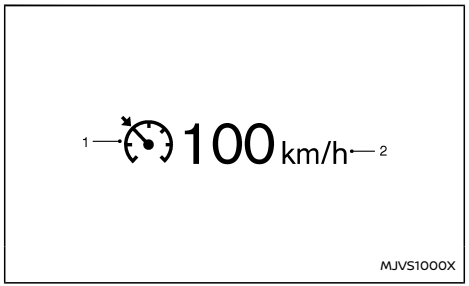
④ <CANCEL> switch:

Deactivates the system without erasing the set speed.

⑤ <SET> switch:

Sets desired cruise speed.

Conventional (fixed speed) cruise control mode display and indicators



The display is located in the vehicle information display.

1. Cruise indicator:

   This indicator indicates the condition of the conventional (fixed speed) cruise control mode of the ICC system depending on a colour.

   - Cruise control ON indicator (grey):

     Indicates that the Cruise ON/OFF switch is ON.

   - Cruise control set indicator (green):

     Indicates that the cruising speed is set.

   - Cruise system warning (yellow):

     Indicates that there is a malfunction in the conventional (fixed speed) cruise control mode of the ICC system.

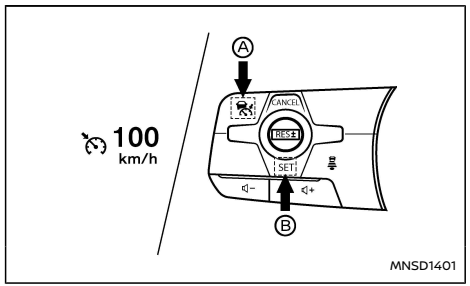
2. Set vehicle speed indicator:

   This indicator indicates the set vehicle speed.

   - Green: Cruise control active
   - Grey: Cruise control standby

   (The speed unit can be converted between “km/h” and “MPH”. See “[Unit/Language]” (P.134).)

Operating conventional (fixed speed) cruise control mode



To turn on the conventional (fixed speed) cruise control mode, push the Cruise ON/OFF switch Ⓐ when [Standard Cruise Control] is selected in the [Cruise Mode] menu under the [Driver Assistance] main menu.

When the cruise control turns on, the cruise indicator appears.

You can now set your desired cruising speed.

Pushing the Cruise ON/OFF switch again will turn the system completely off.

NOTE:

- **If the EV system is turned off while the conventional cruise control is on, the conventional cruise control will be in standby once the EV system is turned on again.**
- **To use the ICC system again, change settings in the [Driver Assistance] main menu by selecting [Cruise Mode] and choosing [Intelligent Cruise Control]. The system can be cancelled by changing the mode while the system is active.**

CAUTION

To avoid accidentally engaging cruise control, make sure to turn the Cruise ON/OFF switch Ⓐ off when not using the cruise control system.

To set cruising speed, accelerate your vehicle to the desired speed, push the <SET> switch Ⓑ. (The colour of the cruise indicator changes to green and vehicle set speed indicator comes on.) Take your foot off the accelerator pedal. Your vehicle will maintain the set speed.

To pass another vehicle, depress the accelerator pedal. When you release the pedal, the vehicle will return to the previously set speed.

The vehicle may not maintain the set speed when going up or down steep hills. If this happens, manually maintain vehicle speed.

To cancel the preset vehicle speed, use any of the following methods:

- Push the <CANCEL> switch ④. The vehicle set speed indicator and the cruise indicator will turn grey.
- Tap the brake pedal. The vehicle set speed indicator and the cruise indicator will turn grey.
- Turn the Cruise ON/OFF switch Ⓐ off. Both the cruise indicator and vehicle set speed indicator will turn off.

To reset at a faster cruising speed, use one of the following methods:

- Push up and hold the <RES±> switch ① to increase speed in 10 km/h (5 MPH) increments.
- Push up and quickly release the <RES±> switch ① to to increase speed by 1 km/h (1 MPH).
- Accelerate to new desired speed and push the <SET> switch ⑤.

To reset at a slower cruising speed, use one of the following methods:

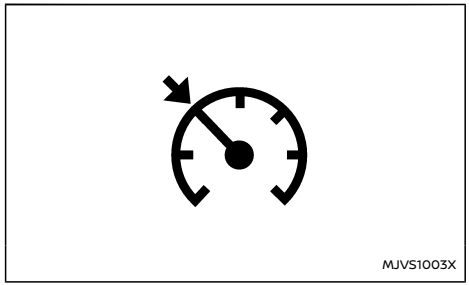
- Push down and hold the <RES±> switch ② to decrease speed in 10 km/h (5 MPH) increments.
- Push down and quickly release the <RES±> switch ② to to decrease speed by 1 km/h (1 MPH).

System temporarily unavailable

A chime sounds under the following conditions and the control is automatically cancelled.

- When the transmission is not in the D (Drive) position
- When the parking brake is applied
- When the ESP system (including the traction control system) operates
- When the ESP system is turned off
- When a wheel slips

Warning



When the system is not operating properly, the chime sounds and the colour of the cruise indicator will change to yellow.

Action to take:

If the colour of the cruise indicator changes to yellow, park the vehicle in a safe place. Turn the EV system off, restart the EV system, resume driving and then perform the setting again.

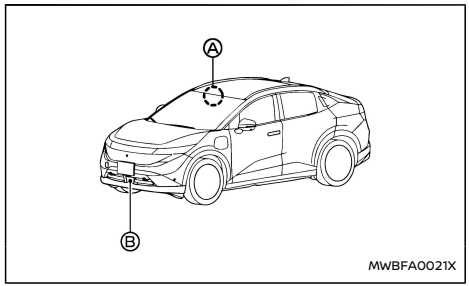
If it is not possible to set or the indicator stays on, it may indicate that the system is malfunctioning. Although the vehicle is still driveable under normal conditions, have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

PROPILOT ASSIST (where fitted)

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the ProPILOT Assist system could result in serious injury or death.

- **ProPILOT Assist is not a self-driving system. Within the limits of its capabilities, as described in this manual, it helps the driver with certain driving activities.**
- **The ProPILOT Assist system is not a replacement for proper driving procedures and is not designed to correct careless, inattentive or absent-minded driving. ProPILOT Assist will not always steer the vehicle to keep it in the lane. The ProPILOT Assist system is not designed to prevent loss of control. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**
- **There are limitations to the ProPILOT Assist system capability. The ProPILOT Assist system does not function in all driving, traffic, weather, and road conditions. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**
- **The ProPILOT Assist system is only an aid to assist the driver and is not a collision warning or avoidance device.**
- **The ProPILOT Assist system is for use on highways with opposing traffic separated by a barrier only, and is not intended for city driving. Failure to apply the brakes or steer the vehicle when necessary may result in a serious accident.**
- **Always observe posted speed limits and do not set the speed over them.**
- **Never take your hands off the steering wheel when driving. Always keep your hands on the steering wheel and drive your vehicle safely.**
- **Never unfasten your safety belt when using ProPILOT Assist. Doing so automatically cancels the ProPILOT Assist system.**
- **The ProPILOT Assist system does not react when approaching stationary or slow moving vehicles.**
- **Always drive carefully and attentively when using the ProPILOT Assist system. Read and understand the Owner's Manual thoroughly before using the ProPILOT Assist system. To avoid serious injury or death, do not rely on the system to prevent accidents or to control the vehicle's speed in emergency situations. Do not use the ProPILOT Assist system except in appropriate road and traffic conditions.**



The ProPILOT Assist system is intended to enhance the operation of the vehicle when following a vehicle travelling in the same lane and direction.

The ProPILOT Assist system uses a multi-sensing front camera Ⓐ installed behind the windscreen to monitor the lane markers and a radar sensor Ⓑ located on the front of the vehicle to measure the distance to the vehicle ahead. If the system detects a slower moving vehicle ahead, the system will reduce the vehicle speed so that your vehicle follows the vehicle in front at the selected distance. The system will also help keep the vehicle centred in the travelling lane when clear lane markings are detected.

PROPILOT ASSIST SYSTEM OPERATION

The ProPILOT Assist system has the following two functions:

1. Intelligent Cruise Control (ICC)

- The ICC system maintains a selected distance from the vehicle in front of you within the speed range of 0 km/h (0 MPH) up to the vehicle set speed. The vehicle set speed can be selected by the driver above approximately 20 km/h (12 MPH). When the vehicle ahead slows to a stop, your vehicle gradually decelerates to a standstill. When the vehicle is stopped, the ICC system maintains braking force to keep your vehicle stopped.
- When your vehicle is stopped for less than approximately 3 seconds and the vehicle ahead begins to move, your vehicle will start moving again automatically. If your vehicle is stationary for more than approximately 3 minutes, the ICC system will be switched off and the electric parking brake will be applied.
- When the vehicle ahead begins to move forward, push up the RES+ button on the steering wheel or lightly depress the accelerator pedal to release the brake. The ICC system will restart to maintain a selected distance from the vehicle in front of you.
- Always check surroundings before restarting the vehicle.

NOTE:

To turn on the Conventional (fixed speed) cruise control mode. (See "Conventional (fixed speed) cruise control mode" (P.353)).

The ProPILOT Assist system cannot be operated when the speed limiter is on. (See "Speed limiter" (P.312)).

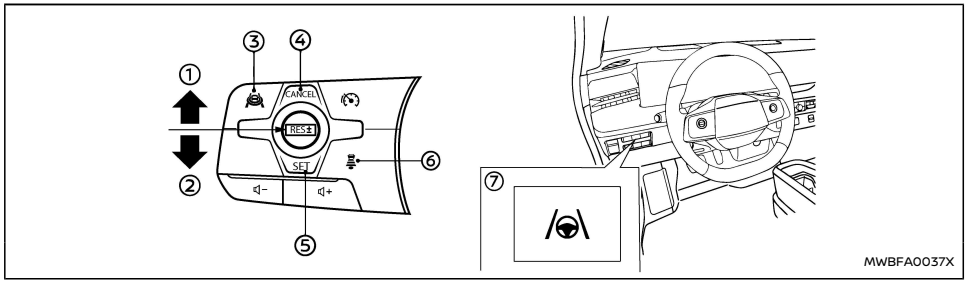
Even if the Intelligent Emergency Braking setting is turned off by the driver using the [Settings] menu in the vehicle information display, the Intelligent Emergency Braking system will be automatically turned on when the Steering Assist is active.

2. Steering Assist

The Steering Assist function helps the driver to keep the vehicle centred within the travelling lane.

When there is no vehicle ahead, Steering Assist is not available at speeds under 60 km/h (37 MPH).

PROPILOT ASSIST SWITCHES



① <RES±> switch (RES+ operation)

Resumes vehicle speed or increases cruise speed incrementally.

② <RES±> switch (RES- operation)

Resumes vehicle speed or decreases cruise speed incrementally.

③ ProPILOT Assist switch:

Turns the ProPILOT Assist on or off.

④ <CANCEL> switch:

Deactivates the ProPILOT Assist

⑤ <SET> switch:

Sets desired cruise speed.

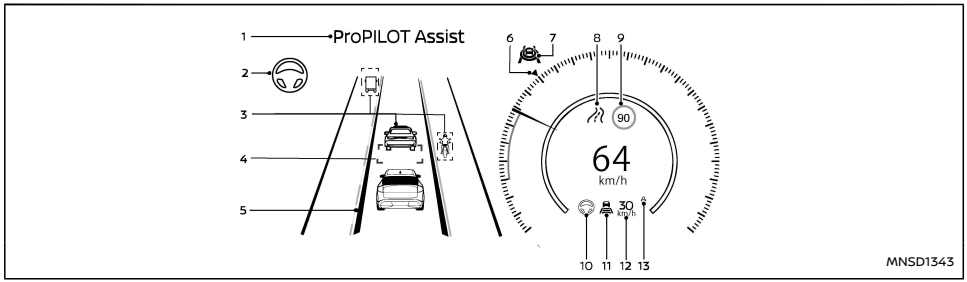
⑥ Distance switch:

Adjust distance to lead vehicle

⑦ Steering Assist switch:

Turns the Steering Assist function on or off

PROPILOT ASSIST SYSTEM DISPLAY AND INDICATORS



1. **ProPILOT Assist activation**

   Displays once the ProPILOT Assist system is activated

2. **Steering Assist indicator**

   Indicates the status of the Steering Assist function by the colour of the indicator

   - Steering Assist indicator (white): Steering Assist standby
   - Steering Assist indicator (green): Steering Assist active

3. **Surrounding vehicle display and vehicle ahead detection indicator**

   Displays whether the system detects a vehicle in front of you (only when ICC is active).

   System also detects surrounding vehicles in adjacent lanes.

4. **Distance control vehicle marker**

   The distance control target vehicle is indicated with the green marker displayed below the vehicle.

5. **Lane marker indicator**

   Indicates whether the system detects lane markers.

   There are two types of lane markers.

   - Inside lane marker(green): Lane markers detected, Steering Assist is active
   - Outside lane marker (white): Displays the type of lane marker detected (solid, dashed, etc.)

6. **Target speed indicator**

   Indicates the target vehicle speed.

7. **ProPILOT Assist status indicator** ( )

   Indicates the status of the ProPILOT Assist system by the colour of the indicator

   - ProPILOT Assist status indicator (white): ProPILOT Assist is on but in standby
   - ProPILOT Assist status indicator (blue): ProPILOT Assist active

8. **Road information indicator (where fitted)** (, , , ,)

   Indicates the detected road information or appears when the system adjusts the speed depending on a type of curve.

9. **Detected road sign (speed limit) indicator (where fitted)** (50)

   Indicates the currently detected speed limit

10. **Steering Assist status indicator/warning** (,)

    Displays the status of the Steering Assist by the colour of the indicator/warning

    - No Steering Assist status indicator displayed: Steering Assist is turned off
    - Steering Assist status indicator (grey): Steering Assist standby
    - Steering Assist status indicator (green): Steering Assist active
    - Steering Assist status indicator (yellow): Steering Assist malfunction
    - Steering Assist status indicator (red): Hands off detected

11. **Speed control status indicator/set distance indicator/lane marker indicator** ( )

    Displays the status of speed control by the

colour of the indicator, and displays the selected distance by the number of horizontal bars shown

- Speed control status indicator (white): ICC standby
- Speed control status indicator (green): ICC (distance control mode) is active
  - — Green vehicle icon displayed: Vehicle detected ahead
  - — No vehicle icon shown: No vehicle detected ahead (Your vehicle maintains the driver-selected set speed.)
- Speed control status indicator (yellow): Indicates an ICC malfunction

Lane maker indicator

Displays the status of the Steering Assist by the colour of the lane marker indicator:

- Lane marker indicator (no lane): Steering Assist is turned off.
- Lane marker indicator (grey): Steering Assist standby.
- Lane marker indicator (green): Steering Assist active.

12. **Vehicle set speed indicator**

    Indicates the vehicle set speed

    - Green: ICC active
    - Grey: ICC standby

    (The speed unit can be converted between "km/h" and "MPH". See "[Unit/Language]" (P.134).)

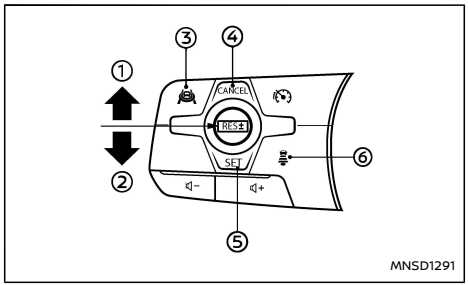
13. **Speed Limit Link indicator (A**) (where fitted)

    Indicates the Speed Limit Link activation mode or system operation

Display background colour will be grey once the ICC system is active or on standby. If the ICC system is off, the display bacground will be blank.

The ProPILOT Assist display is also shown in the Head Up Display (HUD) (where fitted). (See "Head Up Display (HUD) (where fitted)" (P.155)).

OPERATING PROPILOT ASSIST



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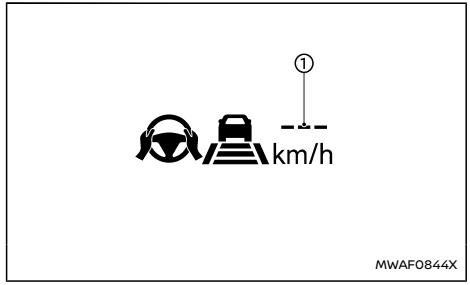
1. Pushing the ProPILOT Assist switch ③ when [ProPILOT Assist] is selected in the [Cruise Mode] menu under [Driver Assistance] main menu will turn on the ProPILOT Assist system.

   This turns on the ProPILOT Assist system and displays the status of the ProPILOT Assist system on the Vehicle Information Display.
2. Accelerate or decelerate your vehicle to the desired speed and push down the <SET> switch ⑤.

   The ProPILOT Assist system begins to automatically maintain the vehicle set speed. The ProPILOT Assist activation indicator and ProPILOT Assist status indicator illuminate in blue. When your vehicle is travelling at a speed of 20 km/h (12 MPH) or below and the <SET> switch ⑤ is pushed down, the vehicle set speed is 20 km/h (12 MPH).

NOTE:

- **If the EV system is turned off while ProPILOT Assist system was on, the ProPILOT Assist system will be in standby status once the EV system is turned on again.**
- **When the Emergency Lane Assist (ELA) system and the Intelligent Emergency Braking system are disabled In the settings menu, these systems will automatically be turned on when the Steering Assist system is active. For additional information, see "Emergency Lane Assist (ELA) system" (P.293), "Emergency Lane Assist (ELA)" (P.350) and "Intelligent Emergency Braking" (P.366).**



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When the <SET> switch is pushed under the following conditions, the ProPILOT Assist system cannot be set and the vehicle set speed indicator ① blinks for approximately 2 seconds:

- When the transmission is moved out of the D (Drive) position.
- When the parking brake is applied
- When the brakes are operated by the driver
- When the ESP system is off. For additional information, see "Electronic Stability Programme (ESP) system" (P.401).
- When the ESP system (including the traction control system) is activated
- When a wheel is slipping
- When any door is open
- When the driver's seat belt is not fastened

How to change the vehicle set speed

The vehicle set speed can be adjusted.

To change to a faster cruising speed:

- Push up and hold the <RES±> switch ① to increase speed in 10 km/h (5 MPH) increments.
- Push up and quickly release the <RES±> switch ① to to increase speed by 1 km/h (1 MPH).
- Accelerate to new desired speed and push the <SET> switch ⑤.

To change to a slower cruising speed:

- Push down and hold the <RES±> switch ② to decrease speed in 10 km/h (5 MPH) increments.
- Push down and quickly release the <RES±> switch ② to to decrease speed by 1 km/h (1 MPH).

How to momentarily accelerate or decelerate

- Depress the accelerator pedal when acceleration is required. Release the accelerator pedal to resume the previously set vehicle speed. Vehicle set speed will blink to indicate the vehicle is travelling faster than the set speed.
- Depress the brake pedal when deceleration is required. Doing so will put the system in standby. Push up the cancel switch to the <RES±> switch to either direction ①② to resume to previous set speed.

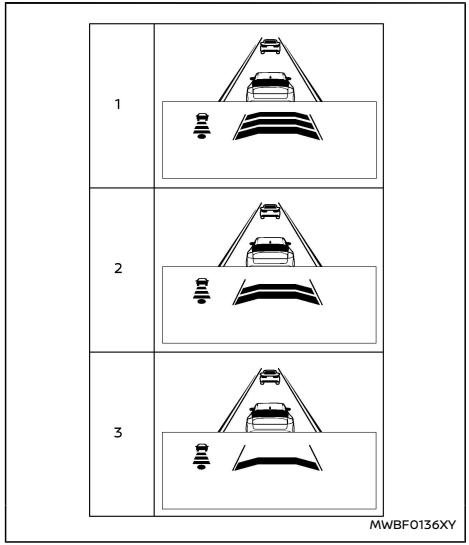
⚠ WARNING

When the accelerator pedal is depressed and you are approaching the vehicle ahead, the ICC system will neither control the brake nor warn the driver with the chime and display. The driver must manually control the vehicle speed to maintain a safe distance to the vehicle ahead. Failure to do so could result in severe personal injury or death.

How to change the set distance to the vehicle ahead

The distance to the vehicle ahead can be selected at the time of the ICC standby or the ICC is active.

Each time the distance switch ⑥ is pushed, the set distance will change to [Far], [Middle], [Near] and back to [Far] again in that sequence.



Distance — approximate distance at 100 km/h (60 MPH)

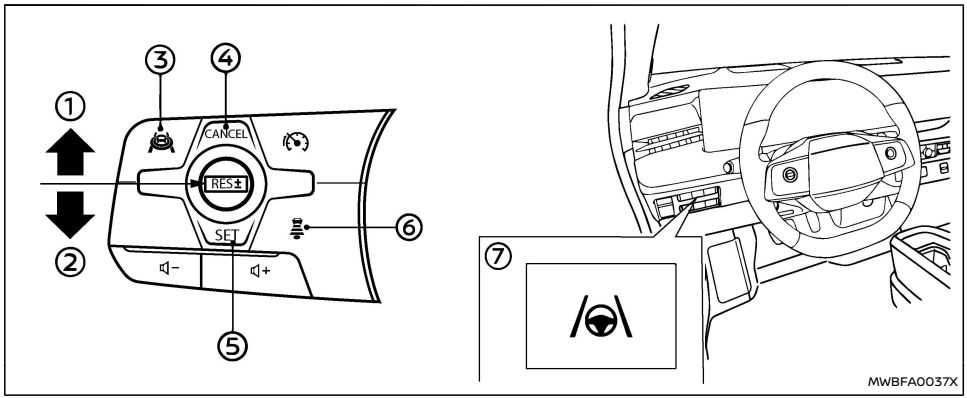
1. [Far] – 60 m (200 ft)
2. [Middle] – 45 m (150 ft)
3. [Near] – 30 m (90 ft)

- The actual distance to the vehicle ahead adjusts automatically according to the vehicle speed. The higher the vehicle speed, the longer the distance.

- The distance setting will remain at the current setting even if the EV system is restarted.

HOW TO ENABLE/DISABLE THE STEERING ASSIST

Use the following methods to enable or disable the Steering Assist.



Steering Assist switch:

To turn the Steering Assist on, push the Steering Assist switch ⑦ in the instrument panel. The [Steering Assist ON] message will appear in the vehicle information display. To turn the Steering Assist off, push the Steering Assist switch ⑦ and the message [Steering Assist OFF] will appear in the vehicle information display.

Vehicle Information Display:

Perform the following steps to turn the Steering Assist on or off.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Lane Centering Assist] and push the scroll dial.
4. Push the scroll dial to turn the [Steering Assist] on or off.

NOTE:

- **When the Steering Assist switch is used to turn the system on or off, the system remembers the setting even if the power switch is cycled. The switch must be pushed again to change the setting to on or off.**
- **The Steering Assist switch changes the status of the [Steering Assist] selection made in the [Settings] screen in the vehicle information display.**
- **When the ProPILOT Assist screen is displayed on the vehicle information display, push the scroll dial on the steering wheel to call up the [Driver Assistance] setting display.**
- **When enabling/disabling the system through the vehicle information display, the system retains the current settings even if the EV system is restarted.**

HOW TO CANCEL THE PROPILOT ASSIST SYSTEM

To cancel the ProPILOT Assist system, use one of the following methods:

- Push the <CANCEL> switch ④.
- Tap the brake pedal (except at a standstill). This action will keep the system in standby. To resume, push the <RES±> switch to either direction ① or ② to return to the original vehicle set speed, or push the <SET> switch ⑤ to set the current vehicle speed.

When the ProPILOT Assist system is cancelled

while the vehicle is stopped, the electric parking brake is automatically activated.

⚠ WARNING

To prevent the vehicle from moving or rolling unexpectedly, which could result in serious personal injury or property damage, before exiting the vehicle make sure to push the ProPILOT Assist switch to turn the system off, push the park button to shift to the P (Park) position, and turn the EV system off.

INTELLIGENT CRUISE CONTROL (ICC)

The Intelligent Cruise Control (ICC) is a part of the ProPILOT Assist system. To choose the ICC system without the Steering Assist, activate the ProPILOT Assist and then turn off the Steering Assist with the switch or in the settings menu. For additional information, see "Operating ProPILOT Assist" (P.332) and "How to enable/disable the Steering Assist" (P.334).

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the ICC system could result in serious injury or death.

- **The ICC system is only an aid to assist the driver and is not a collision warning or avoidance device. It is recommended for highway use only and it is not intended for congested areas or city driving. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **There are limitations to the ICC system capability. The ICC system does not function in all driving, traffic, weather, and road conditions. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**
- **Always observe posted speed limits and do not set the speed over them.**
- **The ICC system does not react to stationary or slow moving vehicles.**
- **Always drive carefully and attentively when using the ICC system. Read and understand the Owner's Manual thoroughly before using the ICC system. To avoid serious injury or death, do not rely on the system to prevent accidents or to control the vehicle's speed in emergency situations. Do not use the ICC system except in appropriate road and traffic conditions.**

ICC system operation

The ICC system is designed to maintain a selected distance from the vehicle in front of you and can reduce the speed to match a slower vehicle ahead. The system decelerates the vehicle as necessary and if the vehicle ahead comes to a stop, the vehicle decelerates to a standstill. However, the ICC system can only apply up to approximately 40% of the vehicle's total braking power.

This system should only be used when traffic conditions allow vehicle speeds to remain fairly constant or when vehicle speeds change gradually. If a vehicle moves into the travelling lane ahead or if a vehicle travelling ahead rapidly decelerates, the distance between vehicles may become closer because the ICC system cannot decelerate the vehicle quickly enough. If this occurs, the ICC system sounds a warning chime and blinks the system display to notify the driver to take necessary action.

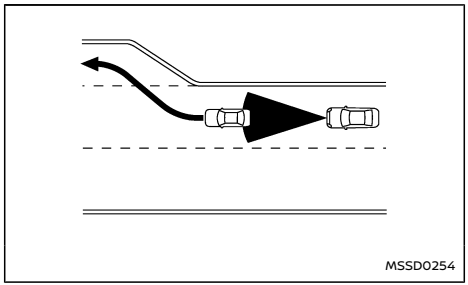
The ICC system operates as follows:

- When there are no vehicles travelling ahead, the ICC system maintains the speed set by the driver. The vehicle set speed range is above approximately 20 km/h (12 MPH).
- When there is a vehicle travelling ahead, the ICC system adjusts the speed to maintain the distance, selected by the driver, from the vehicle ahead. If the vehicle ahead comes to a stop, the vehicle decelerates to a standstill. Once your vehicle stops, the ICC system keeps the vehicle stopped.
- For vehicles equipped with ProPILOT, if the vehicle ahead stops and your vehicle is stopped on a motorway for less than approximately 30 seconds, and the driver monitor system detects that the driver's attention is focused on the road ahead, the message [CRUISE Restart Active] will appear on the vehicle information display. When the vehicle ahead begins to move, your vehicle will also start moving automatically.
- For vehicles equipped with ProPILOT, if the driver monitor camera cannot recognise that the driver is driving with careful attention to

the front, the message [Look Forward] will appear on the vehicle information display. When the vehicle ahead begins to move, it will not start to move automatically.

- If not on a motorway, your vehicle will start to move automatically when it is stopped for less than approximately 3 seconds and the vehicle ahead begins to move. When your vehicle is at a standstill for more than 3 seconds, it will not start to move automatically.
- When the vehicle travelling ahead moves to a different travelling lane the ICC system accelerates and maintains vehicle speed up to the set speed.
- When the vehicle travelling in the next lane is detected, the ICC will adjust the speed to avoid undertaking the right or left lane which may vary in different countries on motorways or multi-lane roads with separate carriageways.
- The function is active when travelling speed is above 80 km/h. When the travelling speed is significantly higher than the speed in adjacent lane, the vehicle may overtake the vehicle in adjacent lane.

The ICC system does not control vehicle speed or warn you when you approach stationary and slow moving vehicles. You must pay attention to vehicle operation to maintain proper distance from vehicles ahead when approaching toll gates or traffic congestion.

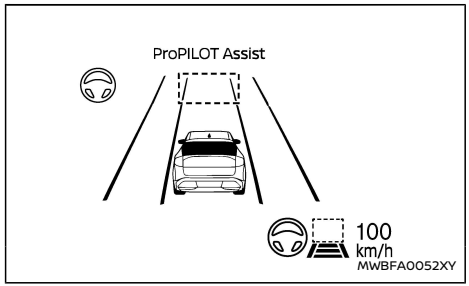


When driving on the highway at a vehicle set speed and approaching a slower travelling vehicle ahead, the ICC system adjusts the speed to maintain the distance, selected by the driver, from the vehicle ahead. If the vehicle ahead changes lanes or exits the highway, the ICC system accelerates and maintains the vehicle set speed. Pay attention to the driving operation to maintain control of the vehicle as it accelerates to the set speed.

The vehicle may not maintain the set speed on winding or hilly roads. If this occurs, you will have to manually control the vehicle speed.

Normally when controlling the distance to a vehicle ahead, the system automatically accelerates or decelerates your vehicle according to the speed of the vehicle ahead.

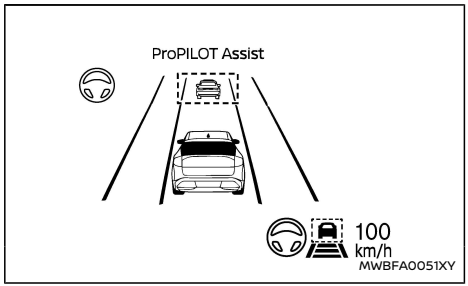
Depress the accelerator to properly accelerate your vehicle when acceleration is required for a lane change. Depress the brake pedal when deceleration is required to maintain a safe distance to the vehicle ahead due to sudden braking or if a vehicle cuts in. Always stay alert when using the ICC system.



System set display — no vehicle detected ahead

No vehicle detected ahead:

The driver sets the desired vehicle speed based on the road conditions. The ICC system maintains the vehicle set speed, similar to standard cruise control, as long as no vehicle is detected in the lane ahead. The ICC system displays the vehicle set speed.



System set display — vehicle ahead

Vehicle detected ahead:

When a vehicle is detected in the lane ahead, the ICC system decelerates the vehicle by controlling the throttle and applying the brakes to match the speed of a slower vehicle ahead. The ICC system then adjusts the vehicle speed based on the speed of the vehicle ahead to maintain the driver selected distance.

NOTE:

- **The brake lights of the vehicle come on when braking is performed by the ICC system.**
- **When the brake is applied by the system, a noise may be heard. This is not a malfunction.**

When the ICC system detects a vehicle ahead, the vehicle ahead detection indicator is displayed and the speed control status indicator illuminates in green.

Vehicle ahead stops:

When a vehicle ahead is detected and it gradually decelerates to stop, your vehicle decelerates to a standstill. When your vehicle is at a standstill, the [CRUISE Restart Active] message is displayed on the vehicle information display.

NOTE:

When your vehicle stops for less than 3 seconds, your vehicle will automatically follow the vehicle ahead as it accelerates from a stop. If your vehicle is stationary for more than approximately 3 minutes, the ICC system will be switched off and the electric parking brake will be applied.

Vehicle ahead accelerates:

- When your vehicle is at a standstill and the vehicle ahead begins to accelerate, push the RES+/RES- button or lightly depress the accelerator pedal. The ICC system starts to follow the vehicle ahead.
- Always check surroundings before restarting the vehicle.

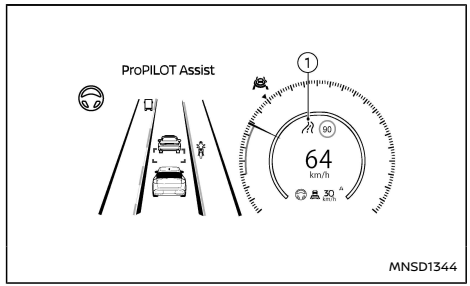
Vehicle ahead not detected:

When a vehicle is no longer detected ahead, the ICC system gradually accelerates your vehicle to resume the previously vehicle set speed. The ICC system then maintains the vehicle set speed.

When a vehicle is no longer detected, the vehicle ahead detection indicator and speed control status indicator (maintain speed control mode) turn off.

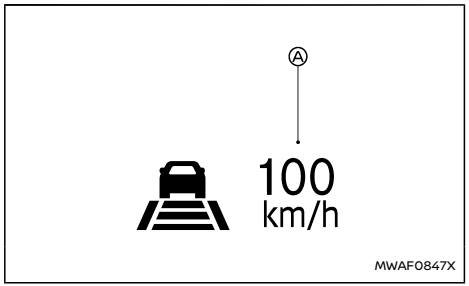
For ProPILOT Assist with Navi-link equipped vehicles on a limited access motorway as identified in the navigation map data, the ICC system cancels and a chime sounds if your vehicle is at a standstill for more than approximately 3 seconds and a vehicle is not detected ahead.

Curve detected:



When the ICC system detects a curve, the system adjusts vehicle speed and the road information indicator ① comes on.

When the vehicle is through the curve, the vehicle will accelerate again to the set speed and the road information indicator ① turns off.



When passing another vehicle, the vehicle set speed indicator Ⓐ flashes when you override the ICC system, by depressing the accelerator pedal and the vehicle speed exceeds the set speed. The vehicle ahead detection indicator turns off when the area ahead of the vehicle is open. When the pedal is released, the vehicle returns to the previously set speed. Even though your vehicle speed is set in the ICC system, you can depress the accelerator pedal when it is necessary to accelerate your vehicle rapidly.

Approach warning

If your vehicle comes closer to the vehicle ahead due to rapid deceleration of that vehicle or if another vehicle cuts in, the system warns the driver with the chime and ICC system display. Decelerate by depressing the brake pedal to maintain a safe vehicle distance if:

- The chime sounds.
- The vehicle ahead detection indicator blinks.
- You judge it necessary to maintain a safe distance.

The warning chime may not sound in some cases when there is a short distance between vehicles. Some examples are:

- When the vehicles are travelling at the same speed and the distance between vehicles is not changing.
- When the vehicle ahead is travelling faster and the distance between vehicles is increasing.
- When a vehicle cuts in near your vehicle.

The warning chime will not sound when:

- Your vehicle approaches other vehicles that are parked or moving slowly.
- The accelerator pedal is depressed, overriding the system.

NOTE:

The approach warning chime may sound and the system display may flash when the radar sensor detects objects on the side of the vehicle or on the side of the road. This may cause the ICC system to decelerate or accelerate the vehicle. The radar sensor may detect these objects when the vehicle is driven on winding, narrow, or hilly roads or when the vehicle is entering or exiting a curve. In these cases, you will have to manually control the proper distance ahead of your vehicle.

Also, the sensor sensitivity can be affected by vehicle operation (steering manoeuvre or driving position in the lane) or traffic or vehicle conditions (for example, if a vehicle is being driven with some damage).

Acceleration when passing (where fitted)

Passing on the left-hand side (for countries where traffic travels on the right-hand side of the road):

When the ICC system is engaged above 70 km/h (44 MPH) and following a slower vehicle (below the ICC set speed), and the turn signal is activated to the left, the ICC system will automatically start to accelerate the vehicle to help initiate passing on the left and will begin to reduce the distance to vehicle directly ahead. Only the left side turn signal operates this feature. As the driver steers the vehicle and moves into the passing lane, if no vehicle is detected ahead the ICC system will continue to accelerate to the vehicle set speed. If another vehicle is detected ahead, then the vehicle will accelerate up to the following speed of that vehicle. If the vehicle is not steered into the left lane to pass, the acceleration will stop after a short time and regain the set following distance. Acceleration can be stopped at any point by depressing the brake pedal or the <CANCEL> switch on the steering wheel.

Passing on the right-hand side (for countries where traffic travels on the left-hand side of the road):

When the ICC system is engaged above 70 km/h (44 MPH) and following a slower vehicle (below the ICC set speed), and the turn signal is activated to the right, the ICC system will automatically start to accelerate the vehicle to help initiate passing on the right and will begin to reduce the distance to

vehicle directly ahead. Only the right side turn signal operates this feature. As the driver steers the vehicle and moves into the passing lane, if no vehicle is detected ahead the ICC system will continue to accelerate to the vehicle set speed. If another vehicle is detected ahead, then the vehicle will accelerate up to the following speed of that vehicle. If the vehicle is not steered into the right lane to pass, the acceleration will stop after a short time and regain the set following distance. Acceleration can be stopped at any point by depressing the brake pedal or the <CANCEL> switch on the steering wheel.

⚠ WARNING

In order to reduce the risk of a collision that may result in serious injury or death, please be aware of the following:

- **This function is only activated with the left or right turn signal and will briefly accelerate the vehicle even if a lane change is not initiated. This can include non-passing situations such as left or right side exits.**
- **Ensure that when passing another vehicle, the adjacent lane is clear before initiating the pass. Sudden changes in traffic may occur while passing. Always manually steer or brake as needed. Never solely rely on the system.**

Undertake Prevention (where fitted)

Undertake prevention (where fitted) can be used to prevent your vehicle from overtaking another vehicle on the wrong side. In the countries where traffice drives drive on the right hand side of the road, undertake prevention will prevent you from overtaking on the right (undertaking). In the countries where traffic drives drive on the left hand side of the road, undertake prevention will prevent you from overtaking on the left (undertaking).

This function is active when the travelling speed is above 80 km/h (50 MPH). When the travelling speed is significantly higher than the speed in the adjacent lane, the vehicle may overtake the vehicle in the adjacent lane.

A green marker will be displayed in the vehicle information display bellow the vehicle that you are attempting to undertake.

Setting Undertake Prevention in the Vehicle Information Display:

1. Push the < > button until [Settings] appears in the vehicle information display and press the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Intelligent Cruise Control] and push the scroll dial.
4. Select [Undertake Prevention] and push the scroll dial to turn the Undertake Prevention system on or off.

NOTE:

When enabling/disabling the Undertake Prevention system in the vehicle information display, the system retains the current settings even if the EV system is restarted.

Speed Limit Link (where fitted)

⚠ WARNING

Listed below are the system limitations for the Speed Limit Link. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **It is the driver's responsibility to select the proper speed, follow all traffic regulations and observe other road users.**
- **The Speed Limit Link may not operate properly and the actual speed limit may not be applied to the vehicle set speed in all conditions.**

  Below are some examples:

  - **When the Traffic Sign Recognition (TSR) system is not functioning properly. (See "Traffic Sign Recognition (TSR)" (P.289).)**
  - **When driving in an area with nearby parallel roads (for example, motorway with a parallel service drive).**
  - **When driving in an area where each lane has a different speed limit sign.**
  - **When driving on a road under construction or in a construction zone.**

— **When end of the speed limit sign is indicated.**

- **When the speed unit selected in the vehicle information display is different to the unit of the speed limit sign.**

When the ICC system is active and it detects a change of the speed limit, the new speed limit is indicated and it can be applied to the vehicle set speed manually.

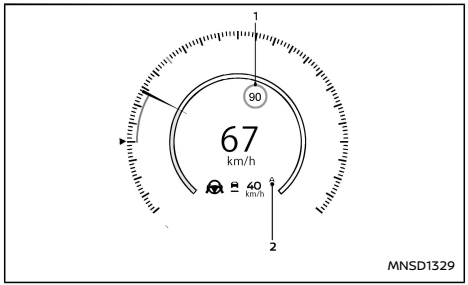
The Speed Limit Link operates:

- When the detected speed limit is 20 km/h (12 MPH) and above.
- The [Speed Limit Link] is enabled in the settings menu of the vehicle information display.
- When the Traffic Sign Recognition is turned on.

NOTE:

- **In the following situations, the Speed Limit Link will not operate:**
  - **When an increase in the posted speed limit is detected, but the vehicle set speed is already faster than the new speed limit.**
  - **When a decrease in the posted speed limit is detected, but the vehicle set speed is already lower than the new speed limit.**

System display and indicators:



1. Detected speed limit indicator

   Displays the currently detected speed limit. For additional information, see "Traffic Sign Recognition (TSR)" (P.289).

   Applied speed limit indicator (green frame)

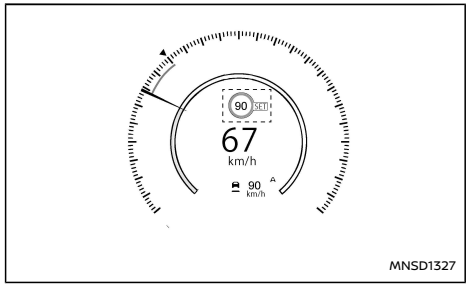
   Indicates the detected speed limit can be applied to the vehicle set speed.

2. Speed Limit Link indicator

   Indicates the system operation.

   [SET] : Manual mode is available and detected, speed limit can be adopted with <SET> switch.

Operating the system:



When the system detects a different speed limit, the new speed value is indicated. The vehicle set speed can be changed to the indicated speed limit manually.

- To accept the newly indicated speed limit, press the <SET> switch.
- The Speed Limit Link indicator [SET] is shown if detected speed limit is different from vehicle set speed.
- The Speed Limit Link indicator [SET] will not be shown while the accelerator pedal is operated.

How to activate or deactivate the system:

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Intelligent Cruise] and push the scroll dial.

4. Select [Speed Limit Link] and push the scroll dial to turn the system on or off.

NOTE:

The system will retain current settings in the vehicle information display even if the EV system is restarted.

Selecting Speed Link Offset:

It is possible to set whether the speed limit should be accepted exactly, or with a tolerance of –10 km/h (-5 MPH) to +10 km/h (+5 MPH).

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Intelligent Cruise] and push the scroll dial.
4. Select [Speed Link Offset] and push the scroll dial to select tolerance value. (Select [OFF] to turn off the function.)

NOTE:

The function will retain current settings in the vehicle information display even if the EV system is restarted.

Speed Limit Link - a feature of ProPILOT Assist with Navi-link

⚠ WARNING

Listed below are the system limitations for the Speed Limit Link. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **It is the driver's responsibility to select the proper speed, follow all traffic regulations and observe other road users.**
- **The Speed Limit Link may not operate properly and the actual speed limit may not be applied to the vehicle set speed in all conditions.**

  Below are some examples:

  — When the Traffic Sign Recognition (TSR) system is not functioning properly. (See "Traffic Sign Recognition (TSR)" (P.289).)

  — When driving in countries or areas not covered by the Map locator system.

  — When crossing national boundaries.

  — When driving in an area with nearby parallel roads (for example, motorway with a parallel service drive).

  — When driving in an area where each lane has a different speed limit sign.

  — When driving on a road under construction or in a construction zone.

  — When driving near a road split or a motorway junction.

  — When the data from the Map locator system is not up-to-date or is unavailable.

  — When the Map locator system cannot connect to server to get map information.

  — When software licence of the Map locator system is expired.

When the ProPILOT Assist with Navi-link is active and it detects a change of the speed limit, the new speed limit is indicated and it can be applied to the vehicle set speed automatically or manually.

The Speed Limit Link operates:

- When the detected speed limit is 20 km/h (12 MPH) and above.
- The [Speed Limit Link] is enabled in the settings menu of the vehicle information display.
- When the Traffic Sign Recognition is turned on.

NOTE:

- **While the accelerator pedal is operated with [Auto] mode selected, the Speed Limit Link will function (automatically adjust the vehicle set speed) only when the detected speed limit is faster than the vehicle set speed.**
- **In the following situations, the Speed Limit Link will not operate:**
  - **— When an increase in the posted speed limit is detected, but the vehicle set speed is already faster than the new speed limit.**
  - **— When a decrease in the posted speed limit is detected, but the vehicle set speed is already lower than the new speed limit.**

For Germany (No Limit speed setting):

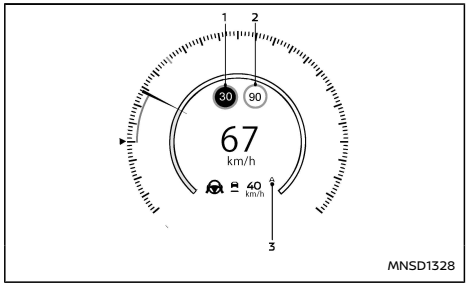
When you turn on the EV system and subsequently enter a motorway with no speed limit, the system initially regulates the speed to 130 km/h (80 MPH).

After this, the last speed stored by the driver on a motorway with no speed limit is applied.

NOTE:

This feature only works in Germany.

System display and indicators:



1. **Detected speed limit indicator**

   Displays detected (upcoming) speed limit. This speed limit will only be indicated when a new speed limit (lower speed value) is detected.

2. **Current speed limit**

   Displays the currently detected speed limit. For additional information, see "Traffic Sign Recognition (TSR)" (P.289).

   Applied speed limit indicator (green frame)

   Indicates the detected speed limit can be applied to the vehicle set speed.

3. **Speed Limit Link indicator**

   Indicates the system activation mode or system operation.

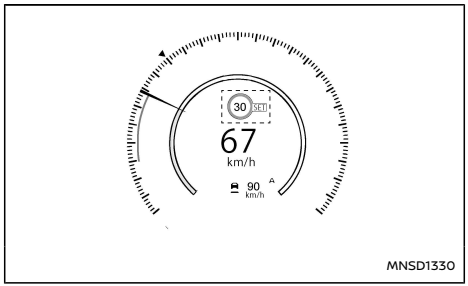
   [SET] : [Prompt] mode is available and detected, speed limit can be adopted with <SET> switch.

   "A" : [Auto] mode is activated.

Operating the system:

When the system detects a different speed limit, the new speed value is indicated. The vehicle set speed can be changed to the indicated speed limit automatically or manually.

When [Prompt] mode is selected in the settings menu (factory default setting):



- To accept the newly indicated speed limit, press the <SET> switch.
- The Speed Limit Link indicator [SET] is shown if detected speed limit is different from vehicle set speed.
- The Speed Limit Link indicator [SET] will not be shown while the accelerator pedal is operated.

When [Auto] mode is selected in the settings menu ("A" appears in the meter screen):

- The indicated speed limit is applied to the vehicle set speed automatically. Also, if the ProPILOT Assist with Speed Limit Link system is ON, but not set (active), and a new speed limit is detected, the vehicle set speed is automatically updated.
- The [Auto] mode may not be available in some regions. In this case, the system operates as the [Prompt] mode.

How to activate or deactivate the system:

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Intelligent Cruise] and push the scroll dial.
4. Select [Speed Limit Link], and push the scroll dial to select [Auto] or [Prompt] to enable (not activate) the system.

To deactivate the system, select [OFF].

NOTE:

The system will retain current settings in the vehicle information display even if the EV system is restarted.

Selecting [Speed Link Offset]:

It is possible to set whether the speed limit should be accepted exactly, or with a tolerance of –10 km/h (–5 MPH) to +10 km/h (+5 MPH).

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.

2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Intelligent Cruise] and push the scroll dial.
4. Select [Speed Link Offset] and push the scroll dial to select tolerance value. (Select [OFF] to turn off the function.)

NOTE:

The function will retain current settings in the vehicle information display even if the EV system is restarted.

CRUISE Navi Link - a feature of ProPILOT Assist with Navi-link (where fitted)

⚠ WARNING

Listed below are the system limitations for the CRUISE Navi Link. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **There are limitations to the CRUISE Navi Link system capability. The system does not function in all driving, traffic, weather and road conditions. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **The CRUISE Navi Link system does not brake the vehicle to a stop. Whenever necessary, the driver must apply appropriate braking.**
- **It is the driver's responsibility to select the proper speed, follow all traffic regulations and observe other road users.**
- **The CRUISE Navi Link may not operate properly in some road and traffic conditions, the system may unexpectedly change the speed. The driver must manually control the vehicle speed.**

  Below are some examples:

  - **When driving in countries or areas not covered by the Map locator system.**
  - **When the data from the Map locator system is not up-to-date or is unavailable.**
  - **When the Map locator system is recalculating the route.**
  - **When driving in countries or areas not covered by the Map locator system.**
  - **When driving on a road under construction or newly constructed road.**
  - **When driving near a road split or junction.**
  - **When driving in bad weather or poor road conditions.**
  - **When the camera cannot correctly detect the lanes.**
  - **When the Map locator system cannot connect to the server to get map information.**
  - **When the software licence for the Map locator system has expired.**

When the ProPILOT Assist with Navi-link is active, the CRUISE Navi Link uses road information provided by the Map locator system to adjust the vehicle speed depending on the following situations:

- Curves
- Motorway exits
- Roundabouts
- T-junctions

Also, the CRUISE Navi Link adjusts the vehicle speed when the turn signal indicator is turned on and the following situation is detected:

- Turning at junctions

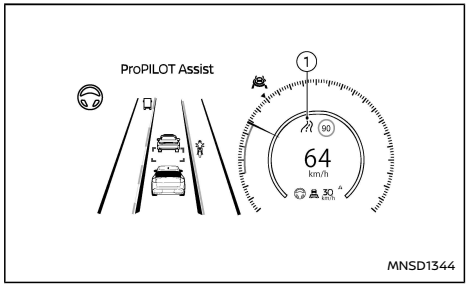
The system may not always reduce speed for all curves, exits, roundabouts, X/T-junctions, or side-turns and the driver may need to apply additional braking at any time.

When the vehicle is through the curve, exit, roundabout, X/T-junction, or side-turns, the vehicle will accelerate again to the set speed. When exiting the limited access motorway, the driver will need to apply braking at the end of the exit.

NOTE:

- **The system does not operate when the accelerator pedal is depressed.**
- **The system may not operate depending on the set distance to the vehicle ahead and vehicles detected ahead.**

System display and indicators:



1. Road information indicator

   Appears when the system adjusts the speed depending on turns or exits.

	Curves
	Right exits
	Left exits
	Roundabouts
	T-junctions
	X-junctions and side-turns

How to activate or deactivate the system:

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Intelligent Cruise] and push the scroll dial.
4. Select [Navi Link] and push the scroll dial to turn the system on or off.

NOTE:

The system will retain current settings in the vehicle information display even if the EV system is restarted.

ICC system limitations

⚠ WARNING

Listed below are the system limitations for the ICC system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **The ICC system is primarily intended for use on straight, dry, open roads with light traffic. It is not advisable to use the ICC system in city traffic or congested areas.**
- **The ICC system will not adapt automatically to road conditions. This system should be used in evenly flowing traffic. Do not use the system on roads with sharp curves or on icy roads, in heavy rain or in fog.**
- **As there is a performance limit to the distance control function, never rely solely on the ICC system. This system does not correct careless, inattentive or absent-minded driving or overcome poor visibility in rain, fog, or other bad weather. Decelerate the vehicle speed by depressing the brake pedal, depending on the distance to the vehicle ahead and the surrounding circumstances in order to maintain a safe distance between vehicles.**
- **When the ICC system automatically brings the vehicle to a stop, your vehicle can automatically accelerate if the vehicle is stopped for less than approximately 3 seconds. Be prepared to stop your vehicle if necessary.**
- **Always check surroundings before restarting the vehicle.**
- **Always pay attention to the operation of the vehicle and be ready to manually control the proper following distance. The ICC system may not be able to maintain the selected distance between vehicles (following distance) or selected vehicle speed under some circumstances.**
- **The ICC system does not detect the following objects:**
  - **— Stationary or slow moving vehicles (when your vehicle is approaching them)**
  - **— Pedestrians or objects in the roadway**
  - **— Oncoming vehicles in the same lane**
  - **— Motorcycles travelling offset in the travel lane**
- **The ICC system may not detect a vehicle ahead in certain road, weather or driving conditions. To avoid accidents, never use the ICC system under the following conditions:**

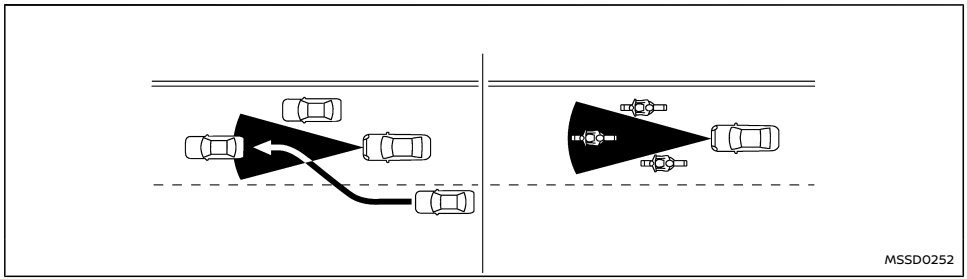
- **— On roads with heavy, high-speed traffic or sharp curves**
- **— On slippery road surfaces such as on ice or snow, etc.**
- **— On a bumpy road surface, such as an uneven dirt road**
- **— On steep downhill roads (the vehicle may go beyond the vehicle set speed and frequent braking may result in overheating the brakes)**
- **— On repeated uphill and downhill roads**
- **— During bad weather (rain, fog, snow, etc.)**
- **— When the sensor detection is reduced (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)**
- **— When dirt, ice, snow or other material adhere to the radar sensor area**
- **— When traffic conditions make it difficult to keep a proper distance between vehicles because of frequent acceleration or deceleration**
- **— When a complicated-shaped vehicle such as a car carrier trailer or flatbed truck/trailer is near the vehicle ahead**
- **— When there is interference by other radar sources**
- **— When excessively heavy baggage is loaded in the rear seat or cargo area of your vehicle**
- **— When towing a trailer or other vehicle**

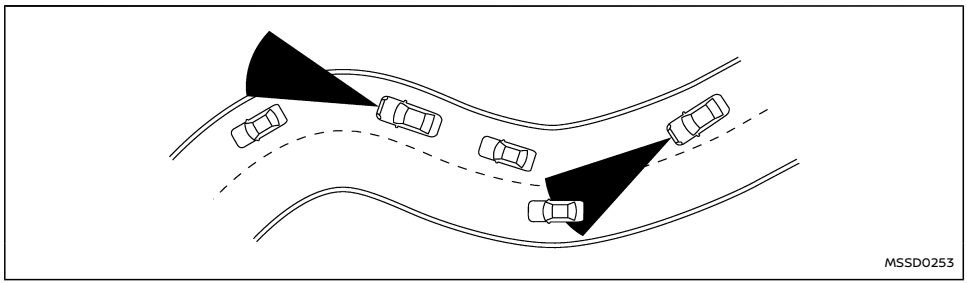
- **In some road or traffic conditions, a vehicle or object can unexpectedly come into the sensor detection zone and cause automatic braking. Always stay alert and avoid using the ICC system where not recommended in this warning section.**
- **The ICC system also uses a multi-sensing front camera. The following are some conditions in which the camera may not properly detect a vehicle and detection of a vehicle ahead may be delayed:**
  - **— Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)**
  - **— The camera area of the windscreen is fogged up or covered with dirt, water drops, ice, snow, etc.**
  - **— Strong light (for example, sunlight or high beams from oncoming vehicles) enters the front camera**
  - **— Strong light causes the area around the pedestrian to be cast in a shadow, making it difficult to see**
  - **— A sudden change in brightness occurs (for example, when the vehicle enters or exits a tunnel or shaded area or lightning flashes)**

The ICC system is designed to automatically check the radar sensor's operation within the limitations of the system

The detection zone of the radar sensor is limited. A vehicle ahead must be in the detection zone for the ICC system to maintain the selected distance from the vehicle ahead. A vehicle ahead may move outside of the detection zone due to its position within the same lane of travel. Motorcycles may not be detected in the same lane ahead if they are travelling offset from the centre line of the lane. A vehicle that is entering the lane ahead may not be detected until the vehicle has completely moved into the lane.

If this occurs, the ICC system may warn you by blinking the system indicator and sounding the chime. The driver may have to manually control the proper distance away from the vehicle travelling ahead.


MSSD0252


MSSD0253

When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction, the radar sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle travelling ahead. This may cause the ICC system to decelerate or accelerate the vehicle.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition.

If this occurs, the ICC system may warn you by blinking the system indicator and sounding the chime unexpectedly. You will have to manually control the proper distance away from the vehicle travelling ahead.

ICC system temporarily unavailable

The following are conditions in which the ICC system may be temporarily unavailable. In these instances, the ICC system may not cancel and may not be able to maintain the selected following distance from the vehicle ahead.

Condition A:

Under the following conditions, the ICC system is automatically cancelled. A chime will sound and the system will not be able to be set:

- Any door is open.
- The driver's seat belt is unfastened.
- Your vehicle has been stopped by the ICC system for approximately 3 minutes or longer.
- The transmission is moved out of the D (Drive) position.
- The electric parking brake is applied.
- The ESP system is turned off.
- The Intelligent Emergency Braking applies harder braking.
- The ESP system (including the traction control system) operates.
- A wheel slips.
- When the front radar is impaired due to dirt or an other obstruction blocking the radar sensor.
- When the radar signal is temporarily interrupted.

Action to take:

When the conditions listed above are no longer present, turn the system off using the ProPILOT

Assist switch. Turn the ProPILOT Assist system back on to use the system.

NOTE:

When the ICC system is cancelled at a standstill, the electric parking brake is automatically activated.

Condition B:

When there is inclement weather (rain, fog, snow, etc.) blocking the front radar sensor, the ICC system will automatically be cancelled, the chime will sound and the [Temporarily Disabled Front Radar Blocked] warning message will appear in the vehicle information display.

Action to take:

When the above condition is no longer present, the warning message will no longer be available in the vehicle information display and the system will operate normally. If the warning message continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

Condition C:

When the radar sensor on the front of the vehicle is covered with dirt or is obstructed, the ICC system will automatically be cancelled.

The chime will sound and the [Temporarily Disabled Front Radar Blocked] warning message will appear in the vehicle information display.

Action to take:

If the warning message appears, stop the vehicle in a safe place, push the park button to engage the P (Park) position, and turn the EV system off. When the radar signal is temporarily interrupted, clean the sensor area and restart the EV system. If the warning message continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

Condition D:

When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls), the chime will sound and the [Temporarily Disabled Front Radar Blocked] warning message will appear in the vehicle information display.

Action to take:

When the above driving conditions no longer exist, turn the system back on.

ICC system malfunction

If the ICC system malfunctions, it will be turned off automatically, a chime will sound, the [System fault See Owner's Manual] warning message will appear, and the speed control status warning (yellow) will illuminate.

Action to take:

If the warning illuminates, stop the vehicle in a safe place. Turn the EV system off, restart the EV system and set the ICC system again. If it is not possible to set the ICC system or the warning stays on, it may be a malfunction. Although the normal driving can be continued, the ICC system should be inspected. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

NOTE:

If the ICC system is temporarily unavailable, the conventional cruise control mode may still be used. For additional information, see "Conventional (fixed speed) cruise control mode" (P.353).

ICC sensor maintenance

The radar sensor is located on the front of the vehicle.

To keep the ICC system operating properly, be sure to observe the following:

- Always keep the sensor area clean.
- Do not strike or damage the areas around the sensor.
- Do not attach a sticker (including transparent material) or install an accessory near the sensor. This could cause failure or malfunction.
- Do not attach metallic objects near the sensor area (brush guard, etc.). This could cause failure or malfunction.
- Do not alter, remove, or paint the front bumper. Before customising or restoring the front bumper, please contact a NISSAN certified electric vehicle dealer.
- Do not fit the number plate in a frame.

For the radio approval numbers and information, see "Radio approval number and information" (P.471).

The camera sensor is located above the inside mirror.

To keep the proper operation of the systems and prevent a system malfunction, be sure to observe the following:

- Always keep the windscreen clean.
- Do not attach a sticker (including transparent material) or install an accessory near the camera unit.
- Do not place reflective materials, such as white paper or a mirror, on the instrument panel. The reflection of sunlight may adversely affect the camera unit's capability of detecting the lane markers.
- Do not strike or damage the areas around the camera unit. Do not touch the camera lens or remove the screw located on the camera unit.

If the camera unit is damaged due to an accident, it is recommended that you visit a NISSAN certified electric vehicle dealer.

For additional information, see "Common trouble-shooting guide" (P.283).

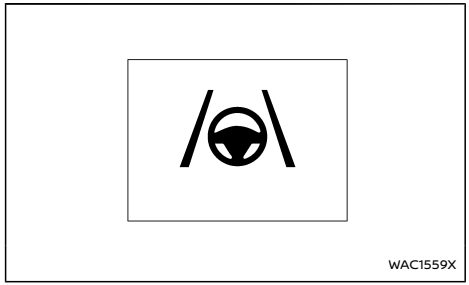
STEERING ASSIST

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the Steering Assist could result in serious injury or death.

- **The Steering Assist is not a replacement for proper driving procedures and is not designed to correct careless, inattentive or absent-minded driving. The Steering Assist will not always steer the vehicle to keep it in the lane. It is not designed to prevent loss of control. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**
- **As there is a performance limit to the Steering Assist's capability, never rely solely on the system. The Steering Assist does not function in all driving, traffic, weather, and road conditions. Always drive safely, pay attention to the operation of the vehicle, and manually control your vehicle appropriately.**
- **The Steering Assist is intended for use on well-developed motorways or highways with gentle (moderate) curves, where traffic travelling in opposing directions is separated with a barrier. To avoid risk of an accident, do not use this system on local or non-highway roads.**
- **The Steering Assist only steers the vehicle to maintain its position in the centre of a lane. The vehicle will not steer to avoid objects in the road in front of the vehicle or to avoid a vehicle moving into your lane.**
- **It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times. Never take your hands off the steering wheel when driving. Always keep your hands on the steering wheel and drive your vehicle safely.**
- **Always drive carefully and attentively when using the Steering Assist. Read and understand the Owner's Manual thoroughly before using the Steering Assist. To avoid serious injury or death, do not rely on the system to prevent accidents or to control the vehicle's speed in emergency situations. Do not use the Steering Assist except in appropriate road and traffic conditions.**

Steering Assist switch



The Steering Assist switch, located on the driver's side instrument panel, is used to permanently turn on and off the Steering Assist system.

You can also use the [Driver Assistance] menu in the vehicle information display to turn on and off the Steering Assist system. (See "How to enable/disable the Steering Assist" (P.334).)

The Steering Assist system controls the steering system to help keep your vehicle near the centre of the lane when driving. (See "ProPILOT Assist (where fitted)" (P.328).)

Steering Assist operation

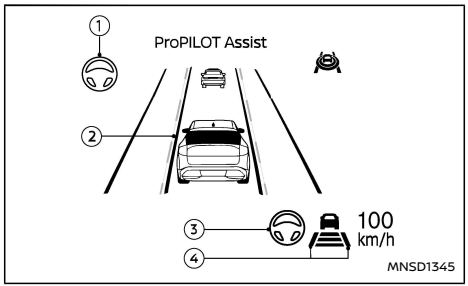
Steering Assist helps the driver keep the vehicle near the centre of the lane when both right and left lane markers are detected. Steering Assist only operates when combined with the Intelligent Cruise Control (ICC) system. For additional information, see "Intelligent Cruise Control (ICC)" (P.335).

The Steering Assist can be activated when the following conditions are met:

- The ICC system is activated.
- Lane markers on both sides are clearly detected.
- Your vehicle is travelling at speed over 60 km/h (37 MPH), or a vehicle is detected in front of you when travelling under 60 km/h (37 MPH).
- The driver grips the steering wheel.
- The vehicle is driven at the centre of the lane.
- The turn signals are not operated.
- The windscreen wiper is not operated in the high speed position (the Steering Assist function is disabled after the wiper operates for approximately 10 seconds in the high speed position).

To enable or disable the Steering Assist, see "How to enable/disable the Steering Assist" (P.334).

Steering Assist display and indicators



1. **Steering Assist indicator**

   Indicates the status of the Steering Assist by the colour of the indicator:

   - Steering Assist indicator (white): Steering Assist standby
   - Steering Assist indicator (green): Steering Assist active

2. **Lane marker indicator**

   Indicates whether the system detects the lane marker:

   - Lane marker indicator (no lane): Lane markers not detected
   - Inside marker indicator (green): Lane markers detected
   - Outer lane marker (white): defines the type of lane marker (solid, dashed, etc.)
   - Lane marker indicator (yellow): Lane departure is detected

3. **Steering Assist status indicator/warning**

   Displays the status of the Steering Assist by the colour of the indicator/warning:

   - No Steering Assist status indicator displayed: Steering Assist is turned off
   - Steering Assist status indicator (white): Steering Assist standby
   - Steering Assist status indicator (green): Steering Assist active
   - Steering Assist status indicator (yellow): Steering Assist malfunction
   - Steering Assist status indicator (red): Hands off detected

4. **Lane marker indicator/speed control status indicator/set distance indicator**

   Displays the status of the Steering Assist by the colour of the lane marker indicator.

   - Lane marker indicator (no lane): Steering Assist is turned off
   - Lane marker indicator (white): Steering Assist standby
   - Lane marker indicator (green): Steering Assist active

For the speed control status indicator and set distance indicator, see "ProPILOT Assist system display and indicators" (P.331).

When the Steering Assist is in operation, the Steering Assist status indicator ③, the Steering Assist indicator ①, and the lane marker indicator ② and ④ on the vehicle information display turn green.

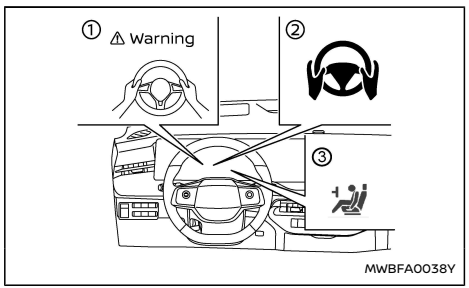
When the Steering Assist deactivates, the Steering

Assist status indicator ③, the Steering Assist indicator ① turn white and both the lane marker indicator ② and ④ disappear on the vehicle information display and a chime sounds twice.

Emergency Lane Assist (ELA)

When a curve or strong cross wind exceeds the capabilities of the Steering Assist and your vehicle approaches either the left or the right side of the travelling lane, the steering wheel vibrates, a chime sounds and the ELA indicator (yellow) on the vehicle information display flashes. Then, the ELA system automatically applies the steering for a short period of time to help assist the driver to avoid departing the lane and to return the vehicle to the centre of the travelling lane. This action is in addition to any Steering Assist actions and the warnings cannot be turned off. For more information, see "Emergency Lane Assist (ELA) system" (P.293).

Hands on detection



When the Steering Assist is activated, it monitors the driver's steering wheel operation.

If the steering wheel is not operated or the driver takes his/her hands off the steering wheel for a period of time, the warning ① appears in the vehicle information display and the hands OFF warning light ② illuminates.

⚠ WARNING

Steering Assist is not a system for a hands-free driving. Always keep your hands on the steering wheel and drive your vehicle safely. Failure to do so could cause a collision resulting in serious personal injury or death.

NOTE:

The sensors may not detect the driver's hand(s) on the steering wheel in the following situations and a sequence of warnings may occur:

- **Driving with gloves.**
- **Protective covers on the steering wheel.**
- **Gripping the part of the steering wheel without sensors, including leather joints and spokes.**

Warnings and Emergency Stop

In Hands On (green) mode, the vehicle uses capacitative and torque sensors in the steering wheel to detect whether the driver has their hands placed on the steering wheel. It is the driver's responsibility to have hands on the wheel in order to avoid these increasing alerts.

First Warning:

- Message appears in the vehicle information display alerting the driver that hands are not detected.
- Driver must place their hands back on the steering wheel or applly light torque to the steering wheel to clear the message.

Second Warning:

- Message begins to flash with escalating beeping sounds to draw driver's attention.
- Driver must place their hands back on the steering wheel or applly light torque to the steering wheel to clear the message.

Third Warning:

- The vehicle will apply 2 brake pulses to alert the driver of the failure to comply.
- Driver must place their hands back on the steering wheel or applly light torque to the steering wheel to clear the message.
- After the third warning has been accumulated several times, the Steering Assist function will be disabled with the [Steering Assist Unavailable for the rest of the drive] message displayed in the vehicle information display until the ignition switch has been switched off and on again.
- Driver must place their hands back on the steering wheel or applly light torque.

Emergency Stop:

- If the driver still does not operate the steering wheel, the Emergency Stop System begins and red optical warning ③ and sound warning appears.

- Emergency warning sound will play and the [Manually Steer] or [Take Steering Control] and/or [Slowing to Stop] warning message will appear in the vehicle information display.
- The vehicle will gradually slow to a complete stop in the travelling lane and the hazard indicator light will activate automatically.
- After the emergency stop function is activated, the Steering Assist function will be disabled with the [Steering Assist Unavailable for the rest of the drive] message displayed in the vehicle information display until the ignition switch has been switched off and on again.
- Driver must place their hands back on the steering wheel or applly light torque to deactivated the emergency stop.
- The driver can cancel the deceleration at any time by steering, braking, accelerating or operating the ProPILOT assist switch:
  - The driver can cancel the system by operating ProPILOT Assist switches (Main, <CANCEL>, Speed Limiter, Steering Assist) or hazard lamp switch.
  - The driver can cancel the system by pressing the accelerator pedal twice.
  - The driver can cancel the system by the brake pedal twice.
  - The driver can cancel the system by operating the steering wheel from side to side.
- When emergency system failure is detected, yellow indicator ③ appears and the system cannot operate properly.

Steering Assist limitations

⚠ WARNING

- **In the following situations, the camera may not detect lane markers correctly or may detect lane markers incorrectly and the Steering Assist may not operate properly:**
  - **When driving on roads where there are multiple parallel lane markers, lane markers that are faded or not painted clearly, non-standard lane markers, or lane markers covered with water, dirt, snow, etc.**
  - **When driving on roads with discontinued lane markers**
  - **When driving on roads with a widening or narrowing lane width**
  - **When driving on roads where there are multiple lanes or unclear lane markers due to road construction**
  - **When driving on roads where there are sharply contrasting objects, such as shadows, snow, water, wheel ruts, seams, or lines remaining after road repairs (the Steering Assist could detect these items as lane markers)**
  - **When driving on roads where the travelling lane merges or separates**
  - **Where the lanes are too narrow or too wide**
- **Do not use the Steering Assist under the following conditions because the system may not properly detect lane markers. Doing so could cause a loss of vehicle control and result in an accident.**
  - **During bad weather (rain, fog, snow, dust, etc.)**
  - **When rain, snow, sand, etc., is thrown up by the wheels of other vehicles**
  - **When dirt, oil, ice, snow, water, or another object adheres to the camera unit**
  - **When the glass in front or the lens of the camera unit is foggy**
  - **When strong light (for example, sunlight or high beams from oncoming vehicles) shines on the camera**
  - **When the headlights are not bright due to dirt on the lens or the headlights are off in tunnels or darkness**
  - **When a sudden change in brightness occurs (for example, when the vehicle enters or exits a tunnel or is under a bridge)**
  - **When driving on roads where the travelling lane merges or separates or where there are temporary lane markers because of road construction**
  - **When there is a lane closure due to road repairs**

- **— When driving on a bumpy road surface, such as an uneven dirt road**
- **— When driving on sharp curves or winding roads**
- **— When driving on repeated uphill and downhill roads**

- **Do not use the Steering Assist under the following conditions because the system will not operate properly:**
  - **— When driving with a tyre that is not within normal tyre conditions (for example, tyre wear, abnormal tyre pressure, tyre chains, non-standard wheels)**
  - **— When the vehicle is equipped with non-original brake or suspension parts**
  - **— When an object such as a sticker or cargo obstructs the camera**
  - **— When excessively heavy baggage is loaded in the rear seat or luggage area of your vehicle**
  - **— When the vehicle load capacity is exceeded**
  - **— When towing a trailer or other vehicle**
- **Excessive noise will interfere with the warning chime sound, and the beep may not be heard.**
- **For the ProPILOT Assist system to operate properly, the windscreen in front of the camera must be clean. Replace worn wiper blades. The correct size wiper blades must be used to help make sure the windscreen is kept clean. Only use Genuine NISSAN wiper blades, or equivalent wiper blades, that are specifically designed for use on your vehicle model and model year. It is recommended that you visit your NISSAN certified electric vehicle dealer for the correct parts for your vehicle.**

Steering Assist temporary standby

Automatic standby due to driving operation:

When the driver activates the turn signal, the Steering Assist is temporarily placed in a standby mode. (The Steering Assist restarts automatically when the operating conditions are met again.)

Automatic standby:

In the following cases, a double chime sounds and the Steering Assist is placed in a temporary standby mode. (The Steering Assist restarts automatically when the operating conditions are met again.)

- When the current travelling lane is too narrow to operate
- When a corner is too tight and the vehicle cannot stay in the travelling lane
- When lane markers on both sides are no longer detected
- When a vehicle ahead is no longer detected under approximately 60 km/h (37 MPH)
- When strong light enters the camera unit (For example, the light directly shines on the front of the vehicle at sunrise or sunset)
- When the temperature of the camera is too high

NOTE:

For vehicles equipped with ProPILOT Assist with Navi-link on a limited access motorway as identified in the navigation map data, the Steering Assist may continue to operate with visible lane markers on both sides even when the vehicle speed is below approximately 60 km/h (37 MPH) and a vehicle is not detected ahead.

Steering Assist cancel

Under the following conditions, the Steering Assist cancels, the chime sounds twice, the warning message appears, and the Steering Assist status indicator and the Steering Assist indicator turn off:

- When unusual lane markers appear in the travelling lane or when the lane marker cannot be correctly detected for some time due to certain conditions (for example, a snow rut, the reflection of light on a rainy day, the presence of several unclear lane markers)
- When the windscreen wiper operates in the high speed operation (the Steering Assist is disabled when the wiper operates for more than approximately 10 seconds)

Action to take:

When the conditions listed above are no longer present, turn the Steering Assist on again using the Steering Assist switch.

Steering Assist malfunction

When the system malfunctions, it turns off automatically. The Steering Assist status warning (yellow) illuminates and the [System fault See Owner's Manual] warning message will appear in the vehicle information display. A chime may sound depending on the situation.

Action to take:

Stop the vehicle in a safe location, push the park button to shift to the P (Park) position, turn the EV system off, restart the EV system, resume driving, and set the ICC system again. If the warning (yellow) continues to illuminate, the Steering Assist is malfunctioning. Although the vehicle is still drivable under normal conditions, have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Steering Assist maintenance

The camera is located above the inside mirror.

To keep the proper operation of the system and prevent a system malfunction, be sure to observe the following:

- Always keep the windscreen clean.
- Do not attach a sticker (including transparent material) or install an accessory near the camera unit.
- Do not place reflective materials, such as white paper or a mirror, on the instrument panel. The reflection of sunlight may adversely affect the camera unit's capability of detecting the lane markers.
- Do not strike or damage the areas around the camera unit. Do not touch the camera lens or remove the screw located on the camera unit.

If the camera unit is damaged due to an accident, it is recommended that you visit a NISSAN certified electric vehicle dealer.

For additional information, see "Common trouble-shooting guide" (P.283).

CONVENTIONAL (fixed speed) CRUISE CONTROL MODE

NOTE:

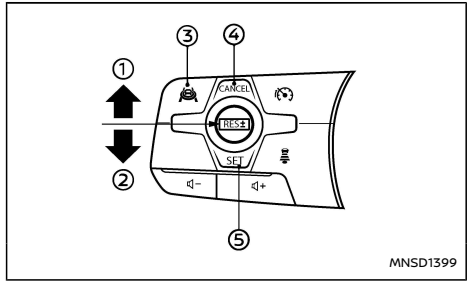
ProPILOT Assist system provides no approach warnings, automatic braking, or Steering Assist in the conventional (fixed speed) cruise control mode.

This mode allows driving at a speed above approximately 20 km/h (12 MPH) without keeping your foot on the accelerator pedal.

⚠ WARNING

- **In the conventional (fixed speed) cruise control mode, a warning chime does not sound to warn you if you are too close to the vehicle ahead, as neither the presence of the vehicle ahead nor the vehicle-to-vehicle distance is detected.**
- **Pay special attention to the distance between your vehicle and the vehicle ahead of you or a collision could occur.**
- **Always confirm the setting in the ICC system display.**
- **Do not use the conventional (fixed speed) cruise control mode when driving under the following conditions:**
  - **— When it is not possible to keep the vehicle at a set speed**
  - **— In heavy traffic or in traffic that varies in speed**
  - **— On winding or hilly roads**
  - **— On slippery roads (rain, snow, ice, etc.)**
  - **— In very windy areas**
- **Doing so could cause a loss of vehicle control and result in an accident.**

Conventional (fixed speed) cruise control switches



① <RES±> switch (RES+ operation)

Resumes vehicle speed or increases cruise speed incrementally.

② <RES±> switch (RES- operation)

Resumes vehicle speed or decreases cruise speed incrementally.

③ ProPILOT Assist switch:

Turns the system on or off.

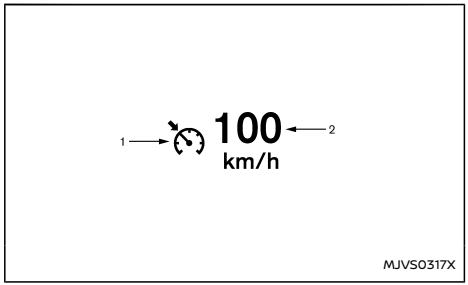
④ <CANCEL> switch:

Deactivates the system without erasing the set speed.

⑤ <SET> switch:

Sets desired cruise speed.

Conventional (fixed speed) cruise control mode display and indicators



The display is located in the vehicle information display.

1. Cruise indicator:

   This indicator indicates the condition of the conventional (fixed) cruise control mode of the ICC system depending on a colour.

   - Cruise control ON indicator (grey): Indicates that the ProPILOT Assist switch is on
   - Cruise control SET indicator (green): Indicates that the cruising speed is set
   - Cruise control warning (yellow): Indicates that there is a malfunction in the ICC system

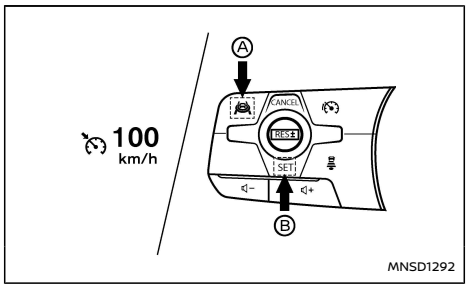
2. Vehicle set speed indicator:

   This indicator indicates the vehicle set speed.

   - Green: Cruise control active
   - Grey: Cruise control standby

   (The speed unit can be converted between "km/h" and "MPH". See "[Unit/Language]" (P.134).)

Operating conventional (fixed speed) cruise control mode



To turn on the conventional (fixed speed) cruise control mode, push the ProPILOT Assist switch Ⓐ when [Standard Cruise Control] is selected in the [Cruise Mode] menu under the [Driver Assistance] main menu.

When the cruise control turns on, the cruise indicator appears.

You can now set your desired cruising speed.

Pushing the ProPILOT Assist switch Ⓐ again will turn the system completely off.

NOTE:

- **If the EV system is turned off while the conventional cruise control is on, the conventional cruise control will be in standby once the EV system is turned on again.**
- **To use the ProPILOT Assist system again, change settings in the [Driver Assistance] main menu by selecting [Cruise Mode] and choosing [ProPILOT Assist]. The system can be cancelled by changing the mode while the system is active.**

⚠ WARNING

To avoid accidentally engaging cruise control, make sure to turn the ProPILOT Assist switch off when not using the cruise control system.

To set cruising speed, accelerate your vehicle to the desired speed, push the <SET> switch Ⓑ. (The colour of the cruise indicator changes to green and vehicle set speed indicator comes on.) Take your foot off the accelerator pedal. Your vehicle will maintain the set speed.

To pass another vehicle, depress the accelerator pedal. When you release the pedal, the vehicle will return to the previously set speed.

The vehicle may not maintain the set speed when going up or down steep hills. If this happens, manually maintain vehicle speed.

To cancel the preset vehicle speed, use any of the following methods:

- Push the <CANCEL> switch ④. The vehicle set speed indicator and the cruise indicator will turn grey.
- Tap the brake pedal. The vehicle set speed indicator and the cruise indicator will turn grey.
- Turn the ProPILOT Assist switch Ⓐ off. Both the cruise indicator and vehicle set speed indicator will turn off.

To reset at a faster cruising speed, use one of the following methods:

- Push up and hold the <RES±> switch ① to increase speed in 10 km/h (5 MPH) increments.
- Push up and quickly release the <RES±> switch ① to to increase speed by 1 km/h (1 MPH).
- Accelerate to new desired speed and push the <SET> switch ⑤.

To reset at a slower cruising speed, use one of the following methods:

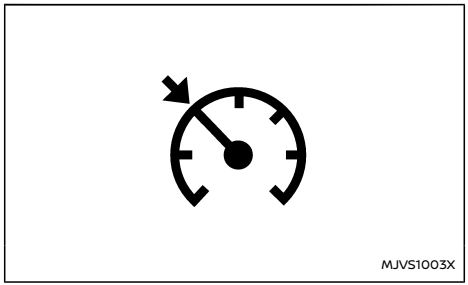
- Push down and hold the <RES±> switch ② to decrease speed in 10 km/h (5 MPH) increments.
- Push down and quickly release the <RES±> switch ② to to decrease speed by 1 km/h (1 MPH).

System temporarily unavailable

A chime sounds under the following conditions and the control is automatically cancelled.

- When the transmission is not in the D (Drive) position
- When the parking brake is applied
- When the ESP system (including the traction control system) operates
- When the ESP system is turned off
- When a wheel slips

Warning


MJVS1003X

When the system is not operating properly, the chime sounds and the colour of the cruise indicator will change to yellow.

Action to take:

If the colour of the cruise indicator changes to yellow (cruise control warning), park the vehicle in a safe place. Turn the EV system off, restart the EV system, resume driving and then perform the setting again.

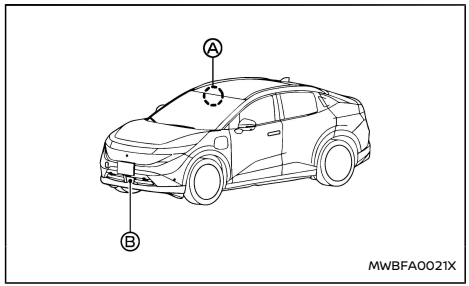
If it is not possible to set or the indicator stays on, it may indicate that the system is malfunctioning. Although the vehicle is still driveable under normal conditions, have the vehicle checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

INTELLIGENT DISTANCE CONTROL (IDC) (where fitted)

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the IDC system could result in serious injury or death.

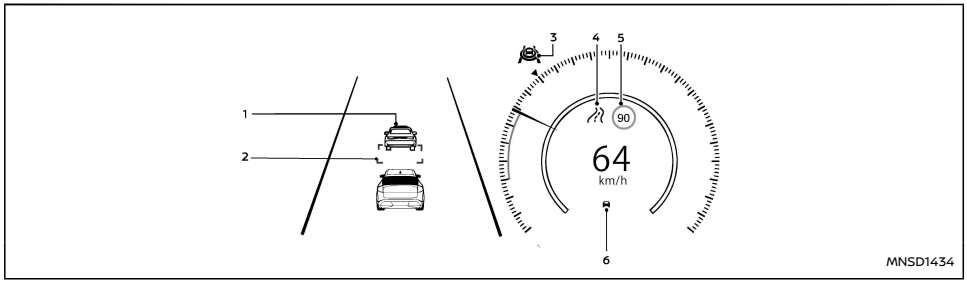
- **Always drive carefully and attentively when using the IDC system. Read and understand the Owner's Manual thoroughly before using the IDC system. To avoid serious injury or death, do not rely on the system to prevent accidents or to control the vehicle's speed in emergency situations. Do not use the IDC system except in appropriate road and traffic conditions.**
- **The IDC system is only an aid to assist the driver and is not a collision warning or avoidance device. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **As there is a performance limit to the distance control function never rely solely on the IDC system. This system does not correct careless, inattentive or absent-minded driving or overcome poor visibility in rain, fog or other bad weather. Decelerate the vehicle speed by depressing the brake pedal, depending on the distance from the vehicle ahead and surrounding circumstances in order to maintain safe distance between vehicles.**
- **Always pay attention to the operation of the vehicle and be ready to manually decelerate to maintain proper following distance.**
- **The IDC system may not be able to decelerate the vehicle under some circumstances.**
- **This system only brakes to help assist the driver to maintain following distance from the vehicle ahead. Acceleration should be operated by the driver.**
- **The IDC system does not control vehicle speed or warn you when you approach to stationary vehicle or vehicle travelling at much lower speed when it suddenly becomes apparent after the vehicle changes lanes. You must pay attention to the vehicle operation in order to maintain proper distance from vehicles ahead.**
- **The IDC system automatically decelerates your vehicle to help assist the driver to maintain following distance from the vehicle ahead. Manually brake when deceleration is required to maintain safe distance upon sudden braking by the vehicle ahead or when the vehicle suddenly appear in front of you. Always stay alert when using IDC system.**
- **If the vehicle ahead comes to a stop, the vehicle decelerates to a standstill within the limitations of the system. Once your vehicle stops, the IDC system keeps the vehicle stopped.**



The IDC system is intended to assist the driver in maintaining a following distance from the vehicle ahead travelling in the same lane and direction.

The IDC system uses a multi-sensing front camera Ⓐ installed behind the windscreen and a front radar sensor Ⓑ located on the front of the vehicle to measure the distance to the vehicle ahead. If the system detects a slower moving vehicle ahead, the system will reduce the vehicle speed to help the driver maintain a following distance.

IDC SYSTEM DISPLAY AND INDICATORS



1. **Vehicle ahead detection indicator**

   Displays whether the system detects a vehicle in front of you (only when the IDC is active)

2. **Distance control vehicle marker**

   The distance control target vehicle is indicated with the green marker displayed below the vehicle.

3. **ProPILOT Assist status indicator** ( )

   Indicates the status of the system by the colour of the indicator:

   - Status indicator (white): IDC is on
   - Status indicator (blue): ProPILOT Assist is active and IDC is off

4. **Road information indicator (where fitted)** (, , , ,)

   Indicates the detected road information

5. **Detected road sign (speed limit) indicator (where fitted)** (50)

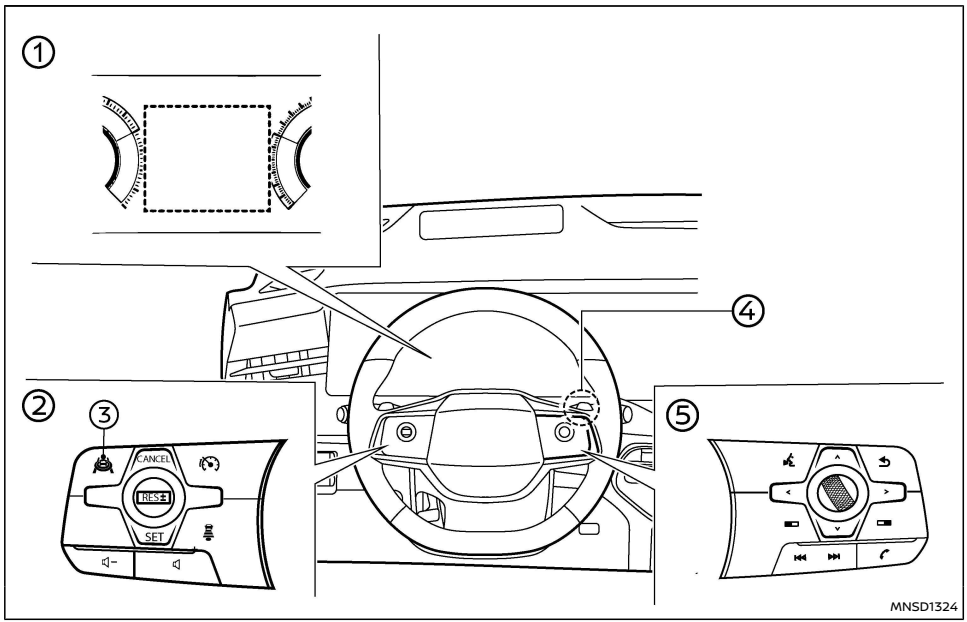
   Indicates the currently detected speed limit

6. **Intelligent Distance Control (IDC) status indicator** ( )

   Displays the status of the IDC system by the colour of the indicator.

   - Indicator (white): IDC is in standby
     - White vehicle icon displayed: Vehicle detected ahead
     - No vehicle icon displayed: No vehicle detected ahead
   - Indicator (green): IDC is active
   - Indicator (yellow): Indicates an IDC malfunction

HOW TO ENABLE/DISABLE THE IDC SYSTEM



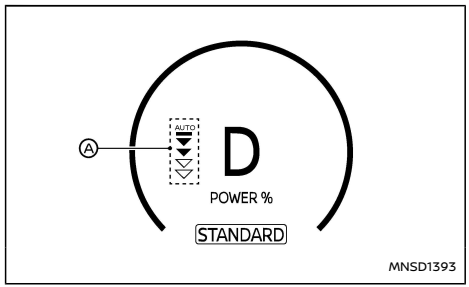
① Vehicle information display
② Steering-wheel-mounted controls (left side)
③ ProPILOT Assist switch
④ Right-side paddle selector
⑤ Steering-wheel-mounted controls (right side)

Turning the Intelligent Distance Control (IDC) ON/OFF

To turn on the IDC system, follow one of these two methods:

1. **Right-side paddle selector**

   To turn the IDC system ON or OFF, pull and hold the right-side paddle selector ④ for more than 1 second.



Vehicle information display

When the IDC system is ON, the IDC status indicator [AUTO] Ⓐ in the vehicle information display illuminates in blue.

The regenerative braking intensity level also turns blue and can be manually selected by the driver. For additional information on regenerative braking intensity, see “Manually selectable regenerative braking intensity” (P.268).

- When the ProPILOT Assist system becomes active, the IDC system turns OFF. When the ProPILOT Assist system is deactivated, the IDC system turns ON again.
- When the IDC system is turned ON using the right-side paddle selector switch, it remains ON even if the ProPILOT Assist system is turned OFF.

- The IDC system is not available when the Conventional (fixed speed) Cruise Control is selected in the menu. For additional information, see “Operating conventional (fixed speed) cruise control mode” (P.354).
- The IDC system can be used even when the Speed Limiter is ON.

2. **ProPILOT Assist switch**

When the Distance Control setting in the vehicle information display is enabled, the IDC system can be turned on by pushing the ProPILOT Assist switch ③.

- Vehicle information display setting

1) Push the < > button on the steering-wheel mounted controls ⑤ until [Settings] appears in the vehicle information display and then press the scroll dial.
2) Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3) Select [Forward Assist] and push the scroll dial.
4) Select [Distance Control] and push the scroll dial to turn the system ON or OFF.

NOTE:

The IDC system will retain current settings in the vehicle information display even if the EV system is restarted.

- When the Setting is enabled

Pushing the ProPILOT Assist switch puts the system in standby and turns the IDC system ON.

When the IDC system turns ON, the ProPILOT Assist system status indicator illuminates in white in the vehicle information display.

— When the ProPILOT Assist system becomes active, the IDC system turns OFF. When the ProPILOT Assist system is deactivated, the IDC system turns ON again.
— Turning OFF the ProPILOT Assist system also turns the IDC system OFF.
— The IDC system is not available when the Conventional (fixed speed) Cruise Control is selected in the menu. For additional information, see “Operating conventional (fixed speed) cruise control mode” (P.354).
— The IDC system is not available once the Speed Limiter is ON. To use the IDC system again, quickly release and push the ProPILOT Assist switch.

NOTE:

The IDC system will retain it’s ON/OFF status even if the EV system is restarted.

- When the Setting is disabled

The IDC system cannot be activated by pushing the ProPILOT Assist switch.

IDC SYSTEM OPERATION

The IDC system brakes according to the distance from and the relative speed of the vehicle ahead to assist the driver in maintaining a following distance. The system will decelerate when necessary and if the vehicle ahead comes to a stop, the vehicle decelerates to a standstill. However, the IDC system can only apply up to approximately 40% of the vehicle’s total braking power.

This system should only be used when traffic conditions allow vehicle speeds to change gradually. If a vehicle moves into the travelling lane ahead or if a vehicle travelling ahead rapidly decelerates, the distance between vehicles may become closer because the IDC system cannot decelerate the vehicle quickly enough. If this occurs, the IDC system will sound a warning chime and blink the system display to notify the driver to take necessary action. See “Approach warning” (P.360).

The IDC system operates as follows:

When there is a vehicle travelling ahead, the IDC system adjusts the speed to maintain the distance from the vehicle ahead. If the vehicle ahead comes to a stop, the vehicle decelerates to a standstill. Once your vehicle stops, the IDC system keeps the vehicle stopped.

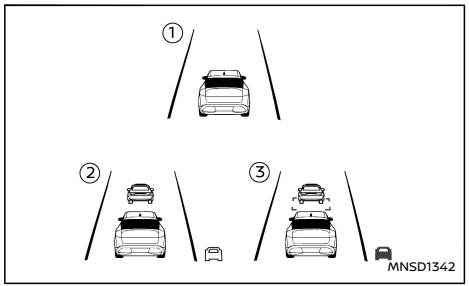
⚠ WARNING

The IDC system may not control vehicle speed or warn you when you approach either stationary or slow-moving vehicles. You must pay attention to vehicle operation to maintain proper distance from vehicles ahead.

Normally when controlling the distance to a vehicle ahead, the system automatically decelerates your vehicle according to the speed of the vehicle ahead.

Depress the accelerator pedal to properly accel-

erate your vehicle when acceleration is required. Depress the brake pedal when deceleration is required to maintain a safe distance to the vehicle ahead due to sudden braking or if a vehicle cuts in. Always stay alert when using the IDC system.



① No vehicle detected ahead

② Vehicle detected ahead (IDC status indicator turns white)

③ Vehicle detected ahead and system assisting with deceleration (IDC status indicator turns green and Distance control vehicle marker is displayed)

The IDC system assists the driver in maintaining a following distance to the vehicle ahead by applying the brake in the normal driving condition.

When a vehicle ahead is detected:

The vehicle ahead detection indicator appears. This indicator will also appear when the vehicle is driven on highways at speeds above 80 km/h (50 MPH) when the vehicle is at rist of undertaking another vehicle.

When approaching a vehicle ahead:

If the driver's foot is not on the accelerator pedal, the system activates the brakes to decelerate smoothly as necessary. If the vehicle ahead comes to a stop, the vehicle decelerates to a standstill within the limitations of the system.

NOTE:

- **The brake lights of the vehicle come on when braking is performed by the IDC system.**
- **When the brake is applied by the system, a noise may be heard. This is not a malfunction.**

Curve detected:

When the IDC system detects a curve, the system adjusts vehicle speed and the road information indicator comes on.

When the vehicle is through the curve, the road information indicator turns off.

Overriding the system:

The following driver operations overrides the system operation.

- When the driver depresses the accelerator pedal, neither the brake control nor the alert by the system operates.
- When the driver depresses the brake pedal, neither the brake control nor the alert by the system operates.
- When the Intelligent Cruise Control (ICC) is set, the IDC system becomes inactive.

Approach warning

If your vehicle comes closer to the vehicle ahead, the system warns the driver with the chime and the IDC system display. Decelerate by depressing the brake pedal to maintain a safe vehicle distance if:

- The chime sounds.
- The vehicle ahead detection indicator blinks.
- If you judge it necessary to maintain a safe distance.

The warning chime may not sound in some cases when there is a short distance between vehicles. Some examples are:

- When the vehicles are travelling at the same speed and the distance between vehicles is not changing.
- When the vehicle ahead is travelling faster and the distance between vehicles is increasing.
- When a vehicle cuts in near your vehicle.

The warning chime will not sound when:

- Your vehicle approaches other vehicles that are parked or moving slowly.

NOTE:

The approach warning chime may sound and the system display may flash when the radar sensor and camera detects objects on the side of the vehicle or on the side of the road.

This may cause the IDC system to decelerate the vehicle.

The radar sensor and camera may detect these objects when the vehicle is driven on winding, narrow, or hilly roads or when the vehicle is entering or exiting a curve. In these cases, you will have to manually control the proper distance ahead of your vehicle.

Also, the sensor sensitivity can be affected by the vehicle operation (steering manoeuvre or driving position in the lane) or traffic or vehicle conditions (for example, if a vehicle is being driven with some damage).

Undertake prevention (where fitted)

This feature helps prevent your vehicle from overtaking another vehicle on the incorrect side.

If the [Undertake Prevention] is enabled in the [Intelligent Cruise] settings, it remains active while the Intelligent Distance Control (IDC) is operating. For details, see "[Undertake Prevention]"129.

Speed Limit Link (where fitted)

⚠ WARNING

Listed below are the system limitations for the Speed Limit Link. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **It is the driver's responsibility to select the proper speed, follow all traffic regulations and observe other road users.**
- **The Speed Limit Link may not operate properly and the actual speed limit may not be applied to the IDC system in all conditions.**

  Below are some examples:

  — When the Traffic Sign Recognition (TSR) system is not functioning properly. (See "Traffic Sign Recognition (TSR)" (P.289).)

  — When driving in an area with nearby parallel roads (for example, a motorway with a parallel service drive).

  — When driving in an area where each lane has a different speed limit sign.

  — When driving on a road under construction or in a construction zone.

  — When crossing national boundaries.

  — When driving near a road split or a motorway junction.

  — When driving in countries or areas not covered by the Map locator system (Navi-link feature).

  — When the data from the Map locator system is not up-to-date or is unavailable (Navi-link feature).

  — When the Map locator system cannot connect to the server to get map information (Navi-link feature).

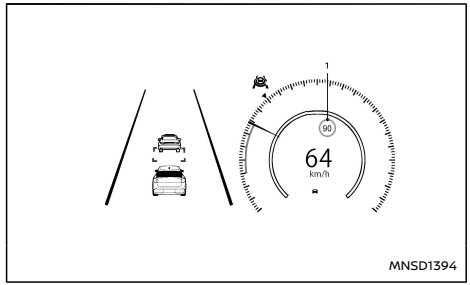
  — When software licence of the Map locator system has expired (Navi-link feature).

When the IDC system is active and detects a change in the speed limit, the new speed limit is displayed, and the system assists with deceleration to help the driver avoid exceeding the indicated speed limit when the accelerator pedal is released.

The Speed Limit Link operates:

- When the detected speed limit is 20 km/h (12 MPH) and above.
- The [Speed Limit Link] is enabled in the settings menu of the vehicle information display.
- When the Traffic Sign Recognition is turned on.

System display and indicators:



1. Detected speed limit indicator

   Displays the currently detected speed limit. For additional information, see "Traffic Sign Recognition (TSR)" (P.289).

   Applied speed limit indicator (green frame) indicates the detected speed limit can be applied to the IDC system.

How to activate or deactivate the system::

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Forward Assist] and push the scroll dial.
4. Select [Speed Limit Link] and push the scroll dial to turn the system on or off.

NOTE:

The function will retain current settings in the vehicle information display even if the EV system is restarted.

Navi Link - a feature of Intelligent Distance Control with Navi-link (where fitted)

⚠ WARNING

Listed below are the system limitations for the Navi Link. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **There are limitations to the Navi Link system capability. The system does not function in all driving, traffic, weather and road conditions. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **The Navi Link system does not brake the vehicle to a stop. Whenever necessary, the driver must apply appropriate braking.**
- **It is the driver's responsibility to select the proper speed, follow all traffic regulations and observe other road users.**
- **The Navi Link may not operate properly in some road and traffic conditions, and the system may unexpectedly change the speed. The driver must manually control the vehicle speed.**

  Below are some examples:

  - **When driving in countries or areas not covered by the Map locator system.**
  - **When the data from the Map locator system is not up-to-date or is unavailable.**
  - **When the Map locator system is recalculating the route.**
  - **When driving on a road under construction or on a newly constructed road.**
  - **When driving near a road split or junction.**
  - **When driving in bad weather or poor road conditions.**
  - **When the camera cannot correctly detect the lanes.**
  - **When the Map locator system cannot connect to the server to get map information.**
  - **When the software licence for the Map locator system has expired.**
  - **When the Map locator system is recalculating the route.**

When the IDC system is active and the driver release the accelerator peadal, the Navi Link uses road information provided by the Map locator system to assist the driver in reducing the vehicle speed depending on the following situations:

- Curves
- Motorway exits
- Roundabouts
- T-junctions

Also, the Navi Link assists the driver in reducing the vehicle speed when the turn signal indicator is turned on and the following situation is detected:

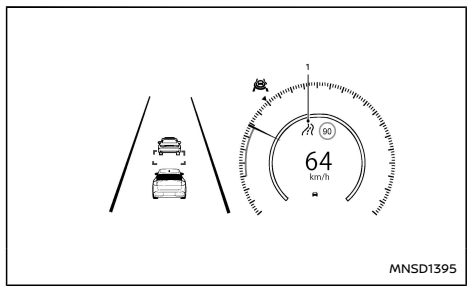
- Turning at junctions

The system may not always reduce speed for all curves, exits, roundabouts, X/T-junctions, or side-turns and the driver may need to apply additional braking at any time.

NOTE:

The system does not operate when the accelerator pedal is depressed.

System display and indicators:



MNSD1395

1. Road information indicator

   Appears when the system adjusts the speed depending on turns or exits.

	Curves
	Right exits
	Left exits
	Roundabouts
	T-junctions
	X-junctions and side-turns

How to activate or deactivate the system:

1. Push the < > button on the steering wheel until [Settings] appears in the vehicle information display, and push the scroll dial.
2. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
3. Select [Forward Assist] and push the scroll dial.
4. Select [Navi Link] and push the scroll dial to turn the system on or off.

NOTE:

The system will retain current settings in the vehicle information display even if the EV system is restarted.

IDC SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the IDC system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death:

- **The IDC system is primarily intended for use on major, dry roads with light traffic. It is not advisable to use the IDC system in city traffic or congested areas.**
- **The IDC system will not adapt automatically to all road conditions. This system should be used in evenly flowing traffic. Do not use the system on roads with sharp curves or on icy roads, in heavy rain or in fog.**
- **As there is a performance limit to the distance control function, never rely solely on the IDC system. This system does not correct careless, inattentive or absent-minded driving or overcome poor visibility in rain, fog, or other bad weather. Decelerate the vehicle speed by depressing the brake pedal, depending on the distance to the vehicle ahead and the surrounding circumstances in order to maintain a safe distance between vehicles.**
- **The IDC system will not apply brake control while the driver's foot is on the accelerator pedal.**
- **Always pay attention to the operation of the vehicle and be ready to manually control the proper following distance. The IDC system may not be able to maintain the distance between vehicles (following distance) under some circumstances.**
- **The IDC system does not detect the following objects:**
  - **— Pedestrians, cyclists or objects in the roadway**
  - **— Oncoming vehicles in the same lane**
  - **— Motorcycles travelling offset in the travel lane**
- **The IDC system may not detect a vehicle ahead in certain road, weather or driving conditions. To avoid accidents, never use the IDC system under the following conditions:**
  - **— On roads with heavy, high-speed traffic or sharp curves**
  - **— On slippery road surfaces such as on ice or snow, etc.**
  - **— On a bumpy road surface, such as an uneven dirt road**
  - **— With a fully charge Li-ion battery, constant braking may result in overheating the brakes**
  - **— On repeated uphill and downhill roads**
  - **— During bad weather (rain, fog, snow, etc.)**
  - **— When the sensor detection is reduced (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)**

— When dirt, ice, snow or other material adhere to the radar sensor area

— When a complicated-shaped vehicle such as a car carrier trailer or flatbed truck/trailer is near the vehicle ahead

— When there is interference by other radar sources

— When excessively heavy baggage is loaded in the rear seat or cargo area of your vehicle

— When towing a trailer or other vehicle

- **In some road or traffic conditions, a vehicle or object can unexpectedly come into the sensor detection zone and cause automatic braking. Always stay alert and avoid using the IDC system where not recommended in this warning section.**
- **The IDC system also uses a multi-sensing front camera. The following are some conditions in which the camera may not properly detect a vehicle and detection of a vehicle ahead may be delayed:**

— Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)

— The camera area of the windscreen is fogged up or covered with dirt, water drops, ice, snow, etc.

— Strong light (for example, sunlight or high beams from oncoming vehicles) enters the front camera

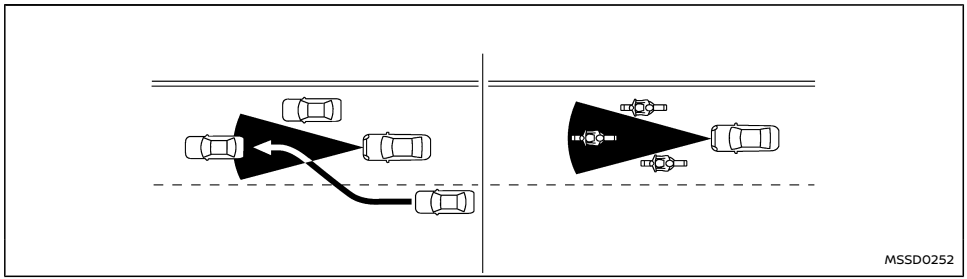
— Strong light causes the area around the pedestrian to be cast in a shadow, making it difficult to see

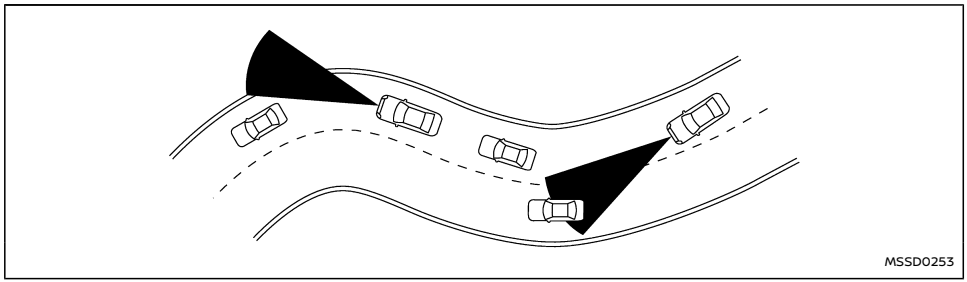
— A sudden change in brightness occurs (for example, when the vehicle enters or exits a tunnel or shaded area or lightning flashes)

The IDC system is designed to automatically check the radar sensor's operation within the limitations of the system

The detection zone of the radar sensor is limited. A vehicle ahead must be in the detection zone for the IDC system to operate. A vehicle ahead may move outside of the detection zone due to its position within the same lane of travel. Motorcycles may not be detected in the same lane ahead if they are travelling offset from the centre line of the lane. A vehicle that is entering the lane ahead may not be detected until the vehicle has completely moved into the lane.

If this occurs, the IDC system may warn you by blinking the system indicator and sounding the chime. The driver may have to manually control the proper distance away from the vehicle travelling ahead.


MSSD0252


MSSD0253

When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction, the radar sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle travelling ahead. This may cause the IDC system to work inappropriately.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition.

If this occurs, the system may warn you by blinking the system indicator and sounding the chime unexpectedly. You will have to manually control the proper distance away from the vehicle travelling ahead.

IDC SYSTEM TEMPORARILY UNAVAILABLE

The following are conditions in which the IDC system may be temporarily unavailable.

The IDC system is automatically cancelled under the following conditions. In these cases, no chime will sound and the system cannot be set.

- Any door is open.
- The driver's seat belt is unfastened.
- The transmission is moved out of the D (Drive) position.

Action to take:

When the conditions listed above are no longer present, the system will resume automatically.

The IDC system is automatically cancelled under the following conditions. In these cases, a chime will sound, a warning message will appear in the vehicle information display, and the system cannot be set.

- The ESP system is turned off.
- The front radar is impaired due to dirt or an other obstruction blocking the radar sensor.
- The front radar signal is temporarily interrupted.

Action to take:

When the conditions listed above are no longer present, turn the IDC system back on to use the system.

NOTE:

When the IDC system is cancelled at a standstill, the electric parking brake is automatically activated.

The IDC system will also be automatically cancelled under the following conditions:

- When inclement weather (rain, fog, snow, etc.) blocks the front radar sensor.
- When the front radar sensor is covered with dirt or obstructed.
- When driving on roads with limited road structures or buildings (e.g. long bridges, deserts, snow fields, driving next to long walls, etc.)

The Intelligent Distance Control (IDC) and the Intelligent Cruise Control (ICC) use a common radar sensor. For details and actions to take, see "ICC system temporarily unavailable" (P.346).

IDC SYSTEM MALFUNCTION

If the IDC system malfunctions, it will be turned off automatically, a chime will sound, the [System fault See Owner's Manual] warning message will appear, and the Intelligent Distance Control status indicator (yellow) will illuminate.

Action to take:

If the warning illuminates, stop the vehicle in a safe place. Turn the EV system off, restart the EV system and set the IDC system again. If it is not possible to set the IDC system or the warning stays on, it may be a malfunction. Although the normal driving can be continued, the IDC system should be inspected. It is recommended you visit a NISSAN certified electric vehicle dealer for this service

IDC SYSTEM MAINTENANCE

The Intelligent Distance Control (IDC) and the Intelligent Cruise Control (ICC) system use a common radar sensor and front camera. For the sensor maintenance, see "ICC sensor maintenance" (P.347).

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the Intelligent Emergency Braking system could result in serious injury or death.

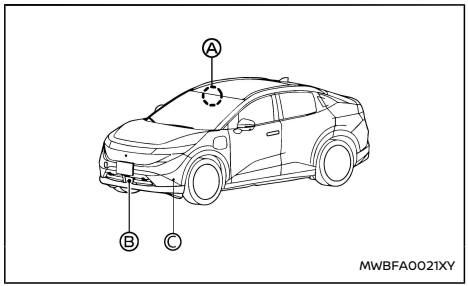
- **The Intelligent Emergency Braking system is a supplemental aid to the driver. It is not a replacement for the driver's attention to traffic conditions or responsibility to drive safely. It cannot prevent accidents due to carelessness or dangerous driving techniques.**
- **The Intelligent Emergency Braking system does not function in all driving, traffic, weather and road conditions.**

The Intelligent Emergency Braking system can assist the driver when there is a risk of a forward collision with

- a vehicle ahead or oncoming traffic in the travelling lane
- a pedestrian ahead in the travelling lane
- a cyclist ahead in the travelling lane

Junction assist can assist the driver when there is a risk of a forward collision

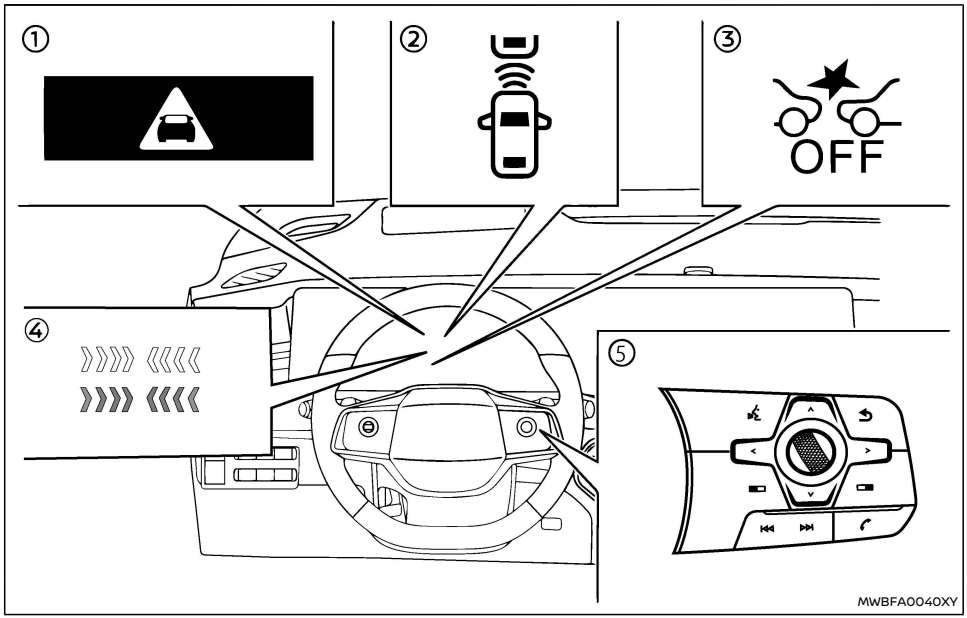
- When you turn right or left and cross the path of an oncoming vehicle.
- When you turn right or left, a pedestrian or cyclist is detected in the forward direction and is expected to enter your vehicle's path.
- When approaching crossing vehicle (for models equipped with front side radar)



The Intelligent Emergency Braking system uses a radar sensor Ⓑ located on the front of the vehicle to measure the distance to the vehicle ahead in the same lane.

For pedestrians and cyclists, the Intelligent Emergency Braking system uses a camera Ⓐ installed behind the windscreen in addition to the radar sensor.

For crossing vehicles, the Intelligent Emergency Braking system uses side radar Ⓒ (where fitted).



① Intelligent Emergency Braking emergency warning indicator

② Vehicle ahead detection indicator (on the vehicle information display)

③ Intelligent Emergency Braking system OFF warning light (on the meter panel)

④ Crossing vehicle detection indicator

⑤ Steering-wheel-mounted controls (right side)

Warning	Visual	Audible
First		Chime
Second		High pitched chime

INTELLIGENT EMERGENCY BRAKING SYSTEM OPERATION

The Intelligent Emergency Braking system will function when your vehicle is driven at speeds above approximately 5 km/h (3 MPH) or above approximatelly 30 km/h (19 MPH) for oncoming vehicles in the traveling lane.

For the pedestrian and cyclists detection function, the Intelligent Emergency Braking system operates at the following speed range:

- 10 to 80 km/h (6 to 50 MPH)

If a risk of a forward collision is detected, the Intelligent Emergency Braking system will firstly provide the warning to the driver by flashing the vehicle ahead detection indicator (yellow) in the vehicle information display and providing an audible alert. In addition, the system applies partial braking.

If the driver applies the brakes quickly and forcefully after the warning, and the Intelligent Emergency Braking system detects that there is still the possibility of a forward collision, the system will automatically increase the braking force.

If the driver does not take action, the Intelligent Emergency Braking system issues the second visual (flashing) (red) and audible warning. Then the system applies partial braking.

If the risk of a collision becomes imminent, the Intelligent Emergency Braking system applies harder braking automatically.

While the Intelligent Emergency Braking system is operating, you may hear the sound of brake operation. This is normal and indicates that the Intelligent Emergency Braking system is operating properly.

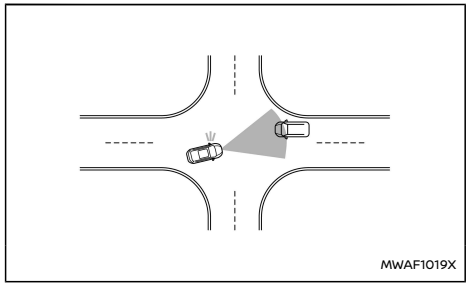
NOTE:

The vehicle's brake lights come on when braking is performed by the Intelligent Emergency Braking system.

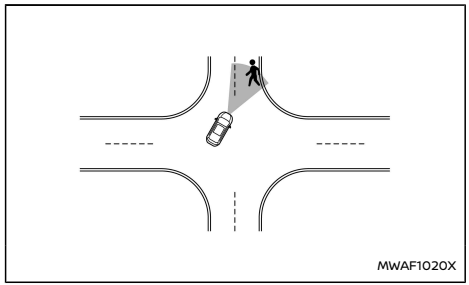
Junction assist (left/right turn) can operate at vehicle speeds between 10 - 30 km/h (6 –19 MPH).

The turn signal must be activated for junction assist (left/right turn) to detect an approaching vehicle. However, junction assist may detect a pedestrian without the turn signal activated.

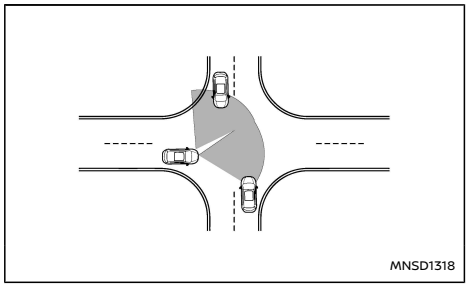
Junction assist (crossing vehicles) can operated at vehicle speed 5 – 80 km/h (3–50 MPH). If a risk of a forward collision is detected, the system displays Crossing vehicle detection indicator (red) and emit audible warning. If the risk of collision becomes imminent, the system applies braking. When your vehicle is stopped, the system will notify that a vehicle is approaching by turning Crossing vehicle detection indicator (white).



Junction assist for approaching vehicle



Junction assist for pedestrian



Junction assist for crossing vehicles

NOTE:

- **The vehicle's brake lights come on when braking is performed by the junction assist.**
- **When the Intelligent Emergency Braking system detects an obstacle in the path of the vehicle and displays the Intelligent Emergency Braking warning, a noise may be heard from the front of the vehicle as the vehicle primes the brakes to improve response time.**

Depending on vehicle speed and distance to the vehicle, pedestrian or cyclist ahead, as well as driving and roadway conditions, the system may help the driver avoid a forward collision or may help mitigate the consequences of a collision should one be unavoidable.

If the driver is handling the steering wheel, accelerating or braking, the Intelligent Emergency Braking system will function later or will not function.

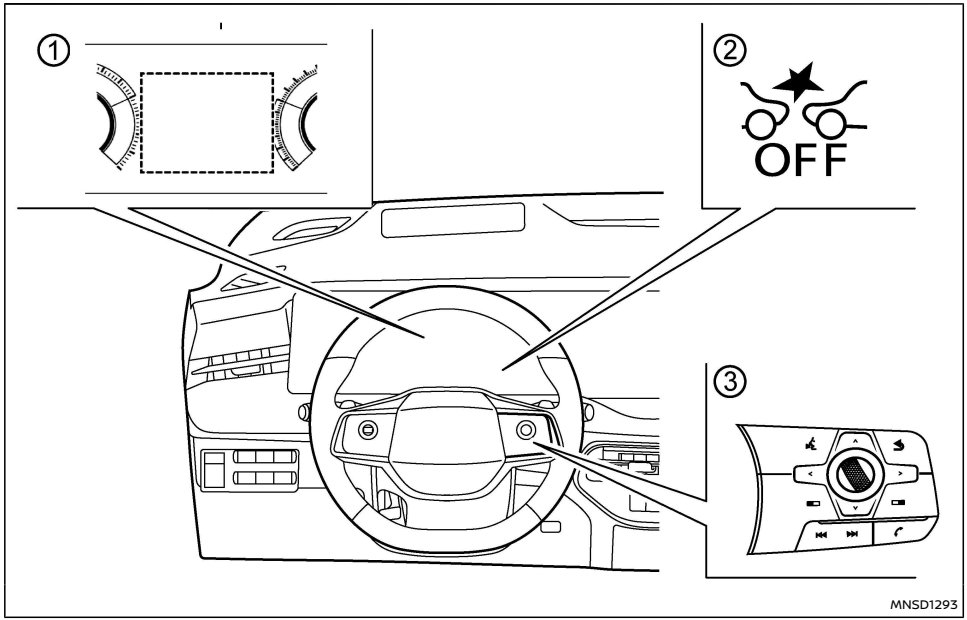
The automatic braking will cease under the following conditions:

- When the steering wheel is turned as far as necessary to avoid a collision.
- When the accelerator pedal is depressed.
- When there is no longer a vehicle, pedestrian or cyclist detected ahead.

If the Intelligent Emergency Braking system has stopped the vehicle, the vehicle will remain at a standstill for approximately 2 seconds before the brakes are released.

When the brake pedal is depressed while the brake is applied by the system, you may feel the pedal effort is changed and may hear a sound and vibration noise. This is normal and does not indicate a malfunction. In addition, the braking force can be increased by adding the pedal effort.

TURNING THE INTELLIGENT EMERGENCY BRAKING SYSTEM ON/OFF



① Vehicle information display

② Intelligent Emergency Braking system OFF warning light (on the meter panel)

③ Steering-wheel-mounted controls (right side)

Perform the following steps to turn the Intelligent Emergency Braking system on or off.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance] Then push the scroll dial.
2. Select [Emergency Brake] and push the scroll dial.
3. Select [Emergency Braking] and push the scroll dial to turn the system on or off.

When the Intelligent Emergency Braking system is turned off, the Intelligent Emergency Braking system OFF warning light illuminates.

NOTE:

- **Disabling the Electronic Stability Programme (ESP) system causes the Intelligent Emergency Braking system to become unavailable regardless of settings selected in the vehicle information display.**
- **The Intelligent Emergency Braking system will be automatically turned ON when the EV system is restarted.**
- **The Intelligent Emergency Braking system can be turned on or off while driving.**
- **The Intelligent Forward Collision Warning system is integrated into the Intelligent Emergency Braking system. There is not a separate selection for the Intelligent Forward Collision Warning system. When the Intelligent Emergency Braking system is turned off, the Intelligent Forward Collision Warning system is also turned off.**

Setting lane sensitivity

You can set lane sensitivity using the [Settings] menu in the vehicle information display.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll

dial to select [Driver Assistance]. Then push the scroll dial.

2. Select [Emergency Brake] and push the scroll dial.
3. Select [Warning Timing].
   - [Longer]
   - [Standard]
   - [Shorter]

NOTE:

The sensitivity setting will be retained even if the EV system is restarted.

Even if the ELA system is disabled in the [Settings] menu, the ELA system will automatically be turned on when the Steering Assist system (where fitted) is active. (After that, when the Steering Assist system stops operating, the ELA system state returns to the state before the Steering Assist system operated.)

INTELLIGENT EMERGENCY BRAKING SYSTEM LIMITATIONS

⚠ WARNING

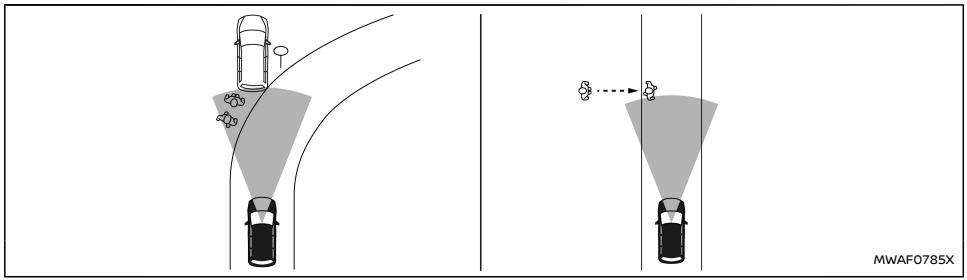
Listed below are the system limitations for the Intelligent Emergency Braking system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

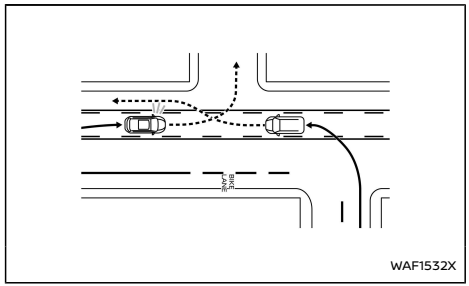
- **The Intelligent Emergency Braking system cannot detect all vehicles, pedestrians or cyclists under all conditions.**
- **The Intelligent Emergency Braking system does not detect the following:**
  - **Pedestrians that are small (for example, children), in a sitting position, operating toys/skateboards, on scooters or in wheelchairs, or not in an upright standing or walking position.**
  - **Animals of any size.**
  - **Obstacles (for example, cargo or debris) on the roadway or roadside.**
  - **Vehicles where the tyres are difficult to see or the shape of the rear of the vehicle is unclear or obstructed.**
  - **Parked vehicles.**
  - **When an oncoming vehicle in the traveling lane is either too slow or too fast.**
- **The Intelligent Emergency Braking system has some performance limitations.**
  - **If a stationary vehicle is in the vehicle's path, the system will not function when the vehicle approaches the stationary vehicle at speeds over approximately 100 km/h (62 MPH).**
  - **Pedestrian and cyclist detection will not function when the vehicle is driven at speeds over approximately 80 km/h (50 MPH) or below approximately 10 km/h (6 MPH).**
- **The Intelligent Emergency Braking system may not function properly or detect a vehicle (including oncoming vehicle), pedestrian or cyclist ahead in the following conditions:**
  - **In poor visibility conditions (such as rain, snow, fog, dust storms, sand storms, smoke, and road spray from other vehicles).**
  - **If dirt, ice, snow, fog or other material is covering the radar sensor area or camera area of the windscreen.**
  - **If strong light (for example, sunlight or high beams) enters the front camera or a sudden change in brightness occurs (for example, entering a tunnel or driving in lightning).**
  - **In dark or dimly lit conditions, such as at night or in tunnels, including cases where your vehicle's headlights are off or dim, or the tail lights of the vehicle ahead are off.**
  - **When the direction of the camera is misaligned.**
  - **When driving on a steep downhill slope, on roads with sharp curves, and/or bumpy or dirt roads.**
  - **If there is interference by other radar sources.**
  - **When your vehicle's position or movement is changed quickly or significantly (for example, lane change, turning vehicle, abrupt steering, sudden acceleration or deceleration).**
  - **When your vehicle or the vehicle, pedestrian or cyclist ahead moves quickly or significantly such that the system cannot detect and react in**

time (for example, pedestrian moving quickly toward the vehicle at close range, vehicle cutting in, changing lanes, making a turn, steering abruptly, sudden acceleration or deceleration).

- When the vehicle, pedestrian or cyclist is offset from the vehicle's forward path.
- If the speed difference between the two vehicles is small.
- The pedestrian's profile is partially obscured or unidentifiable; for example, due to transporting luggage, pushing a stroller, wearing bulky or very loose-fitting clothing or accessories, or being in a unique posture (such as raising hands).
- There is poor contrast of a person to the background, such as having clothing colour or pattern which is similar to the background.
- For approximately 15 seconds after starting the EV system.
- When the system has never detected an obstacle since the vehicle was driven after the EV system was started.
- If the vehicle ahead or oncoming vehicle has a unique or unusual shape, extremely low or high clearance heights, or unusual cargo loading or is narrow (for example, a motorcycle).
- When the vehicle, pedestrian or cyclist is located near a traffic sign, a reflective area (for example, water on road), or is in a shadow.
- When multiple pedestrians or cyclists are grouped together.
- When the view of the pedestrian or cyclist is obscured by a vehicle or other object.
- While towing a trailer or other vehicle.

- The system performance may be degrade in the following conditions:
  - The vehicle is driven on a slippery road.
  - The vehicle is driven on a slope.
  - Excessively heavy baggage is loaded in the rear seat or the cargo area of your vehicle.
- The system is designed to automatically check the sensor's (radar and camera) functionality, within certain limitations. The system may not detect some forms of obstruction of the sensor area such as ice, snow or stickers, for example. In these cases, the system may not be able to warn the driver properly. Be sure that you check, clean and clear sensor areas regularly.
- In some road and traffic conditions, the Intelligent Emergency Braking system may unexpectedly apply partial braking. When acceleration is necessary, depress the accelerator pedal to override the system.
- The Intelligent Emergency Braking system may operate when a pattern, object, shadow or lights are detected that are similar to the outline of vehicles, pedestrians or cyclists, or if they are the same size and position as a vehicle or motorcycle's tail lights.
- The system may keep operating when the vehicle ahead is turning right or left.
- The system may operate when your vehicle is approaching and passing a vehicle ahead.
- Depending on the road shape (curved road, entrance and exit of the curve, winding road, lane regulation, under construction, etc.), the system may operate temporarily for the approaching vehicle in front of your vehicle.



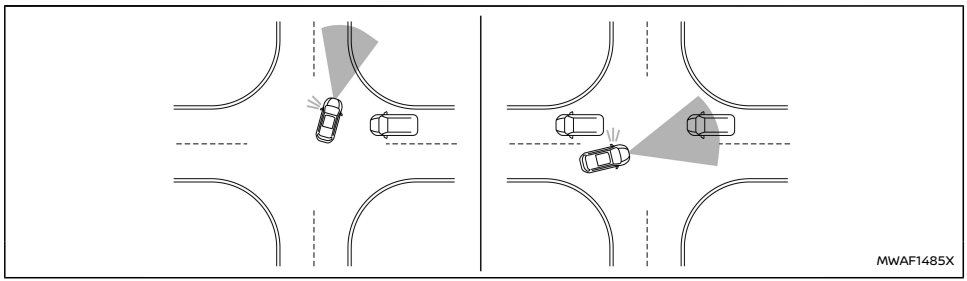


⚠ WARNING

- **The Intelligent Emergency Braking system may react to:**
  - **— objects on the roadside (traffic sign, guardrail, pedestrian, cyclist, motorcycle, vehicle, etc.)**
  - **— pedestrians or cyclists when driving on the narrow alleys, etc.**
  - **— pedestrians or cyclists who temporarily protrude into or approaching the driving lane to avoid the obstacles on the road shoulder**
  - **— objects above road (low bridge, traffic sign, etc.)**
  - **— objects on the road surface (railroad track, grate, steel plate, etc.)**
  - **— objects in the parking garage (beam, pillar, etc.)**
  - **— pedestrians, cyclists or motorcycles approaching the travelling lane**
  - **— vehicles, pedestrians, cyclists, motorcycles or objects in adjacent lanes or close to the vehicle**
  - **— approaching pedestrians, cyclists**
  - **— objects on the road (such as trees)**
- **Braking distances increase on slippery surfaces.**
- **Excessive noise will interfere with the warning chime sound, and the chime may not be heard.**

⚠ WARNING

- **Junction assist (right/left turn) does not apply braking to approaching vehicles in front of your vehicle.**

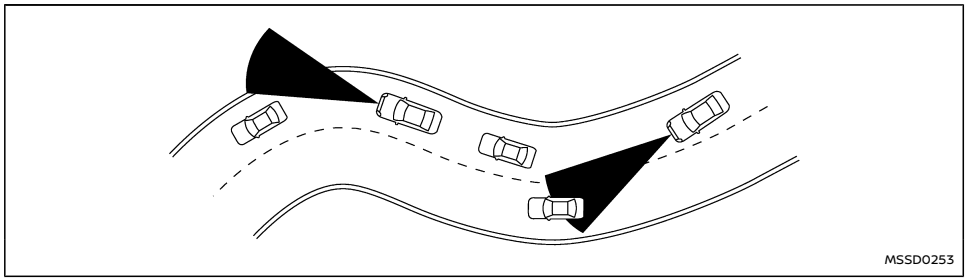


(In the junction) After turning left/Approaching vehicles in a row

⚠ WARNING

In addition to the system limitations that apply to the Intelligent Emergency Braking system, the following system limitations apply to the Intelligent Emergency Braking while junction assist is operating:

- **Junction assist (right/left turn) may not detect an approaching vehicle or pedestrian in the following conditions:**
  - **— When driving in a traffic lane separated by more than 2 lanes from approaching vehicles while making a right/left turn.**
  - **— When not heading directly towards an approaching vehicle during a right/left turn.**
  - **— Junction assist (right/left turn) may not detect an approaching vehicle after you have already started your turn.**
  - **— When turning sharply or on a very wide curve.**
  - **— When the centre line is not recognised by the system.**
  - **— When there are a number of approaching vehicles following each other in a row.**
  - **— When the lane is wider or narrower than normal.**
  - **— When the centre line is located close to a road marker.**
- **Junction assist (right/left turn) may apply braking while making a right/left turn even if the risk of a collision is low.**
- **Junction assist (right/left turn) may also apply braking when approaching vehicle movement cannot be predicted due to sudden left/right turns or deceleration of the approaching vehicles.**
- **Junction assist (crossing vehicle) may not detect crossing vehicle in following conditions:**
  - **— When crossing vehicle is long in overall length, such as large truck, trailer, etc.**
  - **— When crossing vehicle is hidden by structures or other vehicles.**
- **Junction assist (crossing vehicle) may operate in following conditions even if a vehicle is not approaching:**
  - **— When an object that reflect radio waves, such as a wall, guard rail or other vehicles is too close to your vehicle.**
  - **— When there is an object crossing over your vehicle, such as an elevated road, etc.**



When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction or on a slope, the sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle travelling ahead. This may cause the system to work inappropriately.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition. If this occurs, the system may warn you by blinking the system indicator and sounding the chime unexpectedly. You will have to manually control the proper distance away from the vehicle travelling ahead.

SYSTEM TEMPORARILY UNAVAILABLE

Condition A

In the following conditions, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Camera] [Temporarily Disabled See Owner's Manual] warning message will appear in the vehicle information display. And the system will be turned off automatically.

- The camera area of the windscreen is covered with moisture, snow, ice, dirt or some other object.
- The camera area of the windscreen is continuously covered with dirt, etc.

Action to take:

Check that the windscreen is clean and free from ice/mist in front of the camera. If necessary, operate the Max defogging/defrosting function to clear. This may take several minutes.

When the above condition no longer exists, the Intelligent Emergency Braking system will resume automatically

Condition B

In the following conditions, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Currently Unavailable Poor Visibility] warning message will appear in the vehicle information display.

- Strong light is shining onto the front of the vehicle.
- The camera area of the windscreen is fogged up or covered with dirt, water, drops, ice, snow, etc. temporarily.

Action to take:

When the above conditions no longer exist, the Intelligent Emergency Braking system will resume automatically.

Condition C

In the following condition, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Currently Unavailable Front Camera High Temperature] warning message will appear in the vehicle information display.

- The cabin temperature is over approximately 40 °C (104 °F) in direct sunlight.

Action to take:

When the interior temperature is reduced, the Intelligent Emergency Braking system will resume automatically.

Condition D

In the following conditions, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Currently Unavailable] warning message will appear in the vehicle information display.

- When the system check for the warning function did not end normally.
- When the vehicle is towed.

Action to take:

When the above conditions no longer exist, the Intelligent Emergency Braking system will resume automatically.

Condition E

In the following condition, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Currently Unavailable Radar Inhibited] warning message will appear in the vehicle information display.

- When the radar sensor picks up interference from another radar source.

Action to take

When the above condition no longer exists, the Intelligent Emergency Braking system will resume automatically.

Condition F

In the following condition, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Radar] [Temporarily Disabled See Owner's Manual] warning message will appear in the vehicle information display.

- The sensor area of the front of the vehicle is covered with dirt or is obstructed.

Action to take:

If the warning light illuminates, pull off the road to a safe location and stop the vehicle. Turn the EV system off. Clean the radar cover on the front of the vehicle with a soft cloth, and restart the EV system. If the warning light continues to illuminate, have the Intelligent Emergency Braking system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Condition G

In the following condition, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Radar] [Temporarily Disabled See Owner's Manual] warning message will appear in the vehicle information display.

- When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls).

Action to take:

When the above condition no longer exists, the Intelligent Emergency Braking system will resume automatically.

Condition H

When the Electronic Stability Programme (ESP) system is turned OFF, the Intelligent Emergency Braking system braking will not operate, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Currently Unavailable ESP OFF] warning message will appear in the vehicle information display.

Action to take:

When the ESP system is ON, the Intelligent Emergency Braking system will resume automatically.

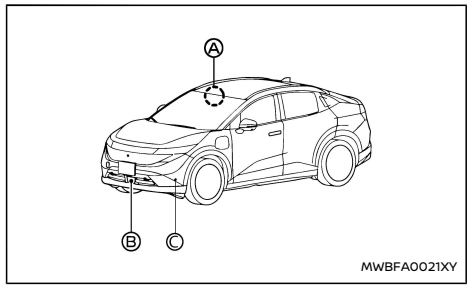
SYSTEM MALFUNCTION

If the Intelligent Emergency Braking system malfunctions, it will be turned off automatically, a chime will sound, the Intelligent Emergency Braking system OFF warning light (yellow) will illuminate and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

Action to take:

If the warning light (yellow) comes on, stop the vehicle in a safe location. Turn the EV system off and restart the EV system. If the warning light continues to illuminate, have the Intelligent Emergency Braking system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE



The camera Ⓐ is located on the upper side of the windscreen. The radar sensor Ⓑ is located on the

front of the vehicle while radar sensor Ⓒ is located on the side of the vehicle.

To keep the Intelligent Emergency Braking system operating properly, be sure to observe the following:

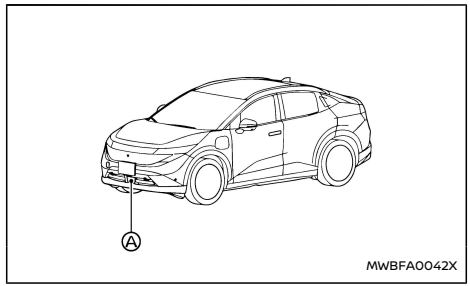
- Always keep the sensor area on the front and the side of the vehicle and windscreen clean.
- Do not strike or damage the areas around the sensors (ex. bumper, windscreen).
- Do not cover or attach stickers (including transparent materials) or install an accessory on the front of the vehicle near the sensor area. This could cause failure or malfunction.
- Do not attach metallic objects near the radar sensor area (brush guard, etc.). This could cause failure or malfunction.
- Do not place reflective materials, such as white paper or a mirror, on the instrument panel. The reflection of sunlight may adversely affect the camera unit's detection capability.
- Do not alter, remove or paint the front of the vehicle near the sensor area. Before customising or restoring the sensor area, it is recommended that you visit a NISSAN certified electric vehicle dealer.
- Do not fit the number plate in a frame.

⚠ WARNING

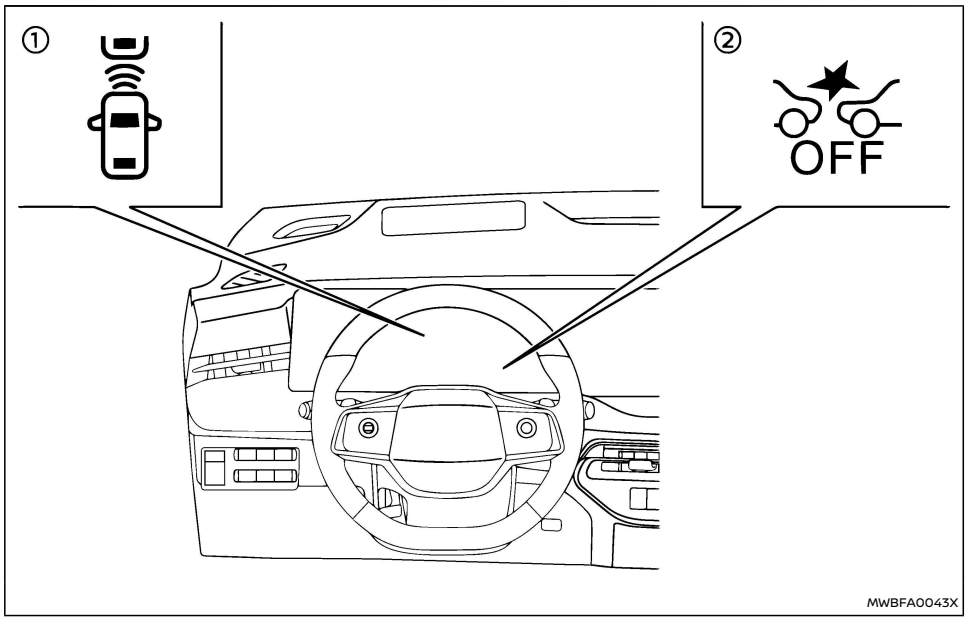
Failure to follow the warnings and instructions for proper use of the Intelligent Forward Collision Warning system could result in serious injury or death.

- **The Intelligent Forward Collision Warning system helps warn the driver before a collision but will not avoid a collision. It is the driver's responsibility to stay alert, drive safely and be in control of the vehicle at all times.**

The Intelligent Forward Collision Warning system can help alert the driver when there is a sudden braking of a second vehicle travelling in front of the vehicle ahead in the same lane.

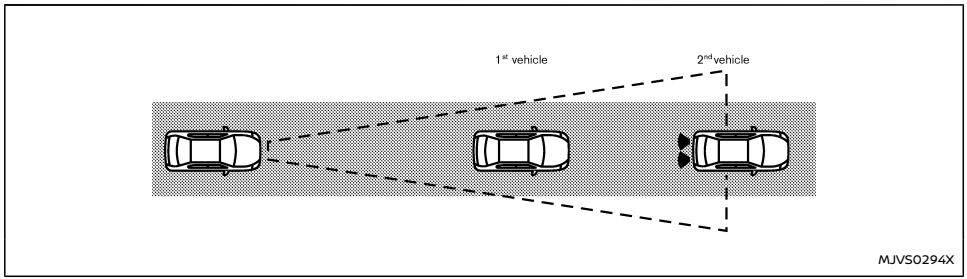


The Intelligent Forward Collision Warning system uses a radar sensor Ⓐ located on the front of the vehicle to measure the distance to a second vehicle ahead in the same lane.



① Vehicle ahead detection indicator (on the vehicle information display)

② Intelligent Emergency Braking system OFF warning light (on the meter panel)

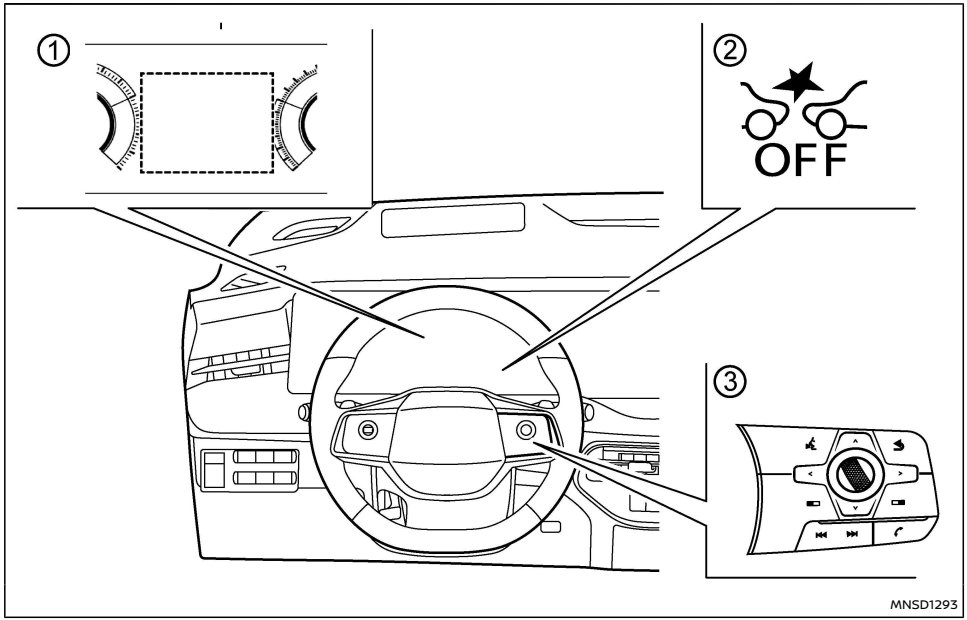


INTELLIGENT FORWARD COLLISION WARNING SYSTEM OPERATION

The Intelligent Forward Collision Warning system operates at speeds above approximately 5 km/h (3 MPH).

If there is a potential risk of a forward collision, the Intelligent Forward Collision Warning system will warn the driver by blinking the vehicle ahead detection indicator, and sounding an audible alert.

TURNING THE INTELLIGENT FORWARD COLLISION WARNING SYSTEM ON/OFF



① Vehicle information display

② Intelligent Emergency Braking system OFF warning light (on the meter panel)

③ Steering-wheel-mounted controls (right side)

Perform the following steps to turn the Intelligent Forward Collision Warning system on or off.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance.] Then push the scroll dial.
2. Select [Emergency Brake] and push the scroll dial.
3. Select [Emergency Braking] and push the scroll dial to turn the system on or off.

When the Intelligent Forward Collision Warning system is turned off, the Intelligent Emergency Braking system OFF warning light (yellow) illuminates.

NOTE:

- **The Intelligent Forward Collision Warning system will be automatically turned on when the EV system is restarted.**
- **The Intelligent Forward Collision Warning system is integrated into the Intelligent Emergency Braking system. There is not a separate selection for the Intelligent Forward Collision Warning system. When the Intelligent Emergency Braking system is turned off, the Intelligent Forward Collision Warning system is also turned off.**
- **The Intelligent Forward Collision Warning system can be turned on or off while driving.**

INTELLIGENT FORWARD COLLISION WARNING SYSTEM LIMITATIONS

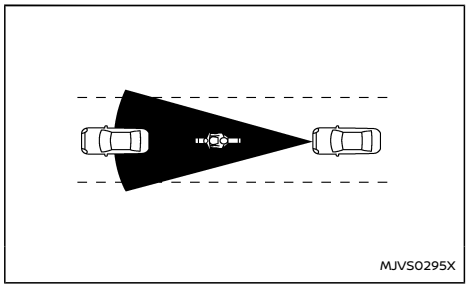


Illustration A

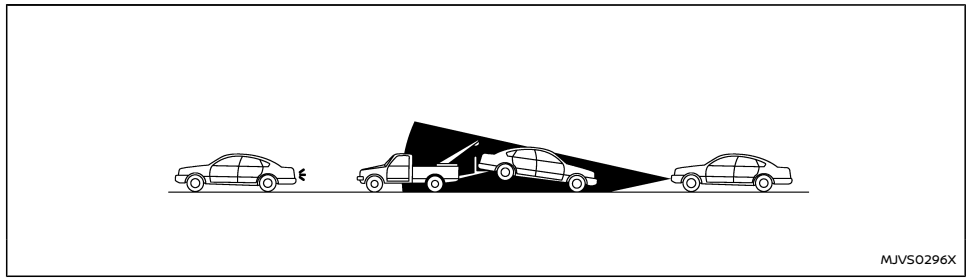


Illustration B

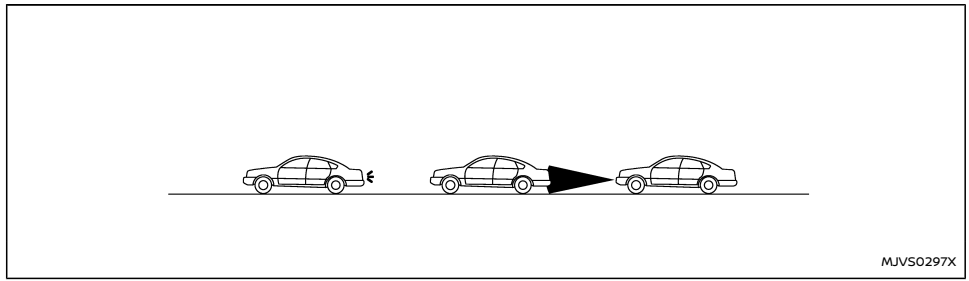


Illustration C

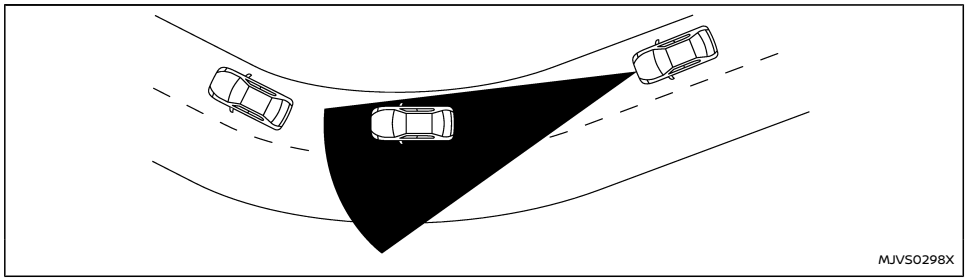
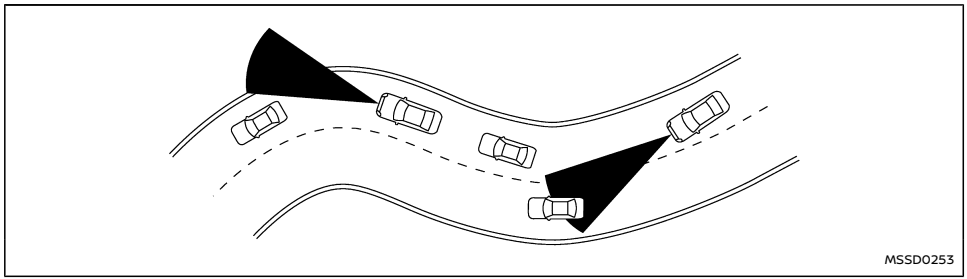


Illustration D

⚠ WARNING

Listed below are the system limitations for the Intelligent Forward Collision Warning system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The Intelligent Forward Collision Warning system cannot detect all vehicles under all conditions.**
- **The radar sensor does not detect the following objects:**
  - **— Pedestrians, animals or obstacles in the roadway**
  - **— Oncoming vehicles**
  - **— Crossing vehicles**
- **(Illustration A) The Intelligent Forward Collision Warning system does not function when a vehicle ahead is a narrow vehicle, such as a motorcycle.**
- **The radar sensor may not detect a vehicle ahead in the following conditions:**
  - **— Snow or heavy rain**
  - **— Dirt, ice, snow or other material covering the radar sensor**
  - **— Interference by other radar sources**
  - **— Snow or road spray from travelling vehicles.**
  - **— Driving in a tunnel**
  - **— Towing a trailer**
- **(Illustration B) When the vehicle ahead is being towed.**
- **(Illustration C) When the distance to the vehicle ahead is too close, the beam of the radar sensor is obstructed.**
- **(Illustration D) When driving on a steep downhill slope or roads with sharp curves.**
- **The system is designed to automatically check the sensor's functionality, within certain limitations. The system may not detect some forms of obstruction of the sensor area such as ice, snow, stickers, for example. In these cases, the system may not be able to warn the driver properly. Be sure that you check, clean and clear the sensor area regularly.**
- **Excessive noise will interfere with the warning chime sound, and the chime may not be heard.**


MSSD0253

When driving on some roads, such as winding, hilly, curved, narrow roads, or roads which are under construction, the radar sensor may detect vehicles in a different lane, or may temporarily not detect a vehicle travelling ahead. This may cause the Intelligent Forward Collision Warning system to work inappropriately.

The detection of vehicles may also be affected by vehicle operation (steering manoeuvre or travelling position in the lane, etc.) or vehicle condition. **If this occurs, the system may warn you by blinking the vehicle ahead detection indicator and sounding the chime unexpectedly. You will have to manually control the proper distance away from the vehicle travelling ahead.**

SYSTEM TEMPORARILY UNAVAILABLE

Condition A

When the radar sensor picks up interference from another radar source, making it impossible to detect a vehicle ahead, the Intelligent Forward Collision Warning system is automatically turned off. The Intelligent Emergency Braking system OFF warning light (yellow) will illuminate and the [Currently Unavailable Radar Inhibited] warning message will appear in the vehicle information display.

Action to take:

When the above conditions no longer exist, the Intelligent Forward Collision Warning system will resume automatically.

Condition B

Under the following conditions, making it impossible to detect a vehicle ahead, the Intelligent Forward Collision Warning system is automatically turned off.

The Intelligent Emergency Braking system OFF warning light (yellow) will illuminate and the [Radar] [Temporarily Disabled See Owner's Manual] warning message will appear in the vehicle information display.

- When the sensor area of the front of the vehicle is covered with dirt or is obstructed

Action to take:

If the warning light (yellow) illuminate, stop the vehicle in a safe place, push the park button to engage the P (Park) position and turn the EV system off. Clean the radar cover on the front of the vehicle with a soft cloth, and restart the EV system. If the warning light continues to illuminate, have the Intelligent Forward Collision Warning system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

- When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls)

Action to take:

When the above conditions no longer exist, the Intelligent Forward Collision Warning system will resume automatically.

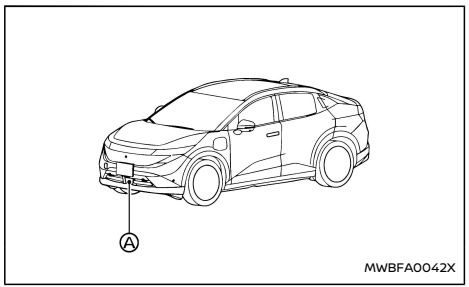
SYSTEM MALFUNCTION

If the Intelligent Forward Collision Warning system malfunctions, it will be turned off automatically, a chime will sound, the Intelligent Emergency Braking system OFF warning light (yellow) will illuminate and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

Action to take:

If the warning light (yellow) illuminates, stop the vehicle in a safe location. Turn the EV system off and restart the EV system. If the warning light continues to illuminate, have the Intelligent Forward Collision Warning system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE



The radar sensor Ⓐ is located on the front of the vehicle.

To keep the system operating properly, be sure to observe the following:

- Always keep the sensor area on the front of the vehicle clean.
- Do not strike or damage the areas around the sensor.
- Do not cover or attach stickers (including transparent materials) or install an accessory on the front of the vehicle near the sensor area. This could cause failure or malfunction.
- Do not attach metallic objects near the sensor area (brush guard, etc.). This could cause failure or malfunction.
- Do not alter, remove or paint the front bumper. It is recommended you contact a NISSAN certified electric vehicle dealer before customising or restoring the front bumper.
- Do not fit the number plate in a frame.

⚠ WARNING

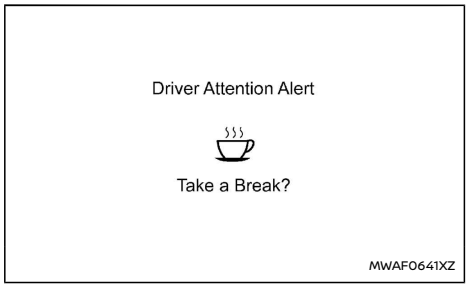
Failure to follow the warnings and instructions for proper use of the Intelligent Driver Alertness system could result in serious injury or death.

- **The Intelligent Driver Alertness system is only a warning to inform the driver of a potential lack of driver attention or drowsiness. It will not steer the vehicle or prevent loss of control.**
- **The Intelligent Driver Alertness system does not detect and provide an alert of the driver's lack of attention or fatigue in every situation.**
- **It is the driver's responsibility to:**
  - **— Stay alert.**
  - **— Drive safely.**
  - **— Keep the vehicle in the travelling lane.**
  - **— Be in control of the vehicle at all times.**
  - **— Avoid driving when tired.**
  - **— Avoid distractions (texting, etc.).**

The Intelligent Driver Alertness system helps alert the driver if the system detects a lack of attention or driving fatigue.

The system monitors driving style and steering behavior over a period of time, and it detects changes from the normal pattern. If the system detects that driver attention is decreasing over a period of time, the system uses audible and visual warnings to suggest that the driver take a break.

INTELLIGENT DRIVER ALERTNESS SYSTEM OPERATION



[Take a break?] message (on the vehicle information display)

If the system detects driver fatigue or that driver attention is decreasing, the message [Take a break?] appears in the vehicle information display and a chime sounds when the vehicle is driven at speeds above 60 km/h (37 MPH).

In addition, the system operates as follows:

- When the system alerts the driver, the Intelligent Driver Alertness indicator light (white) will also illuminate.
- The chime will sound continuously.

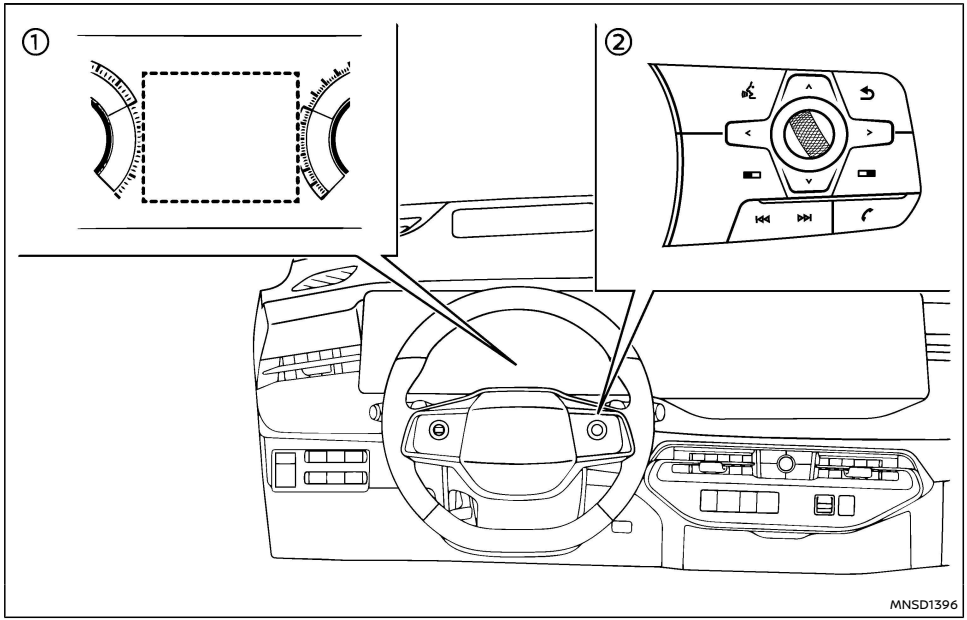
To disable the warning, push the scroll dial on the steering wheel.

The system continuously monitors driver attention and can provide multiple warnings per trip.

The system resets and starts reassessing driving style and steering behavior when the power switch is cycled from the ON to the OFF position and back to the ON position.

The system will not operate when Steering Assist system (where fitted) is activated.

HOW TO ENABLE/DISABLE THE INTELLIGENT DRIVER ALERTNESS SYSTEM WARNING



① Vehicle information display

② Steering-wheel-mounted control (right side)

Perform the following steps to enable or disable the Intelligent Driver Alertness system warning.

1. Push the < > button until [Settings] appears in the vehicle information display and push the scroll dial. Use the scroll dial to select [Driver Assistance.] Then push the scroll dial.
2. Select [Driver Monitoring] and push the scroll dial to choose [OFF], [Standard] and [Advanced].

NOTE:

- **The Intelligent Driver Alertness system will automatically be turned on when the EV system is restarted.**
- **As long as Steering Assist (where fitted) is activated, the Intelligent Driver Alertness system will be deactivated. Turning off Steering Assist reactivates the Intelligent Driver Alertness system.**

INTELLIGENT DRIVER ALERTNESS SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the Intelligent Driver Alertness system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The Intelligent Driver Alertness system may not operate properly and may not provide an alert in the following conditions:**
  - **— Poor road conditions such as an uneven road surface or pot holes.**
  - **— Strong side wind.**
  - **— If you have adopted a sporty driving style with higher cornering speeds or higher rates of acceleration.**
  - **— Frequent lane changes or changes to vehicle speed.**
- **The Intelligent Driver Alertness system will not provide an alert in the following conditions:**

DRIVER MONITORING SYSTEM (where fitted)

- **— Vehicle speeds lower than 60 km/h (37 MPH).**
- **— Short lapses of attention.**
- **— Instantaneous distractions such as dropping an object.**
- **— While Steering Assist (where fitted) is activated.**

SYSTEM MALFUNCTION

If the Intelligent Driver Alertness system malfunctions, it will be turned off automatically, the Intelligent Driver Alertness indicator light (yellow) will illuminate and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

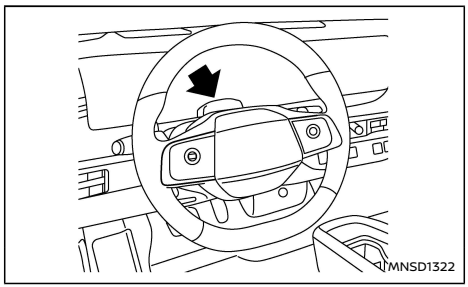
Action to take

If the indicator light (yellow) illuminates, pull off the road to a safe location and stop the vehicle. Turn the EV system off and restart the EV system. If the indicator light (yellow) continues to illuminate, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

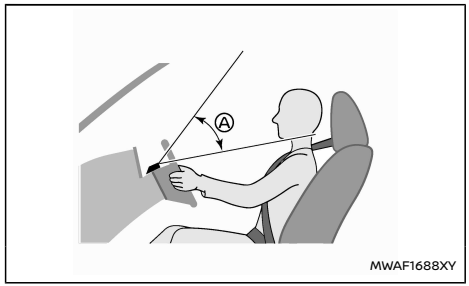
⚠ WARNING

Failure to follow the warnings and instructions for proper use of the Driver Monitoring System could result in serious injury or death.

- **The Driver Monitoring system may not detect the driver's condition in all situations.**
- **It is the driver's responsibility to:**
  - **— Stay alert.**
  - **— Drive safely.**
  - **— Keep the vehicle in the travelling lane.**
  - **— Be in control of the vehicle at all times.**
  - **— Avoid driving when tired.**
  - **— Avoid distractions (texting, etc.).**
- **The driver should always be attentive and take action if needed to manage the roadway and traffic situation.**

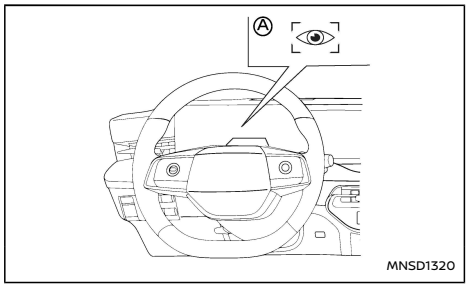


The Driver Monitoring system monitors the driver's attention to the road ahead with a driver facing camera located on the steering column. The system is for a head position and direction, eye opening and eye direction. If the system does not detect driver's attention on the road, the system uses a set of audible and visual warnings to draw driver's attention back forward.



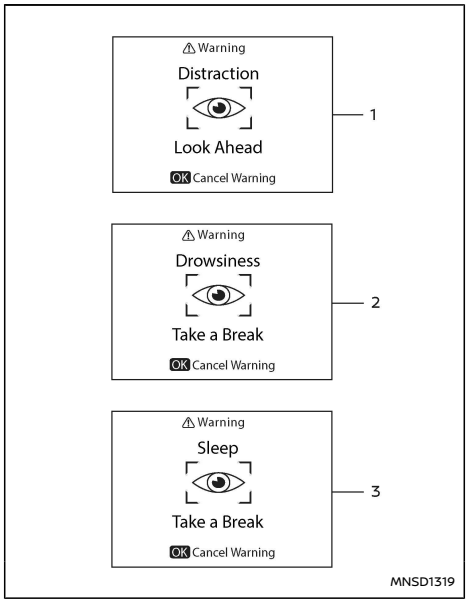
If the driver's face is below the camera's detection range Ⓐ, the driver monitor may not work properly. Adjust your face position so that the camera can detect your entire face, by lowering the steering column or raising the seat position, for example. (See "Steering wheel" (P.212) and "Front seats" (P.64)).

DRIVER MONITORING SYSTEM OPERATION



The Driver Monitoring system uses a camera to determine if the driver is monitoring the road ahead.

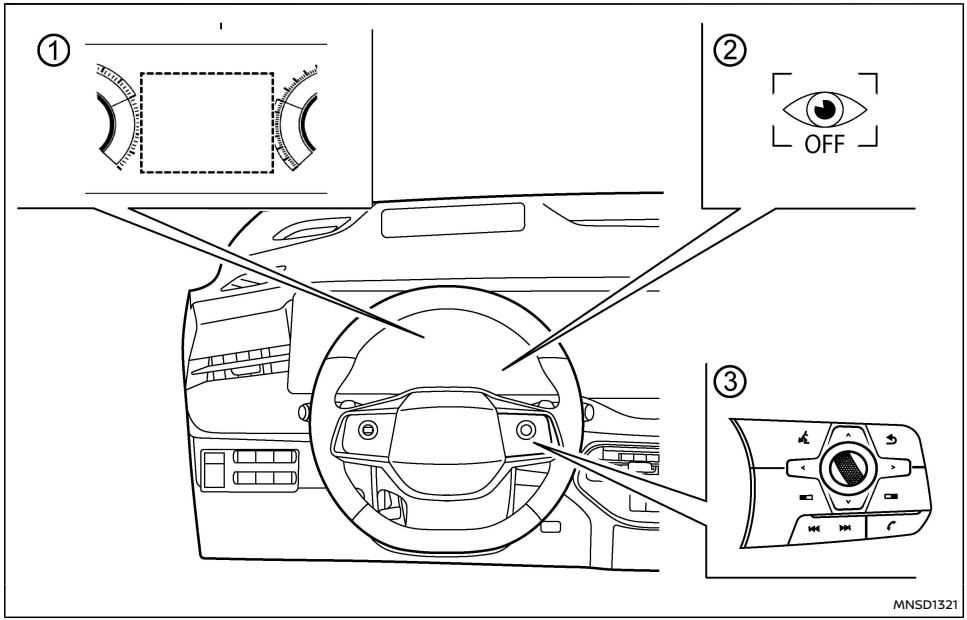
- The Driver Monitoring indicator (yellow) Ⓐ will blink, a beep will sound and a message will appear in the vehicle information display when the vehicle is driven at speeds above 20 km/h (12.5 MPH).
- The messages provided are as follows:



1) [Distraction][Look Ahead]
2) [Drowsiness][Take a break]
3) [Sleep][Take a break]

- The warning disappears when the driver turns back to the traffic situation.
- To disable the warning, push the scroll dial on the steering wheel.

HOW TO ENABLE/DISABLE THE DRIVER MONITORING SYSTEM



① Vehicle information display

② Driver Monitoring OFF indicator (in the vehicle information display)

③ Steering-wheel-mounted controls (right side)

Perform the following steps to enable or disable the Driver Monitoring system:

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance]. Then push the scroll dial.
2. Select [Driver Monitoring] and push the scroll dial to choose [OFF], [Standard] or [Advanced]. (See "[Driver Monitoring]" (P.130)).

When the Driver Monitoring system is turned off, the Driver Monitoring OFF indicator illuminates.

NOTE:

The Driver Monitoring system will automatically switch to Advanced when the engine is restarted.

DRIVER MONITORING SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the Driver Monitoring system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The Driver Monitoring system may not detect the driver's condition in all situations, including:**
  - **— When portions of the driver's face, or head, or eyes are hidden (for example, wearing sunglasses with high infrared light protection, a face mask or a hat, goggles, eye patch, eyeliner, hair, muffler, piercing around eyes etc.).**
  - **— When the monitor camera lens becomes obstructed by the steering wheel.**
  - **— When the driver narrows their eyes (for example, avoiding the sun glare, etc.).**
  - **— When the driver's face cannot be seen**

correctly from the camera (it may occur when the face is blocked by the hand or when the driver is in the posture where the position of a face is difficult to be see from the camera).

— When there are other devices using infrared light in the vehicle.

SYSTEM TEMPORARILY UNAVAILABLE

If the following message appears in the vehicle information display, the Driver Monitoring system becomes temporarily unavailable and the Driver Monitoring indictor illuminates.

Condition A

- [Driver Monitoring Unavailable Cannot Detect Face See Owner's Manual]:
  - When the monitor camera or the driver are lit by sunlight or there are repeated changes in brightness either by sunlight or shadow.
  - When there is an obstruction between the driver's face and the monitor camera.
  - When more than one face is recognised near the driver's seat (for example, a passenger is leaning toward the driver).
  - When the driver's face cannot be seen correctly by the monitor camera. It may occur when the face is blocked by the hand or when the driver is in a posture where position of the face is difficult to recognise by the camera.

Action to take:

When the above conditions no longer exist the system will resume automatically.

Condition B

- [Driver Monitoring Camera Dirty Clean Camera]:
  - The driver monitor camera is covered with dirt, etc.

Action to take:

Clean the driver monitor camera.

Condition C

- [Driver Monitoring Unavailable See Owner's Manual]:
  - The Driver Monitoring is temporarily unavailable for some reason.

Action to take:

If the warning message appears, stop the vehicle in the safe location. Turn the engine off and restart it.

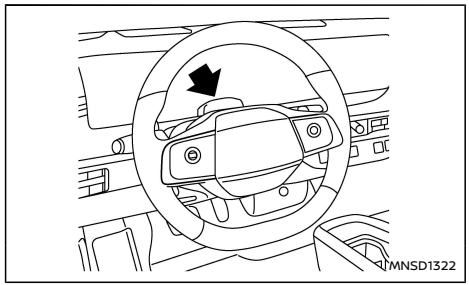
SYSTEM MALFUNCTION

If the Driver Monitoring system malfunctions, it will turn off automatically, the Driver Monitoring indicator (yellow) will illuminate and the [Driver Monitoring Unavailable See Owner's Manual] warning message will appear in the vehicle information display.

Action to take:

If the warning message appears, stop the vehicle in the safe location. Turn the EV system off and restart it. If the warning message continues to appear have the Driver Monitoring system checked. It is recommended that you visit a Nissan certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE



To keep proper operation of the system, be sure to observe the following:

- Keep the driver monitor camera area clean. Remove dirt and wipe it off with clean, soft cloth such as lens cleaner.
- Do not place objects, attach stickers (including transparent materials) or install accessories on or around the driver monitor camera. This may cause malfunction.
- Do not subject the driver monitor camera to strong impact. Do not remove driver monitor camera. This may result in malfunction or improper operation.
- If the driver monitor camera is deformed due to an accident etc. It is recommended that you visit a Nissan certified electric vehicle dealer for the service.

REAR AUTOMATIC BRAKING (RAB) SYSTEM (where fitted)

LICENCE INFORMATION

The Driver Monitoring system includes using open source software (OSS). Licence information can be found on the website below.

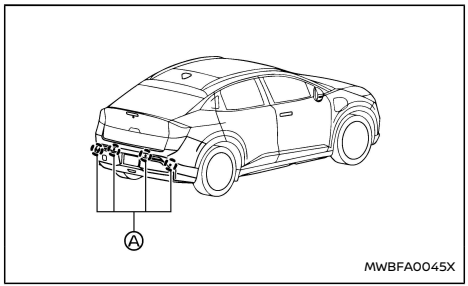
http://www.embedded-carmultimedia.jp/RTOS/License/oss/DMS_0401/

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the RAB system could result in serious injury or death.

- **The RAB system is a supplemental aid to the driver. It is not a replacement for proper driving procedures. Always use the side and rear mirrors and turn and look in the direction you will move before and while reversing. Never rely solely on the RAB system. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**
- **There are limitations to the RAB system capability. The RAB system is not effective in all situations.**

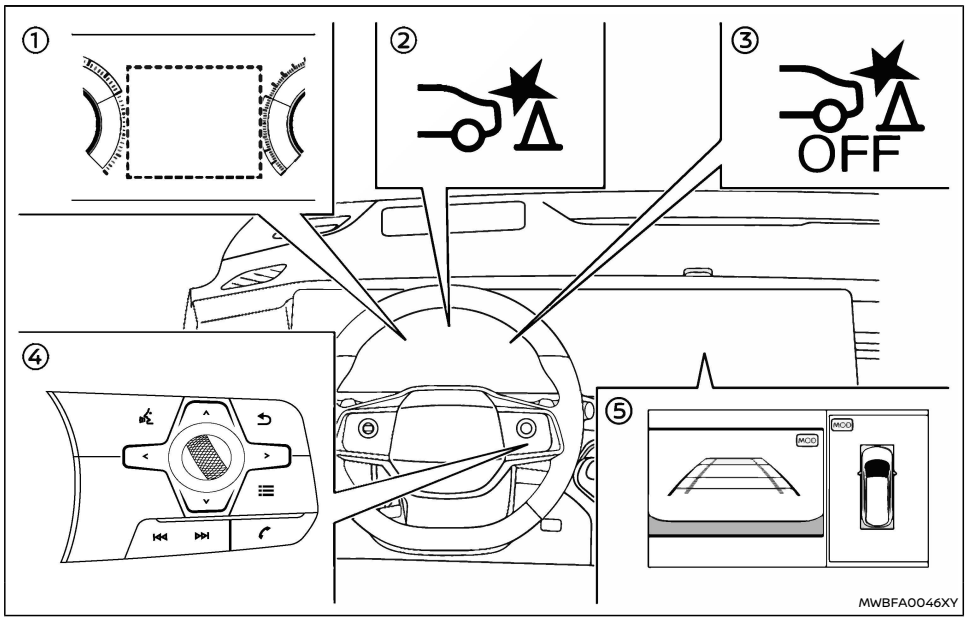
The RAB system can assist the driver when the vehicle is reversing and approaching objects directly behind the vehicle.



The RAB system detects obstacles behind the vehicle using the parking sensors (sonar) Ⓐ located on the rear bumper.

NOTE:

You can temporarily cancel the parking sensor (sonar) function and the RAB system in the vehicle. For additional information, see "Parking sensor (sonar) system" (P.405).



① Vehicle information display
② RAB system warning indicator (on the vehicle information display)
③ RAB system OFF warning light (on the meter panel)
④ Steering-wheel-mounted controls (right side)
⑤ Centre display (where fitted)

RAB SYSTEM OPERATION

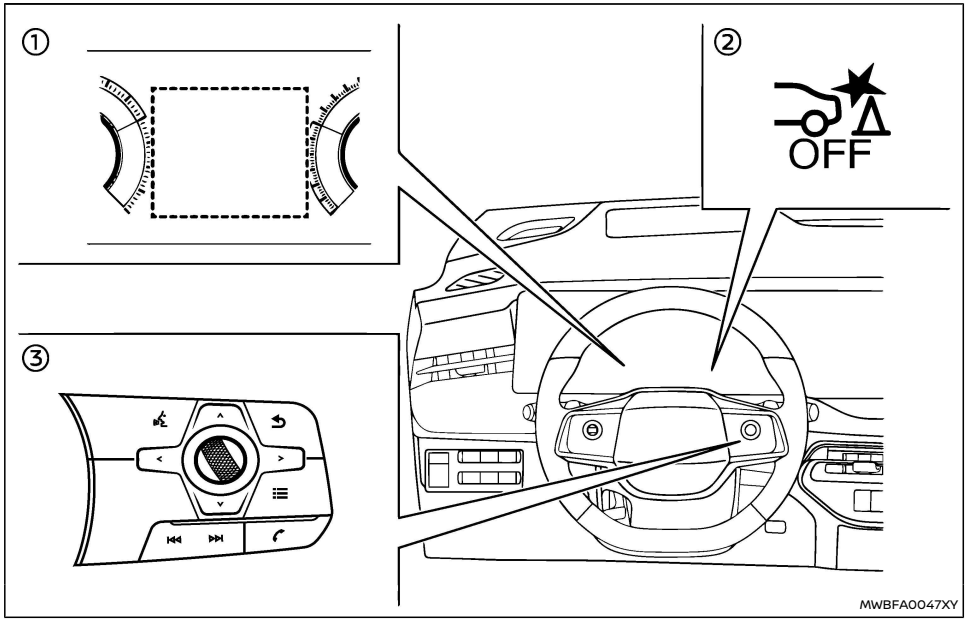
When the shift button is in the R (Reverse) position and the vehicle speed is between approximately 3 km/h (2 MPH) and 15 km/h (9 MPH), the RAB system operates.

If a risk of a collision with an obstacle is detected when your vehicle is reversing, the RAB system warning indicator will flash in the vehicle information display, a red frame will appear in the centre display (models with the Intelligent Around View Monitor system), and the system will chime three times. The system will then automatically apply the brakes. After the automatic brake application, the driver must depress the brake pedal to maintain brake pressure.

NOTE:

- **The brake lights of the vehicle come on when braking is performed by the RAB system.**
- **When the brakes operate, a noise may be heard. This is not a malfunction.**

TURNING THE RAB SYSTEM ON/OFF



① Vehicle information display
② RAB system OFF warning light
③ Steering-wheel-mounted controls (right side)

Perform the following steps to turn the RAB system ON or OFF.

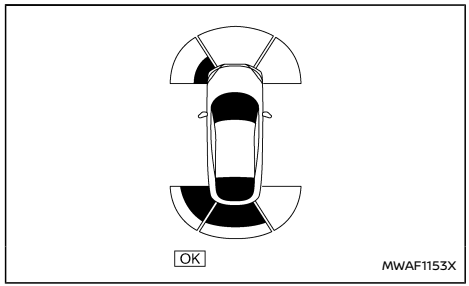
1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance.] Then push the scroll dial.
2. Select [Parking Aids] and push the scroll dial.
3. Select [Rear Brake Assist] and push the scroll dial to turn the system on or off.

When the RAB system is turned off, the RAB system OFF warning light illuminates when the shift button is in the R (Reverse) position.

The RAB system OFF warning light will also illuminate when the shift button is in the R (Reverse) position and the RAB system is ON if the parking sensors (sonar) have been temporarily disabled using the [Parking Aids] setting.

NOTE:

- **The RAB system will be automatically turned on when the EV system is restarted.**



- **When the shift button is in the R (Reverse) position and the Parking Aids screen is displayed in the vehicle information display the RAB system can be disabled temporarily by pushing the scroll dial on the steering wheel.**

RAB SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the RAB system. Failure to follow the warnings and instructions for proper use of the RAB system could result in serious injury or death.

- **When the vehicle approaches an obstacle while the accelerator or brake pedal is depressed, the function may not operate or the start of the operation may be delayed. The RAB system may not operate or may not perform sufficiently due to vehicle conditions, driving conditions, the traffic environment, the weather, road surface conditions, etc. Do not wait for the system to operate. Operate the brake pedal by yourself as soon as necessary.**
- **If it is necessary to override RAB operation, strongly press the accelerator pedal.**
- **Always check your surroundings and turn to check what is behind you before and while reversing. The RAB system detects stationary objects behind the vehicle. The RAB system does not detect the following objects:**
  - **— Moving objects**
  - **— Low objects**
  - **— Narrow objects**
  - **— Wedge-shaped objects**
  - **— Complex-shaped objects**
  - **— Multiple object in close**
  - **— Objects close to the bumper (less than approximately 30 cm (1 ft))**
  - **— Objects that suddenly appear**
  - **— Thin objects such as rope, wire, chain, etc.**
- **The RAB system may not operate for pedestrians or animals.**
- **The RAB system may not operate for the following obstacles:**
  - **— Obstacles located high off the ground**
  - **— Obstacles in a position offset from your vehicle**
  - **— Obstacles, such as spongy materials or snow, that have soft outer surfaces and can easily absorb a sound wave**
- **The RAB system may not operate in the following conditions:**
  - **— There is rain, snow, ice, dirt, etc., attached to the parking sensors (sonar).**
  - **— A loud sound is heard in the area around the vehicle.**
  - **— The surface of the obstacle is diagonal to the rear of the vehicle.**
  - **— The parking sensors (sonar) or the area around them are extremely hot or cold.**
- **The RAB system may unintentionally operate in the following conditions:**
  - **— There is overgrown grass in the area around the vehicle.**
  - **— There is a structure (e.g., a wall, toll gate equipment, a narrow tunnel, a parking lot gate) near the side of the vehicle.**
  - **— There are bumps, protrusions, or manhole covers on the road surface.**
  - **— The vehicle is driving through a draped flag or a curtain.**
  - **— The vehicle is approaching a high kerb or car stop.**
  - **— The vehicle is driving on a steep hill.**
  - **— There is an accumulation of snow or ice behind the vehicle.**
  - **— An ultrasonic wave source, such as another vehicle's parking sensor (sonar), is near the vehicle.**
- **Once the automatic brake control operates, it does not operate again if the vehicle approaches the same obstacle.**
- **The automatic brake control can only operate for a short period of time. Therefore, the driver must depress the brake pedal.**
- **In the following situations, the RAB system may not operate properly or may not function sufficiently:**
  - **— The vehicle is driven in bad weather (rain, fog, snow, etc.).**
  - **— The vehicle is driven on a steep hill.**
  - **— The vehicle's posture is changed (e.g., when driving over a bump).**

— **The vehicle is driven on a slippery road.**

— **The vehicle is turned sharply by turning the steering wheel fully.**

— **Snow chains are used.**

— **Wheels or tyres other than NISSAN recommended are used.**

— **The brakes are cold at low ambient temperatures or immediately after driving has started.**

— **The braking force becomes poor due to wet brakes after driving through a puddle or washing the vehicle.**

- **Turn the RAB system off in the following conditions to prevent the occurrence of an unexpected activation resulting from sudden system operation:**

— **The vehicle is towed.**

— **The vehicle is carried on a flatbed truck.**

— **The vehicle is on the chassis dynamometer.**

— **The vehicle drives on an uneven road surface.**

— **Suspension parts other than those designated as genuine parts are used. (If the vehicle height or the vehicle body inclination is changed, the system may not detect an obstacle correctly.)**

— **If the vehicle is using an accessory like a bike rack, or cargo carrier that blocks the sensors.**

- **Excessive noise (e.g., audio system volume, an open vehicle window) will interfere with the chime sound, and it may not be heard.**

System temporarily unavailable

When the Electronic Stability Programme (ESP) is turned OFF, the RAB system braking will not operate and the RAB system OFF warning light will illuminate.

When the ESP system is ON, the RAB system will resume automatically.

SYSTEM MALFUNCTION

If the RAB system malfunctions, it will be turned off automatically, the RAB system OFF warning light will illuminate, a chime will sound, and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

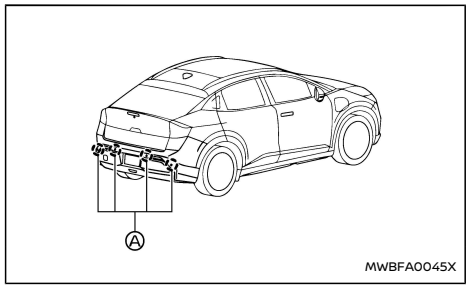
Action to take

If the warning light illuminates, park the vehicle in a safe location, turn the EV system off, and restart the EV system. If the warning light continues to illuminate, have the RAB system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

NOTE:

If the RAB system cannot be operated temporarily, the RAB system OFF warning light blinks.

SYSTEM MAINTENANCE



The parking sensors (sonar) Ⓐ are located on the rear bumper. Observe the following items to ensure proper operation of the system:

- Always keep the parking sensors (sonar) clean.
- If the parking sensors (sonar) are dirty, wipe them off with a soft cloth while being careful to not damage them.
- The parking sensors (sonar) may be blocked by temporary ambient conditions such as splashing water, mist or fog. The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the parking sensors (sonar). Check for and remove objects obstructing the area around the parking sensors (sonar).
- Do not subject the area around the parking sensors (sonar) to strong impact. Also, do not remove or disassemble the parking sensors (sonar). If the parking sensors (sonar) and peripheral areas are deformed in an accident,

DRIVING ECONOMICALLY

etc., have the parking sensors (sonar) checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

- Do not attach stickers (including transparent material), install accessories or apply additional paint on the parking sensors (sonar) and their surrounding areas. This may cause a malfunction or improper operation.
- When washing the vehicle using a high-pressure washer, do not apply direct washer pressure on the parking sensors (sonar). This may cause a malfunction of the parking sensors (sonar).

The actual driving range will vary depending upon:

- speed
- vehicle load
- electrical load from vehicle accessories
- traffic and road conditions

NISSAN recommends the following driving habits to help maximise driving range:

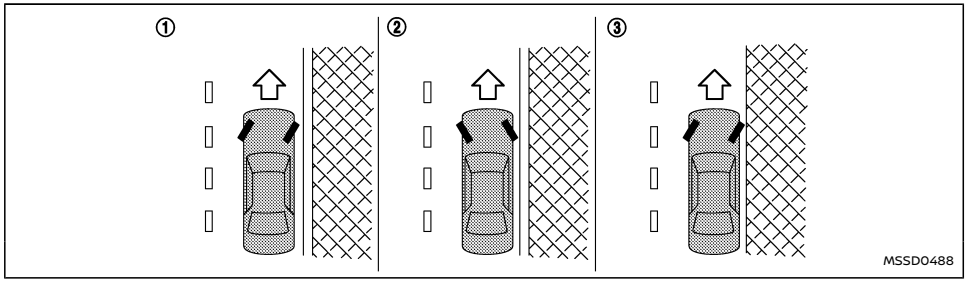
Before driving:

- Follow recommended scheduled maintenance.
- Keep tyres inflated to the correct pressure.
- Keep wheels in correct alignment.
- Pre-heat or pre-cool the interior cabin while the vehicle is charging.
- Remove unnecessary cargo from the vehicle.

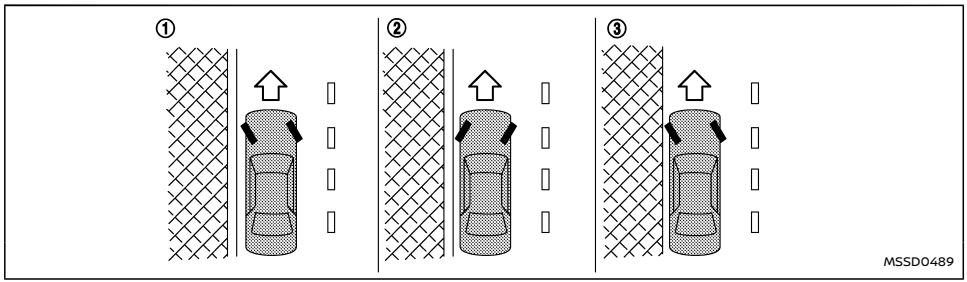
While driving:

- Drive in [ECO] mode
  - The [ECO] mode helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the [STANDARD] mode.
- Drive at a constant speed. Maintain cruising speeds with constant accelerator pedal positions or use the cruise control system when appropriate.
- Accelerate slowly and smoothly. Gently depress and release the accelerator pedal for acceleration and deceleration.
- Drive at moderate speeds on the highway.
- Avoid frequent stopping and braking. Maintain a safe distance behind other vehicles.
- Turn off the climate control system when it is not necessary.
- Select a moderate temperature setting for heating or cooling to help reduce power consumption.
- Use the [Fan ONLY] to help reduce power consumption.
- In cold weather, use the heated seats and the heated steering wheel (where fitted) as a substitute for the climate control system to help reduce power consumption.
- Use the climate control system and close windows to reduce drag when cruising at highway speed.
- Release the accelerator pedal to slow down and do not apply the brakes when traffic and road conditions allow.
  - This vehicle is equipped with a regenerative brake system. The primary purpose of regenerative brake system is to provide some power to recharge the Li-ion battery and extend driving range. A secondary benefit is “engine braking” that operates based on Li-ion battery conditions. In the D (Drive) position, when the accelerator pedal is released, the regenerative brake system provides some deceleration and some power to the Li-ion battery.

PARKING ON HILLS



Left-Hand Drive (LHD) model



Right-Hand Drive (RHD) model

⚠ WARNING

- **Do not stop or park the vehicle over flammable materials such as dry grass, waste paper or rags. They may ignite and cause a fire.**
- **Never leave the vehicle in the READY to drive mode while the vehicle is unattended.**
- **Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.**
- **To help avoid risk of injury or death through unintended operation of the vehicle and/or its systems, do not leave children, people who require the assistance of others or pets unattended in your vehicle. Additionally, the temperature inside a closed vehicle on a warm day can quickly become high enough to cause a significant risk of injury or death to people and pets.**
- **Safe parking procedures require that both the parking brake be applied and the transmission placed into the P (Park) position. Failure to do so could cause the vehicle to move unexpectedly or roll away and result in an accident.**

1. Apply the parking brake.
2. Push the park button P to shift to the P (Park) position.
3. To help prevent the vehicle from rolling into the street when parked on a sloping drive way, it is a good practice to turn the wheels as illustrated.
   - HEADED DOWNHILL WITH KERB: ①

     Turn the wheels into the kerb and move the vehicle forward until the kerb side wheel gently touches the kerb.
   - HEADED UPHILL WITH KERB: ②

     Turn the wheels away from the kerb and move the vehicle back until the kerb side wheel gently touches the kerb.
   - HEADED UPHILL OR DOWNHILL, NO KERB: ③

     Turn the wheels toward the side of the road so the vehicle will move away from the centre of the road if it moves.

ELECTRIC POWER STEERING

4. Place the power switch in the OFF position.

⚠ WARNING

- **If the READY to drive indicator light is OFF while driving, the power assist for the steering will not work. Steering will be harder to operate.**
- **When the electric power steering warning light illuminates while the READY to drive indicator light is ON, the power assist for the steering will be limited or cease operation. You will still have control of the vehicle but the steering will be harder to operate.**

The electric power steering is designed to provide power assist while driving to operate the steering wheel with light force.

When the [SPORT] mode is selected, the steering wheel effort is moderately increased for a sporty feel. (See "[SPORT] mode" (P.277).)

When the steering wheel is operated repeatedly or continuously while parking or driving at a very low speed, the power assist for the steering wheel will be reduced. This is to prevent overheating of the electric power steering and protect it from getting damaged. While the power assist is reduced, steering wheel operation will become heavy. If the steering wheel operation is still performed, the electric power steering may stop and the electric power steering warning light will illuminate. In a safe location, stop the EV system and place the power switch in the OFF position. When the temperature of the electric power steering goes down, the power assist level will return to normal. Avoid repeating such steering wheel operations that could cause the electric power steering to overheat.

You may hear a noise when the steering wheel is operated quickly. However, this is not a malfunction.

If the electric power steering warning light illuminates in red while the READY to drive indicator light is on, it may indicate the electric power steering is not functioning properly and may need servicing. Have the electric power steering checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. (See "Electric power steering warning light (red)" (P.118).)

When the electric power steering warning light illuminates in yellow, the power assist for the steering will be limited or cease operation, which may cause the steering wheel operation to become heavy. Even if this occurs, the performance of the manual steering is ensured. Grip the steering wheel securely and operate it with greater force than usual. (See "Electric power steering warning light (yellow)" (P.121).)

BRAKE SYSTEM

BRAKING PRECAUTIONS

This vehicle is equipped with two braking systems:

1. Hydraulic brake system
2. Regenerative brake system

Hydraulic brake system

The hydraulic brake system is similar to the brakes used on conventional vehicles.

The brake system has two separate hydraulic circuits. If one circuit malfunctions, you will still have braking at two wheels.

Regenerative brake system

The primary purpose of regenerative brake system is to provide some power to help recharge the Li-ion battery and extend driving range. A secondary benefit is "engine braking" that operates based on battery conditions.

In the D (Drive) position, when the accelerator is released, the regenerative brake system provides some deceleration and generates power for the Li-ion battery. Power is also generated when the brake pedal is applied.

Less deceleration is provided by the regenerative brake system when the Li-ion battery is fully charged. Regenerative brake is automatically reduced when the Li-ion battery is fully charged to prevent the Li-ion battery from becoming overcharged. Regenerative brake is also automatically reduced when the battery temperature is high/low to prevent Li-ion battery damage.

The brake pedal should be used to slow or stop the vehicle depending on traffic or road conditions. The vehicle brakes are not affected by regenerative brake system operation.

NOTE:

- **When applying the regenerative brakes, you may hear a sound coming from the regenerative brake system. This is a normal operating characteristic of an EV (Electric Vehicle).**
- **If the power switch position is in a position other than ON or READY to drive, you can stop the vehicle by depressing the brake pedal. However, greater foot pressure on the brake pedal will be required to stop the vehicle, and the stopping distance will be longer.**
- **When depressing the brake pedal, the braking pedal feel will not be smooth or may change when the cooperative regenerative brake system activates. However, the electronically controlled brake system is operating normally and this does not indicate a malfunction.**

Using the brakes

Avoid resting your foot on the brake pedal while driving. This will cause overheating of the brakes, wearing out the brake pads faster and will reduce driving range.

To help reduce brake wear and to prevent the brakes from overheating, reduce speed and increase the regenerative braking intensity using the paddle selector before going down a slope or long grade. Overheated brakes may reduce braking performance and could result in loss of vehicle control.

⚠ WARNING

- **While driving on a slippery surface, be careful when braking or accelerating. Abrupt braking or accelerating could cause the wheels to skid, which could result in an accident.**
- **If the brake pedal is depressed with the EV (Electric Vehicle) system OFF, you may feel an increased brake pedal effort and a decreased pedal stroke. If the brake warning light (red) does not illuminate and the brake pedal feels like it has returned to its normal state after the EV system is started, this indicates that there is no malfunction and the vehicle can be operated normally.**

Wet brakes

When the vehicle is washed or driven through water, the brakes may get wet. As a result, your braking distance will be longer and the vehicle may pull to one side during braking.

To dry brakes, drive the vehicle at a safe speed while lightly tapping the brake pedal to heat-up the brakes. Do this until the brakes return to normal. Avoid driving the vehicle at high speeds until the brakes function correctly.

BRAKE ASSIST

BRAKE ASSIST

When the force applied to the brake pedal exceeds a certain level, the Brake Assist is activated generating greater braking force than a conventional brake booster even with light pedal force.

⚠ WARNING

The Brake Assist is only an aid to assist braking operation and is not a collision warning or avoidance device. It is the driver's responsibility to stay alert, drive safely and be in control of the vehicle at all times.

ANTI-LOCK BRAKING SYSTEM (ABS)

⚠ WARNING

- **The Anti-lock Braking System (ABS) is a sophisticated device, but it cannot prevent accidents resulting from careless or dangerous driving techniques. It can help maintain vehicle control during braking on slippery surfaces. Remember that stopping distances on slippery surfaces will be longer than on normal surfaces even with ABS. Stopping distances may also be longer on rough, gravel or snow covered roads, or if you are using tyre chains. Always maintain a safe distance from the vehicle in front of you. Ultimately, the driver is responsible for safety.**
- **Tyre type and condition may also affect braking effectiveness.**
  - **— When replacing tyres, install the specified size of tyres on all four wheels.**
  - **— For detailed information, see "Wheels and tyres" (P.451) of this manual.**

The Anti-lock Braking System (ABS) controls the brakes so the wheels do not lock during hard braking or when braking on slippery surfaces. The system detects the rotation speed at each wheel and varies the brake fluid pressure to prevent each wheel from locking and sliding. By preventing each wheel from locking, the system helps the driver maintain steering control and helps to minimise swerving and spinning on slippery surfaces.

Using the system

Depress the brake pedal and hold it down. Depress the brake pedal with firm steady pressure, but do not pump the brakes. The ABS will operate to prevent the wheels from locking up. Steer the vehicle to avoid obstacles.

⚠ WARNING

Do not pump the brake pedal. Doing so may result in increased stopping distances.

Self-test feature

The ABS includes electronic sensors, electric pumps, hydraulic solenoids and a computer. The computer has a built-in diagnostic feature that tests the system each time you push the power switch in the READY to drive position and move the vehicle at a low speed in forward or reverse. When the self-test occurs, you may hear a "clunk" noise and/or feel a pulsation in the brake pedal. This is normal and does not indicate a malfunction. If the computer senses a malfunction, it switches the ABS off and illuminates the ABS warning light on the instrument panel. The brake system then operates normally, but without anti-lock assistance.

If the ABS warning light illuminates during the self-test or while driving, have the vehicle checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Normal operation

The ABS operates at speeds above 5 to 10 km/h (3 to 6 MPH). The speed varies according to road conditions.

When the ABS senses that one or more wheels are close to locking up, the actuator rapidly applies and releases hydraulic pressure. This action is similar to pumping the brakes very quickly. You may feel a pulsation in the brake pedal and hear a noise from under the bonnet or feel a vibration from the actuator when it is operating. This is normal and indicates that the ABS is operating properly. However, the pulsation may indicate that road conditions are hazardous and extra care is required while driving.

SECONDARY COLLISION MITIGATION BRAKING (SCMB)

⚠ WARNING

- **Never rely solely on the SCMB system. The system is designed to help mitigate the possible damage due to the secondary collision, and is not effective in all situations. It is the driver's responsibility to stay alert, drive safely, and be in control of the vehicle at all times.**

- **SCMB function will not activate if the Electronic Stability Programme (ESP) system is damaged during the accident.**
- **System will automatically turn off after a set duration, following initiation of function.**

Secondary Collision Mitigation Brake (SCMB) function controls the brake automatically in the event of an accident where the air bag system detected a collision. This feature is designed to mitigate the risk of a subsequent collision.

SCMB system operation

SCMB starts to operate when the air bag system detected collision. The system applies brake to slow down the vehicle and bring it to a standstill.

The system stops operating when the vehicle is stationary.

SCMB is overridden in the following situations:

- Accelerator pedal is depressed over a specified threshold.
- Brake pedal is depressed over a specified threshold (where the driver demands greater braking force).

Electronic Stability Programme (ESP) system uses various sensors to monitor driver inputs and vehicle motion. Under certain driving conditions, the ESP system helps to perform the following functions.

- Controls brake pressure to reduce wheel slip on one slipping drive wheel so power is transferred to a non slipping drive wheel on the same axle.
- Controls brake pressure and EV system output to reduce drive wheel slip based on vehicle speed (traction control function).
- Controls brake pressure at individual wheels and EV system output to help the driver maintain control of the vehicle in the following conditions:
  - understeer (vehicle tends to not follow the steered path despite increased steering input)
  - oversteer (vehicle tends to spin due to certain road or driving conditions).

The ESP system can help the driver to maintain control of the vehicle, but it cannot prevent loss of vehicle control in all driving situations.

When the ESP system operates, the slip indicator light in the instrument panel flashes so note the following:

- The road may be slippery or the system may determine some action is required to help keep the vehicle on the steered path.
- You may feel a pulsation in the brake pedal and hear a noise or vibration from under the bonnet. This is normal and indicates that the ESP system is working properly.
- Adjust your speed and driving to the road conditions.

If a malfunction occurs in the system, the slip indicator light illuminates in the instrument panel. The ESP system automatically turns off.

The vehicle information display is used to turn off the ESP system. The ESP off indicator (OFF) illuminates to indicate the ESP system is off. When the ESP system is turned off, the ESP system still operates to prevent one drive wheel from slipping by transferring power to a non slipping drive wheel. The slip indicator light flashes if this occurs. All other ESP functions are off, and the slip indicator light will not flash. The ESP system is automatically reset to on when the power switch is placed in the off position then back to the on position.

See “Slip indicator light” (P.123) and “Electronic Stability Programme (ESP) off indicator light” (P.124).

The computer has a built-in diagnostic feature that tests the system each time you start the EV system and move the vehicle forward or in reverse at a slow speed. When the self-test occurs, you may hear a “clunk” noise and/or feel a pulsation in the brake pedal. This is normal and is not an indication of a malfunction.

⚠ WARNING

- **The ESP system is designed to help improve driving stability but does not prevent accidents due to abrupt steering operation at high speeds or by careless or dangerous driving techniques. Reduce**

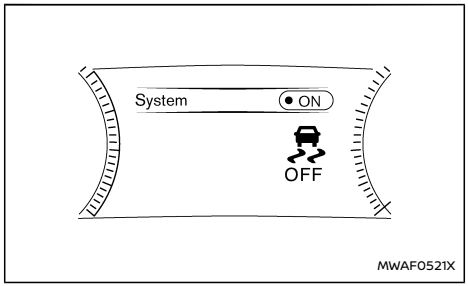
vehicle speed and be especially careful when driving and cornering on slippery surfaces and always drive carefully.

- **Do not modify the vehicle's suspension. If suspension parts such as shock absorbers, struts, springs, stabiliser bars, bushings and wheels are not NISSAN recommended for your vehicle or are extremely deteriorated, the ESP system may not operate properly. This could adversely affect vehicle handling performance, and the slip indicator light may illuminate.**
- **If brake related parts such as brake pads, rotors and callipers are not NISSAN recommended or are extremely deteriorated, the ESP system may not operate properly and the slip indicator light may illuminate.**
- **If EV system control related parts are not NISSAN recommended or are extremely deteriorated, the slip indicator light may illuminate.**
- **When driving on extremely inclined surfaces such as higher banked corners, the ESP system may not operate properly and the slip indicator light may illuminate. Do not drive on these types of roads.**
- **When driving on an unstable surface such as a turntable, ferry, elevator or ramp, the slip indicator light may illuminate. This is not a malfunction. Restart the EV system after driving onto a stable surface.**
- **If wheels or tyres other than the NISSAN recommended ones are used, the ESP system may not operate properly and the slip indicator light may illuminate.**
- **The ESP system is not a substitute for winter tyres or tyre chains on a snow covered road.**

HOW TO TURN OFF THE ESP SYSTEM

The vehicle should be driven with the Electronic Stability Programme (ESP) system ON for most driving conditions.

When the vehicle is stuck in mud or snow, the ESP system reduces the EV system output to reduce wheel spin. The EV system speed will be reduced even if the accelerator is depressed to the floor. If maximum EV system power is needed to free a stuck vehicle, turn the ESP system off.



Example

To turn off the ESP system, perform the following steps in the vehicle information display.

1. Push the < > button on the steering wheel until [Settings] appears and then push the scroll dial.
2. Use the scroll dial to select [ESP Setting] and then push it.
3. Select [System] and push the scroll dial. The OFF indicator light will illuminate.

Turn [ESP Setting] back on in the vehicle information display or restart the EV system to turn on the ESP system.

BRAKE FORCE DISTRIBUTION

During braking while driving through turns, the system optimises the distribution of force to each of the four wheels depending on the radius of the turn.

⚠ WARNING

- **The ESP system is designed to help the driver maintain stability but does not prevent accidents due to abrupt steering operation at high speeds or by careless or dangerous driving techniques. Reduce vehicle speed and be especially careful when driving and cornering on slippery surfaces and always drive carefully.**
- **Do not modify the vehicle's suspension. If suspension parts such as shock absorbers, struts, springs, stabiliser bars, bushings and wheels are not NISSAN recommended for your vehicle or are extremely deteriorated, the ESP system may not operate properly. This could adversely affect vehicle handling performance, and the**

CHASSIS CONTROL

indicator light may flash or both the and indicator lights may illuminate.

- **If brake related parts such as brake pads, rotors and callipers are not NISSAN recommended or are extremely deteriorated, the ESP system may not operate properly and both the and indicator lights may illuminate.**
- **If EV system control related parts are not NISSAN recommended or are extremely deteriorated, both the and indicator lights may illuminate.**
- **When driving on extremely inclined surfaces such as higher banked corners, the ESP system may not operate properly and the indicator light may flash or both the and indicator lights may illuminate. Do not drive on these types of roads.**
- **When driving on an unstable surface such as a turntable, ferry, elevator or ramp, the indicator light may flash or both the and indicator lights may illuminate. This is not a malfunction. Restart the EV system after driving onto a stable surface.**
- **If wheels or tyres other than the NISSAN recommended ones are used, the ESP system may not operate properly and the indicator light may flash or both the and indicator lights may illuminate.**
- **The ESP system is not a substitute for winter tyres or tyre chains on a snow covered road.**

The chassis control is an electric control module that includes the following functions:

- Intelligent Trace Control

INTELLIGENT TRACE CONTROL

This system senses driving based on the driver's steering and acceleration/braking patterns, and controls brake pressure at individual wheels to aid tracing at corners and help smooth vehicle response.

The Intelligent Trace Control can be set to ON (enabled) or OFF (disabled) using the [Driver Assistance] settings in the vehicle information display. (See "[Driver Assistance]" (P.129)).

When the ESP system is turned off, the Intelligent Trace Control is also turned off. (Even if the ESP system is turned off to escape muddy or snowy roads, driving torque distribution control* will not be turned off to ensure traction.)

Amount of Intelligent Trace Control is changed depending on the mode selected by the Drive Mode Selector.

When the Intelligent Trace Control is not functioning properly, the master warning light illuminates, and the warning message [Chassis control system fault See Owner's Manual] will also appear in the vehicle information display.

If the chassis control warning message appears in the vehicle information display, it may indicate that the Intelligent Trace Control is not functioning properly. Have the system checked as soon as possible. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. (See "Vehicle information display warnings and indicators" (P.135)).

⚠ WARNING

The Intelligent Trace Control may not be effective depending on the driving condition. Always drive carefully and attentively.

When the Intelligent Trace Control is operating, you may feel a pulsation in the brake pedal and hear a noise. This is normal and indicates that the Intelligent Trace Control is operating properly. You may also feel deceleration when the Intelligent Trace Control is operating. However, this is not a malfunction.

HILL START ASSIST SYSTEM

⚠ WARNING

- **Never rely solely on the Hill Start Assist system to prevent the vehicle from moving backward on a hill. Always drive carefully and attentively. Depress the brake pedal when the vehicle is stopped on a steep hill. Be especially careful when stopped on a hill on frozen or muddy roads. Failure to prevent the vehicle from rolling backwards may result in a loss of control of the vehicle and possible serious injury or death.**
- **The Hill Start Assist system is not designed to hold the vehicle at a standstill on a hill. Depress the brake pedal when the vehicle is stopped on a steep hill. Failure to do so may cause the vehicle to roll backwards and may result in a collision or serious personal injury.**
- **The Hill Start Assist system may not prevent the vehicle from rolling backwards on a hill under all load or road conditions. Always be prepared to depress the brake pedal to prevent the vehicle from rolling backwards. Failure to do so may result in a collision or serious personal injury.**

The Hill Start Assist system automatically keeps the brakes applied to help prevent the vehicle from rolling backwards in the time it takes the driver to release the brake pedal and apply the accelerator when the vehicle is stopped on a hill.

The Hill Start Assist system will operate automatically under the following conditions:

- The transmission is shifted to a forward or reverse gear.
- The vehicle is stopped completely on a hill by applying the brake.

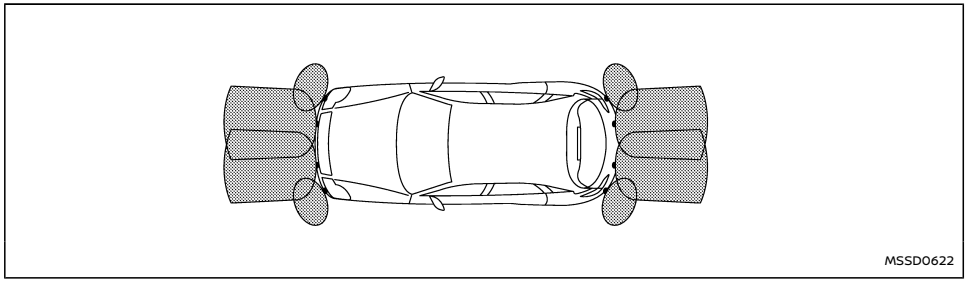
When the system is in operation, the Hill Start Assist system indicator light is illuminated. (See "Hill Start Assist system indicator light" (P.125).)

The maximum holding time is 2 seconds. After 2 seconds the vehicle will begin to roll back and the Hill Start Assist system will stop operating completely.

The Hill Start Assist system will not operate when the transmission is shifted to the N (Neutral) or P (Park) position or on a flat and level road.

When the slip indicator light illuminates in the meter, the Hill Start Assist system will not operate. (See "Slip indicator light" (P.123).)

PARKING SENSOR (sonar) SYSTEM


MSSD0622

The parking sensor (sonar) system sounds a tone to inform the driver of obstacles near the bumper.

When the parking sensor (sonar) system is turned on, the parking sensor (sonar) view will automatically appear in the vehicle information display and in the centre display (when the camera screen is activated — where fitted).

⚠ WARNING

- **The parking sensor (sonar) system is a convenience but it is not a substitute for proper parking.**
- **The driver is always responsible for safety during parking and other manoeuvres. Always look around and check that it is safe to do so before parking.**
- **If there is any doubt the surroundings in the path of the parking area and/or the parking area itself are not free from obstacles, immediately stop the vehicle and check the surroundings.**
- **The parking sensor (sonar) system is intended as an aid to parking, to be used in conjunction with the inside and outside rear view mirrors.**
- **Read and understand the limitations of the parking sensor (sonar) system as contained in this section. The colours of the parking sensor indicator indicates different distances to the object.**
- **Inclement weather or ultrasonic sources such as an automatic car wash, a truck's compressed-air brakes or a pneumatic drill may affect the function of the system; this may include reduced performance or a false activation.**
- **The parking sensor (sonar) system is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle.**
- **The parking sensor (sonar) system is not designed to prevent contact with small or moving objects. Always move slowly. The system will not detect small objects below the bumper, and may not detect objects close to the bumper or on the ground.**
- **The parking sensor (sonar) system may not detect the following objects: fluffy objects such as snow, cloth, cotton, glass-wool, etc.; thin objects such as rope, wire and chain, etc.; or wedge-shaped objects.**
- **The parking sensor (sonar) system may detect some types of curbstone.**

If your vehicle sustains damage to the bumper fascia, leaving it misaligned or bent, the sensing zone may be altered causing inaccurate measurement of obstacles or false alarms.

CAUTION

- **Excessive noise (such as audio system volume or an open vehicle window) will interfere with the tone and it may not be heard.**
- **The front and rear parking sensors (sonar) detect the distance between the vehicle and the obstacle by detecting the sound wave reflected from the surface of an obstacle. When there is a sound such as horn, or an ultrasonic source (such as sonar of other vehicles) around the vehicle, the sensor (sonar) may not detect objects properly.**
- **In some conditions (for example, after a car wash or a rain) water can accumulate around the parking sensors (sonar), and**

this may reduce performance of the system or cause a false activation. This water will drain away automatically while driving, bringing the system performance back to normal.

- **Keep the parking sensors (located on the bumper fascia) free from snow, ice and large accumulations of dirt. Do not clean the parking sensors (sonar) with sharp objects. If the sensors are covered, the accuracy of the parking sensor (sonar) function will be diminished.**

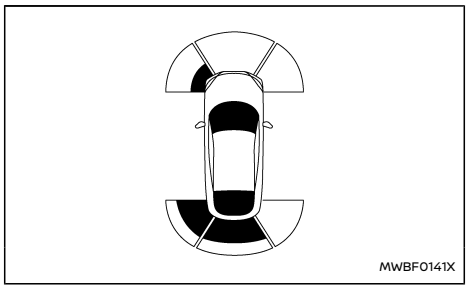
SYSTEM OPERATION

The system informs with a visual and audible signal of front obstacles when the shift button is in the D (Drive) position and both front and rear obstacles when the shift button is in the R (Reverse) position.

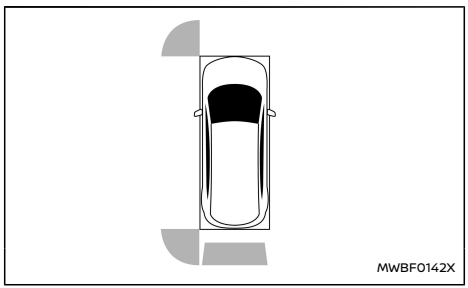
The system is deactivated at speeds above 10 km/h (6 MPH). It is reactivated at lower speeds.

The tone will stop when the obstacle get away from the vehicle.

When the object is detected, the indicator (green) appears and blinks and the tone sounds intermittently. When the vehicle moves closer to the object, the colour of the indicator turns yellow and the rate of the blinking increases. When the vehicle is very close to the object, the indicator stops blinking and turns red, and the tone sounds continuously.

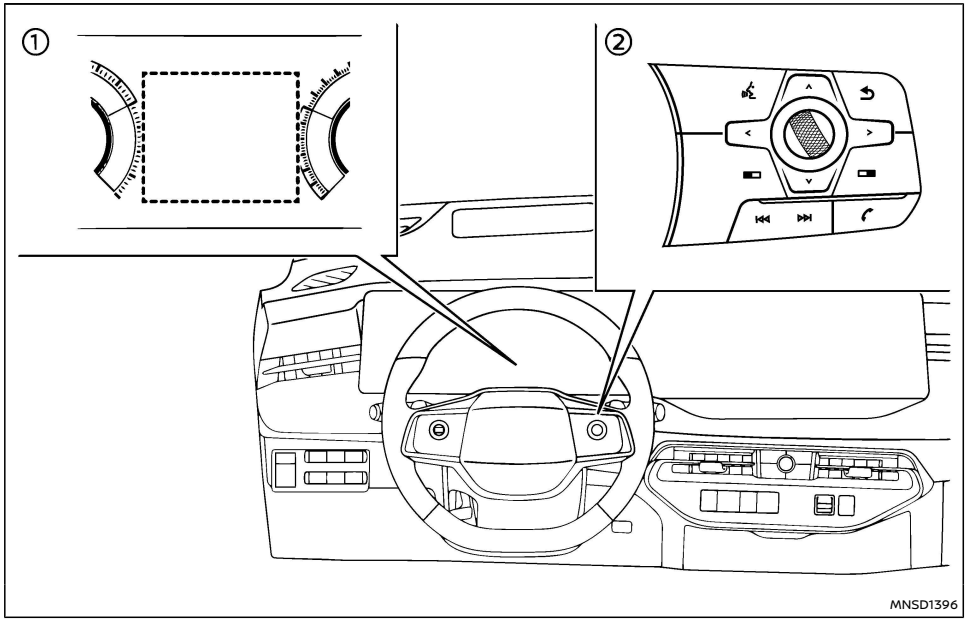


When the vehicle moves closer to an obstacle, the parking sensor indicator (detected area) appears in the vehicle information display.



The parking sensor indicator also appears on the camera view of the centre display (where fitted).

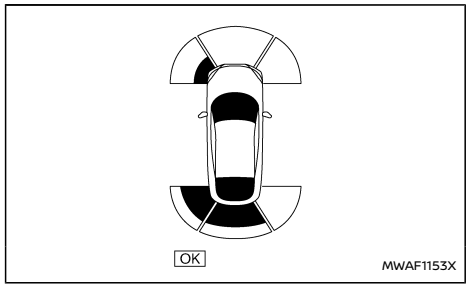
HOW TO ENABLE/DISABLE THE PARKING SENSOR (sonar) SYSTEM



① Vehicle information display

② Steering-wheel-mounted control (right side)

The system is automatically activated when the power switch is in the ON position and the shift button is in the D (Drive) or R (Reverse) position.



NOTE:

When the shift button is in the R (Reverse) position and the Parking Aids screen is displayed in the vehicle information display the parking sensor (sonar) system can be disabled temporarily by pushing the scroll dial on the steering wheel.

Perform the following steps to set up the parking sensor (sonar) system function.

1. Push the < > button until [Settings] appears in the vehicle information display and then push the scroll dial. Use the scroll dial to select [Driver Assistance.] Then push the scroll dial.
2. Select [Parking Aids] and push the scroll dial.
3. Use the scroll dial to navigate in the menu and select or change an item:
   - [Rear Cross Traffic Alert]

     — Turns ON/OFF the Rear Cross Traffic Alert (RCTA) (See "Rear Cross Traffic Alert (RCTA)" (P.308).)

- [Moving Object]

  — Turns ON/OFF the Moving Object Detection (MOD) (See "Moving Object Detection (MOD) (where fitted)" (P.240).)

- [Front]

  — Turns ON/OFF the front parking sensors (sonar)

- [Rear]

  — Turns ON/OFF the rear parking sensors (sonar)

- [Distance]

  — Changes the parking sensor's (sonar's) detection distance to [Far], [Medium] or [Near]

- [Display]

  — Shows the parking sensor (sonar) display in the vehicle information display when the parking sensor (sonar) activates

- [Volume]

  — Changes the volume of the tone sound to [High], [Medium] or [Low]

PARKING SENSOR (sonar) SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the parking sensor (sonar) system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **Read and understand the limitations of the parking sensor (sonar) system as contained in this section. Inclement weather may affect the function of the parking sensor (sonar) system; this may include reduced performance or a false activation.**
- **The parking sensor (sonar) system is deactivated at speeds above 10 km/h (6 MPH). It is reactivated at lower speeds.**
- **Inclement weather or ultrasonic sources such as an automatic car wash, a truck's compressed-air brakes or a pneumatic drill may affect the function of the parking sensor (sonar) system; this may include reduced performance or a false activation.**
- **The parking sensor (sonar) system is not designed to prevent contact with small or moving objects. Always move slowly. The system will not detect small objects below the bumper or on the ground.**
- **The parking sensor (sonar) system may not detect the following objects: fluffy objects such as snow, cloth, cotton, glass-wool, etc.; thin objects such as rope, wire and chain, etc.; or wedge-shaped objects; complex-shaped objects or multiple objects in close.**
- **The parking sensor (sonar) system may not detect objects at speed above 5 km/h (3 MPH) and may not detect certain angular or moving objects.**
- **The parking sensor (sonar) system may not detect the following objects:**
  - **— Pedestrians who approach the vehicle from the side**
  - **— Objects placed next to the vehicle**
- **The parking sensor (sonar) system may not operate in the following conditions:**
  - **— When rain, snow, ice, dirt, etc. adheres to the parking sensors (sonar).**
  - **— When a loud sound is heard in the area around the vehicle.**
  - **— When the surface of the obstacle is diagonal to the front or rear of the vehicle.**
  - **— When a parking sensor (sonar) system or the area around the sensor is extremely hot or cold.**
- **The parking sensor (sonar) system may unintentionally operate in the following conditions:**
  - **— When there is overgrown grass in the area around the vehicle.**
  - **— When there is a structure (for example, a wall, a toll gate equipment, a narrow tunnel or a parking lot gate) near the side of the vehicle.**

— **When there are bumps, protrusions or manhole covers on the road surface.**

— **When the vehicle drives through a draped flag or a curtain.**

— **When there is an accumulation of snow or ice behind the vehicle.**

— **When driving on a steep hill.**

SYSTEM TEMPORARILY UNAVAILABLE

When parking sensor (sonar) blockage is detected, the system will be deactivated automatically.

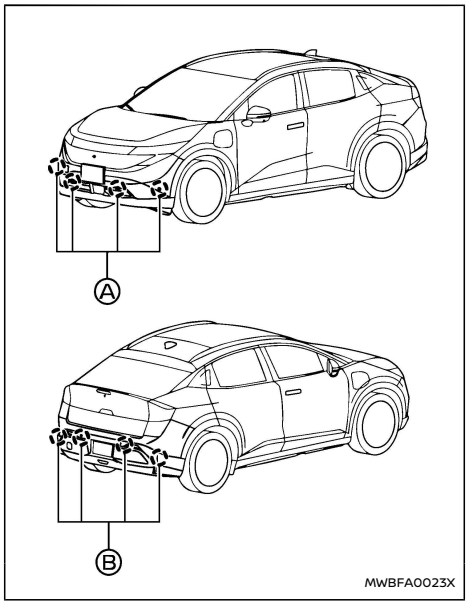
The system is not available until the conditions no longer exist.

The parking sensors (sonar) may be blocked by temporary ambient conditions such as splashing water, mist or fog. The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the parking sensors (sonar).

Action to take:

When the above conditions no longer exist, the system will resume automatically.

SYSTEM MAINTENANCE



The parking sensors (sonar) Ⓐ and Ⓑ are located on the front and rear bumpers.

- Always keep the area near the parking sensors (sonar) clean.
- If the parking sensors (sonar) are dirty, wipe them off with a soft cloth while being careful to not damage them.
- The parking sensors (sonar) may be blocked by temporary ambient conditions such as splashing water, mist or fog. The blocked condition may also be caused by objects such as ice, frost or dirt obstructing the parking sensors (sonar). Check for and remove objects obstructing the area around the parking sensors (sonar).
- Do not subject the area around the parking sensors (sonar) to strong impact. Also, do not remove or disassemble the parking sensors (sonar). If the parking sensors (sonar) and peripheral areas are deformed in an accident, etc., have the parking sensors (sonar) checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.
- Do not attach stickers (including transparent material), install accessories or apply additional paint on the parking sensors (sonar) and their surrounding areas. This may cause a malfunction or improper operation.
- When washing the vehicle using a high-pressure washer, do not apply direct washer pressure on the parking sensors (sonar). This may cause a malfunction of the parking sensors (sonar).

TRAILER TOWING

Your new vehicle was designed to be used primarily to carry passengers and luggage.

Towing a trailer will place additional load on your vehicle's EV system, drive train, steering, braking and other systems. Towing a trailer will also exhagerate other conditions, such as sway caused by crosswinds, rough road surfaces or passing trucks. Driving style and speed must be adjusted according to the circumstances.

Before towing a trailer, see a NISSAN dealer or qualified workshop for an explanation of towing equipment and its proper use.

OPERATING PRECAUTIONS

- Before driving, make sure that the lighting system of the trailer works properly.
- Observe the legal maximum speeds for trailer operation.

  Do not exceed 100 km/h (62 MPH).
- Avoid abrupt starts, accelerations and stops.
- Avoid sharp turns and lane changes.
- Always drive your vehicle at a moderate speed.
- Turn off and do not use the following systems (where fitted) while towing a trailer:
  - Emergency Lane Assist (ELA) system
  - Blind Spot Warning (BSW) with Exit Warning system
  - Rear Cross Traffic Alert (RCTA) system
  - Intelligent Cruise Control (ICC) system
  - ProPILOT Assist system
  - e-Pedal system
  - Intelligent Emergency Braking
  - Intelligent Forward Collision Warning system
  - Rear Automatic Braking (RAB) system
- Follow the trailer manufacturer's instructions.
- Choose proper coupling devices (trailer hitch, safety chain, roof carrier, etc.) for your vehicle and trailer. These devices are available from a NISSAN certified electric vehicle dealer where you can also obtain more detailed information about trailer towing.
- Never allow the total trailer load (trailer weight plus its cargo weight) to exceed the maximum set for the coupling device. Visit a NISSAN certified electric vehicle dealer for more information.
- The trailer must be loaded so that heavy goods are placed over the axle. The maximum allowable vertical load on the trailer hitch must not be exceeded.
- Have your vehicle serviced more often than at the intervals specified in a separate maintenance booklet.
- Trailer towing requires more energy than under normal circumstances because of a considerable increase in traction power and resistance.
- Do not exceed the maximum gross vehicle weight. This is the combined weight of the vehicle, driver, passengers, cargo and load on the towing coupling device (where fitted). You can find the maximum gross vehicle weight on the vehicle identification label (see "Vehicle identification label" (P.468)).

TYRE PRESSURE

When towing a trailer, inflate the vehicle tyres to the maximum recommended COLD tyre pressure (for full loading) indicated on the tyre placard.

SAFETY CHAINS

Always use a suitable chain between the vehicle and trailer. The chain should be crossed and should be attached to the hitch, not to the vehicle bumper or axle. Be sure to leave enough slack in the chain to permit turning corners.

TRAILER BRAKES

Ensure that trailer brakes are installed as required by local regulations. Also check that all other trailer equipment conforms to local regulations.

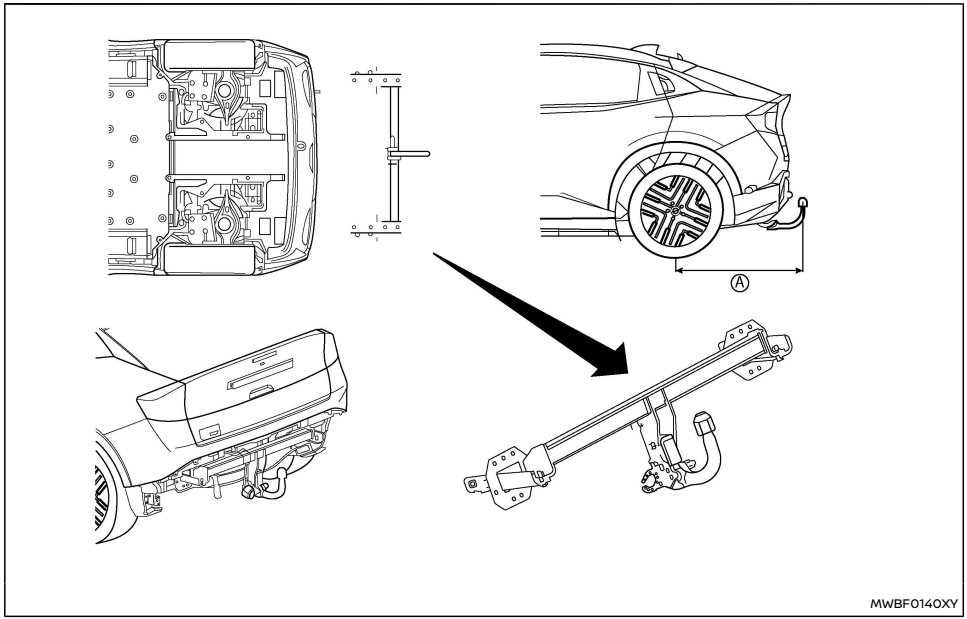
Always block the wheels on both the vehicle and trailer when parking. Apply the hand brake on the trailer where fitted. Parking on a steep slope is not recommended.

If parking on a steep slope is unavoidable, place the shift button P in the P (Park) position, and turn the front wheels towards the kerb.

TRAILER DETECTION (where fitted)

When towing a trailer with a genuine NISSAN tow bar electrical kit and the turn signal switch is used, the electrical system of the vehicle will detect the additional electrical load of the trailer lighting. As a result, the direction indicator tone will be different.

COUPLING DEVICE INSTALLATION



NISSAN recommends that the coupling device for trailer towing be installed under the following conditions:

- Maximum permissible vertical load on the coupling device: 736 N (75 kg, 165 lb)
- The coupling device, mounting points and installation parts on your vehicle: as shown as an example in the illustration.
- Rear overhang of coupling device: Ⓐ 920,26 mm (36.23 in)

Follow all of the coupling device manufacturer's instructions for installation and use.

⚠ WARNING

- **Whatever the condition, drive with caution. Accelerate and decelerate with great care. If accelerating or decelerating too fast, the drive wheels will lose even more traction.**
- **Allow more stopping distance in cold weather driving. Braking should be started sooner than on dry pavement.**
- **Keep at a greater distance from the vehicle in front of you on slippery roads.**
- **Wet ice (0°C, 32°F and freezing rain), very cold snow and ice can be slick and very difficult to drive on. The vehicle will have a lot less traction or grip under these conditions. Try to avoid driving on wet ice until the road is salted or sanded.**
- **Watch for slippery spots (glaring ice). These may appear on an otherwise clear road in shaded areas. If a patch of ice is seen ahead, brake before reaching it. Try not to brake while actually on the ice, and avoid any sudden steering manoeuvres.**
- **Do not use cruise control on slippery roads.**

CAUTION

To prevent damage to the Li-ion battery: Do not store a vehicle in temperatures below -25°C (-13°F) for over seven days. If the outside temperature is -25°C (-13°F) or less, the Li-ion battery may freeze and it cannot be charged or provide power to drive the vehicle. Move the vehicle to a warm location.

NOTE:

- **Driving range may be substantially reduced in extremely cold conditions (for example under -20°C (-4°F)).**
- **Using the climate control system to heat the cabin when outside temperature is below 0°C (32°F) uses more electricity and affects driving range more than when using the heater when the temperature is above 0°C (32°F).**
- **The Li-ion battery requires more time to charge when the Li-ion battery temperature control system operates.**
- **The [Climate Schedule] does not turn on while the Li-ion battery temperature control system operates.**

12-VOLT BATTERY

If the 12-volt battery is not fully charged during extremely cold weather conditions, the 12-volt battery fluid may freeze and damage the 12-volt battery. To maintain maximum efficiency, the 12-volt battery should be checked regularly. For additional information, see "12-volt battery" (P.447).

COOLANT

If the vehicle is to be left outside without anti-freeze, drain the cooling system. Refill before operating the vehicle. For details, see "Cooling system" (P.442).

TYRE EQUIPMENT

1. If you have snow tyres installed on the front/rear wheels of your vehicle, they should be of the same size, loading range, construction and type (bias, bias-belted or radial) as the rear/front tyres.
2. If the vehicle is to be operated in severe winter conditions, snow tyres should be installed on all four wheels.
3. For additional traction on icy roads, studded tyres may be used. However, some countries, provinces and states prohibit their use. Check local, state and provincial laws before installing studded tyres.

   Skid and traction capabilities of studded snow tyres, on wet or dry surfaces, may be poorer than that of non-studded snow tyres.
4. Snow chains may be used if desired. Make sure they are the proper size for the tyres on your vehicle and are installed according to the chain manufacturer's instructions. Use chain tensioners when recommended by the tyre chain manufacturer to ensure a tight fit. Loose end links of the tyre chains must be secured or removed to prevent the possibility of whipping action damage to the fenders or underbody. In addition, drive at a reduced speed, otherwise, your vehicle may be damaged and/or vehicle handling and performance may be adversely affected.

SPECIAL WINTER EQUIPMENT

It is recommended that the following items be carried in the vehicle during the winter:

- A scraper and stiff-bristled brush to remove ice and snow from the windows.
- A sturdy, flat board to be placed under the jack to give it firm support.
- A shovel to dig the vehicle out of snowdrifts.

PARKING BRAKE

When parking in the area where the outside temperature is below 0 °C (32 °F), do not apply the parking brake to prevent it from freezing. For safe parking:

- Push the park button P to place the vehicle in the P (Park) position.
- Securely block the wheels.

CORROSION PROTECTION

Chemicals used for road surface deicing are extremely corrosive and will accelerate corrosion and the deterioration of underbody components such as the brake lines, brake cables, floor pan and fenders.

In the winter, the underbody must be cleaned periodically. For additional information, see "Corrosion protection" (P.434).

For additional protection against rust and corrosion, which may be required in some areas, consult a NISSAN certified electric vehicle dealer.

FREEING A FROZEN CHARGE PORT LID

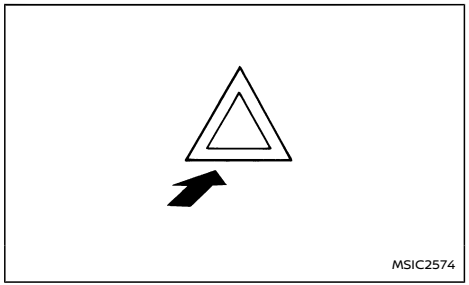
When the charge port is frozen, melt the ice.

MEMO

6 In case of emergency

Hazard warning flasher switch 416
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HAZARD WARNING FLASHER SWITCH



The hazard indicator flasher switch operates regardless of the power switch position except when the battery is discharged.

The hazard indicator flasher is used to warn other drivers when you have to stop or park under emergency conditions.

When the hazard indicator flasher switch is pushed, all turn signal lights will flash. To turn off the hazard indicator flasher, push the hazard indicator flasher switch again.

When an impact that could activate the supplemental air bags is detected, the hazard warning flasher lights blink automatically. If the hazard warning flasher switch is pushed, the hazard warning flashers will turn off.

⚠ WARNING

- **If stopping for an emergency, be sure to move the vehicle well off the road.**
- **Do not use the hazard warning flashers while moving on the highway unless unusual circumstances force you to drive so slowly that your vehicle might become a hazard to other traffic.**
- **Turn signals do not work when the hazard warning flasher lights are on.**

⚠ WARNING

Do not turn the hazard warning flasher switch to off until you can make sure that it is safe to do so. Also, the hazard warning flasher may not blink automatically depending on the force of impact.

EMERGENCY STOP SIGNAL

The Emergency Stop Signal will blink the brake lights and high-mounted brake light to prevent the rear-end collision, when a sudden braking operation is detected.

The Emergency Stop Signal operates in the following conditions:

- When the vehicle speed is above 60 km/h (37 MPH)
- When the system detects a sudden braking while the footbrake is applied

The Emergency Stop Signal will not operate in the following conditions:

- When the hazard indicator flasher operates
- When the system does not detect a sudden braking

EMERGENCY EV SYSTEM SHUT OFF

To shut off the EV system in an emergency situation while driving, perform the following procedure:

- Rapidly push the push-button power switch 3 consecutive times in less than 1.5 seconds, or
- Push and hold the push-button power switch for more than 2 seconds.

FLAT TYRE

TYRE PRESSURE MONITORING SYSTEM (TPMS)

This vehicle is equipped with the Tyre Pressure Monitoring System (TPMS). It monitors tyre pressure of all tyres. When the low tyre pressure warning light is lit, and the [Low Tyre Pressure] warning message is displayed in the vehicle information display, one or more of your tyres is significantly under-inflated. If the vehicle is being driven with low tyre pressure, the TPMS will activate and warn you of it by the low tyre pressure warning light. This system will activate only when the vehicle is driven at speeds above 25 km/h (16 MPH). For more details, see "Warning lights, indicator lights and audible reminders" (P.115) and "Tyre Pressure Monitoring System (TPMS)" (P.257).

⚠ WARNING

- **If the low tyre pressure warning light illuminates while driving, avoid sudden steering manoeuvres or abrupt braking, reduce vehicle speed, pull off the road to a safe location and stop the vehicle as soon as possible. Driving with under-inflated tyres may permanently damage the tyres and increase the likelihood of tyre failure. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tyre pressure for all four tyres. Adjust the tyre pressure to the recommended COLD tyre pressure shown on the tyre placard to turn the low tyre pressure warning light OFF. If the light still illuminates while driving after adjusting the tyre pressure, a tyre may be flat. If you have a flat tyre, repair it with an emergency tyre puncture repair kit as soon as possible.**
- **Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.**
- **NISSAN recommends using only Genuine NISSAN Emergency Tyre Sealant provided with your vehicle. Other tyre sealants may damage the valve stem seal which can cause the tyre to lose air pressure. Visit a NISSAN certified electric vehicle dealer as soon as possible after using tyre repair sealant.**

CAUTION

- **The TPMS may not function properly when the wheels are equipped with tyre chains or the wheels are buried in snow.**
- **Do not place metalised film or any metal parts (antenna, etc.) on the windows. This may cause poor reception of the signals from the tyre pressure sensors, and the TPMS will not function properly.**

  Some devices and transmitters may temporarily interfere with the operation of the TPMS and cause the low tyre pressure warning light to illuminate. Some examples are:

  - **Facilities or electric devices using similar radio frequencies are near the vehicle.**

— If a transmitter set to similar frequencies is being used in or near the vehicle.

— If a computer (or similar equipment) or a DC/AC converter is being used in or near the vehicle.

- **When inflating the tyres and checking the tyre pressure, never bend the valves.**
- **Use Genuine NISSAN valve caps that comply with the factory-fitted valve cap specifications.**
- **Do not use metal valve caps.**
- **Fit the valve caps properly. Without the valve caps the valve and tyre pressure monitor sensors could be damaged.**
- **Do not damage the valves and sensors when storing the wheels or fitting different tyres.**
- **Replace the TPMS sensor valve stem (including valve core and cap) and screw (where fitted) when the tyres are replaced due to wear or age. The screw (where fitted) must be fitted correctly with a torque setting of 1.4 ± 0.1 N·m (0.14 ± 0.01 kg-m). The TPMS sensors can be used again.**

REPAIRING FLAT TYRE

The emergency tyre puncture repair kit is supplied with the vehicle instead of a spare tyre. This repair kit must be used for temporarily fixing a minor tyre puncture. After using the repair kit, see a NISSAN certified electric vehicle dealer as soon as possible for tyre inspection and repair/replacement.

CAUTION

- **NISSAN recommends using only Genuine NISSAN Emergency Tyre Sealant provided with your vehicle. Other tyre sealants may damage the valve stem seal which can cause the tyre to lose air pressure.**
- **Do not use the emergency tyre puncture repair kit provided with your vehicle on other vehicles.**
- **Do not use the emergency tyre puncture repair kit for a purpose other than to inflate and check the tyre pressure for the vehicle.**
- **Use the emergency tyre puncture repair kit only on DC12V.**
- **Keep water and dust off the emergency tyre puncture repair kit.**
- **Do not disassemble or modify the emergency tyre puncture repair kit.**
- **Do not galvanise the emergency tyre puncture repair kit.**
- **Do not use the emergency tyre puncture repair kit under the following conditions. Contact a NISSAN certified electric vehicle dealer or professional road assistance.**

— when the sealant has passed its expiration date (shown on the label attached to the bottle)

— when the cut or the puncture is approximately 5 mm (0.20 in) or longer

— when the side of the tyre is damaged

— when the vehicle has been driven with a considerable loss of air from the tyre

— when the tyre is completely displaced inside or outside the rim

— when the tyre rim is damaged

— when two or more tyres are flat

Stopping vehicle

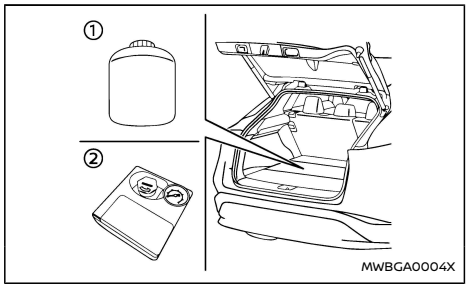
⚠ WARNING

- **Make sure the parking brake is securely applied and the vehicle is placed into the P (Park) position.**
- **Never repair tyres when the vehicle is on a slope, ice or slippery area. This is hazardous.**
- **Never repair tyres when the oncoming traffic is close to your vehicle. Call for professional road assistance.**

1. Safely move the vehicle off the road away from traffic.
2. Turn on the hazard indicator flasher lights.

3. Park on a level surface.
4. Apply the parking brake.
5. Push the park button to engage the P (Park) position.
6. Turn off the EV system.
7. Open the bonnet and set up the warning triangle (where fitted):
   - To warn other traffic.
   - To signal professional road assistance personnel that you need assistance.
8. Have all passengers get out from the vehicle and stand in a safe place, away from other traffic and clear of the vehicle.

Getting emergency tyre puncture repair kit



Take out the emergency tyre puncture repair kit from the storage area under the luggage floor board. The repair kit consists of the following items:

① Tyre sealant bottle

② Air compressor*

*: The compressor shape may differ depending on the models.

Before using emergency tyre puncture repair kit

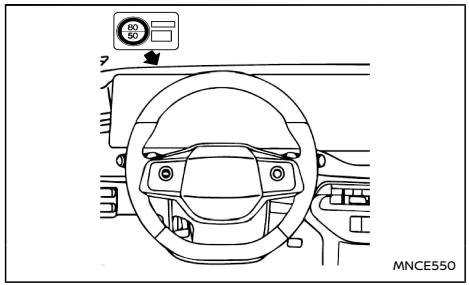
- If any foreign object (for example, a screw or nail) is embedded in the tyre, do not remove it.
- Check the expiration date of the sealant (shown on the label attached to the bottle). Never use a sealant whose expiration date has passed.

Repairing tyre

⚠ WARNING

Observe the following precautions when using the emergency tyre puncture repair kit.

- **Swallowing the compound is dangerous. Immediately drink as much water as possible and seek prompt medical assistance.**
- **Rinse well with lots of water if the compound comes into contact with skin or eyes. If irritation persists, seek prompt medical attention.**
- **Keep the repair compound out of the reach of children.**

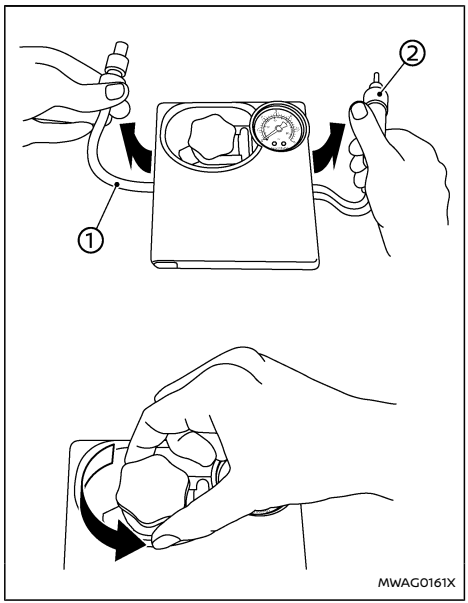


1. Take out the speed restriction sticker from the air compressor*, then put it in a location where the driver can see it while driving.

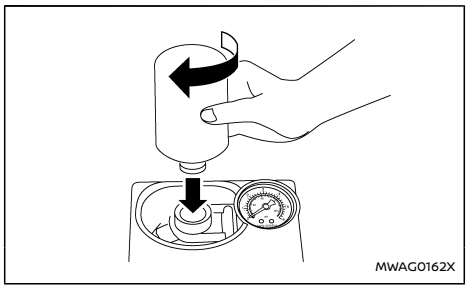
   *: The compressor shape may differ depending on the models.

CAUTION

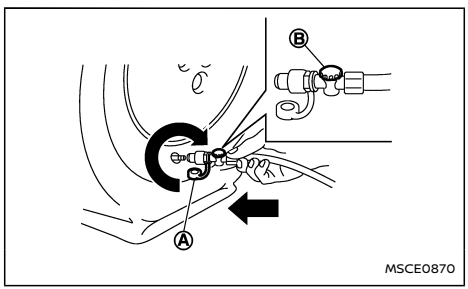
Do not put the speed restriction label on the steering wheel pad, the speedometer or the warning light locations.



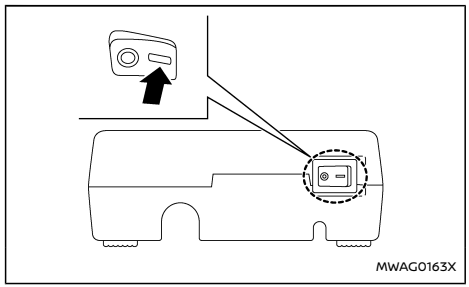
2. Take the hose ① and the power plug ② out of the air compressor. Remove the cap of the bottle holder from the air compressor.



3. Remove the cap of the tyre sealant bottle, and screw the bottle clockwise onto the bottle holder. (Leave the bottle seal intact. Screwing the bottle onto the bottle holder will pierce the seal of the bottle.)
4. Remove the cap of the tyre valve on the flat tyre.



5. Remove the protective cap Ⓐ of the hose and screw the hose securely onto the tyre valve. Make sure that the pressure release valve Ⓑ is securely tightened. Make sure that the air compressor switch is in the OFF (○) position, and then insert its power plug into the power outlet in the vehicle.



6. Place the power switch in the ON position. Then turn the compressor switch to the ON (–) position and inflate the tyre up to the pressure that is specified on the tyre placard affixed to the driver's side centre pillar if possible, or to the minimum of 180 kPa (26 psi). Turn the air compressor off briefly in order to check the tyre pressure with the pressure gauge.

   If the tyre is inflated to higher than the specified pressure, adjust the tyre pressure by releasing air with the pressure release valve. The cold tyre pressures are shown on the tyre placard affixed to the driver's side centre pillar.

CAUTION

- **An incomplete connection between the hose and tyre valve causes air leakage or sealant scatter.**
- **Do not stand directly beside the damaged tyre while it is being inflated because of the risk of the rupture. If there are any cracks or bumps, turn the compressor off immediately.**
- **There is a possibility that the pressure reaches 600 kPa (87 psi) while the tyre is being inflated, but it is normal condition. Usually the pressure will drop in about 30 seconds.**
- **Do not operate the compressor for more than 10 minutes.**

If the tyre pressure does not increase to **180 kPa (26 psi) within 10 minutes**, the tyre may be seriously damaged and **the tyre cannot be repaired with this tyre puncture repair kit.** Contact a NISSAN certified electric vehicle dealer.

7. When the tyre pressure is reaching the specified pressure or is at the minimum of 180 kPa (26 psi), turn the air compressor off. Remove the power plug from the power outlet and quickly remove the hose from the tyre valve. Attach the protective cap and valve cap.

CAUTION

Leave the tyre sealant bottle on the bottle holder in order to prevent sealant from spilling out.

8. Immediately drive the vehicle for 10 minutes or 3 km (2 miles) at a speed of 80 km/h (50 MPH) or less.
9. After driving, make sure that the air compressor switch is in the OFF (○) position, then screw the hose securely onto the tyre valve. Check the tyre pressure with the pressure gauge.

If the tyre pressure drops under 130 kPa (19 psi):

The tyre cannot be repaired with this tyre puncture repair kit. Contact a NISSAN certified electric vehicle dealer.

If the tyre pressure is 130 kPa (19 psi) or more but less than the specified pressure:

Turn the compressor switch to the ON (—) position and inflate the tyre up to the specified pressure. Then repeat the steps from 8.

If the pressure drops again, **the tyre cannot be repaired with this tyre puncture repair kit.** Contact a NISSAN certified electric vehicle dealer.

When the tyre pressure is the specified pressure:

The temporary repair is completed.

See a NISSAN certified electric vehicle dealer for tyre repair/replacement as soon as possible.

CAUTION

Do not reuse the tyre sealant bottle or the hose.

For a new tyre sealant bottle and hose, see a NISSAN certified electric vehicle dealer.

After repairing tyre

See a NISSAN certified electric vehicle dealer for tyre repair/replacement as soon as possible.

JUMP STARTING

To start your EV (Electric Vehicle) system with a booster battery, the instructions and precautions below must be followed.

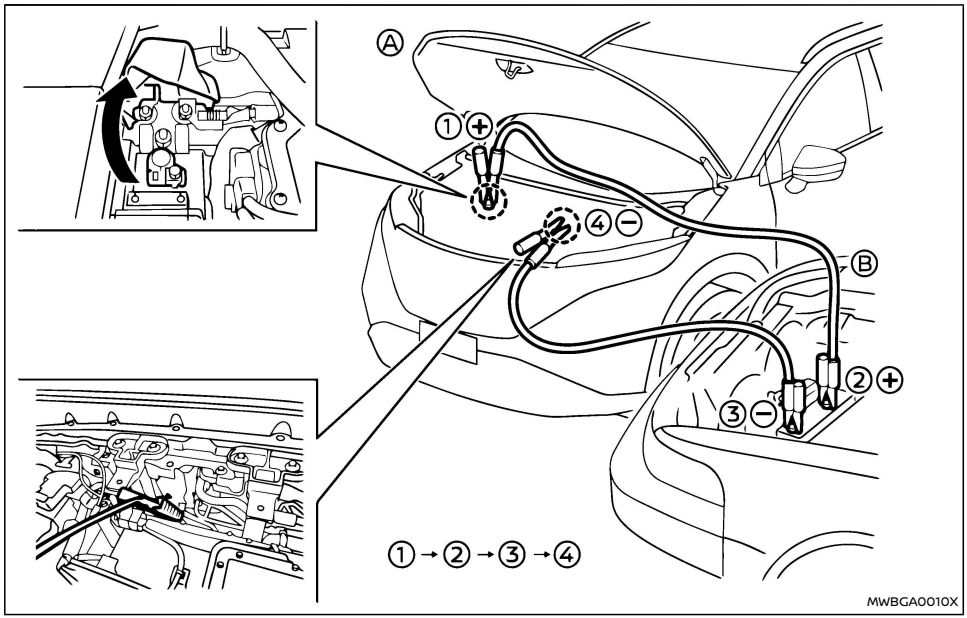
Jump starting provides power to the 12-volt system to allow the electrical systems to operate. The electrical systems must be operating to allow the Li-ion battery to be charged. Jump starting does not charge the Li-ion battery. The Li-ion battery must be charged before the vehicle can be driven.

⚠ WARNING

- **Incorrect jump starting can lead to a 12-volt battery explosion. The 12-volt battery explosion may result in severe injury or death. It may also result in damage to the vehicle. Be sure to follow the instructions in this section.**
- **Explosive hydrogen gas is always present in the vicinity of the 12-volt battery. Keep all sparks and flames away from the 12-volt battery.**
- **Always wear suitable eye protection and remove rings, bracelets, and any other jewellery whenever working on or near a 12-volt battery.**
- **Never lean over the 12-volt battery while jump starting.**
- **Never allow battery fluid to come into contact with eyes, skin, clothes or the vehicle's painted surfaces. Battery fluid is a corrosive sulphuric acid which can cause severe burns. If the fluid comes into contact with anything, immediately flush the contacted area with plenty of water.**
- **Keep the 12-volt battery out of the reach of children.**
- **The booster battery must be rated at 12 volts. Use of an incorrectly rated battery will damage your vehicle.**
- **Never attempt to jump start a frozen battery. It could explode and cause serious injury.**
- **Your vehicle has an automatic cooling fan. It could come on at any time. Keep hands and other objects away from it.**
- **Always follow the instructions below. Failure to do so could result in damage to the DC/DC converter and cause personal injury.**

CAUTION

- **Do not attempt to perform a jump start on the 12-volt battery at the same time that the Li-ion battery is being charged. Doing so may damage the vehicle or charging equipment and could cause an injury.**
- **Electric vehicle cannot be used as a booster vehicle because it cannot supply enough power to start a petrol engine. However, a petrol engine vehicle can be used to supply power to the 12-volt battery of electric vehicle.**



1. If the booster battery is in another vehicle Ⓑ, position the two vehicles (Ⓐ and Ⓑ) to bring their 12-volt batteries into close proximity to each other.

   Do not allow the two vehicles to touch.
2. Apply the parking brake.
3. Push the shift button P to place the vehicle in the P (Park) position.
4. Switch off all unnecessary electrical systems (headlights, heater, air conditioner, etc.).
5. Place the power switch in the OFF position.
6. Remove the vent caps (where fitted) on the 12-volt battery. Cover the battery with a firmly wrung out moist cloth to reduce the hazard of an explosion.
7. Connect jumper cables in the sequence as illustrated (① → ② → ③ → ④).

CAUTION

- **If the 12-volt battery is discharged, the power switch cannot be moved from the OFF position. Connect the jumper cables to the booster vehicle Ⓑ before pushing the power switch.**
- **Always connect positive (+) to positive (+) and negative (−) to body ground (for example, as illustrated), not to the 12-volt battery.**
- **Make sure the jumper cables do not touch moving parts in the motor compartment and that the cable clamps do not contact any other metal.**

8. Start the engine of the booster vehicle Ⓑ.
9. While the booster vehicle Ⓑ engine is running, place the power switch in the READY to drive position.

CAUTION

If the system does not start right away, push the power switch to the OFF position and wait 10 seconds before trying again.

10. After starting your EV system, carefully disconnect the negative cable and then the positive cable (④ → ③ → ② → ①) and keep the READY to drive position over 20 minutes to charge the 12-volt battery.

IF THE LI-ION BATTERY BECOMES COMPLETELY DISCHARGED

11. Replace the vent caps (where fitted). Be sure to dispose of the cloth used to cover the vent holes because it may be contaminated with corrosive acid.
12. If necessary, connect the vehicle to a charging station, NISSAN EVSE (Electric Vehicle Supply Equipment) (where fitted) or NISSAN Mode 3 cable (where fitted) to charge the Li-ion battery. (See "CH. Charging" section.) The vehicle cannot be driven until the Li-ion battery is charged.

NOTE:

- **If it is not possible to turn the system ON by following this procedure, contact a NISSAN certified electric vehicle dealer immediately.**
- **After jump starting, the [Headlight system fault See Owner's Manual] warning message may appear in the vehicle information display depending on the condition. To turn off the warning message, place the power switch in the OFF position, and open and close the driver's door. Keeping the door closed, wait for more than 3 minutes without any operation. Place the power switch in the ON position again.**

If the power limitation indicator light illuminates, the traction motor output is limited resulting in reduced vehicle speed. Stop the vehicle in a safe location before the Li-ion battery becomes completely discharged and no power is available to drive the vehicle.

If possible, place the power switch in the OFF position while waiting for assistance to prevent discharging the 12-volt battery.

NOTE:

If the Li-ion battery becomes completely discharged:

- **The vehicle is automatically placed in the ON position and it will not be possible to switch to the READY to drive position.**
- **The vehicle is automatically switched to the N (Neutral) position and it will not be possible to drive the vehicle.**

⚠ WARNING

If the vehicle is in the N (Neutral) position and the Li-ion battery and the 12-volt battery become completely discharged, the vehicle cannot be placed in the P (Park) position. If this occurs, apply the parking brake securely.

To place the vehicle in the READY to drive position so the vehicle can be driven, charge the Li-ion battery until the driving range on the instrument panel changes from "---" to a numeric distance.

NOTE:

- **Some vibration may occur when the vehicle is stopped in case the Li-ion battery becomes completely discharged. This is not a malfunction.**
- **If the Li-ion battery is completely discharged, it is required to charge until the low battery charge warning light (yellow) turns off (white).**

PUSH STARTING

Do not attempt to start the system by pushing the vehicle.

CAUTION

An EV (Electric Vehicle) cannot be push-started or tow-started. Attempting to do so may cause traction motor damage.

TOWING YOUR VEHICLE

When towing your vehicle, local regulations for towing must be followed. Incorrect towing equipment could damage your vehicle. Towing instructions are available from a NISSAN certified electric vehicle dealer. Local service operators are familiar with the applicable laws and procedures for towing. To assure proper towing and to prevent accidental damage to your vehicle, NISSAN recommends that you have a service operator tow your vehicle. It is advisable to have the service operator carefully read the following precautions.

⚠ WARNING

- **Never ride in a vehicle that is being towed.**
- **Never get under your vehicle after it has been lifted by a tow truck.**

CAUTION

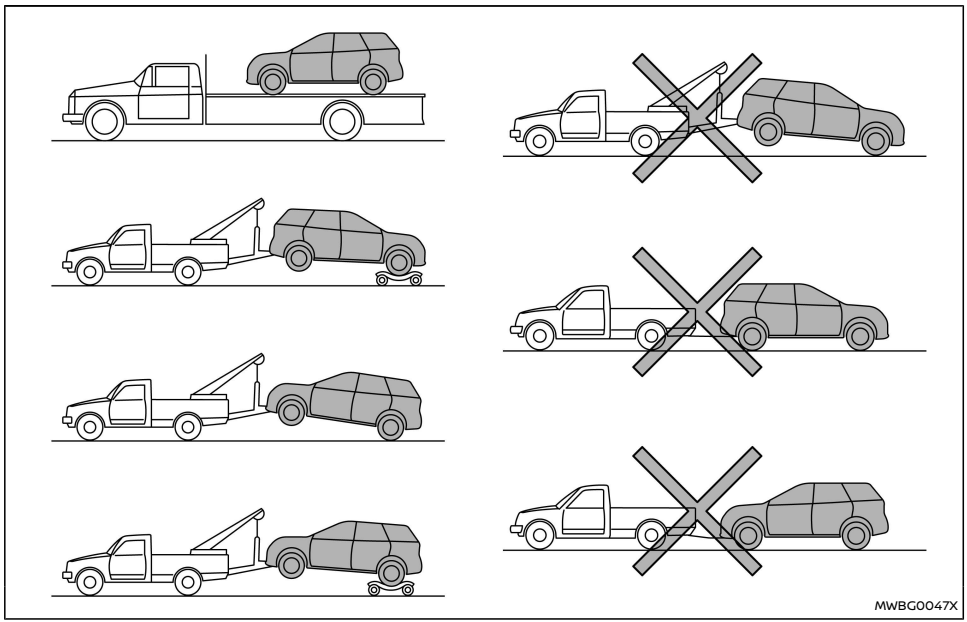
- **When towing, make sure that the axles, steering system and powertrain are in working condition. Use dollies or flatbed tow truck if any of the listed systems are not working.**
- **Always attach safety chains before towing.**

NOTE:

If the battery is completely drained, the vehicle will not manually shift to other positions. For shifting to other positions, charge the battery or supply power following the jump starting procedure. Push the park button to shift to the P (Park) position before shifting to other positions.

TOWING RECOMMENDED BY NISSAN

Towing a vehicle



NISSAN recommends that your vehicle be towed with the driving (front) wheels off the ground or that the vehicle be placed on a flatbed truck as illustrated.

CAUTION

- **Never tow with the front wheels on the ground or four wheels on the ground (forward or backward), as this may cause serious and expensive damage to the EV (Electric Vehicle) system.**
- **When towing this vehicle with the front wheels on towing dollies:**
  - **— Place the power switch in the ON position. Secure the steering wheel in the straight-ahead position with a rope or similar device.**
  - **— Place the shift button in the N (Neutral) position.**
- **When towing this vehicle with the rear wheels on the ground (if you do not use towing dollies): Always release the parking brake.**

NOTE:

If the electric parking brake is released, the rear wheels can be grounded while towing. If the electric parking brake is not released, towing dollies should be used. For additional information, refer to "Electric parking brake" (P.271).

FREEING TRAPPED VEHICLE

⚠ WARNING

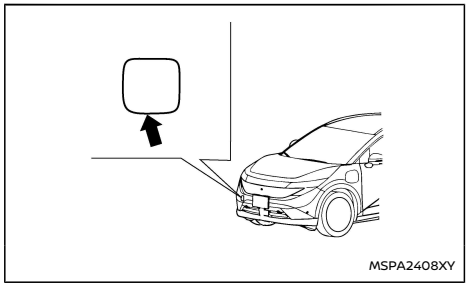
- **Never allow anyone to stand near the towing line during the pulling operation.**
- **Never spin the tyres at high speed. This could cause them to explode and result in serious injury. Parts of the vehicle could also overheat and be damaged.**
- **Do not pull the vehicle using the rear hook. The rear hook is not designed to pull the**

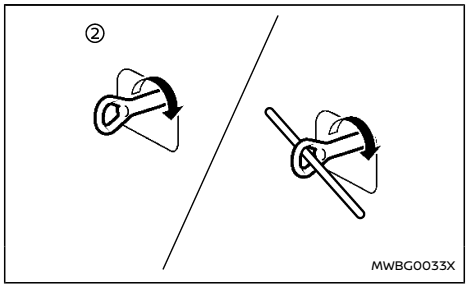
vehicle out in the event that the vehicle becomes trapped.

In the event that your vehicle's tyres become trapped in sand, snow, or mud, and the vehicle is unable to free itself without being pulled, use the recovery hook.

- Use the recovery hook only. Do not attach the pulling device to any other part of the vehicle body. Otherwise, the vehicle body may be damaged.
- Use the recovery hook to free a vehicle only.
- The recovery hook is under tremendous stress when used to free a trapped vehicle. Always pull the pulling device straight out from the vehicle. Never pull on the recovery hook at an angle.

Front:



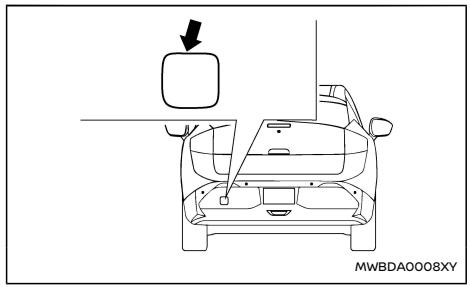


① Remove the hook cover from the bumper using suitable tool.

② Securely install the recovery hook as illustrated using a suitable tool. (The hook is stored in the storage area under the luggage board.)

Make sure that the recovery hook is properly secured in its storage area after use.

Rear:



Rear (example)

① Remove the hook cover from the bumper using a suitable tool.

② Securely install the recovery hook as illustrated using a suitable tool. (The hook is stored in the storage area under the luggage board.)

Make sure that the recovery hook is properly secured in its storage area after use.

Do not use the rear hook to tow the vehicle.

MEMO

7 Appearance and care

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CLEANING EXTERIOR

In order to maintain the appearance of your vehicle, it is important to take proper care of it.

To protect the paint surfaces, wash your vehicle as soon as you can:

- after a rainfall to prevent possible damage from acid rain
- after driving on coastal roads
- when contaminants such as soot, bird droppings, tree sap, metal particles or bugs get on the paint surface
- when dust or mud builds up on the surface

Whenever possible, store or park your vehicle inside a garage or in a covered area.

When it is necessary to park outside, park in a shady area or protect the vehicle with a body cover.

Be careful not to scratch the paint surface when putting on or removing the body cover.

WASHING

⚠ WARNING

Be careful and avoid pouring water directly on the Traction motor, reducer and inverter since it is dangerous if water gets inside.

Wash dirt off the vehicle with a wet sponge and plenty of water. Clean the vehicle thoroughly using a mild soap, a special vehicle soap or general purpose dishwashing liquid mixed with clean, lukewarm (never hot) water.

CAUTION

- **Do not concentrate water spray directly on the parking sensors (sonar) on the bumper as this will result in damage to the sensors.**
- **Do not use car washes that use acid in the detergent. Some car washes, especially brushless ones, use some acid for cleaning. The acid may react with some plastic vehicle components, causing them to crack. This could affect their appearance, and also could cause them not to function properly. Always check with your car wash to confirm that acid is not used.**
- **Do not wash the vehicle with strong household soap, strong chemical detergents, petrol or solvents.**
- **Do not wash the vehicle in direct sunlight or while the vehicle body is hot, as the surface may become water-spotted.**
- **Avoid using tight-napped or rough cloths, such as washing mitts. Care must be taken when removing caked-on dirt or other foreign substances so the paint surface is not scratched or damaged.**
- **Do not wash the motor compartment. Doing so may damage the electrical parts.**
- **Before washing the vehicle by an automatic car wash, make sure that the charge port lid is completely closed.**

Rinse the vehicle thoroughly with plenty of clean water.

Inside flanges, seams and folds on the doors, hatches and bonnet are particularly vulnerable to the effects of road salt. Therefore, these areas must be regularly cleaned. Make sure that the drain holes in the lower edge of the door are open. Spray water under the body and in the wheel wells to loosen the dirt and wash away road salt.

Avoid leaving water spots on the paint surface by using a damp chamois to dry the vehicle.

BADGES, STRIPES OR GRAPHICS (where fitted)

To maintain the premium finish of stickers, stripes and graphics on your vehicle, please observe the following care points:

- Only hand wash the surface, using PH neutral detergents.
- Do not use an automatic car wash.
- Do not use chemical agents (abrasive products, polishes, petrol, wax, protective products, corrosive solvents, etc.).
- Wash your vehicle as soon as you can if any insects, bird droppings, soot or metallic particles appear on the paint surface.
- The finish may deteriorate if it is marked by road oil (tar, etc.). Wash any dirt off the vehicle with a wet microfibre cloth and plenty of clean water.
- Avoid parking your vehicle under trees and remove any tree sap as soon as possible.
- Gently wash stickers or badges using a clean sponge. Do not use a pressure washer.

WAXING

Regular waxing protects the paint surface and helps retain new vehicle appearance. Polishing is recommended to remove built-up wax residue and to avoid a weathered appearance before reapplying wax.

A NISSAN certified electric vehicle dealer can assist you in choosing the proper product.

- Wax your vehicle only after a thorough washing. Follow the instructions supplied with the wax.
- Do not use a wax containing any abrasives, cutting compounds or cleaners that may damage the vehicle finish.

Machine compound or aggressive polishing on a base coat/clear coat paint finish may dull the finish or leave swirl marks.

REMOVING SPOTS

Remove tar and oil spots, industrial dust, insects, and tree sap as quickly as possible from the paint surface to avoid lasting damage or staining. Special cleaning products are available at a NISSAN certified electric vehicle dealer or any automotive accessory stores. It is recommended that you visit a NISSAN certified electric vehicle dealer for these products.

UNDERBODY

⚠ WARNING

Never use high-pressure washers capable of spraying water under the vehicle when the vehicle undercover has been removed. Doing so can damage the Li-ion battery and cause an electrical shock that may result in serious injury or death.

In areas where road salt is used in winter, the underbody must be cleaned regularly. This will prevent dirt and salt from building up and causing the acceleration of corrosion on the underbody and suspension. Before the winter period and again in the spring, the underseal must be checked and, if necessary, re-treated.

GLASS

Use glass cleaner to remove smoke and dust film from the glass surfaces. It is normal for glass to become coated with a film after the vehicle is parked in the hot sun. Glass cleaner and a soft cloth will easily remove this film.

CAUTION

When cleaning the inside of the windows, do not use sharp-edged tools, abrasive cleaners or chlorine-based disinfectant cleaners. They could damage the electrical conductors or rear window defogger elements.

WHEELS

Wash the wheels when washing the vehicle to maintain their appearance.

- Clean the inner side of the wheels when the wheel is changed or the underside of the vehicle is washed.
- Inspect wheel rims regularly for dents or corrosion. Such damage may cause loss of pressure or poor seal at the tyre bead.
- NISSAN recommends that the road wheels be waxed to protect against road salt in areas where it is used during winter.

CAUTION

Do not use abrasive cleaners when washing the wheels.

ALUMINIUM ALLOY WHEELS

Wash regularly with a sponge dampened in a mild soap solution, especially during winter months in areas where road salt is used. Salt could discolor the wheels if not removed.

CAUTION

Follow the directions below to avoid staining or discoloring the wheels:

- **Do not use a cleaner that uses strong acid or alkali contents to clean the wheels.**
- **Do not apply wheel cleaners to the wheels when they are hot. The wheel temperature should be the same as ambient temperature.**
- **Rinse the wheel to completely remove the**

CLEANING INTERIOR

cleaner within 15 minutes after the cleaner is applied.

CHROME PARTS

Clean chrome parts regularly with a non- abrasive chrome polish to maintain the finish.

TYRE DRESSING

NISSAN does not recommend the use of tyre dressings. Tyre manufacturers apply a coating to the tyres to help reduce discoloration of the rubber. If a tyre dressing is applied to the tyres, it may react with the coating and form a compound. This compound may come off the tyre while driving and stain the vehicle paint.

If you choose to use a tyre dressing, take the following precautions:

- Use a water-based tyre dressing. The coating on the tyre dissolves more easily with an oil-based tyre dressing.
- Apply a light coat of tyre dressing to help prevent it from entering the tyre tread/ grooves (where it would be difficult to remove).
- Wipe off excess tyre dressing using a dry towel. Make sure the tyre dressing is completely removed from the tyre tread/grooves.
- Allow the tyre dressing to dry as recommended by tyre dressing manufacturer.

Occasionally remove loose dust from the interior trim, plastic parts and seats using a vacuum cleaner or soft bristled brush. Wipe the vinyl and synthetic leather surfaces with a clean, soft cloth dampened in mild soap solution, then wipe clean with a dry soft cloth.

Regular care and cleaning is required in order to maintain the appearance of the synthetic leather (where fitted).

Before using any fabric protector, read the manufacturer's recommendations. Some fabric protectors contain chemicals that may stain or bleach the seat material.

Use a soft cloth dampened only with water, to clean the meter and gauge lens.

⚠ WARNING

- **Do not use wax or silicone based products in the interior of the vehicle. Doing so may cause damage to interior parts, electrical devices, or electronics.**
- **Do not use water or acidic cleaners (hot steam cleaners) on the seat. This can damage the seat or occupant classification sensor. This can also affect the operation of the air bag system and result in serious personal injury.**

CAUTION

- **Never use benzine, thinner, or any similar material.**
- **For cleaning, use a soft cloth, dampened with water. Never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent. They will scratch or cause discoloration to the lens.**
- **Do not spray any liquid such as water on the meter lens. Spraying liquid may cause the system to malfunction.**
- **Small dirt particles can be abrasive and damaging to the synthetic leather surfaces and should be removed promptly. Do not use saddle soap, car waxes, polishes, oils, cleaning fluids, solvents, detergents or ammonia-based cleaners as they may damage the leather's natural finish.**
- **Never use fabric protectors unless recommended by the manufacturer.**
- **Do not use glass or plastic cleaner on meter or gauge lens covers. It may damage the lens cover.**
- **Do not spill on or make contact with interior surfaces while handling air fresheners, aroma agents, cosmetics, sunscreen, etc. They may cause permanent discoloration, stain, crack, paint peeling, etc. depending on the ingredients. If they contact the interior surface, wipe them off immediately using a soft cloth.**
- **Do not use the chlorine-based cleaning liquid such as chlorine dioxide and hypochlorous acid, which may cause the paint peeling, corrosion, etc. If it is unavoidable to clean or sterilise interior surfaces, use less than 75% ethanol. Wipe the interior parts with a dry cloth dampened with ethanol. Wipe off ethanol completely. If**

you leave it uncleaned, it may cause paint peeling, discoloration, etc. Since ethanol is flammable, be careful of fire.

AIR FRESHENERS

Most air fresheners use a solvent that could affect the vehicle interior. If you use an air freshener, take the following precautions:

- Hanging-type air fresheners can cause permanent discoloration when they contact vehicle interior surfaces. Place the air freshener in a location that allows it to hang free and not contact an interior surface.
- Liquid-type air fresheners typically clip on the vents. These products can cause immediate damage and discoloration when spilled on interior surfaces.

Carefully read and follow the manufacturer's instructions before using air fresheners.

FLOOR MATS

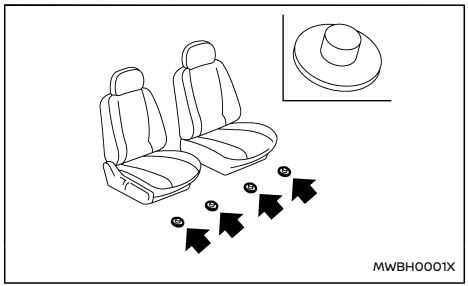
⚠ WARNING

To avoid potential pedal interference that may result in a collision, injury or death:

- **NEVER place a floor mat on top of another floor mat in the driver front position or install them upside down or backwards.**
- **It is recommended that you use only genuine NISSAN floor mats specifically designed for use in your vehicle model and model year.**
- **Properly position the mats in the floorwell using the floor mat positioning hooks. See "Floor mat installation" (P.433).**
- **Make sure the floor mat does not interfere with pedal operation.**
- **Periodically check the floor mats to make sure they are properly installed.**
- **After cleaning the vehicle interior, check the floor mats to make sure they are properly installed.**

The use of genuine NISSAN floor mats can extend the life of your vehicle carpet and make it easier to clean the interior. Mats should be maintained with regular cleaning and replaced if they become excessively worn.

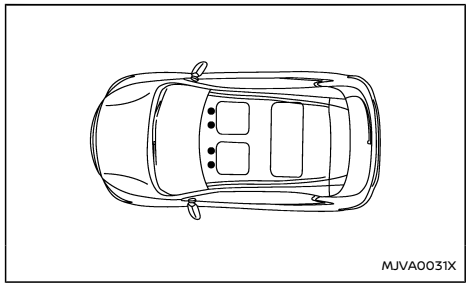
Floor mat installation



Your vehicle is equipped with floor mat positioning hook(s). The number and shape of the floor mat positioning hook(s) for each seating position varies depending on the vehicle.

When installing genuine NISSAN floor mats, follow the installation instructions provided with the floor mat and the following:

1. Position the floor mat in the floorwell so that the floor mat grommet holes are aligned with the hook(s).
2. Push the grommet holes into the hook(s) and secure them. Ensure that the floor mat is properly positioned.
3. Make sure the floor mat does not interfere with pedal operation. With the power switch in the OFF position and the shift position in the P (Park) position, fully apply and release all pedals. The floor mat must not interfere with pedal operation or prevent the pedal from returning to its normal position. It is recommended you see a NISSAN certified electric vehicle dealer for details about installing the floor mats in your vehicle.



Positioning hook(s)

The illustration shows the location of the floor mat positioning hook(s).

CORROSION PROTECTION

SEAT BELTS

The seat belts can be cleaned by wiping them with a sponge dampened in a mild soap solution. Allow the belts to dry completely in the shade before using them.

See "Seat belts" (P.73).

⚠ WARNING

Do not allow wet seat belts to roll up in the retractor. NEVER use bleach, dye, or chemical solvents to clean the seat belts, since these materials may severely weaken the seat belt webbing.

CLEANING THE SEAT TRACKS

CAUTION

Periodically clean the seat tracks to prevent reduction of ability to move the seats.

⚠ WARNING

When sliding the front seat to its foremost position, interference between the head restraint and the sun visor may occur, depending on the positions of the head restraint and backrest. This may cause the vanity mirror to deform or break. To prevent this, ensure that the sun visor is fully extended towards the windscreen and that the head restraint is fully lowered.

Clean periodically with a high-powered vacuum cleaner. Dirt and debris may reduce the ability to adjust the seat. A wet cleansing agent may be used if necessary.

EVSE (Electric Vehicle Supply Equipment) (where fitted)

The Electric Vehicle Supply Equipment (EVSE) can be cleaned by wiping gently with a soft cloth dampened in a 3% mild soap solution. Wipe and rinse the soap solution off with a cloth dampened with water and allow the EVSE to dry in a shady and well-ventilated place.

MOST COMMON FACTORS CONTRIBUTING TO VEHICLE CORROSION

- The accumulation of moisture-retaining dirt and debris in body panel sections, cavities, and other areas.
- Damage to paint and other protective coatings caused by gravel and stone chips or minor traffic accidents.

ENVIRONMENTAL FACTORS INFLUENCE THE RATE OF CORROSION

Moisture

Accumulation of sand, dirt and water on the vehicle body underside can accelerate corrosion. Wet floor coverings will not dry completely inside the vehicle, and should be removed for drying to avoid floor panel corrosion.

Relative humidity

Corrosion will be accelerated in areas of high relative humidity, especially those areas where the temperatures stay above freezing where atmospheric pollution exists, or where road salt is used.

Temperature

A temperature increase will accelerate the rate of corrosion to those parts which are not well ventilated.

Air pollution

Industrial pollution, the presence of salt in the air in coastal areas, or heavy road salt use will accelerate the corrosion process. Road salt will also accelerate the disintegration of paint surfaces.

TO PROTECT YOUR VEHICLE FROM CORROSION

- Wash and wax your vehicle often to keep the vehicle clean.
- Always check for minor damage to the paint and repair it as soon as possible.
- Keep drain holes at the bottom of the doors open to avoid water accumulation.
- Check the underbody for accumulation of sand, dirt or salt. If present, wash with water as soon as possible.

CAUTION

- **NEVER remove dirt, sand or other debris from the passenger compartment by washing it out with a hose. Remove dirt with a vacuum cleaner.**
- **Never allow water or other liquids to come in contact with electronic components inside the vehicle as this may damage them.**

Chemicals used for road surface deicing are extremely corrosive. They accelerate corrosion and deterioration of underbody components such as the brake lines, brake cables, floor pan and fenders.

In winter, the underbody must be cleaned periodically.

For additional protection against rust and corrosion, which may be required in some areas, it is recommended you consult a NISSAN certified electric vehicle dealer.

MEMO

8 Maintenance and do-it-yourself

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MAINTENANCE REQUIREMENT

Some day-to-day and regular maintenance is essential to maintain your vehicle's good mechanical condition, as well as its EV (Electric Vehicle) system performance.

It is the owner's responsibility to make sure that the specified maintenance, as well as general maintenance, is performed.

As the vehicle owner, you are the only one who can ensure that your vehicle receives the proper maintenance care.

SCHEDULED MAINTENANCE

For your convenience, the required scheduled maintenance items are described and listed in a separate Warranty Information and Maintenance booklet. You must refer to that booklet to ensure that necessary maintenance is performed on your vehicle at regular intervals.

GENERAL MAINTENANCE

General maintenance includes those items which should be checked during normal day-to-day operation of the vehicle. They are essential if your vehicle is to continue to operate properly. It is your responsibility to perform these procedures regularly as prescribed.

Performing general maintenance checks requires minimal mechanical skill and only a few general automotive tools.

These checks or inspections can be done by yourself, a qualified technician or, if you prefer, a NISSAN certified electric vehicle dealer.

WHERE TO GO FOR SERVICE

If maintenance service is required or your vehicle appears to malfunction, have the systems checked and serviced by a NISSAN certified electric vehicle dealer.

GENERAL MAINTENANCE

During the normal day-to-day operation of the vehicle, general maintenance should be performed regularly as prescribed in this section. If you detect any unusual sounds, vibrations or smells, be sure to check for the cause or have a NISSAN certified electric vehicle dealer do it promptly. In addition, you should notify a NISSAN certified electric vehicle dealer if you think that repairs are required.

When performing any checks or maintenance work, closely observe "Maintenance precautions" (P.440).

EXPLANATION OF MAINTENANCE ITEMS

Additional information on the following items with "*" is found later in this section.

Outside vehicle

The maintenance items listed here should be performed from time to time, unless otherwise specified.

Doors and bonnet:

Check that all doors and the bonnet operate smoothly as well as the back door, boot lid and hatch. Also make sure that all latches lock securely. Lubricate if necessary. Make sure that the secondary latch keeps the bonnet from opening when the primary latch is released. When driving in areas using road salt or other corrosive materials, check lubrication frequently.

Lights*:

Clean the headlights on a regular basis. Make sure that the headlights, brake lights, tail lights, turn signal lights, and other lights are all operating

properly and installed securely. Also check the aim of the headlights.

Tyres*:

Check the pressure with a gauge often and always prior to long distance trips. Adjust the pressure in all tyres, including the spare, to the pressure specified. Check carefully for damage, cuts or excessive wear.

Tyre rotation*:

In the case that front and rear tyres are the same size; tyres should be rotated every 10,000 km (6,000 miles). Tyres marked with directional indicators can only be rotated between front and rear. Make sure that the directional indicators point in the direction of wheel rotation after the tyre rotation is completed.

In the case that front tyres are a different size from rear tyres; tyres cannot be rotated.

The timing for tyre rotation may vary according to your driving habits and the road surface conditions.

Tyre Pressure Monitoring System (TPMS) tyre pressure sensor (where fitted):

It is recommended that you replace the TPMS tyre pressure sensor assembly when the tyres are replaced due to wear or age.

Wheel alignment and balance:

If the vehicle should pull to either side while driving on a straight and level road, or if you detect uneven or abnormal tyre wear, there may be a need for wheel alignment. If the steering wheel or seat vibrates at normal highway speeds, wheel balancing may be needed.

Windscreen:

Clean the windscreen on a regular basis. Check the windscreen at least every six months for cracks or other damage. Repair as necessary.

Wiper blades*:

Check for cracks or wear if not functioning correctly. Replace as necessary.

Inside vehicle

The maintenance items listed here should be checked on a regular basis, such as when performing periodic maintenance, cleaning the vehicle, etc.

Accelerator pedal:

Check the pedal for smooth operation and make sure that the pedal does not catch or require uneven effort. Keep the floor mats away from the pedal.

Brake pedal*:

Check the pedal for smooth operation and make sure that it is the proper distance from the floor mat when depressed fully. Be sure to keep the floor mats away from the pedal.

Parking brake*:

Check the parking brake operation regularly. The vehicle should be securely held on a fairly steep hill with only the parking brake applied. If the parking brake needs adjusted, it is recommended you visit a NISSAN certified electric vehicle dealer.

Seat belts:

Check that all parts of the seat belt system (for example, buckles, anchors, adjusters and retractors) operate properly and smoothly, and are installed securely. Check the belt webbing for cuts, fraying, wear or damage.

Steering wheel:

Check for changes in the steering condition, such as excessive play, hard steering or strange noises.

Warning lights and chimes:

Make sure that all warning lights and chimes are operating properly.

Windscreen defogger:

Check that the air comes out of the defogger outlets properly and in good quantity when operating the heater or air conditioner.

Windscreen wiper and washer*:

Check that the wipers and washer operate properly and that the wipers do not streak.

Under bonnet and vehicle

The maintenance items listed here should be checked periodically.

12-volt Battery (except for maintenance free (MF) batteries)*:

Check the fluid level in each cell. It should be between the UPPER and LOWER lines. Vehicles operated in high temperatures or under severe conditions require frequent checks of the battery fluid level.

MAINTENANCE PRECAUTIONS

Brake fluid level*:

Make sure that the brake fluid level is between the MAX and MIN lines on the reservoir.

Coolant level*:

Check the coolant level when the high voltage parts are cold. Make sure that the coolant level is between the MAX and MIN lines on the reservoir.

Fluid leaks:

Check under the vehicle for oil, water or other fluid leaks after the vehicle has been parked for a while. Water dripping from the air conditioner after use is normal. If you should notice any leaks, check for cause and have it corrected immediately.

Windscreen washer fluid*:

Check that there is adequate fluid in the reservoir.

When performing any inspection or maintenance work on your vehicle, always take care to prevent serious accidental injury to yourself or damage to the vehicle. The following are general precautions that should be closely observed.

⚠ WARNING

- **The EV (Electric Vehicle) system uses high voltage up to approximately DC 400 volt. The system can be hot during and after starting and when the vehicle is shut off. Be careful of both the high voltage and the high temperature. Obey the labels that are attached to the vehicle.**
- **Never disassemble, remove or replace high-voltage parts and cables as well as their connectors. High-voltage cables are coloured orange.**
- **Disassembling, removing or replacing those parts or cables can cause severe burns or electric shock that may result in serious injury or death. The vehicle high voltage system has no user serviceable parts. Take your vehicle to the NISSAN certified electric vehicle dealer for any necessary maintenance.**
- **Park the vehicle on a level surface, apply the parking brake securely and chock the wheels to prevent the vehicle from moving. Push either the shift button P or button N to place the vehicle into the P (Park) or N (Neutral) position respectively.**
- **If you must work while the EV (Electric Vehicle) system is turned on, keep hands, clothing, hair and tools away from moving fans and any other moving parts.**
- **Make sure that the power switch is in the OFF position and the charge connector has been disconnected when performing any maintenance work.**
- **It is advisable to secure or remove any loose clothing and remove any jewellery, such as rings, watches, etc. before working on your vehicle.**
- **Always wear eye protection whenever you work on your vehicle.**
- **Never get under the vehicle while it is supported by a jack.**
- **Keep smoking materials, flames and sparks away from the 12-volt battery.**

CAUTION

- **Do not work under the bonnet while the motor compartment is hot. Push the power switch in the OFF position and wait until it cools down.**
- **Avoid direct contact with used coolant. Improperly disposed coolant and/or other vehicle fluids can damage the environment. Always conform to local regulations for the disposal of vehicle fluids.**
- **Never connect or disconnect the battery or any transistorised component while the power switch is in the ON position.**
- **Your vehicle is equipped with an automatic cooling fan. It may come on at any time without warning, even if the power switch**

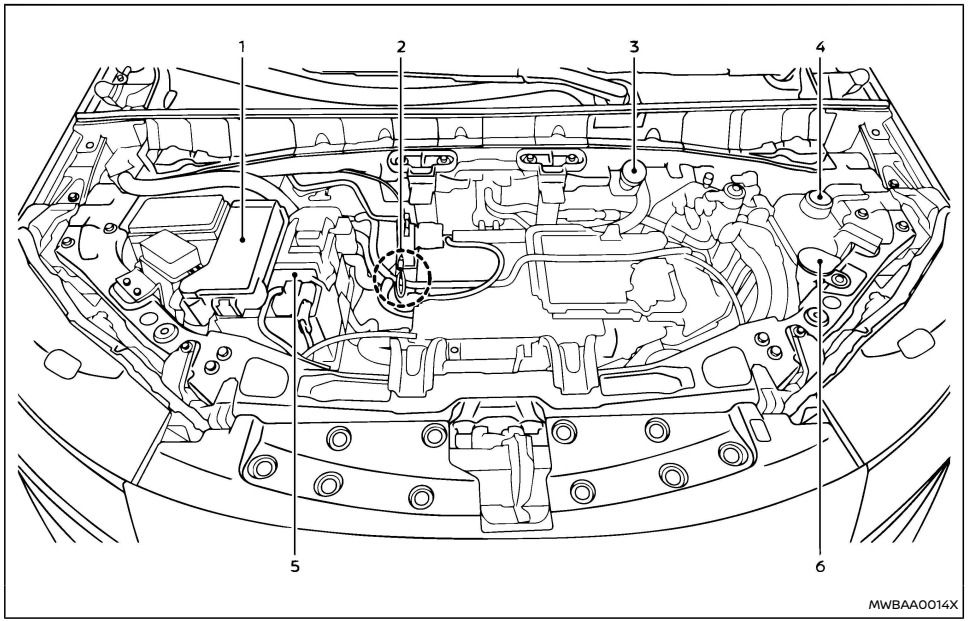
is not in the ON or READY to drive position. To avoid injury, always disconnect the negative 12-volt battery cable before working near the fan.

- **When "Charging status indicator light" (P.55) is lit or blinking, do not perform a maintenance work. There is a risk of electric shock because the high voltage system is operating.**
- **Do not perform any maintenance work in the following situations.**
  - **— When charging the Li-ion battery with the EVSE (where fitted) or a charge cable.**
  - **— When the 12-volt battery is charging. See "Charging the 12–volt battery" (P.18).**
  - **— When remote climate control or [Climate Schedule] is working. See "NissanConnect Services" (P.28) or "[Climate Schedule]" (P.248).**
  - **— When the software is updating.**
- **When performing inspection and maintenance work.**
  - **— Turn the power switch ON once, then push and hold power switch for longer than 2 seconds.**
  - **— Open the driver's door, get out of the vehicle, close the door and wait for longer than 5 minutes.**

This "8. Maintenance and do-it-yourself" section gives instructions regarding only those items that are relatively easy for an owner to perform.

You should be aware that incomplete or improper servicing may result in operating difficulties and could affect your warranty coverage. **If in doubt about any servicing, we recommend that it be done by a NISSAN certified electric vehicle dealer.**

MOTOR COMPARTMENT CHECK LOCATIONS



Example

1. Fuse/fusible link holders
2. Charge connector mechanical release
3. Brake fluid reservoir
4. Coolant reservoir
5. 12–volt battery
6. Window washer fluid reservoir

The layout/components illustrated are for the Left-Hand Drive (LHD) models and may differ from those for the Right-Hand Drive (RHD) models.

COOLING SYSTEM

⚠ WARNING

- **Never remove the coolant tank cap when the motor compartment is hot. Wait until the motor compartment cools down.**
- **Coolant is poisonous and should be stored carefully in marked containers out of the reach of children.**

The cooling system is filled at the factory with a high-quality, year-round, anti-freeze coolant solution. The anti-freeze solution contains rust and corrosion inhibitors, therefore additional cooling system additives are not necessary.

CAUTION

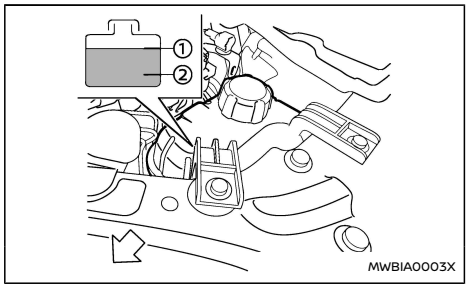
- **Never use any additives in the coolant such as radiator sealer in the cooling system. This may cause damage to electrical equipment such as the motor and inverter.**
- **When adding or replacing coolant, be sure to use only a Genuine NISSAN Coolant or equivalent in its quality with the proper mixture ratio. Examples of the mixture ratio of coolant and water are shown in the following table:**

Outside temperature down to		Coolant (concentrated)	Demineralised or distilled water
°C	°F		
−35	−30	50%	50%

Use Genuine NISSAN Coolant or equivalent in its quality. Genuine NISSAN Coolant is a pre-mixed (mixture ratio 50%) type coolant.

The coolant tanks are equipped with a special type coolant tank cap. To minimise the risk of damage to the motor compartment, NISSAN recommends the use of genuine NISSAN coolant tank cap.

CHECKING COOLANT LEVEL



Check the coolant level **in the reservoir when the high voltage parts are cold.** If the coolant level is below the MIN level ②, open the reservoir cap and add coolant up to the MAX level ①. If the reservoir is empty, check the coolant level in the coolant tank **when the high voltage parts are cold.** If there is insufficient coolant in the coolant tank, fill the coolant tank with coolant up to the reservoir cap opening and also add it to the reservoir up to the MAX level ①.

Tighten the cap securely after adding coolant.

If the cooling system frequently requires coolant, have it checked by a NISSAN certified electric vehicle dealer.

CHANGING COOLANT

Contact a NISSAN certified electric vehicle dealer if replacement is required.

Major cooling system repairs should be performed by a NISSAN certified electric vehicle dealer. The service procedures can be found in the appropriate NISSAN Service Manual.

Improper servicing can result in reduced heater performance.

⚠ WARNING

- **To avoid the danger of being scalded, never change the coolant when the motor compartment is hot.**
- **Never remove the coolant tank cap when the motor compartment is hot. Serious burns could be caused by high-pressure fluid escaping from the tank.**
- **Avoid direct skin contact with used coolant. If skin contact is made, wash thoroughly with soap or hand cleaner as soon as possible.**
- **Keep coolant out of reach of children and pets.**

Coolant must be disposed of properly. Check your local regulations.

If the brakes do not operate properly, have the brakes checked by a NISSAN certified electric vehicle dealer.

BRAKE PAD WEAR WARNING

The disc brake pads have audible wear warnings. When a brake pad requires replacement, it will make a high pitched scraping sound when the vehicle is in motion. This scraping sound will first occur only when the brake pedal is depressed. After more wear of the brake pad, the sound will always be heard even if the brake pedal is not depressed. Have the brakes checked as soon as possible if the wear warning sound is heard.

Under some driving or climate conditions, occasional brake squeak, squeal or other noise may be heard. Occasional brake noise during light to moderate stops is normal and does not affect the function or performance of the brake system.

Proper brake inspection intervals should be followed. For additional information, see a separate maintenance booklet.

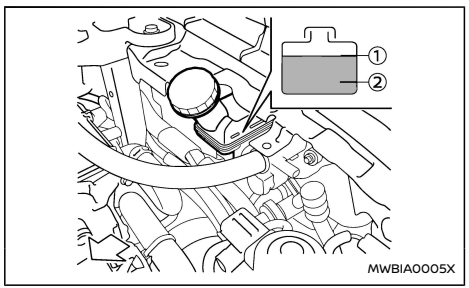
BRAKE FLUID

⚠ WARNING

- **Use only new fluid from a sealed container. Old, inferior or contaminated fluid may damage the brake system. The use of improper fluids can damage the brake system, and affect the vehicle's stopping ability.**
- **Clean the filler cap before removing.**
- **Brake fluid is poisonous and should be stored carefully in marked containers out of the reach of children.**
- **Do not overfill the brake fluid reservoir. Overfilling can damage the brake system.**

CAUTION

Do not spill the fluid on any painted surfaces. This will damage the paint. If fluid is spilled, immediately wash the surface with water.



Check the fluid level in the reservoir. If the fluid is below the MIN line ②, the brake warning light will illuminate. Add fluid up to the MAX line ①. (See "Recommended fluids/lubricants and capacities" (P.462) for recommended types of fluid.)

If fluid must be added frequently, the system should be thoroughly checked by a NISSAN certified electric vehicle dealer.

REDUCTION GEAR FLUID

When checking or replacement is required, we recommend a NISSAN certified electric vehicle dealer for servicing.

CAUTION

- **Use only Genuine NISSAN Matic S ATF. Do not mix with other oil.**
- **Using reduction gear fluid other than Genuine NISSAN Matic S ATF will cause deterioration in drivability and reduction gear durability, and may damage the reduction gear, which is not covered by warranty.**

WINDSCREEN WIPER BLADES

CLEANING

If the windscreen does not become clear after using the windscreen washer or if the wiper blades chatter when operating the windscreen wipers, wax or other materials may be on the windscreen and/or wiper blades.

Clean the outside of the windscreen surface with a washer solution or mild detergent. Your windscreen is clean if beads do not form when rinsing with water.

Clean the blade by wiping it with a cloth soaked in a washer solution or a mild detergent. Rinse the blade with water. If your windscreen is still not clear after cleaning the blades and using the wipers, replace the blades.

Be careful not to clog the washer nozzle. This may cause improper windscreen washer operation. If the nozzle is clogged, contact a NISSAN certified electric vehicle dealer.

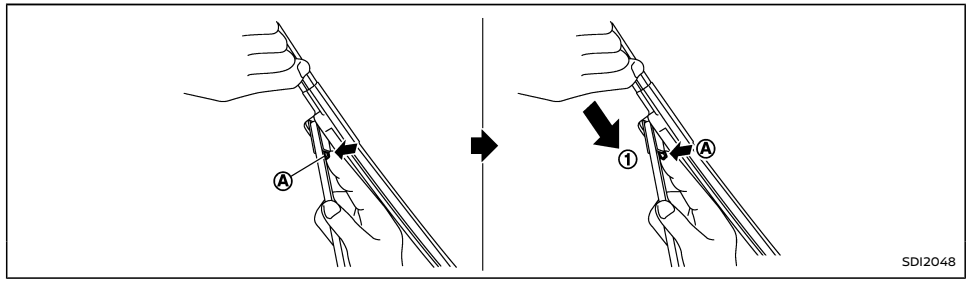
⚠ WARNING

Worn windscreen wiper blades can damage the windscreen and impair driver vision.

When a washer nozzle is clogged

It is recommended you see a NISSAN certified electric vehicle dealer if a washer nozzle is clogged or any malfunction occurs. Do not attempt to clean the nozzle using a needle or a pin. Doing so may damage the nozzle.

REPLACING



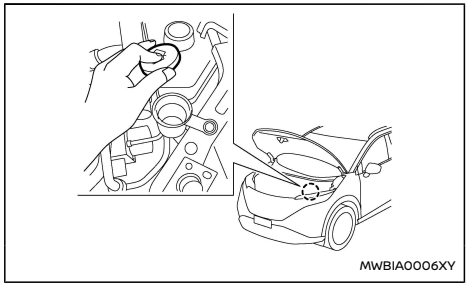
Replace the wiper blades if they are worn. To replace the wiper blades first you have to put them in the service position. See "Windscreen wiper and washer operation" (P.159).

1. Lift the wiper arm away from the windscreen.
2. Push the release tab Ⓐ, and then move the wiper blade down the wiper arm ① while pushing the release tab to remove.
3. Insert the new wiper blade onto the wiper arm until a click sounds.
4. Rotate the wiper blade so the dimple is in the groove.

CAUTION

- **After wiper blade replacement, return the wiper arm to its original position; otherwise it may be damaged when the bonnet is opened.**
- **Make sure the wiper blades contact the glass; otherwise the arm may be damaged from wind pressure.**

WINDOW WASHER FLUID


MWBIA0006XY

⚠ WARNING

Anti-freeze is poisonous and should be stored carefully in marked containers out of the reach of children.

To fill the window washer fluid reservoir, lift the cap and pour the window washer fluid into the reservoir opening.

Add a washer solvent to the washer for better cleaning. In the winter season, add a windscreen washer anti-freeze. Follow the manufacturer's instructions for the mixture ratio.

Fill the window washer fluid reservoir periodically.

12-VOLT BATTERY

Caution symbols for battery			⚠ WARNING
①		No smoking No exposed flames No sparks	Never smoke around the battery. Never expose the battery to open flames or electrical sparks.
②		Shield eyes	Handle the battery cautiously. Always wear eye protection glasses to protect against explosion or battery acid.
③		Keep away from children	Never allow children to handle the battery. Keep the battery out of reach of children.
④		Battery acid	Do not allow battery fluid to contact your skin, eyes, fabrics, or painted surfaces. After handling the battery or battery cap, immediately wash your hands thoroughly. If the battery fluid gets into your eyes, or onto your skin or clothing, flush with water immediately for at least 15 minutes and seek medical attention. Battery fluid is acid. If the battery fluid gets into your eyes or onto your skin, it could cause eyesight loss or burns.
⑤		Note operating instructions	Before handling the battery, read this instruction carefully to ensure correct and safe handling.
⑥		Explosive gas	Hydrogen gas, generated by battery fluid, is explosive.

⚠ WARNING

Do not operate the vehicle if the fluid in the 12-volt battery is low. Low 12-volt battery fluid can cause a higher load on the 12-volt battery which can generate heat, reduce 12-volt battery life, and in some cases lead to an explosion.

12-VOLT BATTERY

For a maintenance free (MF) battery, it is not required to check the fluid level. However, NISSAN recommends to check it periodically at a NISSAN certified electric vehicle dealer.

NOTE:

For replacing the 12-volt battery, visit a NISSAN certified electric vehicle dealer.

JUMP STARTING

Jump starting provides power to the 12 volt system to allow the electrical systems to operate. The electrical systems must be operating to allow the Li-ion battery to be charged. Jump starting does not charge the Li-ion battery. The Li-ion battery must be charged before the vehicle can be driven.

If jump starting is necessary, see "Jump starting" (P.422). If the power switch does not switch to READY to drive position by jump starting, the 12-volt battery may have to be replaced. Contact a NISSAN certified electric vehicle dealer.

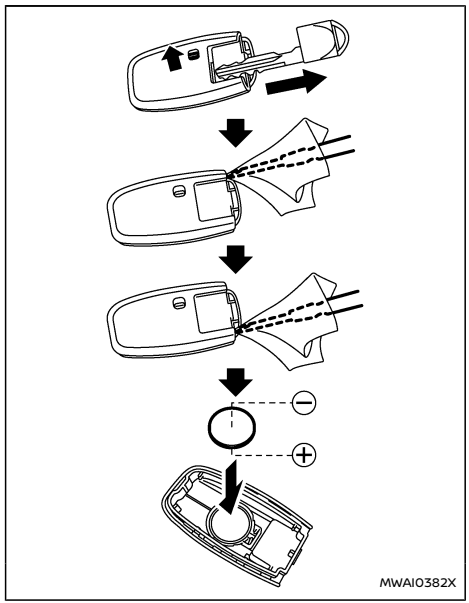
INTELLIGENT KEY BATTERY REPLACEMENT

⚠ WARNING

- **Do not ingest the battery, Chemical Burn Hazard. This product contains a coin/ button cell battery. If the coin/ button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.**
- **Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.**
- **If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.**

CAUTION

- **There is danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.**
- **Do not expose the battery to excessive heat such as sunshine, fire or the like.**
- **Do not crush or cut the battery.**
- **Do not subject the battery to extremely low air pressure at high altitude.**



Replace the battery in the Intelligent Key as follows:

1. Remove the mechanical key from the Intelligent Key.
2. Insert a small screwdriver into the slit (on the right and left sides) and twist it to separate the upper part from the lower part. Use a cloth to protect the casing.

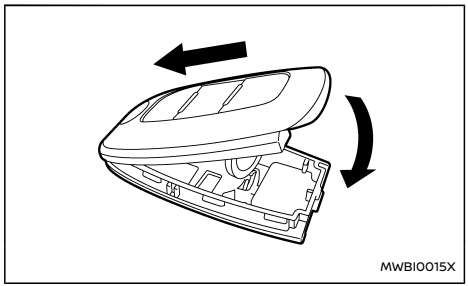
FUSES

3. Replace the battery with a new one.

   Recommended battery:

   CR2032 or equivalent

   - Do not touch the internal circuit and electric terminals as doing so could cause a malfunction.
   - Hold the battery by the edges. Holding the battery across the contact points will seriously deplete the storage capacity.
   - Make sure that the ⊕ side faces the bottom of the case.



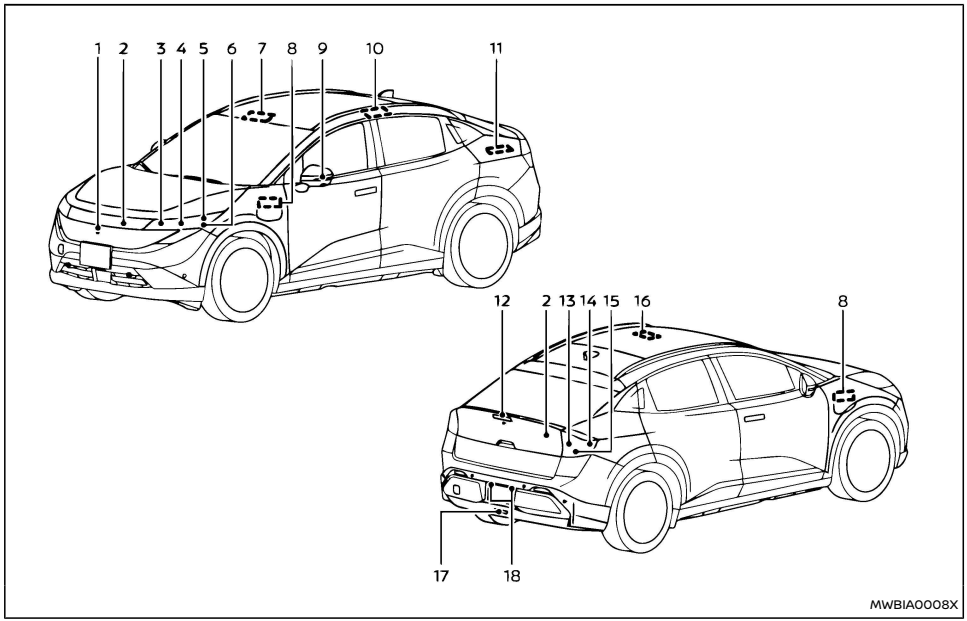
4. Align the tips of the upper and lower parts, and then push them together until it is securely closed.
5. Operate the buttons to check its operation.

If you need any assistance for replacement, it is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Do not open the fuse box.

If you have noticed an electrical equipment malfunction, consult a NISSAN certified electric vehicle dealer.

LIGHTS



1. Emblem light
2. Signature light (where fitted)
3. Headlight (high-beam)
4. Headlight (low-beam)
5. Front parking light/Daytime running light/ Front turn signal light
6. Front side marker light
7. Map light
8. Charge port light
9. Side turn signal light (where fitted)
10. Rear personal light
11. Cargo light
12. High-mounted brake light
13. Brake light/Tail light
14. Rear side marker light
15. Rear turn signal light
16. Rear room light (where fitted)
17. Reversing light
18. Number plate light

HEADLIGHTS

You may occasionally see fog or condensation inside your vehicle's headlamps or taillights. This is a normal and harmless occurrence that can happen under certain environmental conditions, especially in humid weather or after a car wash. There is no impact on performance as fogging is a temporary physical process and does not affect the function or safety of the lights. Driving the vehicle will speed up fog clearing. If large drops of water collect inside the lens, it is recommended you visit a NISSAN certified electric vehicle dealer for servicing.

Replacing

If LED headlight replacement is required, it is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

EXTERIOR AND INTERIOR LIGHTS

Item	Wattage (W)
Headlight high/low beams*	LED
Front turn signal light*	LED
Front clearance light*	LED
Front fog light (where fitted)*	LED
Rear fog light*	LED
Side turn signal light*	LED
Emblem light (where fitted)*	LED
Daytime running light*	LED
Rear combination light*	
Turn signal light	LED
Stop/tail light	LED
Tail light	LED
Reverse light	LED
Number plate light*	LED
Map light*	LED
Rear personal light*	LED
Vanity mirror light*	LED
High-mounted brake light*	LED
Cargo light*	LED

*: It is recommended you visit a NISSAN certified electric vehicle dealer for replacement.

Replacement procedures

Visit a NISSAN certified electric vehicle dealer if replacement is required.

If you have a flat tyre, see "Flat tyre" (P.417).

TYRE PRESSURE

Tyre Pressure Monitoring System (TPMS)

⚠ WARNING

Radio waves could adversely affect electric medical equipment. Those who use a pacemaker should contact the electric medical equipment manufacturer for the possible influences before use.

This vehicle is equipped with the Tyre Pressure Monitoring System (TPMS). It monitors tyre pressure of all tyres. When the low tyre pressure warning light is lit, and the [Low Tyre Pressure] warning message is displayed in the vehicle information display, one or more of your tyres is significantly under-inflated.

The TPMS will activate only when the vehicle is driven at speeds above 25 km/h (16 MPH). Also, this system may not detect a sudden drop in tyre pressure (for example a flat tyre while driving).

For more details, see "Low tyre pressure warning light" (P.121), "Tyre Pressure Monitoring System (TPMS)" (P.257) and "Tyre Pressure Monitoring System (TPMS)" (P.417).

Tyre inflation pressure

Check the pressure of the tyres often and always prior to long distance trips. The recommended tyre pressure specifications are shown on the tyre placard. The tyre placard is affixed to the driver

side centre pillar. Tyre pressures should be checked regularly because:

- Most tyres naturally lose air over time.
- Tyres can lose air suddenly when driven over potholes or other objects or if the vehicle strikes a kerb while parking.

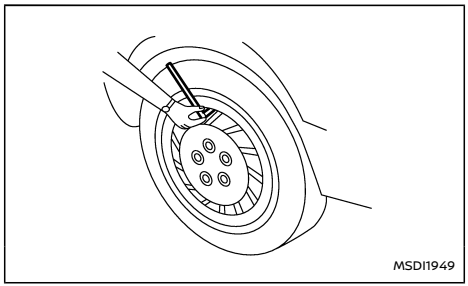
The tyre pressures should be checked when the tyres are cold. The tyres are considered COLD after the vehicle has been parked for 3 or more hours, or driven less than 1.6 km (1 mile) at moderate speeds.

Incorrect tyre pressure, including under inflation, may adversely affect tyre life and vehicle handling.

⚠ WARNING

- **Improperly inflated tyres can fail suddenly and cause an accident.**
- **Before taking a long trip, or whenever you heavily load your vehicle, use a tyre pressure gauge to ensure that the tyre pressures are at the specified level.**

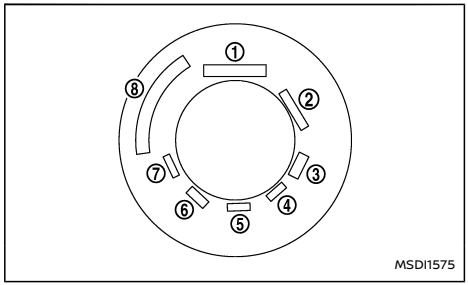
Checking the tyre pressure



1. Remove the valve stem cap from the tyre.
2. Press the pressure gauge squarely onto the valve stem. Do not press too hard or force the valve stem sideways, or air will escape. If the hissing sound of air escaping from the tyre is heard while checking the pressure, reposition the gauge to eliminate this leakage.
3. Remove the gauge.
4. Read the tyre pressure on the gauge stem and compare it to the specification shown on the tyre placard.
5. Add air to the tyre as needed. If too much air is added, press the core of the valve stem briefly with the tip of the gauge stem to release pressure. Recheck the pressure and add or release air as needed.
6. Install the valve stem cap.
7. Check the pressure of all other tyres.

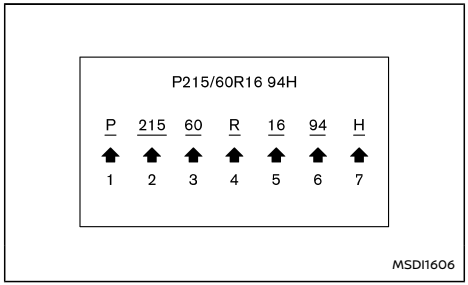
	SIZE	COLD TYRE INFLATION PRESSURE	
		For driver + 2 or less passengers	For driver + 3 or more passengers
FRONT ORIGINAL TYRE	195/60 R18	280 kPa, 2.8 bar, 41 psi	300 kPa, 3.0 bar, 44 psi
	215/55 R18	280 kPa, 2.8 bar, 41 psi	300 kPa, 3.0 bar, 44 psi
	235/45 R19	260 kPa, 2.6 bar, 38 psi	300 kPa, 3.0 bar, 44 psi
REAR ORIGINAL TYRE	195/60 R18	280 kPa, 2.8 bar, 41 psi	320 kPa, 3.2 bar, 46 psi
	215/55 R18	280 kPa, 2.8 bar, 41 psi	300 kPa, 3.0 bar, 44 psi
	235/45 R19	260 kPa, 2.6 bar, 38 psi	300 kPa, 3.0 bar, 44 psi

TYRE LABELING



Example

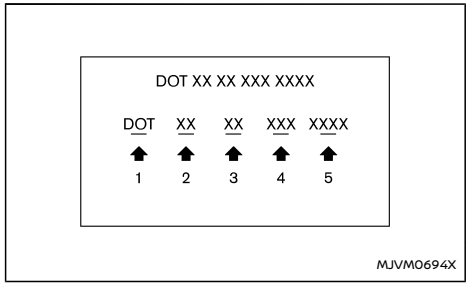
Tyre labeling identifies and describes the fundamental characteristics of the tyre and also provides the tyre identification number (TIN) for safety standard certification. The TIN can be used to identify the tyre in case of a recall.



Example

① Tyre size (example: P215/60R16 94H)

1. P: The P indicates the tyre is designed for passenger vehicles. (Not all tyres have this information.)
2. Three-digit number (215): This number gives the width in millimeters of the tyre from sidewall edge to sidewall edge.
3. Two-digit number (60): This number, known as the aspect ratio, gives the tyre's ratio of height to width.
4. R: The R stands for radial.
5. Two-digit number (16): This number is the wheel or rim diameter in inches.
6. Two- or three-digit number (94): This number is the tyre's load index. It is a measurement of how much weight each tyre can support. You may not find this information on all tyres because it is not required by law.
7. H: Tyre speed rating. You should not drive the vehicle faster than the tyre speed rating.



Example

② TIN (Tyre Identification Number) for a new tyre (example: DOT XX XX XXX XXXX)

1. DOT: Abbreviation for the "Department of Transportation". The symbol can be placed above, below or to the left or right of the Tyre Identification Number.

2. Two-digit code: Manufacturer's identification mark
3. Two-digit code: Tyre size
4. Three-digit code: Tyre type code (Optional)
5. Four numbers represent the week and year the tyre was built. For example, the numbers 3103 means the 31st week of 2003. If these numbers are missing, then look on the other sidewall of the tyre.

③ Tyre ply composition and material

The number of layers or plies of rubber-coated fabric in the tyre.

Tyre manufacturers also must indicate the materials in the tyre, which include steel, nylon, polyester, and others.

④ Maximum permissible inflation pressure

This number is the greatest amount of air pressure that should be put in the tyre. Do not exceed the maximum permissible inflation pressure.

⑤ Maximum load rating

This number indicates the maximum load in kilograms and pounds that can be carried by the tyre. When replacing the tyres on the vehicle, always use a tyre that has the same load rating as the factory installed tyre.

⑥ Term of "tubeless" or "tube type"

Indicates whether the tyre requires an inner tube ("tube type") or not ("tubeless").

⑦ The word "radial"

The word "radial" is shown, if the tyre has radial structure.

⑧ Manufacturer or brand name

Manufacturer or brand name is shown.

Other tyre-related terminology:

In addition to the many terms that are defined throughout this section, Intended Outboard Sidewall is (1) the sidewall that contains a whitewall, bears white lettering or bears manufacturer, brand and/or model name molding that is higher or deeper than the same molding on the other sidewall of the tyre, or (2) the outward facing sidewall of an asymmetrical tyre that has a particular side that must always face outward when mounted on a vehicle.

TYPES OF TYRES

CAUTION

When changing or replacing tyres, be sure all four tyres are of the same type (that is, summer, all season or snow) and construction. A NISSAN certified electric vehicle dealer may be able to help you with information about tyre type, size, speed rating and availability.

Replacement tyres may have a lower speed rating than the factory equipped tyres, and they may not match the potential maximum vehicle speed. Never exceed the maximum speed rating of the tyre.

All season tyres

NISSAN specifies all season tyres on some models to provide good performance all year, including snowy and icy road conditions. All Season tyres are identified by ALL SEASON and/or M&S (Mud and Snow) on the tyre sidewall. Snow tyres have better snow traction than All Season tyres and may be more appropriate in some areas.

Summer tyres

NISSAN specifies summer tyres on some models to provide superior performance on dry roads. Summer tyre performance is substantially reduced in snow and ice. Summer tyres do not have the tyre traction rating M&S on the tyre sidewall.

If you plan to operate your vehicle in snowy or icy conditions, NISSAN recommends the use of SNOW tyres or ALL SEASON tyres on all four wheels.

Snow tyres

If snow tyres are needed, it is necessary to select tyres equivalent in size and load rating to the original equipment tyres. If you do not, it can adversely affect the safety and handling of your vehicle.

Generally, snow tyres will have lower speed ratings than factory equipped tyres and may not match the potential maximum vehicle speed. Never exceed the maximum speed rating of the tyre.

If you install snow tyres, they must be the same size, brand, construction and tread pattern on all four wheels.

For additional traction on icy roads, studded tyres may be used. However, some states and provinces prohibit their use. Check local, state and provincial laws before installing studded tyres. Skid and traction capabilities of studded snow tyres, on wet or dry surfaces, may be poorer than that of non-studded snow tyres.

TYRE CHAINS

Use of tyre chains may be prohibited according to location. Check the local laws before installing tyre chains. When installing tyre chains, make sure they are the proper size for the tyres on your vehicle and are installed according to the chain manufacturer's suggestions.

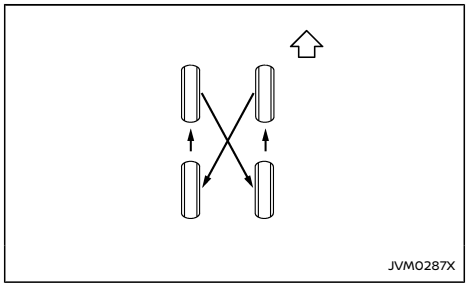
Use chain tensioners when recommended by the tyre chain manufacturer to ensure a tight fit. Loose end links of the tyre chain must be secured or removed to prevent the possibility of whipping action damage to the fenders or underbody. If possible, avoid fully loading your vehicle when using tyre chains. In addition, drive at a reduced speed. Otherwise, your vehicle may be damaged and/or vehicle handling and performance may be adversely affected.

Tyre chains must be installed only on the front wheels and not on the rear wheels.

Do not use tyre chains on dry roads. Driving with tyre chains in such conditions can cause damage to the various mechanisms of the vehicle due to some overstress.

CHANGING WHEELS AND TYRES

Tyre rotation



NISSAN recommends rotating the tyres at the specified interval shown in a separate maintenance booklet. (For tyre replacing procedures, see "Jacking up vehicle and replacing tyres" (P.456).)

As soon as possible, tighten the wheel bolts to the specified torque with a torque wrench.

Wheel bolt tightening torque:

113 N·m (12 kg-m, 83 lb-ft)

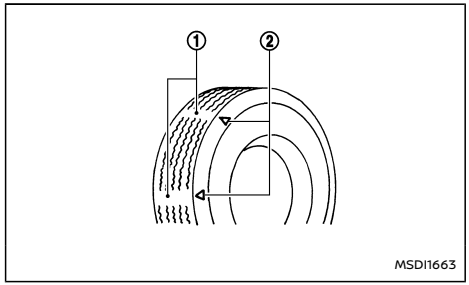
The wheel bolts must be kept tightened to the specification at all times. It is recommended that wheel bolts be tightened to the specification at each tyre rotation interval.

⚠ WARNING

- **After rotating the tyres, check and adjust the tyre pressure.**
- **Incorrect tyre selection, fitting, care or maintenance can affect vehicle safety with risk of accident and injury. If in doubt, consult a NISSAN certified electric vehicle dealer or the tyre manufacturer.**

After the tyres are rotated, the TPMS must be reset. (See "Tyre Pressure Monitoring System (TPMS)" (P.257) for details about the resetting procedure.)

Tyre wear and damage



1. Wear indicator
2. Wear indicator location mark

⚠ WARNING

- **Tyres should be periodically inspected for wear, cracking, bulging or objects caught in the tread. If excessive wear, cracks,**

bulging or deep cuts are found, the tyre(s) should be replaced.

- **The original tyres have built-in tread wear indicators. When wear indicators are visible, the tyre(s) should be replaced.**
- **Tyres degrade with age and use. Have tyres over 6 years old checked by a qualified technician, because some tyre damage may not be obvious. Replace the tyres as necessary to prevent tyre failure and possible personal injury.**

Replacing wheels and tyres

When replacing a tyre, use the same size, tread design, speed rating and load carrying capacity as originally equipped. (See "Specifications" (P.464) for recommended types and sizes of tyres and wheels.)

⚠ WARNING

- **The use of tyres other than those recommended or the mixed use of tyres of different brands, construction (bias, bias-belted or radial), or tread patterns can adversely affect the ride, braking, handling, ESP system, ground clearance, body-to-tyre clearance, tyre chain clearance, speedometer calibration, headlight aim and bumper height. Some of these effects may lead to accidents and could result in serious personal injury.**
- **If your vehicle was originally equipped with 4 tyres that were the same size and you are only replacing 2 of the 4 tyres, install the new tyres on the rear axle. Placing new tyres on the front axle may cause loss of vehicle control in some driving conditions and cause an accident and personal injury.**
- **If the wheels are changed for any reason, always replace with wheels which have the same off-set dimension. Wheels of a different off-set could cause premature tyre wear, degrade vehicle handling characteristics and/or interference with the brake discs/drums. Such interference can lead to decreased braking efficiency and/or early brake pad wear. See "Wheels and tyres" (P.465) of this manual for wheel off-set dimensions.**
- **After a tyre or a wheel is replaced, the TPMS must be reset. (See "Tyre Pressure Monitoring System (TPMS)" (P.257) for details about the resetting procedure.)**
- **Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.**
- **The TPMS sensor may be damaged if it is not handled correctly. Be careful when handling the TPMS sensor.**
- **When replacing the TPMS sensor, the ID registration may be required. It is recommended you visit a NISSAN certified electric vehicle dealer for ID registration.**
- **Do not use a valve stem cap that is not specified by NISSAN. The valve stem cap may become stuck.**
- **Be sure that the valve stem caps are correctly fitted. Otherwise the valve may be clogged up with dirt and cause a malfunction or loss of pressure.**
- **Do not install a damaged or deformed wheel or tyre even if it has been repaired. Such wheels or tyres could have structural damage and could fail without warning.**
- **The use of retread tyre is not recommended.**

Wheel balance

Unbalanced wheels may affect vehicle handling and tyre life. Even with regular use, wheels can get out of balance. Therefore, they should be balanced as required.

Wheel balance service should be performed with the wheels off the vehicle. Spin balancing the wheels on the vehicle could lead to mechanical damage.

Care of wheels

See "Cleaning exterior" (P.430) for details about care of the wheels.

JACKING UP VEHICLE AND REPLACING TYRES

This section provides the information about the vehicle jack-up procedures and the tyre replacement.

You can temporarily fix a minor tyre puncture using the emergency tyre puncture repair kit. (See "Repairing flat tyre" (P.418).)

⚠ WARNING

- **Be sure to apply the parking brake firmly.**
- **Be sure to push the park button to engage the P (Park) position.**
- **Never change tyres when the vehicle is on a slope, ice or slippery area. This is hazardous.**
- **Never change tyres when the oncoming traffic is close to your vehicle. Call for professional road assistance.**

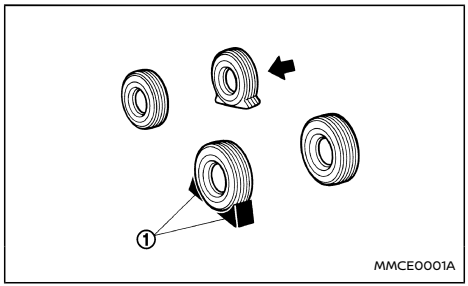
Preparing tools

The jack, jack rod and wheel bolt wrench are not equipped as standard with this vehicle. Contact a NISSAN certified electric vehicle dealer about acquiring the tools.

CAUTION

Do not touch floor metal directly. Doing so could result in any burns.

Blocking wheels



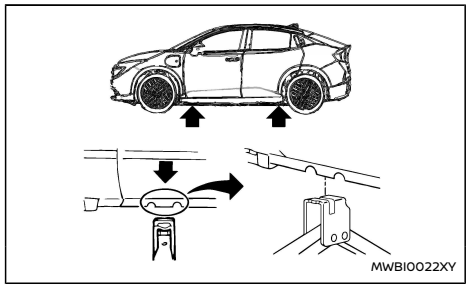
⚠ WARNING

Be sure to block the appropriate wheel to prevent the vehicle from moving, which may cause personal injury.

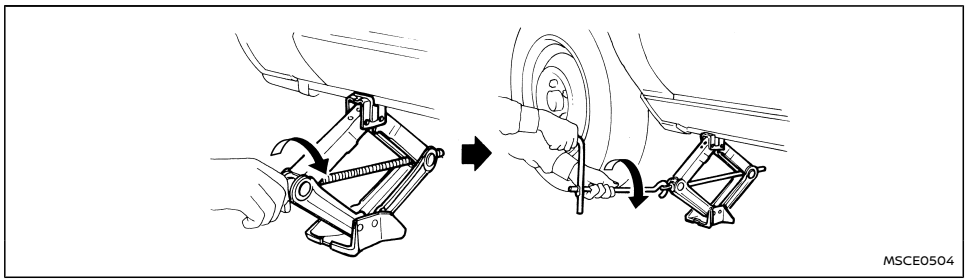
Place suitable blocks ① at both the front and back of the wheel diagonally opposite the flat tyre ⬅ to prevent the vehicle from moving when it is jacked up.

Removing tyre

Jacking up vehicle:



jack-up points

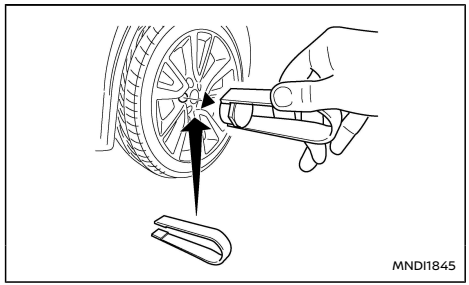

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⚠ WARNING

- **Be sure to read and follow the instructions in this section.**
- **DO NOT GET UNDER A VEHICLE THAT IS SUPPORTED BY A JACK.**
- **Never use a jack which was not provided with your vehicle.**
- **The jack, which is provided with your vehicle, is designed only to lift your vehicle during a tyre change. Do not use the jack provided with your vehicle on other vehicles.**
- **Never jack up the vehicle at a location other than the jack-up point that is specified.**
- **Never lift the vehicle more than necessary.**
- **Never use blocks on or under the jack.**
- **Never start or run the EV system while the vehicle is on the jack. The vehicle may move suddenly, and this may cause an accident.**
- **Never allow passengers to remain in the vehicle while the tyre is off the ground.**
- **Be sure to read the caution label attached to the jack body before using.**
- **When jacking up the vehicle, be sure to apply the parking brake.**

1. Remove the plastic cover from the jack-up point by rotating yellow clips.
2. Place the jack directly under the jack-up point as illustrated so that the top of the jack contacts the vehicle at the jack-up point.

   The jack should be placed on firm level ground.
3. Align the jack head between the two notches located at the jack-up point of either the front or the rear section.
4. Fit the groove of the jack head between the notches as shown.
5. **Alloy wheels (where fitted):** Alloy wheel bolts have a plastic cap that can be removed using tweezers (where fitted) from the tool kit.


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   Loosen each wheel bolt, anticlockwise, one or two turns with the wheel bolt wrench.

   Do not remove the wheel bolts until the tyre is off the ground.
6. Carefully raise the vehicle until the clearance between the tyre and ground is achieved.
7. To lift the vehicle, securely hold the jack lever and rod with both hands and turn the jack lever.

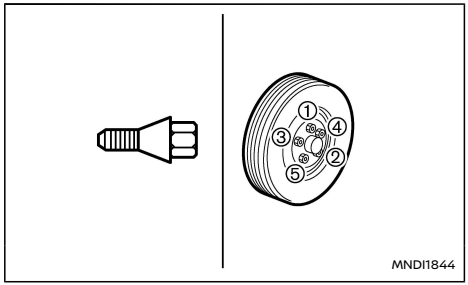
Removing tyre:

1. Remove the wheel bolts.
2. Remove the damaged tyre.

CAUTION

The tyre is heavy. Be sure that your feet are clear from the tyre and use gloves as necessary to avoid injury.

Installing tyre



⚠ WARNING

- **Never use wheel bolts which are not provided with your vehicle. Incorrect wheel bolts or improperly tightened wheel bolts may cause the wheel to become loose or come off. This could cause an accident.**
- **Never use oil or grease on the wheel bolts. This may cause the wheel bolts to become loose.**

1. Clean any mud or dirt from the surface between the wheel and hub.
2. Carefully put the tyre on and tighten the wheel bolts with your fingers. Check that all the wheel bolts contact the wheel surface horizontally.
3. Tighten the wheel bolts alternately and evenly, more than 2 times in the sequence illustrated (① - ⑤), with the wheel bolts wrench, until they are tight.
4. Lower the vehicle slowly until the tyre touches the ground.
5. Tighten the wheel bolts securely, with the wheel bolts wrench, in the sequence illustrated.
6. Lower the vehicle completely.

Tighten the wheel bolts to the specified torque with a torque wrench as soon as possible.

Wheel bolt tightening torque:
113 N·m (12 kg-m, 83 lb-ft)

The wheel bolts must be kept tightened to specification at all times. It is recommended that the wheel bolts be tightened to specification at each lubrication interval.

- After adjusting the tyre pressure, the TPMS must be reset. (See "Tyre Pressure Monitoring System (TPMS)" (P.257) for details about the resetting procedure.)
- After adjusting tyre pressure to the COLD tyre pressure, the display of the tyre pressures may show higher pressure than the COLD tyre pressure after the vehicle has been driven more than 1.6 km (1 mile). This is because the tyre pressurises as tyre temperature rises. This does not indicate a system malfunction.

Stowing damaged tyre and tools

⚠ WARNING

Be sure that the tyre, jack and tools used are properly stored after use. Such items can become dangerous projectiles in an accident or sudden stop.

EMERGENCY TYRE PUNCTURE REPAIR KIT

The emergency tyre puncture repair kit is supplied to the vehicle instead of a spare tyre. The kit must be used for temporarily fixing a minor tyre puncture. After using the repair kit, see a NISSAN certified electric vehicle dealer as soon as possible for tyre inspection and repair/replacement.

See "Flat tyre" (P.417) for more details.

MEMO

9 Technical information

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RECOMMENDED FLUIDS/LUBRICANTS AND CAPACITIES

The following are approximate capacities. The actual refill capacities may be slightly different. When refilling, follow the procedure that is described in the "8. Maintenance and do-it-yourself" section to determine the proper refill capacity.

Fluid type		Capacity (approximate)			Recommended Fluids/Lubricants
		Metric Measure	US Measure	Imperial Measure	
Cooling system coolant	w/o PTC	8.6 L	9 qt	7-1/2 qt	· Genuine NISSAN Coolant or equivalent in its quality · Use Genuine NISSAN Coolant or equivalent in its quality, in order to avoid possible aluminium corrosion within the cooling system caused by the use of non-genuine coolant. Note that any repairs for the incidents within the cooling system while using non-genuine coolant may not be covered by the warranty even if such incidents occurred during the warranty period.
	w/ PTC	8.8 L	9-1/3 qt	7-3/4 qt	
	Volume of reservoir at max level	0.7	6/8 qt	5/8 qt	
Reduction gear fluid		1.4 L	1-1/2 qt	1-1/4 qt	· Genuine NISSAN Matic S ATF · Using reduction gear oil other than Genuine NISSAN Matic S ATF will cause deterioration in drivability and reduction gear durability, and may damage the reduction gear, which is not covered by the warranty.
Brake fluid		Refill to the proper oil level according to the instructions in the "8. Maintenance and do-it-yourself" section.			· Genuine NISSAN Brake Fluid or equivalent DOT4 · Never mix different types of fluids.
Multi-purpose grease		—	—	—	· NLGI No. 2 (Lithium soap base)
Air conditioning system refrigerant		0.900 kg (900 g) heat pump 0.500 kg (500 g) heat pump less	—	—	· HFO-1234yf (R-1234yf)
Air conditioning system lubricants		—	—	—	· ND-OIL 11 or equivalent

AIR CONDITIONER SYSTEM REFRIGERANT AND LUBRICANT

The air conditioner system of your vehicle must be charged with the specified refrigerant HFO-1234yf (R-1234yf) and the lubricant AC system oil ND-OIL 11 or equivalent. Use of any other refrigerants or lubricants will cause severe damage, and you may need to replace your vehicle's entire air conditioner system.

The release of refrigerants into the atmosphere is prohibited in many countries and regions. The refrigerant in your vehicle contains fluorinated greenhouse gases (GWP 0.501, CO2eq 0.00045t) with heat pump or (GWP 0.501, CO2eq 0.00025t) for heat pump less. It will not harm the Earth's ozone layer. However, it may contribute in a small part to the global warming effect. NISSAN recommends that the refrigerant be appropriately recovered and recycled. Contact a NISSAN certified electric vehicle dealer when servicing the air conditioner system. Air conditioner system should only be serviced by trained and certified technicians to ensure proper and safe operation (SAE J2845). Only new and SAE J2842 certified evaporator(s) or inner condenser (where fitted) shall be used as replacement parts. A damaged or leaking air conditioning evaporator or inner condenser (where fitted) shall never be repaired or replaced with one removed from a used or salvaged vehicle. To replace a damaged or leaking evaporator or inner condenser (where fitted), use only new and SAE J2842 certified evaporator(s). It is recommended that you visit a NISSAN certified electric vehicle dealer when servicing your air conditioner system.

SPECIFICATIONS

CHARGING SYSTEM

Rated input voltage	AC220V - AC230V (single-phase) AC380V - AC400V (3-phase) (where fitted)	
Rated input frequency	50Hz/60Hz	
Maximum rated current	32A	
Sensitive current of GFI (Ground Fault Interrupter) circuit breaker in NISSAN Genuine portable type EVSE (Electric Vehicle Supply Equipment) (where fitted)	15mA	
Charging modes / Type of connection	Mode 2 / Case B (Normal charge with NISSAN Genuine portable type EVSE - where fitted) Mode 3 / Case B/C (Normal charge with public charging station, etc.) Mode 4 / Case C (DC fast charge)	
Required installation (over current protection)	The methods of protection against over current and over voltage shall be in accordance with national codes. Suitable over current protection devices for the wiring of houses or buildings shall be installed.	
IP Degree	IP44: When the NISSAN EVSE (where fitted) is connected to the normal charge port.	
Operating temperature	Same as vehicle operating temperature	
Storage temperature	Same as vehicle storage temperature	
Altitude	Up to 3,000 m (9,843 ft)	
Applicable standard	IEC61851-1 IEC62752* EN61000-6-1 EN61000-6-2 EN61000-6-3 EN61000-6-4	IEC62196-1 IEC62196-2 IEC62196-3
Adaptors	Do not use an extension cable or electrical adaptor.	

*: NISSAN Genuine portable type EVSE (where fitted)

MOTOR

Model	YM52

BATTERY SPECIFICATION

	AFD	HE
Battery type	Li-ion liquid cooled	
Nominal voltage (V)	372	353
Capacity (kWh)	52.9	75.1
Operating temperature range (°C)	-30	60
Storage temperature range (°C)	-40	70

WHEELS AND TYRES

	Standard	Spare
Tyre size	195/60R18 96H	-
	215/55R18 99H	
	235/45R19 99V	

		Size	Offset Metric measure	Offset US measure
Road wheel	Aluminium	18 x 7J (fully painted)	50 mm	1.97 in
		18 × 7J (diamond cut)	50 mm	1.97 in
		19 × 7.5J	50 mm	1.97 in
Spare	- (**)	- (*)	- (*)	- (*)

*: The emergency tyre puncture repair kit is supplied.

TYRE PRESSURE

	Size	Pressure (kPa)	Pressure (bar)	Pressure (psi)
Front original tyre	195/60 R18	280	2.8	41
		300 (for a driver + 3 or more passengers)	3.0 (for a driver + 3 or more passengers)	44 (for a driver + 3 or more passengers)
	215/55 R18	280	2.8	41
		300 (for a driver + 3 or more passengers)	3.0 (for a driver + 3 or more passengers)	44 (for a driver + 3 or more passengers)
	235/45 R19	260	2.6	38
		300 (for a driver + 3 or more passengers)	3.0 (for a driver + 3 or more passengers)	44 (for a driver + 3 or more passengers)

Rear original tyre	195/60 R18	280	2.8	41
		320 (for a driver + 3 or more passengers)	3.2 (for a driver + 3 or more passengers)	46 (for a driver + 3 or more passengers)
	215/55 R18	280	2.8	41
		300 (for a driver + 3 or more passengers)	3.0 (for a driver + 3 or more passengers)	44 (for a driver + 3 or more passengers)
	235/45 R19	260	2.6	38
		300 (for a driver + 3 or more passengers)	3.0 (for a driver + 3 or more passengers)	44 (for a driver + 3 or more passengers)

DIMENSIONS

Unit: mm / in

Overall length	Metric measurement	4,350 mm
	Imperial measurement	171.26 in
Overall width	Metric measurement	1,812 mm (without mirrors) 2,098 mm (with mirrors
	Imperial measurement	71.3 in (without mirros) 82.6 in (with mirrors)
Overall height	Metric measurement	1,548 mm (to shark fin)
	Imperial measurement	60.9 in (to shark fin)
Front tread	Metric measurement	1,574 mm
	Imperial measurement	62 in
Rear tread	Metric measurement	1,564 mm
	Imperial measurement	61.6 in
Wheelbase	Metric measurement	2,690 mm
	Imperial measurement	105.9 in

WHEN TRAVELLING OR REGISTERING IN ANOTHER COUNTRY

When planning to travel in another country or region, you should first find out if the charging equipment is compatible with that country's electrical system.

When transferring the registration of your vehicle to another country, state, province or district, contact the appropriate authorities to find out that the vehicle complies with the local legal requirements.

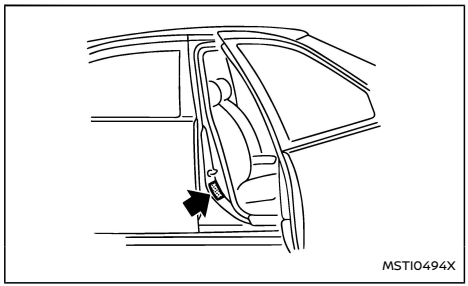
The laws and regulations for motor vehicle safety standards vary according to the country, state, province or district; therefore, vehicle specifications may differ.

When any vehicle is to be taken into another country, state, province or district and registered, its modifications, transportation, and registration are the responsibility of the user. NISSAN is not responsible for any inconvenience that may result.

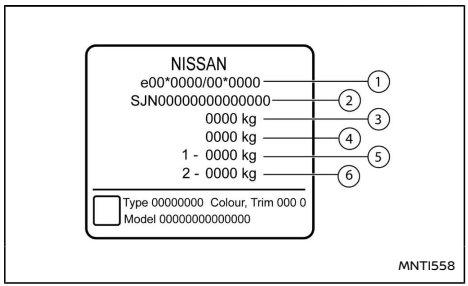
VEHICLE IDENTIFICATION

It is prohibited to cover, paint, weld, cut, drill, alter or remove the Vehicle Identification Number (VIN).

VEHICLE IDENTIFICATION LABEL



The vehicle identification label is affixed on the B pillar as shown



① Type approval number

② Vehicle Identification Number (VIN)

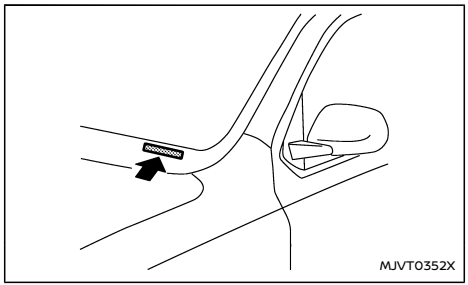
③ Maximum Gross Vehicle Weight

④ Maximum Laden Mass of the Combination

⑤ Maximum mass on the axle front

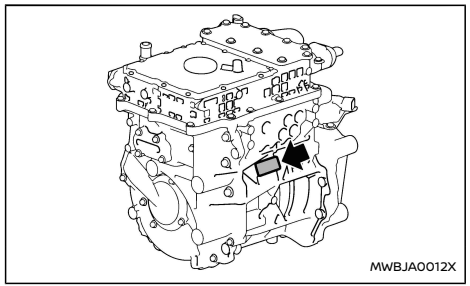
⑥ Maximum mass on the axle rear

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

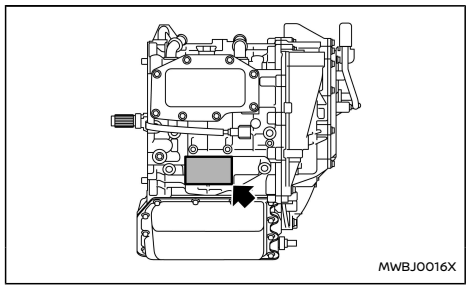


The vehicle identification number plate is attached as shown. This number is the identification for your vehicle and is used in the vehicle registration.

TRACTION MOTOR SERIAL NUMBER



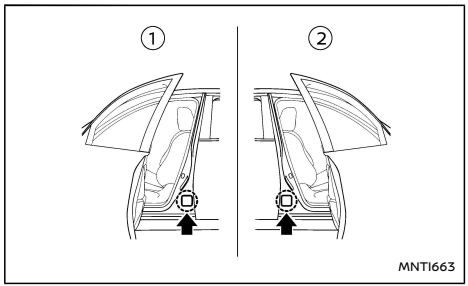
Front traction motor



Rear traction motor (where fitted)

The serial number of the traction motor is stamped on the traction motor as shown.

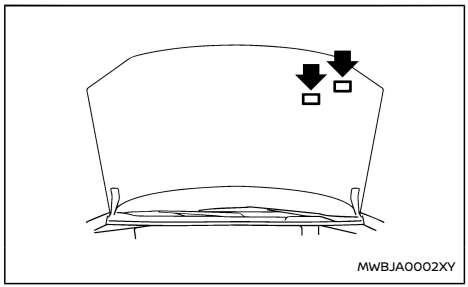
TYRE PLACARD



① Left Hand Drive models
② Right Hand Drive models

The cold tyre pressures are shown on the tyre placard affixed to the driver's side B pillar.

AIR CONDITIONER SPECIFICATION LABEL



The air conditioner specification label(s) are attached to the underside of the bonnet as shown.

Air conditioner specification label symbols:		
Symbol Name	Reference	Graphic
Caution	ISO 7000 0434	
Air Conditioning System (MAC: Mobile air conditioning system)	ISO 2575 D01	
MAC System Lubricant Type (PAG–POE)		
Requires Registered Technician to Service MAC System		
Flammable Refrigerant		

INSTALLATION OF AN RF-TRANSMITTER

For countries conforming to UN regulation No.10 or equivalent:

The installation of an RF transmitter in your vehicle could affect electric equipment systems. Be sure to check with your NISSAN certified electric vehicle dealer for precautionary measures or special instructions regarding installation. Upon request, your NISSAN certified electric vehicle dealer will provide the detailed information (frequency band, power, antenna position, installation guide, etc.) regarding installation.

EVENT DATA RECORDERS (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating
- Whether or not the driver and passenger safety belts were buckled/fastened
- How far (if at all) the driver was depressing the accelerator and/or brake pedal
- How fast the vehicle was travelling
- Sounds are not recorded

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE: EDR data are recorded by your vehicle only if a nontrivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

EDR data will only be accessed with the consent of the vehicle owner or lessee or as otherwise required or permitted by law.

ADDITIONAL DATA RECORDING (on vehicles equipped with optional ProPILOT Assist)

If your vehicle is equipped with the optional ProPILOT Assist, it will also be equipped with supplemental data recording function intended to assist in understanding how ProPILOT Assist performs in certain non-trivial crash or near-crash scenarios. Specifically, supplemental recording is designed to capture the following:

- Driver operational status of the accelerator, brakes, steering, etc.
- Detection status of a vehicle ahead and lane markers
- Vehicle information including distance to vehicle ahead and lateral position
- Information on the operation of the ProPILOT Assist and other crash avoidance features
- ProPILOT Assist malfunction diagnosis information
- External images from the multi-sensing front camera (Available only when the SRS air bag or Intelligent Emergency Braking system is activated)

The ProPILOT Assist does not record conversations, sounds or images of the inside of the vehicle.

To read this supplemental data, special equipment is required and access to the vehicle or the recording unit is needed. This supplemental data will only be accessed with the consent of the vehicle owner or lessee or as otherwise required or permitted by law. If downloaded, NISSAN and third parties entrusted by NISSAN may use the data recorded for the purpose of improving NISSAN's vehicle safety performance.

NISSAN and third parties entrusted by NISSAN will

ADDITIONAL DATA RECORDING (for TSR system)

not disclose/provide the recorded data to a third party except:

- With the consent of the vehicle owner or with the consent of the lessee
- In response to an official request from law enforcement, court order, governmental agency, or other legally enforceable request
- For research purposes after the data is modified such that it is no longer tied to a specific vehicle or vehicle owner (anonymised)

The TSR system is equipped with usage record collection capability that is required by regulations. It is designed to record the data of driving time and distance with the TSR operation.

The collected data will be accessed with the consent of the vehicle owner when the vehicle is garaged in a dealer. Then the collected data will be converted to statistical information which does not enable the identification of the specific individual, and be submitted only to the European Commission.

RADIO APPROVAL NUMBER AND INFORMATION

FOR EUROPE

Radio frequency approval

All radio frequency products fitted to the vehicle range during production conform to the requirements of the Radio Equipment Directive (RED) 2014/53/EU.

The countries covered by this directive, or those which accept it, are: Albania, Austria, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, French Guiana, Georgia, Germany, Greece, Guadeloupe, Hungary, Iceland, Ireland, Italy, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Martinique, Mayotte, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Reunion, Romania, Saint Pierre & Miquelon, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Tuvalu, United Kingdom.

VEHICLE RADIO FUNCTIONS		
Frequency Range	**Technology**	**Power/Magnetic Field**
125 kHz (119 – 135 kHz)	Remote Keyless Entry Transponder Ring	≤ 42 dBµA/m at 10m
433 MHz (433.05 – 434.79 MHz)	Tyre Pressure Monitoring	≤ 10 mW e.r.p.
433.92 MHz (433.05 – 434.79 MHz)	Remote Keyless Entry	≤ 10 mW e.r.p.
20 kHz (9 – 90 kHz)	Keyless Go system	≤ 72 dBµA/m at 10m
2.4 GHz (2400 – 2483.5 MHz)	Bluetooth®, Wi-Fi	≤ 100 mW e.i.r.p.
824 – 894 MHz	GSM 850 (2G)	≤ 39 dBm e.i.r.p.
880 – 960 MHz	GSM 900 (2G)	≤ 39 dBm e.i.r.p.
1710 – 1880 MHz	GSM 1800 (2G)	≤ 36 dBm e.i.r.p.
1850 – 1890 MHz	GSM 1900 (2G)	≤ 33 dBm e.i.r.p.
1922 – 2168 MHz	W-CDMA Band I (3G)	≤ 24 dBm e.i.r.p.
24.05 – 24.25 GHz	24 GHz ISM Radar	≤ 100 mW e.i.r.p.
24.25 – 26.65 GHz	24 GHz UWB Radar	≤ -41,3 dBm/MHz e.i.r.p. mean ≤ 0 dBm/50 MHz e.i.r.p. peak
76 – 77 GHz	77 GHz Radar	≤ 55 dBm e.i.r.p.

Intelligent Key

Hereby, Continental declares that the radio equipment type TXPZ1 is in compliance with Directive 2014/53/EU & UKCA requirement. The full text of the EU & UKCA declaration of conformity is available at the following internet address:

https://continental-homologation.com/en-gl/Nissan

Intended use: Remote key fob

Manufacturer:

Continental Automotive GmbH

Siemensstrasse 12

93055 Regensburg

Germany

Frequency band: 433.92 MHz

Maximum transmitter power: -12 dBm

Hands-Free Module

Hereby, Continental declares that the radio equipment type HFM403 is in compliance with Directive 2014/53/EU & UKCA requirement.

The full text of the EU & UKCA declaration of conformity is available at the following internet address:

https://continental-homologation.com/en-gl/Nissan

Intended use: Hand Free Module

Manufacturer:

Continental Automotive GmbH,

Siemensstraße 12

93055 Regensburg

Germany

Frequency band: 433.92 MHz.

Maximum transmitter power: —12 dBm

BCM (Body Control Module)

Hereby, Continental declares that the radio equipment type 40406557 is in compliance with Directive 2014/53/EU & UKCA requirement. The full text of the EU & UKCA declaration of conformity is available at the following internet address:

https://continental-homologation.com/en-gl/Nissan

Manufacturer:

Continental Automotive GmbH

Siemensstrasse 12

93055 Regensburg

Germany

Tyre Pressure Monitoring System (TPMS) transmitter

Hereby, PACIFIC INDUSTRIAL CO., LTD declares that the radio equipment type PMV G-100 is in compliance with Directive 2014/53/EU requirement.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/

- Manufacturer name, address:
  PACIFIC INDUSTRIAL CO., LTD
  1300–1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503–2397 JAPAN
- Operating frequency band: 433.05 — 434.79 MHz.
- Maximum radio—frequency power: 92.8 dBμV/m@3m(Radiated)

For UK:

Hereby, PACIFIC INDUSTRIAL CO., LTD declares that the radio equipment type PMV G-100 is in compliance with Radio Equipment Regulations 2017 (S.I. 2017/1206).

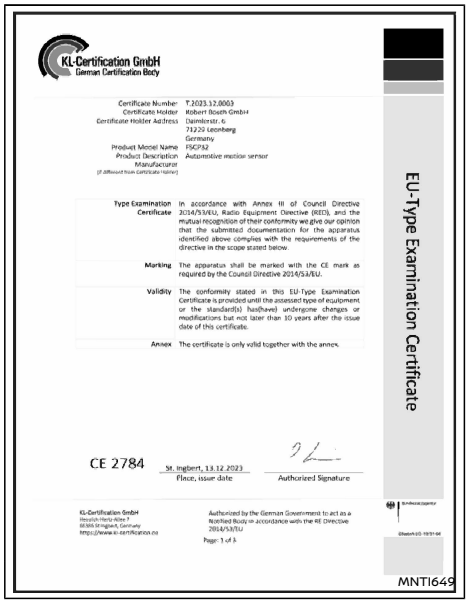
The full text of the declaration of conformity is available at the following internet address:

https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/gbr/

- Manufacturer name, address:
  PACIFIC INDUSTRIAL CO., LTD
  1300–1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503–2397 JAPAN
- Operating frequency band: 433.05 — 434.79 MHz.
- Maximum radio—frequency power: 92.8 dBμV/m@3m(Radiated)

Radar systems

Front radar sensor:



Simplified EU declaration of conformity	Hereby, Robert Bosch GmbH declares that the radio equipment type F5CP32 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://doc-ita.bosch.com

Hereby, Robert Bosch GmbH declares that the radio equipment type F5CP32 is in compliance with Radio Equipment Regulations 2017. The full text of the UK declaration of conformity is available at the following internet address:
https://doc-ita.bosch.com

Side radar sensor:

Simplified EU declaration of conformity	Hereby, Aptiv Services Deutschland GmbH declares that the radio equipment type 6TR is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.aptiv.com/en/automotive-homologation/eu-doc
	Frequency band(s) in which the radio equipment operates: 76-77 GHz
	Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates: 28 dBm EIRP

Hereby, Aptiv Services Deutschland GmbH declares that the radio equipment type 6TR is in compliance with radio regulation 2017. The full text of the UK declaration of conformity is available at the following internet address:
https://www.aptiv.com/en/automotive-homologation/uk-doc.



For Israel

TCU (Telematics Control Unit)

This device must be supplied by a limited power source according to EN 62368-1. The clearance and protected creepage distances required by the final product must be withheld when the module is installed. The cooling of the final product shall not negatively be influenced by the installation of the module.

The VALEO Telematik und Akustik GmbH states that the type of radio equipment: The main unit with mobile technology.

Model: A-IVC-EU-01 complies with the Technical Regulations of the Radio Equipment Directive 2014/53/EU (RED);

- Importer name, Address:
  NISSAN AUTOMOTIVE EUROPE S.A.S.
  8, rue Jean Pierre Timbaud
  78180, Montigny-le-Bretonneux
  France

The full text of the declaration of conformity is available on the website at the following address: https://www.valeo.com/declaration-of-conformity

Maximum Antenna Gain:

Band	Frequency	Maximum Power (dBm)	Max Antenna Gain (dBi)
GSM 900 (1 Tx slot)	880.2	33.00	9.48
GPRS 900 (1 Tx slot)	880.2	33.00	9.48
GPRS 900 (2 Tx slots)	880.2	32.00	7.46
GPRS 900 (3 Tx slots)	880.2	31.00	6.70
GPRS 900 (4 Tx slots)	880.2	30.00	6.46
EDGE 900 (1 Tx slot)	880.2	28.00	9.48
EDGE 900 (2 Tx slots)	880.2	27.00	7.46
EDGE 900 (3 Tx slots)	880.2	26.00	6.70
EDGE 900 (4 Tx slots)	880.2	25.00	6.46
GSM 1800 (1 Tx slot)	1710.2	30.00	15.36
GPRS/EDGE 1800 (1 Tx slot)	1710.2	30.00	15.36
GPRS/EDGE 1800 (2 Tx slots)	1710.2	30.00	12.35
GPRS/EDGE 1800 (3 Tx slots)	1710.2	29.00	11.59
GPRS/EDGE 1800 (4 Tx slots)	1710.2	28.00	11.34
EDGE 1800 (1 Tx slot)	1710.2	27.00	15.36
EDGE 1800 (2 Tx slots)	1710.2	26.00	12.35
EDGE 1800 (3 Tx slots)	1710.2	25.00	11.59

Band	Frequency	Maximum Power (dBm)	Max Antenna Gain (dBi)
EDGE 1800 (4 Tx slots)	1710.2	24.00	11.34
UMTS FDD I	1922.4	24.00	12.84
UMTS FDD V	826.4	24.00	9.17
UMTS FDD VIII	882.4	24.00	9.46
LTE FDD1	1922.5	24.00	12.84
LTE FDD3	1710.7	24.00	12.33
LTE FDD5	824.7	24.00	9.17
LTE FDD7	2502.5	24.00	13.01
LTE FDD8	880.7	24.00	9.45
LTE FDD20	834.5	24.00	9.22
LTE FDD28	704.5	24.00	8.48
LTE TDD38	2572.5	24.00	13.01
LTE TDD40	2302.5	24.00	13.01

NOTE:

The maximum gain used for this calculation is based on a distance of 20cm to the Human body.

CE Approval details

Description	Supplier	Supplier Address	UKCA Certificate #	Link to Certificate	Importer	Importer Address
Telematics Control Unit (TCU)	Continental	Continental Automotive Singapore Pte Ltd Continental Building 80 Boon Keng Road Singapore 339780	Refer to Link	https://www.continental-homologation.com/en-gl/Nissan	Nissan Automotive Europe (NAE)	Montigny-le-Bretonneux
Telematics Control Unit (TCU) Model A-IVC-EU-01	Valeo	VALEO Telematik und Akustik GmbH Max-Planck-strasse 32, 61381 Friedrichsdorf, Germany	Refer to Link	https://www.valeo-client-portal.com/product-regulatory-compliance/		
Intelligent Key system control unit HFM401	Continental Automotive GmbH	Siemensstrasse 12, D-93055 Regensburg, Germany	Refer to Link	https://continental-homologation. com/en-gl/Nissan		
Passive Entry System Model TXPZ1 (Hand Unit)	Continental Automotive GmbH.	Continental Automotive GmbH Siemensstrasse 12 D-93055 Regensburg Germany	Refer to Link	https://www.continental-homologation.com/en-gl/Nissan		
Body Control Module (BCM) Model 40406557	Continental Automotive GmbH	Siemensstrasse 12, D-93055 Regensburg, Germany	Refer to Link	https://continental-homologation. com/en-gl/Nissan		
Tyre Pressure Monitoring System (TPMS) sensor Model PMV- G100	PACIFIC INDUSTRIAL CO., LTD.	1300–1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503–2397 JAPAN	Refer to Link	https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/		
Front radar sensor Model F5CP32	Robert Bosch GmbH	Daimlerstr. 6, 71229 Leonberg, Germany	Refer to Link	https://doc-ita.bosch.com		
Side radar sensor Model 6TR	Aptiv Services Deutschland GmbH	Am Technologiepark 1, D-42119 Wupertal, Germany	Refer to Link	https://www.aptiv.com/en/automotive-homologation/eu-doc		

FOR THE UNITED KINGDOM

UK
CA

Description	Supplier	Supplier Address	UKCA Certificate #	Link to Certificate	Importer	Importer Address
Telematics Control Unit (TCU)	Continental	Continental Automotive Singapore Pte Ltd Continental Building 80 Boon Keng Road Singapore 339780	Refer to Link	https://www.continental-homologation.com/en-gl/Nissan	Nissan Motors Great Britain (NMGB)	Rivers Office Park Denham Way Rickmansworth WD3 9YS
Telematics Control Unit (TCU) Model A-IVC-EU-01	Valeo	VALEO Telematik und Akustik GmbH Max-Planck-strasse 32, 61381 Friedrichsdorf, Germany	Refer to Link	https://www.valeo-client-portal.com/product-regulatory-compliance/		
Intelligent Key system control unit HFM401	Continental Automotive GmbH	Siemensstrasse 12, D-93055 Regensburg, Germany	Refer to Link	https://continental-homologation. com/en-gl/Nissan		
Passive Entry System Model TXPZ1 (Hand Unit)	Continental Automotive GmbH.	Continental Automotive GmbH Siemensstrasse 12 D-93055 Regensburg Germany	Refer to Link	https://www.continental-homologation.com/en-gl/Nissan		
Body Control Module (BCM) Model 40406557	Continental Automotive GmbH	Siemensstrasse 12, D-93055 Regensburg, Germany	Refer to Link	https://continental-homologation. com/en-gl/Nissan		
Tyre Pressure Monitoring System (TPMS) sensor Model PMV- G100	PACIFIC INDUSTRIAL CO., LTD.	1300–1 Yokoi, Godo-cho, Anpachi-gun, Gifu, 503–2397 JAPAN	Refer to Link	https://www.pacific-ind.co.jp/eng/products/car/tpms/doc/etc/gbr/		
Front radar sensor Model F5CP32	Robert Bosch GmbH	Daimlerstr. 6, 71229 Leonberg, Germany	Refer to Link	https://doc-ita.bosch.com		
Side radar sensor Model 6TR	Aptiv Services Deutschland GmbH	Am Technologiepark 1, D-42119 Wupertal, Germany	Refer to Link	https://www.aptiv.com/en/automotive-homologation/uk-doc		

SOFTWARE INFORMATION

- Open Source Software Licenses
  https://www.oss-valeo.com/nissan/default.html
  http://opensourceautomotive.com/IC/tZ7T3eE6AiV4/

10 Regulatory information

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ENVIRONMENT (End of Life Vehicles)

Today, the efforts made by NISSAN to fulfil our responsibilities to protect and sustain the environment are far reaching. Within NISSAN, we promote the highest levels of practice in every area of operations.

COMPLIANCE AT EVERY STEP

NISSAN focuses on ensuring that end of life vehicle components are reused, recycled or recovered as thermal energy, and guarantees compliance with EU legislation (the End of Life Vehicle Directive).

WE BUILD OUR VEHICLES WITH RECYCLING IN MIND

Reducing landfill waste, emissions, conserving natural resources, and enhancing recycling activities are emphasised daily in our manufacturing, sales and service operations and in the disposal of end of life vehicles (ELV).

Design phase

To reduce environmental impact we have developed your NISSAN vehicle to be 95% recyclable. We mark the components to facilitate dismantling, recycling and to reduce hazardous substances. We carefully verify and control substances of concern. We have already reduced to a minimum the cadmium, mercury and lead in your NISSAN vehicle. NISSAN includes recycled material in your vehicle and looks for opportunities to increase the percentage of recycled materials used.

Recycling

Recycle your end of life vehicle or its components. When your NISSAN reaches the end of its life and is no longer suitable for daily use, it still has value. You can help prevent waste affecting the environment by bringing your NISSAN to be recycled at our collection networks in your area. Our collection networks guarantee no cost for the treatment of your ELV. For further information on how and where to dispose of your ELV refer to your local knowledgeable LEAF repairer such as a NISSAN certified electric vehicle dealer or consult: www.nissan-europe.com. For information about the recycling or disposal of the Li-ion battery contact a knowledgeable LEAF repairer such as a NISSAN certified electric vehicle dealer.

CONSUMER AND USER SAFETY INFORMATION (REACh)

REACh is the chemical regulation in the EU, focusing on Registration, Evaluation, Authorisation and Restriction of Chemicals manufactured in or imported into the European Economic Area. Nissan complies with REACh obligations, and fully supports its underlying goals: to protect human health and reduce the environment from risks posed by chemicals. For more information, visit www.nissan-safetysheets.com. This website provides information on substances present in the Nissan product (s) that you buy, and recommendations for their safe use.

AIRBAG LABEL (where fitted)



NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

NE JAMAIS utiliser un dispositif de retenue pour enfant de type dos à la route sur un siège protégé par un AIRBAG ACTIVÉ placé devant lui. Cela peut entrainer la MORT de l'ENFANT ou des BLESSURES GRAVES.

Installieren Sie niemals ein entgegen der Fahrtrichtung angeordnetes Kinderrückhaltesystem auf einem Sitz mit aktiviertem Frontairbag. Es könnte zum Tod oder schweren Verletzungen des Kindes führen.

No instalar nunca los sistemas de retención para niños (sillitas de niño) de espaldas al sentido de la marcha en el asiento del pasajero protegido por un AIRBAG frontal ACTIVO. Esto puede provocar la MUERTE del niño o DAÑARLE SERIAMENTE.

«NON INSTALLARE MAI un seggiolino per bambini rivolto con verso opposto al senso di marcia su un sedile protetto da un AIRBAG frontale ATTIVO. In caso di incidente questo potrebbe risultare molto pericoloso per l'incolumità del bambino.»

Plaats nooit een kinderzitje achterstevoren op de passagiersstoel voorin als de airbags van de voorpassagier niet zijn uitgeschakeld. Dit kan ernstige of zelfs dodelijke verwondingen van het kind veroorzaken.

NUNCA utilize um sistema de retenção de criança virado para a traseira num banco protegido por um AIRBAG ACTIVO à sua frente, porque pode ocorrer MORTE ou FERIMENTOS GRAVES na CRIANÇA.

W żadnym przypadku NIE NALEŻY stosować fotelików dla dzieci skierowanych twarzą do tyłu przed siedzeniami chronionymi AKTYWNĄ PODUSZKĄ POWIETRZNĄ. Może to doprowadzić do POWAŻNYCH OBRAŻEŃ lub nawet ŚMIERCI DZIECKA.

NIKDY nepoužívejte dětskou sedačku směřující dozadu na sedadle s AKTIVNÍM čelním AIRBAGEM, mohlo by dojít k USMRCENÍ nebo VÁŽNÉMU ZRANĚNÍ DÍTĚTE.

Önünde AKTİF BİR HAVA YASTIĞI ile korununan bir koltuğa hiç bir zaman yüzü geriye bakan bir çocuk koltuğu KOYMAYIN, bu ÇOCUĞUN ÖLÜMÜNE veya CİDDİ ŞEKİLDE YARALANMASINA neden olabilir.

Nu folosiţi NICIODATĂ un scaun pentru copil cu spatele la direcţia de deplasare pe un scaun protejat de un AIRBAG ACTIV amplasat în faţa sa, deoarece există riscul de DECES sau RĂNIRE GRAVĂ a copilului.

SOHA ne használjon hátrafelé néző gyermekülést olyan ülésen, amelyet elölről AKTÍV LÉGZSÁK véd, mert az a GYERMEK HALÁLÁT vagy SÚLYOS SÉRÜLÉSÉT okozhatja.

"ΑΠΑΓΟΡΕΥΕΤΑΙ η τοποθέτηση παιδικού καθίσματος, με την πλάτη προς το εμπρόσθιο μέρος του αυτοκινήτου, στο κάθισμα του συνοδηγού, επειδή μπροστά του υπάρχει ΕΝΕΡΓΟΣ ΜΕΤΩΠΙΚΟΣ ΑΕΡΟΣΑΚΟΣ. Μπορεί να επέλθει, ΘΑΝΑΤΟΣ ή ΣΟΒΑΡΟΣ ΤΡΑΥΜΑΤΙΣΜΟΣ του ΠΑΙΔΙΟΥ".

Använd ALDRIG en bakåtvänd barnstol på ett säte som skyddas av en AKTIVERAD AIRBAG framför det; LIVSFARA eller risk för ALLVARLIGA SKADOR.

ÄLÄ KOSKAAN käytä kasvot taaksepäin suunnattua lastenistuinta istuimella, jossa on KÄYTÖSSÄ OLEVA TURVATYYNY. Seurauksena voi olla KUOLEMA tai LAPSEN VAKAVA LOUKKAANTUMINEN.

Brug ALDRIG et bagudvendt barnesæde på et sæde, der er beskyttet af en AKTIV AIRBAG foran det. Det kan resultere i DØD eller ALVORLIG PERSONSKADE på BARNET.

MNSY1042



NEMOJTE upotrebljavati sjedalicu za djecu okrenutu prema natrag na sjedalu ispred kojega se nalazi zaštićeni AKTIVNI ZRAČNI JASTUK, može doći do SMRTONOSNIH ili OZBILJNIH OZLJEDA za DIJETE.

NIKOLI ne namestite otroškega sedeža, obrnjenega v nasprotni smeri smeri vožnje, v primeru VKLOPLJENE varnostne blazine. To lahko povzroči OTROKOVO SMRT ali HUDE TELESNE POŠKODBE.

Никогда не устанавливайте обращенное назад детское удерживающее сиденье на переднем пассажирском сиденье при неотключенной подушке безопасности. Это может привести к смерти ребенка или к тяжелым повреждениям.

NIKDY nepoužívajte detskú sedačku smerujúcu dozadu na sedadle s AKTÍVNYM čelným AIRBAGOM, mohlo by prísť k USMRTENIU alebo VÁŽNEMU ZRANENIU DIEŤAŤA.

ÄRGE kasutage seljaga sõidusuunas laste turvatooli istmel, mille ees on AKTIIVNE TURVAPADI. LAPS võib saada TÕSISE KEHAVIGASTUSE või HUKKUDA.

NEIEVIETOJIET ar skatu pretēji braukšanas virzienam vērstu bērnu sēdeklīti šajā sēdeklī, ja tā priekšā uzstādītais GAISA SPILVENS ir AKTIVIZĒTS, – tas BĒRNAM var radīt NOPIETNAS TRAUMAS vai pat izraisīt BĒRNA NĀVI.

NUNCA utilize uma cadeirinha protetora para crianças voltada para a traseira em um assento que seja protegido por um AIR BAG ATIVO na frente do assento. Podem ocorrer MORTE ou FERIMENTOS GRAVES para a CRIANÇA.

NIEKADA nevežkite vaikų prie automobilio sėdynės atvirkščiai judėjimo krypčiai pritvirtintoje specialioje kėdutėje, jeigu ši sėdynė apsaugota VEIKIANČIA SAUGOS PAGALVE, nes VAIKUI kyla MIRTINAS ar SUNKAUS SUŽEIDIMO pavojus.

Ніколи не встановлюйте дитяче крісло спинкою вперед на сидінні, передня ПОДУШКА БЕЗПЕКИ якого не заблокована. Ризик ЗАГИБЕЛІ або ТЯЖКИХ ТРАВМ дитини.

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절대로 능동형 에어백이 전면에 설치된 좌석에 후향식 어린이 보호시트를 사용하지 마십시오. 어린이에게 심각한 상해를 입히거나 사망에 이르게 할 수 있습니다.

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MNSY1043

MEMO

MEMO

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SECURITY INFORMATION

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