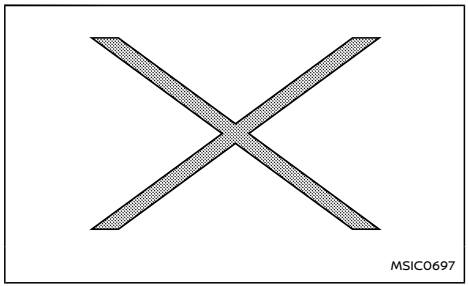
⚠ WARNING

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.

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.89).

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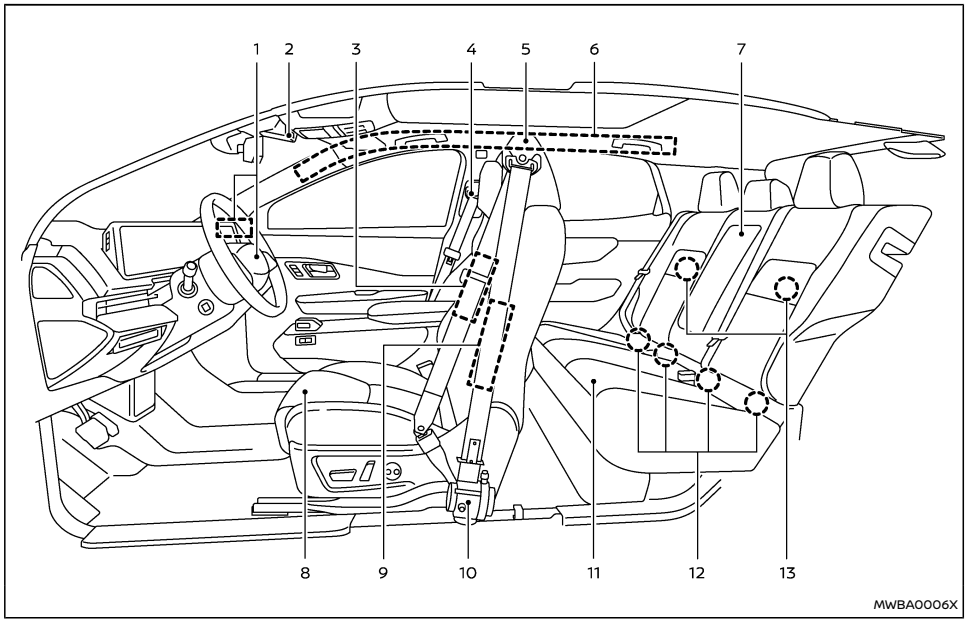
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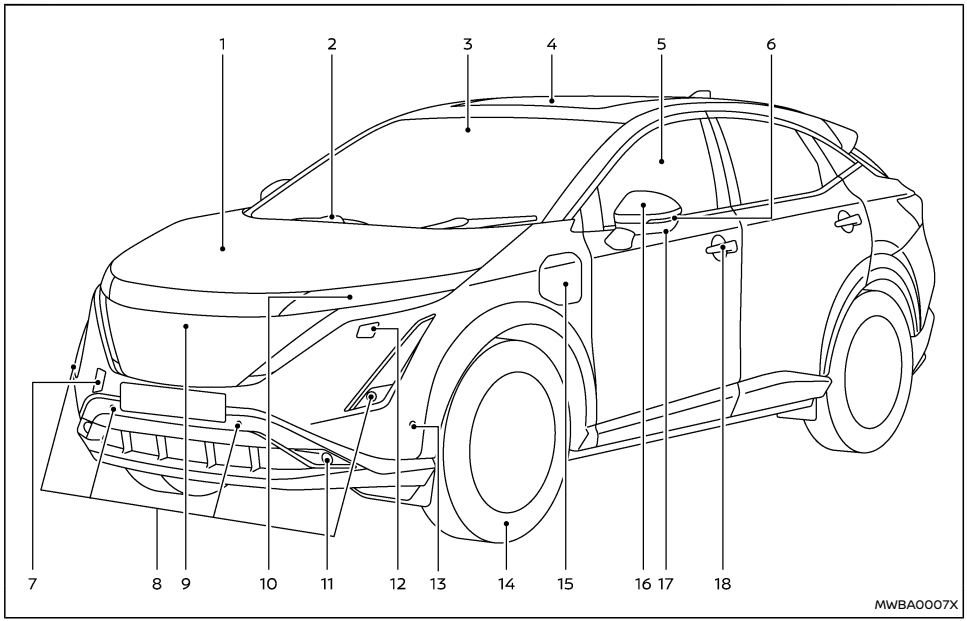
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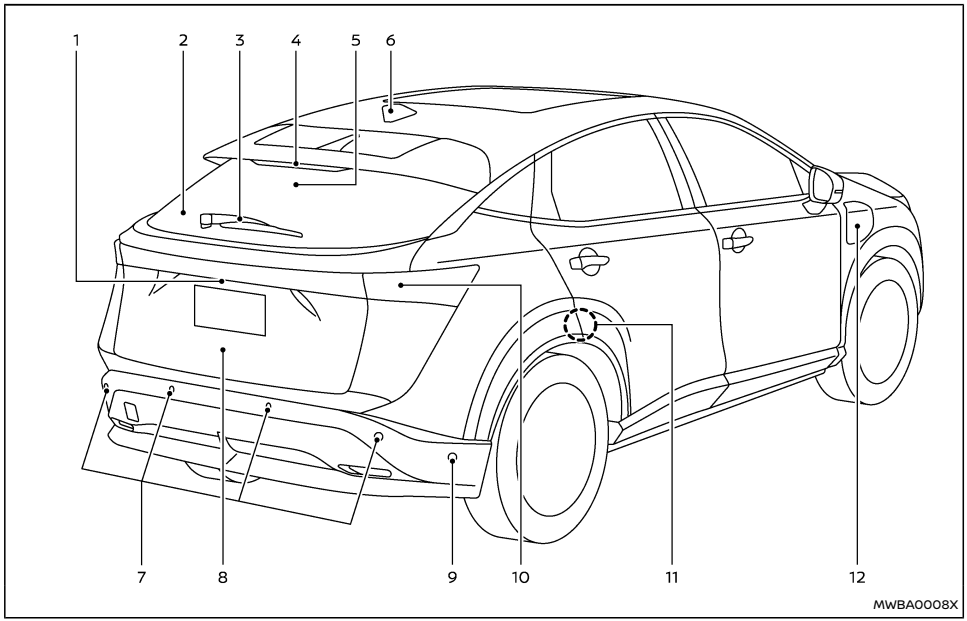
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4. Sunroof* (P.172)
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9. Front view camera* (P.222, P.400)
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*: where fitted

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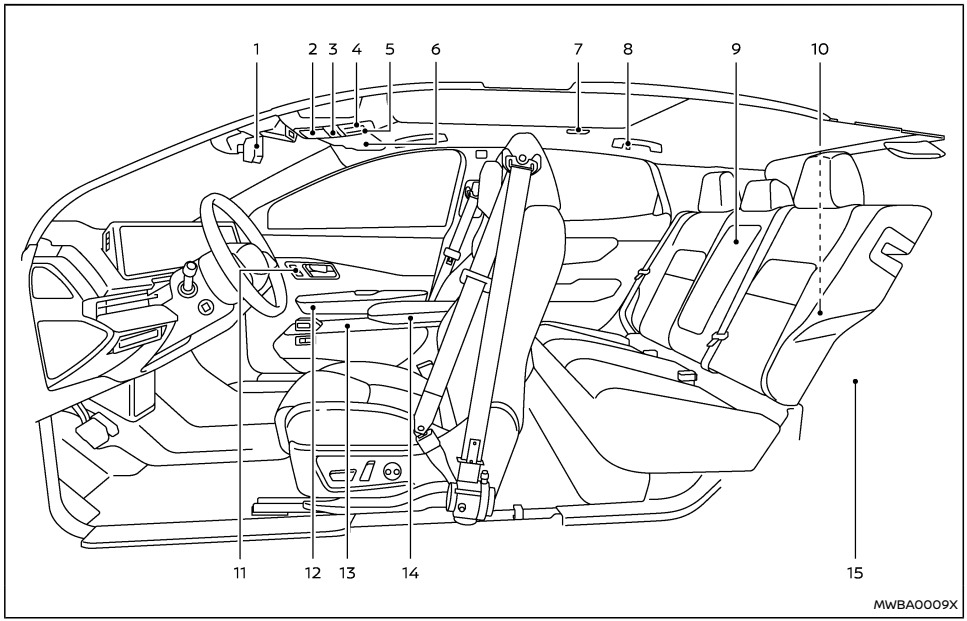


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*: where fitted

PASSENGER COMPARTMENT



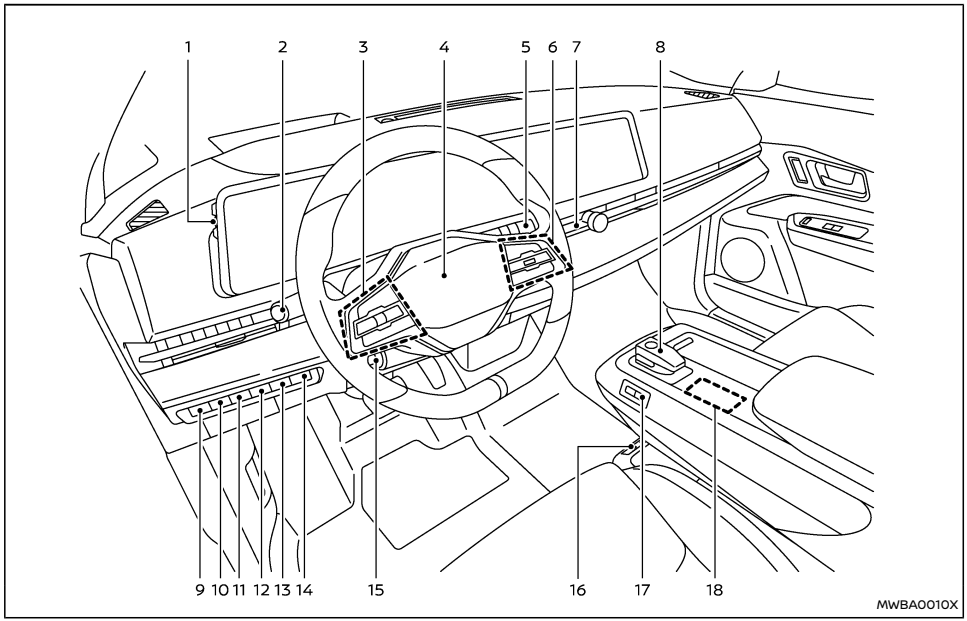
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    — Armrest (P.60)
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*: where fitted

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

COCKPIT

LEFT-HAND DRIVE (LHD) MODEL



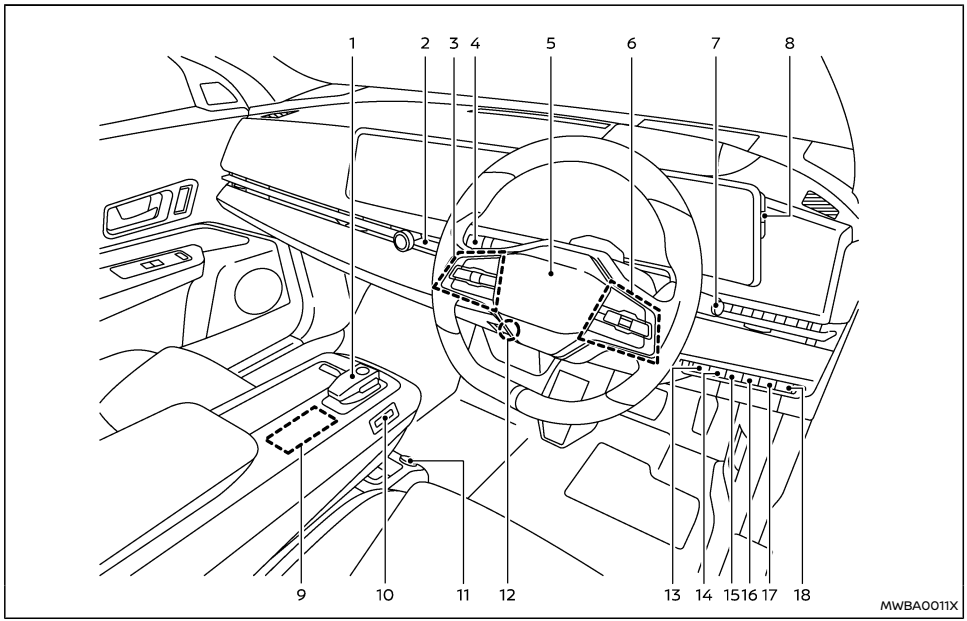
1. Instrument brightness control (P.108)
2. Headlight and turn signal switch (P.151)/Fog light switch (P.157)
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   - — Audio control**
   - — Vehicle information display control (P.120)
4. Steering wheel (P.198)
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5. Wiper and washer switch (P.148)
6. Steering-wheel-mounted controls (right side)
   - — Speed limiter switches (P.313)
   - — Cruise control switches* (P.315)
   - — Intelligent Cruise Control (ICC) switches* (P. 317)
   - — ProPILOT switch* (P.333, P.282, P.300)
   - — Bluetooth® Hands-Free Phone System switches**
   - — Voice Recognition system switch**
7. Hazard indicator flasher switch (P.422)
8. Shift lever/Park button (P.254)
9. Headlight aiming control switch* (P.156)
10. Steering Assist switch* (models with ProPILOT system) (P.333) or dynamic driver assistance switch* (models without ProPILOT system) (P.282, P.300)
11. Head Up Display (HUD) switch* (P.144)
12. Automatic brake hold switch (P.262)
13. Immediate charge switch (P.48)
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18. Haptic switches
    - — Drive Mode Selector (P.264)
    - — e-Pedal switch (P.258)
    - — ProPILOT Park switch* (P.400)
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*: where fitted

**: See the separate NissanConnect Owner's

Manual.

RIGHT-HAND DRIVE (RHD) MODEL



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2. Hazard indicator flasher switch (P.422)
3. Steering-wheel-mounted controls (left side)
   — Audio control**
   — Vehicle information display control (P.120)
4. Headlight and turn signal switch (P.151)/Fog light switch (P.157)
5. Steering wheel (P.198)
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6. Steering-wheel-mounted controls (right side)
   — Speed limiter switches (P.313)
   — Cruise control switches* (P.315)
   — Intelligent Cruise Control (ICC) switches* (P.317)
   — ProPILOT switch* (P.333, P.282, P.300)
   — Bluetooth® Hands-Free Phone System switches**
   — Voice Recognition system switch**
7. Wiper and washer switch (P.148)
8. Instrument brightness control (P.108)
9. Haptic switches
   — Drive Mode Selector (P.264)
   — e-Pedal switch (P.258)
   — ProPILOT Park switch* (P.400)
   — Flexible centre storage control switch* (P.166)
10. Power sliding armrest switch* (P.60)
11. Power outlet (P.160)
12. Tilt and telescopic steering wheel control (P.198)
13. Power liftgate switch* (P.193)
14. Immediate charge switch (P.48)
15. Automatic brake hold switch (P.262)
16. Head Up Display (HUD) switch* (P.144)
17. Steering Assist switch* (models with ProPILOT system) (P.333) or dynamic driver assistance switch* (models without ProPILOT system) (P.282, P.300)

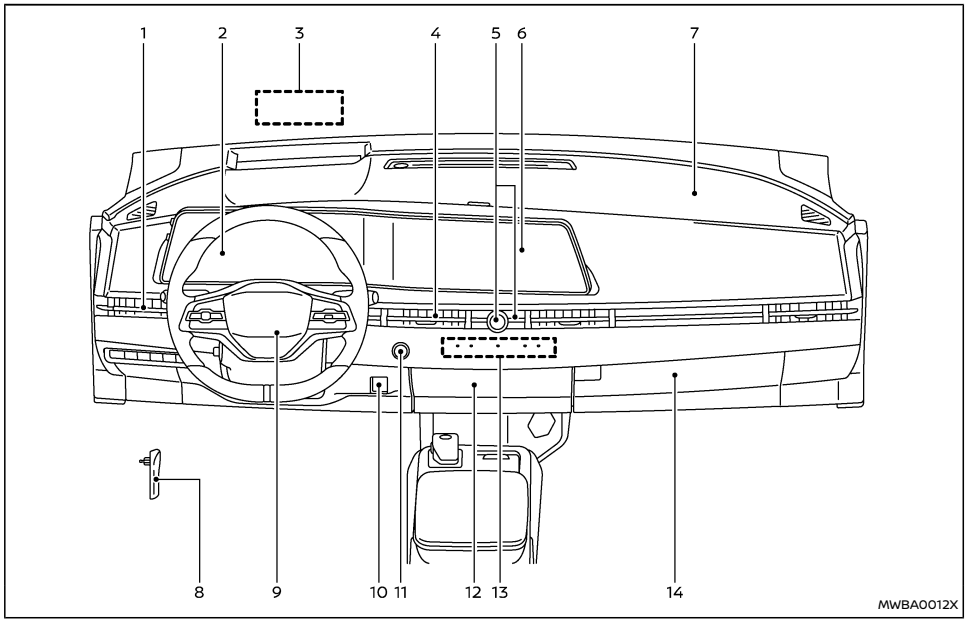
18. Headlight aiming control switch* (P.156)

*: where fitted

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

INSTRUMENT PANEL

LEFT-HAND DRIVE (LHD) MODEL

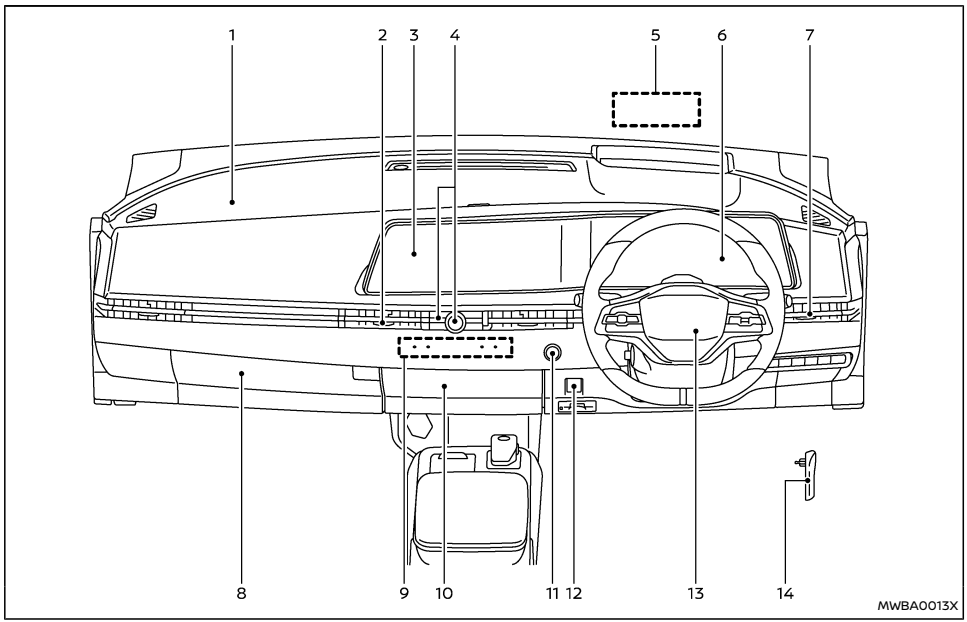


1. Side vent (P.234)
2. Meters and gauges (P.105)/Vehicle information display (P.120)/Clock (P.143)
3. Head Up Display (HUD)* (P.144)
4. Centre vent (P.234)
5. Audio switches**
6. Touch screen display
   - — Audio system** or navigation system**
   - — Rear view monitor* (P.216)
   - — Intelligent Around View Monitor* (P.222)
   - — Bluetooth® Hands-Free Phone System**
   - — Heater and air conditioner control (P.235)
   - — Heated seat* (P.60)
   - — Climate controlled seat* (P.62)
   - — Heated windscreen* (P.150)
   - — Heated steering wheel* (P.158)
7. Front passenger supplemental air bag (P.86)
8. Bonnet release handle (P.192)
9. Driver supplemental front-impact air bag (P.86)
10. Parking brake switch (P.260)
11. Push-button power switch (P.251)
12. Flexible centre storage (P.166)
13. Heater and air conditioner control (P.235)
    - — Rear window and outside mirror defroster switch (P.151)
14. Glove box (P.166)

*: where fitted

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

RIGHT-HAND DRIVE (RHD) MODEL

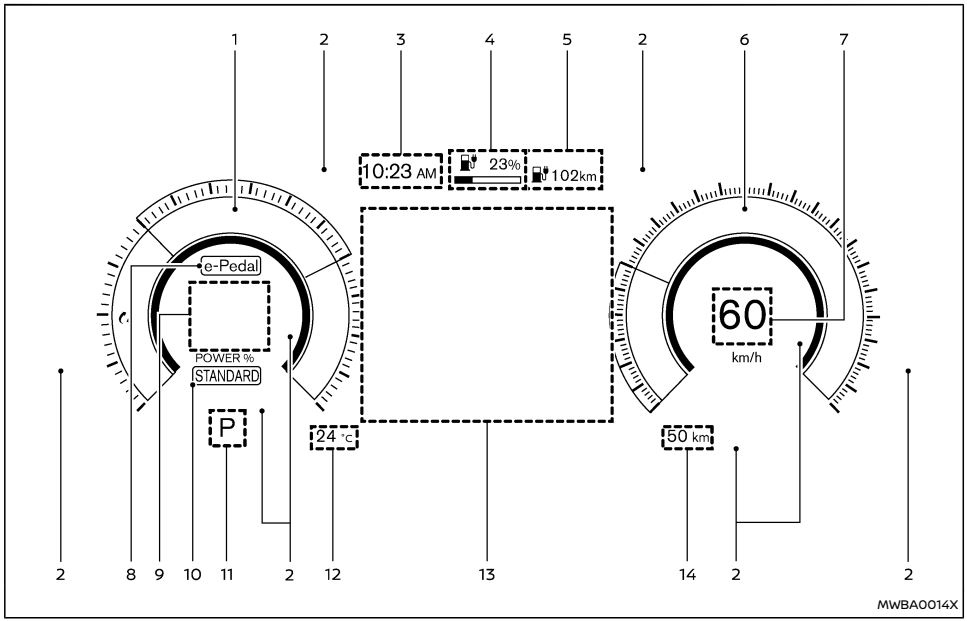


1. Front passenger supplemental air bag (P.86)
2. Centre vent (P.234)
3. Touch screen display
   - — Audio system** or navigation system**
   - — Rear view monitor* (P.216)
   - — Intelligent Around View Monitor* (P.222)
   - — Bluetooth® Hands-Free Phone System**
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*: where fitted

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

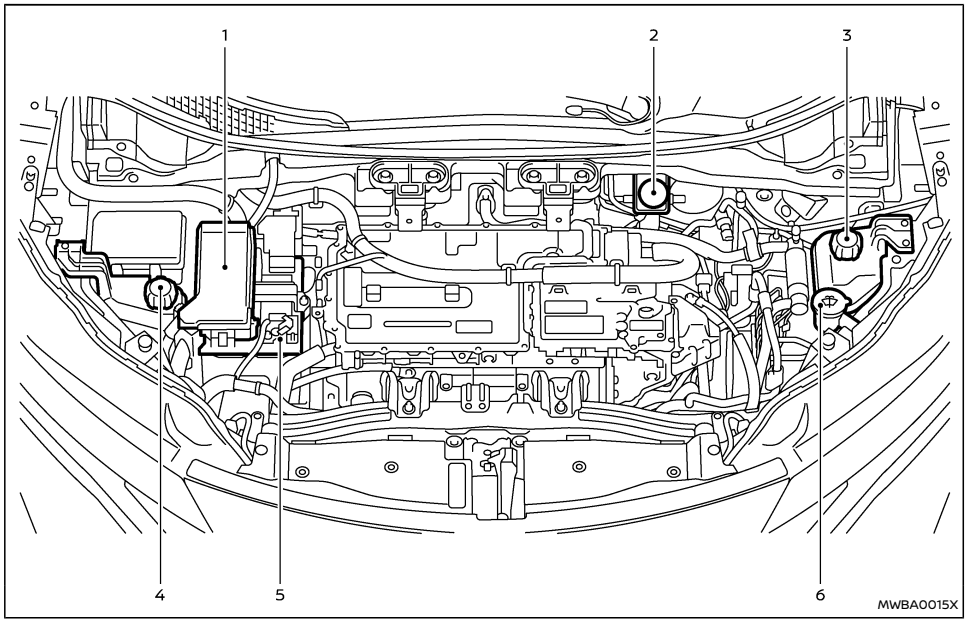
METERS AND GAUGES



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2. Warning and indicator lights (P.110)
3. Clock (P.143)
4. Li-ion battery available charge gauge (P.107)
5. Driving range (P.108)
6. Speedometer (P.106)
7. Vehicle speed (P.106)
8. e-Pedal indicator (P.109, P.258)
9. Personal display (P.121)
10. Drive Mode Selector indicator (P.264)
11. Shift position indicator (P.109)
12. Outside air temperature (P.143)
13. Vehicle information display (P.120)
14 Odometer (P.106)

The view of the meter screen can be changed. (See "Changing the meter screen view" (P.106).)

MOTOR COMPARTMENT



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2. Brake fluid reservoir*1 (P.446)
3. Coolant reservoir (for electric powertrain) (P.445)
4. Coolant reservoir (for Li-ion battery) (P.445)
5. 12–volt battery*2 (P.450)
6. Window washer fluid reservoir (P.449)

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

*1: For the RHD model, the reservoir is located on the opposite side.

*2: For the RHD model, the 12-volt battery is located under the luggage compartment.

WARNING AND INDICATOR LIGHTS

Red light	Name	Page
	12-volt battery charge warning light	111
	Brake warning light	111
	Electric shift control system warning light	112
	Electronic parking brake warning light	112
	electric vehicle system warning light	112
	Hands OFF warning light (where fitted)	113
	Master warning light	113
	Seat belt warning light	113
	Supplemental air bag warning light	114

Yellow light	Name	Page
	Anti-lock Braking System (ABS) warning light	114
	Approaching Vehicle Sound for Pedestrians (VSP) OFF indicator light	114
	Intelligent Emergency Braking system OFF warning light	114
	Brake system warning light (yellow)	115

Yellow light	Name	Page
	Electric power steering warning light	115
	Low battery charge warning light	115
	Low tyre pressure warning light	115
	Master warning light	116
	Rear Automatic Braking (RAB) system OFF warning light (where fitted)	117
	Slip indicator light	117
	Electronic Stability Programme (ESP) off indicator light	117

Other light	Name	Page
	Adaptive LED headlight indicator light (where fitted)	118
	Automatic brake hold indicator light (white)	117
	Automatic brake hold indicator light (green)	117
	Exterior light indicator	117
	Front fog light indicator light (where fitted)	118
	High beam assist indicator light (where fitted)	118

Other light	Name	Page
	High beam indicator light	118
	Hill Start Assist system indicator light	118
	Plug in indicator light	118
	Power limitation indicator light	118
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	Rear fog light indicator light	119
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MEMO

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THE ELECTRIC VEHICLE (EV) SYSTEM

The ARIYA 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 ARIYA is powered by electricity. The ARIYA does not require and it is not capable of using petrol like a vehicle powered by a traditional internal combustion engine. The ARIYA 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.**

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.

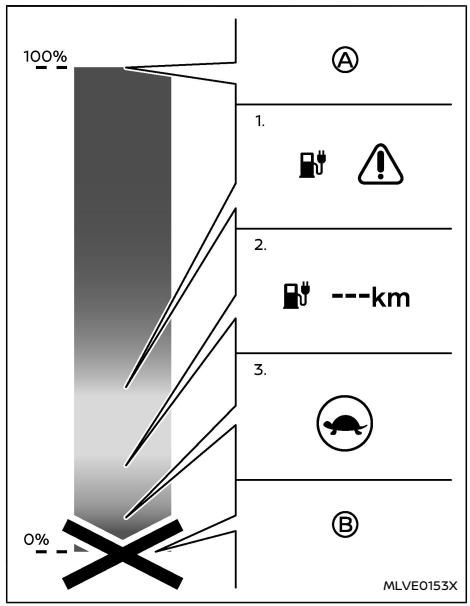
- **The Li-ion battery has limited service life, and when its charging capacity falls below a specific level, the electric vehicle system warning light will illuminate. Owners should bring their vehicle in for inspection and possible battery replacement.**
- **The Li-ion battery has a limited service 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

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

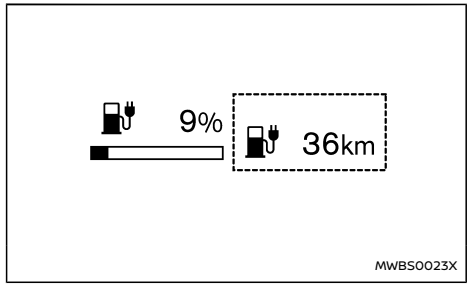


Ⓐ Full charge

1. Low Li-ion battery
2. "---" indication
3. Traction motor output limited

Ⓑ Battery discharged

1. 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)
   - [Battery too Low Please charge now] warning message is displayed on the vehicle information display. See "Vehicle information display warnings and indicators" (P.128).

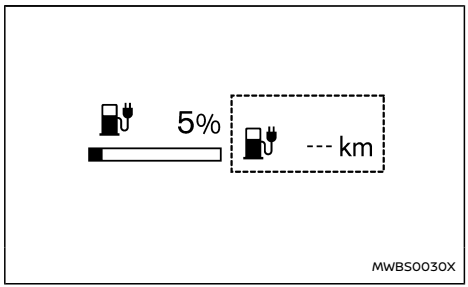


Example

   - The driving range on the vehicle information display also flashes when the above warning lights illuminate.

NOTE:

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



2. If the vehicle is driven and the Li-ion battery continues to discharge, the driving range changes to "---".
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. Contact Roadside assistance service shown in your NISSAN ARIYA Warranty Book and Maintenance Record. See "If the Li-ion battery becomes completely discharged" (P.429).

CHARGING THE 12-VOLT BATTERY

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

When the 12-volt battery is being charged, the charging status indicator light on the instrument panel flashes. (except when charging the Li-ion battery or the power switch is in the READY to drive position.) See "Charging status indicator light" (P.49).

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 12-volt battery is not charged in the following conditions.

- When the power switch is in Auto ACC position.
- When the power switch is in ON position and shift position is in the N (Neutral) position.

While the vehicle is not in use

When the Electric Vehicle (EV) 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 quick charger.
- The Li-ion battery temperature tends to rise in the case of continued driving on a freeway, repeated use of quick 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 quick 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 quick 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.

Li-ion battery warmer

- When the Li-ion battery temperature becomes lower, it can cause longer charging time by the quick charger.
- The Li-ion battery temperature tends to fall, for example, when parking the vehicle for a long period of time while the outside temperature is below 0 °C (32 °F). The Li-ion battery temperature is lowered to the outside temperature.
- The Li-ion battery warmer will automatically turn on when the Li-ion battery temperature is cold during quick 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 quick charger.
- When the Li-ion battery warmer operates while quick charging, it uses electrical power from the quick charger. However, the Li-ion

battery warmer can increase an amount of charge in 30 minutes by approximately 1.3 times to twofold*, in the case that the Li-ion battery temperature is below 0 ˚C (32 ˚F).

*: It varies depending on the temperature and/or remaining capacity of the Li-ion battery at the start of charging.

- When the quick charge is performed immediately after the Li-ion battery warmer operated while driving, an amount of charge in 30 minutes is increased by 1.2 to 1.7 times*, in comparison with the case that the Li-ion battery warmer only operates during quick charging.

  *: It varies depending on the temperature and/or remaining capacity of the Li-ion battery at the start of charging.

- To allow the Li-ion battery warmer to operate while driving, enable the function on the touch screen display in the following steps:
  1) Place the power switch in the READY to drive position. (The setting cannot be performed while driving.)
  2) Touch the "⌂" key on the Launch bar.
  3) Touch the "⚙" key and then touch [EV] key.
  4) Touch the [Battery Heater] key and touch the [ON] key to enable the function.

NOTE:

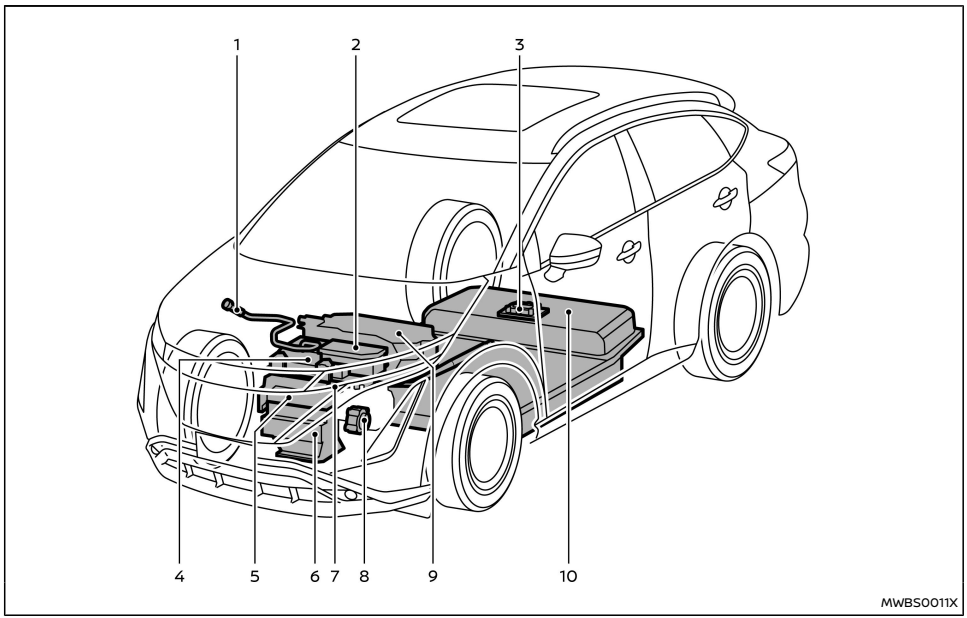
- **When the Li-ion battery warmer operates while driving, more electric power will be consumed than in normal driving condition, which could result in a decreased energy economy and driving range. Take account of remaining Li-ion battery charge and estimated driving range while driving.**
- **Check the estimated charge time shown in the vehicle information display. When you select the electrical power for the quick charger and find the estimated charge time displayed is too long, turn ON the [Battery Heater] setting.**
- **The [Battery Heater] setting will be turned OFF when the quick charging is completed or the power switch is placed in the OFF position.**

HIGH VOLTAGE PRECAUTIONS

HIGH-VOLTAGE COMPONENTS

⚠ WARNING

- **The Electric Vehicle (EV) 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 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 colored 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. High-voltage wire harnesses (colored orange)*
2. High-voltage junction box
3. Service plug
4. On Board Charger (OBC)
5. Inverter
6. Traction motor
7. DC/DC converter
8. Air conditioner compressor
9. PTC heater
10. Li-ion battery

*: The layout shown in the illustration is for the Left-Hand Drive (LHD) models. On the Right-

Hand Drive (RHD) models, the main harness is located on the opposite side.

⚠ WARNING

In case of a collision:

- **If your vehicle is drivable, pull your vehicle off the road, push the park button on the shift lever, apply the parking brake and turn the Electric Vehicle (EV) system off.**
- **Check your vehicle to see if there are exposed high-voltage parts or cables. For their locations, see "High-voltage components" (P.20). 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 be lithium manganate 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 Electric Vehicle (EV), 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 traction motor 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.**

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 Electric Vehicle (EV) system malfunctions.

For the above collisions and certain other Electric Vehicle (EV) system malfunctions, the READY to drive indicator light will turn off. See "Warning lights, indicator lights and audible reminders" (P.110).

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 electric vehicle 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 Electric Vehicle (EV) system.**
- **Be sure to push the park button on the shift lever 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), B 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.**
- **When you place the shift lever in the B position and take your foot off the accelerator pedal, more regenerative brake is applied than in the D (Drive) position.**
- **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.**

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 Ctrl. Timer or the remote climate control is used

LIFE WITH AN ELECTRIC VEHICLE (EV) (scene guide)

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

⚠ WARNING

The Electric Vehicle (EV) 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.

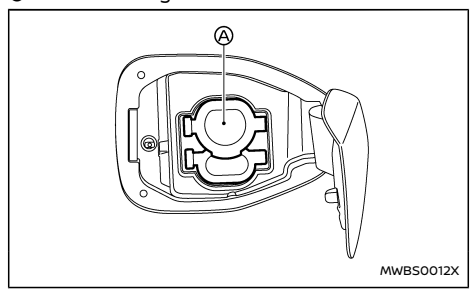
CHARGING THE LI-ION BATTERY

⚠ 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:

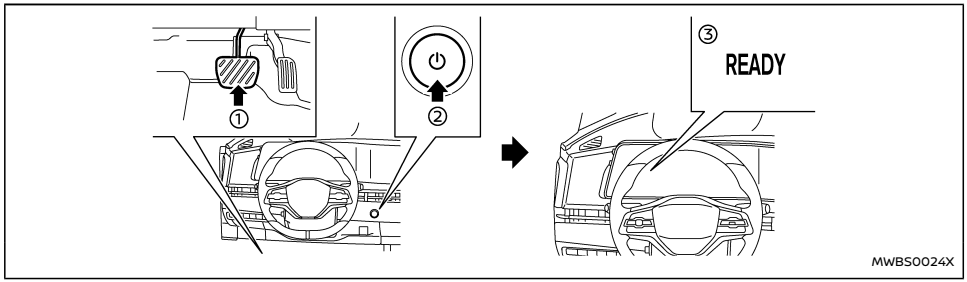
- Quick charge
- Normal charge



Ⓐ : Combined Charging System (CCS) charge port

For instructions, see "How to charge the Li-ion battery" (P.36).

STARTING YOUR VEHICLE

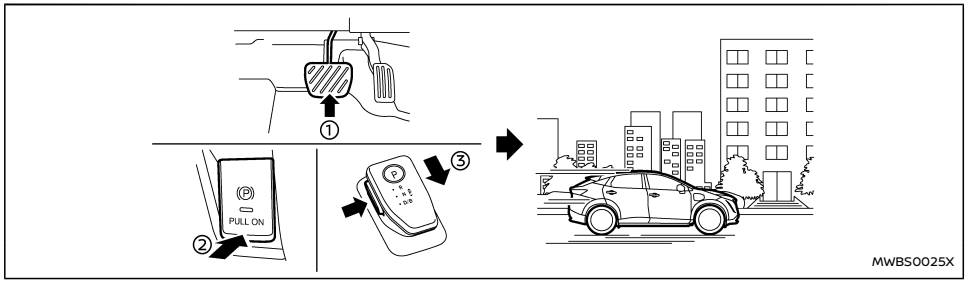


1. Firmly depress the brake pedal.
2. Push the power switch.
3. Check that the READY to drive indicator light illuminates. See "READY to drive indicator light" (P.119).
4. For models with navigation system: If route guidance is necessary, enter the destination in the navigation system. See the separately 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.107) and "Driving range" (P.108).

NOTE:

Before driving, compare the driving distance to the destination with the estimated driving range shown on the vehicle information display.

DRIVING THE VEHICLE



1. Depress the brake pedal.
2. Release the parking brake.
3. Move the shift lever into the D (Drive) position. When released, the shift lever returns to its original centre position.
4. Confirm that the vehicle is in the D (Drive) position. The shift indicator on the shift lever illuminates and D is displayed on the vehicle information display.
5. Release the brake pedal.
6. Depress the accelerator pedal and start driving.

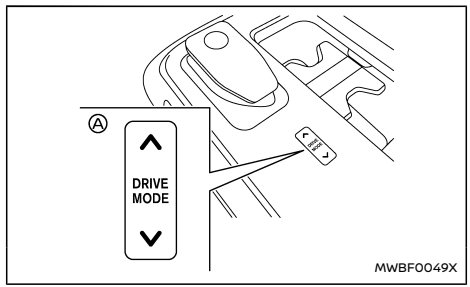
There are the following gear positions for driving the vehicle forward:

- Use the D (Drive) position for optimum driving performance.
- Use the B position for downhill driving. When the B position is used, more regenerative brake is applied when the accelerator pedal is released in comparison to the D (Drive) position.

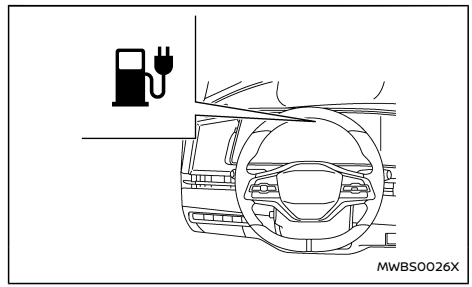
NOTE:

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

See "Driving the vehicle" (P.254).

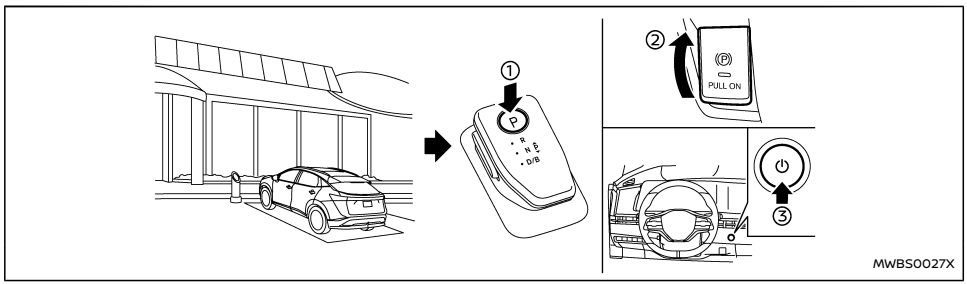


Use the Drive Mode Selector Ⓐ located on the centre console to select the ECO mode. Use the ECO mode for maximum driving range and for city driving. The ECO mode helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the STANDARD mode. See "ECO mode" (P.265).



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.115). Charge the Li-ion battery as soon as possible.

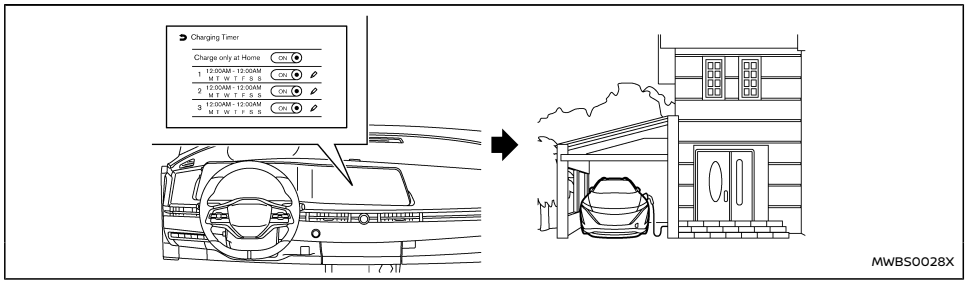
Parking the vehicle



1. When stopping the vehicle, push the park button on the shift lever while depressing the brake pedal. Confirm that the vehicle is in the P (Park) position by checking the shift indicator on the shift lever or on the vehicle information display.
2. Apply the parking brake.
3. Push the power switch 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.36).

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 charging timer function on the touch screen display to have the vehicle charge at a specific time. See "Charging timer" (P.47).

1. When the power switch is placed in the OFF position, the settings of the [Charging Timer] and the [Climate Ctrl. Timer] functions are displayed on the vehicle information display. See "Vehicle information display" (P.120).
2. Open the charge port lid and charge port cap. See "Charge port lid" (P.197).
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 Ctrl. Timer functions the next time you use the vehicle.

NISSANCONNECT SERVICES

NissanConnect Services provides a variety of Electric Vehicle (EV) 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.

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 maximize 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.
- 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 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) or B 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 maximize 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.

ELECTRIC VEHICLE (EV) UNIQUE INFORMATION

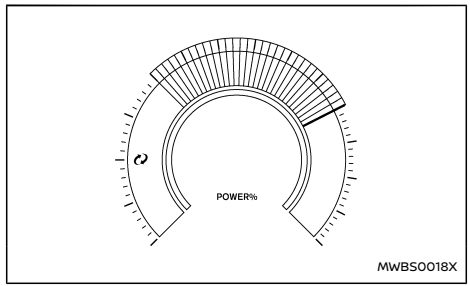
- Avoid storing a vehicle in temperatures below −25°C (−13°F) for over 7 days.
- Avoid leaving your vehicle for over 14 days where the Li-ion battery available charge gauge reaches a zero or near zero (state of charge).
- Allow the vehicle and Li-ion battery to cool down after use before charging.
- 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 quick charges).
- Use the normal charging method to charge the Li-ion battery and minimise the use of Quick 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.107).

METERS AND INDICATORS

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

Vehicle information display

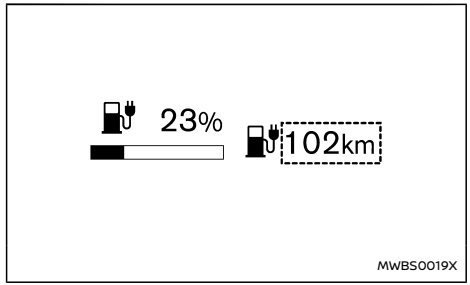
Power meter:



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.107).

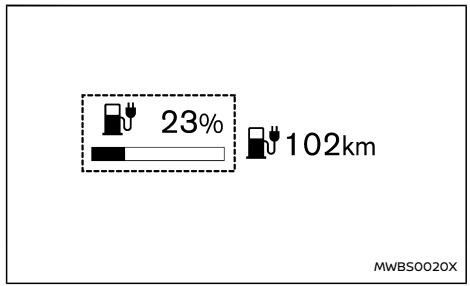
Driving range:



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 "Driving range" (P.108).

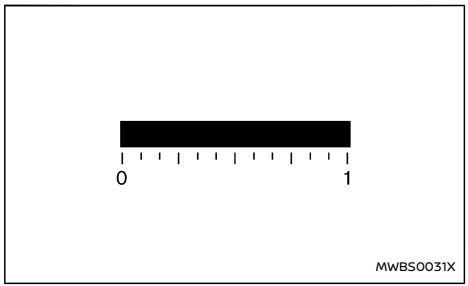
Li-ion battery available charge gauge:



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.107).

Li-ion battery capacity level gauge:



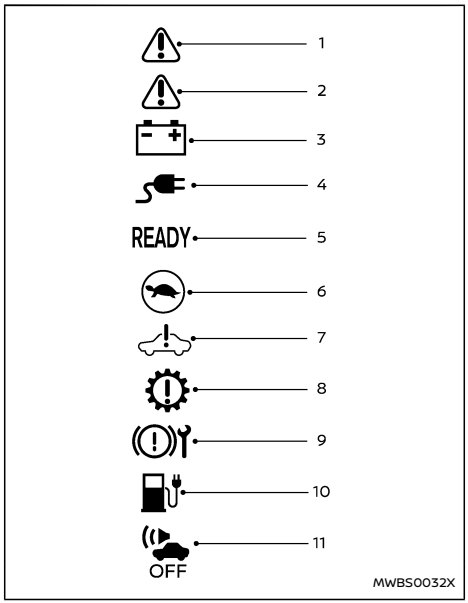
This gauge displays the available capacity of the Li-ion battery remaining to store power.

To check this gauge, select it in the trip computer menu. For additional information, see "14. Battery Capacity" (P.141).

Other information:

The other electric vehicle unique information is displayed on the trip computer as well. For additional information, see "Trip computer" (P.138).

Warning and indicator lights

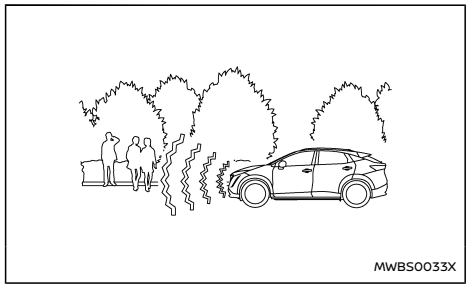


The electric vehicle system uses the following electric vehicle specific warning and indicator lights, located in the meter panel.

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. electric vehicle 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.110).

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.**

NOTE:

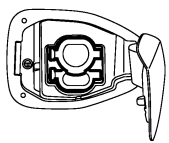
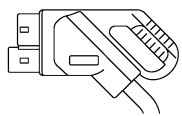
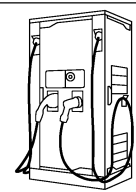
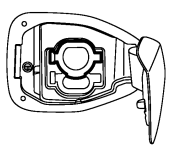
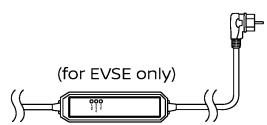
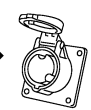
If you wish to increase the volume of the VSP system, contact a NISSAN certified electric vehicle dealer. (It is not possible to lower the volume.)

MEMO

CH Charging

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NISSAN EVSE (Electric Vehicle Supply Equipment) control box indicator light (where fitted) 50
Charging troubleshooting guide 52

TYPES OF CHARGING

Type of charging	Charge port	Charge connector	Control box	Power	Instructions
Quick charge		 Quick charge connector			Use a public charging station conforming to Combined Charging System (CCS) standard.
Normal charge*1		 Normal charge connector (Type 2)	 (for EVSE only)	 Domestic plug Electrical outlet	Use the NISSAN EVSE (Electric Vehicle Supply Equipment) (if so equipped). Use only dedicated outlets installed by an Electro-Mobility Operator (EMO).

MWBT0058X

*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.39).

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 (where fitted)) when there is lightning. This may cause an electrical shock.
- Do not disassemble or modify the charge port or the EVSE. This may cause a fire.
- 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 traction motor cooling fan. The cooling fan can start at any time during charging.
- 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.169). Otherwise, it may become a projectile and cause a personal injury during sudden braking or in a collision.
- NISSAN highly recommends you charge your electric vehicle at home using a NISSAN recommended dedicated domestic charging station. A EN61851-compliant domestic charging station needs to be installed on a dedicated 220-240 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.427).
- Do not insert any object other than the charge connector into the charge port. Doing so may cause damage to the charge port.
- Perform occasional charge using the EVSE.
- NISSAN recommends using a dedicated electrical circuit and outlet. The dedicated circuit is used to help prevent circuit damage or the circuit breaker from tripping due to the high draw of charging the Li-ion battery. If the circuit is shared, and another electrical device is being used at the same time the vehicle is charging, the breaker may trip.
- Before you connect the EVSE, be sure to check the rated current shown on the EVSE to ensure that the outlet and circuit have enough current capacity to charge your vehicle safely. The EVSE draws a constant 10–16A*, you must ensure that the outlet

and household wiring used for charging are rated at this level and comply with the latest electrical wiring standards and regulations in your country or area.

***: Max current rating depends on the country.**

- **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 quick 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 quick 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.**
- **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:

- Quick charge
- Normal charge

QUICK CHARGE

Even when charging the Li-ion battery using a charger capable of more than 130 kW, the maximum power from the charger will be limited to 130 kW, it will be changed based on the vehicle status.

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

⚠ WARNING

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

charging equipment.

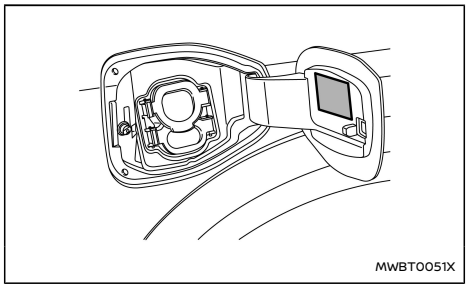
CAUTION

- **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 quick charges will be longer if the battery temperature activates the battery safeguarding technology.**

NOTE:

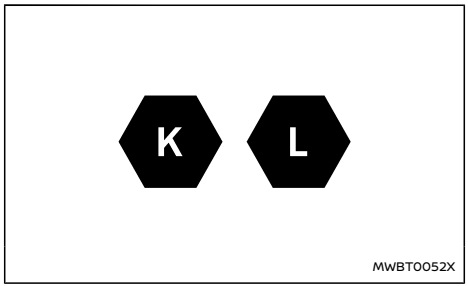
- **When the Li-ion battery available charge and Li-ion battery capacity are shown on the quick charger unit, the readings may differ from the actual Li-ion battery available charge/capacity.**
- **Depending on the quick chargers, the operation procedure may differ from the one shown in this manual.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

Charging type identifier (where fitted)


MWBT0051X

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

Use the charge connector with the following identifier.



MWBT0052X

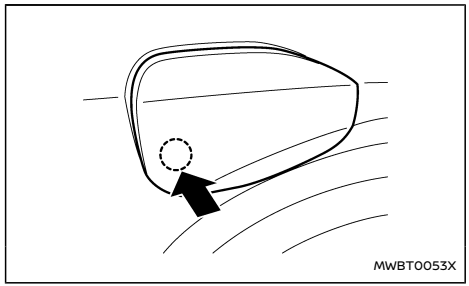
K: CCS2 (50 - 500 V)

L: CCS2 (220 - 920 V)

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

How to start quick charge

1. Push the park button on the shift lever 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.

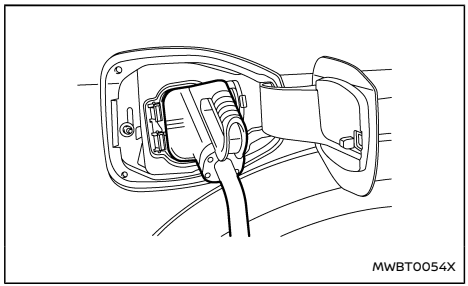

MWBT0053X

To open the charge port lid, unlock the doors (see "Intelligent Key system" (P.182)) and push the rear part of the lid as illustrated. Then open the charge port cap. (See "Charge port lid" (P.197).)

4. Follow the instructions on the quick charge equipment, insert the charge connector all the way in.

CAUTION

Be sure to insert the charge connector straight into the quick 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.


MWBT0054X

5. Follow the instructions on the quick 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 "Charging status indicator light" (P.49).

Charging ends in the following situations:

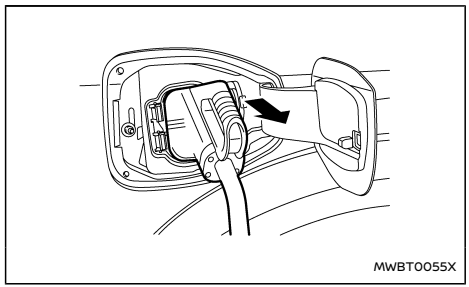
- When charging is complete.
- When the possible charge time set for the quick charger is exceeded.

NOTE:

- **Charging may automatically stop even if it is not completed.**
- **If charging stops mid-charge, you can restart charging by pushing the start button on the quick 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 quick 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 quick charging, the Li-ion battery charging rate is slower as the percentage of available battery charge increases.**
- **When quick charging, the Li-ion battery charging rate is slower when the Li-ion battery temperature is extremely high or low.**

How to stop quick charge

1. 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.


MWBT0055X

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

NOTE:

- **The charge connector cannot be unlocked after it is connected. To unlock the charge connector without starting to charge, wait a few minutes or stop the quick charger.**
- **When removing the charge connector, the charge port light will illuminate for approximately 30 seconds. (See "Charge port light" (P.198).)**

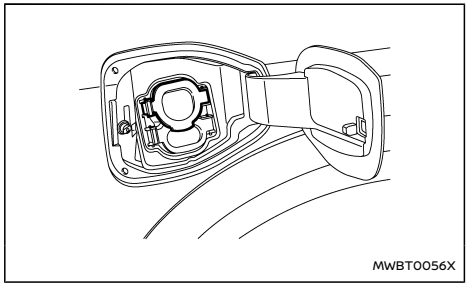
3. Close the charge port cap.
4. Close the charge port lid.

CAUTION

As the quick 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 quick charge should be minimized in order to prolong Li-ion battery life.

⚠ WARNING

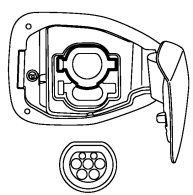
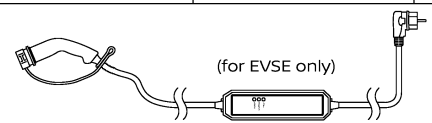
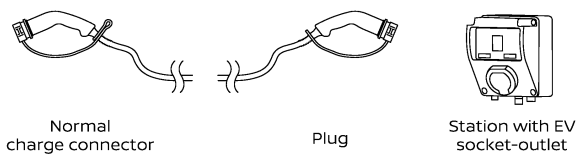
- **In order to avoid an electric shock or fire due to a short circuit, connect to GFI (Ground Fault Interrupter) circuit breaker and use a waterproof electrical ground socket.**
- **Do not use an extension cable or electrical plug adapter. If the electrical socket generates an abnormal amount of heat,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

CAUTION

Only charge using a dedicated electrical 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.

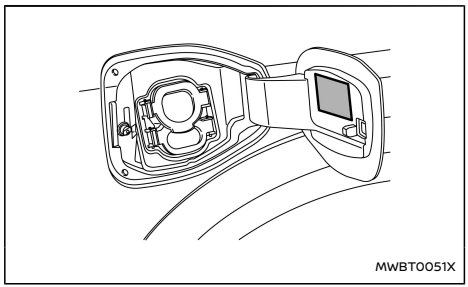
NOTE:

- **Your NISSAN certified electric vehicle dealer can advise regarding availability of charge cables in your country.**
- **NISSAN highly recommends EVSE installed on a dedicated circuit in your home by a licensed professional electrician, certified by a NISSAN recommended Electro-Mobility Operator (EMO).**
- **Normal charging is performed using a dedicated electrical outlet using the EVSE provided with the vehicle.**
- **The genuine NISSAN EVSE charging equipment performs a communication function 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.47).**

Type of charging	Charge port	Charge connector	Control box	Power	Instructions
Normal charge (Type 2)					Use the NISSAN EVSE (Electric Vehicle Supply Equipment) (if so equipped). Use only dedicated outlets 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 dedicated normal charger installed by an Electro-Mobility Operator (EMO). Station type: Use a charging cable of station type normal charger.

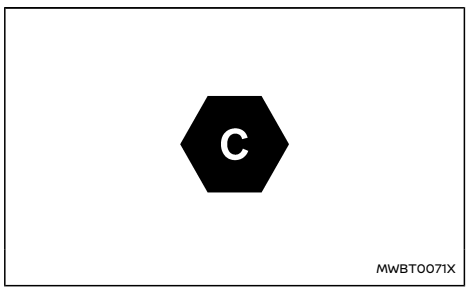
MWBT0057X

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.

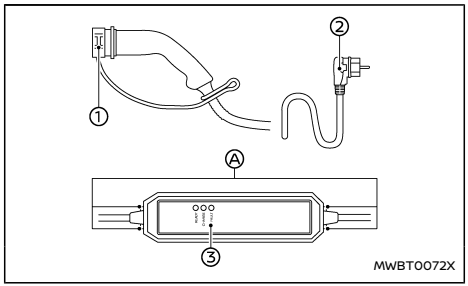
Use the charge connector with the following identifier.



C: Type 2

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

NISSAN EVSE (where fitted)



NISSAN EVSE (Type 2)

① Safety cap
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 protective cap 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.

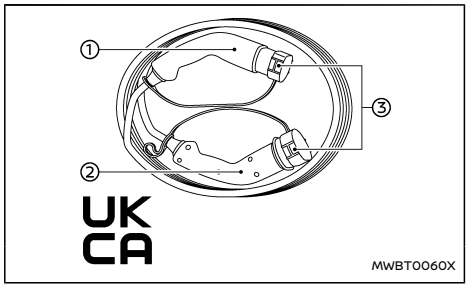
NISSAN Mode 3 cable (where fitted)

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 (Type 2)

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 Safety cap (where fitted)

NISSAN Mode 3 cable (type 2) 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.

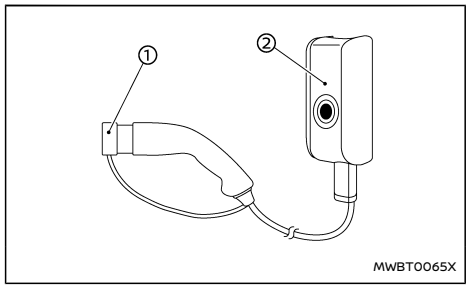
CAUTION

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 protective cap 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 Safety cap

② Normal charger (example)

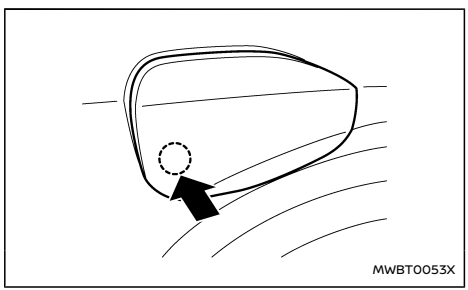
This vehicle can be charged with a compatible public normal charger (Wallbox type or Station type) or some versions of the home charging units.

⚠ WARNING

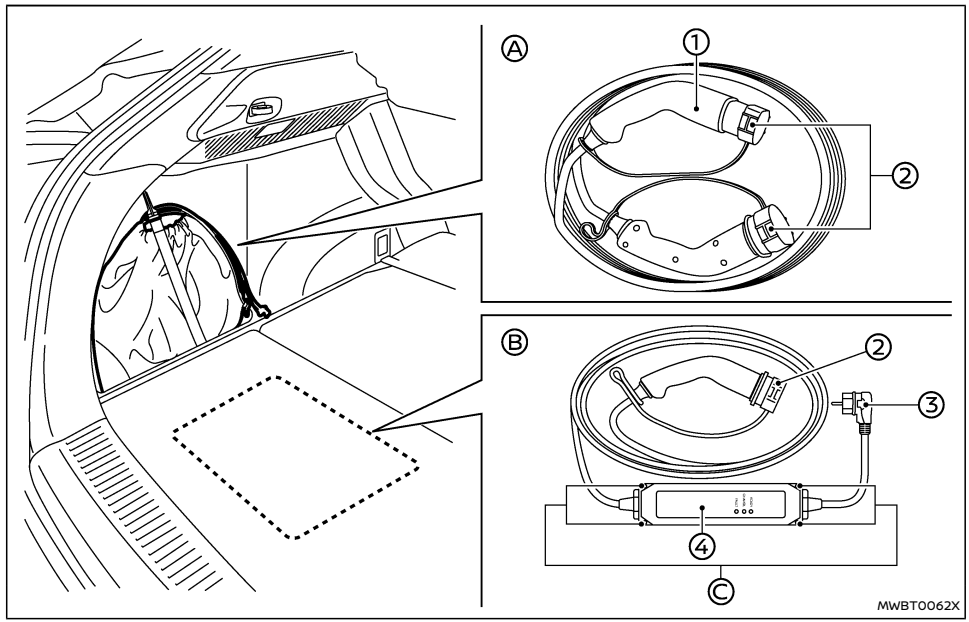
Before starting the charge with a normal charger, carefully read the instructions provided on the normal charger (Wallbox type or Station type).

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.



To open the charge port lid, unlock the doors (see "Intelligent Key system" (P.182)) and push the rear part of the lid as illustrated.



NISSAN Mode 3 cable/NISSAN EVSE located in the luggage compartment

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

*: 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.

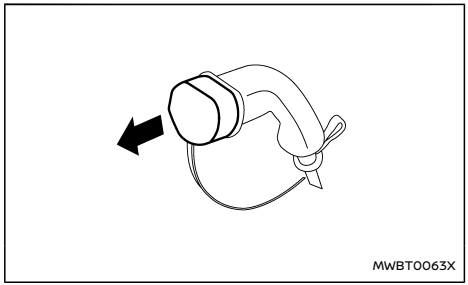
4. Model with NISSAN EVSE: Connect the domestic plug to the dedicated electrical outlet.

   If it is connected normally, the green light on

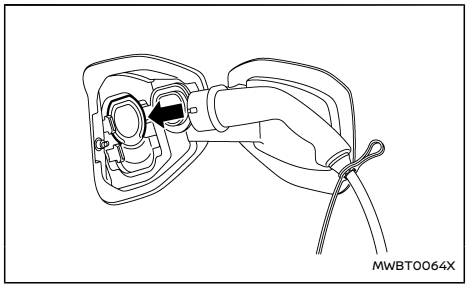
the EVSE control box indicator light illuminates. See “NISSAN EVSE (Electric Vehicle Supply Equipment) control box indicator light (where fitted)” (P.50).

Model with NISSAN Mode 3 cable: Remove the safety 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.197).


MWBT0063X

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


MWBT0064X

7. Connect the charge connector to the charge port. If it is connected normally, a beep will sound once.

   NOTE:
   A beep will not sound if the vehicle is in the sleep mode. This is normal.

8. If charging has started, or if the Li-ion battery is waiting for the charging timer to start, a beep will sound twice and the charging status indicator light will operate. See “Charging status indicator light” (P.49).

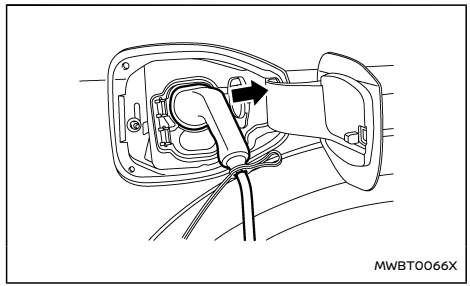
NOTE:

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.49).)

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, once lock the vehicle’s door and then unlock it to deactivate the connector lock pin.

How to stop a normal charge


MWBT0066X

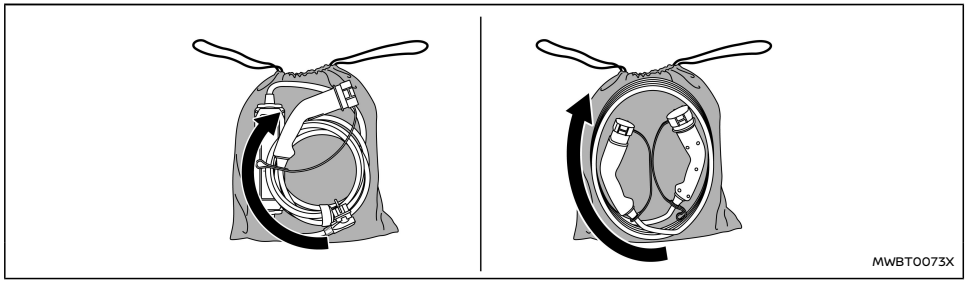
1. Unlock the charge connector. For more information, see “Charge connector lock” (P.46).
2. Remove the charge connector from the charge port.

   NOTE:
   When removing the charge connector, the charge port light will illuminate for approximately 30 seconds. (See “Charge port light” (P.198).)

3. Attach the safety 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 safety cap (where fitted) to the plug.



NISSAN EVSE/NISSAN Mode 3 cable

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 normal charge connector can be locked to the normal 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, once lock the vehicle's door and then unlock it 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.49).)**

Unlock operation

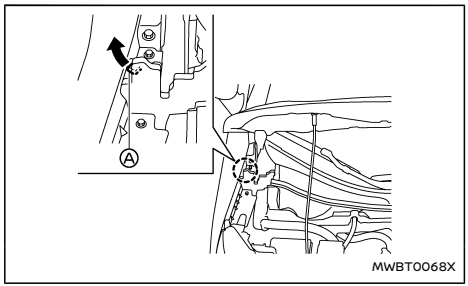
To unlock the charge connector lock, unlock the vehicle's door from the locked state. The charge connector lock is unlocked for 30 seconds.

After 30 seconds, the charge connector lock is locked again.

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



Left-Hand Drive (LHD) models

CAUTION

Do not unlock the charge connector using the screw as illustrated when the charge connector lock is operated normally.

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

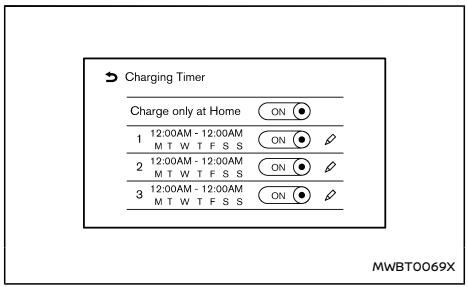
1. Place the power switch in the OFF position.
2. Open the bonnet.
3. Locate a white colored lever Ⓐ on the upper side of the connector lock actuator. (For RHD models, the lever is on the opposite side.)
4. Insert a flat-blade screwdriver or suitable tool and turn the lever clockwise until the lever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

CHARGING TIMER

Use charging timer 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 charging timer

The charging timer settings can be changed with the touch screen display.



1. Touch the "⌂" key on the Launch bar.
2. Touch the [All Apps] key and then touch [EV] key.
3. Touch [Charging Timer] key. Charging Timer screen is displayed.

   Available actions:

- **[Charge Only at Home]:**

  When this item turns on, charging timer works only at home.

- **Timer settings:**

  Touch to turn on/off the timer. The indicator light will turn on when the timer setting is turned on.

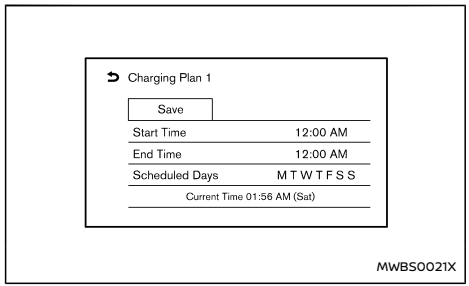
- **"✎" key:**

  Touch to display the charging timer settings screen. Set preferred time and day of the week for vehicle charging. (See "Charging timer setting screen" (P.47).)

4. After completing the settings, place the power switch in the OFF position, and then connect the charge connector to the vehicle.

Charging timer 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 to save the settings.

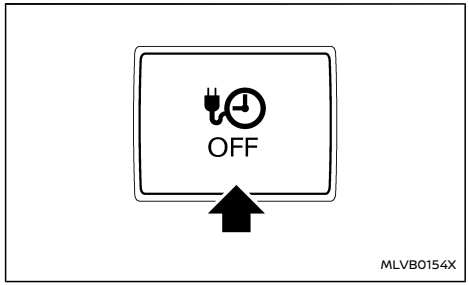
Operating tips for charging timer

- Charging timer is performed according to the current time setting on the display. When setting the charging timer function, be sure to check that the current time displayed is correct.
- The Li-ion battery may not be fully charged if the charging timer start time and end time are set such that there is not enough time to charge the Li-ion battery.
- To turn off the charging timer function, touch the [ON] key on the charging timer setting screen until the indicator lights are turned off. After this operation has been performed, the charging timer function is turned off. The start and stop time settings are not deleted, even if the charging timer function is turned off.
- If the day of the week is not selected on the charging timer 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 charging timer is in operation. When the setting is changed while charging timer 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 charging timer 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 fully charged 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 Charging Timer.
- 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 charging timer 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 charging timer 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.

NOTE:

- **When the charging status indicator light (see "Charging status indicator light" (P.49)) flashes in green after the charge connector is connected, the charge state is in the charging timer mode. You can push the immediate charge switch to start the immediate charge.**
- **When the immediate charge switch is pushed, the immediate charge mode is kept for 15 minutes even if you connect or disconnect the charge connector.**
- **To cancel the immediate charge mode, push the immediate charge switch while connecting the charge connector to the vehicle. The charge mode switches to charging timer**

and the vehicle will be in a charging standby state.

However, even if you push the immediate charge switch once again, the immediate charge mode will not start and the charging timer mode will continue.

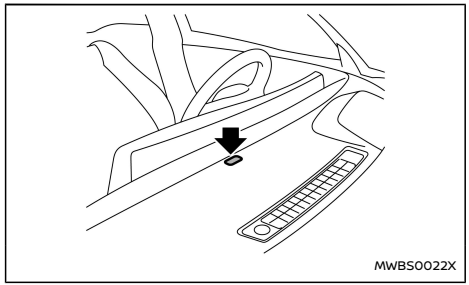
CHARGING RELATED REMOTE FUNCTION

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

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.**

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 normal 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 normal 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 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 fully charged

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

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

When the electric vehicle system automatically turns on

The indicator light flashes in green when the electric vehicle system is automatically turns on.

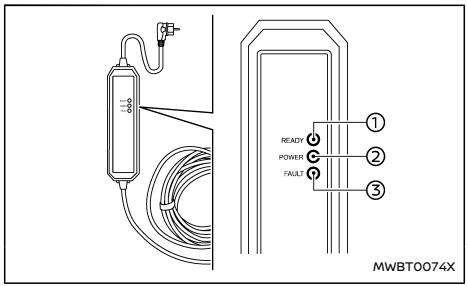
For example, the electric vehicle system will automatically turns on in the following situations:

- When 12-volt battery is charging.
- When the software is updating.
- When the air conditioning system, such as Climate Ctrl. Timer, remote climate control or the Li-ion battery temperature control system is operating.
- When the plug of the EVSE (where fitted) is pulled off from the outlet.

The indicator light flashes in green as follows:

- Ready for charging timer: flashes every 2 seconds
- electric vehicle system on: flashes every 1 second

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



① READY: GREEN

② POWER: ORANGE

③ FAULT: RED

When a normal charge is being performed using the NISSAN EVSE (Electric Vehicle Supply Equipment), the charging status as well as any EVSE malfunction can be checked with the indicator lights on the EVSE control box.

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 timer is set (refer to “Charging timer” (P.47)).
●	●	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

CHARGING TROUBLESHOOTING GUIDE

Symptom	Possible cause	Possible solution
Charging cannot be performed.	The Li-ion battery is already fully charged.	Confirm the available Li-ion battery power remaining by checking Li-ion battery available charge gauge. If the gauge indicates full, the Li-ion battery is already fully charged and cannot be charged. Charging automatically turns off if the Li-ion battery is fully charged.
	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.427).
	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 charging timer. See “Charging methods” (P.47).
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.125).) 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 charging timer schedule. See “Charging timer” (P.47).
	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 charging timer 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.47).
	The immediate charge switch is pushed.	To cancel the immediate charge, push the immediate charge switch again while connecting the charge connector to the vehicle. The charge mode returns to a standby state.

Symptom	Possible cause	Possible solution
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 fully charged.
	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 is locked.	Unlock the charge connector lock. See “Unlock operation” (P.46).
	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.47).
Quick charge cannot be performed.	The quick charge connector is not connected correctly.	Remove the charge connector and insert it again.
		Check that the charge connector is connected correctly and that it is locked.
	The self-diagnostic function of the quick 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 quick charger is off.	Check the power switch of the quick charger.
Quick charge stops during charging.	Charging is stopped by the quick charge timer.	Charging will stop depending on the timer function setting of the quick charge device. If you need to charge the Li-ion battery more, start the charging procedure again.
	The power supply for the quick charger is off.	Check whether the power supply for the quick charger is off.
Quick charge connector cannot be removed.	The charge connector is locked.	If it is necessary to remove the charge connector before starting to charge, wait a few minutes until the data communication between the vehicle and the quick charger is stopped.
	The vehicle has a malfunction.	If the quick charge connector cannot be removed when the connector has been unlocked, follow the unlocking steps. See “If the charge connector cannot be unlocked” (P.47).

MEMO

1 Safety — seats, seat belts and supplemental restraint system

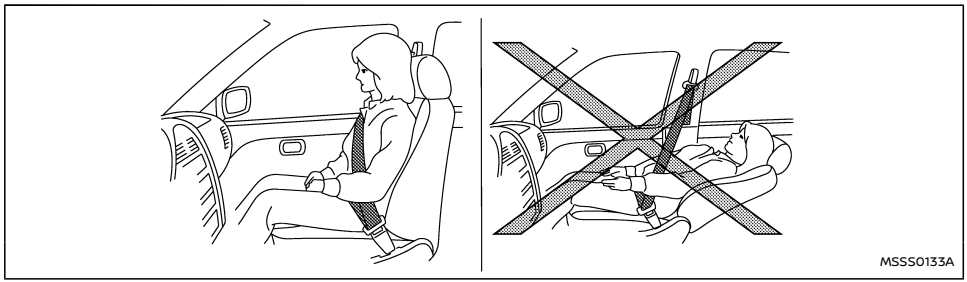
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⚠ WARNING

- **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.66).)**
- **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

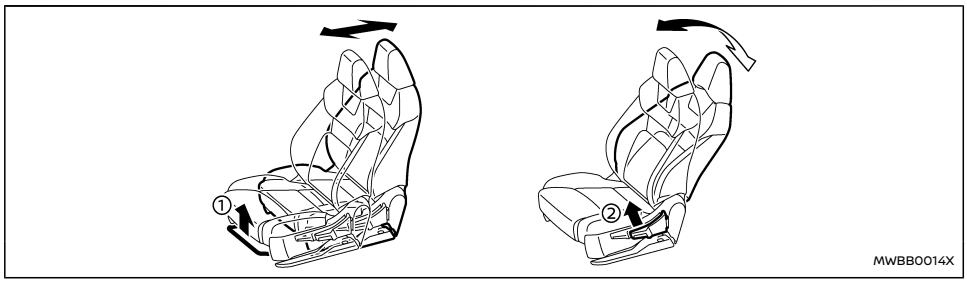
⚠ WARNING

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.

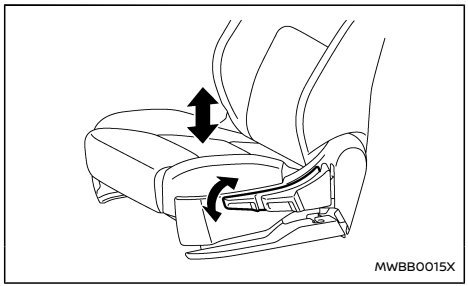
Reclining:

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.66).)

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

Seat lifter:

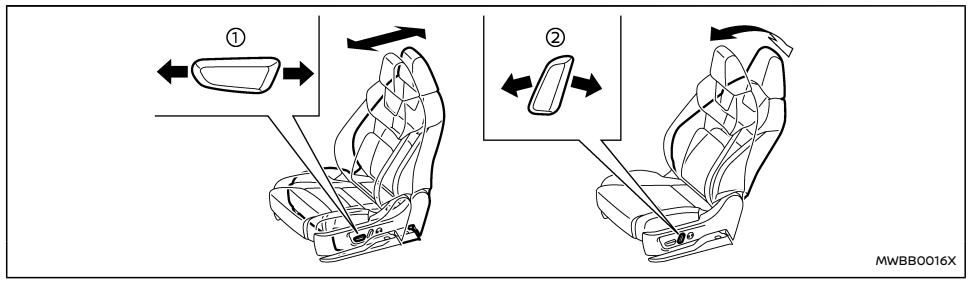


Pull up or push down the adjusting lever to adjust the seat height until the desired position is achieved.

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 electric vehicle system is not running.



Forward and backward:

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

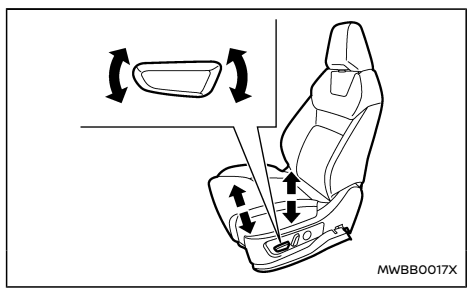
Reclining:

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.66).)

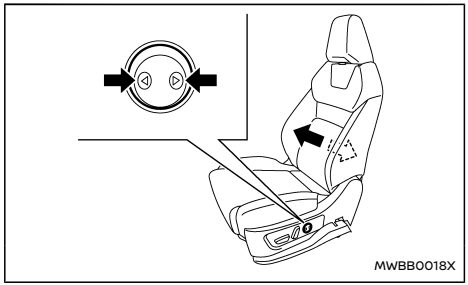
The seatback may be reclined to allow occupants to rest when the vehicle is parked.

Seat lifter:

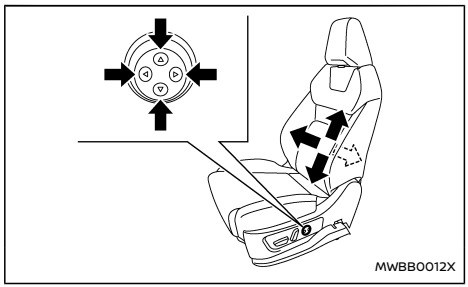


Move the switch as shown to adjust the angle of the front portion or height of the seat.

Lumbar support (where fitted):



2 way type



4 way type

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

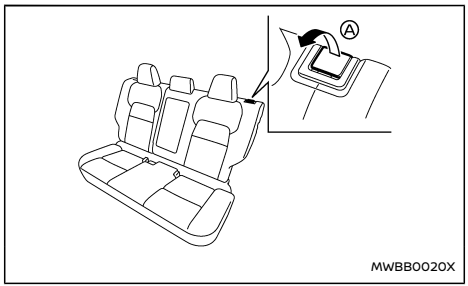
Push the adjusting switch as shown to adjust the seat lumbar area until the desired position is achieved.

REAR SEATS

Folding

Before folding the rear seats

- Release the outer seat belt from the seat belt guide. (See "Seat belt guide" (P.70).)
- Secure the outer seat belt on the seat belt hook. (See "Seat belt hooks" (P.70).)
- If the rear seat is equipped with the head restraints, slide the front seat forward to make enough room behind the seat so that the rear seatback can be folded flat.
- Remove drink containers from the rear cup holder.



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, 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.

CAUTION

Do not fold or return the seatback using the seat belt guide. Doing so may cause damage to the seat belt guide.

⚠ WARNING

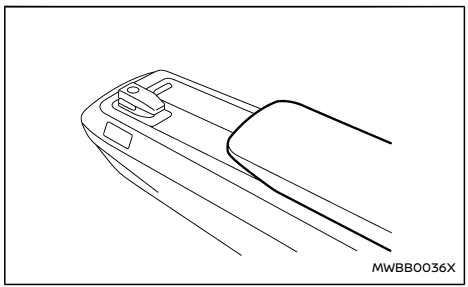
- **Never allow anyone to ride in the cargo area or on the rear seats when they are in the fold-down position. In a collision, people riding in these areas without proper restraints are more likely to be seriously injured or killed.**
- **Do not allow people to ride in any area of your vehicle that is 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 properly 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

Front seats


MWBB0036X

The console box lid can be used as an armrest.

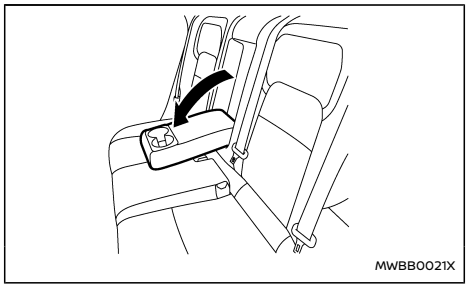
Power sliding function (where fitted)

The position of the centre console with front armrest can be adjusted to your desired position.

See "Console box" (P.166).

Rear seat

The centre seatback can be folded to make the armrest.


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 electric vehicle 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 maximize comfort by supplementing the heater.

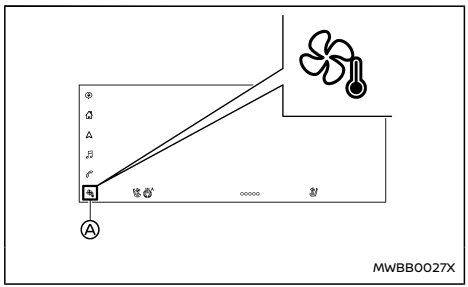
The front and rear (where fitted) seats are warmed by built-in heaters. The control keys are displayed on the touch screen display and the back of the centre console box (where fitted), and can be

operated independently of each other.

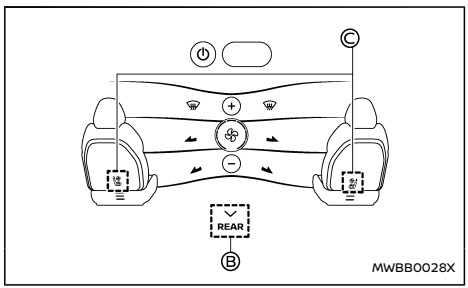
The heater is controlled by a control module, automatically adjusting the heat level to maintain comfort according to the selected heat range.

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

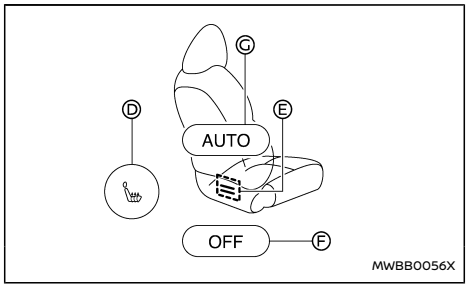
Operation with touch screen display



MWBB0027X



MWBB0028X



MWBB0056X

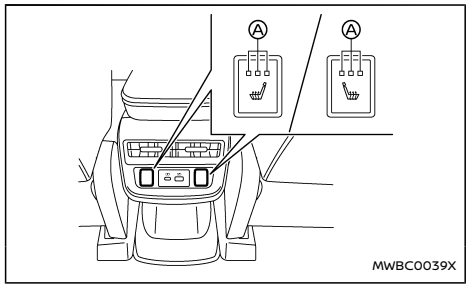
1. Start the electric vehicle system.
2. To display the climate control screen, touch the key Ⓐ on the touch screen display.

   To select the rear seat (where fitted), touch the [REAR] key Ⓑ.
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.

   You can also select the AUTO mode by touching the [AUTO] key Ⓖ.

   For the AUTO mode, the temperature control intensity level can be adjusted. See "Air conditioner settings" (P.239).
5. To turn off the heater, touch the [OFF] key Ⓕ.

Operation with switch (for rear outboard seats) (where fitted)



MWBC0039X

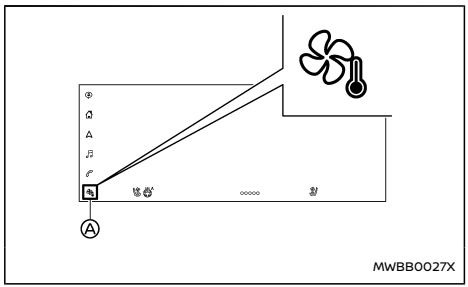
1. Start the electric vehicle system.
2. Push the heated seat switch and select the desired heat range.
   - For high heat, push the switch once.
   - For medium heat, push the switch twice.
   - For low heat, push the switch three times.
   - The indicator light Ⓐ on the switch will illuminate depending on the heat level when the heater is on.
3. To turn off the heater, push the heated seat switch until the indicator light turns off.

CLIMATE CONTROLLED SEATS (where fitted)

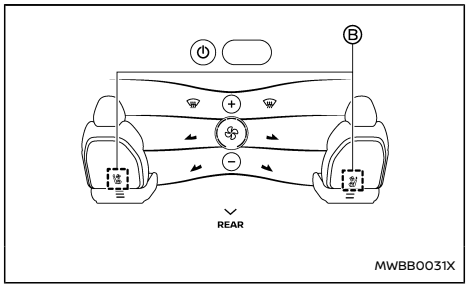
NOTE:

The climate controlled seats consume less power than the heater and air conditioner and can be used to either help extend driving range by reducing heater and air conditioner use or to maximize comfort by supplementing the heater and air conditioner.

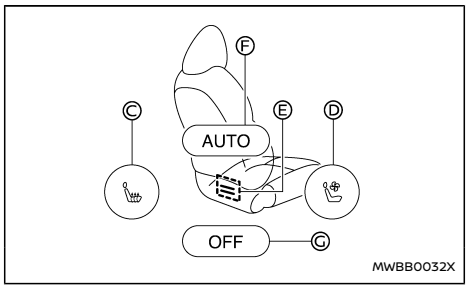
The climate controlled seats warm the front seats by built-in heaters or ventilate the front seats by blowing air from the seat surface. The control keys are displayed on the touch screen display and can be operated independently of each other.



MWBB0027X



MWBB0031X



MWBB0032X

1. Start the electric vehicle system.
2. To display the climate control screen, touch the key Ⓐ on the touch screen display.
3. Touch the or key Ⓑ.
4. To warm the seat, touch the key Ⓒ (once, twice or three times). The indicator Ⓔ illuminates in orange depending on the heat level.

   To ventilate the seat, touch the key Ⓓ (once, twice or three times). The indicator Ⓔ illuminates in blue depending on the ventilation level.

   You can also select the AUTO mode by touching the [AUTO] key Ⓕ.

   For the AUTO mode, the temperature control intensity level can be adjusted. See “Air conditioner settings” (P.239).
5. To turn off, touch the [OFF] key Ⓖ.

When the vehicle’s interior is warmed or cooled, or before you leave the vehicle, be sure to turn off the climate controlled seats. To turn off the climate controlled seats, push the switch until the indicator light turns off.

To check the air filters for the climate controlled seats, it is recommended you visit a NISSAN certified electric vehicle dealer.

⚠ WARNING

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

CAUTION

- **The 12-volt battery could run down if the climate controlled seat is operated while the power switch is not in the READY to drive position.**
- **Do not use the climate controlled seat for**

extended periods or when no one is using the seat.

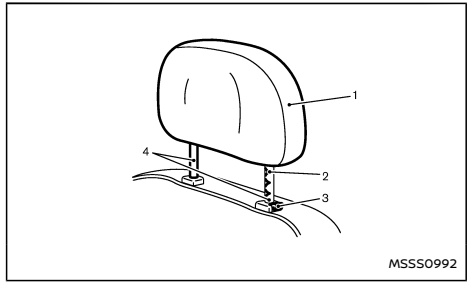
- **Do not put anything on the seat which insulates heat, such as a blanket, cushion, seat cover, etc. Otherwise, the seat may become overheated.**
- **Do not place anything hard or heavy on the seat or pierce it with a pin or similar object. This may result in damage to the climate controlled seat.**
- **Any liquid spilled on the seat should be removed immediately with a dry cloth.**
- **The climate controlled seat has an air filter. Do not operate climate controlled seat without an air filter. This may result in damage to the system.**
- **When cleaning the seat, never use petrol, thinner, or any similar materials.**
- **If any malfunctions are found or the climate controlled 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.**

⚠ 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.

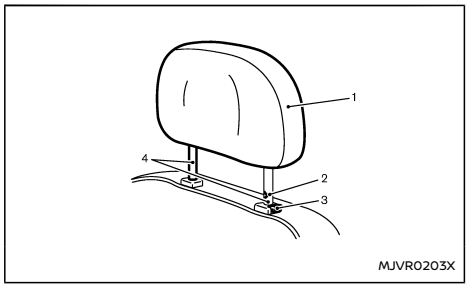
- Your vehicle is equipped with a head restraint that may be integrated, adjustable or non-adjustable.
- Adjustable head restraints have multiple notches along the stalk to lock them in a desired adjustment position.
- The non-adjustable head restraints have a single locking notch to secure them to the 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.

ADJUSTABLE HEAD RESTRAINT COMPONENTS



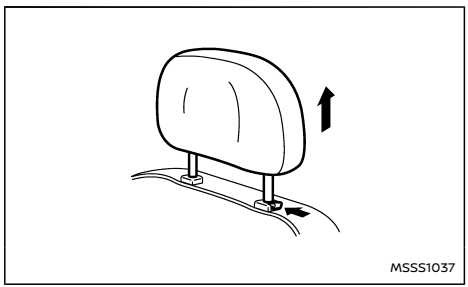
1. Removable head restraint
2. Multiple notches
3. Lock knob
4. Stalks

NON-ADJUSTABLE HEAD RESTRAINT COMPONENTS



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

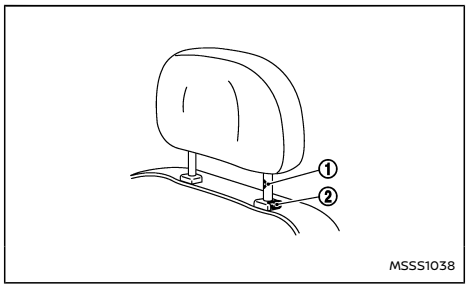
REMOVE



Use the following procedure to remove the head restraint.

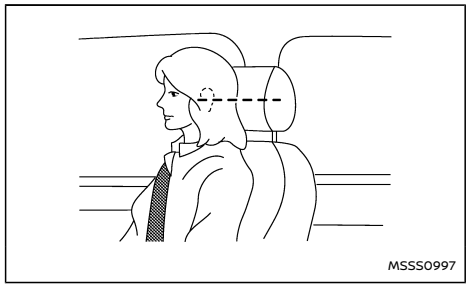
1. Pull the head restraint up to the highest position.
2. Push and hold the lock knob.
3. Remove the head restraint from the seat.
4. Store the head restraint properly in a secure place so it is not loose in the vehicle.
5. Reinstall and properly adjust the head restraint before an occupant uses the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

INSTALL



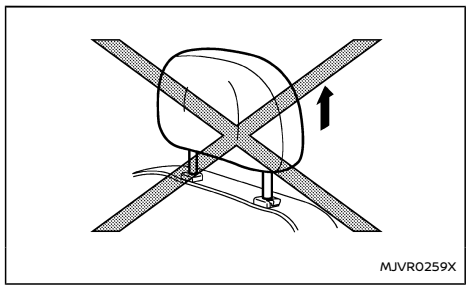
1. Align the head restraint stalks with the holes in the seat. Make sure that the head restraint is facing the correct direction. The stalk with the adjustment notch ① must be installed in the hole with the lock knob ②.
2. Push and hold the lock knob and push the head restraint down.
3. Properly adjust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

ADJUST



For adjustable head restraint

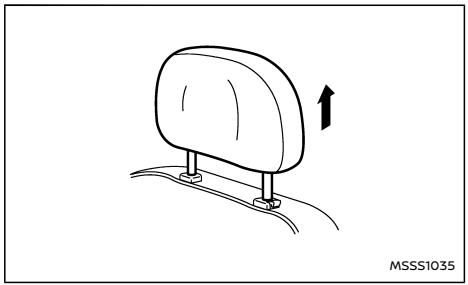
Adjust the head restraint so the centre is level with the centre of your ears. If your ear position is still higher than the recommended alignment, place the head restraint at the highest position.



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.

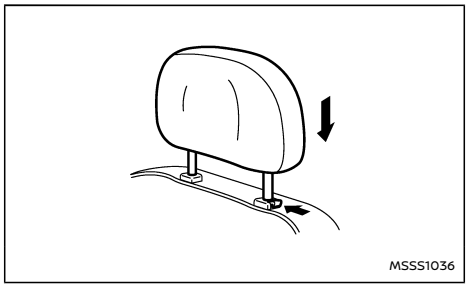
Raise



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



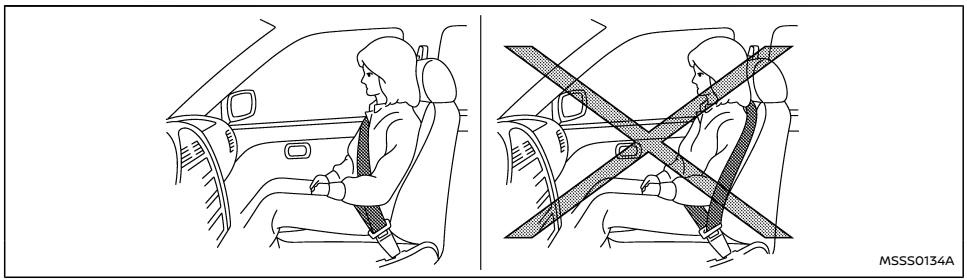
To lower, push and hold the lock knob and push the head restraint down.

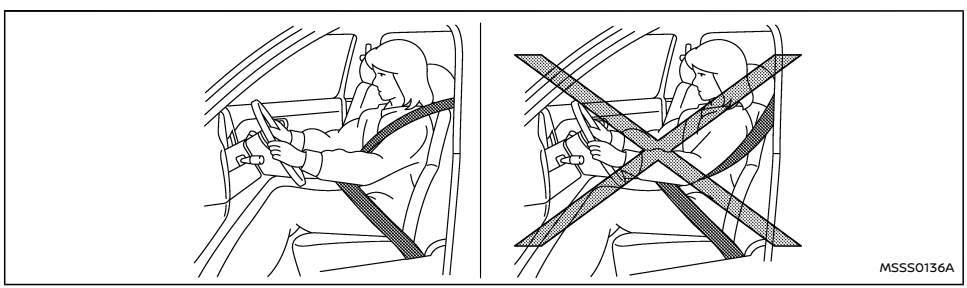
Make sure the head restraint is positioned so the lock knob is engaged in the notch before riding in that designated seating position.

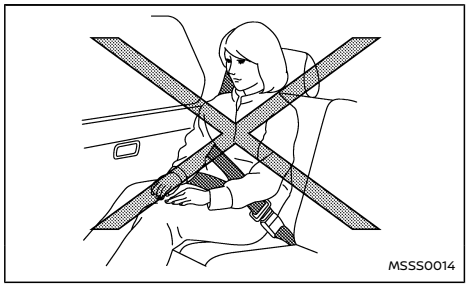
SEAT BELTS

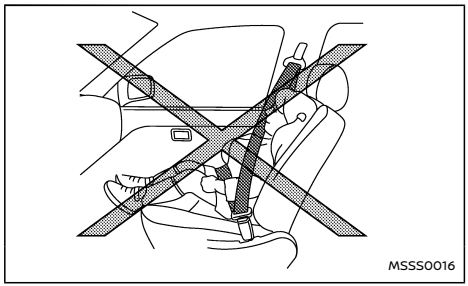
PRECAUTIONS ON SEAT BELT USAGE

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.

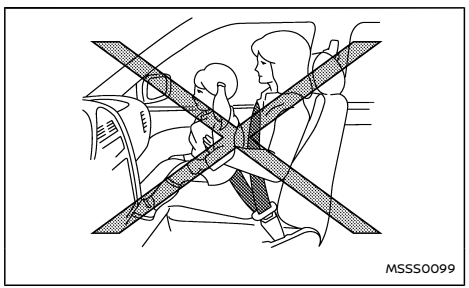
CHILD SAFETY

⚠ 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

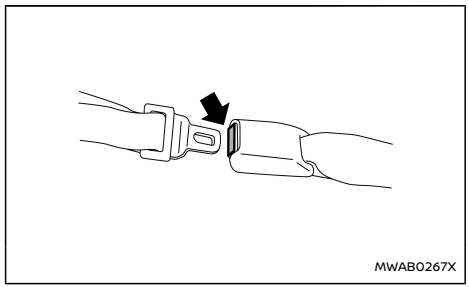
NISSAN recommends that pregnant women use seat belts. The seat belt should be worn snug, and always position the lap belt as low as possible around the hips, not the waist. Place the shoulder belt over your shoulder and across your chest. Never put the lap/shoulder belt over your abdominal area. Contact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

INJURED PERSONS

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

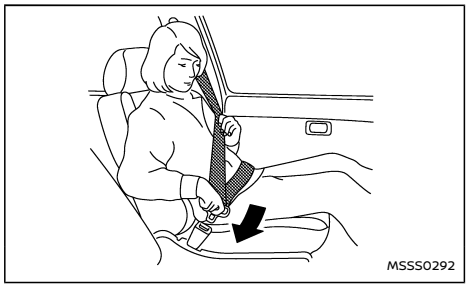
CENTRE MARK ON SEAT BELTS

Selecting correct set of seat belts


MWAB0267X

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

THREE-POINT TYPE SEAT BELTS



⚠ WARNING

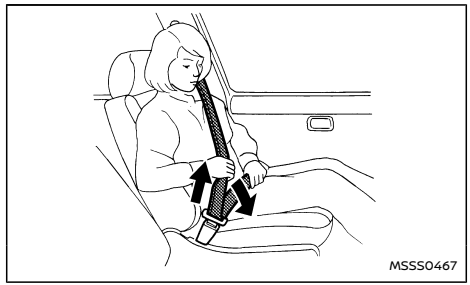
Every person who drives or rides in this vehicle should use a seat belt at all times.

Fastening seat belts

⚠ WARNING

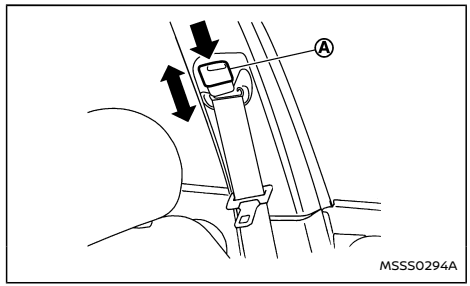
The seatback should not be in a reclined position any more than needed for comfort. Seat belts are most effective when the passenger sits well back and straight up in the seat.

1. Adjust the seat. (See "Seats" (P.56).)
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.**



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)



⚠ 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.

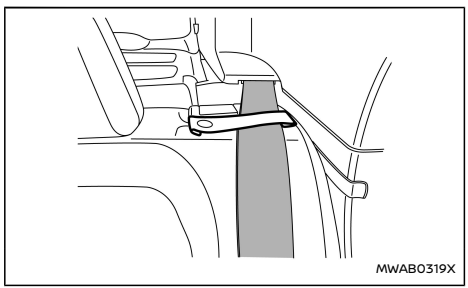
To adjust, push down the release button Ⓐ and move the shoulder belt anchor to the proper position, so that the belt passes over the centre of the shoulder.

Release the 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 guide



When the seat belt guide is used on the rear seat, the seat belt can easily be pulled out. Do not allow the seat belt to twist.

When the seat belt is released from the seat belt guide, use the seat belt guide when fastening the seat belt again.

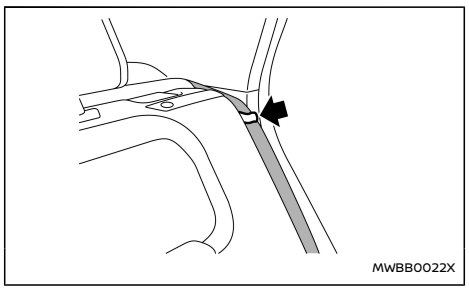
⚠ WARNING

When using the seat belt guide, make sure that the seat belt guide is securely installed to the seat. Otherwise, the seat belt may slip and could cause personal injury.

CAUTION

- **When loading or unloading a cargo with the seatback folded down, always release the seat belt from the seat belt guide. Otherwise, the seat belt guide may be damaged.**
- **Do not adjust, fold or unfold the seatback by holding the seat belt guide. Doing so may damage the seat belt guide.**

Seat belt hooks



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

Release the seat belt from the seat belt guide before putting it on the hook. (See "Seat belt guide" (P.70).)

After returning the seat to a seating position, pass the seat belt through the seat belt guide again.

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

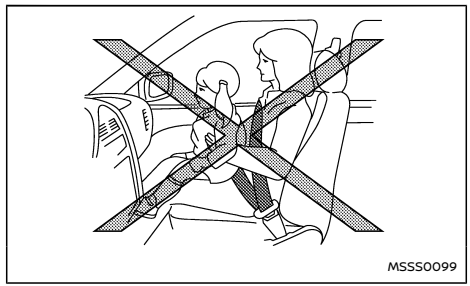
Periodically check that the seat belt and all the metal components, such as buckles, tongues, retractors, flexible wires and anchors, work properly. If loose parts, deterioration, cuts or other damage on the seat belt webbing is found, the entire seat belt assembly should be replaced.

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.

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 re-**

straint 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".

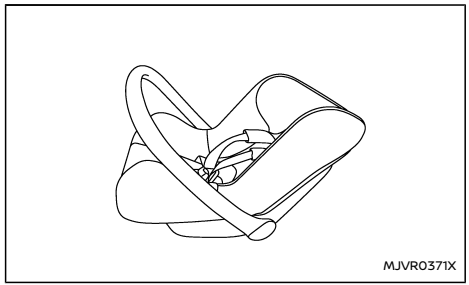
When selecting any child restraint, keep the following points in mind:

- 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.

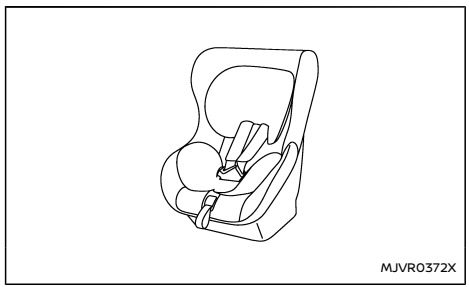
Mass group of child seat

Mass group	Child's weight
Group 0	up to 10 kg
Group 0+	up to 13 kg
Group I	9 to 18 kg
Group II	15 to 25 kg
Group III	22 to 36 kg

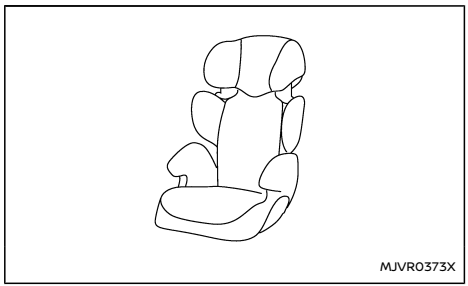
Kind of child seats (example):



Child safety seat categories 0 and 0+



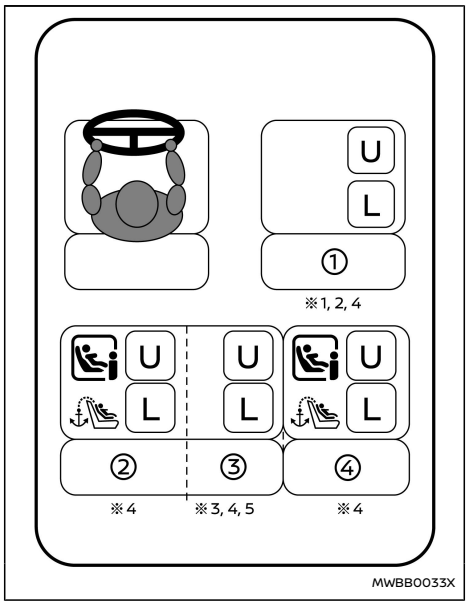
Child safety seat categories 0+ and I



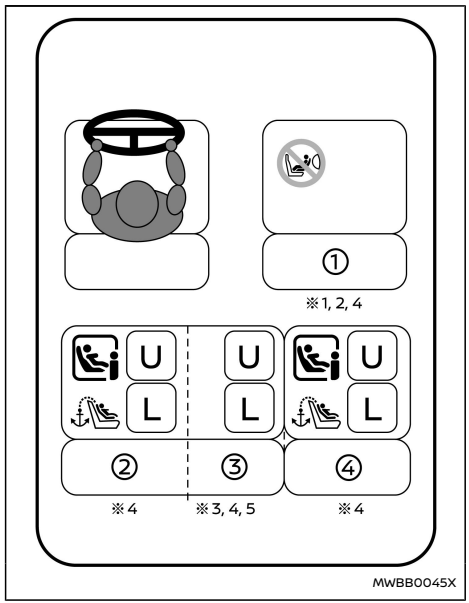
Child safety seat categories II and III

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

	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
	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
	Air Bag Activation	Air Bag Deactivation	Left	Centre	Right
Seating position suitable for general belts (Yes/No)	No	Yes	Yes	Yes	Yes
i-Size seating position (Yes/No)	No	No	Yes	No	Yes
Seating position suitable for lateral fixtures (L1/L2)	—	—	—	—	—
Suitable maximum rear-facing fixtures (R1/R2/R2X/R3)	—	—	R3	—	R3
Suitable maximum front-facing fixtures (F2/F2X/F3)	—	—	F3	—	F3
Suitable maximum booster fixtures (B2/B3)	—	—	B3	—	B3

List of recommended child restraints:

Age (approx.)	Weight (approx.)	Height (approx.)	CRS Mass Category	Recommend CRS	CRS suitable seat position				
					①		②	③	④
					Air bag Activation	Air bag Deactivation			
0 - 12 months	Up to 10 kg	< 75 cm	0	Maxi Cosi 2way Pearl + 2wayFix Base	No	No	Yes	No	Yes
0 - 18 months	Up to 13 kg	< 85 cm	0+		No	No	Yes	No	Yes
9 months - 4 years old	9 - 18 kg	76 - 105 cm	I	Britax Trifix 2 i-Size	No	No	Yes	No	Yes
4 - 6 years old	15 - 25 kg	100 - 125 cm	II	Kidfix i-Size*3	No	Yes*1*2 (Belt only)	Yes*2	Yes (Belt only)	Yes*2
6 - 10 years old	22 - 36 kg	> 125 cm	III	Kidfix i-Size*3	No	Yes*1*2 (Belt only)	Yes*2	Yes (Belt only)	Yes*2

*1 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, be sure to ensure that the front passenger air bag is deactivated.

*2 If you install a child seat, remove the head restraint.

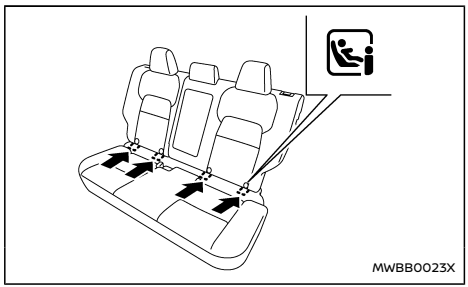
*3 It is recommended to use the lap belt Secure Guard, SICT and XP-Pad when using the Kidfix i-Size.

ISOFIX CHILD RESTRAINT SYSTEM

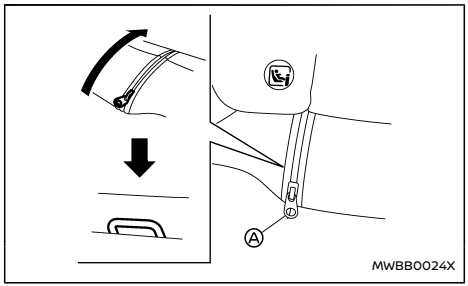
Your vehicle is equipped with special anchor points that are used with ISOFIX child restraint systems.

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



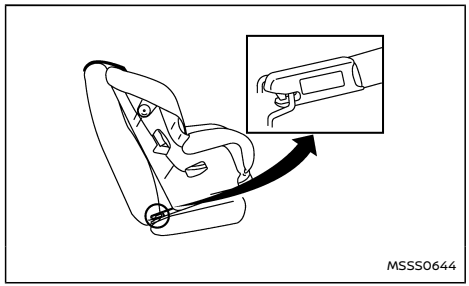
ISOFIX lower anchor location

The ISOFIX anchors are located at the rear of the seat cushion near the seatback. A label is attached to the seatback to help you locate the ISOFIX anchors.

To use the anchors, open the zipper Ⓐ as illustrated.

When the anchors are not in use, place the zipper in the open position to hide it.

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.78).)

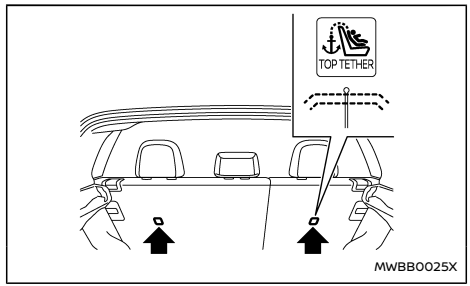
CHILD RESTRAINT ANCHORAGE

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.

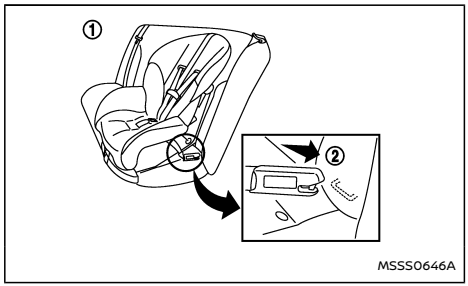
CHILD RESTRAINT INSTALLATION USING ISOFIX

⚠ WARNING

- **Attach ISOFIX child restraints only at the specified locations. For the ISOFIX lower anchor locations, see "ISOFIX child restraint system" (P.77). 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

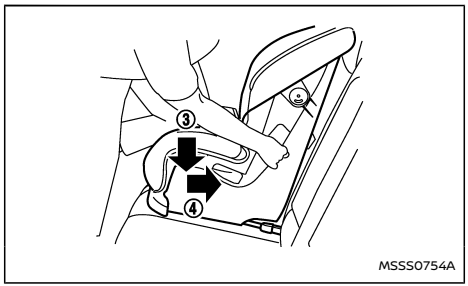
Front-facing:



Front-facing: Steps 1 and 2

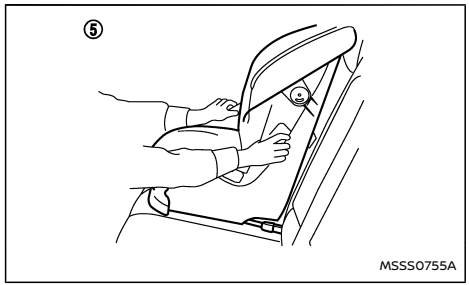
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the rear outboard seats using ISOFIX:

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.63).) 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

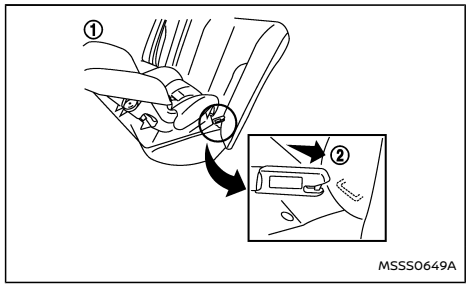
4. Shorten the rigid attachment to have the child restraint firmly tightened; press downward ③ and rearward ④ firmly in the centre of the child restraint with your knee to compress the vehicle seat cushion and seatback.
5. If the child restraint is equipped with a top tether strap, route the top tether strap and secure the tether strap to the tether anchor point. (See "Child restraint anchorage" (P.78).)
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.

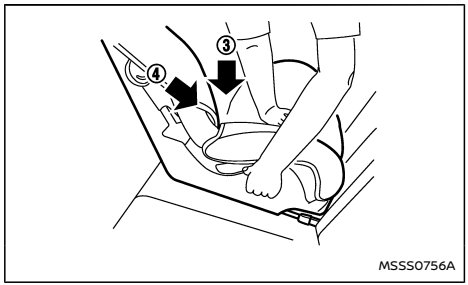
Rear-facing:



Rear-facing: Steps 1 and 2

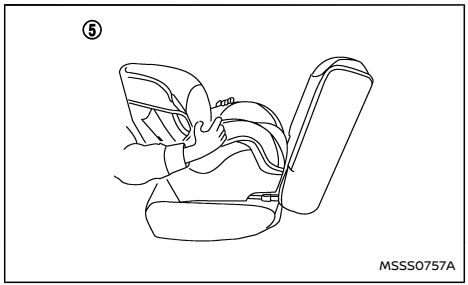
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a rear-facing child restraint on the rear outboard seats using ISOFIX:

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.78).)
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.



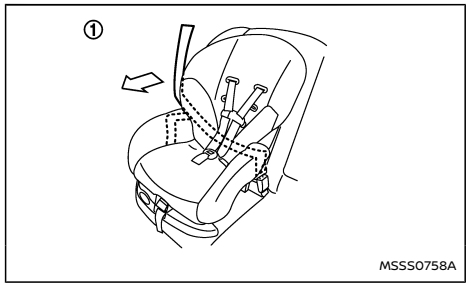
Rear-facing: Step 6

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

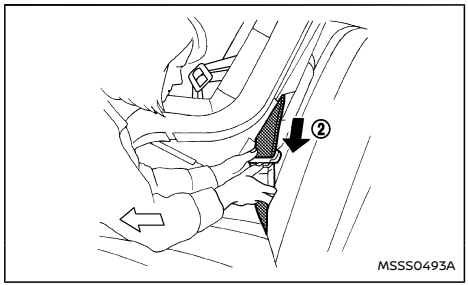
Front-facing:



Front-facing: Step 1

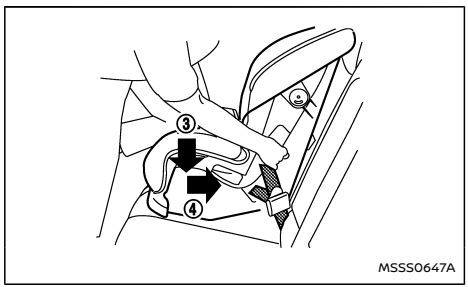
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the rear seats using three-point type seat belt without automatic locking mode:

1. Position the child restraint on the seat ①.



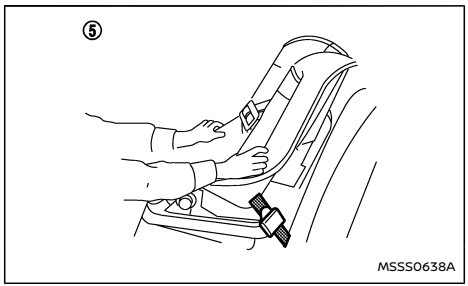
Front-facing: Step 2

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

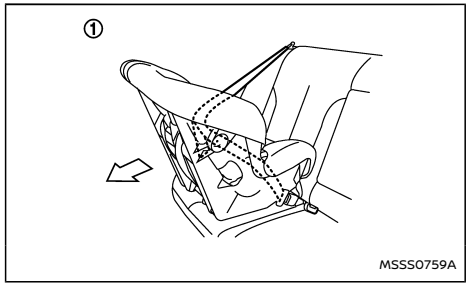
4. Remove any additional slack from the seat belt; press downward ③ and rearward ④ firmly in the centre of the child restraint with your knee to compress the vehicle seat cushion and seatback while pulling up on the seat belt. Adjustable seatbacks should be positioned to ensure full contact between child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

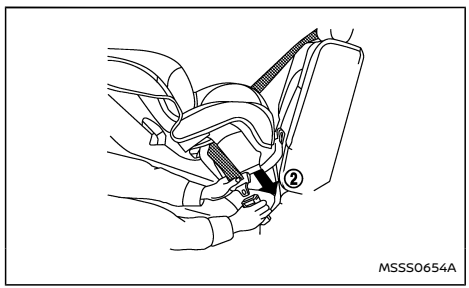
Rear-facing:



Rear-facing: Step 1

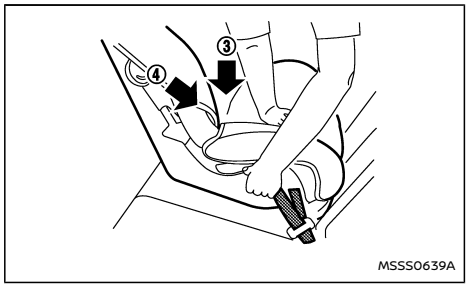
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a rear-facing child restraint on the rear seats using three-point type seat belt without automatic locking mode:

1. Position the child restraint on the seat ①.



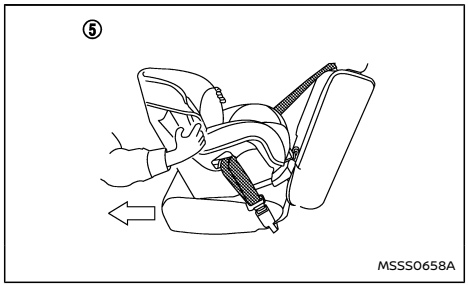
Rear-facing: Step 2

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

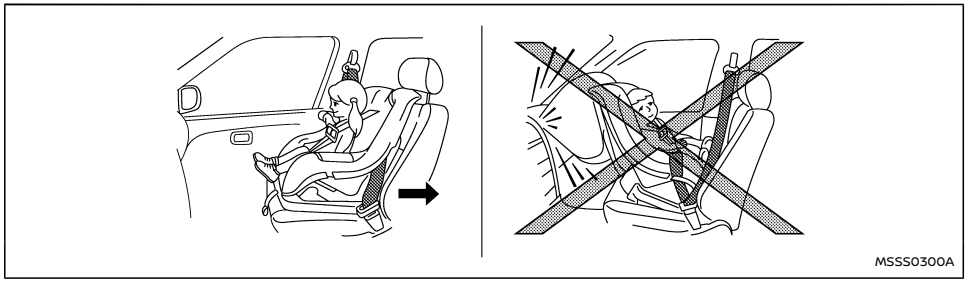
4. Remove any additional slack from the seat belt; press downward ③ and rearward ④ firmly in the centre of the child restraint with your hand to compress the vehicle seat cushion and seatback while pulling up on the seat belt.



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

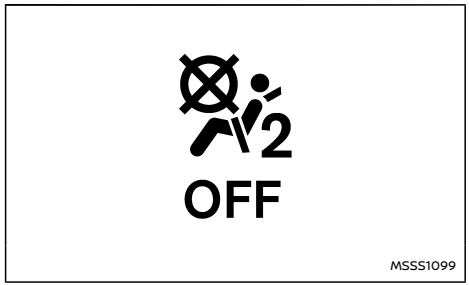
⚠ WARNING

- **Never install a rear-facing child restraint on the front passenger seat without ensuring that the front passenger air bag is deactivated. The vehicle is equipped with an automatic front-passenger front air bag deactivation system. 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:

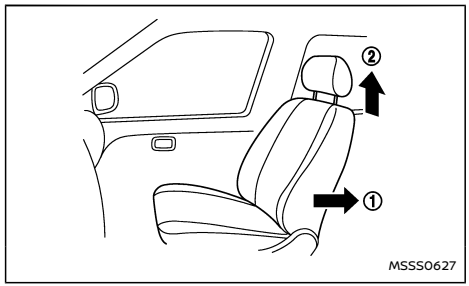
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the front passenger's seat using a three-point type seat belt.

If the child restraint is installed on the front passenger seat, place the power switch in the ON position. The front passenger air bag status light <PASSENGER AIR BAG OFF>, located on the roof console, should illuminate. If this light is not illuminated, see "Supplemental Restraint System (SRS)" (P.86). Move the child restraint to another seating position. Have the system checked by a NISSAN certified electric vehicle dealer.



MSSS1099

Front passenger air bag status light <OFF>

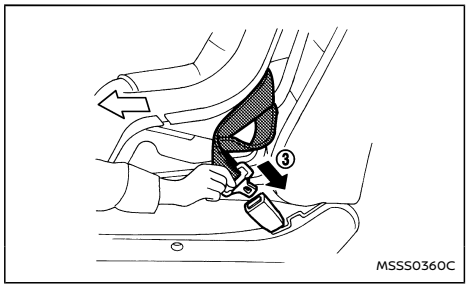


MSSS0627

Front-facing: Steps 1 and 2

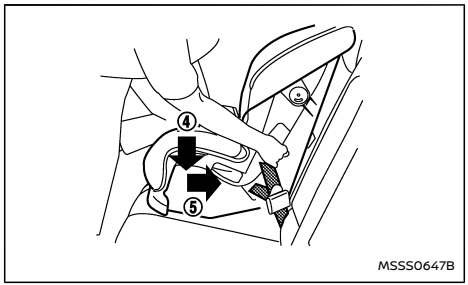
1. Move the seat to the rearmost position ①.
2. Adjust or remove the head restraint ② to obtain the correct child restraint fit.
3. Position the child restraint in the seat.

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



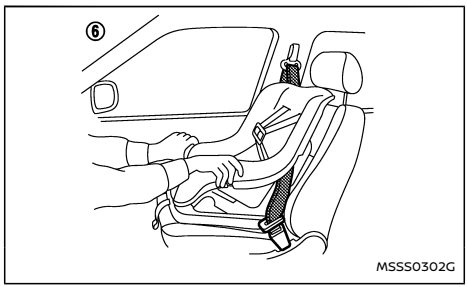
Front-facing: Step 4

4. Route the seat belt tongue through the child restraint and insert it into the buckle ③ until you hear and feel the latch engage.
5. 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

6. 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.



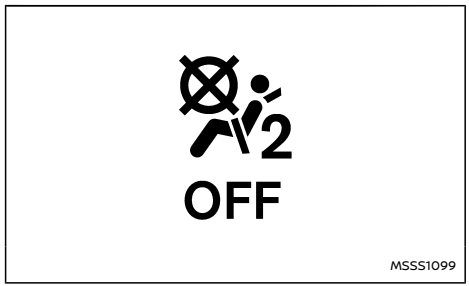
Front-facing: Step 7

7. 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.
8. 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.
9. Place the power switch in the ON position. Check the front passenger air bag status light located on the roof console. The front passenger air bag status light (OFF) should illuminate.

Rear-facing:

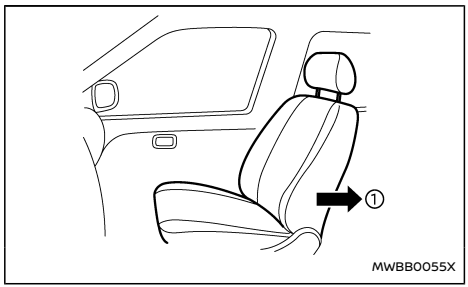
If you must install a child restraint in the front passenger's seat, follow these steps:



Front passenger air bag status light <OFF>

1. If the child restraint is installed on the front passenger seat, place the power switch in the

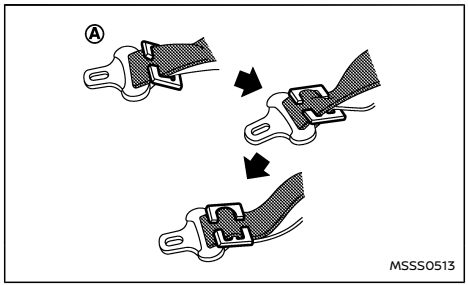
ON position. The <PASSENGER AIR BAG OFF> light , located on the roof console, should illuminate. If the <PASSENGER AIR BAG ON> light is illuminated, see "Supplemental Restraint System (SRS)" (P.86). Move the child restraint to another seating position. Have the system checked by a NISSAN certified electric vehicle dealer.



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 certified electric vehicle 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

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

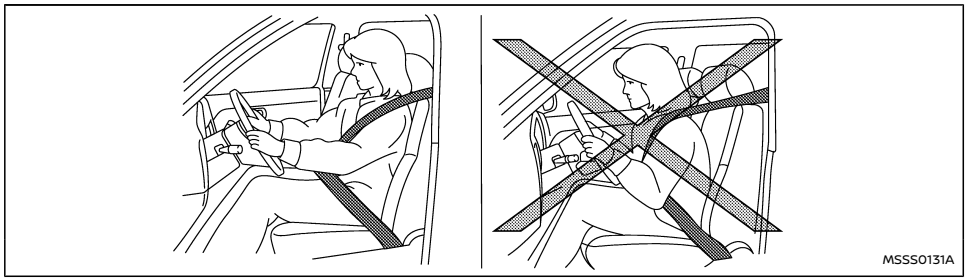
This system can help cushion the impact force to the head of the driver and passengers in front and rear outboard seating positions in certain side-impact collisions. The supplemental curtain side-impact air bag is designed to inflate on the side where the vehicle is impacted.

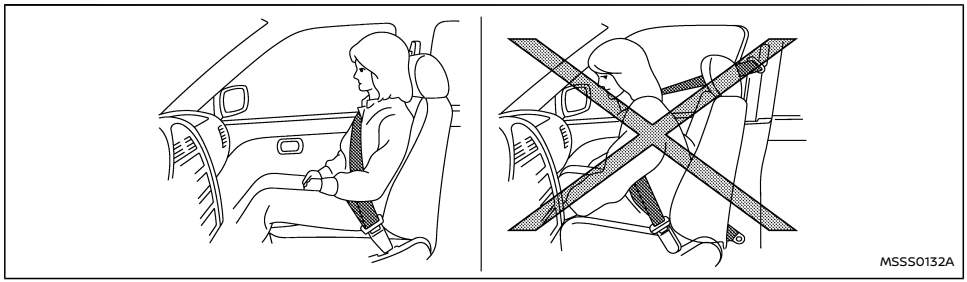
The SRS is designed to **supplement** the accident protection provided by the seat belts and **is not** designed to **substitute** for them. The SRS can help save lives and reduce serious injuries. However, inflating air bags may cause abrasions or other injuries. Air bags do not provide protection to 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.66).) 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, front centre side-impact air bag and side-impact air bags will deflate quickly after deployment. The curtain side-impact air bags will remain inflated for a short period of time.

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

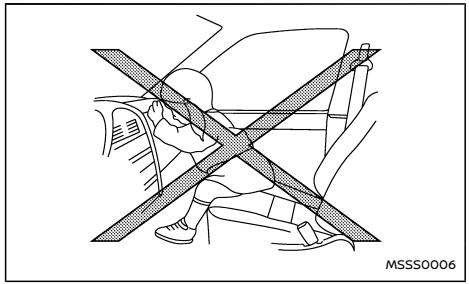
When the power switch is in the ON position, the SRS air bag warning light illuminates for about 7 seconds and then turns off. This indicates that the SRS is operational. (See "SRS air bag warning light" (P.90).)

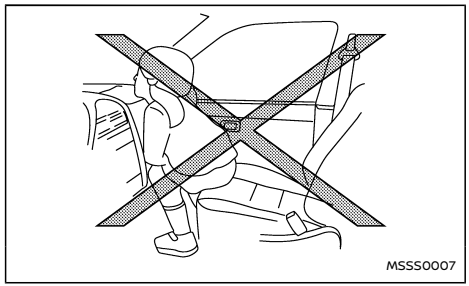

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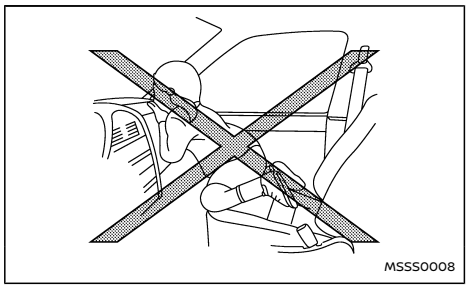

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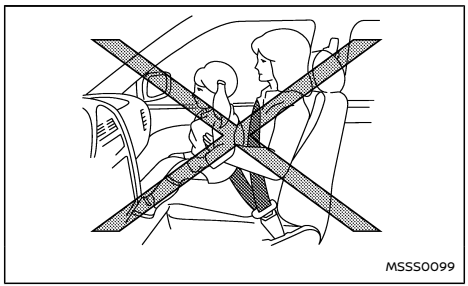
⚠ WARNING

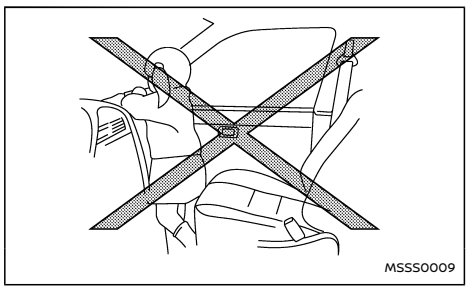
- **The supplemental front air bags ordinarily will not inflate in the event of a side impact, rear impact, rollover, or lower severity frontal collision. Always wear your seat belts to help reduce the risk or severity of injury in various kinds of accidents.**
- **The seat belts and the supplemental 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.**

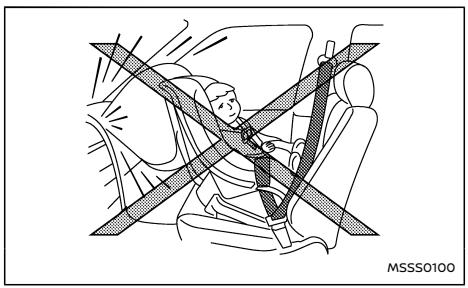

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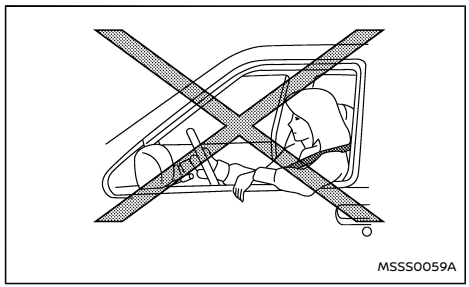

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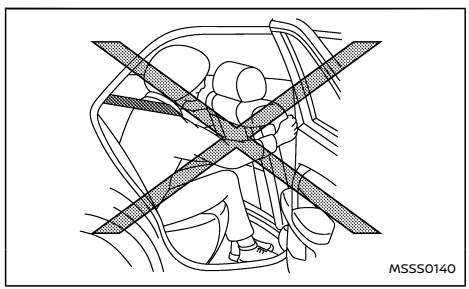

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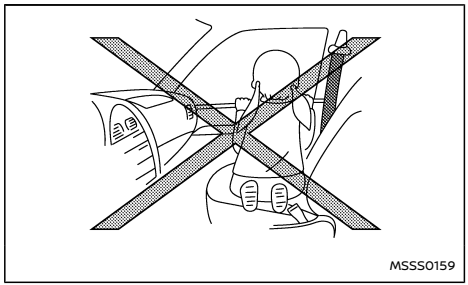

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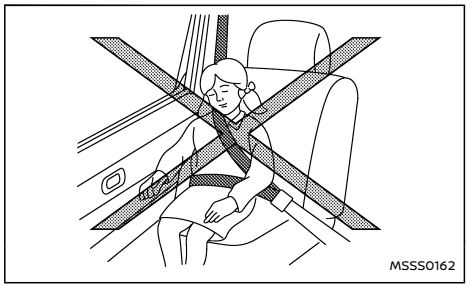
⚠ WARNING

- **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 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.71).)**


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⚠ WARNING

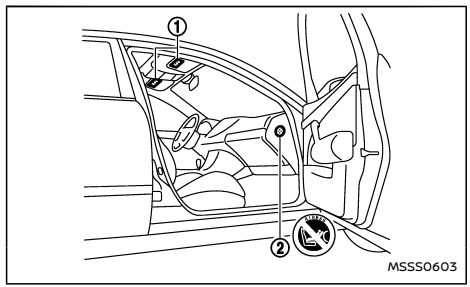
- **The supplemental front centre side-impact air bag, side-impact air bags and curtain side-impact air bags ordinarily will not inflate in the event of a front impact, rear impact, rollover, or lower severity side collision. Always wear the seat belts to help reduce the risk or severity of injury in accidents.**
- **The seat belts and the supplemental front centre 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 centre 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 centre 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 centre 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.97).)

Air bag warning labels



MSSS0603

Warning labels about the supplemental air bag system are placed in the vehicle as shown in the illustration.

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

The warning label ② is located on the side of the passenger's side instrument panel.



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.71).

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.

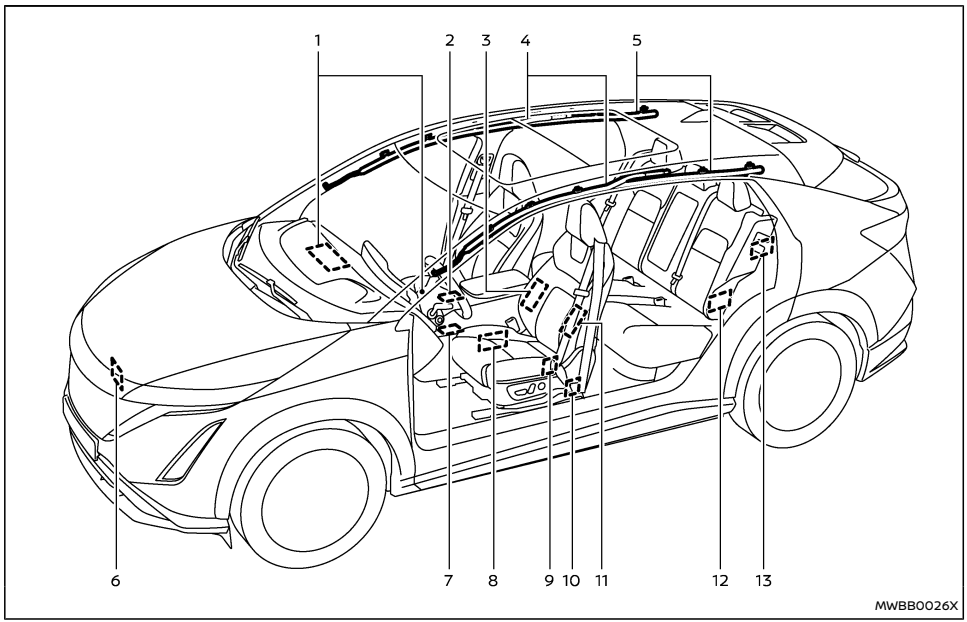
When the power switch is in the ON or READY to drive position, the SRS air bag warning light illuminates for about 7 seconds and then turns off. This indicates that the SRS air bag systems are operational.

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. Occupant classification sensor (front passenger's seat)
3. Supplemental front central side-impact air bag modules (driver's seat)
4. Supplemental curtain side-impact air bag inflators
5. Supplemental curtain side-impact air bag modules
6. Crash zone sensor
7. Air bag Control Unit (ACU)
8. Front door pressure sensors (left side shown; right side similar)
9. Lap outer pre-tensioners (left side shown; right side similar)
10. Seat belt pre-tensioner retractors (left side shown; right side similar)
11. Supplemental side-impact air bag modules (left side shown; right side similar)
12. Satellite sensors (left side shown; right side similar)
13. Seat belt pre-tensioner retractors (left side shown; 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.**

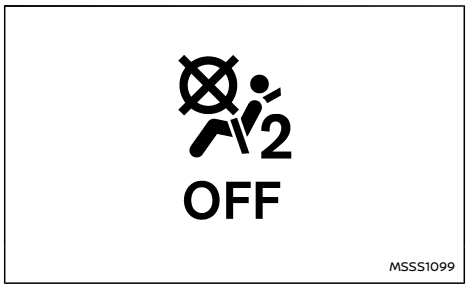
When the air bags inflate, a fairly loud noise may be heard, followed by the release of smoke. This smoke is not harmful and does not indicate a fire. Care should be taken not to inhale it, as it may cause irritation and choking. Those with a history of a breathing condition should get fresh air promptly.

Supplemental front-impact air bag system

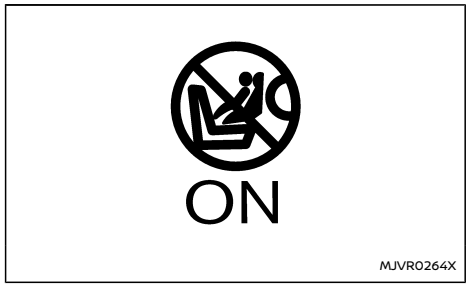
The driver's supplemental front-impact air bag is located at the centre of the steering wheel. The passenger's supplemental front-impact air bag is located at the instrument panel above the glove box.

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 ensuring that the front passenger air bag is deactivated. The vehicle is equipped with an automatic front-passenger front air bag deactivation system. 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 front passenger seat is equipped with occupant classification sensor that turns the front passenger air bag on or off depending on the type of occupant or object detected on the front passenger seat. 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.

CONDITION	DESCRIPTION	PASSENGER AIR BAG INDICATOR LIGHT OR	FRONT PASSENGER AIR BAG STATUS
Empty	Empty front passenger seat	illuminated	INHIBITED
Nissan recommended child restraint with child	Bag or Child Restraint in front passenger seat*	illuminated	INHIBITED
Adult	Adult in the front passenger seat	illuminated	ACTIVATED

* If an approved child restraint system is not being used, the passenger air bag may be active (illuminated).

In addition to the above, certain objects placed on the front passenger seat may also cause the light to operate as described above.

For additional information related to the normal operation and troubleshooting of this occupant classification sensor system, please refer to "Troubleshooting" later in this section .

Automatic front-passenger air bag deactivation system:

⚠ WARNING

The front passenger air bag is designed to automatically turn OFF under some conditions. Read this section carefully to learn how it operates. Proper use of the seat, seat belt and child restraints is necessary for most effective protection. Failure to follow all instructions in this manual concerning the use of seats, seat belts and child restraints can increase the risk or severity of injury in an accident.

In order to recognize a child restraint system on the front-passenger seat, the automatic front-passenger front air bag deactivation system categorises the person in the front passenger seat using an occupant classification sensor. Depending on that result, the front-passenger front air bag is either enabled or disabled. If a NISSAN recommended child restraint system is fitted to the front passenger seat, the <PASSENGER AIR BAG OFF> indicator light must light up after the system self-test and remain lit. The front passenger front air bag is disabled.

The occupant classification sensor in this vehicle is designed to detect the type of occupant or objects on the seat. For example, if an approved child restraint on the seat, it can be detected together with the child and cause the air bag to turn OFF.

Front passenger seat adult occupants who are properly seated and using the seat belt as outlined in this manual should automatically cause the

passenger air bag to be turned ON. However, if the occupant is not sitting correctly on the seat cushion (for example, by not sitting upright, by sitting on an edge of the seat, or by otherwise being out of position), this could cause the sensor to turn the air bag OFF. Always be sure to be seated and wearing the seat belt properly for the most effective protection by the seat belt and supplemental air bag.

NISSAN recommends that pre-teens and children be properly restrained in a rear seat. NISSAN also recommends that appropriate child restraints and booster seats be properly installed in a rear seat. If this is not possible, the occupant classification sensor is designed to operate as described above to turn the front passenger air bag OFF for NISSAN recommended child restraints. Failing to properly secure child restraints may allow the restraint to tip or move in an accident or sudden stop. This can also result in the passenger air bag inflating in a crash instead of being OFF. (See "Child restraints" later in this section for proper use and installation.)

If the front passenger seat is not occupied, the passenger air bag are designed not to inflate in a crash. However, heavy objects placed on the seat could result in air bag inflation, because of the way the object is detected by the occupant classification sensor. Other conditions could also result in air bag inflation, such as if a child is standing on the seat, or if two children are on the seat, if the seat is wet, or if an electrical device is on the seat, contrary to the instructions in this manual. Always be sure that you and all vehicle occupants are seated and restrained properly.

Using the front passenger air bag status light, you can monitor when the front passenger air bag is automatically turned OFF

If an adult occupant is in the seat but the <PASSENGER AIR BAG OFF> indicator light is illuminated (indicating that the front passenger air bag is OFF), it could be that the person is not sitting on the seat properly. If a seat cover or additional cushion is used, this may also prevent the occupant classification sensor from detecting an adult correctly.

If a child restraint must be used in the front seat, the <PASSENGER AIR BAG OFF> indicator light may or may not be illuminated, depending on the size of the child and the type of child restraint being used. If the <PASSENGER AIR BAG OFF> light is not illuminated (indicating that the air bag might inflate in a crash), it could be that the child restraint or seat belt is not being used properly. Make sure that the child restraint is installed properly, the seat belt is used properly and the occupant is positioned properly. If the <PASSENGER AIR BAG OFF> light is not illuminated, reposition the occupant or child restraint in a rear seat.

If the <PASSENGER AIR BAG OFF> light will not illuminate even though you believe that the child restraint, the seat belts and the occupant are properly positioned, it is recommended that you take your vehicle to a NISSAN certified electric vehicle dealer. A NISSAN certified electric vehicle dealer can check the system status by using a special tool. However, until you have confirmed with your dealer that your air bag is working properly, reposition the occupant or child restraint in a rear seat.

The air bag system and front passenger air bag status lights will take a few seconds to register a change in the passenger seat status. This is normal system operation and does not indicate a malfunction.

If a malfunction occurs in the front passenger air bag system, the supplemental air bag warning light , located in the meters and gauges area, will illuminate (blinking or steadily lit). Also, if the seat is wet and the system cannot work correctly, the system will deactivate the passenger air bag temporarily and illuminate the supplemental air bag warning light until seat is dry. Have the system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Normal operation:

In order for the occupant classification sensor system to classify the front passenger, please follow the precautions and steps outlined below:

Precautions:

- Make sure that a child restraint or other object is not pressing against the rear of the seatback.
- Make sure that a rear passenger is not pushing or pulling on the back of the front passenger seat.
- Make sure that the front passenger seat or seatback is not forced back against an object on the seat or floor behind it.
- Make sure that there is no object placed under the front passenger seat.
- Make sure that the front passenger seat head restraint does not contact the roof when

adjusting the front passenger seat.

- Make sure the seat is dry.
- Make sure no electrical devices are placed on the seat.
- Make sure additional non-original seat covers or cushions are not used on the front passenger seat.
- Make sure the occupant of the seat is not wearing heavily padded clothing items.

Steps:

1. Adjust the seat as outlined. (See "Seats" earlier in this section.) Sit upright, leaning against the seatback, and centered on the seat cushion with your feet comfortably extended to the floor.
2. Make sure there are no objects on your lap.
3. Fasten the seat belt as outlined. (See "Seat belts" earlier in this section.) Front passenger seat belt buckle status is monitored by the occupant classification system, and is used as an input to determine occupancy status. So, it is highly recommended that the front passenger fastens their seat belt.
4. Remain in this position for several seconds allowing the system to classify the front passenger before the vehicle is put into motion.
5. Ensure proper classification by checking the front passenger air bag status light.

NOTE:

This vehicle's occupant classification sensor system generally keeps the classification locked during driving, so it is important that you confirm that the front passenger is properly classified prior to driving. However, the occupant classification sensor system may recalculate the classification of the occupant under some conditions (both while driving and when stopped), so the front passenger seat occupant should continue to remain seated as outlined above.

⚠ WARNING

If the <PASSENGER AIR BAG OFF> indicator light is lit, the front-passenger front air bag is disabled. It will not be deployed in the event of an accident and cannot perform its intended protective function. A person in the front passenger seat could then, for example, come into contact with the vehicle's interior, especially if the person is sitting too close to the dashboard. This poses an increased risk of injury or even fatal injury.

When the front-passenger seat is occupied, always make sure that:

- **The classification of the person in the front passenger seat is correct and that the front passenger front air bag is enabled or disabled in accordance with the person in the front passenger seat.**
- **The front-passenger seat has been moved back as far back as possible.**
- **The person is seated correctly.**

If you secure a child on the front passenger seat in a rearward-facing child restraint system and the <PASSENGER AIR BAG ON> indicator lights up, the passenger's air bag could be deployed in the event of an accident. The child could be struck by the air bag. There is an increased risk of injury, possibly even fatal. In this case, always ensure that the passenger's air bag is disabled. The <PASSENGER AIR BAG OFF> indicator must light up.

Troubleshooting:

If you think the front passenger air bag status light is incorrect:

1. If the <PASSENGER AIR BAG OFF> light is lit with an adult occupying the front passenger seat:

This may be due to the following conditions that may be interfering with the occupant classification sensor:

- Occupant is not sitting upright, leaning against the seatback, and centered on the seat cushion with his/her feet comfortably extended to the floor.
- A child restraint or other object pressing against the rear of the seatback.
- A rear passenger pushing or pulling on the back of the front passenger seat.
- Forcing the front seat or seatback against an object on the seat or floor behind it.
- An object placed under the front passenger seat.
- An object placed between the seat cushion and centre console or between the seat cushion and the door.

- The seat is wet or damp.
- An electrical device like a smartphone or tablet PC is placed on the seat.
- Non-original seat covers or cushions are used on the front passenger seat
- The occupant of the seat is wearing heavily padded clothing items.

If the vehicle is moving, please come to a stop when it is safe to do so. Check and correct any of the above conditions. Restart the vehicle.

NOTE:

A system check will be performed during which the front passenger air bag status lights will remain lit for about 7 seconds initially.

If the <PASSENGER AIR BAG OFF> light is still lit after this, the person should be advised not to ride in the front passenger seat and the vehicle should be checked as soon as possible. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

2. If the <PASSENGER AIR BAG ON> light is lit with a child restraint occupying the front passenger seat.

This may be due to the following conditions that may be interfering with the occupant classification sensor:

- The child restraint is not properly installed, as outlined. (See “Child restraints” (P.71).)
- A child restraint or other object pressing against the rear of the seatback.
- A rear passenger pushing or pulling on the back of the front passenger seat.
- Forcing the front seat or seatback against an object on the seat or floor behind it.
- An object placed under the front passenger seat.
- An object placed between the seat cushion and centre console or between the seat cushion and the door.
- The seat is wet or damp.
- An electrical device like a smartphone or tablet PC is placed on the seat.
- The front passenger seat head restraint contacting the roof.

If the vehicle is moving, please come to a stop when it is safe to do so. Check and correct any of the above conditions. Restart the vehicle.

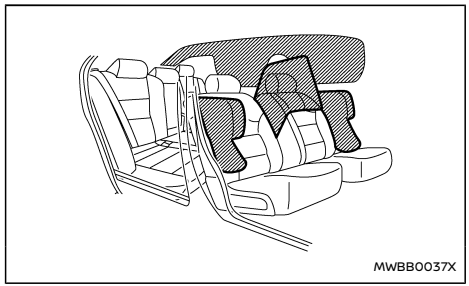
NOTE:

A system check will be performed during which the front passenger air bag status light will remain lit for about 7 seconds initially

If the <PASSENGER AIR BAG ON> light is still lit after this, the child restraint should be repositioned in the rear seat and it is recommended that the vehicle should be checked by a NISSAN certified electric vehicle dealer as soon as possible.

3. If the <PASSENGER AIR BAG ON> light is lit with no front passenger and no objects on the front passenger seat, the vehicle should be checked as soon as possible. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

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

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 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.

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.**
- **If there is an impact to your vehicle from any direction, your occupant classification sensor should be checked to verify it is still functioning correctly. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service. The occupant classification sensor should be checked even if no air bags deploy as a result of the impact. Failure to verify proper occupant classification sensor function may result in an improper air bag deployment resulting in injury or death.**

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.

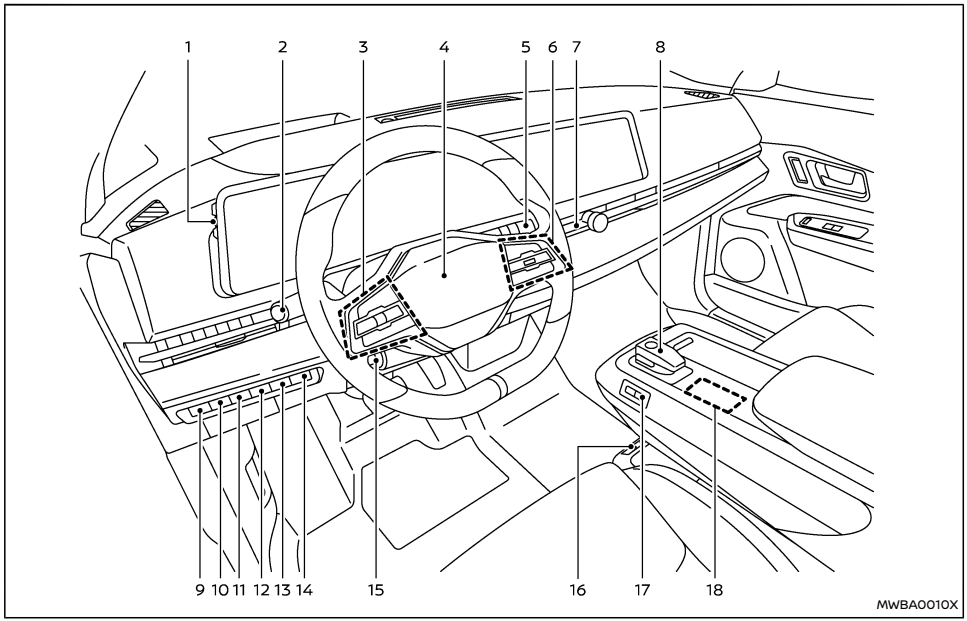
When maintenance work is required on the vehicle, information about the air bags, pre-tensioner seat belts and related parts should be pointed out to the person performing the maintenance. The power switch should always be in the “OFF” position when working under the bonnet or inside the vehicle.

2 Instruments and controls

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LEFT-HAND DRIVE (LHD) MODEL

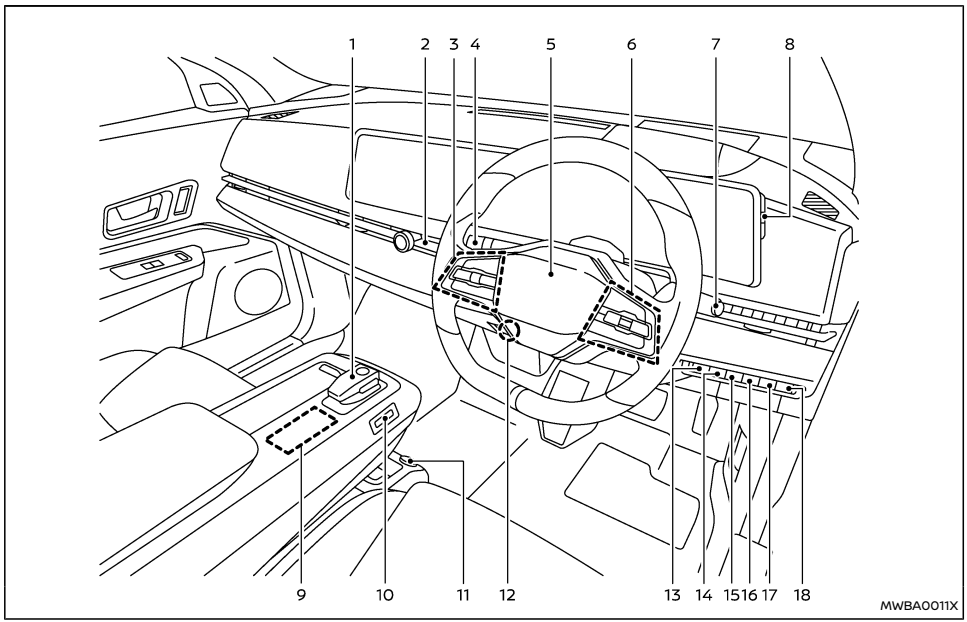


1. Instrument brightness control
2. Headlight and turn signal switch/Fog light switch
3. Steering-wheel-mounted controls (left side)
   - — Audio control**
   - — Vehicle information display control
4. Steering wheel
   - — Horn
5. Wiper and washer switch
6. Steering-wheel-mounted controls (right side)
   - — Speed limiter switches
   - — Cruise control switches*
   - — Intelligent Cruise Control (ICC) switches*
   - — ProPILOT switch*
   - — Bluetooth® Hands-Free Phone System switches**
   - — Voice Recognition system switch**
7. Hazard indicator flasher switch
8. Shift lever/Park button
9. Headlight aiming control switch*
10. Steering Assist switch* (models with ProPILOT system) or dynamic driver assistance switch* (models without ProPILOT system)
11. Head Up Display (HUD) switch*
12. Automatic brake hold switch
13. Immediate charge switch
14. Power liftgate switch*
15. Tilt and telescopic steering wheel control
16. Power outlet
17. Power sliding armrest switch*
18. Haptic switches
    - — Drive Mode Selector
    - — e-Pedal switch
    - — ProPILOT Park switch*
    - — Flexible centre storage control switch*

*: where fitted

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

RIGHT-HAND DRIVE (RHD) MODEL



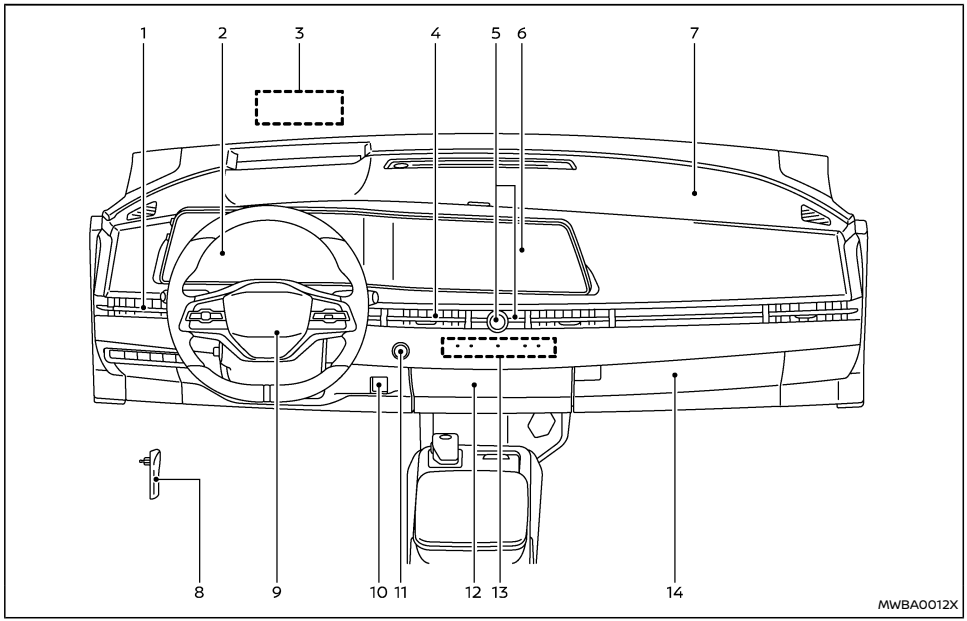
1. Shift lever/Park button
2. Hazard indicator flasher switch
3. Steering-wheel-mounted controls (left side)
   — Audio control**
   — Vehicle information display control
4. Headlight and turn signal switch/Fog light switch
5. Steering wheel
   — Horn
6. Steering-wheel-mounted controls (right side)
   — Speed limiter switches
   — Cruise control switches*
   — Intelligent Cruise Control (ICC) switches*
   — ProPILOT switch*
   — Bluetooth® Hands-Free Phone System switches**
   — Voice Recognition system switch**
7. Wiper and washer switch
8. Instrument brightness control
9. Haptic switches
   — Drive Mode Selector
   — e-Pedal switch
   — ProPILOT Park switch*
   — Flexible centre storage control switch*
10. Power sliding armrest switch*
11. Power outlet
12. Tilt and telescopic steering wheel control
13. Power liftgate switch*
14. Immediate charge switch
15. Automatic brake hold switch
16. Head Up Display (HUD) switch*
17. Steering Assist switch* (models with ProPILOT system) or dynamic driver assistance switch* (models without ProPILOT system)
18. Headlight aiming control switch*

*: where fitted

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

INSTRUMENT PANEL

LEFT-HAND DRIVE (LHD) MODEL

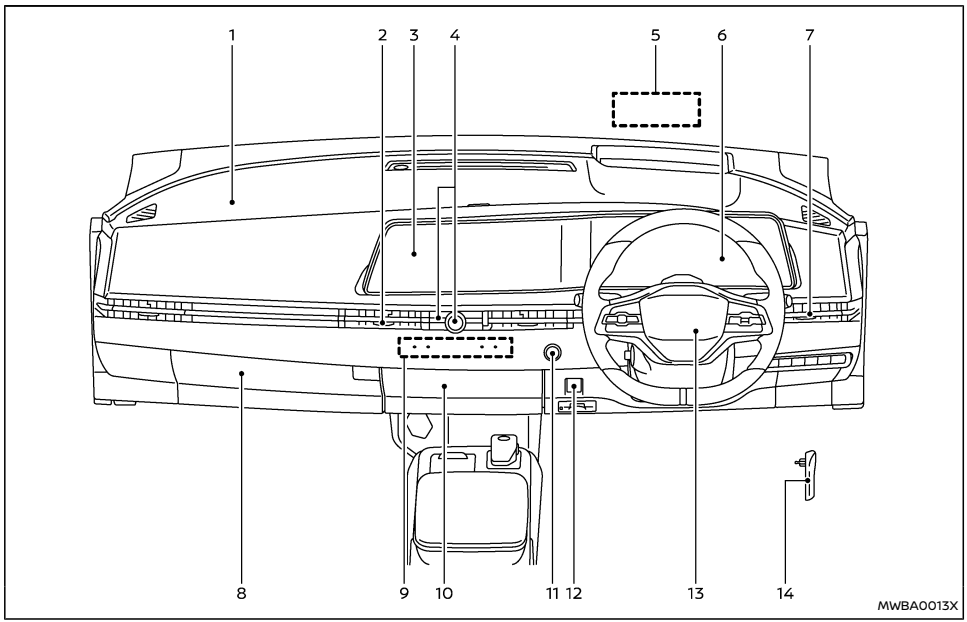


1. Side vent
2. Meters and gauges/Vehicle information display/Clock
3. Head Up Display (HUD)*
4. Centre vent
5. Audio switches**
6. Touch screen display
   - — Audio system** or navigation system**
   - — Rear view monitor*
   - — Intelligent Around View Monitor*
   - — Bluetooth® Hands-Free Phone System**
   - — Heater and air conditioner control
   - — Heated seat*
   - — Climate controlled seat*
   - — Heated windscreen*
   - — Heated steering wheel*
7. Front passenger supplemental air bag
8. Bonnet release handle
9. Driver supplemental front-impact air bag
10. Parking brake switch
11. Push-button power switch
12. Flexible centre storage
13. Heater and air conditioner control
    - — Rear window and outside mirror defroster switch
14. Glove box

*: where fitted

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

RIGHT-HAND DRIVE (RHD) MODEL

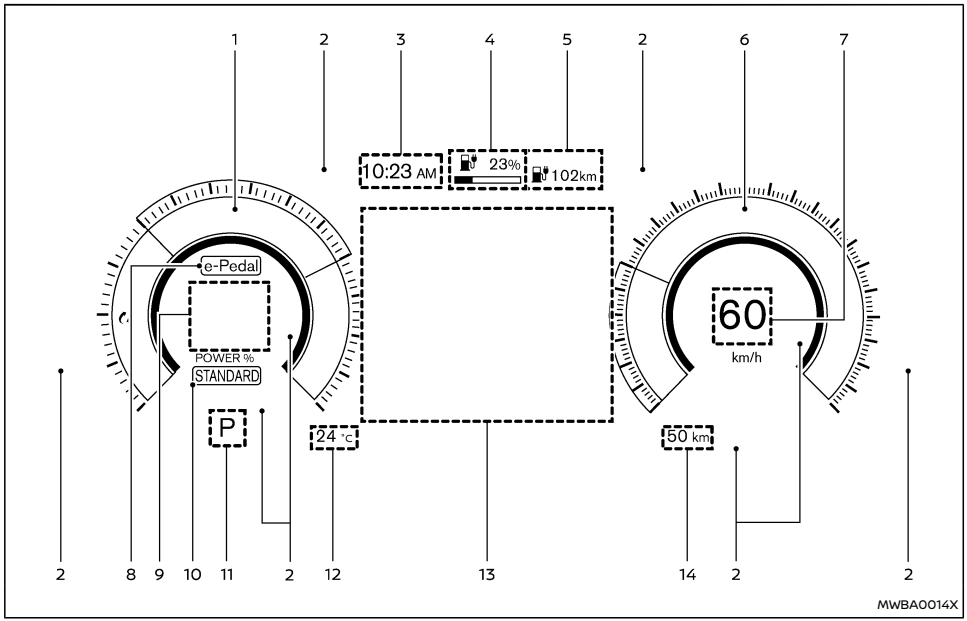


1. Front passenger supplemental air bag
2. Centre vent
3. Touch screen display
   - — Audio system** or navigation system**
   - — Rear view monitor*
   - — Intelligent Around View Monitor*
   - — Bluetooth® Hands-Free Phone System**
   - — Heater and air conditioner control
   - — Heated seat*
   - — Climate controlled seat*
   - — Heated windscreen*
   - — Heated steering wheel*
4. Audio switches**
5. Head Up Display (HUD)*
6. Meters and gauges/Vehicle information display/Clock
7. Side vent
8. Glove box
9. Heater and air conditioner control
   - — Rear window and outside mirror defroster switch
10. Flexible centre storage
11. Push-button power switch
12. Parking brake switch
13. Driver supplemental front-impact air bag
14. Bonnet release handle

*: where fitted

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

METERS AND GAUGES

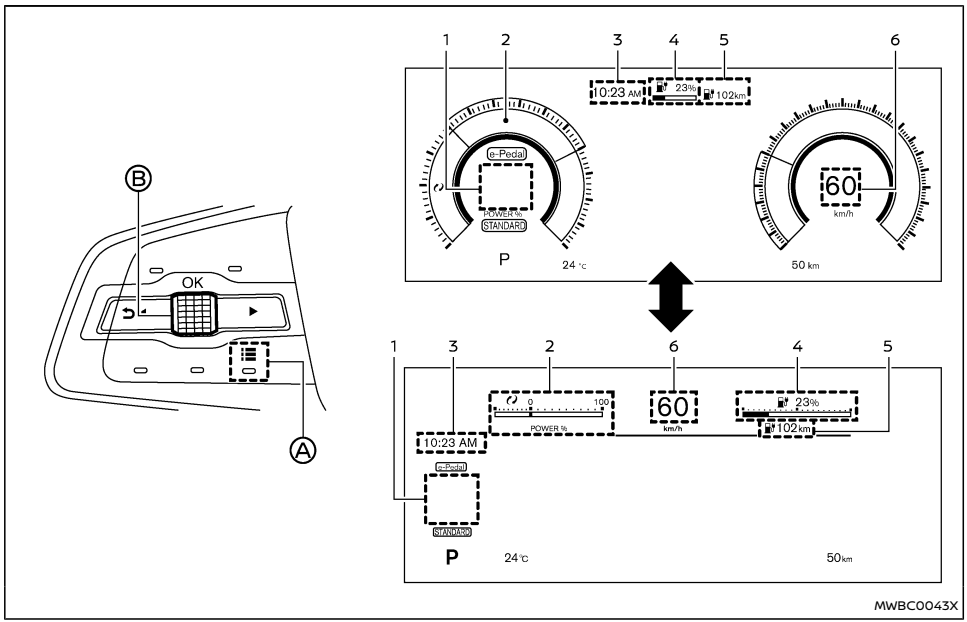


1. Power meter
2. Warning and indicator lights
3. Clock
4. Li-ion battery available charge gauge
5. Driving range
6. Speedometer
7. Vehicle speed
8. e-Pedal indicator
9. Personal display
10. Drive Mode Selector indicator
11. Shift position indicator
12. Outside air temperature
13. Vehicle information display
14 Odometer

The view of the meter screen can be changed. (See "Changing the meter screen view" (P.106).)

- 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



1. Personal display
2. Power meter
3. Clock
4. Li-ion battery available charge gauge
5. Driving range
6. Vehicle speed

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

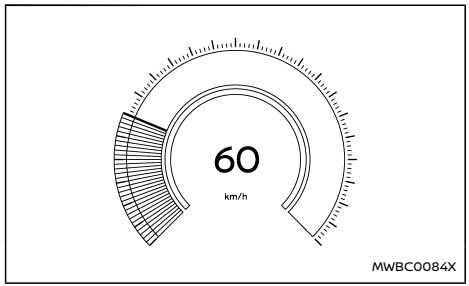
To change the meter screen view:

1. Push the ☰ Ⓐ on the left 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.

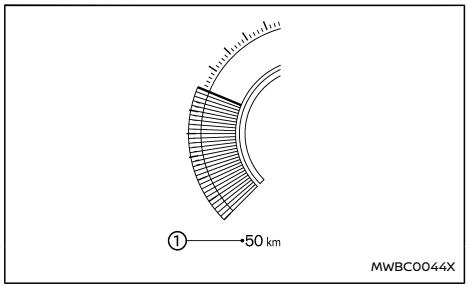
SPEEDOMETER AND ODOMETER

Speedometer



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

Odometer

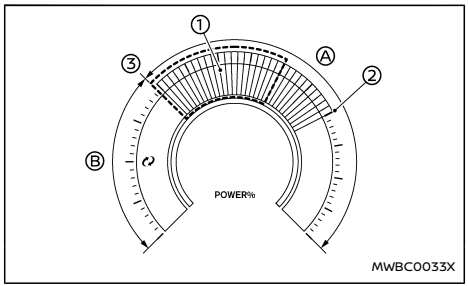


The odometer ① is displayed in the vehicle information display:

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

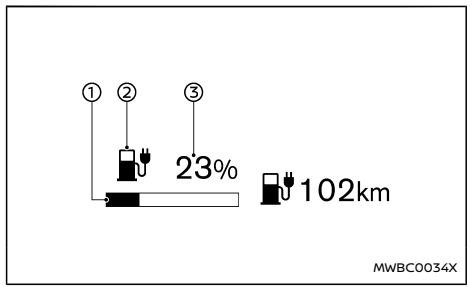
The white illuminated part moves to the left when power is generated and provided to the Li-ion battery by the regenerative brake system (Li-ion battery charging).

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.

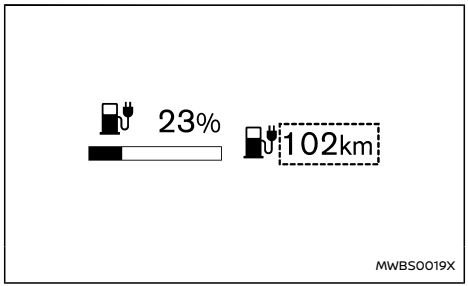
Charge the Li-ion battery before the percentage figure becomes "0".

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.**

DRIVING RANGE



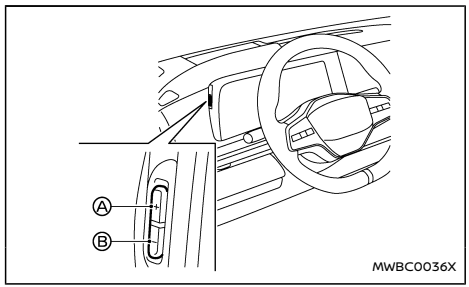
The driving range (km or miles) provides an estimated distance that the vehicle can be driven before recharging is necessary. The driving range is constantly being calculated, based on the amount of available Li-ion battery charge and the actual power consumption average.

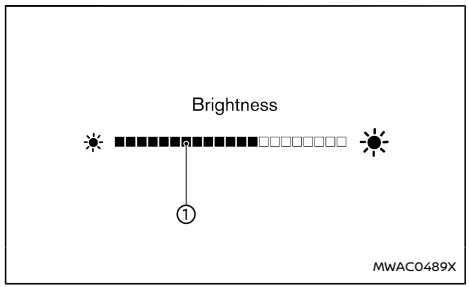
The displayed driving range is the distance calculated based on the current driving style.

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 actual 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.**

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.

Push the + switch Ⓐ to brighten the instrument panel lights. The bar ① moves to the right side.

Push the - switch Ⓑ to dim the lights. The bar ① moves to the left 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.131).)

e-Pedal INDICATOR

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

For additional information, see "e-Pedal Step system" (P.258).

WARNING LIGHTS, INDICATOR LIGHTS AND AUDIBLE REMINDERS

Warning/indicator lights (red)

- 12-volt battery charge warning light
- Brake warning light (red)
- Electric shift control system warning light
- Electronic parking brake warning light
- electric vehicle system warning light
- Hands OFF warning light (where fitted)
- Master warning light
- Seat belt warning light and chime
- Supplemental air bag warning light

Warning/indicator lights (yellow)

- Anti-lock Braking System (ABS) warning light
- Approaching Vehicle Sound for Pedestrians (VSP) OFF indicator light
- Intelligent Emergency Braking system OFF warning light
- Brake system warning light (yellow)
- Electric power steering warning light
- Low battery charge warning light
- Low tyre pressure warning light
- Master warning light
- Rear Automatic Braking (RAB) system OFF warning light (where fitted)
- Slip indicator light
- Electronic Stability Programme (ESP) off indicator light

Warning/indicator lights (other)

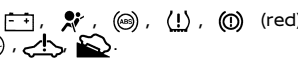
- Adaptive LED headlight indicator light (where fitted)
- Automatic brake hold indicator light (white)
- Automatic brake hold indicator light (green)
- Exterior light indicator
- Front fog light indicator light (where fitted)
- High beam assist indicator light (where fitted)
- High beam indicator light
- Hill Start Assist system indicator light
- Plug in indicator light
- Power limitation indicator light
- READY to drive indicator light
- Rear fog light indicator light
- Turn signal/hazard indicator lights

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 electric vehicle system. The following lights (where fitted) will come on:



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



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.120).

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. The light will turn off when the power switch is placed in the READY to drive position.

When this warning light illuminates, a chime sounds and the following warning lights also illuminate.

- Master warning light (red)
- electric vehicle 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 park button on the shift lever to place the vehicle in the P (Park) position. The warning and the chime stop when 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.427).**
- **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 illuminates 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.446).)
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.114).)

⚠ 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 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.

Electronic parking brake warning light

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

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

If the parking brake is not released, the electronic parking brake warning light remains on. Be sure that the electronic parking brake warning light has turned off before driving. (See "Parking brake" (P.260).)

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

electric vehicle system warning light

When the power switch is in the ON position, the electric vehicle 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 electric vehicle system shut off" (P.253).

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.356).)

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.120).

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.

All occupants are deemed fastened when all occupants 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.120)) 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 steering wheel switch.

The display will remain until occupants have their seat belts securely fastened, or until acknowledged by the driver pushing the <OK> steering wheel switch.

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.71)). 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.86).

⚠ 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.

WARNING/INDICATOR LIGHTS (yellow)

See "Vehicle information display" (P.120).

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.389).)

Approaching Vehicle Sound for Pedestrians (VSP) OFF INDICATOR LIGHT

If the VSP OFF indicator illuminates while the VSP system is ON, it will may indicate the VSP 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.30).

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 electric vehicle system, the warning light turns off.

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

If the light illuminates or flashes when the Intelligent Emergency Braking with Pedestrian Detection system is ON, it may indicate that the system is unavailable. See "Intelligent Emergency Braking with Pedestrian Detection" (P.363) or "Intelligent Forward Collision Warning" (P.373).

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

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.446).

⚠ 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

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 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.

When the electric power steering warning light illuminates, 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.388).

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.120), "Tyre Pressure Monitoring System (TPMS)" (P.247) and "Tyre Pressure Monitoring System (TPMS)" (P.423).

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.247).

⚠ 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.**

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.120).

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 electric vehicle system is started.

This light illuminates when the RAB system is turned off in the vehicle information display.

If the light illuminates 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.381).

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.391) of this manual.

Electronic Stability Programme (ESP) OFF INDICATOR LIGHT

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

Turn the ESP on using the vehicle information display, or restart the electric vehicle system and the system will operate normally. (See "Electronic Stability Programme (ESP) system" (P.391).)

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 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.

WARNING/INDICATOR LIGHTS (other)

See "Vehicle information display" (P.120).

Adaptive LED headlight indicator light (where fitted)

The adaptive LED headlight indicator light illuminates when the adaptive LED headlight system is turned on and it is operational. (See "Adaptive LED headlight (where fitted)" (P.154).)

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.262).)

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.262).)

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. (See "Fog light switch" (P.157).)

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.152).)

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.394).

Plug in indicator light

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

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.

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 electric vehicle system is high (motor, inverter, coolant system, Li-ion battery etc.).
- When the electric vehicle 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 electric vehicle 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.

NOTE:

You can reduce charging time and keep the Li-ion battery temperature lower if you:

- **Charge more frequently in smaller amounts, and**
- **Keep the battery at a higher level of charge.**

READY READY to drive indicator light

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

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

- Certain Electric Vehicle (EV) 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.429).

Rear fog light indicator light

The rear fog light indicator light illuminates when the rear fog light is on. (See "Fog light switch" (P.157).)

Turn signal/hazard indicator lights

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

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 park button on the shift lever 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.254).

Door lock warning chime

When the chime sounds, be sure to check both the vehicle and the Intelligent Key. See "Troubleshooting guide" (P.188).

Driving Aid chimes (where fitted)

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

- Lane Departure Warning (LDW)
- Intelligent Lane Intervention
- Emergency Lane Assist (ELA)
- Blind Spot Warning (BSW)
- Intelligent Blind Spot Intervention
- Rear Cross Traffic Alert (RCTA)
- Intelligent Cruise Control (ICC)
- ProPILOT
- Intelligent Emergency Braking with Pedestrian Detection
- Intelligent Forward Collision Warning
- Intelligent Driver Alertness
- Rear Automatic Braking (RAB)
- Parking sensor (sonar)

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

Light reminder chime

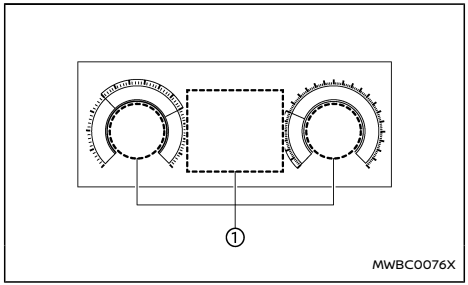
The light reminder chime will sound when the headlight switch is placed in the ≡D◁≡ or 🚗 position after the electric vehicle system was turned off, and the driver's door is opened with the light is on.

Turn the light switch to the AUTO position when

you leave the vehicle.

Power switch reminder chime

The power switch reminder chime will sound when the driver's door is opened while the power switch is in the ON or READY to drive position. Push the power switch to the OFF position.

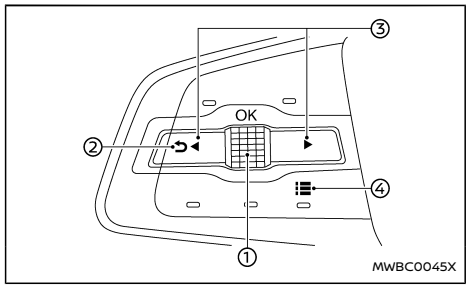


Example

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
- 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



The vehicle information display can be changed using the dial/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 ☰ - display 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

When the ☰ button ④ 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:

- [Emergency Lane] (where fitted)
  Allows user to turn the Emergency Lane Assist (ELA) system ON/OFF.
- [Change Display View]
  Allows user to change the meter screen view. (See "Changing the meter screen view" (P.106).)
- [Audio Source]
  Allows user to select the available audio source. (See the separate NissanConnect Owner's Manual for the audio system.)
- [Driver Assistance]
  Allows user to change the [Driver Assistance] settings. (See "Driver Assistance" (P.122).)
- [Personal Display]
  Allows user to change the [Personal Display] settings. (See "Personal Display" (P.121).)

STARTUP DISPLAY

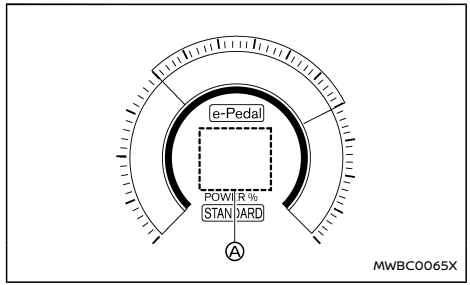
When the power switch is placed in the ON position, the vehicle information display may display the following screens if the vehicle is equipped with them:

- [Home]
- [Blank]
- [Drive Computer]
- [Energy Economy] or [ECO Pedal Guide]
- [Energy Economy History]
- [Tyre Pressure]
- [Charge Time (Est.)]
- [Battery Capacity]
- [Navigation]
- [Compass]
- [Audio]
- [Driver Assistance]
- [Intelligent Cruise Control (ICC)]
- [ProPILOT]
- [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.128).

To control what items display in the vehicle information display, see "Settings" (P.122).

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)
- [Time to Destination]
- [Energy Economy]
- [Trip]
- [Gear position]
- [Average speed]
- [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.106).

SETTINGS

The setting 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.391).)

[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:

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

[Intelligent Cruise] (where fitted):

- [CRUISE Navi Link] (where fitted)

  Allows user to turn the CRUISE Navi Link function ON/OFF.
- [Speed Limit Link]

  Models without ProPILOT with Navi-link:

  Allows user to turn the Speed Limit Link function ON/OFF.

  Models with ProPILOT with Navi-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.

(See “Intelligent Cruise Control (ICC) (where fitted)” (P.317) and “ProPILOT (where fitted)” (P.333).)

[Lane Centering Assist] (where fitted):

- [Steering Assist]

  Allows user to turn the function ON/OFF.

(See “ProPILOT (where fitted)” (P.333).)

[Lane Assist]:

- [Warning]

  Allows user to turn the Lane Departure Warning (LDW) system ON/OFF.
- [Intervention] (where fitted)

  Allows user to turn the Intelligent Lane Intervention system ON/OFF.
- [Emergency Lane] (where fitted)

  Allows user to turn the Emergency Lane Assist (ELA) system ON/OFF.
- [Lane Sensitivity] (where fitted)

  Allows user to select an item from below.

  — [Strong]

  — [Normal]

— [Mild]

(See "Lane Departure Warning (LDW)" (P.278), "Intelligent Lane Intervention" (P.358) and "Emergency Lane Assist (ELA) system (where fitted)" (P.287).)

[Blind Spot Assist]:

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

(See "Blind Spot Warning (BSW)" (P.294) and "Intelligent Blind Spot Intervention (where fitted)" (P.300).)

[Emergency Brake]:

- [Emergency Braking]
  Allows user to turn the function ON/OFF.
- [Rear Auto Braking] (where fitted)
  Allows user to turn the function ON/OFF.

(See "Intelligent Emergency Braking with Pedestrian Detection" (P.363), "Intelligent Forward Collision Warning" (P.373) and "Rear Automatic Braking (RAB) system (where fitted)" (P.381).)

[Traffic Sign Assist]:

- [Traffic Sign]
  Allows user to turn the function ON/OFF.

(See "Traffic Sign Recognition (TSR)" (P.275).)

[Parking Aids]:

- [Rear Cross Traffic Alert]
  Allows user to turn the function ON/OFF.
- [Moving Object] (where fitted)
  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.309), "Moving Object Detection (MOD) (where fitted)" (P.231) and "Parking sensor (sonar) system" (P.395) .)

[Driver Monitor]:

- [Driver Attention Alert]
  Allows user to turn the function ON/OFF.

(See "Intelligent Driver Alertness" (P.379).)

[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] function ON/OFF.

[Steering Effort]:

Allows user to adjust the power steering to reduce or increase steering effort.

- [Drive Mode]
- [Standard]
- [Sport]

[e-Pedal]:

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

For more information, see "e-Pedal Step system" (P.258).

[Chassis Control]:

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

(See "Intelligent Trace Control" (P.394).)

[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]
  - [Audio]
  - [Telephone]
- [Reset]

(See "Head Up Display (HUD) (where fitted)" (P.144).)

[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.265).)

[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.247) and "Tyre placard" (P.471).)

[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.247).)

Use the scroll dial ① to start or cancel the calibration process. (See "TPMS resetting" (P.249).)

[Clock]

Allows user to adjust the clock settings and time within the vehicle information display.

- [Display]
- [Clock Mode]
- [Clock Format]
- [Summer Time]
- [Time Zone]
- [Set Clock Manually]

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]
- [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 liftgate ON or OFF.

[Lighting]:

The [Lighting] menu has the following options:

- [Welcome Light]
  Allows user to turn this feature ON or OFF.
- [Mood Lighting]
  Allows user to adjust the illuminance.
- [Ambient Lighting]
  Allows user to adjust the illuminance.

[Locking]:

The [Locking] menu has the following options:

- [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.
- [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.186).)
- [Approach Unlock]
  This allows user to turn the approach unlock function ON or OFF. (See "Approach unlock function" (P.186).)

[Wipers]:

The [Wipers] menu has the following options:

- [Speed Dependent]
  The [Speed Dependent] feature can be activated or deactivated.

- [Auto Wipe]
  Allows user to turn this feature ON or OFF.
- [Reverse Link]
  The [Reverse Link] 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 theft warning system is disarmed.

(See "Theft warning system" (P.146).)

[Driving Position] (where fitted):

- [Exit Seat Slide]
  This allows user to turn this feature ON or OFF. (See "Memory seat (where fitted)" (P.206).)
- [Exit Steering Up]
  This allows user to turn this feature ON or OFF. (See "Memory seat (where fitted)" (P.206).)

[Mirror Fold]:

Allows user to select an item below.

- [Auto Fold Off]
- [Unfold at Power on]
- [Unfold at Unlock]

[EV Settings]

Allows user to select an item below.

- [Charge Time Screen]
  - [130 kW (Quick Charge)]
  - [50 kW (Quick Charge)]
  - [22 kW] (where fitted)
  - [7.4 kW]
  - [3.6 kW] (where fitted)
- [Battery Cooling Assist]
  When this item is turned on, cooling capacity of the lithium ion (Li-ion) battery is enhanced while quick charging. (For example, when driving and using the quick charger frequently in summer.) When activated, the operation sound of air conditioner, etc. may be heard louder while quick charging.

[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.458).) 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]

The display settings allows user to choose from the various meter selections.

The display settings can be changed using the scroll dial ①.

[Contents Selection]:

Displays available screens that can be shown in the vehicle information display.

[Route Guidance]:

- [Alert(s)]

Allows user to turn the Navigation Settings alerts ON or OFF.

[AUTO Cruise Display] (where fitted):

Allows user to turn the cruise screen transition 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]
  - [Rear]
- [High beam assist] (where fitted)
- [Adaptive Headlight] (where fitted)
- [Seat Memory] (where fitted)
- [Speed limiter]

[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.124).)

[Temperature]:

The temperature that is shown in the vehicle information display can be changed.

[Language]:

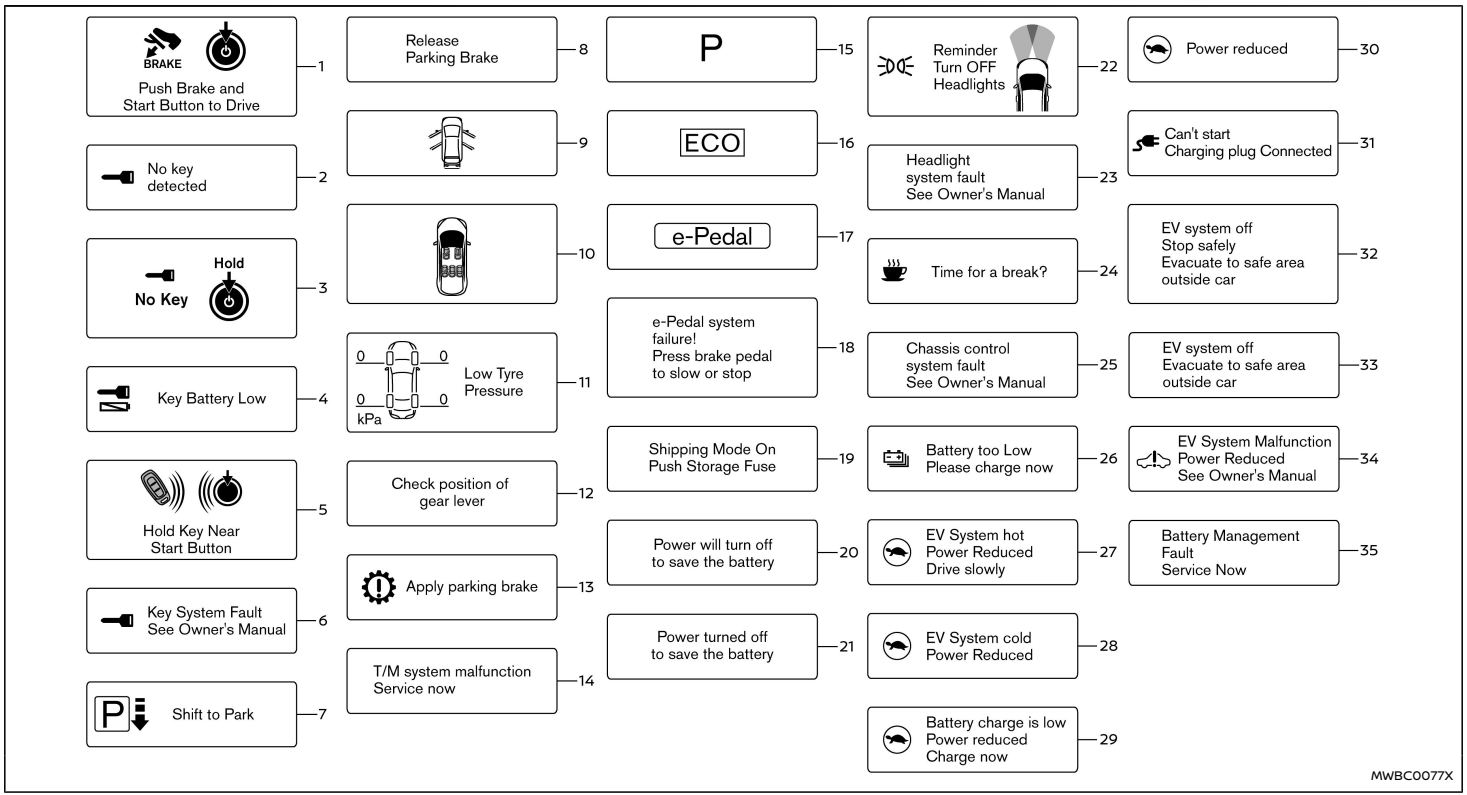
The language of the vehicle information display can be changed.

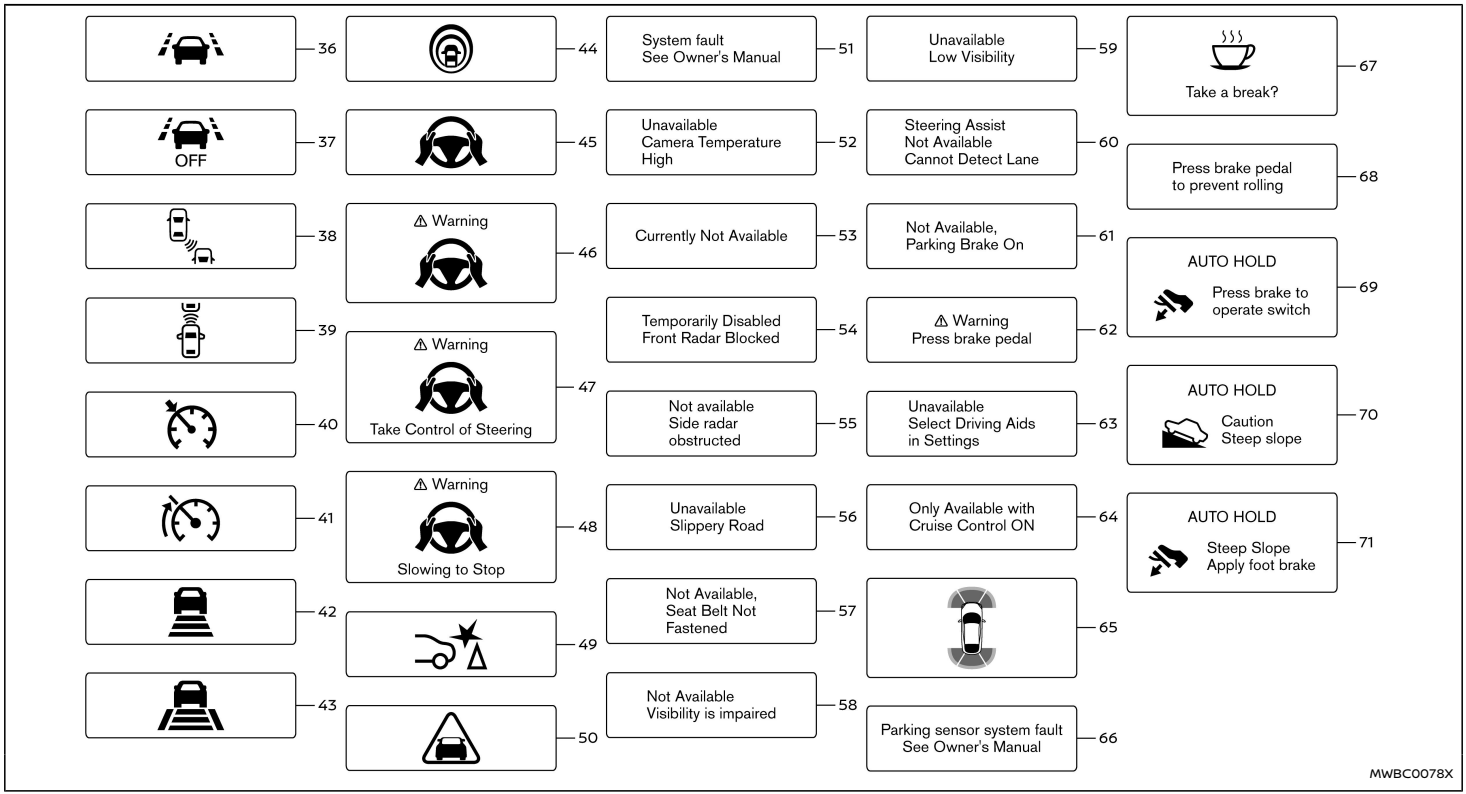
[Factory Reset]

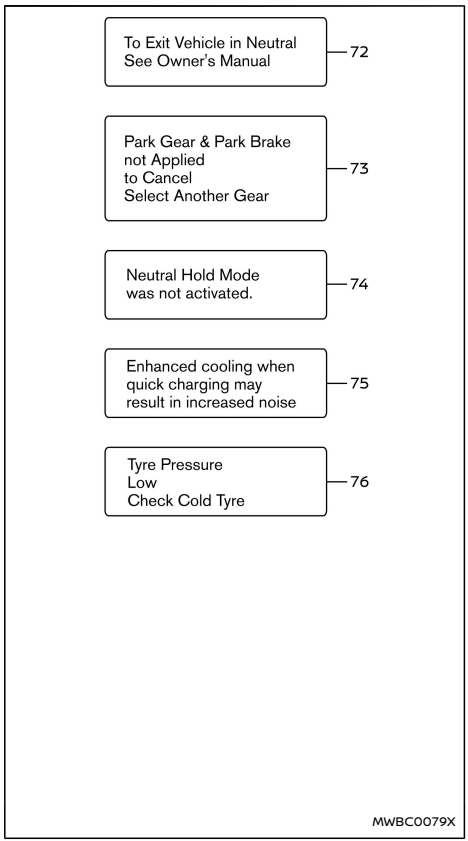
The settings in the vehicle information display can be reset back to the factory default. To reset the vehicle information display:

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




36
44
System fault
See Owner's Manual
51
Unavailable
Low Visibility
59
Take a break?
67
OFF
37
45
Unavailable
Camera Temperature
High
52
Steering Assist
Not Available
Cannot Detect Lane
60
Press brake pedal
to prevent rolling
68
38
Warning
46
Currently Not Available
53
Not Available,
Parking Brake On
61
AUTO HOLD
Press brake to
operate switch
69
39
Temporarily Disabled
Front Radar Blocked
54
Warning
Press brake pedal
62
Warning
Take Control of Steering
47
40
Not available
Side radar
obstructed
55
Unavailable
Select Driving Aids
in Settings
63
AUTO HOLD
Caution
Steep slope
70
41
Warning
Slowing to Stop
48
Unavailable
Slippery Road
56
Only Available with
Cruise Control ON
64
AUTO HOLD
Steep Slope
Apply foot brake
71
42
Not Available,
Seat Belt Not
Fastened
57
65
49
43
Not Available
Visibility is impaired
58
Parking sensor system fault
See Owner's Manual
66
50
MWBC0078X



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 electric vehicle 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 electric vehicle system with the door closed and the Intelligent Key left outside the vehicle and the electric vehicle system is running. Push and hold the power switch to turn off the electric vehicle system.

(See "Intelligent Key system" (P.182).)

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.451).

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.253).)

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 shift lever is in any position other than P (Park).

If this warning appears, push the park button on the shift lever to engage the P (Park) position.

An inside warning chime will also sound. (See "Intelligent Key system" (P.182).)

8. [Release Parking Brake] warning

This warning appears when the accelerator pedal is depressed when the electronic parking brake automatic release function cannot be used. Release the electronic parking brake manually.

9. [Door/liftgate open] warning

This warning appears if any of the doors and/or the liftgate are open or not closed securely. The vehicle icon indicates which door or the liftgate 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.66).

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.115) and "Tyre Pressure Monitoring System (TPMS)" (P.247).)

12. [Check position of gear lever] warning

This warning appears if the system cannot detect the shift position. Make sure the vehicle is placed in a position properly. Have the system checked. It is recommended you contact a NISSAN certified electric vehicle dealer for this service.

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] warning

This warning appears if there is a malfunction in the electric shift control system.

- When shifting, hold the shift lever in the shift position and check the shift position indicator on the shift lever or on the vehicle information display to make sure that shifting has been performed properly.
- When parking, push the park button 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.254) 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.

- [SPORT]
- [STANDARD]
- [ECO]

(See "Drive Mode Selector" (P.264).)

17. e-Pedal INDICATOR

This indicator shows the status of the e-Pedal Step system. (See "e-Pedal indicator" (P.109) and "e-Pedal Step system" (P.258).)

18. [e-Pedal SYSTEM FAILURE!] WARNING

This warning appears when the e-Pedal Step system is malfunctioning. Have the system checked soon at a NISSAN certified electric vehicle dealer.

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 is left ON and the power switch is placed in the OFF position. Place the headlight switch in the AUTO position. For additional information, (See "Headlight and turn signal switch" (P.151).)

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.394).)

26. [Battery too Low Please charge now] 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. [EV System hot Power Reduced] 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.

28. [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.

29. [Battery charge is low Power reduced] 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.

30. [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.

31. [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.

32. [EV system off 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.

33. [EV system off 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 when the vehicle is stopped.

Leave the vehicle and contact a NISSAN certified electric vehicle dealer.

34. [EV System Malfunction Power Reduced] warning

This warning appears if there is a malfunction in the electric vehicle 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.

35. [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.

36. Lane Departure Warning (LDW)/INTELLIGENT LANE INTERVENTION/EMERGENCY LANE ASSIST (ELA) INDICATOR

This indicator appears when the following systems (where fitted) are engaged.

- Lane Departure Warning (LDW)
- Intelligent Lane Intervention
- Emergency Lane Assist (ELA)

(See "Lane Departure Warning (LDW)" (P.278), "Intelligent Lane Intervention (where fitted)" (P.282) or "Emergency Lane Assist (ELA) system (where fitted)" (P.287).)

37. Emergency Lane Assist (ELA) OFF INDICATOR (where fitted)

This indicator appears when the Emergency Lane Assist (ELA) system is turned off. (See "Emergency Lane Assist (ELA) system (where fitted)" (P.287).)

38. Blind Spot Warning (BSW)/INTELLIGENT BLIND SPOT INTERVENTION INDICATOR

This indicator appears when the Blind Spot Warning (BSW) and/or Intelligent Blind Spot Intervention (where fitted) systems are engaged.

(See "Blind Spot Warning (BSW)" (P.294) or "Intelligent Blind Spot Intervention (where fitted)" (P.300).)

39. Vehicle ahead detection indicator

This indicator shows the status of the following systems:

- Intelligent Emergency Braking with Pedestrian Detection
- Intelligent Forward Collision Warning

(See "Intelligent Emergency Braking with Pedestrian Detection" (P.363) or "Intelligent Forward Collision Warning" (P.373).)

40. Cruise indicator

Models without Intelligent Cruise Control (ICC) system:

This indicator shows the cruise control system status. The status is shown by the colour.

(See "Cruise control (where fitted)" (P.315).)

Models with Intelligent Cruise Control (ICC)

system:

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.330) or "Conventional (fixed speed) cruise control mode" (P.360).)

41. Speed limiter indicator

This indicator shows the speed limiter system status. The status is shown by the colour. (See "Speed limiter" (P.313).)

42. Intelligent Cruise Control (ICC) SYSTEM STATUS INDICATOR (where fitted)

This indicator shows the status of the Intelligent Cruise Control (ICC) system (without ProPILOT system). The status is shown by the colour and shape.

(See "Intelligent Cruise Control (ICC) (where fitted)" (P.317).)

43. Speed control status/set distance/ lane marker indicator (where fitted)

This indicator shows the status of the Intelligent Cruise Control (ICC) system (ProPILOT system) and the detection of the lane markers. The status is shown by the colour and shape. (See "ProPILOT (where fitted)" (P.333).)

44. Intelligent Lane Intervention ON/Intelligent Blind Spot Intervention ON/ProPILOT system status indicator (where fitted)

This indicator appears when the following systems (where fitted) are turned on:

- Intelligent Lane Intervention
- Intelligent Blind Spot Intervention
- ProPILOT

(See "Intelligent Lane Intervention (where fitted)" (P.282), "Intelligent Blind Spot Intervention (where fitted)" (P.300) or "ProPILOT (where fitted)" (P.333).)

45. Steering Assist indicator (where fitted)

This indicator appears when the Steering Assist system is engaged.

See "ProPILOT (where fitted)" (P.333).

46–48. 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

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 (where fitted)" (P.333).

49. 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.381).

50. Intelligent Emergency Braking emergency warning indicator

This warning indicator appears along with an audible warning, when the Intelligent Emergency Braking with Pedestrian Detection system detects the possibility of a forward collision.

See "Intelligent Emergency Braking with Pedestrian Detection" (P.363).

51. [System fault See Owner's Manual] warning

This warning appears when the following systems (where fitted) malfunction.

- Traffic Sign Recognition (TSR)
- Lane Departure Warning (LDW)
- Intelligent Lane Intervention
- Emergency Lane Assist (ELA)
- Blind Spot Warning (BSW)
- Intelligent Blind Spot Intervention
- Rear Cross Traffic Alert (RCTA)
- Intelligent Cruise Control (ICC)
- ProPILOT
- Steering Assist
- Intelligent Emergency Braking with Pedestrian Detection

- Intelligent Forward Collision Warning
- Rear Automatic Braking (RAB)
- Intelligent Driver Alertness

(See "Traffic Sign Recognition (TSR)" (P.275), "Lane Departure Warning (LDW)" (P.278), "Intelligent Lane Intervention (where fitted)" (P.282), "Emergency Lane Assist (ELA) system (where fitted)" (P.287), "Blind Spot Warning (BSW)" (P.294), "Intelligent Blind Spot Intervention (where fitted)" (P.300), "Rear Cross Traffic Alert (RCTA)" (P.309), "Intelligent Cruise Control (ICC) (where fitted)" (P.317), "ProPILOT (where fitted)" (P.333), "Steering Assist" (P.356), "Intelligent Emergency Braking with Pedestrian Detection" (P.363), "Intelligent Forward Collision Warning" (P.373), "Rear Automatic Braking (RAB) system (where fitted)" (P.381) or "Intelligent Driver Alertness" (P.379).)

52. [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 following systems (where fitted) can no longer function reliably.

- Lane Departure Warning (LDW)
- Intelligent Lane Intervention
- Intelligent Blind Spot Intervention
- Steering Assist

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 "Lane Departure Warning (LDW)" (P.278), "Intelligent Lane Intervention" (P.358), "Intelligent Blind Spot Intervention (where fitted)" (P.300) or "Steering Assist" (P.356).

53. [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 Lane Intervention
- Intelligent Blind Spot Intervention
- Intelligent Cruise Control (ICC)

For additional information, refer to "Electronic Stability Programme (ESP) system" (P.391), "Intelligent Lane Intervention (where fitted)" (P.282), "Intelligent Blind Spot Intervention (where fitted)" (P.300), "Intelligent Cruise Control (ICC) (where fitted)" (P.317) or "Intelligent Cruise Control (ICC)" (P.343).

54. [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 system (where fitted) is automatically turned off.

- Emergency Lane Assist (ELA) system
- Intelligent Cruise Control (ICC)
- ProPILOT
- Intelligent Emergency Braking with Pedestrian Detection
- Intelligent Forward Collision Warning

If the warning message appears, park the vehicle in a safe location and turn the electric vehicle system off.

Check to see if the sensor area is blocked. If the sensor area is blocked, remove the blocking material. Restart the electric vehicle 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 "Emergency Lane Assist (ELA) system (where fitted)" (P.287), "Intelligent Cruise Control (ICC) (where fitted)" (P.317), "ProPILOT (where fitted)" (P.333), "Intelligent Emergency Braking with Pedestrian Detection" (P.363) or "Intelligent Forward Collision Warning" (P.373).

55. [Not available Side radar obstructed] warning

This warning appears when the following systems (where fitted) become unavailable because a radar blockage is detected.

- Emergency Lane Assist (ELA) system
- Blind Spot Warning (BSW)
- Intelligent Blind Spot Intervention
- Rear Cross Traffic Alert (RCTA)

(See "Emergency Lane Assist (ELA) system (where fitted)" (P.287), "Blind Spot Warning (BSW)" (P.294), "Intelligent Blind Spot Intervention (where fitted)" (P.300) or "Rear Cross Traffic Alert (RCTA)" (P.309).)

56. [Unavailable Slippery Road] warning (where fitted)

This warning appears when the following systems (where fitted) become unavailable because the road is slippery.

- Intelligent Lane Intervention
- Intelligent Blind Spot Intervention
- Intelligent Cruise Control (ICC)
- ProPILOT

(See "Intelligent Lane Intervention (where fitted)" (P.282), "Intelligent Blind Spot Intervention (where fitted)" (P.300), "Intelligent Cruise Control (ICC) (where fitted)" (P.317) or "ProPILOT (where fitted)" (P.333).)

57. [Not Available, Seat Belt Not Fastened] indicator (where fitted)

This message may appear when the ProPILOT system is engaged.

Under the following condition, the ProPILOT system is automatically cancelled:

- When the driver's seat belt is not fastened.

The ProPILOT system cannot be used when the driver's seat belt is not fastened.

58. [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 system and set it again when lane markers are clearly visible.

59. [Unavailable Low Visibility] indicator (where fitted)

This message may appear when the Steering Assist system and/or Emergency Lane Assist (ELA) is engaged.

Under the following conditions, the Steering Assist system and/or Emergency Lane Assist (ELA) 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

60. [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 system and set it again when lane markers are clearly visible.

61. [Not Available, Parking Brake On] indicator (where fitted)

This message may appear when the ProPILOT system is engaged.

Under the following condition, the ProPILOT system is automatically cancelled:

- The electronic parking brake is applied.

The above system cannot be used when the electronic parking brake is activated.

62. [Press brake pedal] warning (where fitted)

This message may appear when the ProPILOT system is engaged and the following condition occurs:

- While the vehicle is stopped by the ProPILOT system, the driver's door is opened but the electronic parking brake was not activated.

Step on the brake pedal immediately.

63. [Unavailable Select Driving Aids in Settings] indicator (where fitted)

This indicator appears if neither the Intelligent Lane Intervention system nor the Intelligent Blind Spot Intervention system is enabled on the settings menu.

64. [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 (where fitted)" (P.333).)

65. Parking sensor (sonar) INDICATOR

This indicator appears to indicate the status of the parking sensor (sonar) system.

See "Parking sensor (sonar) system" (P.395).

66. [Parking sensor system fault] warning

This warning appears when there is a malfunction with the parking sensor (sonar) system. (See "Parking sensor (sonar) system" (P.395).)

67. [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.379).)

68. [Press brake pedal to prevent rolling] warning

This warning appears in the following situations:

- The driver tries to release the electronic parking brake manually without depressing the brake pedal.
- The vehicle is stopped on a steep hill and there is a possibility of moving backward, even if the electronic parking brake is applied.
- 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.

69. [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.262).)

70. [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.262).)

71. [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 brake force of the automatic brake hold will be released, and vehicle may move or roll away unexpectedly. Apply the footbrake to stop the vehicle moving. (See "Automatic brake hold" (P.262).)

72. [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.257).)

73. [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.257).)

74. [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.257).)

75. Battery Cooling Assist ON indicator

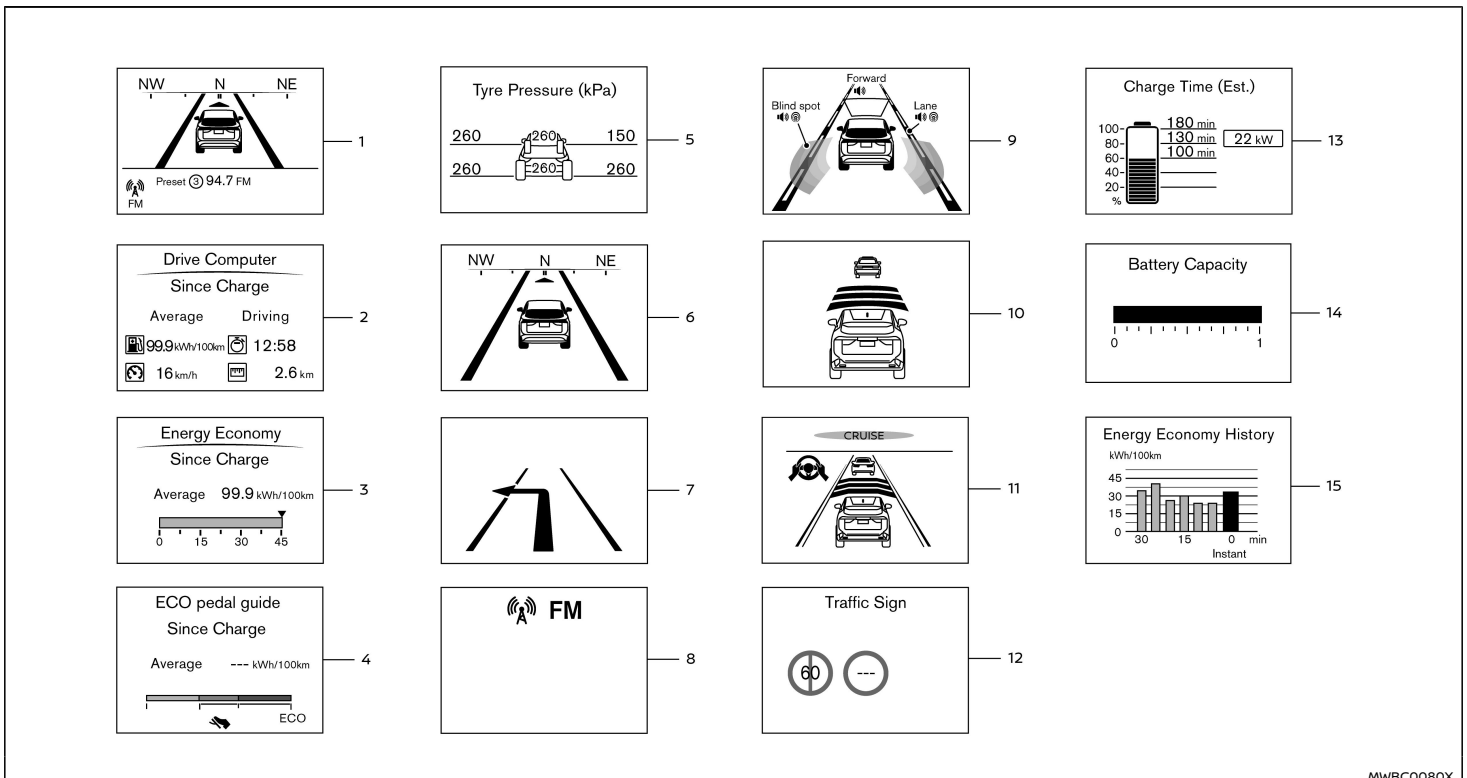
This indicator appears when [Battery Cooling Assist] is turned on using the settings menu of the vehicle information display. (See "EV Settings" (P.126).)

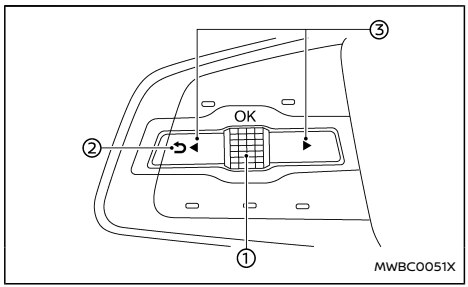
76. [Tyre Pressure Low Check Cold Tyre] warning

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.

TRIP COMPUTER





Switches for the trip computer are located on the left 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 ◀ ▶ - 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. [ECO Pedal Guide]

When the ECO mode is selected, you can view the ECO Pedal Guide function for improving energy economy.

The ECO Pedal Guide mode have 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.

(See “ECO Pedal Guide function” (P.265).)

5. [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.124) and "Tyre ECO advice" (P.265).)

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.

6. [Compass]

The Compass mode shows the heading direction of the vehicle.

7. [Navigation]

The Navigation mode shows the navigation route information when the route guidance is set in the navigation system.

8. [Audio]

The Audio mode shows the status of audio information.

9. [Driver Assistance]

The Driver Assistance mode shows the operating condition for the following systems (where fitted).

- [Forward]:
  - Intelligent Emergency Braking with Pedestrian Detection system
  - Intelligent Forward Collision Warning
- [Lane]:
  - Lane Departure Warning (LDW)
  - Intelligent Lane Intervention
- [Blind spot]:
  - Blind Spot Warning (BSW)
  - Intelligent Blind Spot Intervention

For more details, see "Driver Assistance display" (P.269).

10. Intelligent Cruise Control (ICC) (where fitted)

The Intelligent Cruise Control (ICC) mode shows the operating condition for the ICC system. (See "Intelligent Cruise Control (ICC) (where fitted)" (P.317).)

11. ProPILOT (where fitted)

The ProPILOT mode shows the operating conditions for the following systems:

- Intelligent Cruise Control (ICC)
- Steering Assist

The display will also be shown when the ProPILOT system is turned on. For additional information, see "ProPILOT (where fitted)" (P.333).

12. [Traffic Sign]

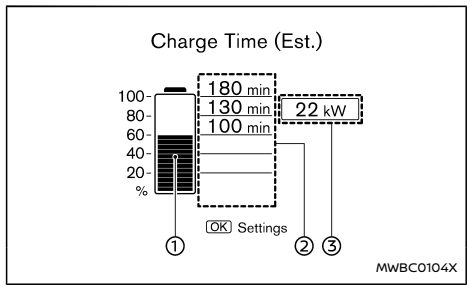
The Traffic Sign Recognition (TSR) system provides the driver with information about the most recently detected speed limit. See "Traffic Sign Recognition (TSR)" (P.275) for more details.

13. [Charge Time (Est.)]

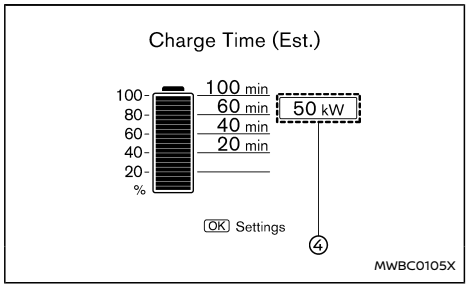
The [Charge Time (Est.)] mode shows the estimated time to charge the Li-ion battery to a full level.

Correct estimated charge time will be displayed after 1 minute from placing the power switch in the ON position.

How to read the display:



Not charging/While normal charging



While quick charging

Before charging starts, the displayed charging time is calculated based on the electrical power (supplied to the charger), which is selected in the [Charge Time Screen] setting under the electric vehicle 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 estimated charging time to reach each percentage (20%, 40%, 60%, 80%, and 100%) of the Li-ion battery level.

NOTE:

- **If the estimated charging time is longer than 24 hours, [Over 24hr] is displayed.**
- **When the currently remaining Li-ion battery level exceeds each percentage 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.**

③ The actual electricity that can be supplied from the charging facility.

④ The electrical power that is actually supplied while quick charging.

When charging is not performed, pushing the scroll dial on the steering wheel will switch the display to the [Charge Time Screen] menu. Select the electrical power that you wish to show in the Estimated Charge Time display.

While charging, the scroll dial cannot be operated to switch to the [Charge Time Screen] menu.

NOTE:

- **While charging, the estimated charging time is calculated based on the electrical power that is currently supplied to the charger.**
- **For the quick 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.**
- **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.**

14. [Battery Capacity]

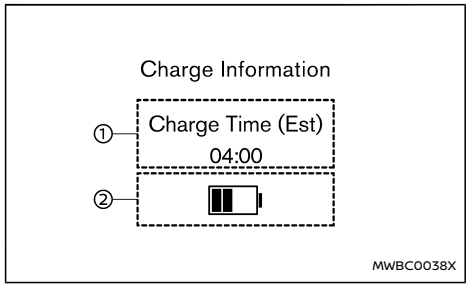
The Battery Capacity mode shows the amount of charge the Li-ion battery is capable of storing.

When the capacity of the Li-ion battery decreases with age and usage, the level of the gauge will also decrease.

15. [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 65 minutes.

CHARGING STATUS DISPLAY



The charging status display appears for approxi-

mately 30 seconds when:

- The power switch is placed in the OFF position.
- A door is opened when the power switch is in the OFF position.

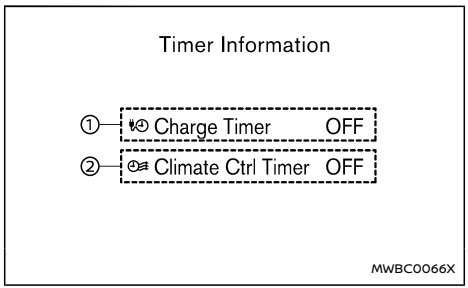
① Estimated charge time

- When normal charging, it shows the estimated time to charge the Li-ion battery to a full level. The time is calculated based on the electrical power (supplied to the charger).
- When quick charging, it shows the estimated remaining charging time. The displayed time may differ from one displayed on the charger.
- To check the estimated charging time by different electrical power, refer to the time displayed in the [Charge Time (Est.)] mode. (See "13. Charge Time (Est.)" (P.140).)
- The displayed time may differ from one displayed on the [Charge Time (Est.)] mode, because the update timing of each display is different.
- When the Li-ion battery temperature control system operates, longer charging time may be displayed.

② Li-ion battery charge level

- Current Li-ion battery charge level is displayed.

TIMER DISPLAY



The timer display appears for approximately 30 seconds when;

- The power switch is placed in the OFF position.
- A door is opened when the power switch is in the OFF position.

① Charging Timer status

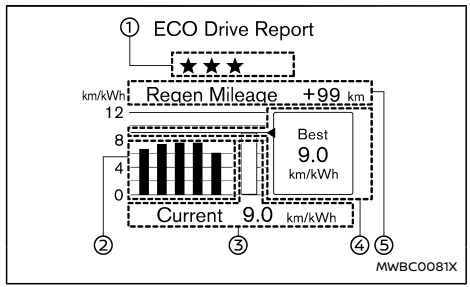
If the charging timer is set, the Charging Timer status (ON or OFF) is displayed. (For the charging timer operation, see "Charging timer" (P.47).)

② Climate Ctrl. Timer status

The Climate Ctrl. Timer status (ON or OFF) is displayed. (For the Climate Ctrl timer operation, see "Climate Ctrl. Timer" (P.240).)

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)

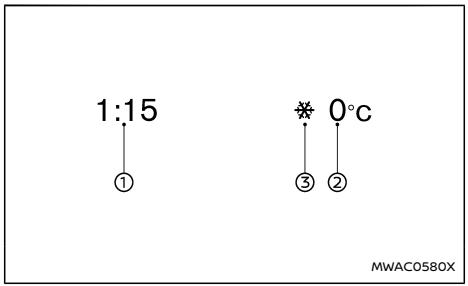
The amount of regenerated energy stored in the Li-ion battery in one trip will be displayed in terms of distance.

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 button 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.122).

CLOCK AND OUTSIDE AIR TEMPERATURE



The clock ① 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.106).

Clock

For clock adjustment, see "Clock" (P.125) or the separate NissanConnect Owner's Manual.

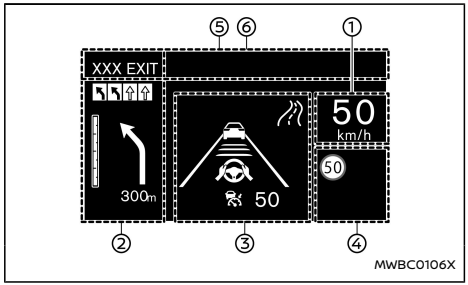
Outside air temperature

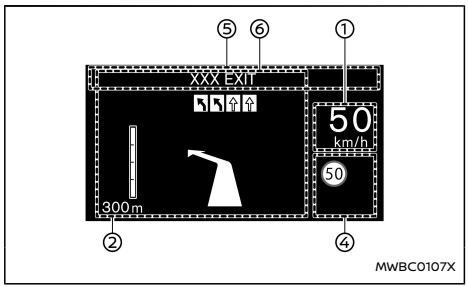
The outside air temperature is displayed in °C or °F in the range of −40 to 60°C (−40 to 140°F).

The outside air temperature mode includes a low temperature warning feature. If the outside air 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 electric vehicle system heat, wind directions and other driving conditions. The display may differ from the actual outside temperature or the temperature displayed on various signs or billboards.

HEAD UP DISPLAY (HUD) (where fitted)





⚠ WARNING

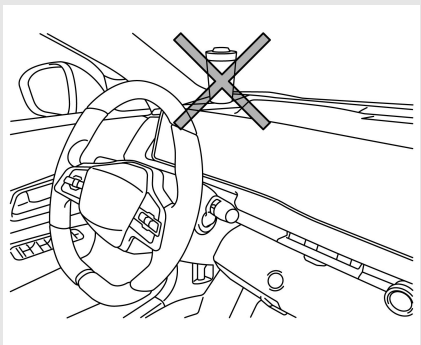
- **Failure to properly adjust the brightness and position of the displayed image may interfere with the driver's ability to see through the windscreen, which could cause an accident leading to severe injury or death.**
- **Do not use the Head Up Display (HUD) for extended periods of time as that can 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 Audio
⑥ TEL/SMS

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

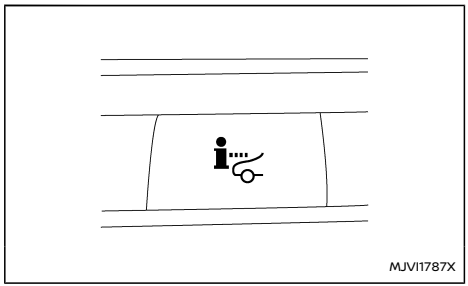
NOTE:

- **If you wear polarized 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.

- **For cleaning, use a soft clean dry cloth. If it cannot be removed, use a soft clean cloth, dampened with water. After that please use a soft clean close.**

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
  - — Audio
  - — Telephone
- Reset

NOTE:

Emergency information may display even if the HUD 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

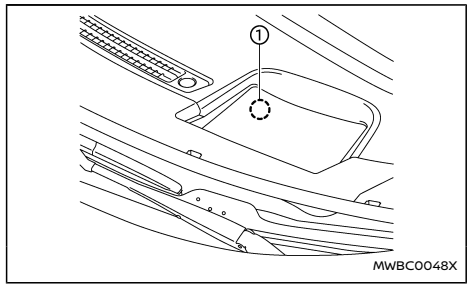
Regarding (3) Open source software, it includes open source software (OSS), including various software to which licence information applies.

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/AUDIO/TELEPHONE LINKING

The HUD will display Driving Aids and navigation information.

The Driving Aids display will show warning situations for the following systems:

- Intelligent Emergency Braking with Pedestrian Detection
- Intelligent Forward Collision Warning
- Lane Departure Warning (LDW)
- Intelligent Lane Intervention
- Hands-free warning (for vehicles with ProPILOT Assist) (where fitted)

The Navigation system linking display will show the following items:

- Intersection names
- 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 Audio system linking display will show the following items:

- Songs
- Radio stations

The Telephone linking display will show the following item:

- Caller's name or phone number

Your vehicle has either or both of the following security systems:

- Theft warning
- NISSAN Anti-theft System (NATS)*

(* immobilizer)

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 liftgate 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 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 liftgate without using the Intelligent Key, the capacitive unlock sensor (on the front door handles) or the request switch.
- opening the bonnet (where fitted).
- the volumetric sensing system (ultrasonic sensors) 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 sensors (volumetric sensing), detect 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 (for example,

when transporting the vehicle on a ferry).

To exclude the ultrasonic:

1. Close all the windows.
2. Place the power switch in the OFF position.
3. 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.
4. 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 theft warning system is disarmed.

   Select [Disabled Once] or [Ask on Exit]. Then push the scroll dial.
5. Close the doors, bonnet and liftgate. 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 liftgate. Lock all doors. The doors can be locked with the Intelligent Key, the lock sensor (on the front door handles), request switch, power door lock switch or mechanical key.

Even when the driver and/or passengers are in the vehicle, the system will activate with all doors, bonnet, and liftgate 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 liftgate without using the button on the Intelligent Key, the capacitive unlock sensor (on the front door handles), the request switch or the mechanical key. (Even if the door is opened by releasing the door inside lock knob, 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 Electric Vehicle (EV) 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.

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

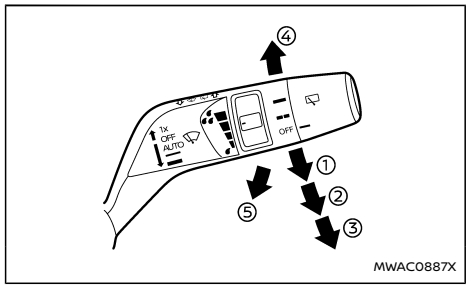
In freezing temperatures the washer solution may freeze on the windscreen and obscure your vision which may lead to an accident. Warm windscreen with the defroster before you wash the windscreen.

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



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.149).

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.

The headlight cleaner (where fitted) will also operate with operation of the windscreen washer. (See "Headlight cleaner (where fitted)" (P.149).)

NOTE:

The Speed Dependent feature may be disabled. For additional information, refer to "Vehicle Settings" (P.125).

CAUTION

Do not operate the windscreen wiper while the wiper arm is pulled up. The wiper arm may be damaged.

Headlight cleaner (where fitted)

Pull the lever toward the rear of the vehicle ⑤.

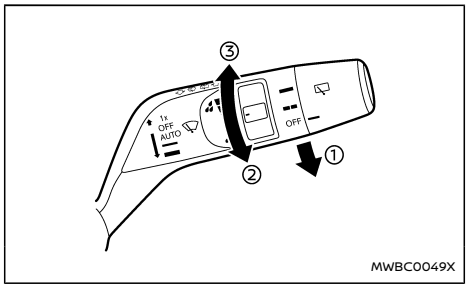
The headlight cleaner will operate with operation of the windscreen washer.

- The headlight cleaner operates with the windscreen washer operation. This operation activates once each time the power switch is turned off and on.
- After the first operation, the headlight cleaner operates once at every fifth operation of the windscreen washer.

CAUTION

Do not operate the headlight cleaner if the window washer fluid reservoir is empty.

RAIN-SENSING AUTO WIPER SYSTEM



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.447) for wiper blade replacement.)**

REAR WINDOW WIPER AND WASHER OPERATION

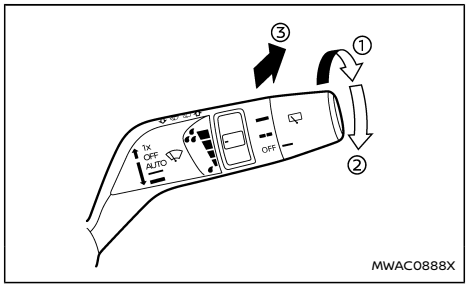
⚠ WARNING

In freezing temperatures the washer solution may freeze on the rear window glass and obscure your vision. Warm the rear window with the defroster before you wash the rear window.

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 rear window 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.



The rear window wiper and washer operate when the power switch is in the ON position.

Turn the switch clockwise from the OFF position to operate the wiper.

① Intermittent (INT) — intermittent operation (not adjustable)

② Low (ON) — continuous low speed operation

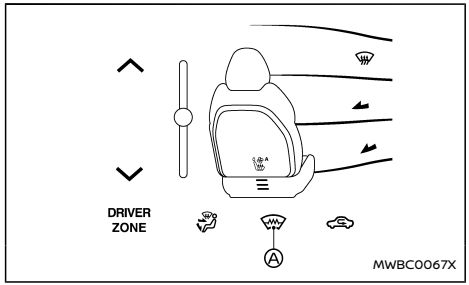
Push the switch forward ③ to operate the washer. Then the wiper will also operate several times.

Reverse Link feature:

When the windscreen wiper switch is on, moving the shift lever to the R (Reverse) position will operate the rear window wiper.

NOTE:

The Reverse Link feature may be disabled. For additional information, refer to "Vehicle Settings" (P.125).



To defog/defrost the windscreen, start the electric vehicle system, display the climate control screen (see "Heater and air conditioner" (P.235)) and touch the heated windscreen key Ⓐ. Touch the key again to turn the system off.

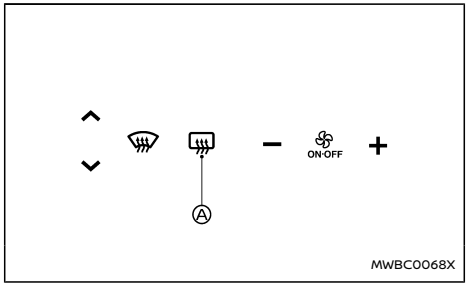
The system will turn off automatically after approximately 6 minutes. If the windscreen clears before this time, touch the key again to turn the system off.

NOTE:

- **The system can only be activated while the electric vehicle system is running.**
- **Before activating the system make sure to remove excess snow/ice from the windscreen**
- **Electrical conductors embedded in the windscreen provide the heating of the windscreen. If damage occurs to the windscreen have the system checked by a NISSAN certified electric vehicle dealer.**

- **Reduced performance or deactivation of the heated Windscreen may be noticed to preserve the battery. This is not a malfunction.**
- **NISSAN recommends using the system to support defogging of the windscreen. For more information, see "Heater and air conditioner" (P.235).**

REAR WINDOW AND OUTSIDE MIRROR DEFROSTER SWITCH



To defog/defrost the rear window glass and outside mirrors, start the electric vehicle system and push the switch on. 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 electric vehicle 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.

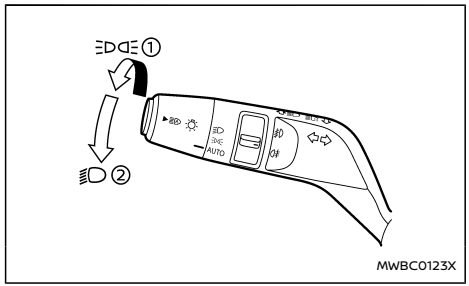
HEADLIGHT AND TURN SIGNAL SWITCH

HEADLIGHT SWITCH

CAUTION

Use the headlights with the electric vehicle system running to avoid discharging the vehicle battery.

Lighting



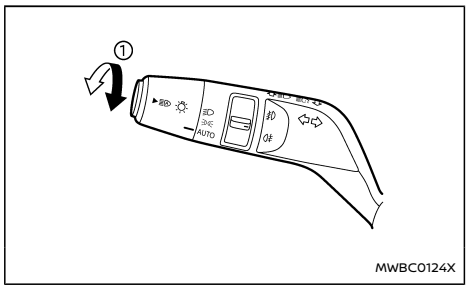
Example

① Rotate the switch to the position, and the front clearance, tail, number plate, and instrument panel lights will come on.

The Intelligent Auto Headlight system will also be set in this position.

② 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.

Intelligent Auto Headlight system



Example

The Intelligent Auto Headlight system allows the headlights to be set so they turn on and off automatically.

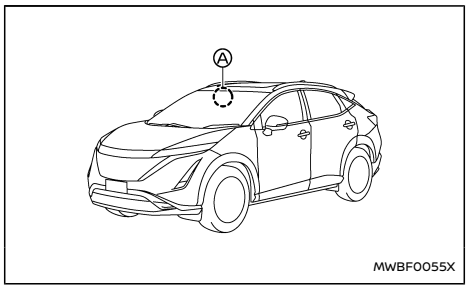
To set the Intelligent Auto Headlight system:

1. Make sure the headlight switch is in the AUTO position ①.
2. Place the power switch in the READY to drive 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 ≡D≡ or ≡◯ position.

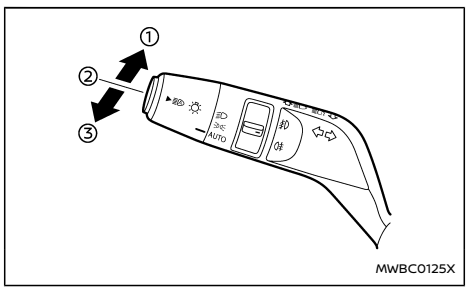
The Intelligent Auto Headlight system can turn on the headlights automatically when it is dark and turn off the headlights when it is light.

The headlights will also be turned on automatically at twilight or in rainy weather (when the windscreen wiper is operated continuously).



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.

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 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.

When the lever is pulled towards the rearmost position after the power switch is placed in the "OFF" position, the headlight will turn on and stay on for 30 seconds. The lever can be pulled 4 times for up to 2 minutes.

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.

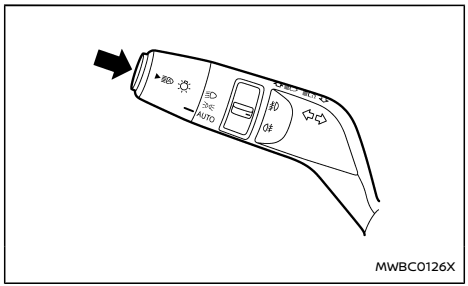
— When only one light on the oncoming vehicle or the leading vehicle is illuminated.

— 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:



MWBC0126X

Example

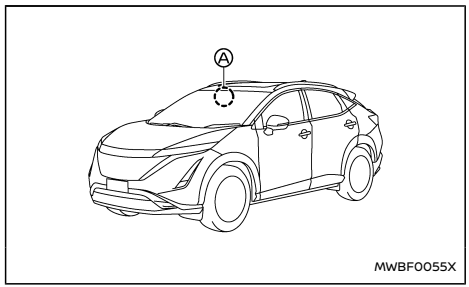
To activate the high beam assist system, push the switch as illustrated with the AUTO position. The high beam assist indicator light in the meter will illuminate while the headlights are turned on.

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 20 km/h (13 MPH), the headlight remains the low beam.

To turn off the high beam assist system, push the switch again.

Ambient image sensor maintenance:



MWBF0055X

The ambient image sensor Ⓐ for the high beam assist system is located in front of the inside mirror. To keep the proper operation of the high beam assist system and prevent a system malfunction, be sure to observe the following:

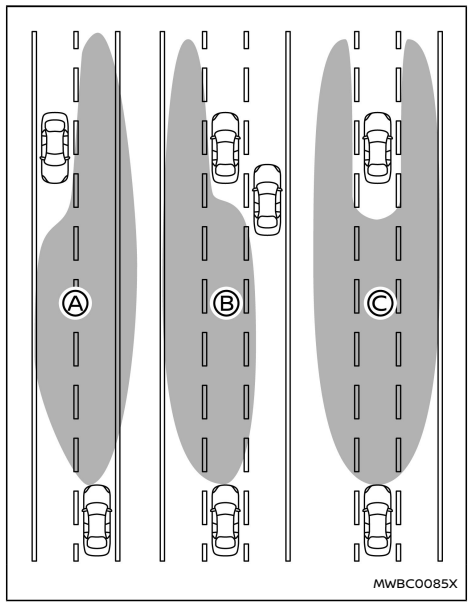
- Always keep the windscreen clean.
- Do not attach a sticker (including transparent material) or install an accessory near the

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 LED headlight (where fitted)



Example

The adaptive LED headlight 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 system will change the area illuminated by the headlights automatically.

Example:

Ⓐ Right side beam only (for an oncoming vehicle)

Ⓑ Left side beam only (for leading vehicles)

Ⓒ Split beam (for a leading vehicle)

Precautions on adaptive LED headlight:

⚠ WARNING

- **The adaptive LED headlight 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 beam 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.

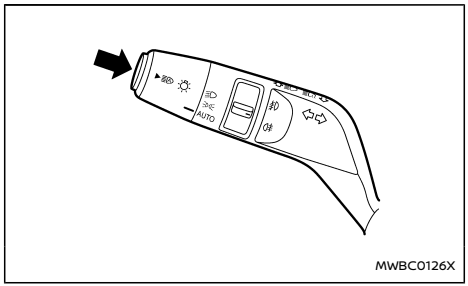
— When only one light on the oncoming vehicle or the leading vehicle is illuminated.

— 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 luggage.

Adaptive LED headlight operations:



MWBC0126X

Example

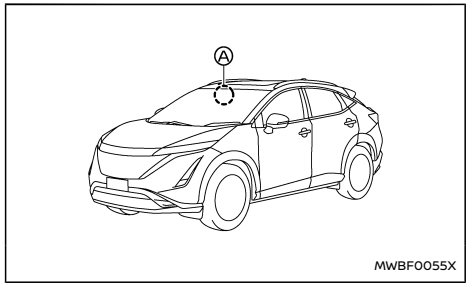
To activate the adaptive LED headlight system, push the switch as illustrated with the headlight switch in the "AUTO" position. The adaptive LED headlight indicator light in the meter will illuminate while the headlights are turned on.

If the adaptive LED headlight indicator light does not illuminate in the above condition, it may indicate that the system is not functioning properly. Have the system checked by a NISSAN certified electric vehicle dealer.

When the vehicle speed lowers to less than approximately 15 km/h (9 MPH), the headlight remains the low beam.

To turn off the adaptive LED headlight system, push the switch again.

Ambient image sensor maintenance:



MWBF0055X

The ambient image sensor Ⓐ for the adaptive LED headlight system is located in front of the inside rearview mirror. To keep the proper operation of the adaptive LED headlight 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, contact a NISSAN certified electric vehicle dealer.

Battery saver system

- When the headlight switch is in the ≡D◁≡ 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 ≡D◁≡ or 🚗 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 light 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 light switch on when the electric vehicle 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 electric vehicle 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 ≡D◁≡ 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.

HEADLIGHT CLEANER (where fitted)

The headlight cleaner operates when the headlight is on and the power switch is in the ON position.

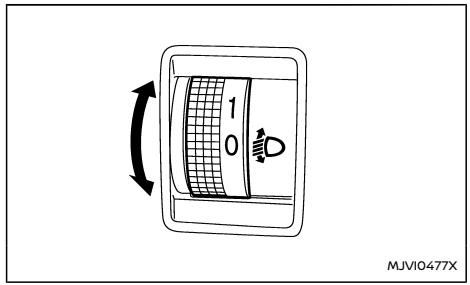
Pull the windscreen washer switch toward you. The headlight cleaner operates with the windscreen washer operation. This operation activates once each time the power switch is turned off and on.

CAUTION

Do not operate the headlight cleaner if the window washer fluid reservoir is empty.

HEADLIGHT AIMING CONTROL

Manual type



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.

For Europe:

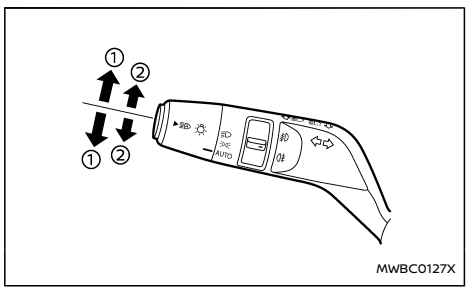
Select the switch position by referring to the following samples.

Switch position	Number of front seat occupants	Number of rear seat occupants	Weight of load in luggage compartment
0	1	No occupants	No load
1	2	0 or 3	No load
2	2	3	Full load
3	1	No occupants	Full load

Automatic type

The headlights are equipped with the automatic levelling system. Headlight axis is controlled automatically.

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.

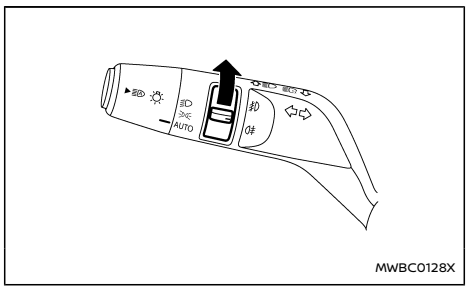
② Lane change signal

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.

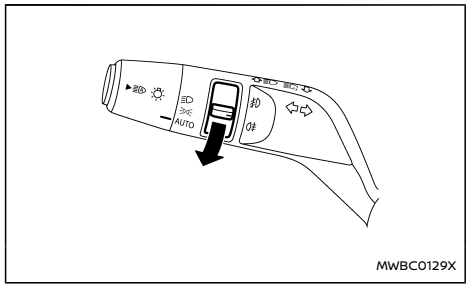
Move the lever up or down until the turn signal begins to flash, but the lever does not latch, and release the lever. The turn signal will automatically flash three times.

Choose the appropriate method to signal a lane change based on road and traffic conditions.

FOG LIGHT SWITCH



Front fog lights (example)



Rear fog light (example)

Front fog lights (where fitted)

To turn the fog lights on, turn the fog light switch to the position when the headlight or the clearance light is on.

To turn them off, turn the fog light switch to the position again.

The fog lights automatically turn off when the high beam headlights are selected.

Rear fog light

The rear fog light should be used only when visibility is seriously reduced [generally, to less than 100 m (328 ft)].

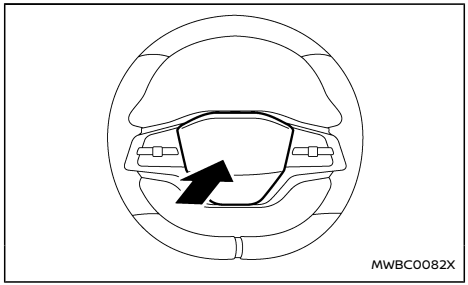
To turn the fog light on, turn the fog light switch to the position when the headlight is on.

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 and turns off when the power switch is placed in the OFF position.

HORN

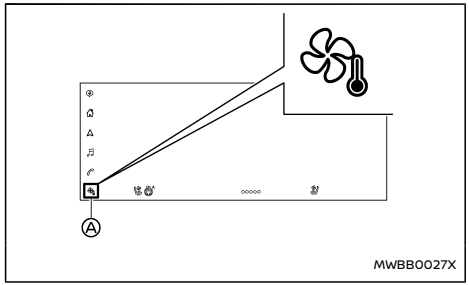


To sound the horn, push the centre pad area of the steering wheel.

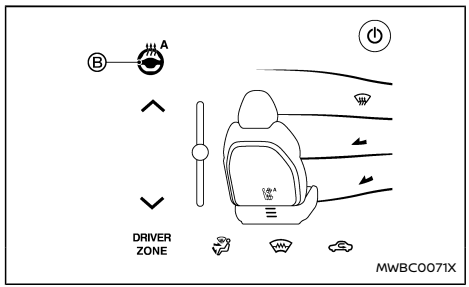
⚠ WARNING

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 electric vehicle 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)

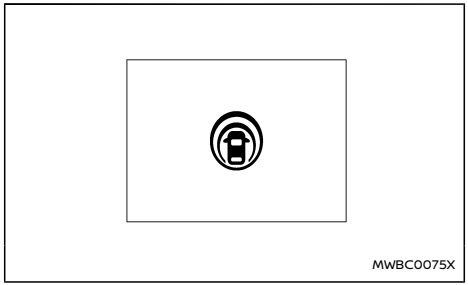
③ Off (grey)

If the surface temperature of the steering wheel is below 30 to 40°C (86 to 104°F), the system will heat the steering wheel and cycle off and on to maintain a temperature above 30 to 40°C (86 to 104°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.239).

The heated steering wheel system is automatically turned off after 30 minutes.

DYNAMIC DRIVER ASSISTANCE SWITCH (models without ProPILOT system)

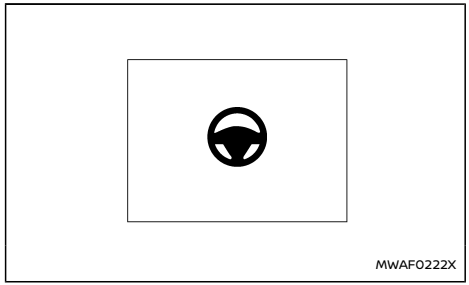

MWBC0075X

The dynamic driver assistance switch, located on the driver's side instrument panel, is used to temporarily turn on and off the Intelligent Lane Intervention system and Intelligent Blind Spot Intervention system (where fitted).

The Intelligent Lane Intervention system and Intelligent Blind Spot Intervention system must be turned on with the dynamic driver assistance switch every time the power switch is placed in the ON position.

For additional information of the Intelligent Lane Intervention system and Intelligent Blind Spot Intervention system, see "Intelligent Lane Intervention (where fitted)" (P.282) and "Intelligent Blind Spot Intervention (where fitted)" (P.300).

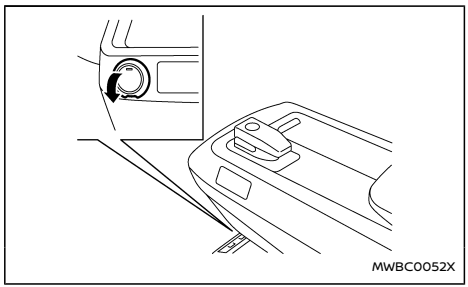
STEERING ASSIST SWITCH (models with ProPILOT system)


MWAF0222X

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.342).)

The Steering Assist system controls the steering system to help keep your vehicle near the centre of the lane when driving. (See "ProPILOT (where fitted)" (P.333).)

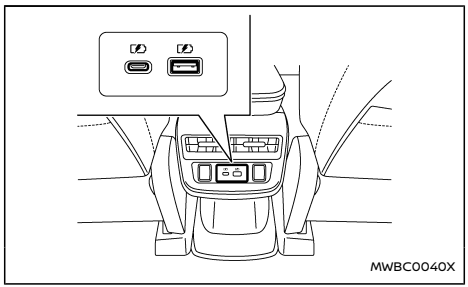

MWBC0052X

The power outlet is located in the front lower part of the centre console.

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) CHARGING CONNECTOR


MWBC0040X

The USB charging connector is located on the back of the centre console box.

The USB charging connector can be used only for charging an external device.

Connect a USB device into the connector. Charging will start automatically (maximum output up to 5 volt, 12W, 2.4A).

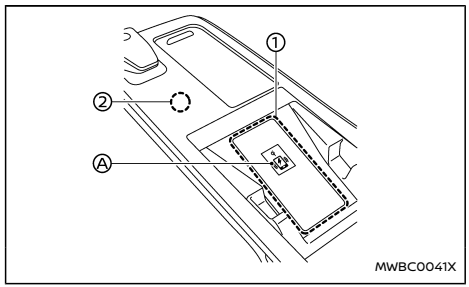
The external device will be charged continuously while the power switch is in the ON position.

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)



MWBC0041X

1. Charging pad
2. Indicator

The wireless charger is located in the centre console box. Lay the smartphone on the 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 between the wireless charger and a smartphone.**
- **Those who use a 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.**
- **Never put metallic materials or small goods such as a cigarette lighter, Intelligent Key or memory drive.**

CAUTION

- **Do not put an RFID/NFC/credit card between the wireless charger and a smartphone. This could cause data corruption in the card.**
- **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.**

Wireless charger Indicator

The indicator 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 seat the smartphone well within the charging pad. To maximize 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.

Because some smartphone cases or accessories may adversely affect charging, remove them before wireless charging.

Turn off the vibration function of the smartphone before wireless charging.

NOTE:

- **Only a Qi compatible smartphone can be used.**
- **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 ("Qi" logo) position of the wireless charger.**
- **The wireless charging process will stop during process of searching 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.**

EMERGENCY SERVICES CALL ECALL/SOS SYSTEM (where fitted)

Your vehicle is equipped with the 112-based in-vehicle emergency services call system (eCall). 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.

AUTOMATIC ECALL

If the air bag control unit detects a frontal collision, side collision or rear collision (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)

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 is 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 nongenuine 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 function cannot be used in the following conditions:

- **The vehicle is outside the area where mobile network service is receivable.**
- **The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, between buildings or in mountainous areas.**
- **The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.**
- **The available mobile network provider at the location of the vehicle is not specified for emergency call usage.**
- **The communication line of the emergency call centre is busy.**

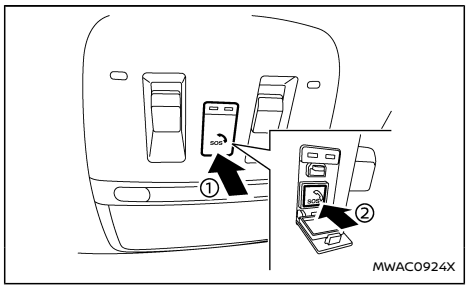
MANUAL ECALL (SOS button)

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.**



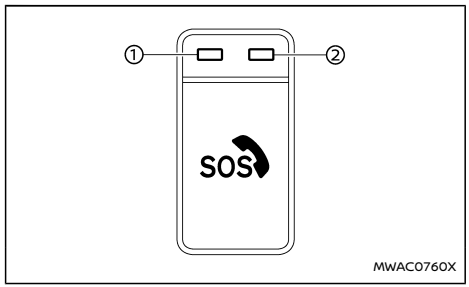
1. Place the power switch in the ON position.
2. Push to open the SOS cover ①.
3. Push the SOS button ②. An emergency call is sent to the emergency call centre. At the same time, the vehicle information is also transferred.
4. When the call is connected, you can speak to the emergency support staff.

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 until the system initiates connection, depending on the technical environment and whether the TCU is being used by other services.**
- **To avoid disconnecting the call, do not turn the electric vehicle system 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 15 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:

If the indicator light is illuminated red or no indicator light is illuminated, emergency services (such as the police or other agencies) should be contacted using other normal communication devices (for example a phone) in the event of an accident.

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.

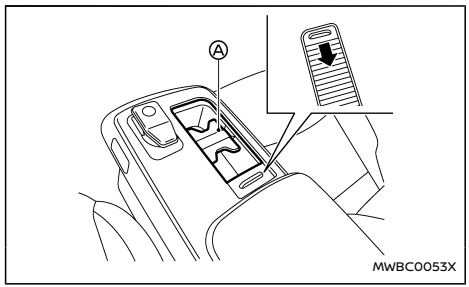
The data subject has a right to complain to the competent data protection authority if he or she considers that his or her rights have been infringed as a result of the processing of his or her personal data.

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

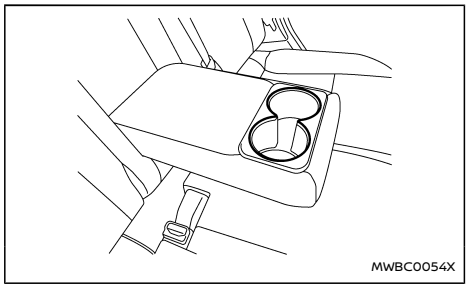


Open the lid to use the cup holder.

The flaps Ⓐ can be folded down when inserting a large container or using the cup holder as a tray. To raise, pull up the flap with your finger.

The inner partition (with the flaps) can be removed (Right-Hand Drive (RHD) model). To remove, pull up the partition with the flaps open.

Rear seat

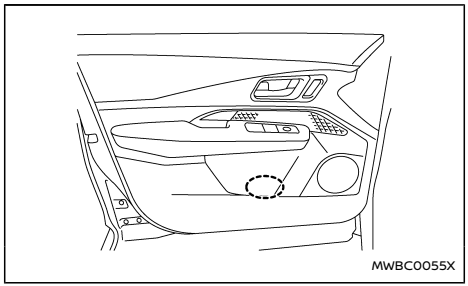


The rear cup holders are located in the rear fold-down armrest.

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.

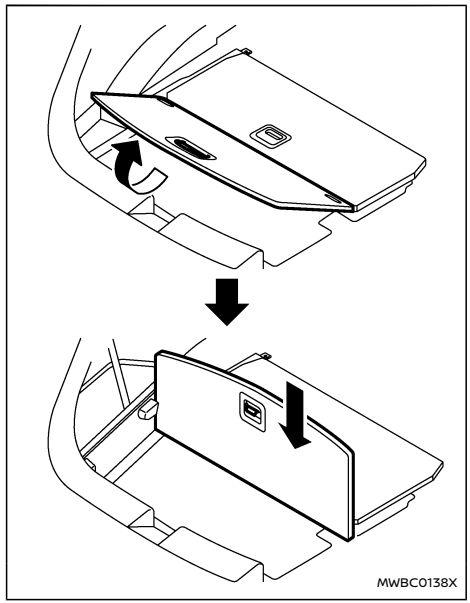
⚠ WARNING

Do not put objects heavier than 165 lbs (75 kg) on the load floor while in the upper position.

CAUTION

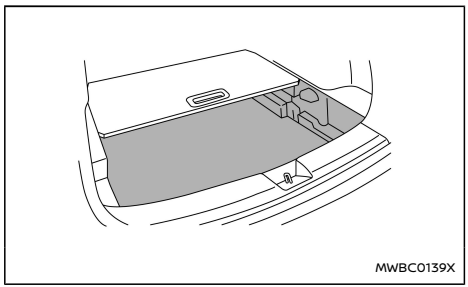
- **Do not push the front edge of the luggage board forcibly. Doing so may cause the luggage board to be tilted, resulting in personal injury.**
- **Do not handle the luggage board forcibly as this may deform it.**
- **While in the upper position, do not recline the seatbacks.**
- **Do not place cargo higher than the seatbacks. In a sudden stop or collision, unsecured cargo could cause personal injury.**

Vertical mode



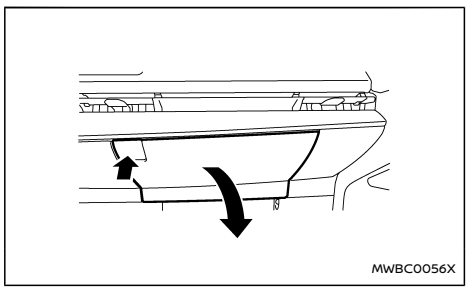
1. Pull the rear board upward to 90°.
2. Push down the board until it stops.

Luggage floor box


MWBC0139X

To use the luggage floor box, pull off the rear board.

GLOVE BOX


MWBC0056X

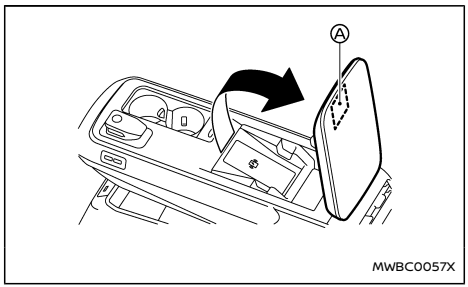
⚠ WARNING

Keep glove box lid closed while driving to help prevent injury in an accident or a sudden stop.

To open the glove box, push the button.

To close, push the lid in until the lock latches.

CONSOLE BOX



MWBC0057X

To open the console box lid, pull up the lid while pushing the button Ⓐ at the inside of the lid.

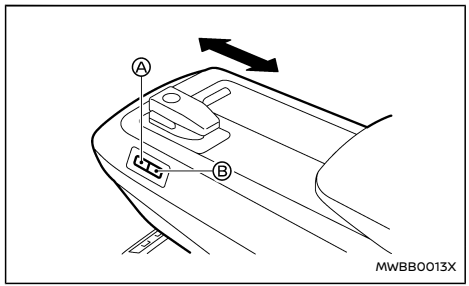
To close, push the lid down.

The position of the console box can be adjusted to your desired position (where fitted). See "Power sliding function (where fitted)" (P.166).

Power sliding function (where fitted)

⚠ WARNING

Do not adjust the position of the console box while driving to help prevent injury in an accident or a sudden stop.



MWBB0013X

The position of the console box can be adjusted to your desired position.

To slide it forward, push and hold the switch Ⓐ.

To slide it backward, push and hold the switch Ⓑ.

FLEXIBLE CENTRE STORAGE

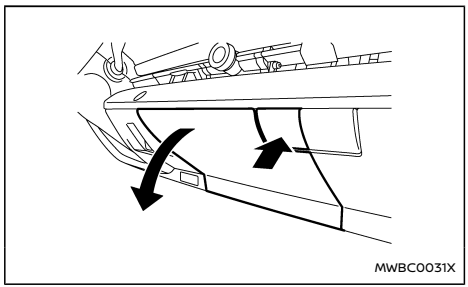
⚠ WARNING

Keep flexible centre 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).

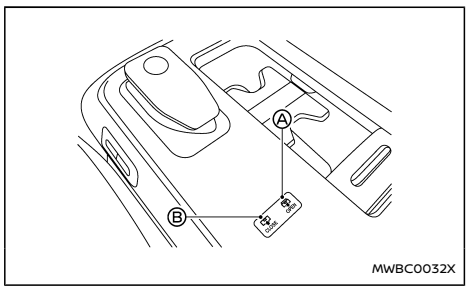
Manual operation type


MWBC0031X

To open the flexible centre storage, push the button.

To close, push the lid in until the lock latches.

Power operation type



MWBC0032X

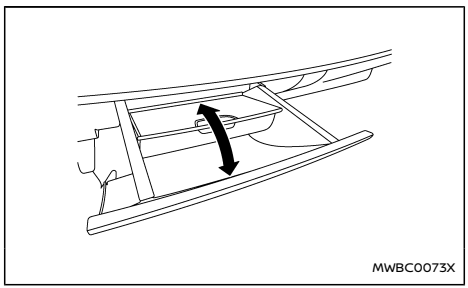
To open the flexible centre storage, push and hold the OPEN side of the switch Ⓐ located on the centre console.

To close, push and hold the CLOSE side of the switch Ⓑ.

NOTE:

- **If the temperature inside the vehicle is very high, the power operation of the flexible centre storage may stop working.**
- **If something is caught in the flexible centre storage while it is closing, the lid may move toward the opening direction.**
- **If excessive load is applied to the top of the lid, the lid may move toward the closing direction.**
- **The switch indicators will flash if open or close operation is performed while the vehicle is moving.**

Table


MWBC0073X

CAUTION

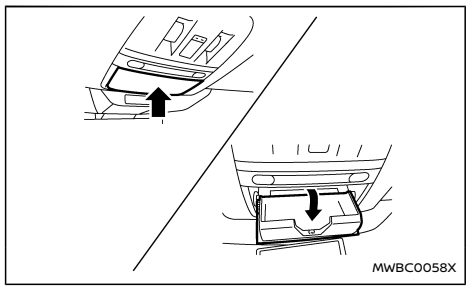
Do not apply a total load of more than 5 kg (11 lb) on the table.

The inside plate can be used as a table when the vehicle is parked.

To use the table, pull it out from the inside of the centre storage.

When not in use, push it to the inside of the flexible centre storage.

SUNGLASSES HOLDER


MWBC0058X

⚠ WARNING

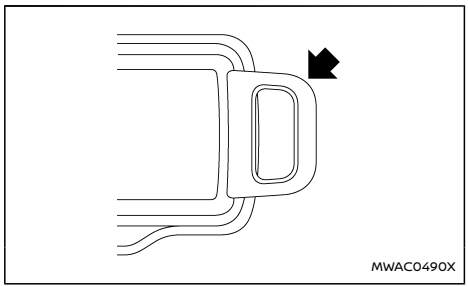
Keep the sunglasses holder closed while driving to avoid obstructing the driver's view and to help prevent an accident.

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.**

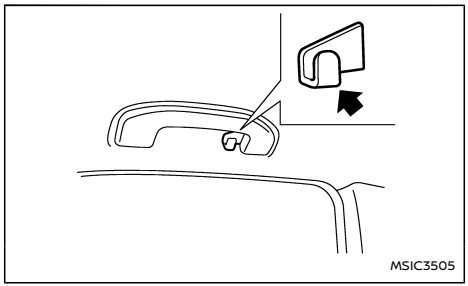
To open the sunglasses holder, push and release. Only store one pair of sunglasses in the holder.

CARD HOLDER



Slide a card in the card holder.

COAT HOOKS



The coat hooks are located above the rear side windows.

CAUTION

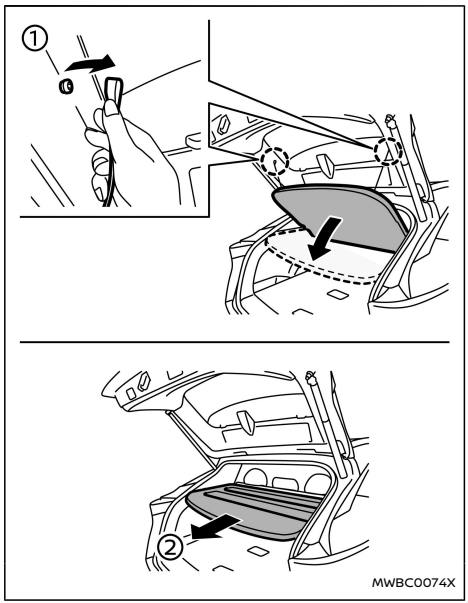
Do not apply a total load of more than 2 lb (1 kg) to the hook.

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 collision, 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.**

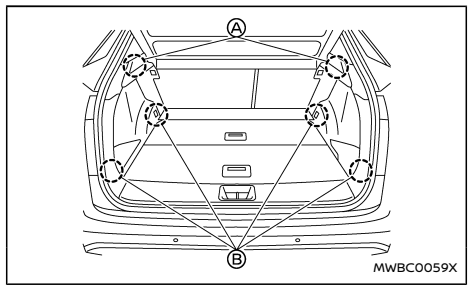
The tonneau cover keeps the luggage compartment contents hidden from the outside.



To remove the tonneau cover:

1. Remove the straps from the liftgate.
2. Remove the tonneau cover by slightly lifting up and then pulling it backward.

LUGGAGE HOOKS

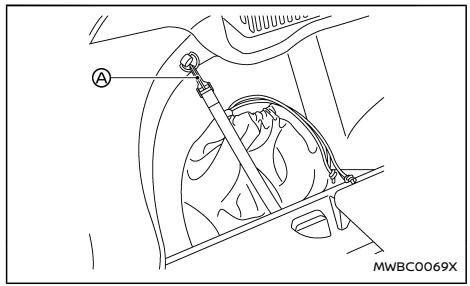


The hooks are located on the luggage compartment as shown.

⚠ 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.**

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.

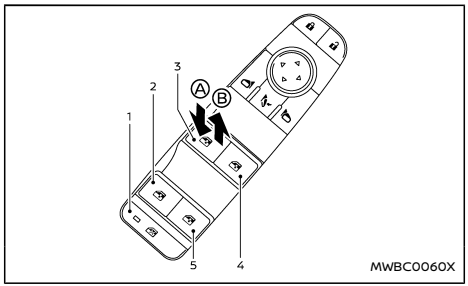
POWER WINDOWS

⚠ 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.

Main power window switch (driver's side)



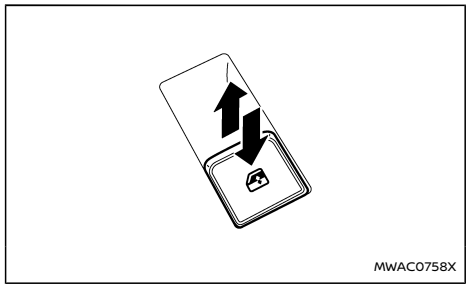
1. Window lock button
2. Rear left passenger side window
3. Driver side window
4. Front passenger side window
5. Rear right passenger side window

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

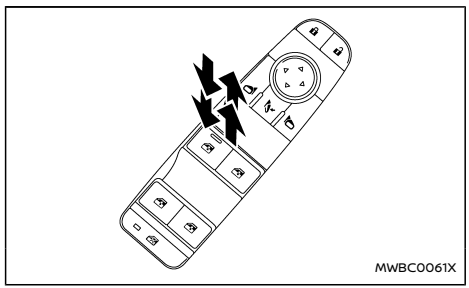
When the window lock button is pushed (the indicator illuminates), the rear passenger's windows cannot be operated with the rear passenger's power window switch. The rear passenger's windows can only be operated with the main switch (driver side switches). To cancel the passenger's windows lock, push 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.189).

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.

⚠ WARNING

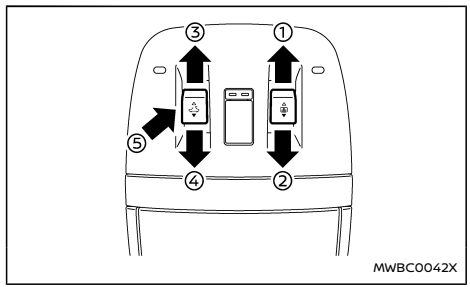
- **In an accident you could be thrown from the vehicle through an open sunroof. Always use seat belts and child restraints.**
- **Do not allow anyone to stand up or extend any portion of their body out of the sunroof opening while the vehicle is in motion or while the sunroof is closing.**

CAUTION

- **Remove water drops, snow, ice or sand from the sunroof before opening.**
- **Do not place any heavy object on the sunroof or surrounding area.**

The sunroof only operates when the power switch is placed in the ON position. The sunroof is operational for a period of time, even if the power switch is placed in the OFF position. If the driver's door or the front passenger's door is opened during this period of time, the power to the sunroof is cancelled.

AUTOMATIC SUNROOF AND SUNSHADE



Sliding sunshade and sunroof

When the sunshade switch is pushed to the OPEN position ①, the sunshade will open. When the sunroof switch is pushed to the OPEN position ③, the sunroof opens to the comfort mode position. (If the sunshade is close, the sunshade will open half first. When the switch is pushed again, the sunroof will open fully.)

When the sunroof switch is pushed to the CLOSE position ④, the sunroof will automatically close. When the sunshade switch is pushed to the CLOSE position ②, the sunshade will close.

To stop the sunshade or sunroof during the operation, push the sunroof switch to either of the OPEN ①, ③, CLOSE ②, ④ or UP ⑤ position.

Tilting sunroof

To tilt up the sunroof, push the sunroof switch to the up position ⑤.

To tilt down the sunroof, push the switch again or push to the CLOSE position ④.

Comfort mode

This is the position used when driving with the sunroof open. When driving with the sunroof fully open, wind noise may be very loud. Use the comfort mode position when driving.

Auto-reverse function

⚠ WARNING

There are some small distances just before the closed position which cannot be detected. Make sure that all passengers have their hands, etc. inside the vehicle before closing the sunroof and sunshade.

The auto-reverse function enables the sunroof and sunshade to automatically reverse when something is caught in the sunroof and sunshade as it is closing. When the control unit detects an obstacle, the sunroof and sunshade will open 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 sunroof and sunshade occurs.

If the auto-reverse function activates consecutively or the battery is discharged, the sunroof and sunshade may not close properly. In this case, push and hold the switch to the CLOSE position ④ to close the sunroof.

Operating sunroof with Intelligent Key

The sunroof can be opened or closed by pushing the UNLOCK or LOCK button on the Intelligent Key. This function will not operate while the sunroof timer is activated or when the sunroof needs to be initialised. For details about the Intelligent Key button usage, see “How to use remote keyless entry function” (P.189).

Opening:

To open the sunroof, push and hold the UNLOCK button on the Intelligent Key. The operation will stop after about 7 seconds. You can continue the operation by pushing and holding the UNLOCK button again. To stop opening, release the UNLOCK button.

Closing:

To close the sunroof, push and hold the LOCK button on the Intelligent Key. To stop closing, release the LOCK button.

If the sunroof does not operate

If the sunroof and sunshade do not operate properly, perform the following procedure to initialise the operation system.

1. If the sunroof and sunshade are open, close them fully by repeatedly pushing the sunroof switch to the CLOSE ② and ④ position.
2. Push and hold the sunroof switch to the CLOSE ④ position for 10 seconds.
3. After the sunroof and sunshade move slightly to the closed position and then move back a little, release the sunroof switch.
4. Push and hold the sunroof switch to the CLOSE ④ position, and the glass and shade will move.
5. Release the sunroof switch. Then the sunroof and sunshade will fully open and then fully close.
6. Check if the sunroof switch operates normally.

⚠ WARNING

The driver is always responsible for operating the sunroof properly, including the operation by all passengers. Failure to follow the warnings and instructions for proper use of the sunroof could result in serious injury or death.

- **Do not allow children to operate the sunroof. Improper operation by children may cause an accident. If children or others get caught in the sunroof, it could cause serious injury.**
- **To help avoid risk of injury or death through unintended operation of the sunroof, place the power switch in the OFF position when leaving the vehicle, and do not leave children and the Intelligent Key inside the vehicle.**
- **Do not activate the auto-reverse function intentionally. If hands or face, etc. get caught in the sunroof, it could cause serious injury.**

CAUTION

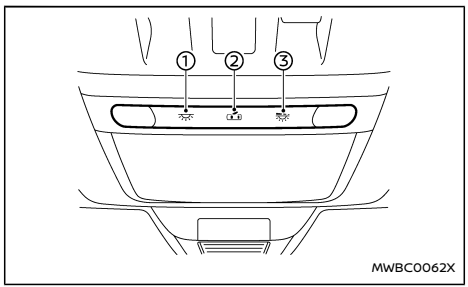
- **Do not place objects (such as newspapers, handkerchiefs, etc.) on the sunshade when it is extending or retracting causing improper operation or damage to the sunshade.**
- **Do not push the sunshade arm with your hands, etc., as this may deform it. Improper operation or damage to the sunshade may result.**
- **Do not put any object into the sunshade inlet port as this may result in improper operation or damage the sunshade.**
- **Do not hang any object on the arm rail as this may result in improper operation or damage the sunshade.**
- **Do not forcefully pull the sunshade. Doing so may elongate the sunshade. Improper operation or damage to the sunshade may result.**

If the sunroof does not operate properly after performing the procedure above, have your vehicle checked by a NISSAN certified electric vehicle dealer.

CAUTION

- **Do not leave the light switch on when the electric vehicle 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

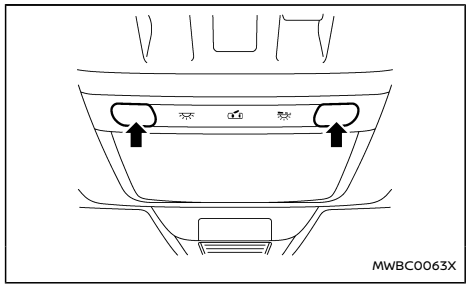


① The interior lights can be turned ON regardless of door position. The lights will go off after a period of time unless the power switch is placed in the ON position when any door is opened.

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.

③ The brightness of the map lights can be adjusted in 3 levels by touching this switch.

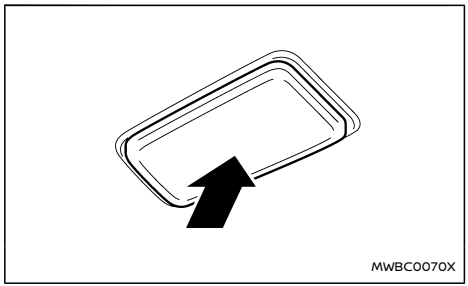
MAP LIGHTS



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.

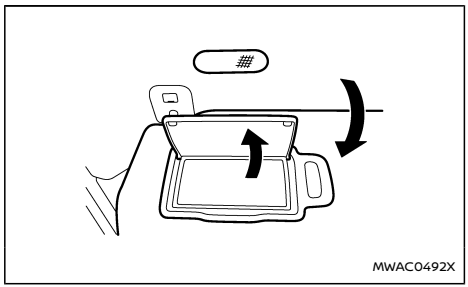
REAR PERSONAL LIGHTS


MWBC0070X

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.

VANITY MIRROR LIGHT


MWAC0492X

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 liftgate is opened.

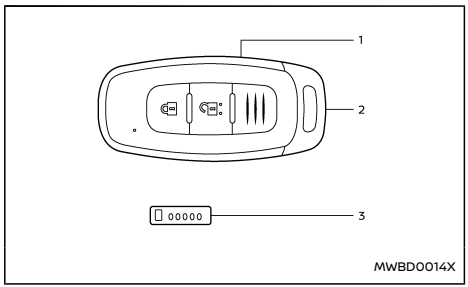
The light will turn off after a period of time when the light remains illuminated to prevent the battery from becoming discharged.

MEMO

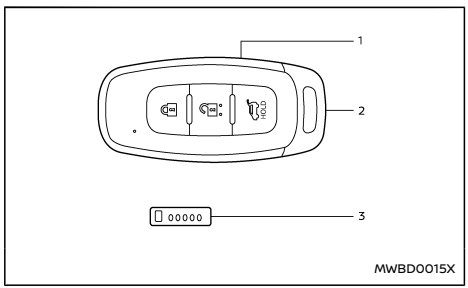
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INTELLIGENT KEY



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.

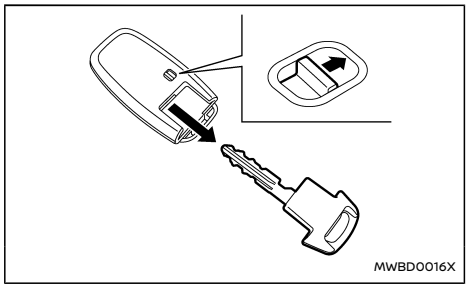
A key number is only necessary when you have lost all keys and do not have one to duplicate from. If you still have a key, it can be duplicated without knowing the key number.

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.179).)

CAUTION

Always carry the mechanical key installed in the Intelligent Key.

⚠ WARNING

- **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.**

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 liftgate 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.

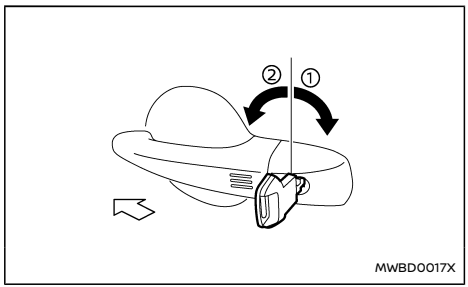
Locking without activating the Super Lock System

⚠ 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

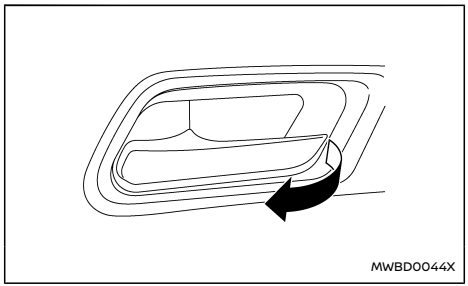


To lock the driver's door, turn the driver's door key cylinder to the rear of the vehicle ①.

To unlock the driver's door, turn the driver's door key cylinder to the front of the vehicle ②.

To lock or unlock the other doors and the liftgate, use the Intelligent Key function. (See "Intelligent Key system" (P.182).)

UNLOCKING WITH INSIDE HANDLE

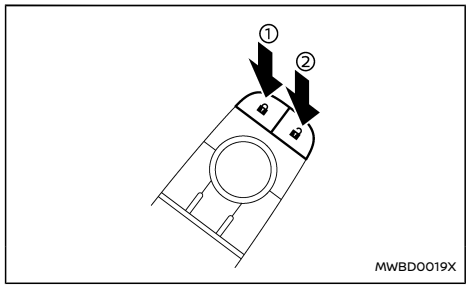


To unlock and open the door, pull the inside door handle as illustrated.

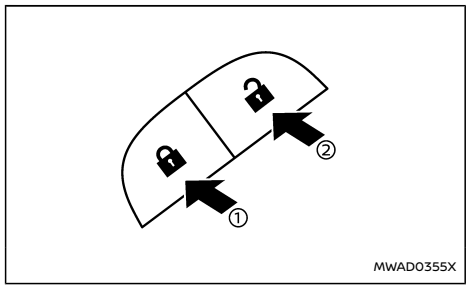
Model with Super Lock System:

The doors cannot be opened by using the inside door handle when the Super Lock System is activated.

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 with the driver's door open,

then close the door.

The door lock indicator light on the roof console comes on when the doors are locked.

When locking the door this way, be sure not to leave the key inside the vehicle.

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 (RHD models)

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.

VEHICLE SPEED SENSING DOOR LOCK MECHANISM (where fitted)

All doors will be locked automatically when the vehicle speed reaches 10 km/h (6 MPH). Once the lock has been unlocked, while driving, the vehicle speed sensing door lock mechanism will lock the door when the vehicle speed reaches 10 km/h (6 MPH) again.

To activate vehicle speed sensing door lock mechanism

1. Place the power switch in the ON position.
2. Within 20 seconds, push and hold the power door lock switch to the LOCK position for 5 seconds.
3. The hazard indicator lights will blink twice if activation was successful.

To deactivate:

1. Place the power switch in the ON position.
2. Within 20 seconds, push and hold the power door lock switch to the LOCK position for 5 seconds.
3. The hazard indicator lights will blink once if deactivation was successful.

AUTO DOOR LOCK RELEASING MECHANISM (where fitted)

All doors will be unlocked automatically when the power switch is moved from ON to "OFF" position. The automatic door unlock function can be changed using the Vehicle Settings in the vehicle information display. (See "Vehicle Settings" (P.125).)

To activate auto door lock releasing mechanism using power door lock switch

1. Place the power switch in the ON position.
2. Within 20 seconds, push and hold the power door lock switch to the UNLOCK position for 5 seconds.
3. The hazard indicator lights will blink twice if activation was successful.

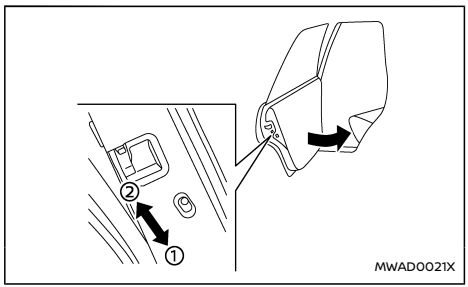
To deactivate:

1. Place the power switch in the ON position.
2. Within 20 seconds, push and hold the power door lock switch to the UNLOCK position for 5 seconds.
3. The hazard indicator lights will blink once if deactivation was successful.

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



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 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.130).)

Since the Intelligent Key is continuously receiving radio waves, if the key is left near equipment which transmits strong radio waves, 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.451).

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.

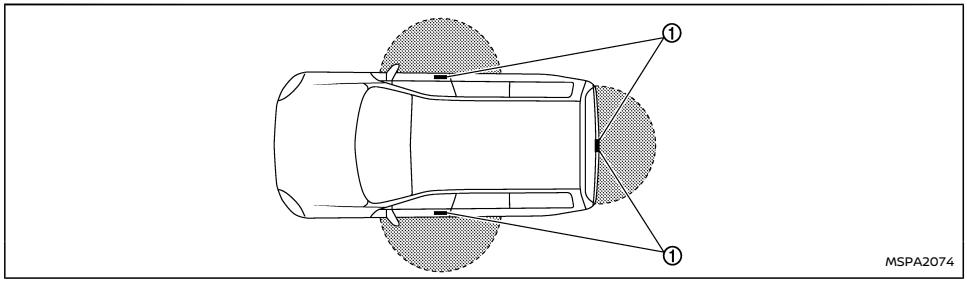
CAUTION

- **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.

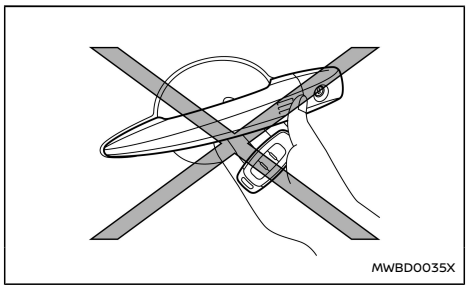
When the Intelligent Key battery is discharged or strong radio waves are present near the operating location, the Intelligent Key system's operating range becomes narrower, and the Intelligent Key may not function properly.

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.

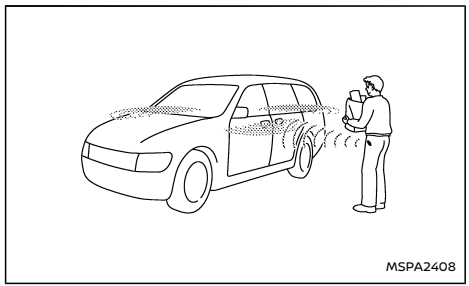
When the Intelligent Key is within the operating range, it is possible for anyone who does not carry the Intelligent Key to use the lock or capacitive unlock sensors or request switch to lock or unlock the doors including the liftgate.

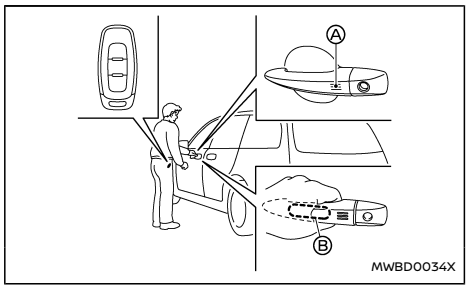
DOOR LOCKS/UNLOCKS PRECAUTION



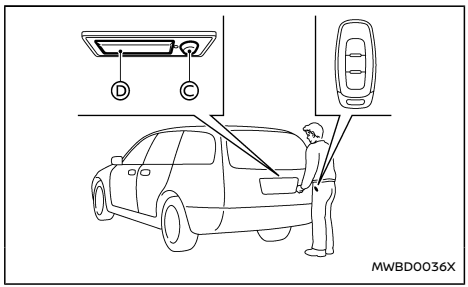
- Do not use the lock or capacitive unlock sensors or the request switch with the Intelligent Key held in your hand as illustrated. The close distance to the door handle will cause the Intelligent Key system to have difficulty recognising that the Intelligent Key is outside the vehicle.
- After locking 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

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) or liftgate request switch Ⓒ within the range of operation.

You can unlock all the door and liftgate by touching the capacitive unlock sensor Ⓑ (located on inside of the front door handles) within the range of operation.

When you lock or unlock the doors, the hazard indicator will flash. For details, see "Hazard indicator mode" (P.191).

NOTE:

- **The lock or capacitive unlock sensors and the liftgate request switch can be deactivated in the Vehicle Settings of the vehicle information display. (See "Vehicle Settings" (P.125).)**
- **The lock or capacitive unlock sensors are operational only when the Intelligent Key has been detected by the Intelligent Key system.**

Welcome light function

When you unlock the doors or the liftgate, the emblem light (where fitted), clearance lights and the tail lights will illuminate for a period of time. The welcome light function can be disabled. For information about disabling the welcome light function, see "Vehicle Settings" (P.125).

Locking doors

1. Push the park button on the shift lever 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 Ⓐ or push the liftgate request switch Ⓒ while carrying the Intelligent Key with you.
4. All doors and the liftgate will lock.
5. The hazard indicator lights flash once.

NOTE:

- **Doors can be locked with the lock sensor or liftgate request switch while the power switch is in the ON position. The power switch will be switched to the OFF position.**
- **Doors do not lock if the power switch is in the READY to drive position.**
- **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 or the liftgate request switch 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.**
- **The lock sensor may not react immediately when the door handle gets wet from rain, etc. Keep touching the lock sensor until the doors lock, or touch the lock sensor after grasping the door handle.**

CAUTION

- **After locking the doors using the lock sensor or the liftgate request switch, make sure that the doors have been securely locked by operating the door handles or the liftgate opener switch.**
- **When locking the doors using the lock sensor or the liftgate request switch, make sure to have the Intelligent Key in your**

possession before operating the lock sensor or the liftgate request switch to prevent the Intelligent Key from being left in the vehicle.

Unlocking doors

To switch the door unlock mode from one to another, see "Vehicle Settings" (P.125).

Selective door unlock mode:

1. Carry the Intelligent Key with you.
2. Wrap the driver's or front passenger's door handle (capacitive unlock sensor) Ⓑ or push the liftgate request switch Ⓒ.
3. Only the corresponding door will be unlocked. The hazard indicator lights flash twice.
4. Touch the lock sensor Ⓐ within 5 seconds after releasing the door handle.
5. All doors will be unlocked. The hazard indicator lights flash twice.

All door unlock mode:

1. Carry the Intelligent Key with you.
2. Wrap the front door handle (capacitive unlock sensor) Ⓑ or push the liftgate request switch Ⓒ.
3. All doors will be unlocked. The hazard indicator lights flash twice.
4. Operate the door handles to open the doors.

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.

Automatic relock:

All doors will be locked automatically unless one of the following operations is performed within 30 seconds 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 30 seconds.

Opening liftgate

1. Carry the Intelligent Key.
2. Push the liftgate opener switch Ⓓ.
3. The liftgate 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. 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.125).

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. 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.125).

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 liftgate are not closed securely.**
  - **When the electric vehicle 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 all the following conditions are 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.252).)

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.188) and "Vehicle information display" (P.120).

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 closing the door with the inside lock knob turned to LOCK	The outside chime sounds for a few seconds and all the doors unlock.	The Intelligent Key is inside the vehicle or cargo area.	Carry the Intelligent Key with you.
When touching the lock sensor or pushing the liftgate request switch 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 Intelligent Key battery discharge 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.451).)
	The Key is not 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 Intelligent Key system warning indicator 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

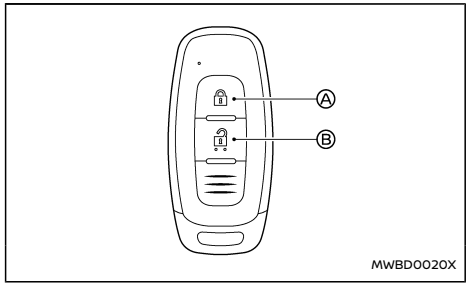
- **Do not allow the Intelligent Key, which contains electrical components, to come into contact with water or salt water. This could affect the system function.**
- **Do not drop the Intelligent Key.**
- **Do not strike the Intelligent Key sharply against another object.**
- **Do not change or modify 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.)

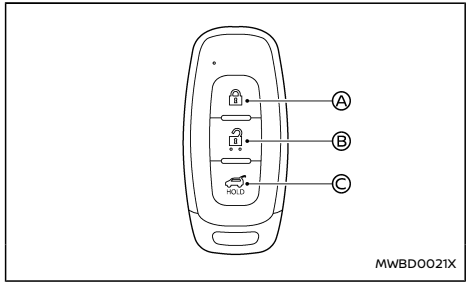
The remote keyless entry function will not operate:

- 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 liftgate button

When you lock or unlock the doors or the liftgate, the hazard indicator will flash as a confirmation. For details, see "Hazard indicator mode" (P.191).

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 liftgate 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.

Operate the door handles to confirm that the doors have been securely locked.

Unlocking doors

To change the door unlock mode from one to another on the vehicle information display, see "Vehicle Settings" (P.125).

Selective door unlock mode:

1. Push the UNLOCK button Ⓑ on the Intelligent Key.
2. The driver's door will be unlocked.
3. Push the UNLOCK button Ⓑ again within 5 seconds.
4. All doors will be unlocked.
5. Operate the door handles to open the doors.

All door unlock mode:

1. Push the UNLOCK button Ⓑ on the Intelligent Key.
2. All doors will be unlocked.
3. Operate the door handle to open the door.

Automatic relock:

All doors will be locked automatically unless one of the following operations is performed within 30 seconds after pushing the UNLOCK button Ⓑ while the doors are locked.

- Opening any door (including the liftgate).
- Pushing the power switch.

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.170).

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 sunroof

The sunroof can be opened or closed with the Intelligent Key. This function will not operate while the sunroof timer is activated or when the sunroof needs to be initialised.

Opening:

To open the sunroof, push and hold the UNLOCK button Ⓑ on the Intelligent Key. The operation will stop after about 7 seconds. You can continue the operation by pushing and holding the UNLOCK button Ⓑ again, To stop opening, release the UNLOCK button Ⓑ.

Closing:

To close the sunroof, push and hold the LOCK button Ⓐ on the Intelligent Key. To stop closing, release the LOCK button Ⓐ.

Opening/closing liftgate (where fitted)

1. Push the power liftgate button Ⓒ for more than 1 second.
2. The liftgate will automatically open.

The outside chime sounds 3 times for approximately 3 seconds.

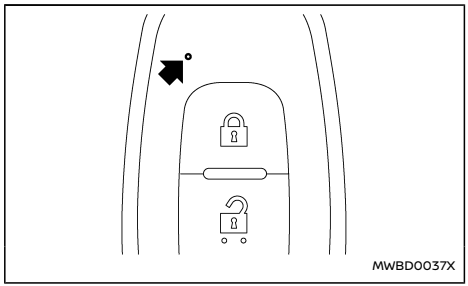
To close the liftgate, push the power liftgate button Ⓒ for more than 1 second.

The liftgate will automatically close.

If the button Ⓒ is pushed while the liftgate is

being opened or closed, the liftgate will immediately stop. Pushing the button © again will reverse the direction of the liftgate. However, when the liftgate is near the fully open position, it moves in the closing direction and when the liftgate 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.451).

Hazard indicator mode

When the LOCK button is pushed, the hazard indicator flashes once. When the UNLOCK button is pushed, the hazard indicator flashes twice.

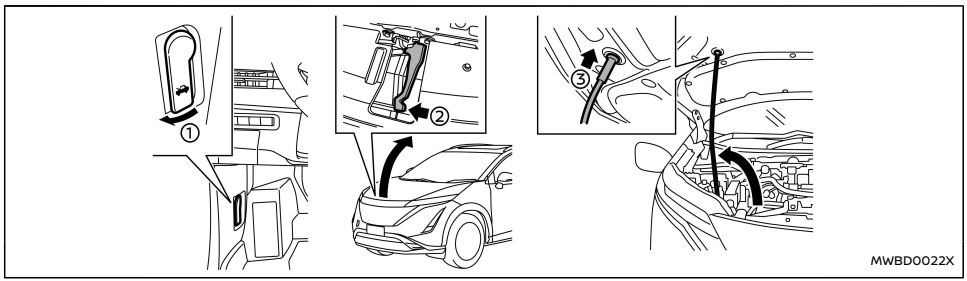
Hazard indicator mode:

Operation	**DOOR LOCK**	**DOOR UNLOCK**
Touching the lock or capacitive unlock sensor or pushing liftgate request switch	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 electric vehicle 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.

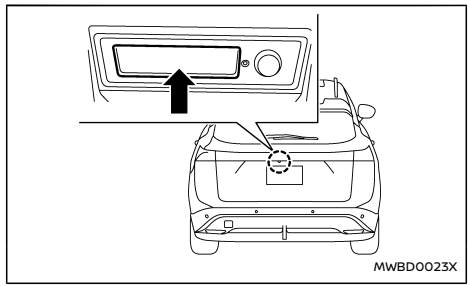
⚠ WARNING

- **Always be sure the liftgate has been closed securely to prevent it from opening while driving.**
- **Do not drive with the liftgate 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 liftgate.**

CAUTION

Do not use accessory carriers that attach to the liftgate. Doing so will cause damage to the vehicle.

OPERATING MANUAL LIFTGATE (where fitted)



To open the liftgate, unlock it. Pull up the liftgate to open.

The liftgate can be unlocked by:

- pushing the UNLOCK button on the Intelligent Key once (all door unlock mode) or twice (selective door unlock mode) .
- pushing the liftgate request switch.
- touching the capacitive unlock sensor.

To close the liftgate, pull down until it securely locks.

OPERATING POWER LIFTGATE (where fitted)

To operate the power liftgate, the vehicle must be in the P (Park) position.

The power liftgate will not operate if the battery voltage is low.

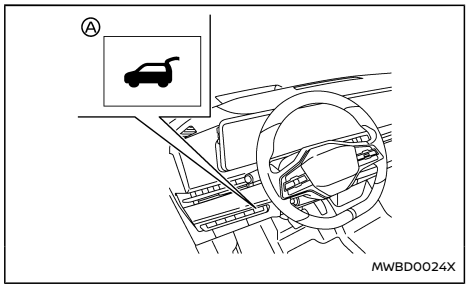
If the liftgate is open approximately 150 mm (5.9 in) or less from the fully closed position, power liftgate cannot be performed by any switch operations. To operate the power liftgate, manually close the liftgate.

The power liftgate operation can be activated or deactivated in the vehicle information display. (See “Vehicle Settings” (P.125).)

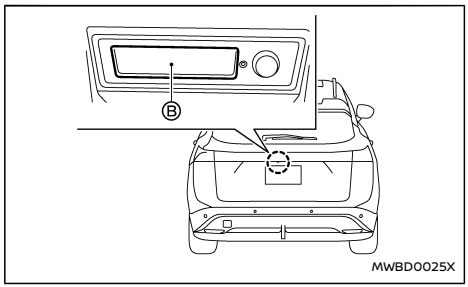
NOTE:

- **For models with motion-activated liftgate: When washing, waxing or maintaining your vehicle, placing or replacing the body cover, or splashing water to the area around the kick motion sensor, turn off the power liftgate.**
- **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.**

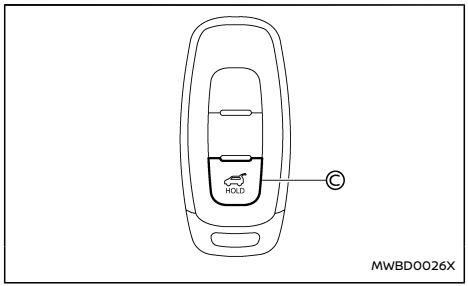
Power open (using switches)



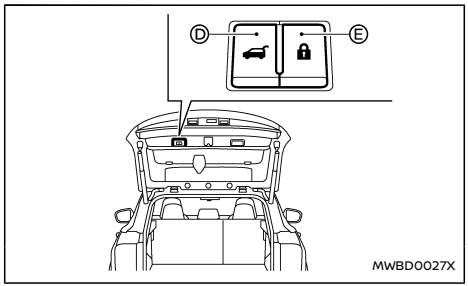
Power liftgate switch — Instrument panel



Liftgate opener switch



Power liftgate button - Key (example)



Power liftgate close and lock switches — Liftgate

When the liftgate is fully closed, the liftgate will fully open automatically by:

- pushing the power liftgate switch Ⓐ on the instrument panel for more than 1 second
- pushing the liftgate opener switch Ⓑ
- pushing the power liftgate button Ⓒ on the key for more than 1 second

The outside chime sounds when the liftgate starts opening.

NOTE:

The liftgate can be opened by the power liftgate switch Ⓐ or the power liftgate button Ⓒ even if the liftgate is locked. The liftgate can be unlocked and opened independently of the other doors, even when they are locked. The liftgate must be unlocked (or the Intelligent Key must be within range) to open with the liftgate opener switch Ⓑ.

Power close (using switches)

When the liftgate is fully opened, the liftgate will fully close automatically by:

- pushing the power liftgate switch Ⓐ on the instrument panel for more than 1 second
- pushing the power liftgate button Ⓒ on the key for more than 1 second
- pushing the power liftgate close switch Ⓓ on the lower part of the liftgate

The outside chime sounds when the liftgate starts closing.

Power close and lock

When the liftgate is fully opened and the Intelligent Key is carried with you near the liftgate, all the doors and the liftgate will lock and the liftgate will fully close automatically by pushing the power liftgate lock switch Ⓔ on the lower part of the liftgate.

The outside chime sounds when the liftgate starts closing.

Stop and reverse function (where fitted)

The power liftgate will stop immediately if one of the following actions is performed during power open or close.

- pushing the power liftgate switch Ⓐ
- pushing the liftgate opener switch Ⓑ
- pushing the power liftgate close switch Ⓓ on the lower part of the liftgate
- pushing the power liftgate button Ⓒ on the key

And then the power liftgate will move in the reverse direction if one of the above actions is performed again.

The outside chime sounds when the liftgate starts to reverse.

Auto reverse function

The auto-reverse function enables the liftgate to automatically reverse when something is caught in the liftgate as it is opening or closing. When the control unit detects an obstacle, the liftgate will reverse and stop.

If a second obstacle is detected, the liftgate motion will stop.

A pinch sensor is mounted on each side of the liftgate. If an obstacle is detected by the pinch sensor during power close, the liftgate 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.

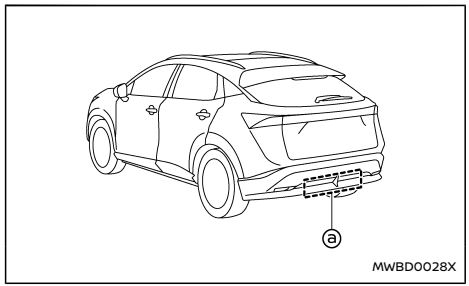
⚠ WARNING

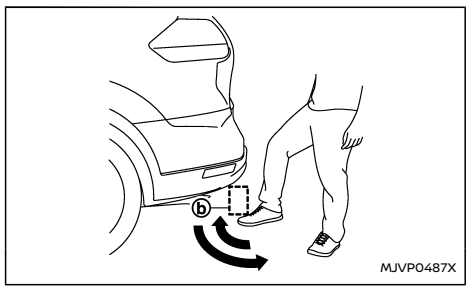
There is a small distance immediately before the closed position that cannot be detected. Make sure that all passengers keep their hands, etc., clear from the liftgate opening before closing the liftgate.

Manual mode

If power operation is not available, the liftgate can be operated manually. Power operation may not be available if the battery voltage is low or if the liftgate is open approximately 150 mm (5.9 in) or less from the fully closed position. When the power liftgate is turned off, the liftgate can be opened manually by pushing the liftgate opener switch. If the power liftgate opener switch is pushed during power open or close, the power operation will be cancelled and the liftgate can be operated manually. This will allow normal power operation functions to resume.

MOTION-ACTIVATED LIFTGATE (where fitted)





The liftgate can be operated using a quick kicking motion under the centre of the rear bumper.

The kick motion sensor ⓐ is located on the back of the rear bumper. when you move your foot under and then away from the operating range ⓑ similar to a kicking motion, while carrying the Intelligent

Key with you, the liftgate will open or close automatically.

Proper operation technique

- While at the rear of the vehicle, begin making a quick forward kicking motion.
- Raise your foot straight under the centre of the rear bumper then immediately return your foot to the ground in a continuous motion.
- You do not need to hold your foot under the bumper or move it side to side. Immediately return your foot to the ground.
- The kicking motion should be straight, smooth and consistent.
- After your kick motion is complete, step back and allow the liftgate to open/close.
- Three beeps will sound and the liftgate will begin moving within 2 seconds after the kick.

⚠ WARNING

Prevent unintentional liftgate opening/closing. There may be conditions when opening/closing the liftgate is not desired. Keep the Intelligent Key out of range of the liftgate, (2 m (7 ft) or more) or inside the vehicle, when washing or working around the back of the vehicle.

NOTE:

- **The kick motion sensor may not function under the following conditions:**
  - **When operating near a location where strong radio waves are transmitted, such as a TV tower, power station or broadcasting station.**
  - **When the vehicle is parked near a parking meter.**
- **The power liftgate may not operate when your foot remains in the operating range ⓑ.**

CAUTION

- **When the Intelligent Key is carried with you near the liftgate, even someone, who does not carry the Intelligent Key, may be able to open or close the liftgate with a kick motion.**
- **Do not perform a kick motion on an unstable place (for example, on a slope or a muddy ground, etc.).**

Power open or close function

The liftgate will fully open automatically using the kick motion sensor.

1. Carry the Intelligent Key.
2. Move your foot under and away from the rear bumper similarly to a kicking motion within the operation range of the kick motion sensor.
3. The liftgate will automatically open or close.

Stop and reverse function

The power liftgate will stop immediately if a kick motion is performed during power open or close. The liftgate can be stopped even if you do not carry the Intelligent Key.

And then the power liftgate will move in the reverse direction if a kick motion is performed again. The power liftgate can be reversed when you carry the Intelligent Key.

GARAGE MODE SYSTEM (where fitted)

The liftgate can be set to open to a specific height by performing the following:

1. Open the liftgate.
2. Pull the liftgate down to the desired position and hold the liftgate (the liftgate will have some resistance when being manually adjusted).
3. While holding the liftgate in position, press and hold the power liftgate close and lock switch ⓓ located on the liftgate for approximately 3 seconds or until 2 beeps are heard.

The liftgate will open to the selected position setting. To change the position of the liftgate, repeat steps 1-3 for setting the position of the liftgate.

CAUTION

Do not set the height of the liftgate 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 liftgate reaches the secondary position, the closure motor engages and pulls the liftgate to its primary latch position.

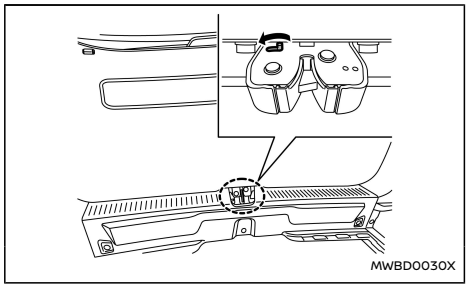
Do not apply excessive force when the auto closure is operating. Excessive force applied may cause the mechanism to malfunction.

CHARGE PORT LID

CAUTION

- **The liftgate will automatically close from the secondary position. To avoid pinching, keep hands and fingers away from liftgate opening.**
- **Do not let children operate the liftgate.**

LIFTGATE RELEASE LEVER



If the liftgate 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.59).)
2. Insert a suitable tool in the access opening. Move the release lever to the left. The liftgate will be unlatched.
3. Push the liftgate up to open.

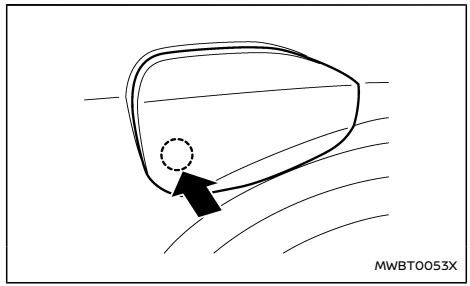
Contact a NISSAN certified electric vehicle dealer as soon as possible for repair.

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.

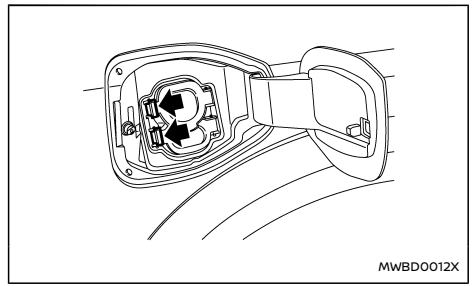
The charge port lid is linked to the door locking mechanism of the vehicle.



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



Combined Charging System charge port

When opening the charge port cap, push the tab and open the cap.

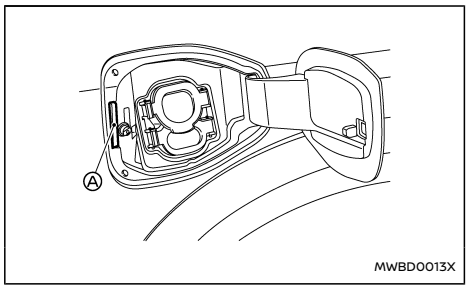
When the charge port cap is closed to its previous position, it will lock automatically.

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 quick charge port cap before closing the charge port lid. The quick 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 the normal 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.

When the normal 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:

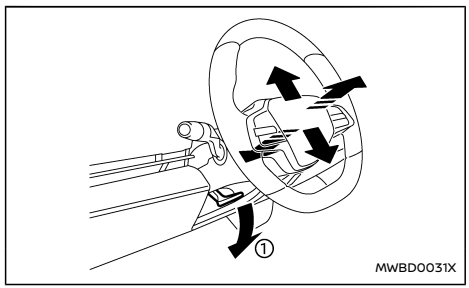
If you walk away from the vehicle with the Intelligent Key with you, the light illuminates for about 30 seconds. If the light has already been illuminated, the light turns of after about 30 seconds.

⚠ 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.**

MANUAL STEERING WHEEL ADJUSTMENT

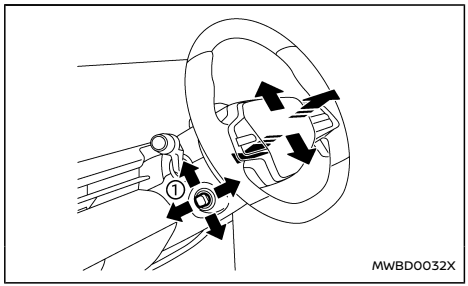
Tilt and telescopic operation



Pull the lock lever ① down and adjust the steering wheel up, down, forward or rearward to the desired position. Push the lock lever up securely to lock the steering wheel in place.

ELECTRIC STEERING WHEEL ADJUSTMENT

Tilt and telescopic operation



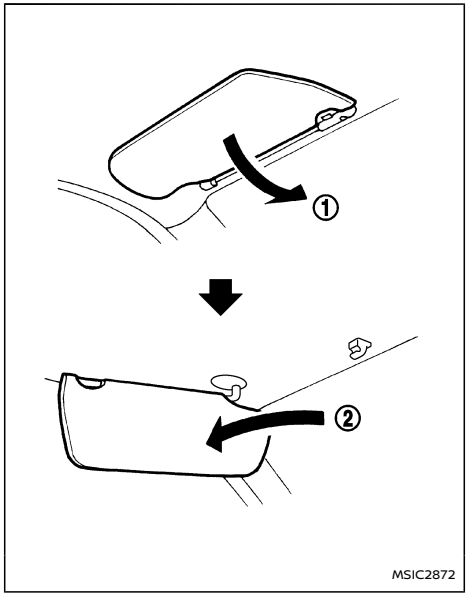
Move the lever ① to adjust the steering wheel up or down, forward or rearward until the desired position is achieved.

Entry/Exit function

The memory seat system will make the steering wheel move up automatically when the driver's door is opened with the power switch in the OFF position. This function allows the driver get into and out of the seat more easily.

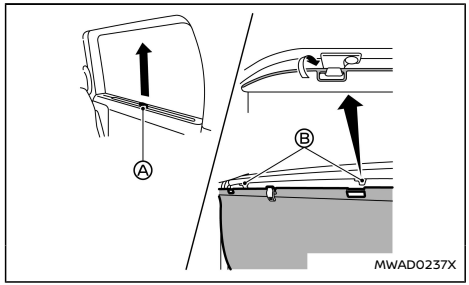
For more information, see "Memory seat (where fitted)" (P.206).

SUN VISORS



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.

REAR SUNSHADE (where fitted)



CAUTION

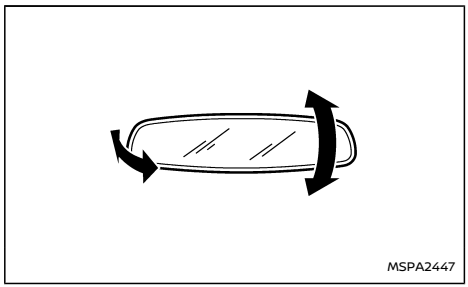
- **Do not release the rear sunshade during operation. This could damage the sunshade or cause injury.**
- **Do not forcefully pull the sunshade. Doing so may elongate the sunshade. This could cause improper operation or could damage the sunshade.**
- **Do not place objects on or near the rear sunshade. 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 Ⓑ.

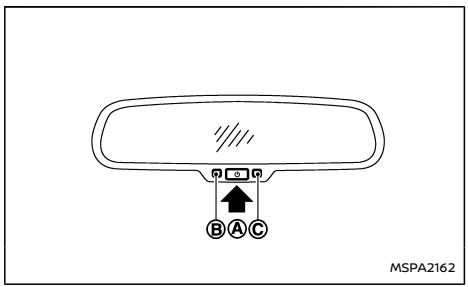
To store the sunshade, remove the sunshade from the hooks and lower it.

INSIDE MIRROR


MSPA2447

Adjust the angle of the inside mirror to the desired position.

Automatic anti-glare type (where fitted)



MSPA2162

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.

When the anti-glare system is turned on, the indicator light Ⓑ will illuminate and excessive glare from the headlights of the vehicle behind you will be reduced.

Push the ⏻ switch Ⓐ to make the inside rearview mirror operate normally. The indicator light will turn off. Push the ⏻ switch again to turn the system on.

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.

Intelligent Rear View Mirror (where fitted)

⚠ WARNING

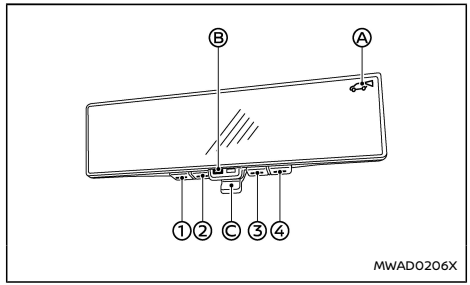
Failure to follow the warnings and instructions for proper use of the Intelligent Rear View Mirror could result in serious injury or death.

- **The Intelligent Rear View Mirror is a convenience feature but it is not a substitute for proper vehicle operation. The system has areas where objects cannot be viewed. Check the blind spot of the Intelligent Rear View Mirror before vehicle operation. The driver is always responsible for safe driving.**
- **Do not disassemble or modify the Intelligent Rear View Mirror, the camera unit or wirings. If you do, it may result in accidents or fire. In case you notice smoke or smell coming from the Intelligent Rear View Mirror, stop using the system immediately. See a NISSAN certified electric vehicle dealer for servicing.**
- **Do not operate the Intelligent Rear View Mirror while driving. Doing so can be a distraction and it could lose control of your vehicle and cause an accident or serious injury.**
- **Do not gaze into the Intelligent Rear View Mirror display during driving. It may cause a distraction and it could lose control of your vehicle and cause an accident or serious injury. Gazing into the display screen during driving also can be a cause of carsick for passengers.**
- **Do not put a cigarette or flames to the Intelligent Rear View Mirror, the camera unit or wirings. It may cause a fire.**
- **Be sure to adjust the Intelligent Rear View Mirror before driving. Switch the system to the conventional rearview mirror mode and be properly seated on the driver's seat. Then adjust the rearview mirror so as to see the rear window properly. Driving without adjusting the rearview mirror may cause difficulty in watching the display at Intelligent Rear View Mirror mode (camera view mode) due to the reflection from the surface of the mirror.**
- **If the indicator light of the mirror turns off at the Intelligent Rear View Mirror mode (camera view mode), immediately switch the system to the conventional rearview mirror mode. If the indicator light does not**

illuminate after switching to the Intelligent Rear View Mirror mode again, the system may malfunction. Have the system checked by a NISSAN certified electric vehicle dealer.

- **If the Intelligent Rear View Mirror malfunctions, immediately switch the system to the conventional rearview mirror mode. Have the system checked by a NISSAN certified electric vehicle dealer.**
- **When strong light (for example, sunlight or high beams from following vehicles) enters the camera, a light beam or a glaring light may appear on the display screen of the Intelligent Rear View Mirror. In that case, switch the system to the conventional rearview mirror mode appropriately.**
- **If dirt, rain or snow accumulates on the exterior glass surface covering the camera, the Intelligent Rear View Mirror may not display objects clearly. Use of the rear window wiper/washer may improve visibility, but if not, switch the Intelligent Rear View Mirror to the conventional rearview mirror mode until a time the glass covering the camera can be cleaned.**

Components:

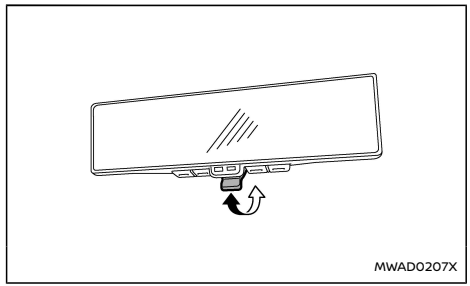


① MENU button
② Second button
③ Third button
④ Fourth button
Ⓐ Indicator
Ⓑ Indicator light
Ⓒ Mode select lever

Intelligent Rear View Mirror provides a clear rearview from a camera located on the rear of the vehicle. Intelligent Rear View Mirror has two modes: conventional rearview mirror mode and Intelligent Rear View Mirror mode (camera view mode). You can switch these two modes by the mode select lever Ⓒ.

When the Intelligent Rear View Mirror mode is selected, the indicator Ⓐ is displayed, and the indicator light Ⓑ illuminates. (If a malfunction occurs in the Intelligent Rear View Mirror, the indicator Ⓐ will turn off or not appear when the Intelligent Rear View Mirror mode is selected.)

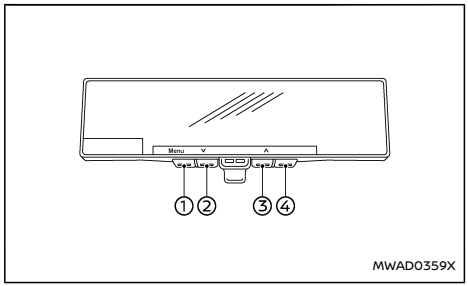
How to change the mode:



The mode can be switched when the power switch is in the ON position.

- Pull the mode select lever to switch to the Intelligent Rear View Mirror mode (camera view mode).
- Push the mode select lever to switch to the conventional rearview mirror mode.

How to make settings of Intelligent Rear View Mirror (MENU button operation):



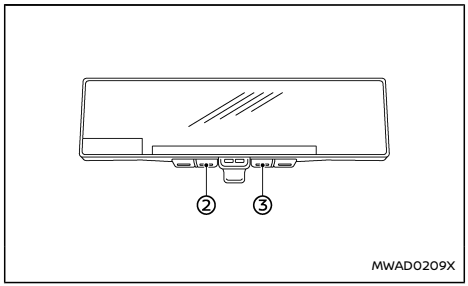
You can choose display settings of the Intelligent Rear View Mirror such as brightness, camera angle and textual indication ON or OFF.

When the Intelligent Rear View Mirror mode (camera view mode) is on, push the MENU button ① to display the setting menu. The following items can be adjusted:

- Brightness
- Down/Up
- Left/Right
- Rotation
- Indication
- Language
- Switch Backlight
- Licence

Push ② or ③ button to select an item and then push the ④ button.

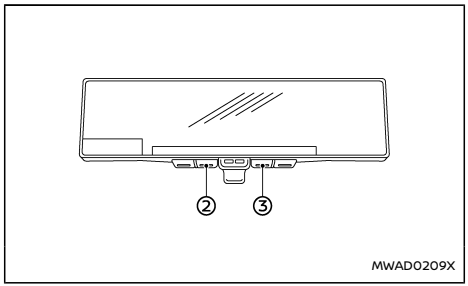
Brightness



The brightness of the display screen can be adjusted.

- Push the button ② to dim the screen.
- Push the button ③ to brighten the screen.

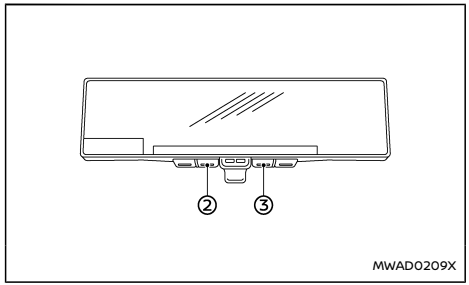
Down/Up



The vertical camera angle of the display screen can be adjusted.

- Push the button ② to down the camera angle.
- Push the button ③ to up the camera angle.

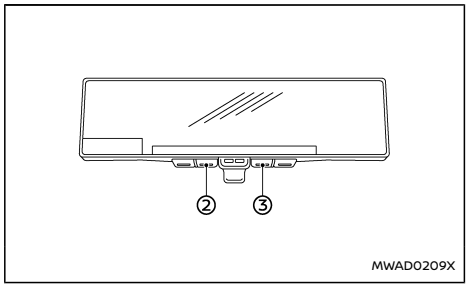
Left/Right



The horizontal camera angle of the display screen can be adjusted.

- Push the button ② to move the camera angle to the left.
- Push the button ③ to move the camera angle to the right.

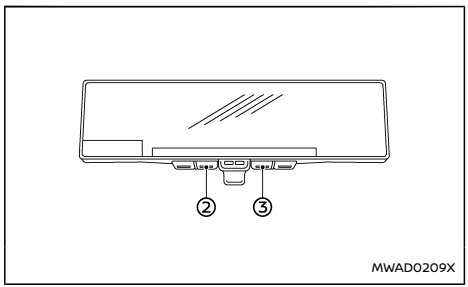
Rotation



The camera angle of the display screen can be rotated.

- Push the button ② to rotate the camera angle to the left.
- Push the button ③ to rotate the camera angle to the right.

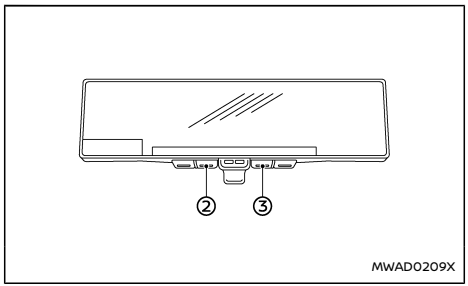
Indication



The textual indication can be turned on or off on the Intelligent Rear View Mirror display screen.

- Push the button ② to disable the textual indication on the display screen.
- Push the button ③ to enable the textual indication on the display screen.

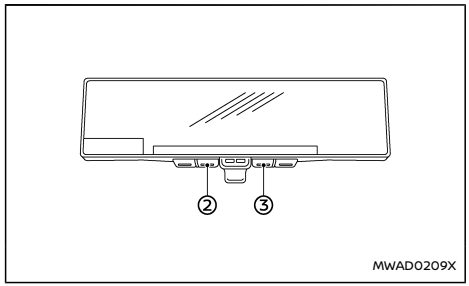
Language



You can select the language of the textual indication on the Intelligent Rear View Mirror display screen.

Select the language by using the ② or ③ button. The language setting will be retained even if the electric vehicle system is restarted.

Switch Backlight



The illumination of the buttons can be turned on or off.

- Push the button ② to turn off the illumination.
- Push the button ③ to turn on the illumination.

Licence

The licence information is displayed.

Intelligent Rear View Mirror system precautions:

NOTE:

- **Long-term use of this system in stopping electric vehicle system may cause battery to be discharged.**
- **Do not attach an antenna of wireless device near the Intelligent Rear View Mirror. Electric wave from wireless device may cause disturbed image in the Intelligent Rear View Mirror.**
- **Do not push the buttons excessively or operating the lever roughly may cause a system failure or the Intelligent Rear View Mirror itself to drop.**

- **Never turn the body of Intelligent Rear View Mirror horizontally by 20° or more, or vertically by 30° or more. It may damage the Intelligent Rear View Mirror.**
- **Do not apply strong shocks to the body of Intelligent Rear View Mirror. It may cause a system failure.**
- **Do not apply heavy load to the camera and camera-cover on the rear of the vehicle. It may cause the camera to be removed or may cause a system failure.**
- **If it is difficult to see the Intelligent Rear View Mirror display screen because of a strong external light, switch the mode to the conventional rearview mirror mode for better use.**
- **When LED headlights are viewed on the Intelligent Rear View Mirror display, the images may flicker. This is normal.**
- **Due to diffused reflection from external environment, images on the screen may flicker. This is not a malfunction.**
- **A quick movement of a thing may not be able to display on the camera view screen. This is not a malfunction.**
- **Turn on the headlights at twilight or in a tunnel, etc. When headlights are turned on, the display and the camera systems automatically switched to the night mode, which can prevent dazzling.**
- **The Intelligent Rear View Mirror mode (camera view mode) display is different from the conventional rearview mirror. Objects in the display may differ from actual distance. Do not solely rely on the Intelligent Rear View Mirror. Always rely on your own operation to avoid accidents.**
- **Immediately after the Intelligent Rear View Mirror is switched from one mode to another, you may have difficulty in focusing on the image in the mirror/display screen with your eyes. Be cautious using the Intelligent Rear View Mirror until your eyes get accustomed to the selected mode. If it is necessary to correct eye focusing, the use of multifocal glasses, etc. is recommended.**
- **It may take time for you to focus on the camera view display depending on your condition.**
- **If the brightness of the camera view display is adjusted to excessive bright level, it may cause an eyestrain in the driving. Adjust the brightness properly.**
- **Use the rear window wiper when it rains. If the camera view image is still unclear when the rear window wiper is in operation, check the deterioration of the rear window wiper blade.**
- **When using the rear window wiper, images on the screen may flicker. This is not a malfunction.**
- **Defog the rear window with defroster when rear window is fogged. Use the conventional rearview mirror mode until the rear window is fully defogged.**
- **The display of the Intelligent Rear View Mirror may become hot. This is not a malfunction.**
- **The colour of an object in the distance or in the dark may be difficult to be recognised. This is not a malfunction.**
- **When the temperature is high, the brightness may be decreased or image may not be displayed on the camera view display. This is not a malfunction.**
- **When the temperature is low, the image may be distorted on the camera view display. This is not a malfunction.**

System maintenance (Intelligent Rear View Mirror):

- Always keep the mirror and camera area of the rear window clean.
- Clean the mirror and the camera lens with a dry soft cloth.
- When cleaning the camera area of the rear window, use a soft cloth dampened with water and a few neutral detergent. And after that, dry it up with dry soft cloth.
- If the image on the Intelligent Rear View Mirror display screen is still unclear even after cleaning the camera area of the rear window, an oil film may be adhering to the rear window glass. Clean the rear window glass with an oil film remover.
- Never use alcohol, benzine, thinner, or any similar material to clean the mirror or camera lens. It will cause a discoloration, deterioration or a system malfunction.
- Do not cover the front of the mirror. It may interfere with brightness adjustment or switching images on the camera view display.

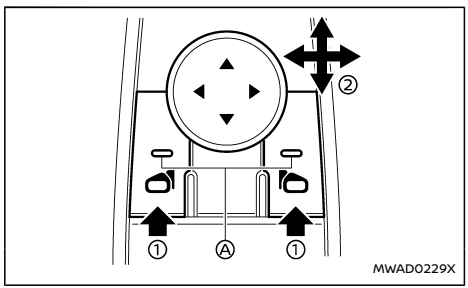
- Do not attach a sticker (including transparent material) on the camera area of the rear window.

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.

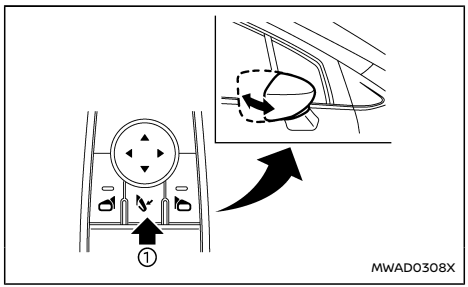
The outside mirror will operate only when the power switch is in the ON position.

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" (P.151).)

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.125).

Reverse tilt-down feature (where fitted)

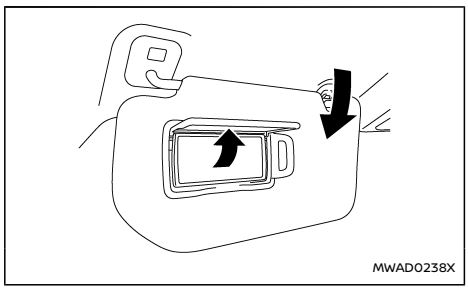
When reversing the vehicle, the right or left outside mirror will turn downward automatically to provide better rear visibility.

1. Place the power switch in the ON position.
2. Move the shift lever 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.

When one of the following conditions has occurred, the outside mirror surface will return to its original position.

- The shift lever is moved out of the R (Reverse) position for a short period of time when the vehicle speed is lower than 8 km/h (5 MPH).
- The vehicle speed exceeds 8 km/h (5 MPH).
- The selected outside mirror is deselected using the outside mirror control switch.
- The power switch is placed in the OFF position.
- The electric vehicle system is stopped.

VANITY MIRROR

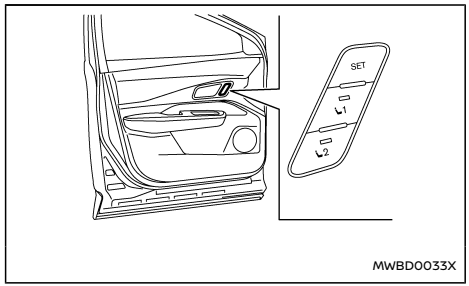


To use the vanity mirror, pull down the sun visor and pull up the cover.

MEMORY SEAT (where fitted)

The memory seat system has the following features:

- Memory storage function
- Entry/exit function



Memory seat switch (driver's side shown; passenger side similar)

MEMORY STORAGE FUNCTION

Two positions for the driver's seat, front passenger's seat (where fitted), steering wheel and outside mirrors can be stored in the memory switch. Follow these procedures to use the memory system.

1. Adjust the driver's seat, front passenger's seat (where fitted), steering wheel and outside mirrors to the desired positions by manually operating each adjusting switch. For additional information, refer to "Seats" (P.56), "Tilt/telescopic steering" (P.198) and "Outside mirrors" (P.205).
2. Push the SET switch and, within 5 seconds, push the memory switch (1 or 2).

3. The indicator light for the pushed memory switch will come on and stay on for approximately 5 seconds.
4. The chime will sound if the memory has been stored.

NOTE:

If a new memory position is stored in the same memory switch, the previous memory position will be overwritten by the new stored position.

Confirming memory storage

Push the SET switch. If a memory position has been stored in the switch (1 or 2) then the indicator light for the respective switch will stay ON for approximately 5 seconds.

Recalling switch memory positions

To recall the manually stored positions, push the memory switch (1 or 2). The driver's seat, front passenger's seat (where fitted), steering wheel and the outside mirrors will move to the positions stored in the memory switch.

The lumbar support (4 way type - where fitted) may not move to the stored position depending on the conditions.

Linking log-in function to a stored memory position

The log-in function can be linked to a stored memory position with the following procedure.

1. Place the power switch in the ON position while carrying the Intelligent Key that was registered to the vehicle with a log-in function.

   NOTE:
   Make sure the single Intelligent Key is inside the vehicle. If multiple keys are inside the vehicle, the vehicle may detect a wrong Intelligent Key.
2. Adjust the position of the driver's seat, steering wheel, and outside mirrors. (See "Seats" (P.56), "Tilt/telescopic steering" (P.198) and "Outside mirrors" (P.205).)
3. Place the power switch in the OFF position.

The next time you log in (selecting the user on the display) after placing the power switch in the ON position while carrying the Intelligent Key, the system will automatically adjust to the memorised driving position. (See the separate NissanConnect Owner's Manual.)

ENTRY/EXIT FUNCTION

This system is designed so that the driver's seat and steering wheel will automatically move when the shift position is in the P (Park) position. This allows the driver to get into and out of the driver's seat more easily.

The driver's seat will slide backward and the steering wheel will move up:

- When the driver's door is opened with the power switch placed in the OFF position.
- When the power switch is changed from ON to OFF with the driver's door open.

The driver's seat and steering wheel will return to the previous position:

- When the power switch is placed in the ON position while the shift position is in the P (Park) position.

The entry/exit function can be cancelled through [Vehicle Settings] in the vehicle information display by performing the following:

- Switch the [Exit Seat Slide] or [Exit Steering Up] from ON to OFF. For additional information, refer to "Vehicle Settings" (P.125).

SYSTEM OPERATION

The memory seat system will not work or will stop operating under the following conditions:

- When the vehicle is moving. (The driver's seat returning function can be operated if the vehicle speed is below 3 km/h (2 MPH).)
- When any of the memory switches are pushed while the memory seat system is operating.
- When the switch for the driver's seat or front passenger's seat (where fitted) is pushed while the memory seat system is operating.
- When the seat, steering wheel and outside mirrors have already been moved to the memorised position.
- When no seat position is stored in the memory switch.
- When the shift lever is moved from P (Park) to any other position.

MEMO

4 Monitor, heater, air conditioner, audio and phone systems

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Apple CarPlay AND Android Auto (where fitted)

⚠ 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.

NISSANCONNECT OWNER'S MANUAL

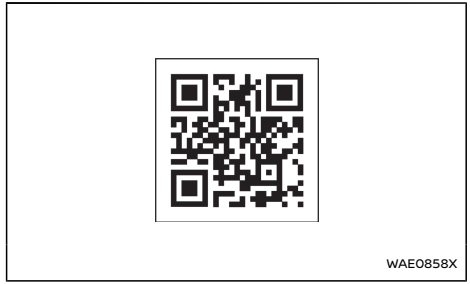
Refer to NissanConnect Owner's Manual that includes the following information.

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

NISSANCONNECT (where fitted)

- Online:
  - Go to: https://uqr.to/15lwo
  - Or scan the QR code



- Printed version: Please contact your Nissan dealer or qualified workshop.

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 engine stopped. Doing so may discharge the vehicle battery. When you use the system, always keep the engine running.

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 starting the engine.

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 neutral detergent 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. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colourless and odourless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

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. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colourless and odourless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

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:

Hereby, Robert Bosch Car Multimedia GmbH declares that the radio equipment type in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

CE

Any change of the radio equipment or usage with other accessories, components or software as specified will make a re-assessment in accordance with compliance to legal approval necessary.

Radiated Power [EIRP]

Bluetooth < 10 mW

WLAN < 100 mW

Hints/Restrictions

Internal Antenna

Internal antenna not accessible by user. Any change by the user will violate the legal approval of this product.

TRADEMARKS

Made for iPhone | iPod

MPBA0032X

Works with Apple CarPlay

M5GD0030X

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TELEMATICS CONTROL UNIT

https://www.oss-valeo.com/nissan/default. html

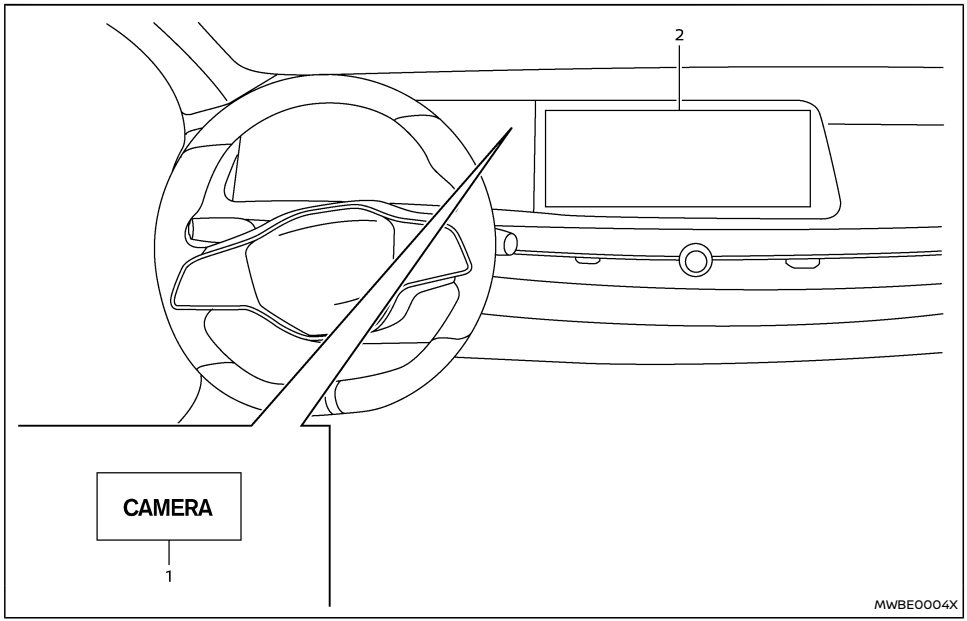
⚠ WARNING

- **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 electric vehicle system is not engaged for extended periods of time to prevent battery discharge.

REAR VIEW MONITOR (where fitted)



1. CAMERA button
2. Touch screen display

⚠ WARNING

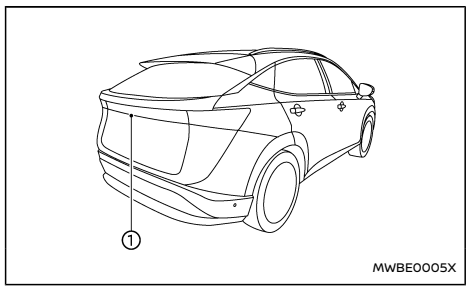
- **Failure to follow the warnings and instructions for proper use of the rear view monitor could result in serious injury or death.**
- **Rear view monitor is a convenience feature and is not a substitute for proper backing. Always turn and look out the windows, and check mirrors to be sure that it is safe to move before operating the vehicle. Always reverse slowly.**
- **The system is designed as an aid to the driver in showing large stationary objects directly behind the vehicle, to help avoid damaging the vehicle.**
- **The distance guide line and the vehicle width line should be used as a reference only when the vehicle is on a level paved surface. The distance viewed on the monitor is for reference only and may be different than the actual distance between the vehicle and displayed objects.**

CAUTION

Do not scratch the camera lens when cleaning dirt or snow from the front of the camera.

The rear view monitor system automatically shows a rear view of the vehicle when the shift lever is placed in the R (Reverse) position.

The radio can still be heard while the rear view monitor is active.



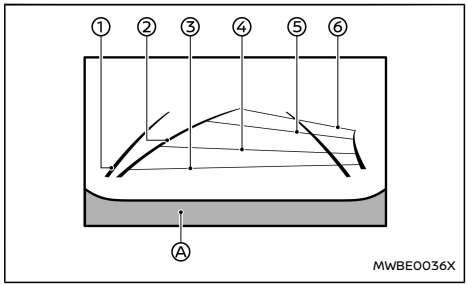
To display the rear view, the rear view monitor system uses a camera ① located just above the

vehicle's number plate.

REAR VIEW MONITOR SYSTEM OPERATION

When the power switch is placed in the ON position, move the shift lever to the R (Reverse) position to operate the rear view monitor.

HOW TO READ THE DISPLAYED LINES



Guiding lines which indicate the vehicle width and distances to objects with reference to the bumper line Ⓐ are displayed on the monitor.

Vehicle width guide lines ①:

Indicate the vehicle width when reversing.

Predictive course lines ②:

Indicate the predictive course when reversing. The predictive course lines will be displayed on the monitor when the shift lever is in the R (Reverse) position and if the steering wheel is turned.

The vehicle width guide lines and the width of the predictive course lines are wider than the actual width and course.

Distance guide lines:

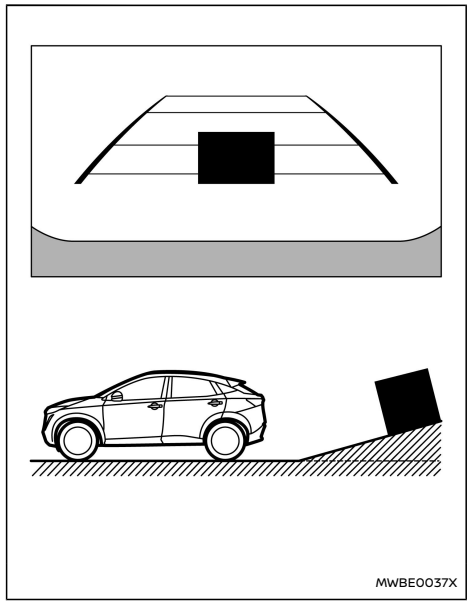
Indicate distances from the vehicle body.

- 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)

DIFFERENCE BETWEEN PREDICTIVE AND ACTUAL DISTANCES

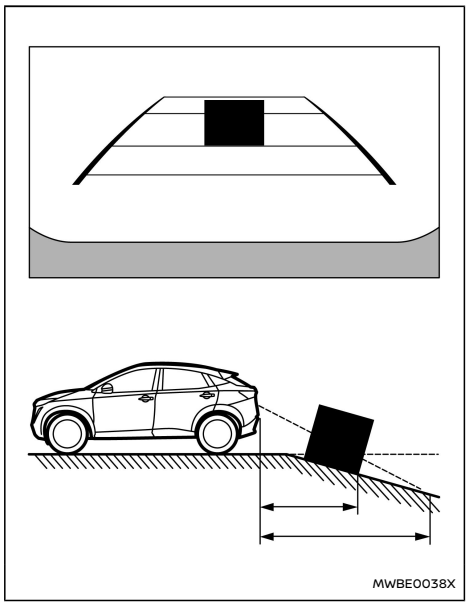
The displayed guide lines and their locations on the ground are for approximate reference only. Objects on uphill or downhill surfaces or projecting objects will be actually located at distances different from those displayed in the monitor relative to the guide lines (refer to illustrations). When in 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



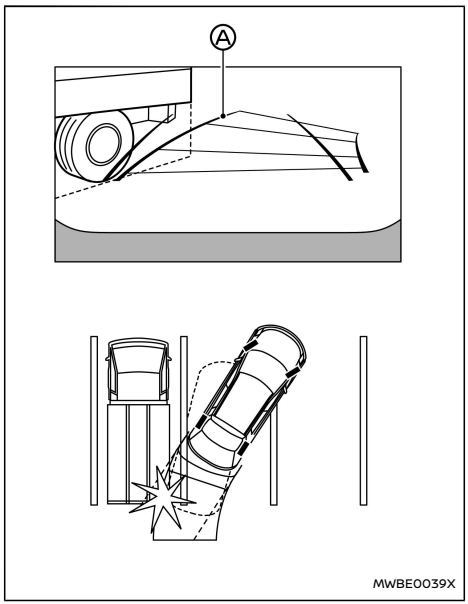
When reversing the vehicle up a hill, the distance guide lines and the vehicle width guide lines are shown closer than the actual distance. Note that any object on the hill is farther than it appears on the monitor.

Reversing on a steep downhill



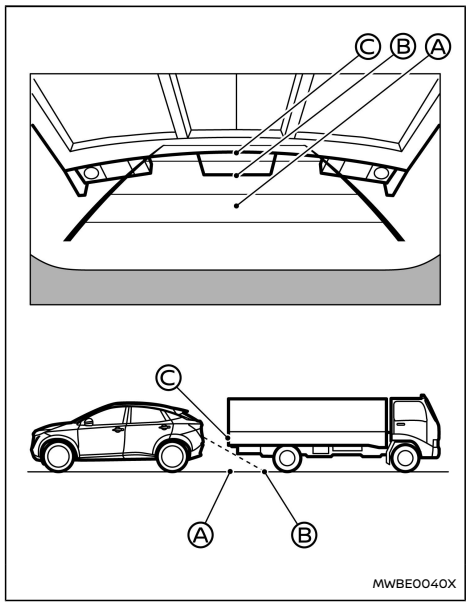
When reversing the vehicle down a hill, the distance guide lines and the vehicle width guide lines are shown farther than the actual distance. Note that any object on the hill is closer than it appears on the monitor.

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

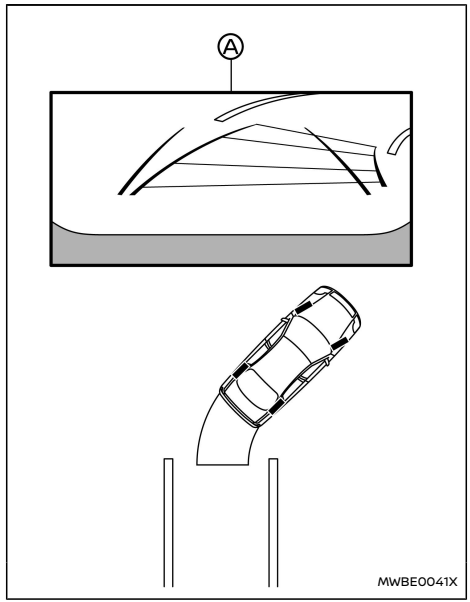


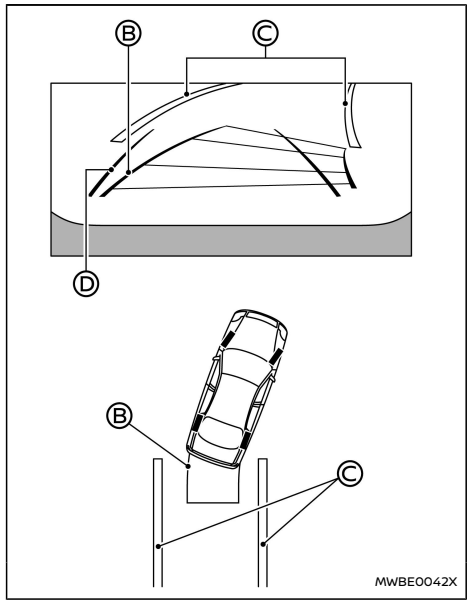
The position Ⓒ is shown farther than the position Ⓑ in the display. However, the position Ⓒ is actually at the same distance as the position Ⓐ. The vehicle may hit the object when reversing to the position Ⓐ if the object projects over the actual reversing course.

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.**

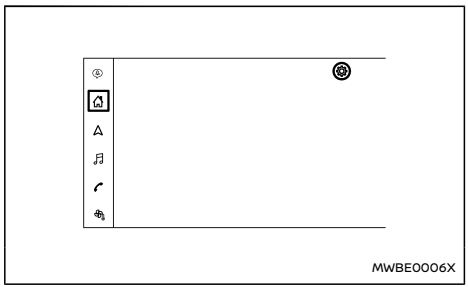




1. Visually check that the parking space is safe before parking your vehicle.
2. The rear view of the vehicle is displayed on the screen Ⓐ when the shift lever is moved to the R (Reverse) position.
3. Slowly reverse the vehicle adjusting the steering wheel so that the predictive course lines Ⓑ enter 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 to the P (Park) position and apply the parking brake.

ADJUSTING THE SCREEN



Example

1. Touch "⌂" key on the touch screen display.
2. Touch "⚙" key.
3. Touch the [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 any of the display settings of the rear view monitor while the vehicle is moving. Make sure the parking brake is firmly applied.

HOW TO TURN ON AND OFF PREDICTIVE COURSE LINES

Pushing the CAMERA button while the shift lever is in the R (Reverse) position can turn on and off the predictive course lines.

REAR VIEW MONITOR SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for rear view monitor. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

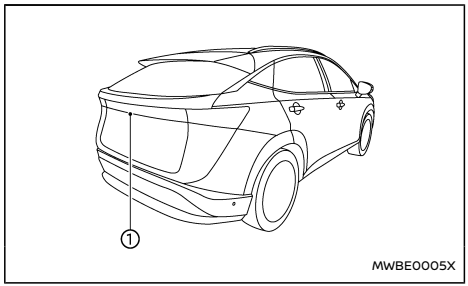
- **The system cannot completely eliminate blind spots and may not show every object.**
- **Underneath the bumper and the corner areas of the bumper cannot be viewed on the rear view monitor because of its monitoring range limitation. The system will not show small objects below the bumper, and may not show objects close to the bumper or on the ground.**
- **Objects viewed in the rear view monitor differ from actual distance because a wide-angle lens is used.**
- **Objects in the rear view monitor will appear visually opposite compared to when viewed in the rearview and outside mirrors.**
- **Use the displayed lines as a reference. The lines are highly affected by the number of occupants, vehicle position, road conditions and road grade.**
- **Make sure that the liftgate is securely closed when reversing.**
- **Do not put anything on the rear view camera. The rear view camera is installed above the number plate.**
- **When washing the vehicle with high-pressure water, be sure not to spray it around the camera. Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.**
- **Do not strike the camera. It is a precision instrument. Otherwise, it may malfunction or cause damage resulting in a fire or an electric shock.**

The following are operating limitations and do not represent a system malfunction:

- When the temperature is extremely high or low, the screen may not clearly display objects.
- When strong light directly shines on the camera, objects may not be displayed clearly.
- Vertical lines may be seen in objects on the screen. This is due to strong reflected light from the bumper.
- The screen may flicker under fluorescent light.
- The colours of objects on the rear view monitor may differ somewhat from the actual colour of objects.
- Objects on the monitor may not be clear in a dark environment.

- There may be a delay when switching between views.
- If dirt, rain or snow accumulates on the camera, the rear view monitor may not display objects clearly. Clean the camera.
- Do not use wax on the camera lens. Wipe off any wax with a clean cloth dampened with a diluted mild cleaning agent, then wipe with a dry cloth.

SYSTEM MAINTENANCE

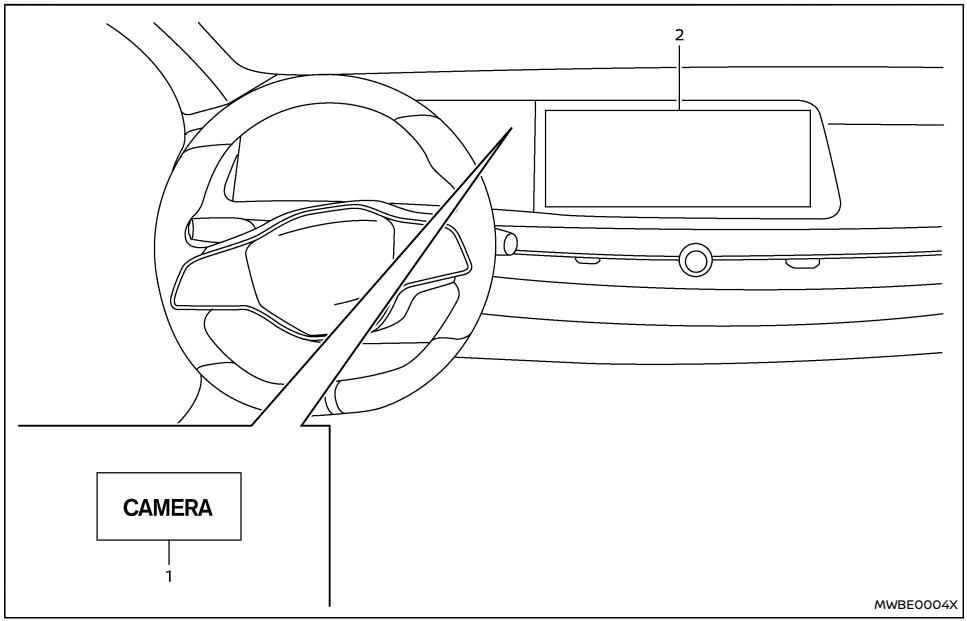


CAUTION

- **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 the camera ①, rear view monitor may not display objects clearly. Clean the camera by wiping it with a cloth dampened with a diluted mild cleaning agent and then wiping it with a dry cloth.

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

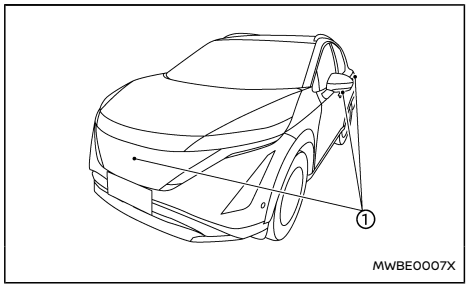
Do not scratch the lens when cleaning dirt or snow from the front of the camera.

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



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 move the shift lever to the R (Reverse) position to operate the Intelligent Around View Monitor.

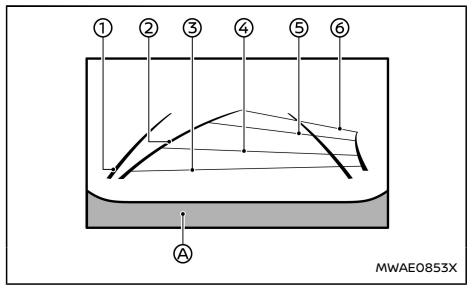
The screen displayed on the Intelligent Around View Monitor will automatically return to the previous screen 3 minutes after the CAMERA button has been pushed with the shift lever in a position other than the R (Reverse) position.

Available views

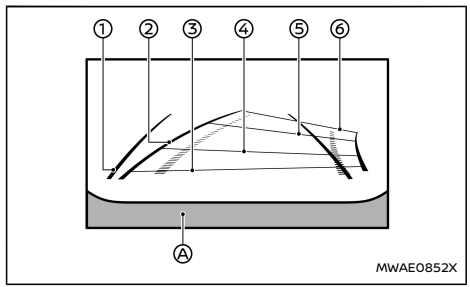
⚠ WARNING

- **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.

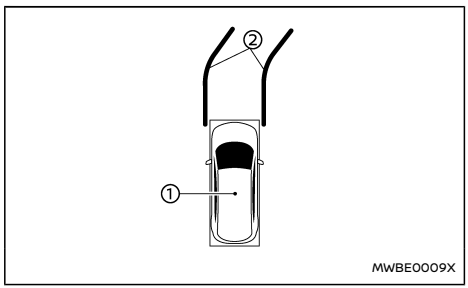
Distance guide lines:

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 10 km/h (6 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.

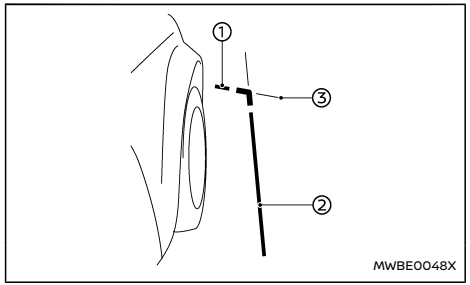
The vehicle icon ① shows the position of the vehicle. Note that the distance between objects viewed in the bird's-eye view differs from the actual distance.

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:



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.

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.

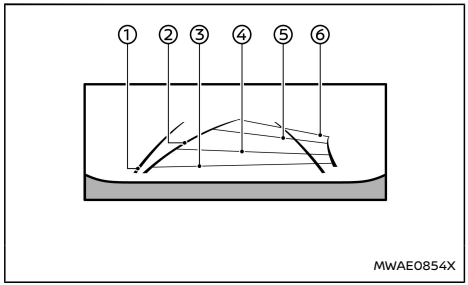
The side-of-vehicle line ② shows the vehicle width including the outside mirrors.

The extensions ③ of both the front ① and side ② lines are shown with a blue line.

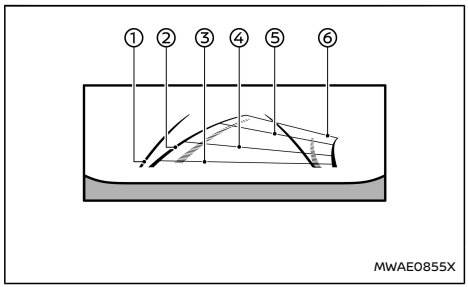
CAUTION

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.

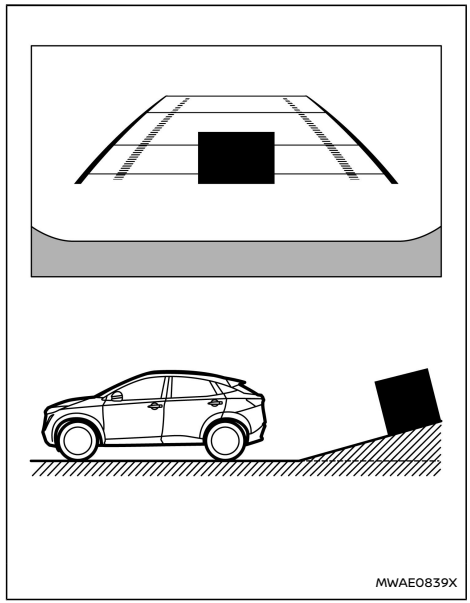
- Red line ③: approx. 0.5 m (1.5 ft)
- Blue line ④: approx. 1 m (3 ft)
- Blue line ⑤: approx. 2 m (7 ft)
- Blue line ⑥: approx. 3 m (10 ft)

The front-wide view will not be displayed when the vehicle speed is above 10 km/h (6 MPH).

DIFFERENCE BETWEEN PREDICTIVE AND ACTUAL DISTANCES

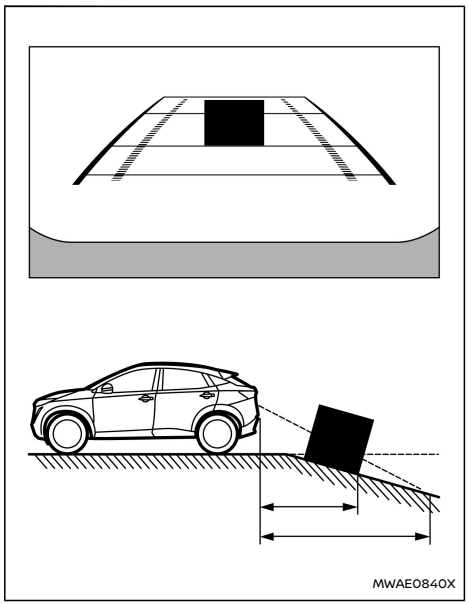
The displayed guide lines and their locations on the ground are for approximate reference only. Objects on uphill or downhill surfaces or projecting objects will be actually located at distances different from those displayed in the monitor relative to the guide lines (refer to illustrations). When in 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



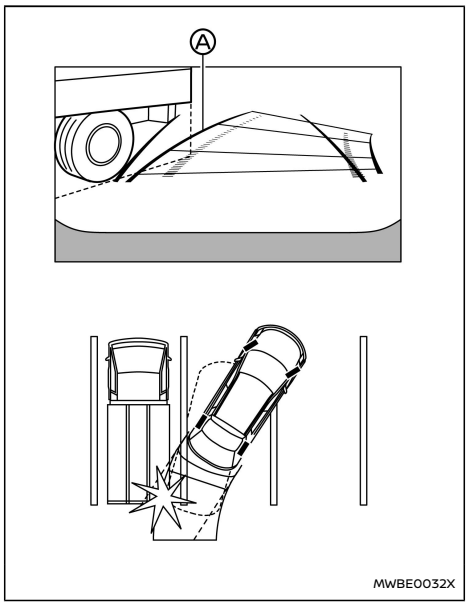
When reversing the vehicle up a hill, the distance guide lines and the vehicle width guide lines are shown closer than the actual distance. Note that any object on the hill is farther than it appears on the monitor.

Reversing on a steep downhill



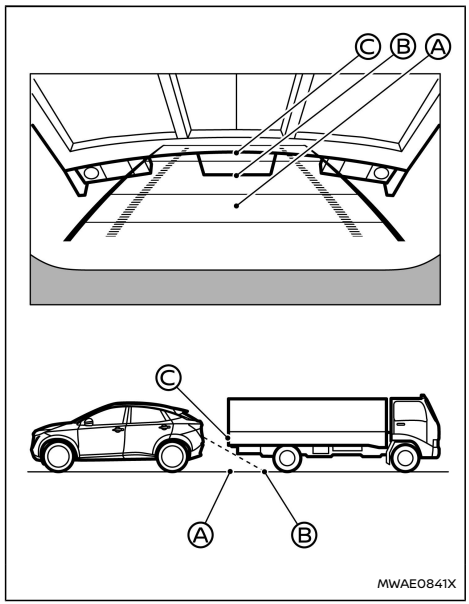
When reversing the vehicle down a hill, the distance guide lines and the vehicle width guide lines are shown farther than the actual distance. Note that any object on the hill is closer than it appears on the monitor.

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

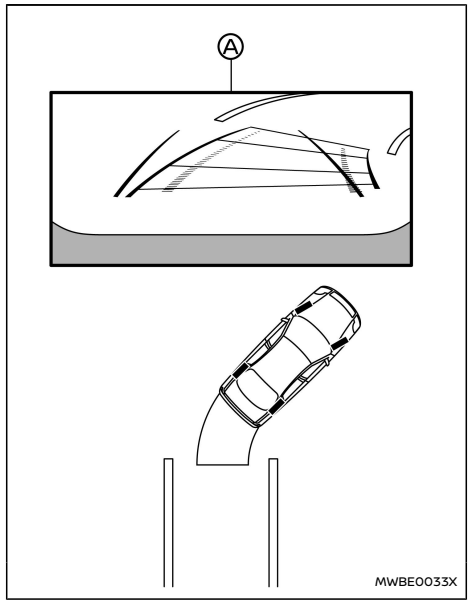


The position Ⓒ is shown farther than the position Ⓑ in the display. However, the position Ⓒ is actually at the same distance as the position Ⓐ. The vehicle may hit the object when reversing to the position Ⓐ if the object projects over the actual moving course.

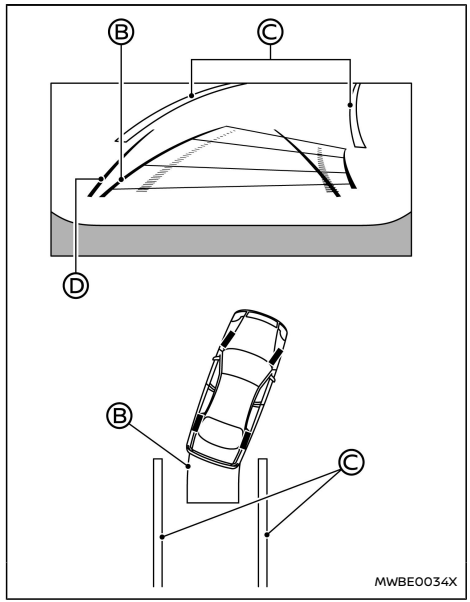
HOW TO PARK WITH PREDICTIVE COURSE LINES

⚠ 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 lever is moved 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 move the shift lever 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 shift lever. Push the CAMERA button to switch between the available views.

If the shift lever 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

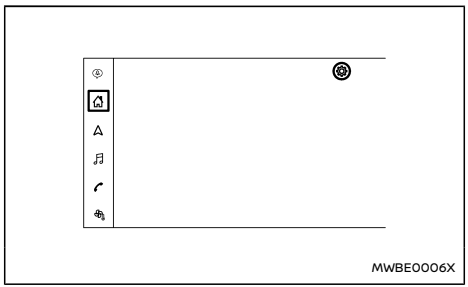
If the shift lever is out of the R (Reverse) position, the available views are:

- Front view/bird's-eye view split screen
- Front view/front-side view split screen
- Front-wide view

The display will switch from the Intelligent Around View Monitor screen when:

- The shift lever is in the D (Drive) position and the vehicle speed increases above approximately 10 km/h (6 MPH).
- A different screen is selected.

ADJUSTING THE SCREEN



Example

1. Touch "⌂" key on the touch screen display.
2. Touch "⚙" key.
3. Touch the [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:

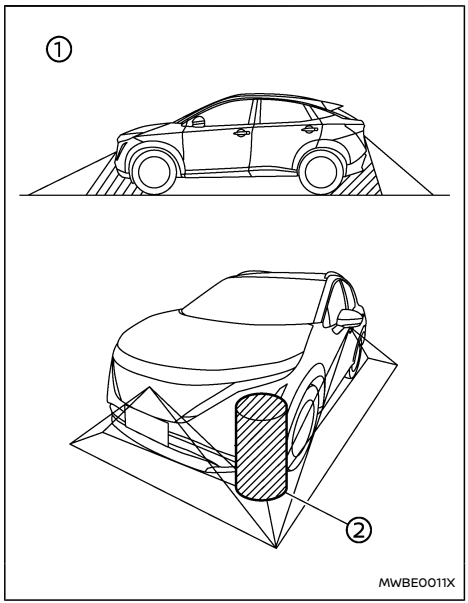
Do not adjust the display settings of the Intelligent Around View Monitor while the vehicle is moving. Make sure the parking brake is firmly applied.

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 liftgate 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.**

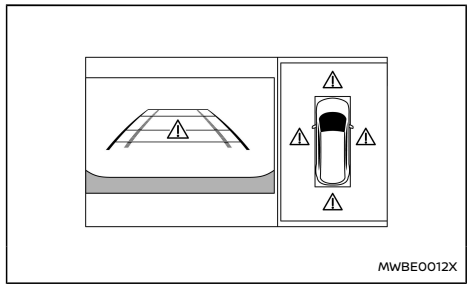


There are some areas where the system will not show objects and the system does not warn of moving objects. When in the front or the rear view display, an object below the bumper or on the ground may not be viewed ①. When in the bird's-eye view, a tall object near the seam ② of the camera viewing areas will not appear in the monitor.

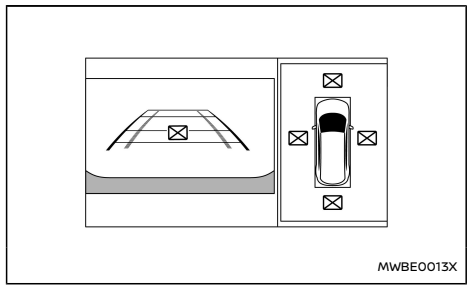
The following are operating limitations and do not represent a system malfunction:

- 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.



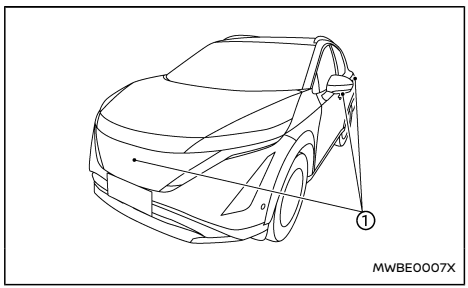
When the " ⊠ " icon is displayed on the screen,

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

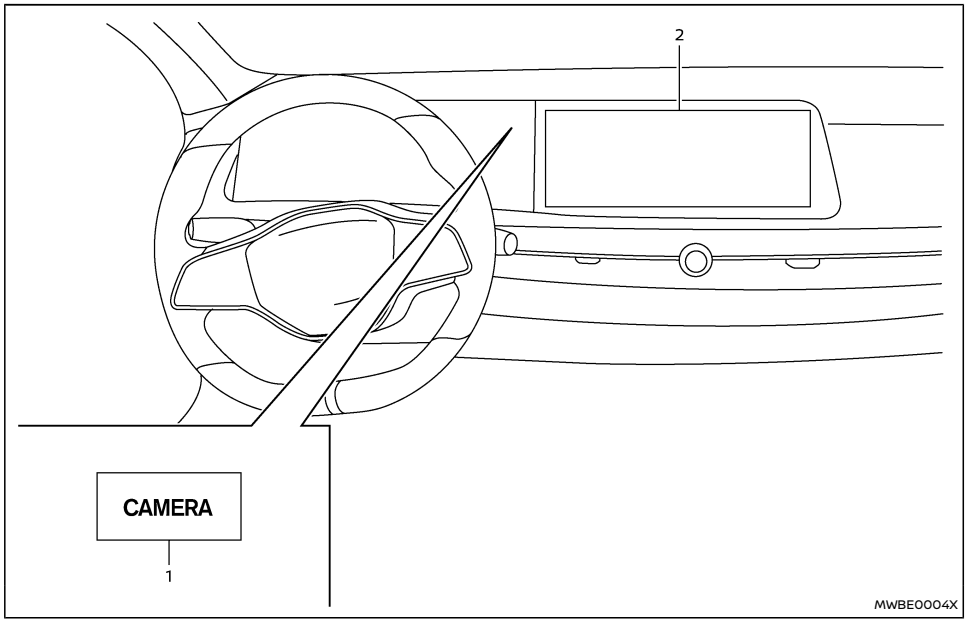


CAUTION

- **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
2. Touch screen display

⚠ 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 shift lever 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 8km/h (5 MPH).

The MOD system operates in the following conditions when the camera view is displayed:

- When the shift lever 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.

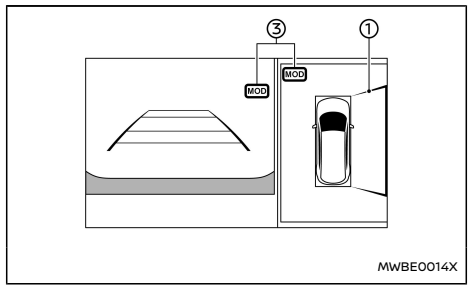
- When the shift lever is in the D (Drive) position, and the vehicle speed is below approximately 8km/h (5MPH), the MOD system detects moving objects in the front view or front-wide view.
- When the shift lever is in the R (Reverse) position and the vehicle speed is below approximately 8km/h (5MPH), the MOD system detects moving objects in the rear view or rear-wide view. The MOD system will not operate if the liftgate 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.

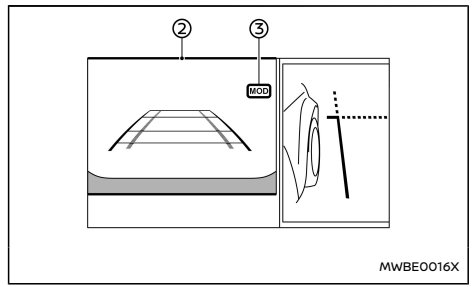
When the MOD system detects a moving object near the vehicle, the yellow frame will be displayed on the view where the object is detected and a chime will sound once. While the MOD system continues to detect moving objects, the yellow frame continues to be displayed.

NOTE:

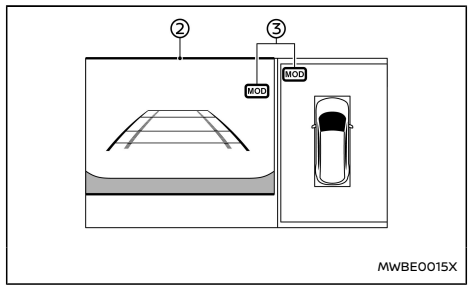
While the RCTA chime is beeping, the MOD system does not chime.



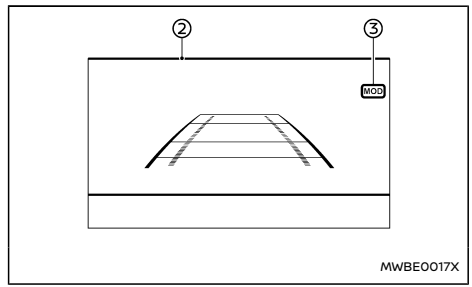
Front and bird's-eye views



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 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.122).)

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.

- **Do not use the MOD system when towing a trailer. The system may not function properly.**
- **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.**

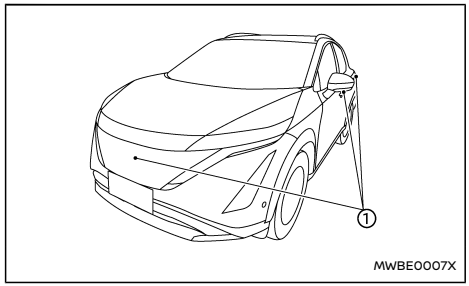
NOTE:

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.

SYSTEM MAINTENANCE



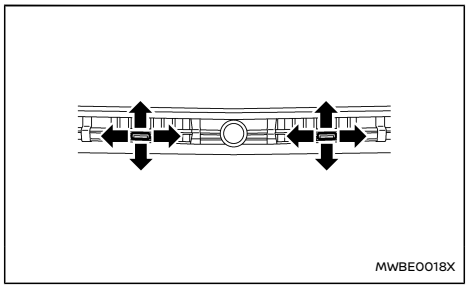
CAUTION

- **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

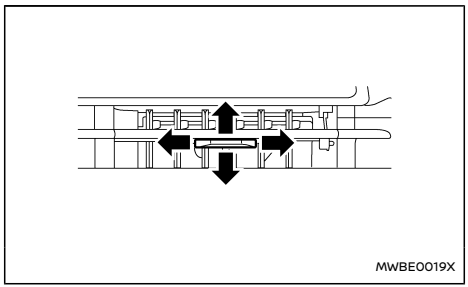
then wiping with a dry cloth.

CENTRE VENTS



Open or close the vents, and adjust the air flow direction of the vents by moving the centre knob as illustrated.

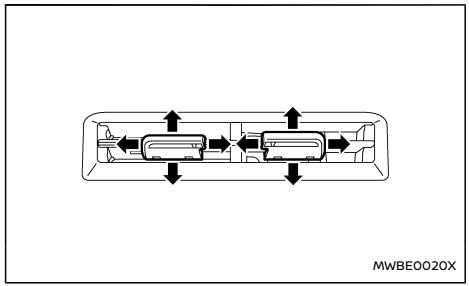
SIDE VENTS



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



Open or close the vents, and adjust the air flow direction of the vents by moving the centre knob as illustrated.

⚠ 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 Ctrl. Timer)	X	X	-	-

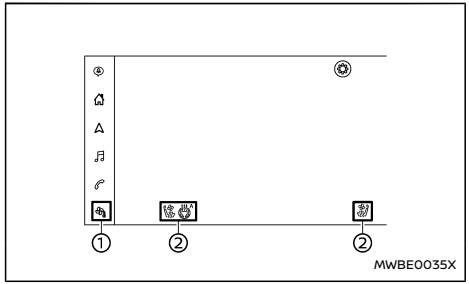
X: Available

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

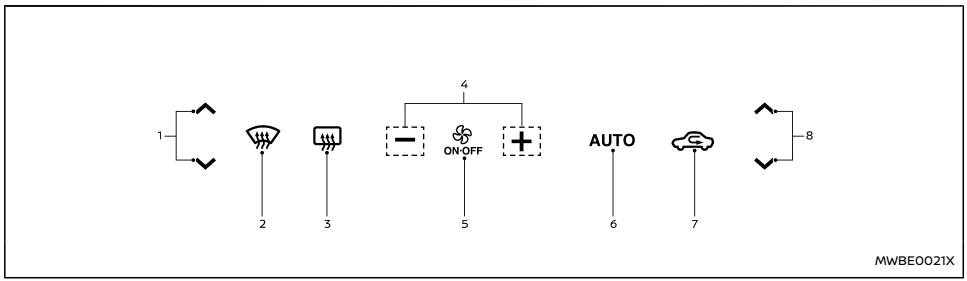
You can use either buttons on the instrument panel or keys on the climate control screen to control the automatic air conditioner.



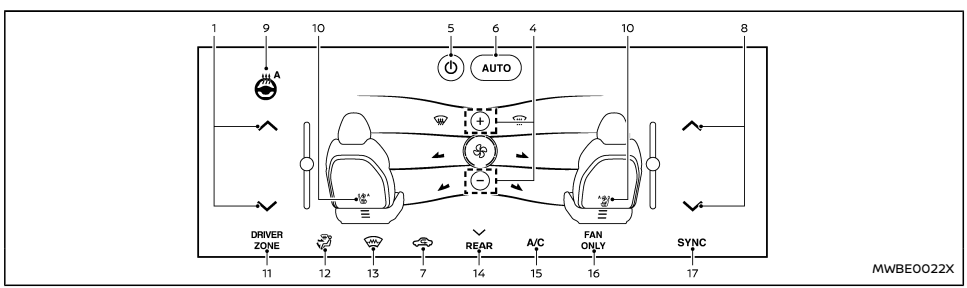
Example

To display the climate control screen, touch the "" key ① on the touch screen display.

You can also control some air conditioner settings by touching "" or " " key ② while displaying other than climate control screen.



Buttons on the instrument panel (Left-Hand Drive (LHD) models)



Climate control screen (Left-Hand Drive (LHD) models)

1. Temperature control button/temperature control key (driver's side)
2. (front defroster) button
3. (rear window defogger) button
   (See "Rear window and outside mirror defroster switch" (P.151).)
4. Fan speed control buttons/fan speed control keys
5. <ON·OFF> button/key
6. <AUTO> (automatic) button/[AUTO] (automatic) key
7. Air intake control button/key
8. Temperature control button/temperature control key (passenger's side)
9. Heated steering wheel key (where fitted)
   (See "Heated steering wheel (where fitted)" (P.158).)
10. Front seat control key (where fitted)
    (See "Climate controlled seats (where fitted)" (P.62) or "Heated seats (where fitted)" (P.60).)
11. [DRIVER ZONE] key
12. Air flow control key
13. Heated windscreen key (where fitted)
    (See "Heated windscreen (where fitted)" (P.150).)
14. [REAR] key (where fitted)
    (See "Heated seats (where fitted)" (P.60).)
15. [A/C] (air conditioner) key
16. [FAN ONLY] key
17. [SYNC] (synchronize) key

The button and the screen layout in the illustration are for the Left-Hand Drive (LHD) model. For the Right-Hand Drive (RHD) model, the button and the screen layout will be opposite.

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.239).)

1. Use the AUTO button or 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.
   - You can individually set temperatures for the driver's side and front passenger's side. To set both temperatures at the same time, touch the [SYNC] key. (The colour of the key will turn orange.)

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 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 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 key to turn on the heater and air conditioner in automatic mode. (The colour of the button and key will turn orange.)
2. Touch the [A/C] key. (The colour of the key will turn white.)
3. Use the temperature control button or key on the corresponding side to set the desired temperature.
   - You can individually set temperatures for the driver's side and front passenger's side when the colour of the [SYNC] key is white.
   - 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 button. (The colour of the button will turn 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, use the fan speed control buttons or keys to set the fan speed to maximum.
   - As soon as possible after the windscreen is clean, use the AUTO button or key to return to the automatic mode.
   - When the 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:

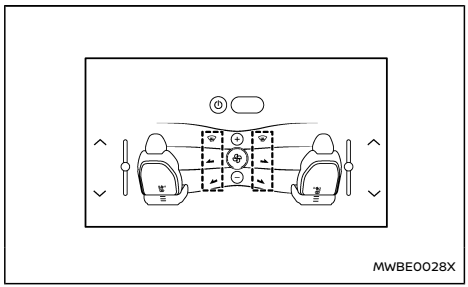
The air intake control mode will change each time the air intake control button or key is pushed or touched.

- 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.

Air flow control:

Touching the air flow control key manually controls air flow and selects the air outlet:

- — Air flows mainly from centre and side vents.
- — Air flows mainly from centre and side vents and foot outlets.
- — Air flows mainly from the foot outlet and partly from the defroster.
- — Air flows mainly from the defroster and foot outlets.



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 amount of wind can change by swiping the display.

When adjusting the temperature, the colour of display showing the amount of wind will change. These colours are not indicate the temperature of wind but the set temperature.

Ventilation:

Touch the [FAN ONLY] key to turn on the ventilation mode. (The colour of the key will turn orange.)

NOTE:

- **The ventilation mode requires a lower power consumption, so driving range will increase.**
- **In ventilation mode, temperature is not indicated on the climate control screen.**

DRIVER ZONE mode:

Touch the [DRIVER ZONE] key to turn on the DRIVER ZONE mode. (The colour of the key will turn orange.) The air flows mainly from the driver's side in the DRIVER ZONE mode.

NOTE:

The DRIVER ZONE mode requires a lower power consumption, so driving range will increase.

Synchronize temperature settings:

Touch the [SYNC] key to turn on the SYNC mode. (The colour of the key will turn orange.)

When the SYNC mode is active, the driver's side temperature control button or key will control the driver's and front passenger's side temperatures.

To exit the SYNC mode, change the passenger's side temperature on the front passenger's side. (The colour of the [SYNC] key will turn white.)

To turn the system off

Push or touch the <ON·OFF> button/key. The colour of the button and key will turn white.

Automatic air recirculation control with the exhaust gas/outside odour detection sensor

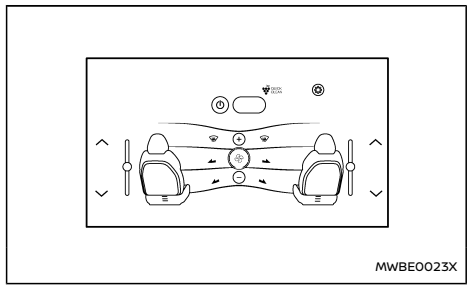
This system is equipped with an exhaust gas detection/outside odour sensor. When the automatic air circulation control is activated, the sensor detects odours outside the vehicle such as pulp or chemicals, and exhaust gas such as petrol or diesel. When such odours or gases are detected, the display and the system automatically change from the fresh air mode to the recirculation mode.

NOTE:

The automatic air recirculation mode can be activated under the following conditions.

- **The air flow control is not in the windscreen defrosting/defogging mode.**
- **The outside temperature is approximately 0 °C (32 °F) or above.**

Plasmacluster ion control (where fitted)



Example

Plasmacluster icon:

Indicates the Plasmacluster ion emission status.

This system generates highly concentrated Plasmacluster ions into the air blown from the vents to reduce odour absorbed into the interior trim and to suppress airborne bacteria.

The Plasmacluster icon on the climate control screen indicates the status of the Plasmacluster ion emission from the system and changes with the amount of the air flow.

Humidity control

This system controls dryness by detecting humidity inside a car and temperature of window surface with sensors in the multi-sensing front camera unit. The system start defogging automatically when it detects windows fog up.

The humidity control system may not activate when an outside temperature drops to near 0° C (32°F).

When the colour of the [A/C] key is white, defogging feature may not activate. Take the one of the following actions to activate defogging feature.

- Turn on the automatic mode using the <AUTO> button or key.
- Push the button.
- Touch the [A/C] key.

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:

- **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.158).

  While the setting is [OFF], the function will not be activated when using the automatic air conditioner.

- **Driver's 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 5 (high).

  See "Climate controlled seats (where fitted)" (P.62) and "Heated seats (where fitted)" (P.60).

  While the setting is [OFF], the function will not be activated when using the automatic air conditioner.

- **Passenger's 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 5 (high).

  See "Climate controlled seats (where fitted)" (P.62) and "Heated seats (where fitted)" (P.60).

  While the setting is [OFF], the function will not be activated when using the automatic air conditioner.

ADJUSTING BUTTON SENSITIVITY

The sensitivity of the buttons on the instrument panel can be changed.

1. Start the electric vehicle system.
2. Push and hold the AUTO button for approximately 10 seconds within 15 seconds after the electric vehicle system starts. The air intake control, AUTO, , or button will blink in orange.

   The number of buttons blinking show the setting of sensitivity.

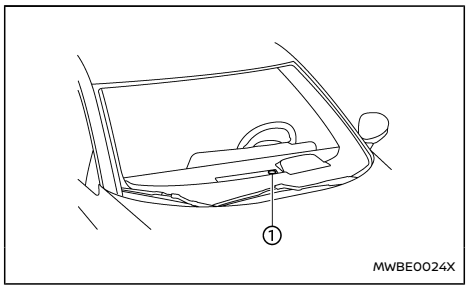
   - Four buttons are blinking: high (easy to react)
   - One button is blinking: low (hard to react)
3. Push the driver's side temperature control button to adjust the sensitivity.
4. The sensitivity will be set 10 seconds after stopping using the buttons.

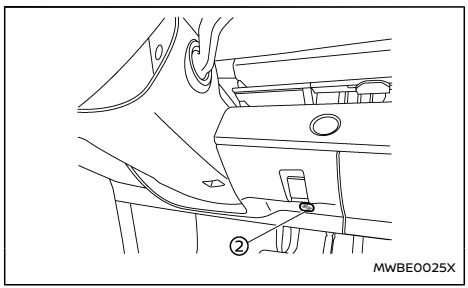
OPERATING TIPS

- 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 turns orange.

- When the fan speed control button or key, or air flow control keys are used while the AUTO mode is turned on, the corresponding function will change to manual operation mode. At this time, functions other than the operated function will keep the automatic mode.
- 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.
- If the charger is connected to the vehicle when the READY to drive indicator light is illuminated and the air conditioner or heater is on, the power switch automatically changes to the ON position. The heater and air conditioner system automatically turns off the heater or air conditioner and switches to the ventilation mode. Place the power switch in the OFF position to begin charging. Turn on the desired heater and air conditioner function.
- For normal charge, the heater and air conditioner system is operative when charging operation is complete. For quick charge, however, the heater and air conditioner system stops operating when charging operation stops.
- The Climate Ctrl. Timer or the remote climate control may fog up windows depending on the set temperature or outside temperature.
- When the Climate Ctrl. Timer or the remote climate control is operating, the seat heater and the steering wheel heater may turn on automatically.

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 CTRL. TIMER

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 Ctrl. Timer operates the heater and air conditioner system using power from the charger or the Li-ion battery.

The Climate Ctrl. Timer function allows three timer settings.

Once the Climate Ctrl. Timer is set, it will complete air conditioning by the time that is set. It is not necessary to set the Climate Ctrl. Timer everyday.

The Climate Ctrl. Timer function will not operate when the remaining capacity of the Li-ion battery is low.

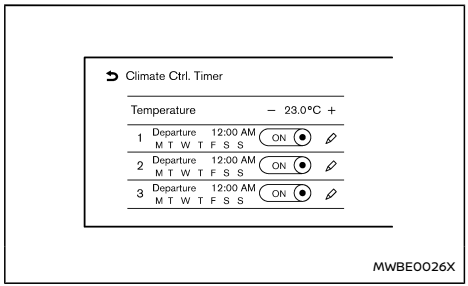
⚠ WARNING

Even if the Climate Ctrl. Timer 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. 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. Also on cold days, temperature in a vehicle could become low

enough to cause sever or possible fatal injuries to people or animals.

How to set Climate Ctrl. Timer

The Climate Ctrl. Timer settings can be changed with the touch screen display.



1. Touch the "⌂" key on the touch screen display.
2. Touch the [All Apps] key and then touch [electric vehicle] key.
3. Touch the [Climate Ctrl. Timer] key. Climate Ctrl. Timer screen is displayed.

   Available setting items:

   - Temperature

     Touch the "-"/"+" key to adjust the temperature.

   - Timer settings

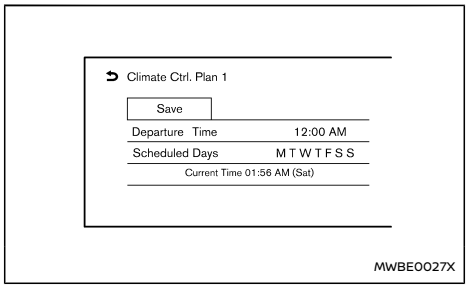
     Touch to turn on/off the timer. The indicator light will turn on when the timer setting is turned on.

   - "✎" key

     Touch to display the Climate Ctrl. Timer setting screen. Set preferred time and day of the week for Climate Ctrl. Timer activation.

4. After completing the settings, place the power switch in the OFF position, and then connect the charge connector to the vehicle.

Climate Ctrl. Timer setting screen:



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 Ctrl. Timer.
3. Touch [Save] key to save the setting.

NOTE:

The Climate Ctrl. Timer operates repeatedly once it is turned on.

Operating tips for using Climate Ctrl. Timer:

- The Climate Ctrl. Timer will only start when the power switch is in the OFF or Auto ACC position.
- To turn off the Climate Ctrl. Timer function, touch [ON] key until the indicator light turns off. The start and stop time settings will not be deleted even if the Climate Ctrl. Timer function is turned off.
- If the Climate Ctrl. Timer starts operating while the vehicle is being charged, the time required for charging will be longer.
- Operating the Climate Ctrl. Timer in an environment where the temperature is low may decrease the rate of battery charge.
- Timer setting can also be changed while Climate Ctrl. Timer 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 Ctrl. Timer 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 Ctrl. Timer 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 Ctrl. Timer. Be sure that the power switch of the charger is turned on when setting the Climate Ctrl. Timer.
- 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 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.467).)

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.

SHARK FIN ANTENNA

The shark fin antenna is located on the rear part of the vehicle roof.

CAUTION

- **A build up of ice on the shark fin 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 shark fin antenna. That may cause broken shark fin antenna and roof panel dent.**
- **When using a high pressure car wash, keep the high pressure nozzle away from the shark fin 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 shark fin antenna.**

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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 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 tyre pressure telltale when one or more of your tyres is significantly under-inflated. Accordingly, when the low tyre pressure telltale 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 tyre pressure telltale.

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 telltale. When the system detects a malfunction, the telltale 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 telltale 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.138).)

For additional information, see "Low tyre pressure warning light" (P.115) and "Tyre Pressure Monitoring System (TPMS)" (P.423).

⚠ 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.423).)**
- **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 (0.14 ± 0.01 kg-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.

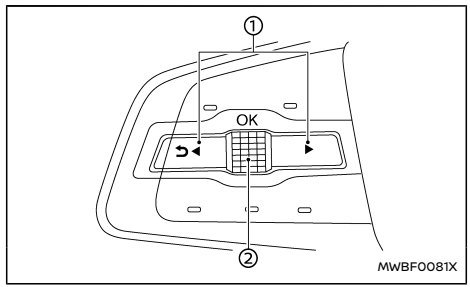
TPMS resetting

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 on the shift lever 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.



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.115).

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.66) 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.**

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 AIR PRESSURE LOSS

Rapid air pressure loss or a "blow-out" can occur if the tyre is punctured or is damaged due to hitting a kerb or pothole. Rapid air pressure loss can also be caused by driving on under-inflated tyres.

Rapid air pressure loss can affect the handling and stability of the vehicle, especially at highway speeds.

Help prevent rapid air pressure loss by maintaining the correct air pressure and visually inspect the tyres for wear and damage. See "Wheels and tyres" (P.454) 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 personal injury.

- **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.424) of this Owner's Manual.

DRINKING 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.

⚠ WARNING

Do not operate the push-button power switch while driving the vehicle except in an emergency. (The electric vehicle 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 electric vehicle 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

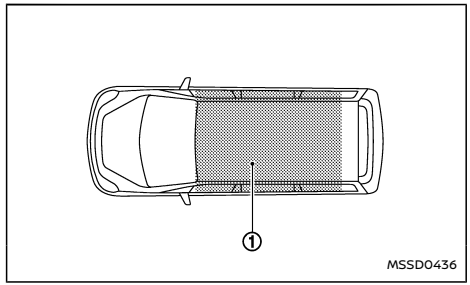
The Intelligent Key system can be used to operate the power switch without taking the key out from your pocket or bag. The operating environment and/or conditions may affect the Intelligent Key system operation.

Some indicators and warnings for operation are displayed on the vehicle information display. See "Vehicle information display" (P.120).

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.427).**

OPERATING RANGE FOR ELECTRIC VEHICLE SYSTEM START FUNCTION



The Intelligent Key can only be used for starting the electric vehicle system when the Intelligent Key is within the specified operating range ①.

When the Intelligent Key battery is almost discharged or strong radio waves 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 electric vehicle system.

- The cargo room area is not included in the operating range but the Intelligent Key may function.

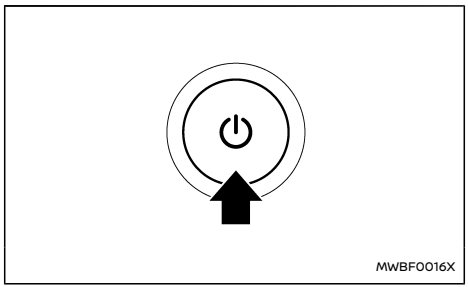
- If the Intelligent Key is placed on the instrument panel, inside the glove box, multi centre storage or door pocket, the Intelligent Key may not function.
- If the Intelligent Key is placed near the door or window outside the vehicle, the Intelligent Key may function.

If the battery of the Intelligent Key is discharged, see "Intelligent Key battery discharge" (P.253).

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 electric vehicle system is not running. This can discharge the battery.**
- **Use electrical accessories with the electric vehicle system running to avoid discharging the vehicle battery. If you must use accessories while the electric vehicle 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 park button on the shift lever to place the vehicle in 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.

READY (Normal operating position)

This position turns on the electric vehicle system, electrical accessories and the vehicle can be driven.

OFF

The electric vehicle 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 electric vehicle 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 approximately 1 minute has passed since the electric vehicle 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.

CAUTION

To prevent the 12V battery from discharging, use the electrical components (navigation system, power socket, etc.) with the electric vehicle system started.

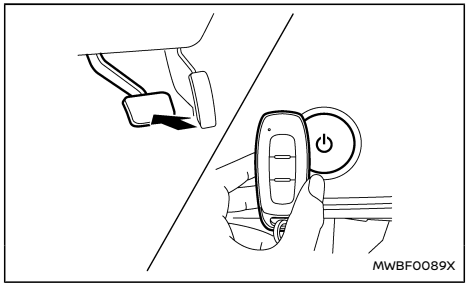
EMERGENCY ELECTRIC VEHICLE SYSTEM SHUT OFF

To shut off the electric vehicle 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 electric vehicle 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 Electric Vehicle (EV) 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.451).)**

BEFORE STARTING THE ELECTRIC VEHICLE SYSTEM

⚠ 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.

STARTING THE ELECTRIC VEHICLE (EV) SYSTEM

1. Confirm the parking brake is applied.
2. Confirm that the vehicle is in the P (Park) position.

   The Electric Vehicle (EV) 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 electric vehicle 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 electric vehicle system, push the park button on the shift lever, and push the power switch to the OFF position.

DRIVING THE VEHICLE

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 before moving the shift lever to the D (Drive) position.

   The shift lever of this vehicle is 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 cannot be moved out of the P (Park) position and into any of the other positions if the power switch is placed in the OFF position.
2. Keep the footbrake pedal depressed, and move the shift lever to the D (Drive) position.
3. 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**

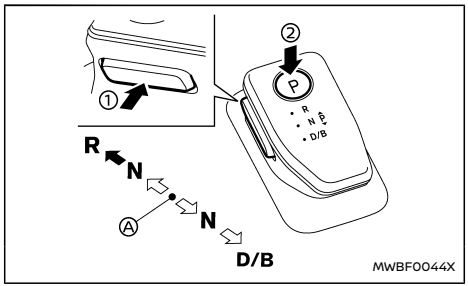
accident.

- **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

- **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.**
- **Do not hang items on the shift lever. This may cause an accident due to a sudden start.**
- **Do not shift to the B position abruptly on slippery roads. This may cause a loss of control.**

Shifting



Left-Hand Drive (LHD) models

Ⓐ Home position (central position)

To move the shift lever,

➡: Push the button ① to shift.

⇨: Shift without pushing the button ①.

When in the D (Drive) position, move the shift lever to the D (Drive) position again to select the B position.

Push the park button ② to shift to the P (Park) position.

NOTE:

- **Confirm that the vehicle is in the desired shift position by checking the shift indicator located on the shift lever or on the vehicle information display.**
- **To place the vehicle into the D (Drive) position from the B position, move the shift lever into the D (Drive) position.**
- **An operating noise may be heard when operating the shift lever. This is not a malfunction.**

After placing the power switch in the READY to drive position, fully depress the brake pedal, and move the shift lever to any of the preferred shift positions.

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), B 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

- **The shift lever is always in the centre position when released. When the power switch is placed in the READY to drive position, the driver needs to confirm that the vehicle is in the P (Park) position. The indicator P on the shift lever is illuminated and the P is displayed on the vehicle information display. If the vehicle is in the D (Drive) or R (Reverse) position when the power switch is placed in the READY to**

drive position, this may cause a sudden start which could result in an accident.

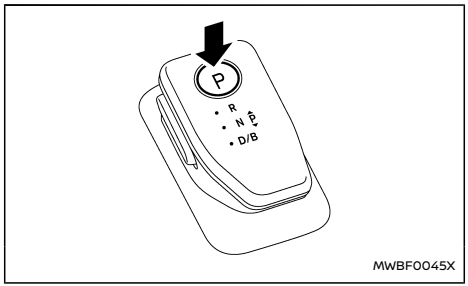
- **On a hilly road, do not allow the vehicle to roll backwards while in the D (Drive) position or B position, or allow the vehicle to roll forward while in the R (Reverse) position. This may cause an accident.**

CAUTION

- **Do not slide the shift lever while pushing the park button. This may also damage the electric motor.**
- **When switching to the preferred position by operating the shift lever, check that the shift lever returns to the central position by releasing your hand from the lever. Holding the shift lever in a mid-way position may also damage the shift control system.**
- **Do not operate the shift lever while the accelerator pedal is depressed, except when switching to the B position. This may cause a sudden start which could result in an accident.**
- **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:**
  - **— Moving the shift lever to the R (Reverse) position when driving forward**
  - **— Moving the shift lever to the D (Drive) or B position when reversing**

If these operations are attempted, a chime sounds and the vehicle shifts to the N (Neutral) position.

P (Park):



CAUTION

To prevent reduction gear damage, use the P (Park) position only when the vehicle is completely stopped.

Use this position when the vehicle is parked or when placing the vehicle in the READY to drive position. Make sure that the vehicle is completely stopped. **In order to switch to the P (Park) position, push the park button as shown in the illustration once the vehicle has come to a complete stop. If the park button is pushed while the vehicle is in motion, a chime sounds and the current shift position is maintained.** After switching to the P (Park) position, apply the parking brake. When parking on a hill, apply the parking brake first while keeping the footbrake pedal depressed then push the park button and place the vehicle in the P (Park) position. See "Parking brake" (P.260).

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.**
- **If the park button is pushed while sliding the shift lever, the shift position will not switch to the P (Park) position. When pushing the park button, be sure to first allow the shift lever to return to its centre position.**

R (Reverse):

Use this position to reverse. Make sure that the vehicle is completely stopped before selecting the R (Reverse) position. **If the vehicle is placed in the D (Drive) position while reversing, 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 reversing, the chime will sound and the**

vehicle will switch into the N (Neutral) position.

B:

Use the B position for downhill driving. When the B position is used, more regenerative brake is applied when the accelerator pedal is released in comparison to the D (Drive) position. Less deceleration is provided by the regenerative brake system when the Li-ion battery is fully charged or the battery temperature is low.

Neutral hold mode function

This function enables you to turn off the electric vehicle 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 electronic 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 lever 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 electric vehicle system.
2. Release the electronic parking brake.
3. Depress and hold the brake pedal.
4. Push the park button on the shift lever.
5. Slide the shift lever to the N (Neutral) position, and hold it for 0.5 second until N appears in the vehicle information display.
6. Slide the shift lever to the N (Neutral) position again, and hold it for 0.5 second, until a message [Park Gear & Park Brake not Applied] appears in the vehicle information display. (See "73. Neutral Hold Mode activated indicator" (P.137).)
7. Place the power switch in the OFF position. The electric vehicle 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:

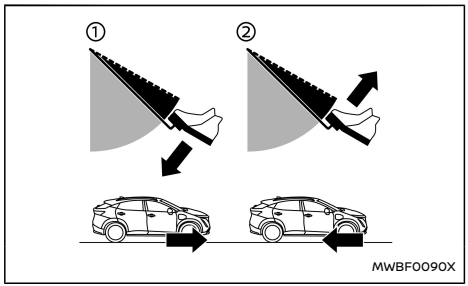
- **It is necessary to perform the steps 4 through 6 within approximately 5 seconds to prevent incorrect operation.**
- **When the power switch is placed in the OFF position while the shift lever is in the N (Neutral) position, a message will appear in the vehicle information display. (See "72. Neutral Hold Mode guidance indicator" (P.137).)**
- **If the Neutral hold mode is unavailable, a message will appear in the vehicle information display. (See "74. Neutral Hold Mode was not activated indicator" (P.137).) To activate the Neutral hold mode, wait for a while without shifting operation and then perform the operations again.**

e-Pedal STEP SYSTEM

⚠ WARNING

Never rely solely on the e-Pedal Step 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.

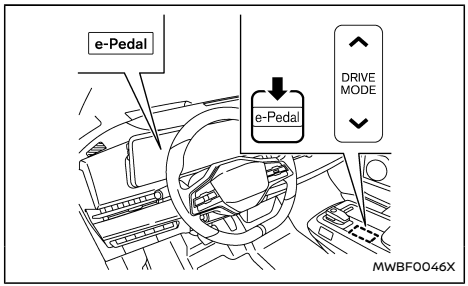
The e-Pedal Step system enables the driver to slow the vehicle by operating only the accelerator pedal. This system helps to keep the driver from moving his/her foot between the accelerator pedal and the brake pedal.



① Acceleration
② Deceleration (instead of brake pedal)

e-Pedal STEP SYSTEM OPERATION

When the e-Pedal Step 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 Step 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 Step system.)

When the e-Pedal Step 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 Step system (ON or OFF) in the vehicle information display before driving.

When the e-Pedal Step system is activated, the e-Pedal indicator illuminates in blue and displays [e-Pedal]. When the e-Pedal Step system is turned off, the indicator changes to grey and displays e-Pedal OFF.

System Activation

To activate the e-Pedal Step system, place the power switch in the READY to drive or ON position and push the <e-Pedal> switch.

System deactivation

To deactivate the e-Pedal Step system, with the power switch in the READY to drive or ON position, push the <e-Pedal> switch.

NOTE:

- **When the e-Pedal Step system is switched to ON or OFF, the degree of vehicle deceleration will change.**
- **The e-Pedal Step system is automatically turned OFF when the electric vehicle system is restarted.**
- **To keep the e-Pedal Step system activated even if the electric vehicle system is restarted, turn the [Mode Memory] ON in the [Driver Assistance] menu of the vehicle information display. (See "Settings" (P.122).)**
- **The [Mode Memory] setting is not reset by using the [Factory Reset] setting.**

e-Pedal STEP DRIVING FEATURES

The e-Pedal Step 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 stop lights illuminate when the deceleration level reaches an ordinary braking operation.

If the deceleration is not sufficient when the accelerator pedal is returned or released, depress the brake pedal. The brake pedal can be operated to reduce the vehicle speed in the same way as normal even when the e-Pedal Step 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 Step system is off.

Other driving tips for the e-Pedal STEP SYSTEM:

- For smooth deceleration when the e-Pedal Step system is activated, it is recommended to adjust the accelerator pedal while driving with your foot on it (depressing or returning, but not releasing).
- Shifting the shift position from D (Drive) to B or from B to D will not affect the e-Pedal Step system feature.
- The e-Pedal Step system will not function under the following conditions:
  - When the vehicle is placed in the P (Park) or N (Neutral) position.
  - When the cruise control system (where fitted), Intelligent Cruise Control (ICC) (where fitted), ProPILOT (where fitted) or Intelligent Emergency Braking are operated.
- Brake pedal may move depending on deceleration and you may feel a noise when e-Pedal Step is active. This is a normal system operation.

e-Pedal STEP SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the e-Pedal Step 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 Step system is not sufficient, depress the brake pedal.**
- **Under the following conditions the e-Pedal Step system may not decelerate the vehicle sufficiently. Depress the brake pedal whenever necessary.**
  - **When excessively heavy baggage is loaded in the vehicle.**
  - **When driving on steep downhill roads.**
  - **When driving on icy roads.**
- **Turn the e-Pedal Step system OFF when the vehicle is towed.**

CAUTION

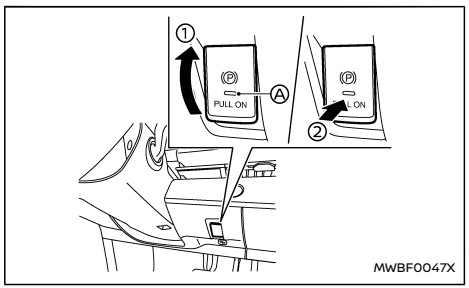
- **The characteristics of deceleration changes according to the vehicle speed. At very low speeds, the vehicle "creeps", similar to the e-Pedal Step system is deactivated.**
- **Be careful not to operate the e-Pedal switch mistakenly or unintentionally.**

e-Pedal STEP SYSTEM MALFUNCTION

If the e-Pedal Step system malfunctions, [e-Pedal system failure! Press brake pedal to slow or stop] warning message appears on the vehicle information display. When the warning message appears, the e-Pedal Step system will be turned off automatically. Have the system checked as soon as possible by a NISSAN certified electric vehicle dealer.

⚠ WARNING

- **Never drive the vehicle with the parking brake applied. The brake will overheat and fail to operate and will lead to an accident.**
- **Never release the 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 lever in place of the parking brake. When parking, be sure the 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 electronic parking brake can be applied or released automatically or by operating the parking brake switch.

AUTOMATIC OPERATION

The electronic parking brake will apply automatically under any of the following conditions while the brake force is maintained by the automatic brake hold function:

- When the power switch is placed in the OFF position.
- When the shift position is placed in the P (Park) position.
- When the driver's door is opened.
- When the driver's seat belt is unfastened.

The electronic parking brake is automatically released as soon as the vehicle starts while the accelerator pedal is depressed under the following conditions.

- While the electric vehicle system is running.
- When the shift position is in the D (Drive) or R (Reverse) position.
- When the driver's door is closed.

The electronic parking brake is automatically released within 5 seconds after the shift position is placed in the D (Drive) or R (Reverse) position even if the driver's door is opened. Be sure to close the door before starting the vehicle.

⚠ WARNING

- **When the automatic brake hold function is activated, the electronic parking brake will not be automatically applied when the electric vehicle system is stopped without using the power switch (for example, by electric vehicle system stalling).**

  Without the vehicle stationary, the electronic parking brake will not be automatically applied even if the electric vehicle system is turned off with the power switch.
- **Before leaving the vehicle, place the shift position in the P (Park) position and check that the electronic parking brake warning light is illuminated to confirm that the electronic parking brake is applied. The electronic 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 electronic 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:

- **To keep the electronic parking brake released after the electric vehicle system is turned off, place the power switch in the OFF position, depress the brake pedal and push down the parking brake switch before opening the driver's door.**
- **If a malfunction occurs in the electronic 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 electronic parking brake will automatically be applied and the brake force of the automatic brake hold will be released.**
  - **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 electronic 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 electronic parking brake system warning light is OFF before starting the vehicle.**

MANUAL OPERATION

To apply: When the vehicle is stopped, pull the parking brake switch ② up. (The electronic parking brake will apply even if the power switch is placed in the OFF position.) The indicator light Ⓐ on the switch and the electronic 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 ①. The indicator light Ⓐ and the electronic parking brake warning light (red) will turn off.

Before driving, check that the electronic parking brake warning light (red) turns off. For additional information, see "Warning lights, indicator lights and audible reminders" (P.110).

NOTE:

- **While the electronic 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 electronic parking brake is frequently applied and released in a short period of time, the electronic parking brake system warning light may blink and the electronic parking brake may not operate in order to prevent the electronic parking brake system from overheating. If this occurs, operate the parking brake switch again after waiting approximately 1 minute.**
- **If the electronic parking brake must be applied while driving in an emergency, pull up and hold the parking brake switch. When you release the parking brake switch, the electronic parking brake will be released.**
- **While pulling up the parking brake switch during driving, the electronic parking brake is applied and a chime sounds. The electronic parking brake warning light (red) and the indicator light on the parking brake switch illuminate. This does not indicate a malfunction. The electronic parking brake warning light (red) and the indicator light on the parking brake switch will turn off when the electronic parking brake is released.**
- **When pulling the 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 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 parking brake switch as soon as the electric vehicle system is delivering enough torque to the wheels.

AUTOMATIC BRAKE HOLD

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 can be displayed. (See "Warning lights, indicator lights and audible reminders" (P.110).)

⚠ 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 the automatic brake hold function when using a drive-thru car wash or towing your vehicle.**
- **Make sure the vehicle is in the P (Park) position and apply the electronic parking brake when parking your vehicle, riding on or off 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 the slip indicator light, electronic parking brake warning light, brake system warning light, or master warning light illuminates and the chassis control system fault warning message appears.**

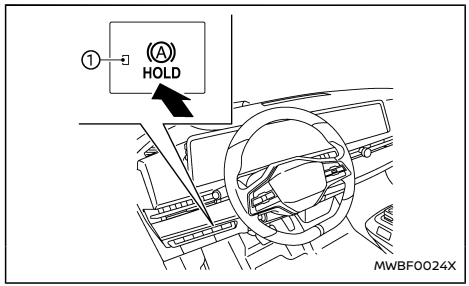
NOTE:

- **To maintain the braking force to keep the vehicle to a standstill, a noise may be heard. This is not a malfunction.**
- **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 illuminates.

2. When the automatic brake hold function goes into standby, the automatic brake hold indicator light (white) illuminates.

To use the automatic brake hold function, the following conditions need to be met.

- The driver's seat belt is fastened.
- The electronic parking brake is released.
- The vehicle is not in the P (Park) position.
- The vehicle is not parked 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 brake 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 brake force is applied. When the automatic brake hold function is deactivated, the brake 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 braking pedal to stop the vehicle, and the indicator light (green) illuminates. The brake force is automatically applied without your foot depressed on the brake pedal. While the brake 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 brake force is maintained. The brake force will automatically be released to restart the vehicle. The automatic brake hold indicator light (white) illuminates and the automatic brake hold returns to standby.

Parking

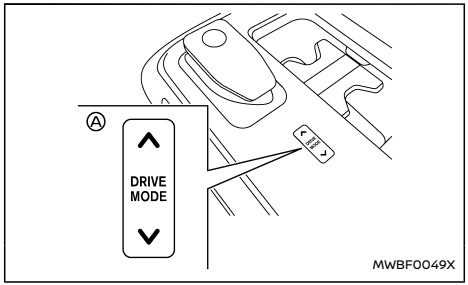
When the vehicle is in the P (Park) position with the brake force maintained by the automatic brake hold function, the electronic parking brake will automatically be applied and the brake force of the automatic brake hold will be released. The automatic brake hold indicator light turns off. When the electronic parking brake is applied with the brake force maintained by the automatic brake hold function, the brake force of the automatic brake hold will be released. The automatic brake hold indicator light turns off.

NOTE:

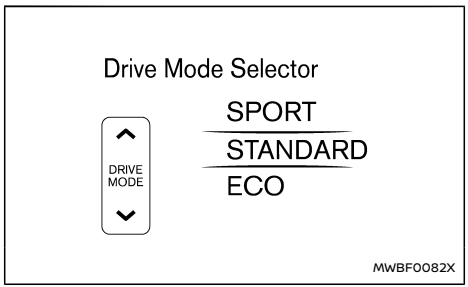
- **When the vehicle stops in a slope, depress the brake pedal firmly until the automatic brake hold indicator light (green) illuminates.**
- **Under the following conditions, the electronic parking brake will automatically be applied and the brake force of the automatic brake hold will be released (the 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 electronic 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 brake force is not automatically applied, depress the brake pedal firmly until the automatic brake hold indicator light (green) illuminates.**



Drive Mode Selector



Vehicle information display

Multiple driving modes can be selected by using the Drive Mode Selector (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 pressing <OK> on the steering wheel switch.

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 STANDARD mode will be selected first each time the power switch is placed in the ON position.

⚠ WARNING

Do not stare at the Drive Mode Selector or the display while driving so that full attention may be given to vehicle operation.

STANDARD MODE

This is the standard mode that is most suitable for normal driving.

ECO MODE

Improves energy efficiency and cruising range. Coasting is available at this mode.

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.

When the accelerator pedal is depressed within the range of economy drive, the ECO indicator illuminates in green. When the accelerator pedal is depressed above the range of economy drive, the ECO indicator turns off.

The ECO indicator will not illuminate in the following cases:

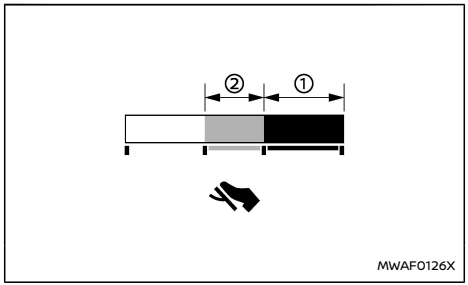
- When the shift lever is in the R (Reverse) position.
- When the vehicle speed is below 3.2 km/h (2 MPH) or over 144 km/h (90 MPH).
- When the cruise control (where fitted) or the Intelligent Cruise Control (ICC) system (where fitted) is operated.

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.124).

When the setting is ON, the ECO Drive Report display shows [ECO Advice Adjust Tyre Pressures]. You can switch the display to the Tyre Pressures 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 "4. ECO Pedal Guide" (P.139).) Use the ECO Pedal Guide function for improving energy economy.

When the ECO Pedal Guide bar is in the green 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 green 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 green 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 lever is in the P (Park), N (Neutral) or R (Reverse) position.

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.

DRIVER ASSISTANCE SYSTEMS

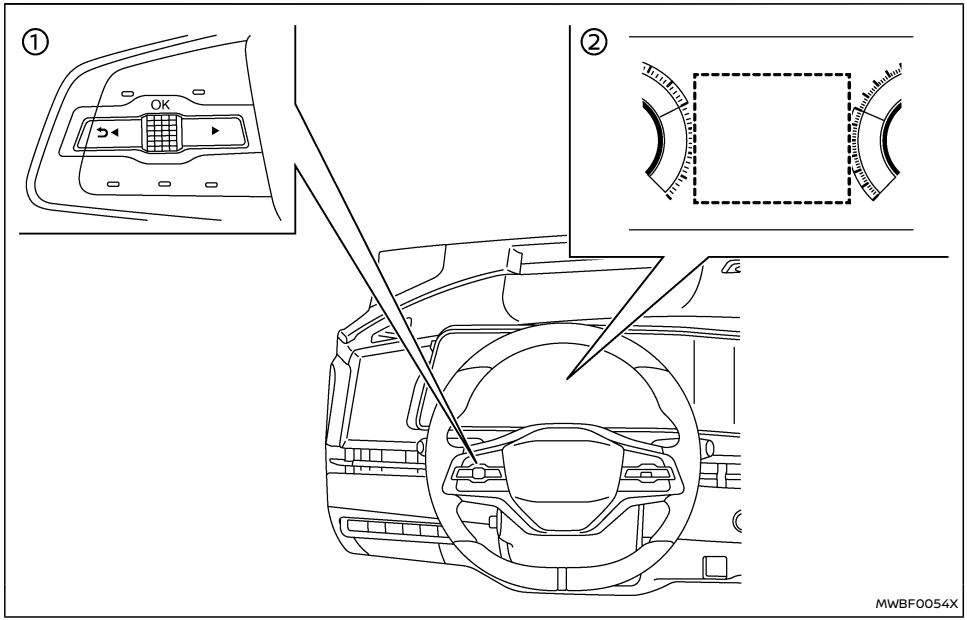
Each Driver Assistance system is designed to help the driver in different ways as they drive. The following Driver Assistance systems (where fitted) are available on this vehicle:

Category	System	Symbol	System description (See the specified page for detailed information.)	Page
Forward Driving Aids	Intelligent Emergency Braking with Pedestrian Detection		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.	363
	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.	373
	Intelligent Cruise Control (ICC) (models with ProPILOT 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.	343
			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.	360
	Intelligent Cruise Control (ICC) (models without ProPILOT 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.	317
			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.	330
	Cruise control (models without ProPILOT or Intelligent Cruise Control (ICC) system)		Allows the driver to drive the vehicle at a fixed speed without keeping his/her foot on the accelerator pedal.	315
	Speed limiter		Allow the driver to set the desired speed limit.	313

Category	System	Symbol	System description (See the specified page for detailed information.)	Page
Side Driving Aids (Lane and Blind Spot)	Lane Departure Warning (LDW)		Warns the driver that the vehicle is about to cross a lane marker with an indicator and a steering wheel vibration.	278
	Intelligent Lane Intervention		● Warns the driver that the vehicle is about to cross a lane marker with an indicator and a steering wheel vibration. ● Assists the driver to return the vehicle to the centre of the travelling lane.	282
	Emergency Lane Assist (ELA)		● Warns the driver when the vehicle approaches the road edge or solid white line with an indicator and a steering wheel vibration. ● Assist the driver to return the vehicle to the carriage way.	287
	Blind Spot Warning (BSW)		Warns the driver of a vehicle in an adjacent lane when changing lanes with an indicator.	294
	Intelligent Blind Spot Intervention		● Warns the driver of a vehicle in an adjacent lane when changing lanes. ● Assists the driver to return the vehicle to the centre of the travelling lane.	300
	Steering Assist		Assists the driver to help keep the vehicle within the centre of the travelling lane (this system is integrated in the ProPILOT system).	356
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.	309
	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.	381
Parking Aids	Rear view monitor	-	Shows a rear view of the vehicle when the shift lever is placed in the R (Reverse) position.	216
	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.	222
	Moving Object Detection (MOD)	-	Informs the driver of moving objects near the vehicle in parking situations.	231
	Parking sensor (sonar) system	-	Informs the driver with a visual and audible alert of stationary obstacles near the bumpers.	395
	ProPILOT Park		Assists the driver to park the vehicle (parallel parking, reverse bay parking and forward bay parking).	400
ProPILOT	ProPILOT		Consists of Intelligent Cruise Control (ICC) and Steering Assist.	333

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.	152
	Adaptive LED headlight		Changes the area illuminated by the headlights automatically when an oncoming vehicle or leading vehicle appears in front of your vehicle.	154
	Traffic Sign Recognition (TSR)		Provides the driver with information about the most recently detected speed limit.	275
	Intelligent Driver Alertness		Helps alert the driver when a lack of attention or driving fatigue is detected.	379
	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.	394

HOW TO ENABLE/DISABLE THE SYSTEMS



① Steering-wheel-mounted controls (left side)

② Vehicle information display

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 with Pedestrian Detection
- Intelligent Forward Collision Warning
- Lane Departure Warning (LDW)
- Intelligent Lane Intervention*
- Emergency Lane Assist (ELA)
- Blind Spot Warning (BSW)
- Intelligent Blind Spot Intervention*
- Speed Limit Link
- CRUISE 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

*: To operate the Intelligent Lane Intervention and Intelligent Blind Spot Intervention systems, you need to push the ProPILOT switch or the dynamic driver assistance switch after enabling each system in the settings menu.

Driver Assistance display

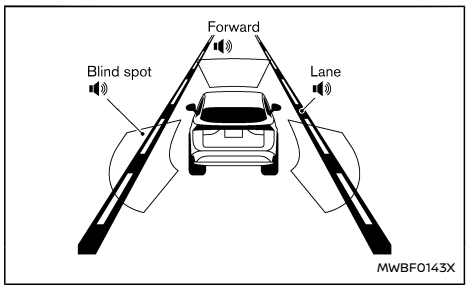
The Driver Assistance display appears in the vehicle information display when selected using the scroll dial, or for a short period of time when the ProPILOT switch (where fitted) is pushed.

The status of the following systems (where fitted) can be shown in each zone of the display.

Zone	Driving Aid
[Forward]	Intelligent Emergency Braking with Pedestrian Detection
	Intelligent Forward Collision Warning
[Lane]	Lane Departure Warning (LDW)
	Intelligent Lane Intervention
[Blind Spot]	Blind Spot Warning (BSW)
	Intelligent Blind Spot Intervention

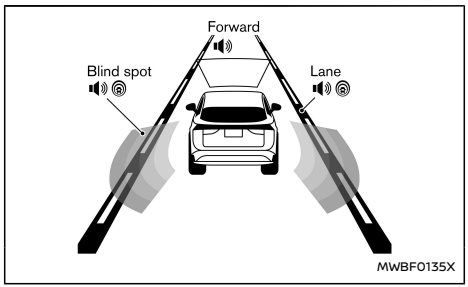
- When any of the "Warning" systems are enabled, the " " mark is shown in each zone.
- When any of the "Intervention" systems are enabled, the " " mark is shown in each zone.
- When no system is enabled, [OFF] is shown in each zone.

The display changes as the following examples:



All: outline

Zone	Driving Aid	Status
[Forward]	Intelligent Emergency Braking with Pedestrian Detection	Enabled (outline)
	Intelligent Forward Collision Warning	
[Lane]	Lane Departure Warning (LDW)	Enabled (outline)
	Intelligent Lane Intervention	Disabled
[Blind Spot]	Blind Spot Warning (BSW)	Enabled (outline)
	Intelligent Blind Spot Intervention	Disabled



Forward: outline, Other: shaded

Zone	Driving Aid	Status
[Forward]	Intelligent Emergency Braking with Pedestrian Detection	Enabled (outline)
	Intelligent Forward Collision Warning	
[Lane]	Lane Departure Warning (LDW)	Enabled
	Intelligent Lane Intervention	Enabled (shaded)
[Blind Spot]	Blind Spot Warning (BSW)	Enabled
	Intelligent Blind Spot Intervention	Enabled (shaded)

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	TSR, LDW, Intelligent Lane Intervention, Intelligent Blind Spot Intervention and Steering Assist	When the interior temperature is reduced, the system resumes automatically. (Push the ProPILOT switch or the dynamic driver assistance switch to turn back on the Intelligent Lane Intervention and Intelligent Blind Spot Intervention systems.)
OFF Flashing			Intelligent Emergency Braking with Pedestrian Detection and Intelligent Forward Collision Warning	
[Unavailable Low Visibility] or OFF Flashing	Poor camera visibility	Direct sunlight	ELA, Steering Assist and Intelligent Emergency Braking with Pedestrian Detection	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.
[Not available Visibility is impaired]	Poor visibility/ Undetectable lane marker	Bad weather	Steering Assist	When the condition no longer exists, push the ProPILOT switch to turn off the ProPILOT system and push the switch again to turn back on the system.
[Temporarily Disabled Front Radar Blocked] and OFF Flashing (only Intelligent Emergency Braking)	Front radar obstruction	Inclement weather (rain, fog, snow, etc.)	ELA, ICC, ProPILOT, Intelligent Emergency Braking with Pedestrian Detection and Intelligent Forward Collision Warning	When the condition no longer exists, the system resumes automatically. (Push the ProPILOT 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 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
OFF Flashing (only Intelligent Emergency Braking)	Front radar interruption	Interference from another radar source	ICC, ProPILOT, Intelligent Emergency Braking with Pedestrian Detection and Intelligent Forward Collision Warning	When the condition no longer exists, the system resumes automatically. (Push the ProPILOT switch or the Cruise ON/OFF switch to turn back on the ICC system.)
[Not available Side radar obstructed]	Side radar obstruction	Radar blockage	ELA, BSW, Intelligent Blind Spot Intervention and RCTA	Clean the side rear radar area on the rear of the vehicle. When the condition no longer exists, the system resumes automatically. (Push the ProPILOT switch or the dynamic driver assistance switch to turn back on the Intelligent Blind Spot Intervention system.)
[Unavailable Slippery Road]	Poor road condition	Slippery road	Intelligent Lane Intervention, Intelligent Blind Spot Intervention, ICC and ProPILOT	When the condition no longer exists, push the ProPILOT switch or the dynamic driver assistance switch or the Cruise ON/OFF switch to turn back on each system.
[Not Available, Parking Brake On]	System cancel	Electronic parking brake application	ProPILOT	When the condition no longer exists, push the ProPILOT switch to turn off the ProPILOT system and push the switch again to turn back on the ProPILOT system.
[Press brake pedal]	No electronic parking brake application	Driver's door open (vehicle stopped)	ProPILOT	Step on the brake pedal immediately.

For system temporarily unavailable

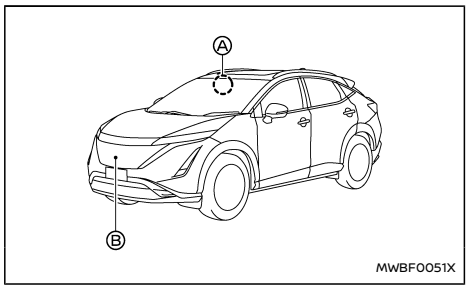
Warning light/Warning message	Possible cause	System to check	Action to take
OFF Illuminating	ESP turned off	Intelligent Emergency Braking with Pedestrian Detection	Turn on the ESP.
OFF Illuminating	ESP turned off	RAB	Turn on the ESP.
[Currently Not Available]	ESP turned off	Intelligent Lane Intervention, Intelligent Blind Spot Intervention, ICC and ProPILOT	Turn on the ESP.

For system malfunction

Warning light/Warning message	Symptom	System to check	Action to take
[System fault See Owner's Manual] and OFF Illuminating	System malfunction	Intelligent Emergency Braking with Pedestrian Detection and Intelligent Forward Collision Warning	Stop the vehicle in a safe location. Turn the electric vehicle system off and restart the electric vehicle 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]		TSR, LDW, Intelligent Lane Intervention, ELA, BSW, Intelligent Blind Spot Intervention, RCTA, ICC, ProPILOT, Steering Assist, RAB and Intelligent Driver Alertness	
[Parking sensor system fault See Owner's Manual]		Parking sensor (sonar) system	

Camera, radar and parking sensor (sonar) LOCATIONS

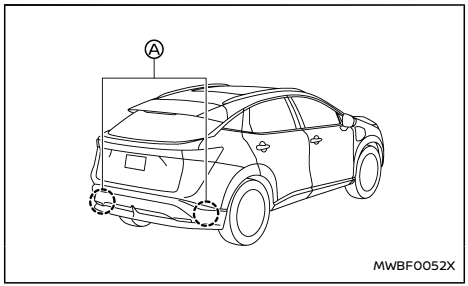
The camera, radar and parking sensor (sonar) that are used by each Driver Assistance systems are located on the front and rear of the vehicle. For the maintenance of each component, see "System maintenance" section in this Owner's Manual for each application system.



Vehicle front

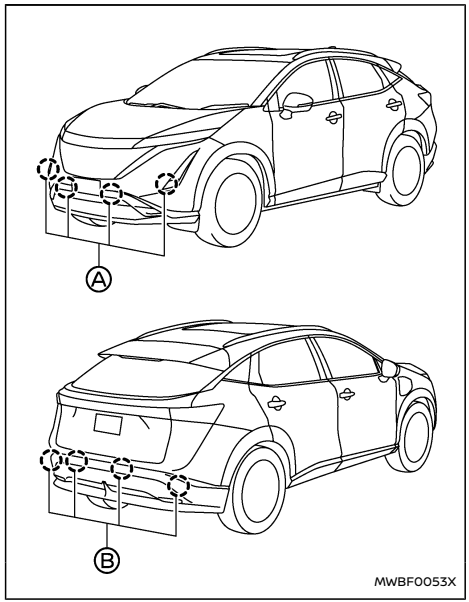
Ⓐ Front camera unit
- — Intelligent Emergency Braking with Pedestrian Detection
- — Lane Departure Warning (LDW)
- — Intelligent Lane Intervention
- — Emergency Lane Assist (ELA)
- — Intelligent Blind Spot Intervention
- — Steering Assist
- — High beam assist
- — Adaptive LED headlight
- — Traffic Sign Recognition (TSR)

Ⓑ Front radar sensor
- — Emergency Lane Assist (ELA)
- — Intelligent Emergency Braking with Pedestrian Detection
- — Intelligent Forward Collision Warning
- — Intelligent Cruise Control (ICC)



Vehicle rear

Ⓐ Side radar sensor
- — Emergency Lane Assist (ELA)
- — Blind Spot Warning (BSW)
- — Intelligent Blind Spot Intervention
- — Rear Cross Traffic Alert (RCTA)



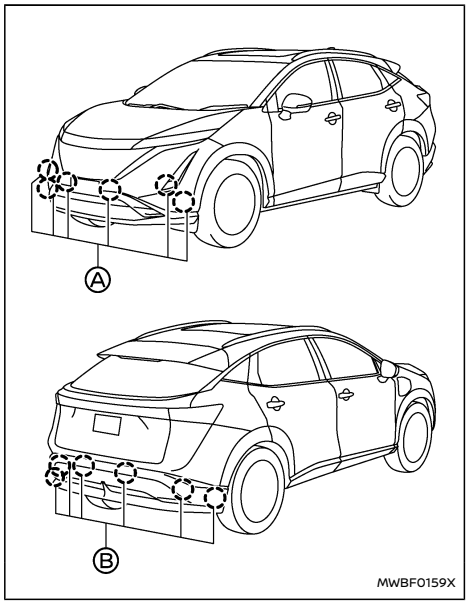
8 sensors

Parking sensor (sonar)

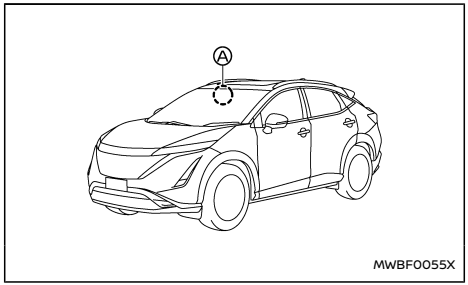
Ⓐ Front parking sensors
- — Parking sensor (sonar) system
- — ProPILOT Park

Ⓑ Rear parking sensors
- — Rear Automatic Braking (RAB)
- — Parking sensor (sonar) system

— ProPILOT Park



12 sensors



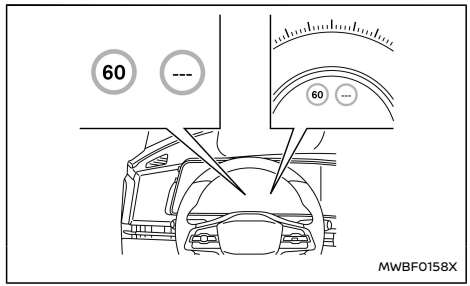
The Traffic Sign Recognition (TSR) system provides the driver with information about the most recently detected speed limit. The system captures the road sign information with the multi-sensing front camera unit Ⓐ located on the windscreen in front of the inside mirror and displays the detected signs in the vehicle information display. For vehicles equipped with navigation system, the speed limit displayed is based on a combination of navigation system data and live camera recognition. TSR information is shown in the vehicle information display and in the Head Up Display (HUD) (where fitted). (See "Head Up Display (HUD) (where fitted)" (P.144).)

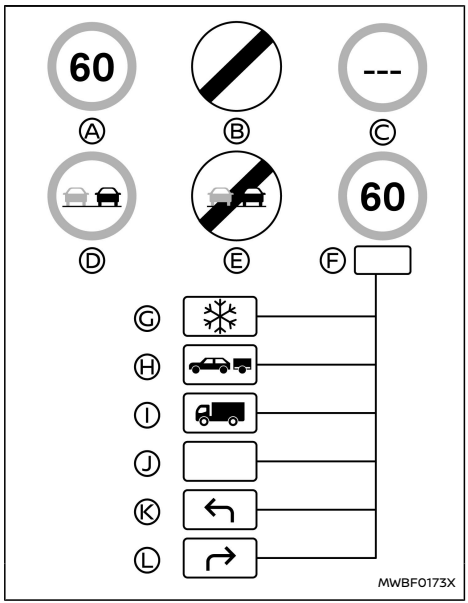
⚠ WARNING

The TSR system is only intended to be a support device to 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.

SYSTEM OPERATION

The TSR system displays the following types of road sign:





Available road signs

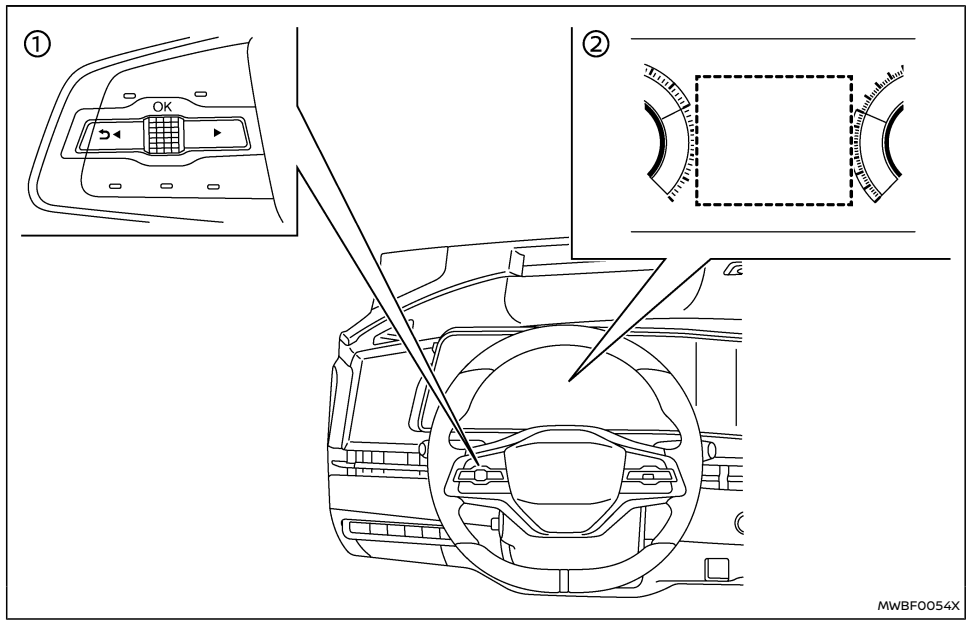
Ⓐ Latest detected speed limit
Ⓑ National speed limit
Ⓒ No speed limit information
Ⓓ No-overtaking zone
Ⓔ End of no-overtaking zone
Ⓕ Conditional speed limit, with the following available conditions:
Ⓖ Snow
Ⓗ Towing
Ⓘ Goods vehicles
Ⓙ Generic
Ⓚ Left turn allowed
Ⓛ Right turn allowed

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 rain, snow or dirt adheres to the windscreen in front of the multi-sensing front 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 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.)**
  - **— In areas not covered by the navigation system.**
  - **— If there are deviations in relation to the navigation, for example due to changes in the road routing.**
  - **— When overtaking buses or trucks with speed stickers.**
  - **— When the data from the navigation system is not up-to-date or is unavailable.**
- **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 indiction, when detecting an irrelevant speed limit passing by a freeway exit or junction, etc.)

HOW TO ENABLE/DISABLE THE TSR SYSTEM



① Steering-wheel-mounted controls (left side)

② Vehicle information display

Perform the following steps to enable or disable the TSR 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 [Traffic Sign Assist]. Then push the scroll dial.

3. Select [Traffic Sign] and push the scroll dial to turn the system on or off.

SYSTEM TEMPORARILY UNAVAILABLE

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.

Action to take:

When the interior temperature is reduced, the TSR system will resume operating automatically.

SYSTEM MALFUNCTION

If the TSR 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.

Action to take

If the warning message appears, pull off the road at a safe location and stop the vehicle. Turn the electric vehicle system off and restart the electric vehicle system. If the warning message continues to appear, have the system checked by a NISSAN certified electric vehicle dealer.

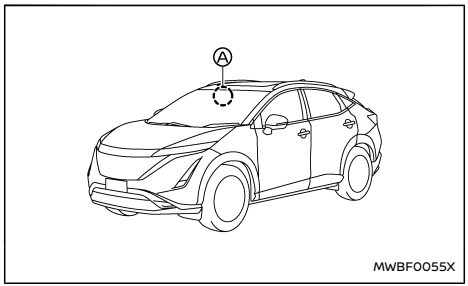
SYSTEM MAINTENANCE

The TSR system uses the same multi-sensing front camera unit that is used by the Lane Departure Warning (LDW) system, located in front of the inside mirror. For maintenance of the camera, see "System maintenance" (P.281).

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the LDW system could result in serious injury or death.

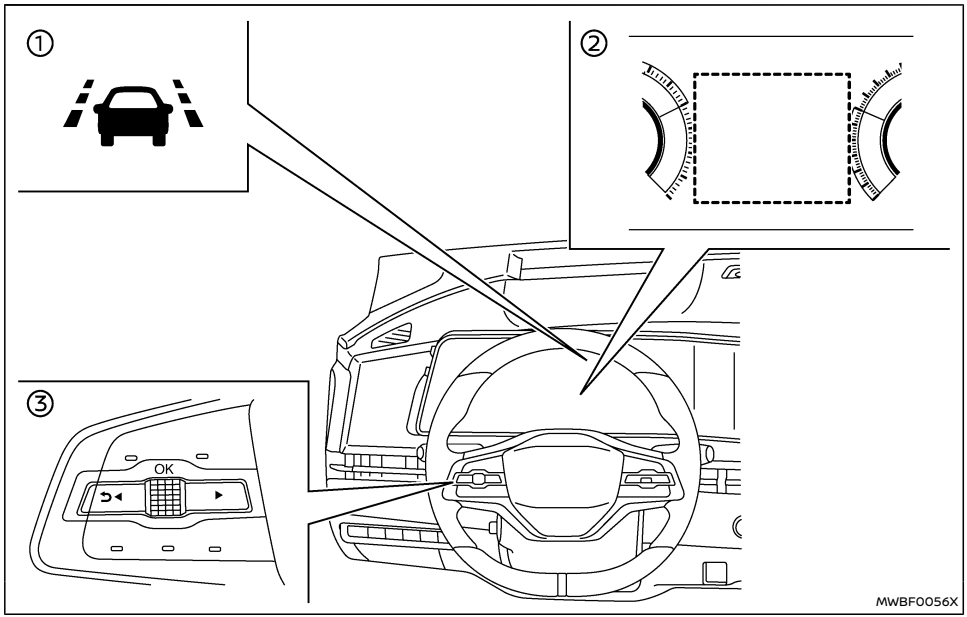
- **This system is only a warning device to inform the driver of a potential unintended lane departure. It will not steer the vehicle or prevent loss of control. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**



The LDW system will operate when the vehicle is driven at speeds of approximately 60 km/h (37 MPH) and above, and the lane markings are clearly visible on the road.

The LDW system monitors the lane markers on the travelling lane using the camera unit Ⓐ located above the inside mirror.

The LDW system warns the driver that the vehicle is beginning to leave the driving lane with an indicator and a steering wheel vibration. (See "LDW system operation" (P.279).)



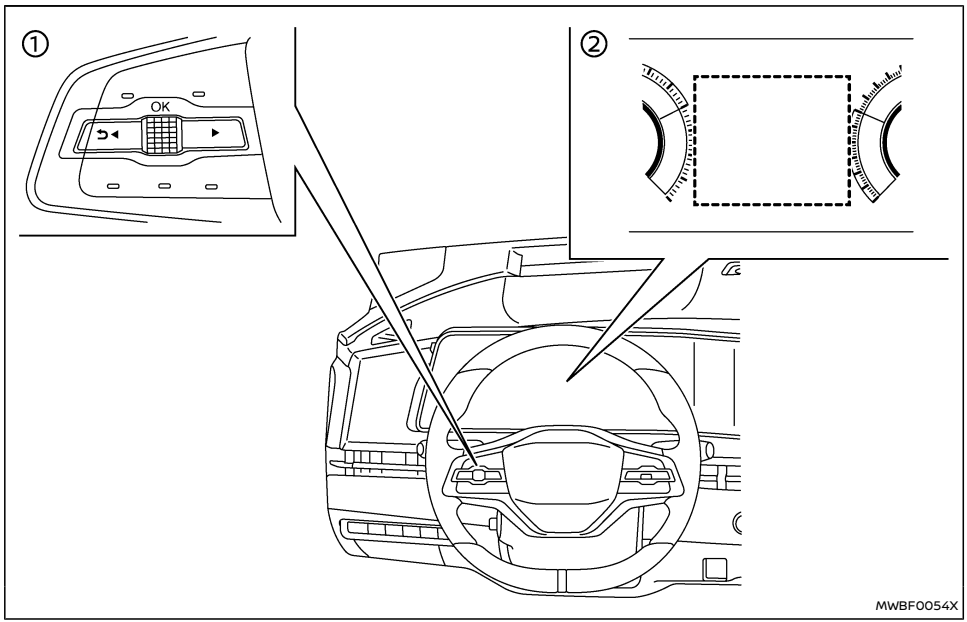
① LDW indicator (on the vehicle information display)
② Vehicle information display
③ Steering-wheel-mounted controls (left side)

LDW SYSTEM OPERATION

The LDW system provides a lane departure warning function when the vehicle is driven at speeds of approximately 60 km/h (37 MPH) and above and the lane markings are clear. When the vehicle approaches either the left or the right side of the travelling lane, the steering wheel will vibrate and the LDW indicator on the vehicle information display will blink to alert the driver.

The warning function will stop when the vehicle returns inside of the lane markers.

HOW TO ENABLE/DISABLE THE LDW SYSTEM



① Steering-wheel-mounted controls (left side)

② Vehicle information display

Perform the following steps to enable or disable the LDW 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 [Lane Assist] and push the scroll dial.
3. Select [Warning] and push the scroll dial to turn the system on or off.

NOTE:

If you disable the LDW system, the system will remain disabled the next time you start the vehicle's electric vehicle system.

LDW SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the LDW system. Failure to follow the warnings and instructions for proper use of the LDW system could result in serious injury or death.

- **The system will not operate at speeds below approximately 60 km/h (37 MPH) or if it cannot detect lane markers.**
- **Do not use the LDW system under the following conditions as it may not function properly:**
  - **— 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.**
  - **— When driving without normal tyre conditions (for example, tyre wear, low tyre pressure, tyre chains, non-stan-**

dard wheels).

— When the vehicle is equipped with non-original brake parts or suspension parts.

— When towing a trailer or other vehicle.

- **The system may not function properly under the following conditions:**

— On roads where there are multiple parallel lane markers; lane markers that are faded or not painted clearly; yellow painted lane markers; non-standard lane markers; or lane markers covered with water, dirt, snow, etc.

— 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 LDW 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.)

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 LDW system may be deactivated automatically and the following message will appear in the vehicle information display.

- [Unavailable Camera Temperature High]

When the interior temperature is reduced, the LDW system will resume operating automatically.

Condition B:

The warning function of the LDW system is not designed to work under the following conditions:

- When you operate the lane change signal and change travelling lanes in the direction of the signal. (The LDW system will become operable again approximately 2 seconds after the lane change signal is turned off.)
- When the vehicle speed lowers to less than approximately 60 km/h (37 MPH).

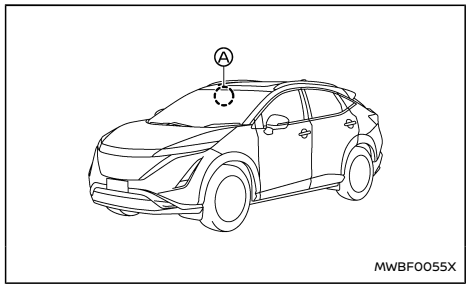
Action to take:

After the above conditions have finished and the necessary operating conditions are satisfied, the LDW system will resume.

SYSTEM MALFUNCTION

If the LDW system malfunctions, it will cancel automatically and the [System fault See Owner's Manual] warning message will appear in the vehicle information display. If the warning message appears, pull off the road to a safe location and stop the vehicle. Place the power switch in the OFF position and restart the electric vehicle 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.

SYSTEM MAINTENANCE



The lane camera unit Ⓐ for the LDW system is

located above the inside mirror.

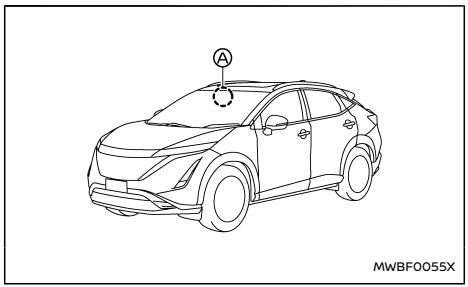
To keep the proper operation of the LDW system and prevent a system malfunction, be sure to observe the following:

- 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.

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the Intelligent Lane Intervention system could result in serious injury or death.

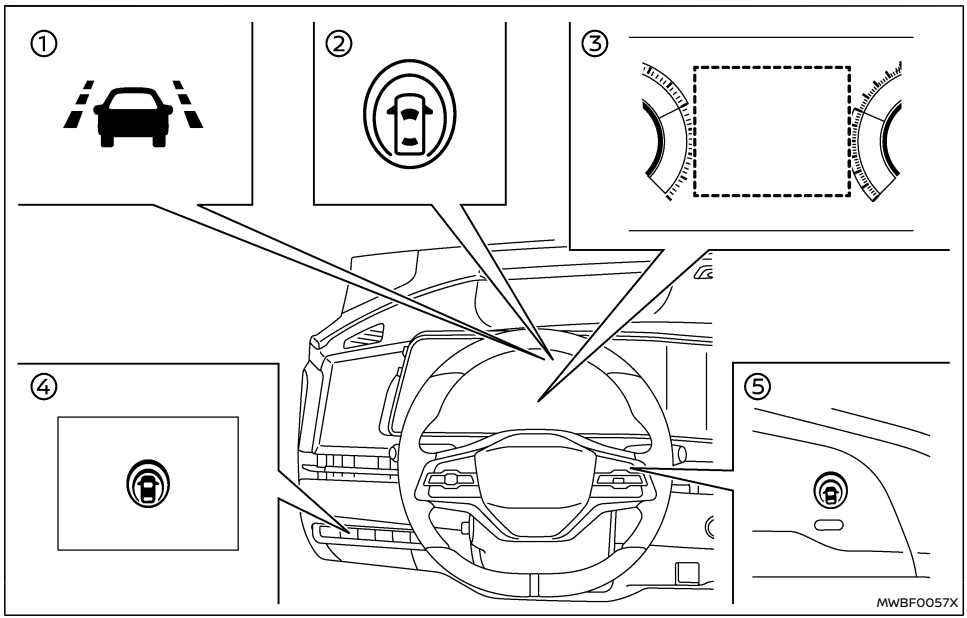
- **The Intelligent Lane Intervention system will not steer the vehicle or prevent loss of control. It is the driver's responsibility to stay alert, drive safely, keep the vehicle in the travelling lane, and be in control of the vehicle at all times.**
- **The Intelligent Lane Intervention system is primarily intended for use on well-developed freeways or highways. It may not detect the lane markers in certain road, weather, or driving conditions.**



The Intelligent Lane Intervention system must be turned on with the ProPILOT switch (where fitted) on the steering wheel or the dynamic driver assistance switch (where fitted) on the driver's side instrument panel, every time the power switch is placed in the ON position.

The Intelligent Lane Intervention system will operate when the vehicle is driven at speeds of approximately 60 km/h (37 MPH) and above, and only when the lane markings are clearly visible on the road. The Intelligent Lane Intervention system warns the driver when the vehicle has left the centre of the travelling lane with an indicator and steering wheel vibration. The system helps assist the driver to return the vehicle to the centre of the travelling lane by applying the brakes to the left or right wheels individually (for a short period of time).

The Intelligent Lane Intervention system monitors the lane markers on the travelling lane using the camera unit Ⓐ located above the inside mirror.



① Intelligent Lane Intervention ON indicator (on the vehicle information display)

② Intelligent Lane Intervention indicator (on the vehicle information display)

③ Vehicle information display

④ Dynamic driver assistance switch (models without ProPILOT system)

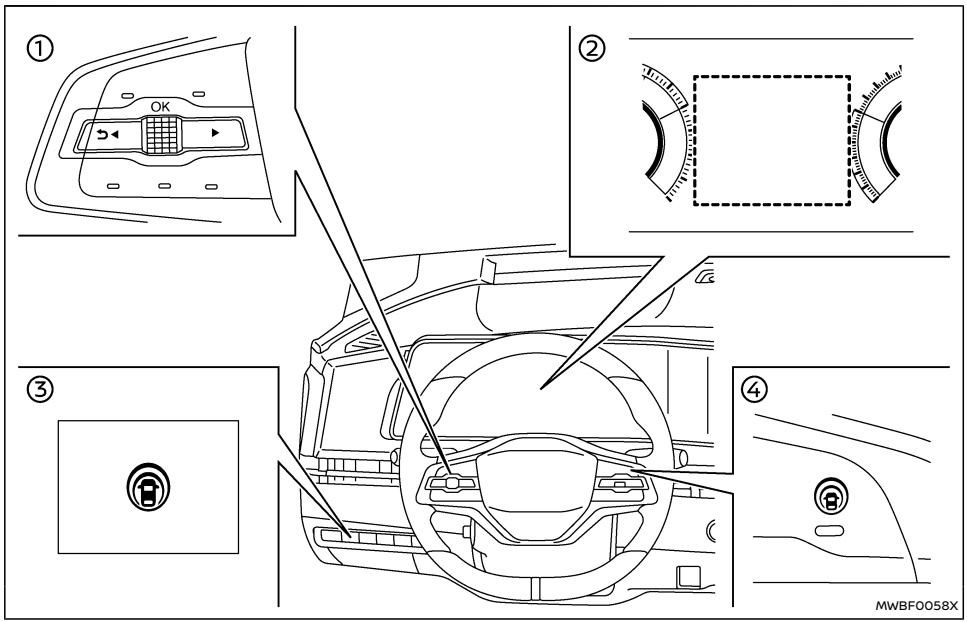
⑤ ProPILOT switch (models with ProPILOT system)

INTELLIGENT LANE INTERVENTION SYSTEM OPERATION

The Intelligent Lane Intervention system operates above approximately 60 km/h (37 MPH) and when the lane markings are clear. When the vehicle approaches either the left or the right side of the travelling lane, steering wheel will vibrate and the Intelligent Lane Intervention indicator (yellow) on the vehicle information display will blink to alert the driver. Then, the Intelligent Lane Intervention system will automatically apply the brakes for a short period of time to help assist the driver to return the vehicle to the centre of the travelling lane.

To turn on the Intelligent Lane Intervention system, push the ProPILOT switch (where fitted) on the steering wheel or the dynamic driver assistance switch (where fitted) on the driver's side instrument panel after starting the electric vehicle system. The Intelligent Lane Intervention ON indicator on the vehicle information display will illuminate. Push the ProPILOT switch (where fitted) or the dynamic driver assistance switch (where fitted) again to turn off the Intelligent Lane Intervention system. The Intelligent Lane Intervention ON indicator will turn off.

HOW TO ENABLE/DISABLE THE INTELLIGENT LANE INTERVENTION SYSTEM



① Steering-wheel-mounted controls (left side)
② Vehicle information display
③ Dynamic driver assistance switch (models without ProPILOT system)
④ ProPILOT switch (models with ProPILOT system)

Perform the following steps to enable or disable the Intelligent Lane Intervention 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 [Lane Assist] and push the scroll dial.
3. Select [Intervention] and push the scroll dial.
4. Push the ProPILOT switch (where fitted) or the dynamic driver assistance switch (where fitted) to turn the system on or off.

NOTE:

Turning on the ProPILOT system will turn on the Intelligent Lane Intervention and Intelligent Blind Spot Intervention (where fitted) systems at the same time. If the Intelligent Lane Intervention system is disabled in the settings menu, the Intelligent Lane Intervention will automatically be turned on when the Steering Assist system is active. (See "ProPILOT (where fitted)" (P.333).)

INTELLIGENT LANE INTERVENTION SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the Intelligent Lane Intervention system. Failure to follow the warnings and instructions for proper use of the Intelligent Lane Intervention system could result in serious injury or death.

- **The Intelligent Lane Intervention system may activate if you change lanes 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 Intelligent Lane Intervention may not activate under the road, weather, and lane marker conditions described in this section, it may not activate every time your vehicle begins to leave its lane and you will need to apply corrective steering.**
- **The Intelligent Lane Intervention system will not operate at speeds below approximately 60 km/h (37 MPH) or if it cannot detect lane markers.**
- **When the Intelligent Lane Intervention system is operating, avoid excessive or sudden steering manoeuvres. Otherwise, you could lose control of the vehicle.**
- **Do not use the Intelligent Lane Intervention system under the following conditions as it may not function properly:**
  - **— 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.**
  - **— When driving without normal tyre conditions (for example, tyre wear, low tyre pressure, tyre chains, non-standard wheels).**
  - **— When the vehicle is equipped with non-original brake parts or suspension parts.**
  - **— When towing a trailer or other vehicle.**
  - **— On roads where there are multiple parallel lane markers; lane markers that are faded or not painted clearly; yellow painted lane markers; non-standard lane markers; or lane markers covered with water, dirt, snow, etc.**
  - **— 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 Intelligent Lane Intervention 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 or dirt 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.)**

While the Intelligent Lane Intervention system is operating, you may hear a sound of brake operation. This is normal and indicates that the Intelligent Lane Intervention system is operating properly.

SYSTEM TEMPORARILY UNAVAILABLE

Condition A:

The warning and assist functions of the Intelligent Lane Intervention 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 Intelligent Lane Intervention system will be deactivated for approximately 2 seconds after the lane change signal is turned off.)
- When the vehicle speed lowers to less than approximately 60 km/h (37 MPH).

Action to take:

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 Intelligent Lane Intervention system is not designed to work under the following conditions (warning is still functional):

- When the brake pedal is depressed.
- When the steering wheel is turned as far as necessary for the vehicle to change lanes.
- When the vehicle is accelerated during the Intelligent Lane Intervention 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.

Action to take:

After the above conditions have finished and the necessary operating conditions are satisfied, the Intelligent Lane Intervention system application of the brakes will resume.

Condition C:

If the following message appears in the vehicle information display, a chime will sound and the Intelligent Lane Intervention system will be turned off automatically.

- [Unavailable Slippery Road]:
  - When the ESP system (except Traction Control System (TCS) function) or ABS operates.
- [Currently Not Available]:
  - When the Electronic Stability Programme (ESP) system is turned off.

Action to take:

When the above conditions no longer exist, turn off the Intelligent Lane Intervention system. Push the ProPILOT switch (where fitted) or the dynamic driver assistance switch (where fitted) again to turn the Intelligent Lane Intervention system back on.

Temporary disabled status at high temperature:

If the vehicle is parked in direct sunlight under high temperature conditions (over approximately 40°C (104°F)) and then the Intelligent Lane Intervention system is turned on, the Intelligent Lane Intervention system may be deactivated automatically, a chime sounds and the following message will appear on the vehicle information display:

- [Unavailable Camera Temperature High]

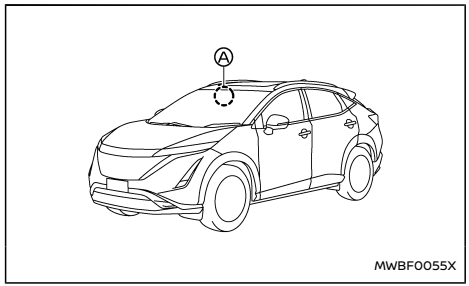
When the interior temperature is reduced, turn off the Intelligent Lane Intervention system. Push the ProPILOT switch (where fitted) or the dynamic driver assistance switch (where fitted) again to turn the Intelligent Lane Intervention system back on.

SYSTEM MALFUNCTION

If the Intelligent Lane Intervention system malfunctions, it will cancel automatically. The Intelligent Lane Intervention indicator (yellow) will illuminate, a chime will sound and the [System fault See Owner's Manual] warning message will appear in the vehicle information display.

If the Intelligent Lane Intervention indicator (yellow) illuminates, pull off the road to a safe location. Turn the electric vehicle system off and restart the electric vehicle system. If the indicator (yellow) continues to illuminate, have the Intelligent Lane Intervention system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

SYSTEM MAINTENANCE



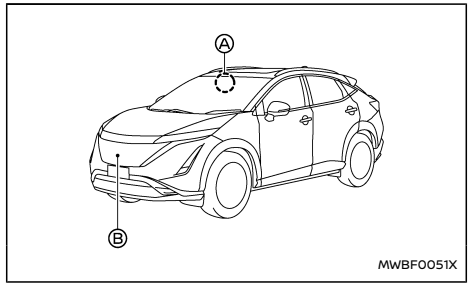
The lane camera unit Ⓐ for the Intelligent Lane Intervention system is located above the inside mirror. To keep the proper operation of the Intelligent Lane Intervention system and prevent a system malfunction, be sure to observe the following:

- 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

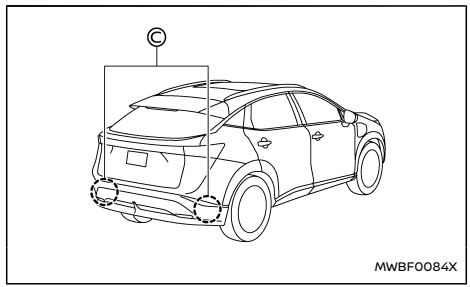
EMERGENCY LANE ASSIST (ELA) SYSTEM (where fitted)

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.



MWBF0051X



MWBF0084X

⚠ WARNING

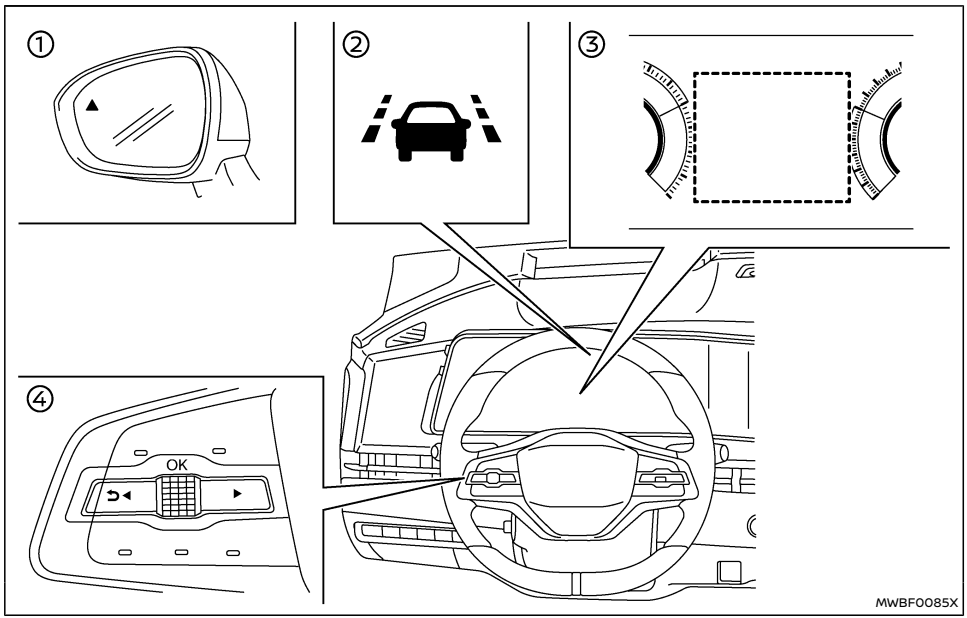
Failure to follow the warningsandinstructions for proper use of the ELA system could result in serious injury or death.

- **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 radars and camera. Not every moving object or vehicle will be detected. Always rely on your own operation to avoid accidents.**

The ELA system will be automatically turned on each time the electric vehicle system is restarted.

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 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 at the front of the vehicle and Ⓒ 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
④ Steering-wheel-mounted controls (left side)

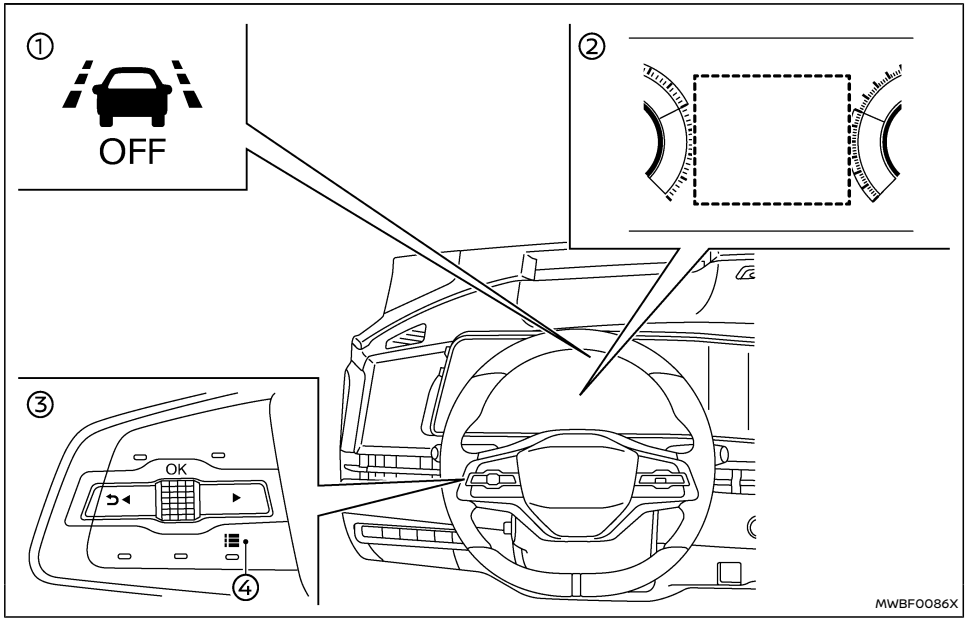
ELA SYSTEM OPERATION

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 markings or road edge are clearly visible on the road.

The ELA system warns the driver when the vehicle approaches the road edge or solid white line with an indicator on the vehicle information display and steering wheel vibration. The system helps assist the driver to return the vehicle to the carriage way by applying the brakes to the left or right wheels individually (for a short period of time) in the following circumstances:

- The vehicle is approaching the edge of the road, towards grass or gravel or a kerb, for example.
- The vehicle is approaching a solid line on a single lane marking.
- Oncoming vehicles in adjacent lanes.
- Overtaking vehicles in adjacent lanes. The side indicator light will also flash.
- Intelligent Lane intervention can be turned on to provide assistance in lanes on motorway/ dual carriage ways.

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 (left side)
④ Shortcut button

Perform either of the following steps to enable or disable the ELA system.

Shortcut Menu

1. Push the button ④ on the steering switch to display [Shortcut Menu].
2. Select [Emergency Lane] and push the scroll dial to turn the system 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 the ELA system is turned off, the ELA OFF indicator illuminates.

For details, see "Vehicle information display" (P.120).

NOTE:

- **The ELA system will be automatically turned on each time the electric vehicle system is restarted.**
- **The Intelligent Lane Intervention is an additional aid that can be turned on in addition to the ELA system if required. For details, see "Intelligent Lane Intervention (where fitted)" (P.282).**

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 electric vehicle system is restarted. This setting is also applied to the Lane Departure Warning (LDW) and Intelligent Lane Intervention systems.

Even if the ELA system is disabled in the [Settings] menu, the ELA system will automatically be turned on when the Intelligent Lane Intervention system (where fitted) or the Steering Assist system (where fitted) is active.

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 solid 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 activate under the road, weather and lane marker conditions described in this section, it may not activate every time your vehicle begins to leave the travelling lane and you will need to apply corrective steering.**
- **The ELA system will not operate at speeds below approximately 60 km/h (37 MPH), or if it cannot detect lane markers.**
- **When the ELA system detects oncoming vehicles in adjacent lanes, the ELA system will not operate at speeds above approximately 120 km/h (74 MPH).**
- **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, tyre chains, non-standard wheels). See "Wheels and tyres" (P.454).**
  - **— When the vehicle is equipped with non-original brake 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; non-standard 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.)

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 motorcycles, 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.

Listed below are the system limitations for the Oncoming 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 oncoming vehicles under all conditions.
- The following are not detected as oncoming vehicles:
  - — Pedestrians, bicycles, animals.
  - — Vehicles such as motorcycles, low height vehicles, or vehicles with high ground clearance.
  - — Parked Vehicles or Low speed Vehicles.
  - — Oncoming Vehicles on same lane.
- The ELA system may not function properly or detect an oncoming vehicle 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 from 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).

— If the vehicle ahead has a unique or unusual shape, extremely low or high clearance heights, or unusual cargo loading or is narrow (for example, a motorcycle).

NOTE:

While the ELA system is operating, you may hear a sound of brake operation. This is normal and indicates that the ELA system is operating properly.

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 approximately 60 km/h (37 MPH).
- When an oncoming vehicle is detected and the vehicle speed is over approximately 120 km/h (74 MPH)

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.
- 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.

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 OFF indicator appears and the ELA system will be turned off automatically.

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 in the vehicle information display and the ELA indicator blinks in the vehicle information display, the ELA system will be turned off automatically:

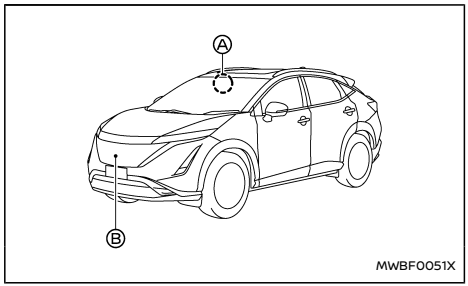
- [Not available Side radar obstructed]: When the rear radar is blocked. Always keep the area near the radar sensors clean.
- [Temporarily Disabled Front Radar Blocked]: When the front radar is blocked. Always keep the area near the radar sensors clean.
- [Unavailable Low Visibility]: When the front camera is blocked. Always keep the area near the front camera clean.
- 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 blinks.

SYSTEM MALFUNCTION

When the ELA system malfunctions, it will cancel automatically. The ELA indicator (yellow) will illuminate, a chime will sound and the [System fault See Owner's Manual] warning message will appear in the vehicle information display. If the warning message appears, pull off the road in a safe location, turn off and restart the electric vehicle system. If the message continues to appear, have the ELA system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for

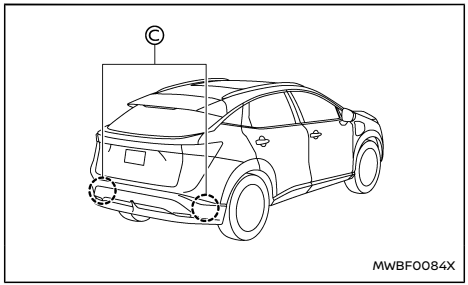
this service.

SYSTEM MAINTENANCE



The camera Ⓐ is located above the inside mirror. The front radar sensor Ⓑ is located on the front of the vehicle. To keep the ELA system operating properly, be sure to observe the following:

- Always keep the sensor area on the front of the vehicle and windscreen clean.
- Do not strike or damage the areas around the sensors (bumper, windscreen).
- Do not cover or attach stickers or similar objects 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.



The two rear 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 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 cautious because the radar sensors are installed on the bumper. For more details, see "Precautions on repairing the bumper" (P.299).

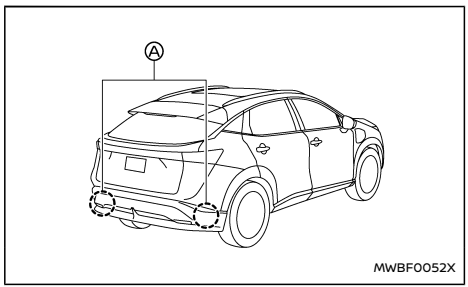
BLIND SPOT WARNING (BSW)

⚠ WARNING

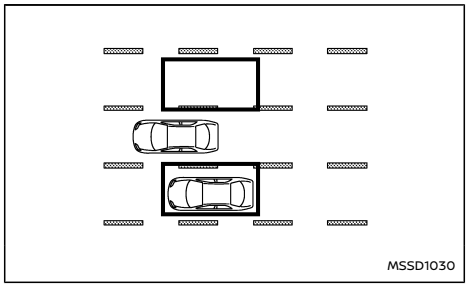
Failure to follow the warnings and instructions for proper use of the BSW system could result in serious injury or death.

- **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 BSW system helps alert the driver of other vehicles in adjacent lanes when changing lanes.

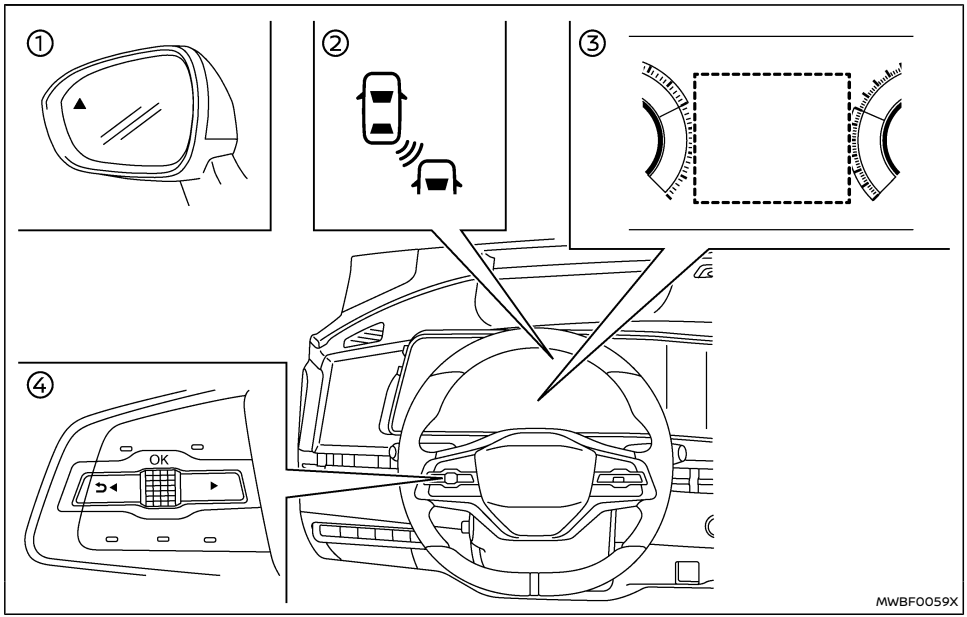


The BSW system uses radar sensors Ⓐ installed near the rear bumper to detect other vehicles in an adjacent lane.



Detection zone

The radar sensors can detect vehicles on either side of your vehicle within the detection zone shown as illustrated. This detection zone 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.



① Side indicator light
② BSW indicator (on the vehicle information display)
③ Vehicle information display
④ Steering-wheel-mounted controls (left side)

BSW SYSTEM OPERATION

The BSW system operates above approximately 32 km/h (20 MPH).

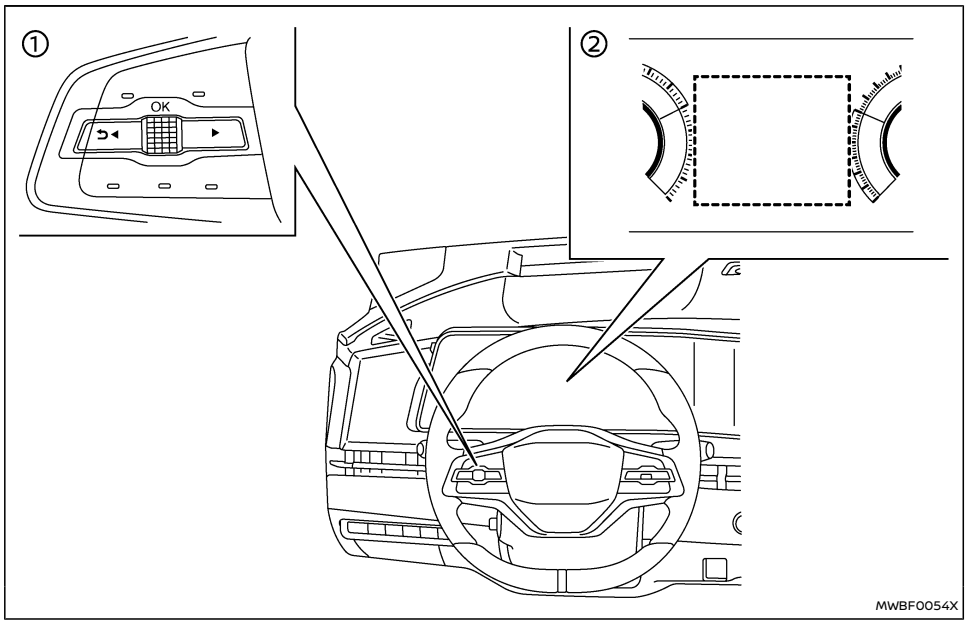
If the radar sensors detect a vehicle in the detection zone, the side indicator light illuminates.

If the turn signal is then activated, the system chimes (twice) and the side indicator light and BSW indicator flash. The side indicator light and BSW indicator continue to flash until the detected vehicle leaves the detection zone.

The side indicator light illuminates for a few seconds when the power switch is placed in the ON position.

The brightness of the side indicator light is adjusted automatically depending on the brightness of the ambient light.

HOW TO ENABLE/DISABLE THE BSW SYSTEM



① Steering-wheel-mounted controls (left side)

② Vehicle information display

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. Select [Warning] 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 electric vehicle system is restarted.

BSW SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the BSW system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The BSW system cannot detect all vehicles under all conditions.**
- **The radar sensors may not be able to detect and activate BSW when certain objects are present such as:**
  - **— Pedestrians, bicycles, animals.**
  - **— Vehicles such as motorcycles, low height vehicles, or high ground clearance vehicles.**
  - **— Oncoming vehicles.**
  - **— 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.

— 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 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.**
- **Do not use the BSW 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.**

BSW DRIVING SITUATIONS

Indicator on

Indicator off

Indicator flashing

Another vehicle approaching from behind

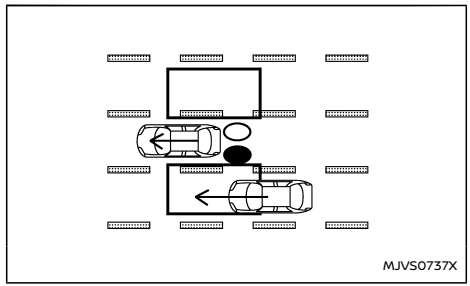


Illustration 1 – Approaching from behind

Illustration 1: The side indicator light illuminates if a vehicle enters the detection zone from behind in an adjacent lane.

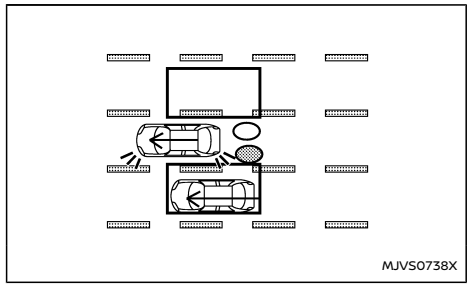


Illustration 2 – Approaching from behind

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.**

Overtaking another vehicle

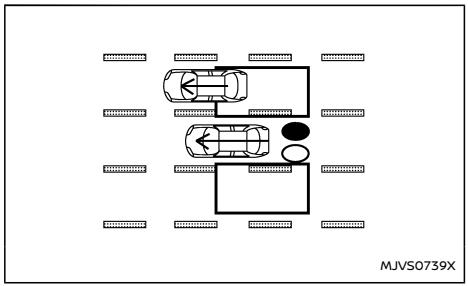


Illustration 3 – Overtaking another vehicle

Illustration 3: The side indicator light illuminates if you overtake a vehicle and that vehicle stays in the detection zone for approximately 3 seconds.

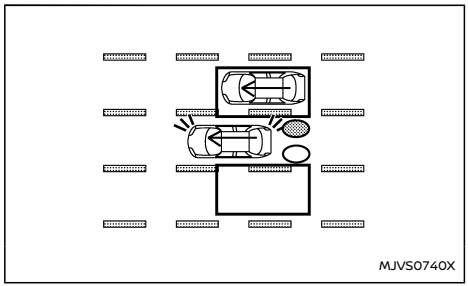


Illustration 4 – Overtaking another vehicle

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

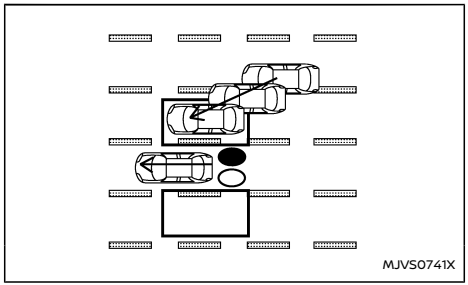


Illustration 5 – Entering from the side

Illustration 5: The side indicator light illuminates if a vehicle enters the detection zone from either side.

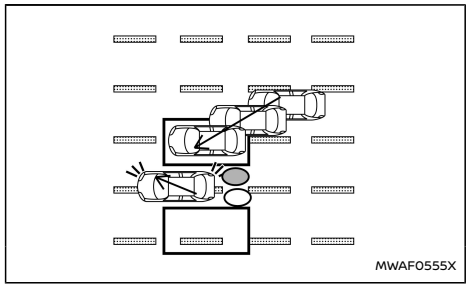


Illustration 6 – Entering from the side

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 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 Intelligent Blind Spot Intervention (where fitted) and the Rear Cross Traffic Alert (RCTA) systems 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.

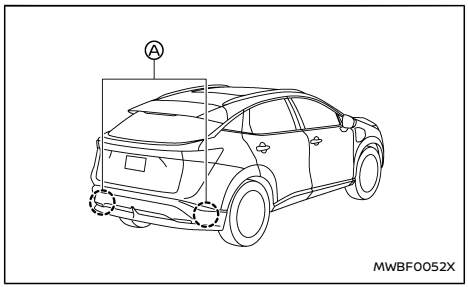
NOTE:

If the BSW system stops working, the Intelligent Blind Spot Intervention (where fitted) and Rear Cross Traffic Alert (RCTA) systems will also stop working.

Action to take:

Stop the vehicle in a safe location, turn the electric vehicle system off and restart the electric vehicle 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 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.).

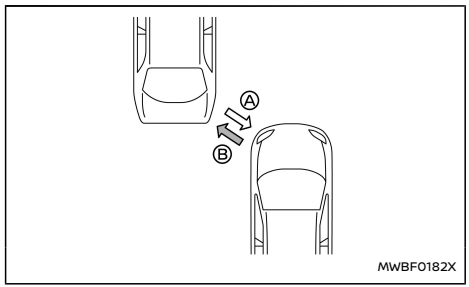
Do not strike or damage the area around the radar sensors.

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 cautious because the radar sensors are installed on the bumper.

Mechanism of the radar sensor:

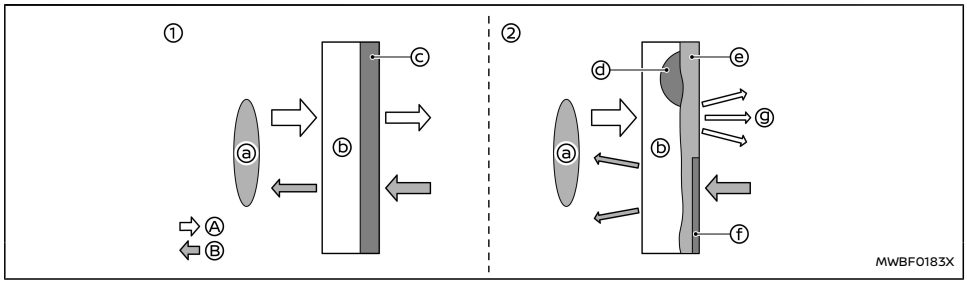


Ⓐ Radar signal

Ⓑ Reflected signal

The radar sensor detects objects by emitting a radar signal and then measuring its reflection.

Repairing the bumper:



① Normal condition (before the repair)

② Poor condition (after the improper repair)

Ⓐ Radar signal

Ⓑ Reflected signal

ⓐ Radar sensor

ⓑ Vehicle bumper

ⓒ Film layer

ⓓ Putty

ⓔ Touch-up layer

ⓕ Repaint

ⓖ Radar signal diffusion

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 weaken or prevented from functioning properly. This may cause the radar sensor not to detect objects correctly.

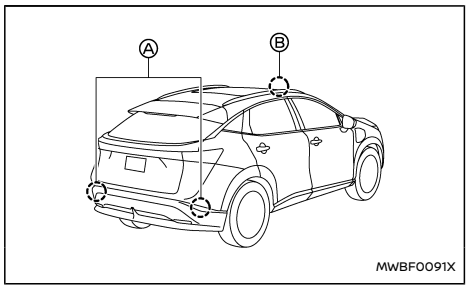
INTELLIGENT BLIND SPOT INTERVENTION (where fitted)

⚠ WARNING

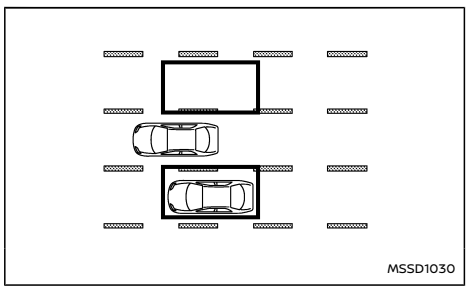
Failure to follow the warnings and instructions for proper use of the Intelligent Blind Spot Intervention system could result in serious injury or death.

- **The Intelligent Blind Spot Intervention system is not a replacement for proper driving procedures 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 Intelligent Blind Spot Intervention system.**
- **There is a limitation to the detection capability of the radar. Not every moving object or vehicle will be detected. Using the Intelligent Blind Spot Intervention system under some road, ground, lane marker, traffic or weather conditions could lead to improper system operation. Always rely on your own operation to avoid accidents.**

The Intelligent Blind Spot Intervention system helps alert the driver of other vehicles in adjacent lanes when changing lanes, and helps assist the driver to return the vehicle to the centre of the travelling lane.



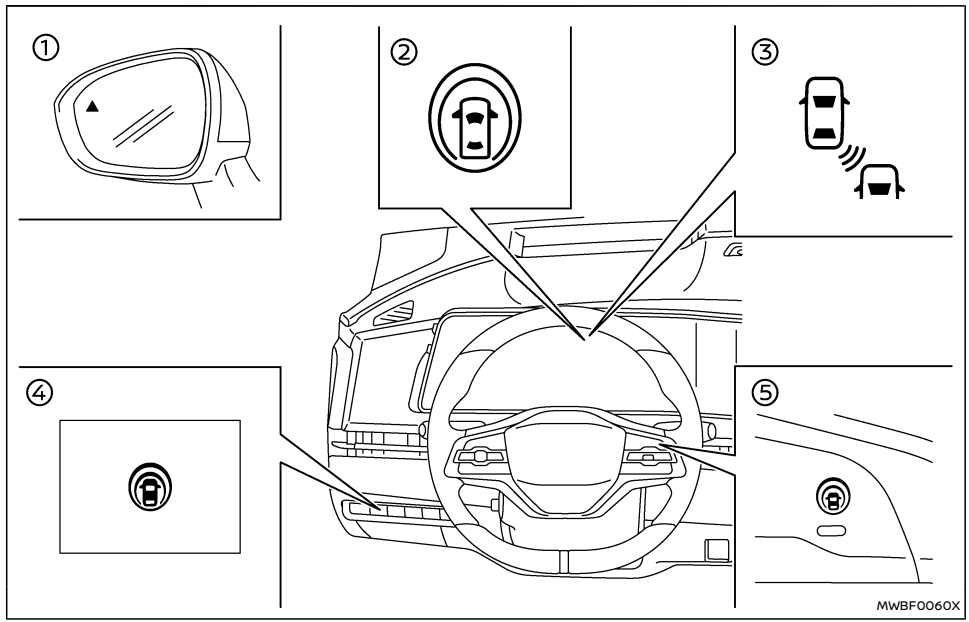
The Intelligent Blind Spot Intervention system uses radar sensors Ⓐ installed near the rear bumper to detect other vehicles in an adjacent lane. In addition to the radar sensors, the Intelligent Blind Spot Intervention system uses a camera Ⓑ installed behind the windscreen to monitor the lane markers of your travelling lane.



Detection zone

The radar sensors can detect vehicles on either side of your vehicle within the detection zone shown as illustrated.

This detection zone 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.



① Side indicator light
② Intelligent Blind Spot Intervention ON indicator (on the vehicle information display)
③ Intelligent Blind Spot Intervention indicator (on the vehicle information display)
④ Dynamic driver assistance switch (models

without ProPILOT system)

⑤ ProPILOT switch (models with ProPILOT system)

INTELLIGENT BLIND SPOT INTERVENTION SYSTEM OPERATION

The Intelligent Blind Spot Intervention system operates above approximately 60 km/h (37 MPH).

If the radar sensors detect a vehicle in the detection zone, the side indicator light illuminates.

If the turn signal is then activated, the system chimes (twice) and the side indicator light and Intelligent Blind Spot Intervention indicator flash. The side indicator light and Intelligent Blind Spot Intervention indicator continue to flash until the detected vehicle leaves the detection zone.

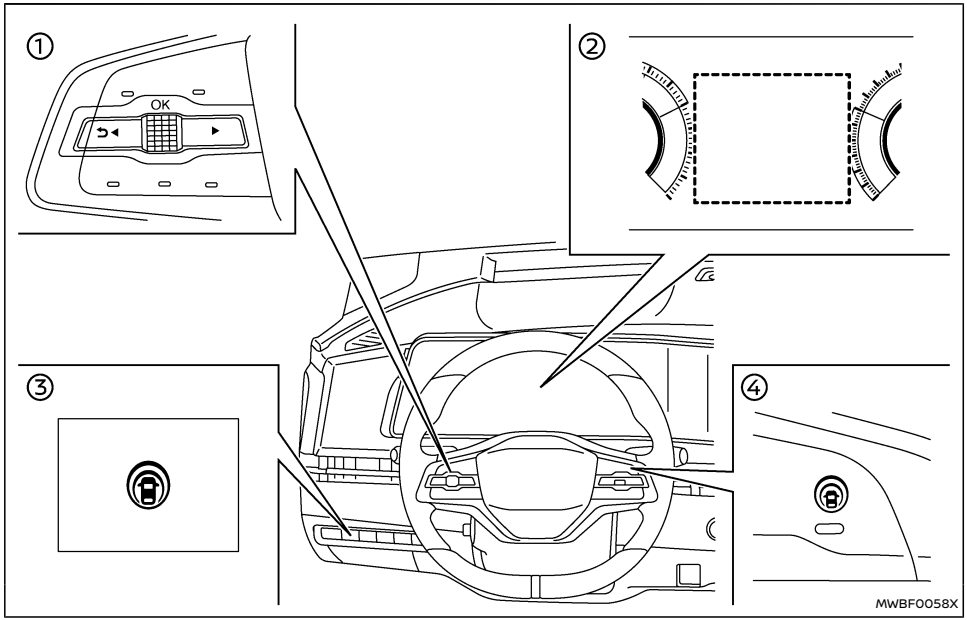
If the Intelligent Blind Spot Intervention system is ON and your vehicle approaches a lane marker while another vehicle is in the detection zone, the system chimes (three times) and the side indicator light and Intelligent Blind Spot Intervention indicator flash. The Intelligent Blind Spot Intervention system activates by applying the brakes on one side of the vehicle for a short period of time to help return the vehicle back to the centre of the driving lane. The Intelligent Blind Spot Intervention system operates regardless of turn signal usage.

To turn on the Intelligent Blind Spot Intervention system, push the ProPILOT switch on the steering wheel (where fitted) or the dynamic driver assistance switch on the driver's side instrument panel (where fitted) after starting the electric vehicle system. The Intelligent Blind Spot Intervention ON indicator on the vehicle information display will illuminate. Push the ProPILOT switch (where fitted) or the dynamic driver assistance switch (where fitted) again to turn off the Intelligent Blind Spot Intervention system.

NOTE:

- **Intelligent Blind Spot Intervention warning and system application will only be activated if the side indicator light is already illuminated when your vehicle approaches a lane marker. If another vehicle comes into the detection zone after your vehicle has crossed a lane marker, no Intelligent Blind Spot Intervention warning or system application will be activated. (For additional information, see "Intelligent Blind Spot Intervention driving situations" (P.305).)**
- **The Intelligent Blind Spot Intervention system is typically activated earlier than the Intelligent Lane Intervention system when your vehicle is approaching a lane marker.**

HOW TO ENABLE/DISABLE THE INTELLIGENT BLIND SPOT INTERVENTION SYSTEM



① Steering-wheel-mounted controls (left side)
② Vehicle information display
③ Dynamic driver assistance switch (models without ProPILOT system)
④ ProPILOT switch (models with ProPILOT 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. Select [Intervention] and push the scroll dial.
4. Push the ProPILOT switch (where fitted) or the dynamic driver assistance switch (where fitted) to turn the system on or off.

NOTE:

Turning on the ProPILOT system will turn on the Intelligent Blind Spot Intervention and Intelligent Lane Intervention systems at the same time. For additional information, see "Intelligent Lane Intervention (where fitted)" (P.282).

Turning the BSW system off will deactivate the Intelligent Blind Spot Intervention system at the same time.

INTELLIGENT BLIND SPOT INTERVENTION SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the Intelligent Blind Spot Intervention system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The Intelligent Blind Spot Intervention system cannot detect all vehicles under all conditions.**
- **The radar sensors may not be able to detect and activate Intelligent Blind Spot Intervention when certain objects are present such as:**
  - **Pedestrians, bicycles, animals.**

— Vehicles such as motorcycles, low height vehicles, or high ground clearance vehicles.

— Vehicles remaining in the detection zone when you accelerate from a stop.

— Oncoming vehicles.

— 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.
- The camera may not detect lane markers in the following situations and the Intelligent Blind Spot Intervention system may not operate properly.
  - — 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; lane markers covered with water, dirt, snow, etc.
  - — 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.
  - — On roads where the travelling lane merges or separates.
  - — When the vehicle's travelling direction does not align with the lane markers.
  - — When travelling close to the vehicle in front of you, which obstructs the lane camera unit detection range.
  - — When rain, snow or dirt adheres to the windscreen in front of a lane camera unit.
  - — When the headlights are not bright due to dirt on the lens or if aiming is not adjusted properly.
  - — When strong light enters a lane camera unit. (For example: 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.)
- Do not use the Intelligent Blind Spot Intervention system under the following conditions because the system may not function properly.
  - — During bad weather. (For example: rain, fog, snow, etc.)
  - — When driving on slippery roads, such as on ice or snow, etc.
  - — 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.
  - — When driving with a tyre that is not within normal tyre conditions (for example, tyre wear, low tyre pressure,

itire chains, non-standard wheels).

- **When the vehicle is equipped with non-original brake parts or suspension parts.**
- **When towing a trailer or other vehicle.**

- **Excessive noise (for example, audio system volume, open vehicle window) will interfere with the chime sound, and it may not be heard.**

INTELLIGENT BLIND SPOT INTERVENTION DRIVING SITUATIONS

Indicator on

Indicator off

Indicator flashing

Another vehicle approaching from behind

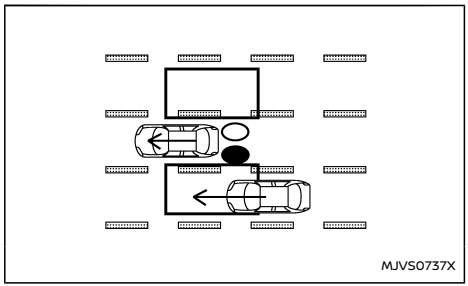


Illustration 1 – Approaching from behind

Illustration 1: The side indicator light illuminates if a vehicle enters the detection zone from behind in an adjacent lane.

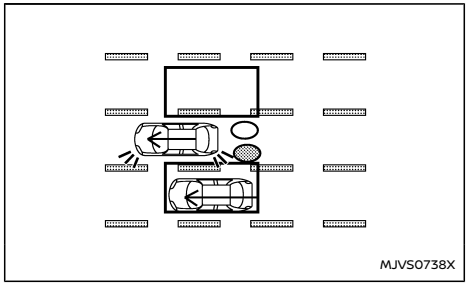


Illustration 2 – Approaching from behind

Illustration 2: If the driver activates the turn signal then the system chimes a sound (twice) and the side indicator light and Intelligent Blind Spot Intervention indicator flash.

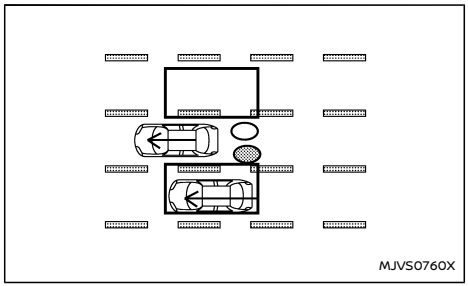


Illustration 3 – Approaching from behind

Illustration 3: If the Intelligent Blind Spot Intervention system is on and your vehicle approaches a lane marker while another vehicle is in the detection zone, the system chimes (three times) and the side indicator light and Intelligent Blind Spot Intervention indicator flash. The Intelligent Blind Spot Intervention system slightly applies the brakes on one side to help return the vehicle back to the centre of the driving lane.

NOTE:

- **The radar sensors may not detect vehicles which are approaching rapidly from behind.**

Overtaking another vehicle

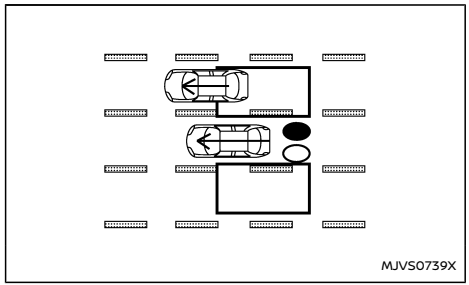


Illustration 4 – Overtaking another vehicle

Illustration 4: The side indicator light illuminates if you overtake a vehicle and that vehicle stays in the detection zone for approximately 3 seconds.

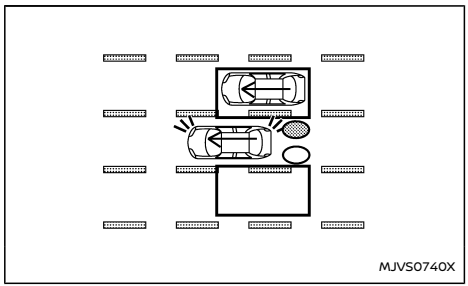


Illustration 5 - Overtaking another vehicle

Illustration 5: 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 Intelligent Blind Spot Intervention indicator flash.

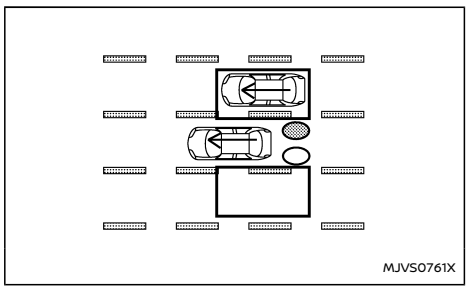


Illustration 6 - Overtaking another vehicle

Illustration 6: If the Intelligent Blind Spot Intervention system is on and your vehicle approaches a lane marker while another vehicle is in the detection zone, the system chimes (three times) and the side indicator light and Intelligent Blind Spot Intervention indicator flash. The Intelligent Blind Spot Intervention system slightly applies the brakes on one side to help return the vehicle back to the centre of the driving lane.

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.**

Entering from the side

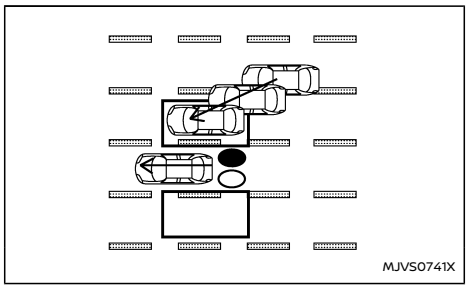


Illustration 7 - Entering from the side

Illustration 7: The side indicator light illuminates if a vehicle enters the detection zone from either side.

NOTE:

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.

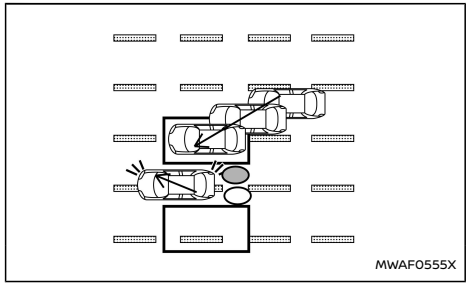


Illustration 8 - Entering from the side

Illustration 8: If the driver activates the turn signal while another vehicle is in the detection zone, then the side indicator light and Intelligent Blind Spot Intervention indicator flash and a chime will sound twice.

NOTE:

If the driver activates the turn signal before a vehicle enters the detection zone, the side indicator light and Intelligent Blind Spot Intervention indicator will flash but no chime will sound when another vehicle is detected.

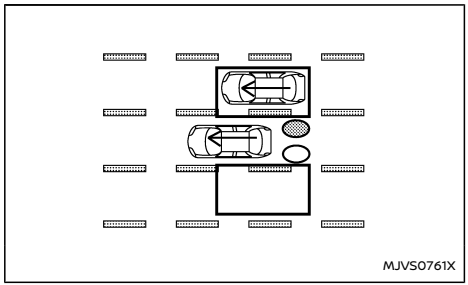


Illustration 9 - Entering from the side

Illustration 9: If the Intelligent Blind Spot Intervention system is on and your vehicle approaches the lane marker while another vehicle is in the detection zone, the system chimes (three times) and the side indicator light and Intelligent Blind Spot Intervention indicator flash. The Intelligent Blind Spot Intervention system slightly applies the brakes on one side to help return the vehicle back to the centre of the driving lane.

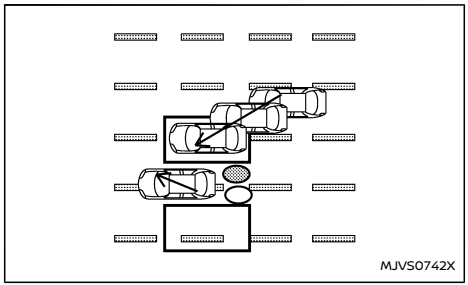


Illustration 10 - Entering from the side

Illustration 10: The Intelligent Blind Spot Intervention system will not operate if your vehicle is on a lane marker when another vehicle enters the detection zone. In this case only the BSW system operates.

NOTE:

- **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.**
- **Intelligent Blind Spot Intervention will not operate or will stop operating and only a warning chime will sound under the following conditions.**
  - **When the brake pedal is depressed.**
  - **When the vehicle is accelerated during Intelligent Blind Spot Intervention system operation**
  - **When steering quickly**
  - **When the ICC, Intelligent Forward Collision Warning or Intelligent Emergency Braking warnings sound.**
  - **When the hazard warning flashers are operated.**
  - **When driving on a curve at a high speed.**
  - **When the BSW system is turned off.**

SYSTEM TEMPORARILY UNAVAILABLE

When any of the following messages appear on the vehicle information display, a chime will sound and the Intelligent Blind Spot Intervention system will be turned off automatically.

- [Unavailable Slippery Road]:
  When the ESP system (except traction control system function) or ABS operates.
- [Currently Not Available]:
  - When the ESP system is turned off.
- [Unavailable Camera Temperature High]:
  If the vehicle is parked in direct sunlight under high temperature conditions (over approximately 40°C (104°F)).
- [Not available side radar obstructed]:
  When side radar blockage is detected.

Turn off the Intelligent Blind Spot Intervention system and turn it on again when the above conditions no longer exist.

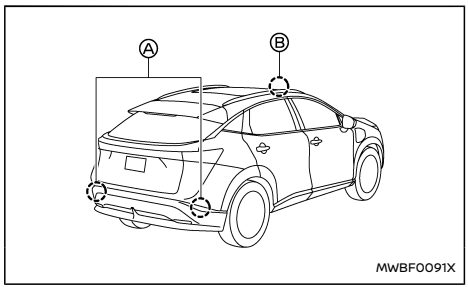
SYSTEM MALFUNCTION

When the Intelligent Blind Spot Intervention system malfunctions, it will be turned off automatically, the Intelligent Blind Spot Intervention indicator illuminates in 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, stop the vehicle in a safe location and push the park button to engage the P (Park) position. Turn the electric vehicle system off and restart the electric vehicle system. 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 two radar sensors Ⓐ for the Intelligent Blind Spot Intervention 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 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.

It is recommended you visit a NISSAN certified electric vehicle dealer if the area around the radar sensors is damaged due to a collision.

The lane camera unit Ⓑ for Intelligent Blind Spot Intervention system is located above the inside mirror. To keep the proper operation of Intelligent Blind Spot Intervention 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. It is recommended you contact a NISSAN certified electric vehicle dealer if the camera unit is damaged due to an accident.

Precautions on repairing the bumper

When repairing the bumper, take cautious because the radar sensors are installed on the bumper. For more details, see "Precautions on repairing the bumper" (P.299).

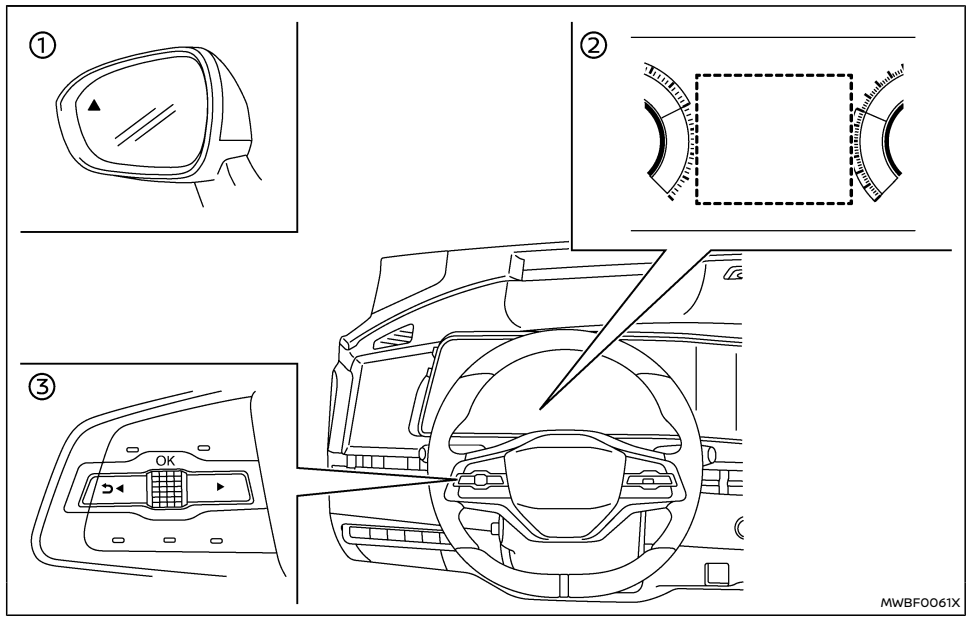
REAR CROSS TRAFFIC ALERT (RCTA)

⚠ 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 (left side)

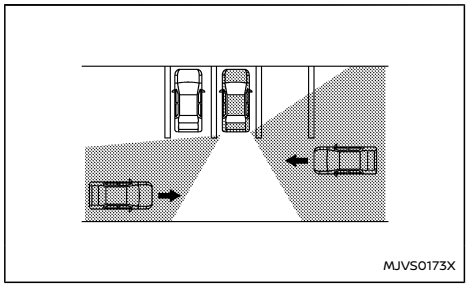
RCTA SYSTEM OPERATION

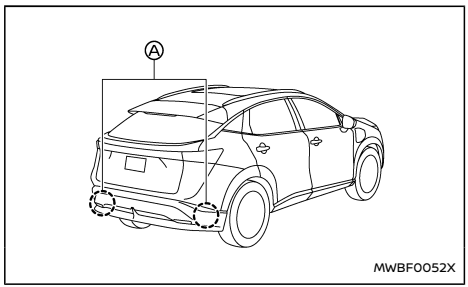
The RCTA system can help alert the driver of an approaching vehicle when the driver is backing out of a parking space.

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.


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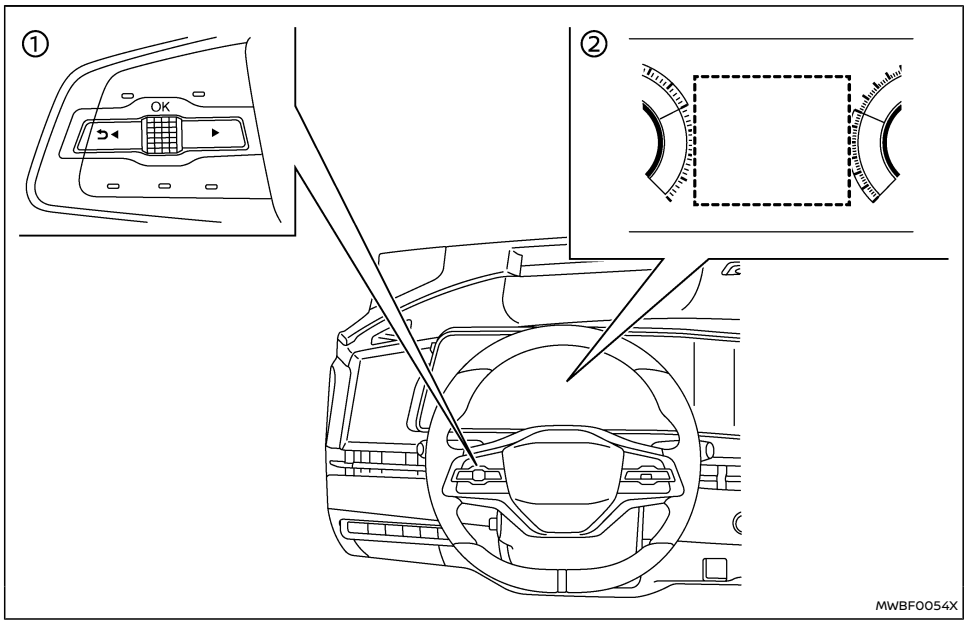


MWBF0052X

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



MWBF0054X

① Steering-wheel-mounted controls (left side)

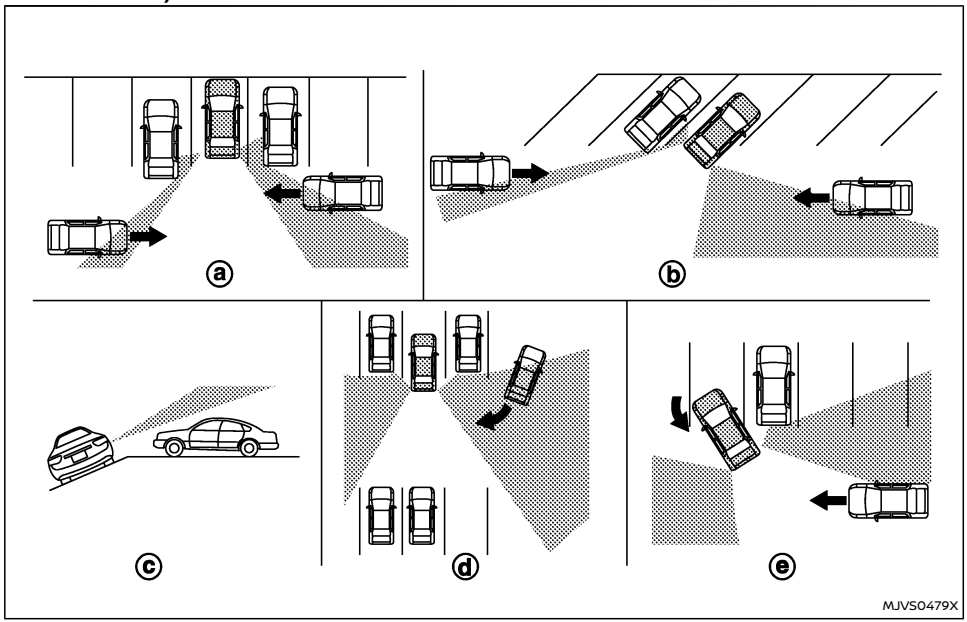
② Vehicle information display

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 electric vehicle 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.**

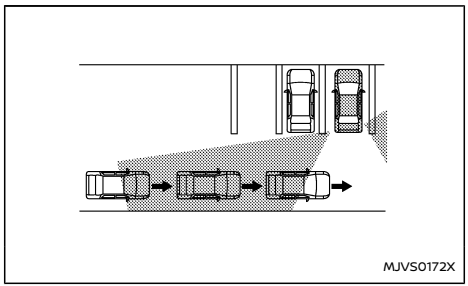


Illustration 1

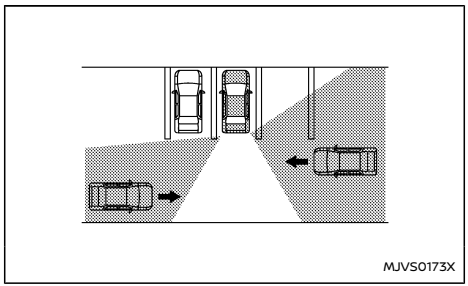


Illustration 2

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 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 and Intelligent Blind Spot Intervention (where fitted) systems 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.

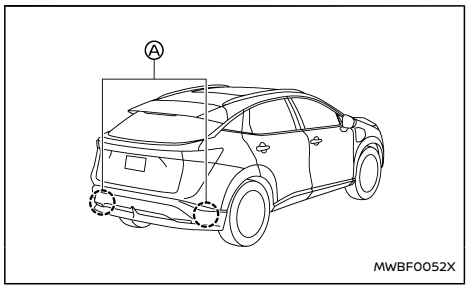
NOTE:

If the BSW system stops working, the RCTA system and Intelligent Blind Spot Intervention system (where fitted) will also stop working.

Action to take:

Stop the vehicle in a safe location, turn the electric vehicle system off and restart the electric vehicle 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 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 cautious because the radar sensors are installed on the bumper. For more details, see "Precautions on repairing the bumper" (P.299).

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

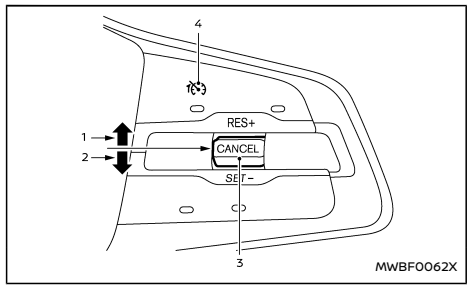
- **Always observe posted speed limits. Do not set the speed over them.**
- **Always confirm the setting status of the speed limiter on the vehicle information display.**

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.

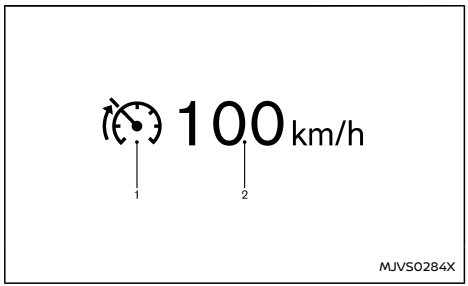
- 30 to 160 km/h (20 to 100 MPH)



The speed limiter set switches are located on the

steering wheel.

1. <RES+> switch
2. <SET-> switch
3. <CANCEL> switch
4. Speed limiter MAIN switch (When this switch is pushed, the speed limiter enters the standby mode. If the cruise control (where fitted) or the ICC system (where fitted) is on, the system will turn off and the speed limiter enters the standby mode.)



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.127).)

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 MAIN switch. The speed limiter and the set speed indicators illuminate on the vehicle information display ([LIMIT ON Press SET- to Active] message appears on the display).

Setting speed limit

1. Push the <SET-> switch.
   - 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:
   If you push the <RES+> switch and release it when there is no vehicle set speed, the vehicle will behave the same way as when the <SET-> switch is pushed.

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:

Use either of the following operations to change the speed limit.

- Push and hold the <RES+> or <SET-> switch. The set speed will increase or decrease by approximately 5 km/h or 5 MPH.
- Push, then quickly release the <RES+> or <SET-> switch. Each time you do this, the set speed will increase or decrease by approximately 1 km/h or 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.

Cancelling speed limit

To cancel the speed limiter, push the <CANCEL> switch. 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 pressing the <RES+> switch upwards ([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:

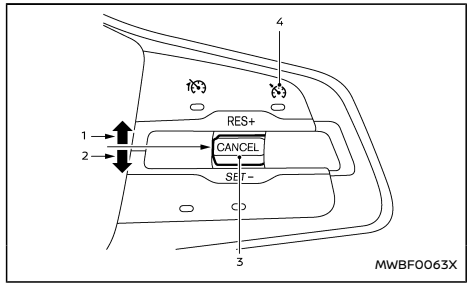
- Push the speed limiter MAIN switch. The speed limiter indicator and the set speed indicator on the vehicle information display will be turned off.
- Push the Cruise ON/OFF switch. The speed limiter information on the vehicle information display will be replaced with the cruise control information. For details see “Cruise control (where fitted)” (P.315).
- 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.



1. <RES+> switch
2. <SET-> switch
3. <CANCEL> switch
4. Cruise ON/OFF switch

For models with the ProPILOT system, see “Conventional (fixed speed) cruise control mode” (P.360).

For models with the Intelligent Cruise Control (ICC), see “Conventional (fixed speed) cruise control mode” (P.330).

⚠ WARNING

- **Always observe the posted speed limits and do not set the speed over them.**
- **Do not use the cruise control when driving under the following conditions. Doing so could cause a loss of vehicle control and result in an accident.**
  - **When it is not possible to keep the vehicle at a constant speed**

- **When driving in heavy traffic**
- **When driving in traffic that varies speed**
- **When driving in windy areas**
- **When driving on winding or hilly roads**
- **When driving on slippery (rain, snow, ice, etc.) roads**

PRECAUTIONS ON CRUISE CONTROL

- If the cruise control system malfunctions, it will cancel automatically. The cruise indicator in the vehicle information display will then blink to warn the driver.
- If the cruise indicator blinks and [Not Available Cruise System Fault] message appears in the display, turn the Cruise ON/OFF switch off and have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.
- The cruise indicator may blink when the Cruise ON/OFF switch is turned ON while pushing up the <RES+>, pushing down the <SET->, or pushing the <CANCEL> switch. To properly set the cruise control system, perform the following procedures.

CRUISE CONTROL OPERATIONS

The cruise control allows driving at speeds above 30 km/h (20 MPH) without keeping your foot on the accelerator pedal.

The cruise control will automatically be cancelled if the vehicle slows down more than approximately 13 km/h (8 MPH) below the vehicle set speed. ([Not Available Speed Too High/Low] message appears in the display.)

Moving the shift lever to the N (Neutral) position will cancel the cruise control.

Turning on cruise control

Push the Cruise ON/OFF switch. The cruise indicator and [CRUISE ON Press SET- to Active] message will appear in the vehicle information display.

Setting cruising speed

1. Accelerate to the desired speed.
2. Push the <SET-> switch down or <RES+> switch up and release it.
3. Take your foot off the accelerator pedal.

The vehicle will maintain the set speed. ([+ /- Change Set Speed] message appears in the display.)

NOTE:

If pushed the <RES+> switch and released it when there is no vehicle set speed, the set speed is set to the current vehicle speed.

Passing another vehicle:

Depress the accelerator pedal to accelerate. After releasing the accelerator 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. In such cases, drive without the cruise control.

Resetting to slower speed:

Use any one of the following methods to reset to a slower speed.

- Lightly tap the footbrake pedal. When the vehicle reaches the desired speed, push down and release the <SET-> switch.
- Push down and hold the <SET-> switch. This will reduce the vehicle speed by about 5 km/h or 5 MPH. When the vehicle reaches the desired speed, release the <SET-> switch.
- Quickly push down and release the <SET-> switch. This will reduce the vehicle speed by about 1 km/h or 1 MPH.

Resetting to faster speed:

Use any one of the following methods to reset to a faster speed.

- Depress the accelerator pedal. When the vehicle reaches the desired speed, push down and release the <SET-> switch.
- Push up and hold the <RES+> switch. This will increase the vehicle speed by about 5 km/h or 5 MPH. When the vehicle reaches the desired speed, release the <RES+> switch.
- Quickly push up and release the <RES+> switch. This will increase the vehicle speed by

about 1 km/h or 1 MPH.

Resuming at preset speed:

Push up and release the <RES+> switch.

The vehicle will resume the last set cruising speed when the vehicle speed is over 30 km/h (20 MPH). ([Resumed] message appears in the display.)

Cancelling cruising speed

Use any one of the following methods to cancel the vehicle set speed. ([Standby Press RES+ to Resume] message appears in the display.)

- Push the <CANCEL> switch.
- Tap the footbrake pedal.
- Push the Cruise ON/OFF switch. The cruise indicator will turn off.

For models with the ProPILOT system, see "Intelligent Cruise Control (ICC)" (P.343).

⚠ 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.**

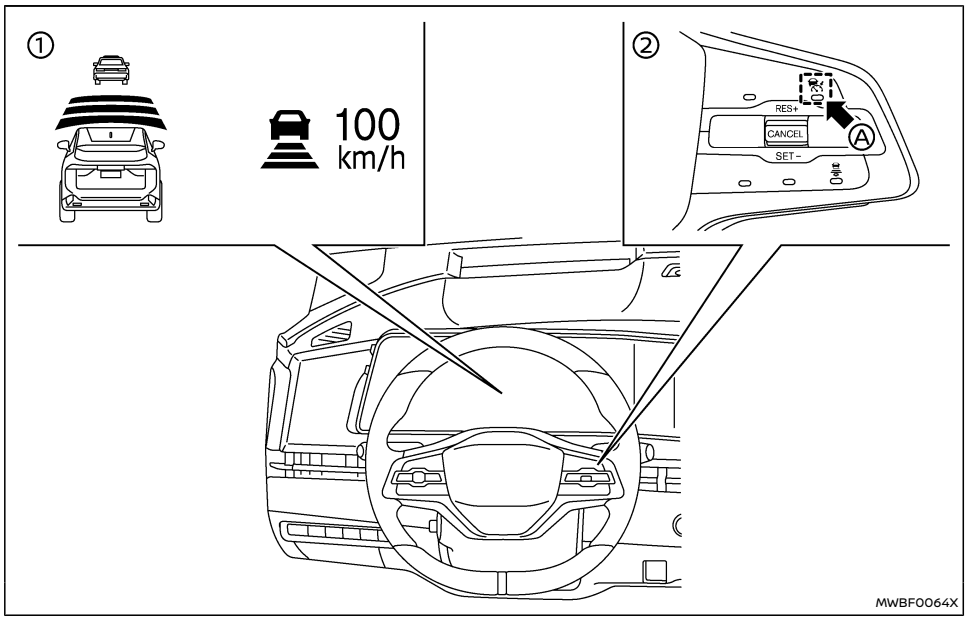
The ICC system will maintain a constant set speed or keep a set distance from the vehicle in front of you up to the preset speed.

The vehicle travels at a set speed when the road ahead is clear.

The ICC system can be set to one of two cruise control modes.

- Vehicle-to-vehicle distance control mode:
  For maintaining a selected distance between your vehicle and the vehicle in front of you up to the preset speed.
- Conventional (fixed speed) cruise control mode:
  For cruising at a preset speed.

The ICC system cannot be operated when the speed limiter is on. (See "Speed limiter" (P.313).)



① Displays and indicators

② ICC switches

Ⓐ Cruise ON/OFF switch

Push the Cruise ON/OFF switch Ⓐ to choose the cruise control mode between the vehicle-to-vehicle distance control mode and the conventional (fixed speed) cruise control mode.

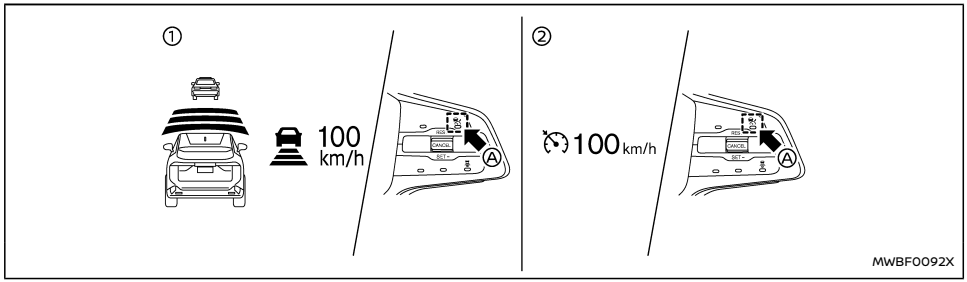
Once a control mode is activated, it cannot be changed to the other cruise control mode. To change the mode, push the Cruise ON/OFF switch Ⓐ once to turn the system off. Then push the Cruise ON/OFF switch Ⓐ again to turn the system back on and select the desired cruise control mode.

Always confirm the setting in the ICC system display.

For the vehicle-to-vehicle distance control mode, see "Vehicle-to-vehicle distance control mode" (P.319).

For the conventional (fixed speed) cruise control mode, see "Conventional (fixed speed) cruise control mode" (P.330).

HOW TO SELECT THE CRUISE CONTROL MODE



Selecting the vehicle-to-vehicle distance control mode

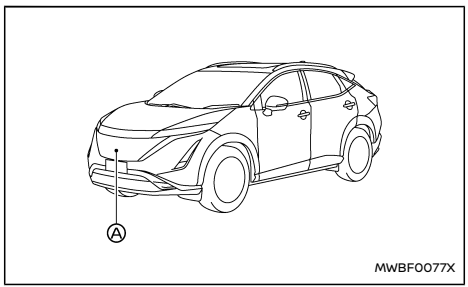
To choose the vehicle-to-vehicle distance control mode ①, quickly push and release the Cruise ON/OFF switch Ⓐ.

Selecting the conventional (fixed speed) CRUISE CONTROL MODE

To choose the conventional (fixed speed) cruise control mode ②, push and hold the Cruise ON/OFF switch Ⓐ for longer than approximately 1.5 seconds. See "Conventional (fixed speed) cruise control mode" (P.330).

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.

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.

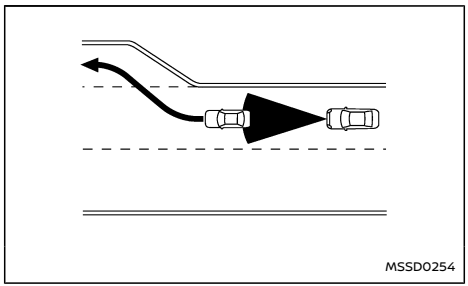
The system will cancel and a warning chime will sound if the speed is below approximately 25 km/h (15 MPH) and a vehicle is not detected ahead.

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 the following speed.
  — 30 and 160 km/h (20 and 100 MPH)
- 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 30 km/h (20 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.

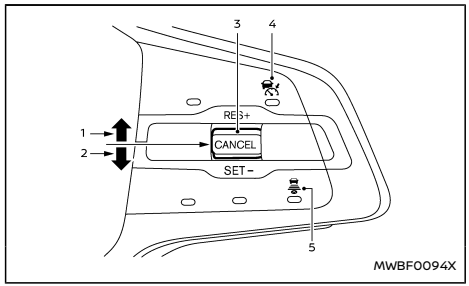


When driving on the freeway at a set speed and approaching a slower travelling vehicle ahead, the ICC system will adjust the speed to maintain the distance, selected by the driver, from the vehicle ahead. If the vehicle ahead changes lanes or exits the freeway, the ICC system will accelerate and maintain 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:

   Resumes set speed or increases speed incrementally.

2. <SET-> switch:

   Sets desired cruise speed, reduces speed incrementally.

3. <CANCEL> switch:

   Deactivates the system without erasing the set speed.

4. Cruise ON/OFF switch:

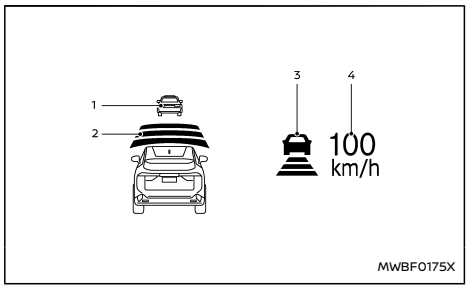
   Master switch to activate the system

5. 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.

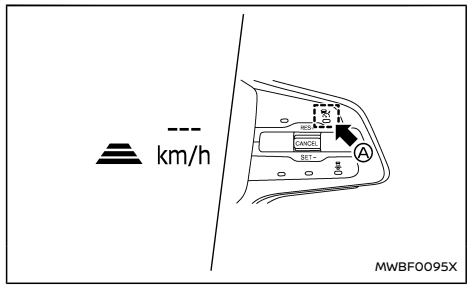
4. Set vehicle speed indicator:

   Indicates the set vehicle speed.

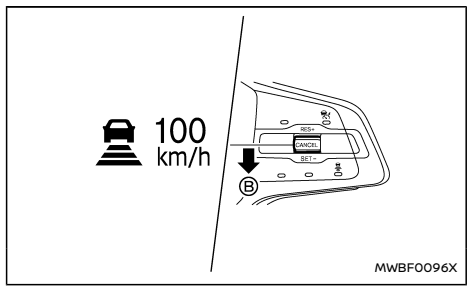
   - Green: ICC active
   - Grey: ICC standby

   (The speed unit can be converted between [km/h] and [MPH]. See "Unit/Language" (P.127).)

Operating vehicle-to-vehicle distance control mode



To turn on the cruise control, quickly push and release the Cruise ON/OFF switch Ⓐ. The ICC system ON indicator (grey), set distance indicator and set vehicle speed indicator come on and in a standby state for setting.



To set cruising speed, accelerate your vehicle to

the desired speed, push the <SET-> switch Ⓑ 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-> switch Ⓑ 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 30 km/h (20 MPH) and the vehicle ahead is not detected
- When the shift lever is not in the D (Drive) or B position
- When the parking brake is applied
- When the brakes are operated by the driver

When the <SET-> switch Ⓑ is pushed under the following conditions, the system cannot be set and a message will pop up.

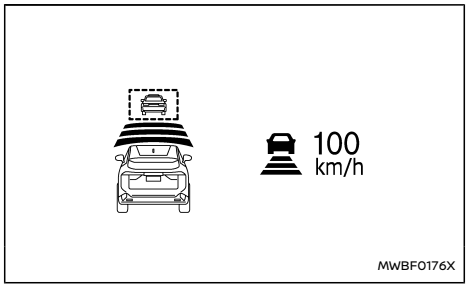
- When the ESP system is off (To use the ICC system, turn on the ESP system. Push the Cruise ON/OFF switch to turn off the ICC system and reset the ICC system by pushing the Cruise ON/OFF switch again.)

  For additional information about the ESP system, see "Electronic Stability Programme (ESP) system" (P.391).
- 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:



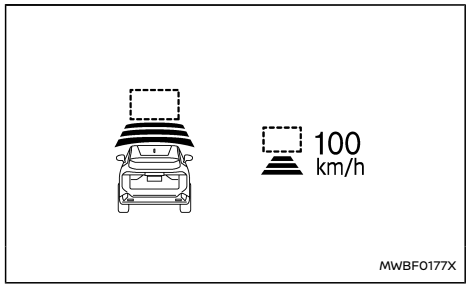
When a vehicle is detected in the lane ahead, the ICC system decelerates the vehicle by controlling the throttle and applying the brakes to match the speed of a slower vehicle ahead. The system then controls the vehicle speed based on the speed of the vehicle ahead to maintain the driver selected distance.

NOTE:

- **The stop 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:



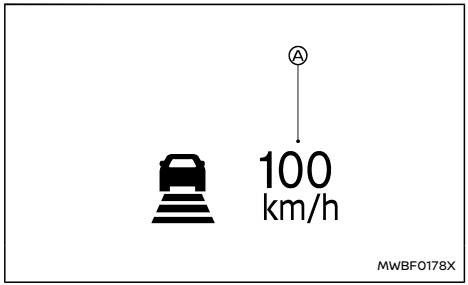
When a vehicle is no longer detected ahead, the ICC system gradually accelerates your vehicle to resume the previously set vehicle speed. The ICC system then maintains the set speed.

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 25 km/h (15 MPH), the system will be cancelled.

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:

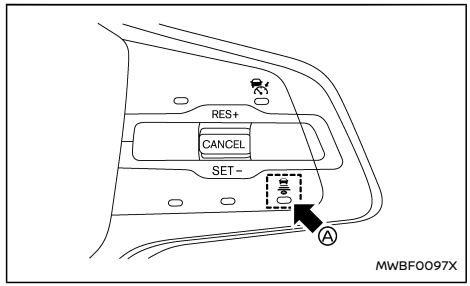
- Depress the accelerator pedal. When the vehicle attains the desired speed, push and release the <SET-> switch.
- Push and hold the <RES+> switch. The set vehicle speed will increase in increments of 10 km/h or 5 MPH.
- Push, then quickly release the <RES+> switch. Each time you do this, the set speed will increase 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 and release it.
- Push and hold the <SET-> switch. The set vehicle speed will decrease in increments of 10 km/h or 5 MPH.
- Push, then quickly release the <SET-> switch. Each time you do this, the set speed will decrease by approximately 1 km/h (1 MPH).

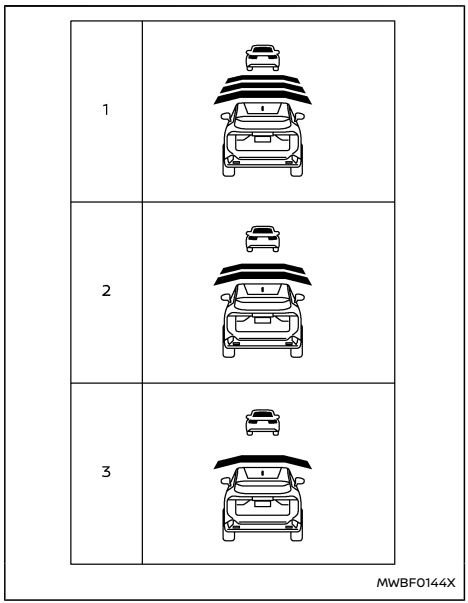
To resume the preset speed, push and release the <RES+> switch. The vehicle will resume the last set cruising speed when the vehicle speed is over 30km/h (20 MPH).

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 electric vehicle 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.**

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. The driver must manually control the vehicle speed.**

  Below are some examples:

  — When the Traffic Sign Recognition (TSR) system is not functioning properly or turned off. (See "Traffic Sign Recognition (TSR)" (P.275).)

  — When driving in an area with nearby parallel roads (for example, freeway 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.

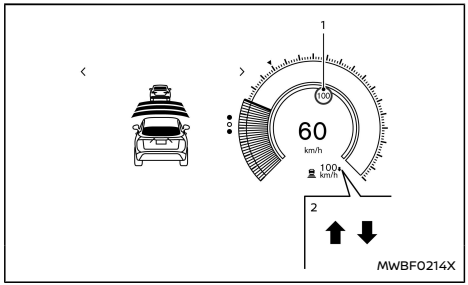
The Speed Limit Link operates:

- When the detected speed limit is 30 km/h (20 MPH) and above.
- The [Speed Limit Link] is enabled in the settings menu of the vehicle information display.

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.275).

   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.

   " ⬆ " : Manual mode is activated and a new speed limit (faster speed value) is indicated.

   " ⬇ " : Manual mode is activated and a new speed limit (lower speed value) is indicated.

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, operate the <RES+> switch (in case of speed limit up) or <SET-> switch (in case of speed limit down).
- The Speed Limit Link indicator (⬆ or ⬇) will turn off after approximately 15 seconds if the <RES+> or <SET-> switch is not operated. (The Speed Limit Link indicator can be turned off immediately by operating the opposite switch from the direction indicated by the Speed Limit Link indicator.)

The system will not activate if a speed limit change is not detected.

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 electric vehicle 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 electric vehicle system is restarted.

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 shift lever is not in the D (Drive) position or B position
- When the parking brake is applied
- When the ESP system is turned off
- When ESP (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

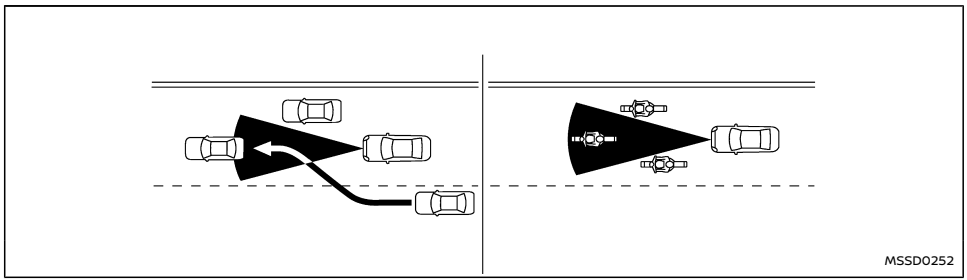
The sensor generally detects the signals returned from the vehicle ahead. Therefore, if the sensor cannot detect the reflection from the vehicle ahead, the ICC system may not maintain the selected distance.

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.

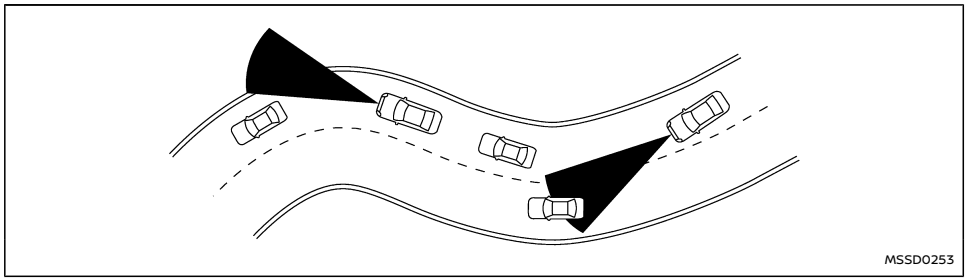
The ICC system is designed to automatically check the sensor's operation within the limitation of the system. When the sensor is covered with dirt or is

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 is turned off
- When the ESP (including the traction control system) operates
- When a 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 a standstill
- When the shift lever is not in the D (Drive) or B position
- 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 electric vehicle system off. When the radar signal is temporarily interrupted, clean the sensor area and restart the electric vehicle 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.

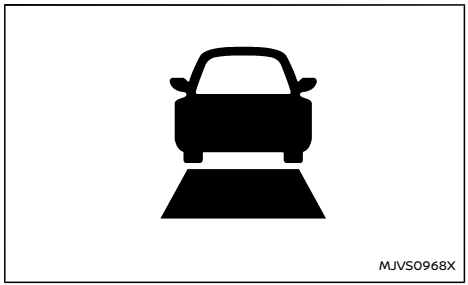
- When driving on roads with limited road structures or buildings (for example, long bridges, deserts, snow fields, driving next to long walls), the system may display the [Temporarily Disabled Front Radar Blocked] warning message in the vehicle information display.

Action to take:

When the conditions listed above are no longer present, turn the ICC system back on to use the

system.

System malfunction



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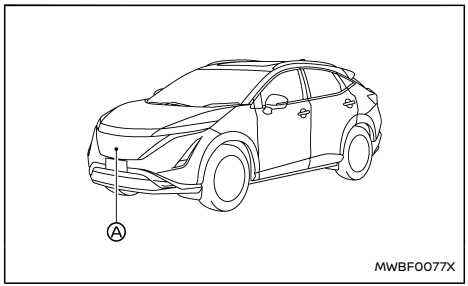
When the ICC system is not operating properly, the chime sounds and the ICC system warning (yellow) and the [System fault See Owner's Manual] warning message will appear.

Action to take:

If the warning appears, park the vehicle in a safe place. Turn the electric vehicle system off, restart the electric vehicle 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



MWBF0077X

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 cover or attach stickers or similar objects 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.

For the radio approval numbers and information, see "Radio approval number and information" (P.473).

CONVENTIONAL (fixed speed) CRUISE CONTROL MODE

This mode allows driving at speeds:

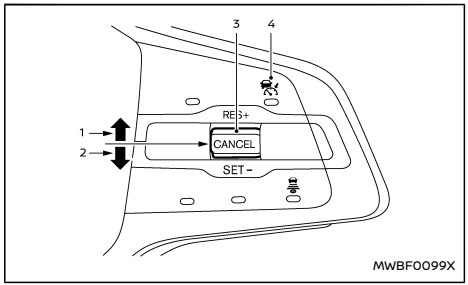
- between 30 km/h to 160 km/h (20 to 100 MPH) without keeping your foot on the accelerator pedal

⚠ 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:

   Resumes set speed or increases speed incrementally.

2. <SET-> switch:

   Sets the desired cruise speed, reduces speed incrementally.

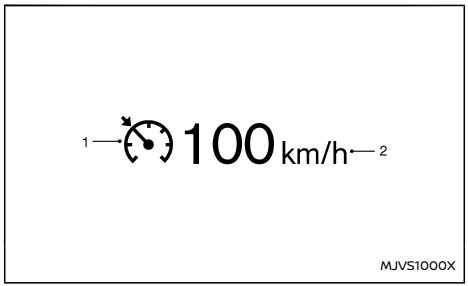
3. <CANCEL> switch:

   Deactivates the system without erasing the set speed.

4. Cruise ON/OFF switch:

   Main switch to activate or deactivate the system.

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.

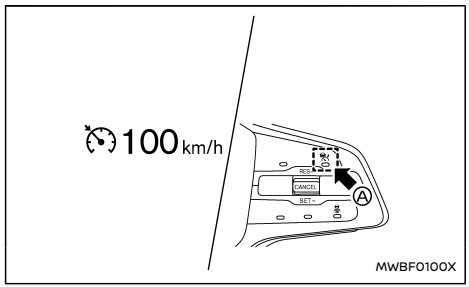
2. Set vehicle speed indicator:

   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.127).)

Operating conventional (fixed speed) CRUISE CONTROL MODE



To turn on the conventional (fixed speed) cruise control mode, push and hold the Cruise ON/OFF switch Ⓐ for longer than about 1.5 seconds.

When pushing the Cruise ON/OFF switch on, the conventional (fixed speed) cruise control mode display and indicators are displayed in the vehicle information display. After you hold the Cruise ON/OFF switch on for longer than about 1.5 seconds, the ICC system display goes out. The cruise indicator appears. You can now set your desired cruising speed. Pushing the Cruise ON/OFF switch

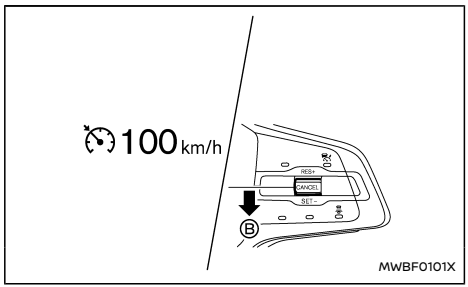
again will turn the system completely off.

When the power switch is placed in the OFF position, the system is also automatically turned off.

To use the ICC system again, quickly push and release the Cruise ON/OFF switch (vehicle-to-vehicle distance control mode) or push and hold it (conventional cruise control mode) again to turn it on.

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 Ⓑ and release it. (The colour of the cruise indicator changes to green and set vehicle 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 speed, use any of the following methods:

- Push the CANCEL switch. The vehicle speed indicator and the cruise indicator will turn grey.
- Tap the brake pedal. The vehicle speed indicator and the cruise indicator will turn grey.
- Turn the Cruise ON/OFF switch off. Both the cruise indicator and set vehicle speed indicator will turn off.

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 and hold the <RES+> switch. When the vehicle attains the desired speed, release the switch.
- Push, then quickly release the <RES+> switch. Each time you do this, the set speed will increase by about 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 and release it.
- Push and hold the <SET-> switch. Release the switch when the vehicle slows down to the desired speed.
- Push, then quickly release the <SET-> switch. Each time you do this, the set speed will decrease by about 1 km/h (1 MPH).

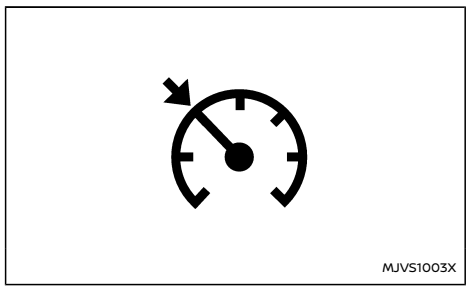
To resume the preset speed, push and release the <RES+> switch. The vehicle will resume the last set cruising speed when the vehicle speed is over 30 km/h (20 MPH).

System temporarily unavailable

A chime sounds under the following conditions and the control is automatically cancelled.

- When the shift lever is not in the D (Drive) or B 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:

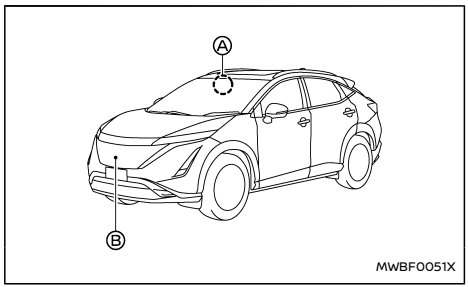
If the colour of the cruise indicator changes to yellow, park the vehicle in a safe place. Turn the electric vehicle system off, restart the electric vehicle system, resume driving and then perform the setting again.

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.

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the ProPILOT system could result in serious injury or death.

- **ProPILOT 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 system is not a replacement for proper driving procedures and is not designed to correct careless, inattentive or absent-minded driving. ProPILOT will not always steer the vehicle to keep it in the lane. The ProPILOT 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 system capability. The ProPILOT 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 system is only an aid to assist the driver and is not a collision warning or avoidance device.**
- **The ProPILOT 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. Doing so automatically cancels the ProPILOT system.**
- **The ProPILOT system does not react when approaching stationary or slow moving vehicles.**
- **Always drive carefully and attentively when using the ProPILOT system. Read and understand the Owner's Manual thoroughly before using the ProPILOT 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 system except in appropriate road and traffic conditions.**

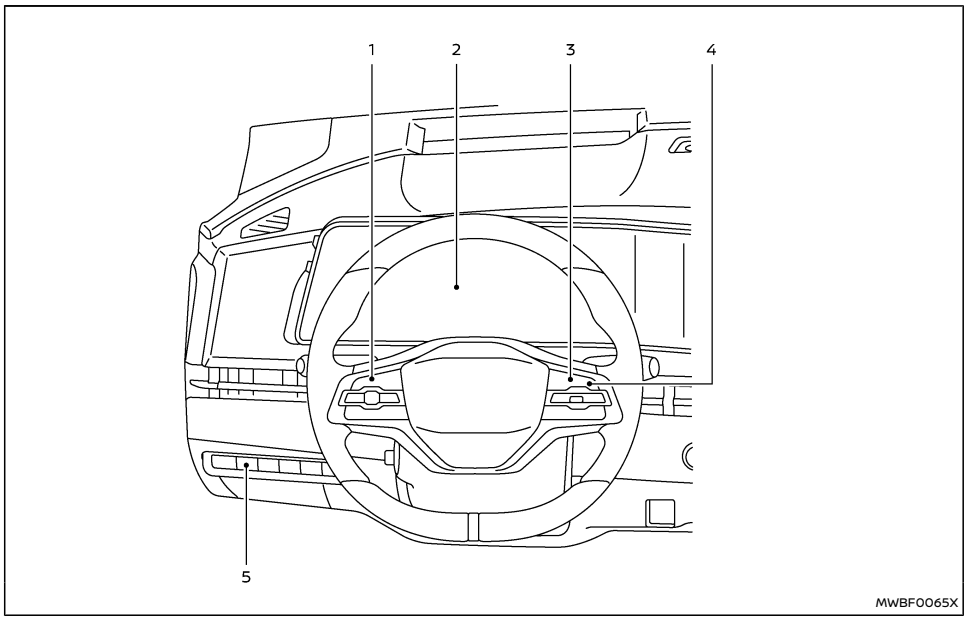


The ProPILOT system is intended to enhance the operation of the vehicle when following a vehicle travelling in the same lane and direction.

The ProPILOT 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 in the same lane. 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 centered in the travelling lane when clear lane markings are detected.

NOTE:

It is important to ensure the front camera and radar sensors are clear at all times. (See "ICC sensor maintenance" (P.355) and "Steering Assist maintenance" (P.360) for more details.)



① Steering-wheel-mounted control (left)
② Vehicle information display
③ Steering-wheel-mounted control (right)
④ ProPILOT switch
⑤ Steering Assist switch

PROPILOT SYSTEM OPERATION

The ProPILOT system has the following two functions:

1. Intelligent Cruise Control (ICC)

The ICC system can be set to one of two cruise control modes:

- Conventional (fixed speed) cruise control mode:

  For cruising at a preset vehicle speed

For additional information, see "Turning the conventional (fixed speed) cruise control mode ON" (P.338).

NOTE:

Steering Assist is not available in the conventional (fixed speed) cruise control mode.

- Vehicle-to-vehicle distance control mode:

  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 30 km/h (20 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 electronic parking brake will be applied.
- When the vehicle ahead begins to move forward, push up the RES+ switch 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.
- When stationary and no vehicle is detected ahead, the ICC system will not function. The accelerator pedal should be used to control the vehicle speed.

NOTE:

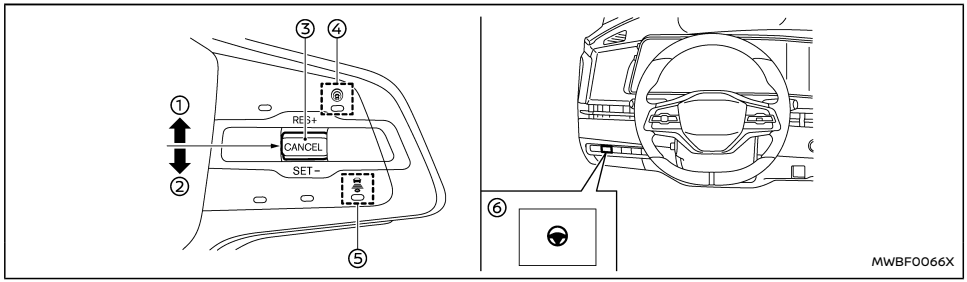
Even if the Intelligent Emergency Braking setting is turned off by the driver using the [Settings] menu in the vehicle information display, the Intelligent Emergency Braking with Pedestrian Detection system will be automatically turned on when the ICC is used.

2. Steering Assist

The Steering Assist function helps the driver to keep the vehicle centered within the travelling lane.

When there is no vehicle ahead, Steering Assist is not available at speeds under 60 km/h (37 MPH).

PROPILOT SWITCHES



1. <RES+> switch:

   Resumes vehicle set speed or increases speed incrementally
2. <SET-> switch:

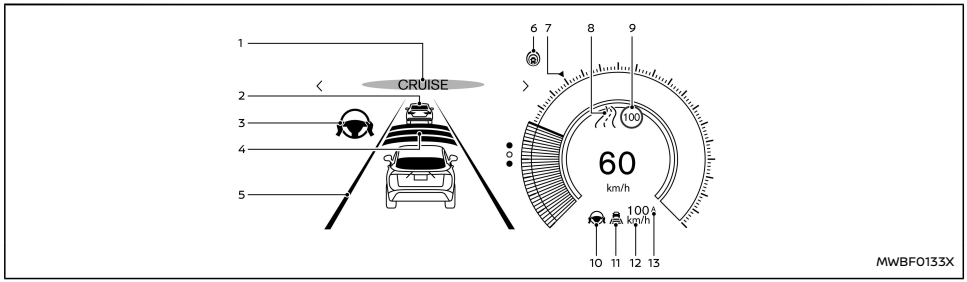
   Sets desired cruise speed or reduces speed incrementally
3. <CANCEL> switch:

   Deactivates the ProPILOT system without erasing the set speed
4. ProPILOT switch:

   Turns the ProPILOT system on or off
5. DISTANCE switch:
   - [Far]
   - [Middle]
   - [Near]
6. Steering Assist switch:

   Turns the Steering Assist function on or off

PROPILOT SYSTEM DISPLAY AND INDICATORS



1. **ProPILOT activation**

   Displays once the ProPILOT system is activated

2. **Vehicle ahead detection indicator**

   Displays whether the system detects a vehicle in front of you (only when ICC is active)

3. **Steering Assist indicator**

   Indicates the status of the Steering Assist function by the colour of the indicator

   - Steering Assist indicator (grey): Steering Assist standby
   - Steering Assist indicator (green): Steering Assist active

4. **Set distance indicator**

   Displays the selected distance

5. **Lane marker indicator**

   Indicates whether the system detects lane markers

   - No lane markers displayed: Steering Assist is turned off
   - Lane marker indicator (grey): No lane markers detected
   - Lane marker indicator (green): Lane markers detected, Steering Assist is active
   - Lane marker indicator (yellow): Lane departure is detected

6. **ProPILOT status indicator** ( )

   Indicates the status of the ProPILOT system by the colour of the indicator

   - ProPILOT status indicator (white): ProPILOT is on but in standby
   - ProPILOT status indicator (blue): ProPILOT active

7. **Target speed indicator**

   Indicates the target vehicle speed

   - White triangle: Cruise control or speed limiter target speed
   - Green triangle: ICC target speed

8. **Road information indicator (where fitted)** (, ,)

   Indicates the detected road information

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

For the lane marker indicator, see "Steering Assist display and indicators" (P.357).

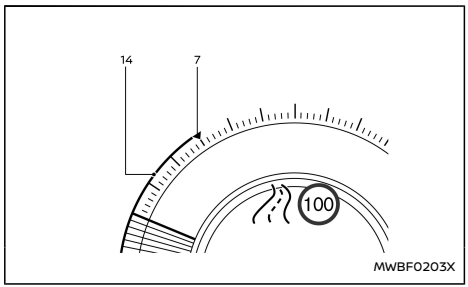
12. **Vehicle set speed indicator**

    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.127).)

13. **Speed Limit Link indicator (where fitted)** (**A**, ⬆ , ⬇ / ⬆ , ⬇)

    Indicates the Speed Limit Link activation mode or system operation



14. **Green line**

    Indicates a gap between the current speed and the ICC target speed

NOTE:

- **Some of the items listed above are only available in classic view, shown in the illustration above. (See "Changing the meter screen view" (P.106).)**
- **When the ProPILOT system is activated, the display will automatically be switched to the ProPILOT system display. To disable this function, turn [AUTO Cruise Display] off under [Display Settings] of the settings menu.**

The ProPILOT display is also shown in the Head Up Display (HUD) (where fitted). (See "Head Up Display (HUD) (where fitted)" (P.144).)

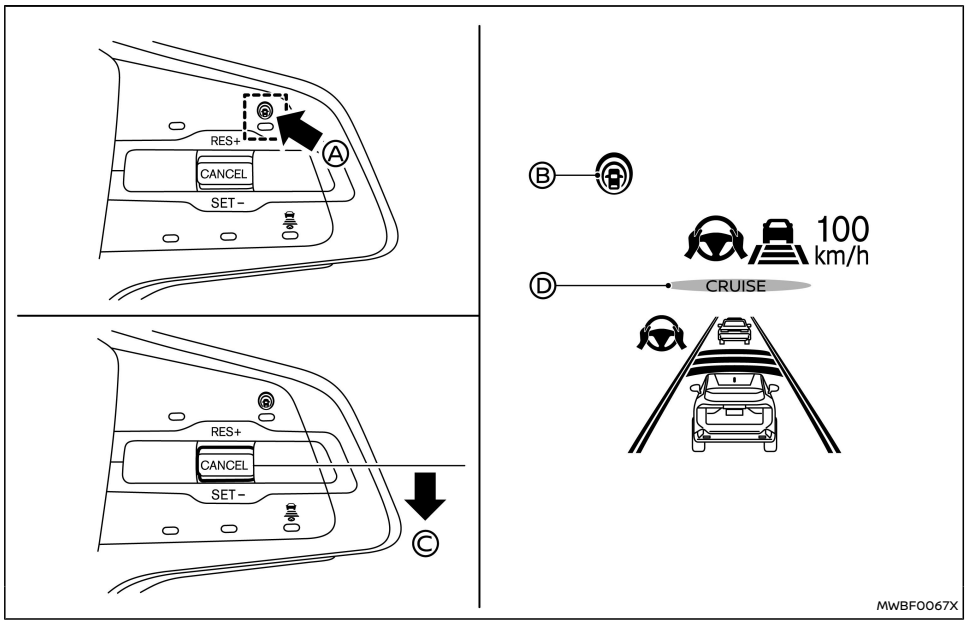
TURNING THE CONVENTIONAL (fixed speed) CRUISE CONTROL MODE ON

NOTE:

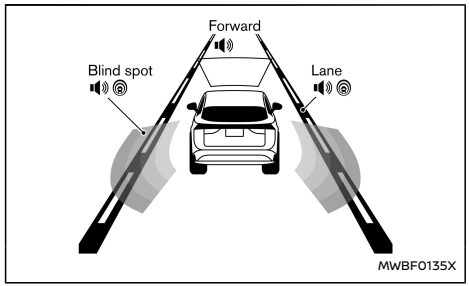
ProPILOT provides no approach warnings, automatic braking, or Steering Assist in the conventional (fixed speed) cruise control mode.

To choose the conventional (fixed speed) cruise control mode, push and hold the ProPILOT switch for longer than approximately 1.5 seconds. For additional information, see "Conventional (fixed speed) cruise control mode" (P.360).

OPERATING PROPILOT



1. Push the ProPILOT switch Ⓐ. This turns on the ProPILOT system.
   - The ProPILOT status indicator Ⓑ illuminates in white.
   - A screen is displayed for a period of time that indicates the status of the Driving Aid functions.



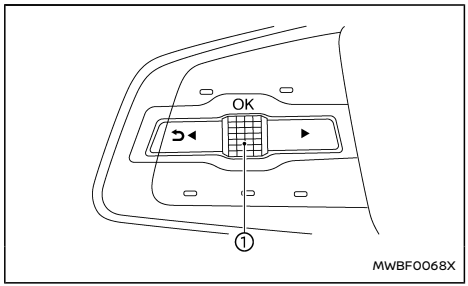
Example (all enabled)

When the Driving Aids are enabled:

Zone	Driving Aid
[Forward]	Intelligent Emergency Braking with Pedestrian Detection
	Intelligent Forward Collision Warning
[Lane]	Lane Departure Warning (LDW)
	Intelligent Lane Intervention
[Blind Spot]	Blind Spot Warning (BSW)
	Intelligent Blind Spot Intervention (where fitted)

- 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.



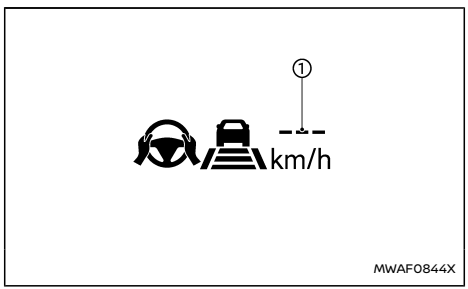
To change the status of the Driving Aids, use the scroll dial ① to navigate the settings screen. For additional information, see "How to use the vehicle information display" (P.120).

2. Accelerate or decelerate your vehicle to the desired speed and push down the <SET-> switch Ⓒ.

   The ProPILOT system begins to automatically maintain the vehicle set speed. The ProPILOT activation indicator Ⓓ and ProPILOT status indicator Ⓑ illuminate in blue. When a vehicle ahead is detected and travelling at a speed of 30 km/h (20 MPH) or below and the <SET-> switch is pushed down, the vehicle set speed is 30 km/h (20 MPH).

NOTE:

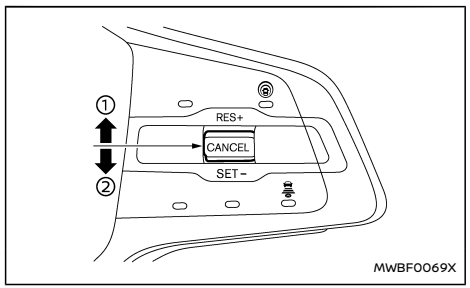
When the Intelligent Lane Intervention system and the Intelligent Emergency Braking with Pedestrian Detection system are enabled in the settings menu of the vehicle information display, turning the ProPILOT system on will turn on these systems at the same time. If the Intelligent Lane Intervention system and the Intelligent Emergency Braking with Pedestrian Detection 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 "Intelligent Lane Intervention (where fitted)" (P.282), "Intelligent Lane Intervention" (P.358) and "Intelligent Emergency Braking with Pedestrian Detection" (P.363).



When the <SET-> switch is pushed down under the following conditions, the ProPILOT system cannot be set and the vehicle set speed indicator ① blinks for approximately 2 seconds:

- When travelling below 30 km/h (20 MPH) and a vehicle ahead is not detected
- When the shift lever is moved out of the D (Drive) position or B position.
- When the parking brake is applied
- When the brakes are operated by the driver
- When ProPILOT Park (where fitted) is activated
- When the ESP system is off. For additional information, see "Electronic Stability Programme (ESP) system" (P.391).
- 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. The vehicle set speed increases in increments of 10 km/h or 5 MPH.
- Push up, then quickly release the <RES+> switch ①. Each time you do this, the vehicle set speed increases by 1 km/h (1 MPH).

To change to a slower cruising speed:

- Push down and hold the <SET-> switch ②. The vehicle set speed decreases in increments of 10 km/h or 5 MPH.
- Push down, then quickly release the <SET-> switch ②. Each time you do this, the vehicle set speed decreases 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.
- Depress the brake pedal when deceleration is required. Control by the ProPILOT system is cancelled. Push up the <RES+> switch to resume the previously set vehicle speed.

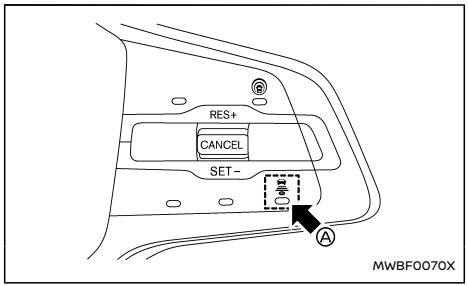
⚠ WARNING

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.

NOTE:

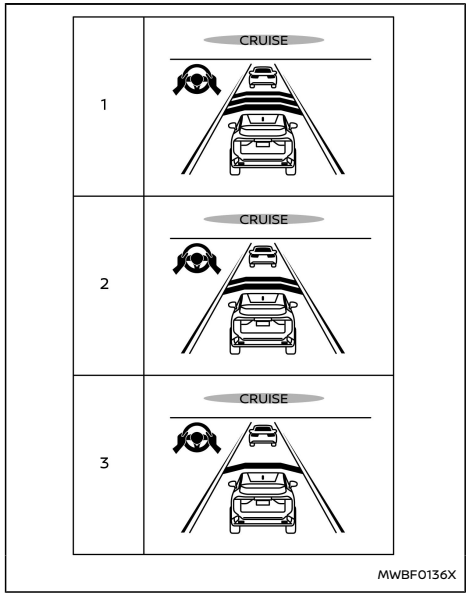
When you accelerate by depressing the accelerator pedal or decelerate by pushing down the <SET-> switch and the vehicle travels faster than the speed set by the driver, the vehicle set speed indicator will blink.

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 (90 ft)

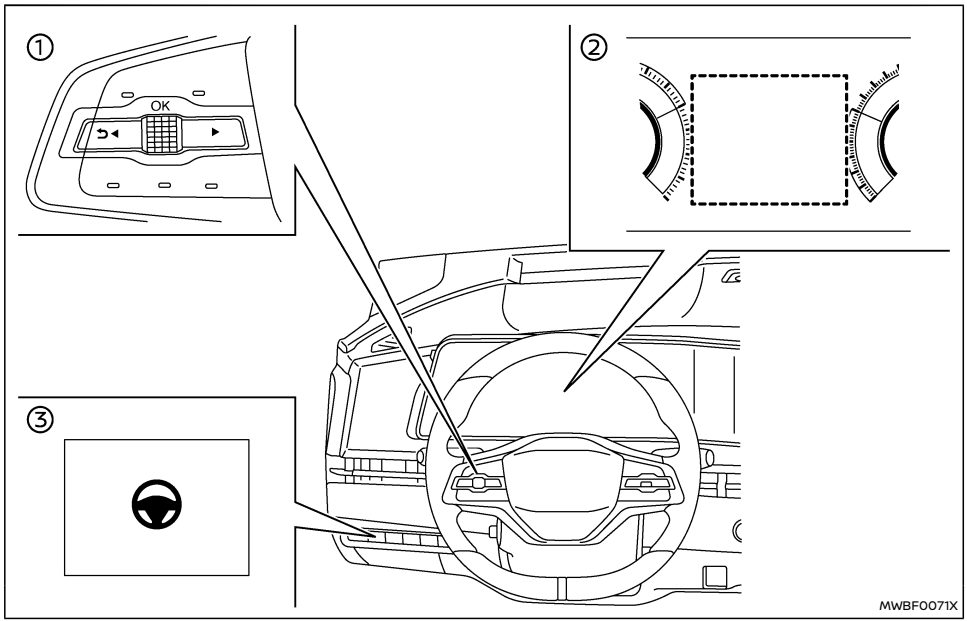
- The actual distance to the vehicle ahead adjusts automatically according to the vehicle speed. The higher the vehicle speed, the longer

the distance.

- The distance setting will remain at the current setting even if the electric vehicle system is restarted.

HOW TO ENABLE/DISABLE THE STEERING ASSIST

Use the following methods to enable or disable the Steering Assist.



① Steering-wheel-mounted control (left)
② Vehicle information display
③ Steering Assist switch

Steering Assist switch:

To turn the Steering Assist on or off, push the Steering Assist switch ③ on the instrument panel.

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.**

Setting in the vehicle information display:

1. Push the ◀ ▶ button on the steering wheel ① until [Settings] appears in the vehicle information display ② 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]. Then push the scroll dial.
4. Select [Steering Assist] and push the scroll dial to turn the system on or off.

NOTE:

- **When the ProPILOT 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 electric vehicle system is restarted.**

HOW TO CANCEL THE PROPILOT SYSTEM

To cancel the ProPILOT system, use one of the following methods:

- Push the CANCEL switch.
- Tap the brake pedal (except at a standstill).
- Push the ProPILOT switch to turn the system off. The ProPILOT status indicator will turn off.

When the ProPILOT system is cancelled while the vehicle is stopped, the electronic 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 switch to turn the system off, push the park button to shift to the P (Park) position, and turn the electric vehicle system off.

INTELLIGENT CRUISE CONTROL (ICC)

- The Intelligent Cruise Control (ICC) is a part of the ProPILOT system. To choose the ICC system without the Steering Assist, activate the ProPILOT and then turn off the Steering Assist with the switch or in the settings menu. For additional information, see "Operating ProPILOT" (P.339) and "How to enable/disable the Steering Assist" (P.342).
- To choose the conventional (fixed speed) cruise control mode, push and hold the ProPILOT switch for longer than approximately 1.5 seconds. For additional information, see "Conventional (fixed speed) cruise control mode" (P.360).

⚠ 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.

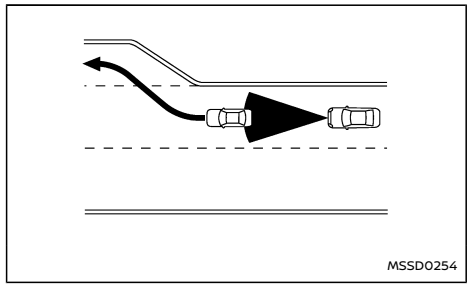
This system should only be used when traffic conditions allow vehicle speeds to remain fairly constant or when vehicle speeds change gradually. If a vehicle moves into the travelling lane ahead or if a vehicle travelling ahead rapidly decelerates, the distance between vehicles may become closer because 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 cancels and a warning chime sounds if the speed is below approximately 25 km/h (15 MPH) and a vehicle is not detected ahead. The ICC system cancels and a warning chime sounds if your vehicle is at a standstill for more than approximately 3 seconds and a vehicle is not detected ahead.

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 30 km/h (20 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.
- When your vehicle is at a standstill for more than 3 seconds and the vehicle ahead begins to accelerate, push up the <RES+> switch or lightly depress the accelerator pedal. The ICC system starts to follow the vehicle ahead. If your vehicle is stationary for more than approximately 3 minutes, the ICC system will be switched off and the electronic parking brake will be applied.
- When the vehicle travelling ahead moves to a different travelling lane, while the vehicle speed is above 30 km/h (20 MPH), the ICC system accelerates and maintains vehicle speed up to the set speed.
- When the vehicle travelling ahead moves to a different travelling lane, while the vehicle speed is below 30 km/h (20 MPH), the ICC system cancels and a warning chime sounds.

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.

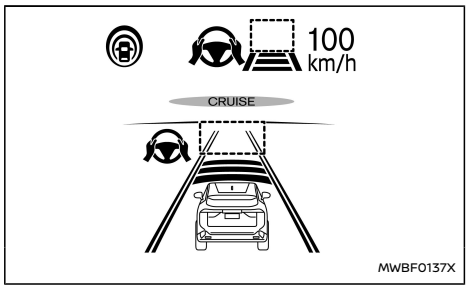


When driving on the highway at a vehicle set speed and approaching a slower travelling vehicle ahead, the ICC system adjusts the speed to maintain the distance, selected by the driver, from the vehicle ahead. If the vehicle ahead changes lanes or exits the highway, the ICC system accelerates and maintains 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.

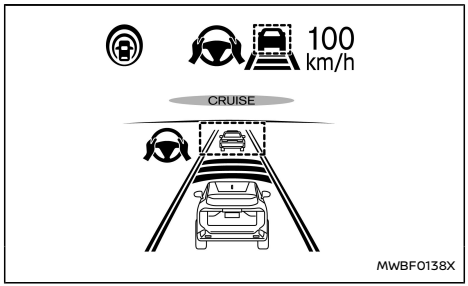
Depress the accelerator to properly accelerate your vehicle when acceleration is required for a lane change. Depress the brake pedal when deceleration is required to maintain a safe distance to the vehicle ahead due to sudden braking or if a vehicle cuts in. Always stay alert when using the ICC system.



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 stop 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 (RES+) [Press to Restart] 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 electronic parking brake will be applied.

Vehicle ahead accelerates:

- When your vehicle is at a standstill and the vehicle ahead begins to accelerate, push up the RES+ switch 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:

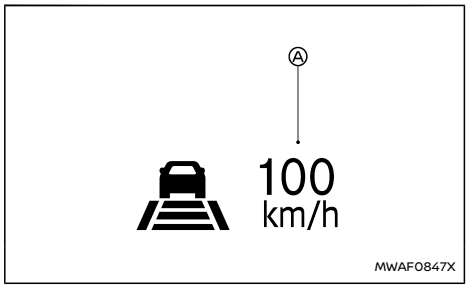
When a vehicle is no longer detected ahead, the ICC system gradually accelerates your vehicle to resume the previously vehicle set speed. The ICC system then maintains the vehicle set speed.

When a vehicle is no longer detected, the vehicle ahead detection indicator and speed control status indicator (maintain speed control mode) turn off.

The ICC system gradually accelerates to the vehicle set speed, but you can depress the accel-

erator pedal to quickly accelerate. When a vehicle is no longer detected and your vehicle is travelling under approximately 25 km/h (15 MPH), the ICC system automatically cancels.

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.



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.**

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. The driver must manually control the vehicle speed.**

  Below are some examples:

  — When the Traffic Sign Recognition (TSR) system is not functioning properly or turned off. (See "Traffic Sign Recognition (TSR)" (P.275).)

  — When driving in an area with nearby parallel roads (for example, freeway 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.

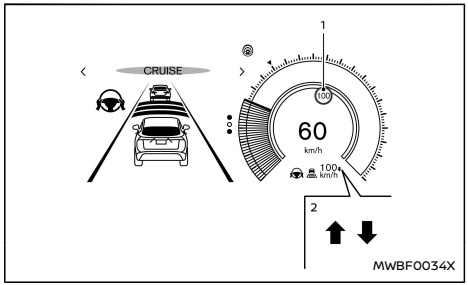
The Speed Limit Link operates:

- When the detected speed limit is 30 km/h (20 MPH) and above.
- The [Speed Limit Link] is enabled in the settings menu of the vehicle information display.

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.275).

   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.

   " ⬆ " : Manual mode is activated and a new speed limit (faster speed value) is indicated.

   " ⬇ " : Manual mode is activated and a new speed limit (lower speed value) is indicated.

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, operate the <RES+> switch (in case of speed limit up) or <SET-> switch (in case of speed limit down).
- The Speed Limit Link indicator (⬆ or ⬇) will turn off after approximately 15 seconds if the <RES+> or <SET-> switch is not operated. (The Speed Limit Link indicator can be turned off immediately by operating the opposite switch from the direction indicated by the Speed Limit Link indicator.)

The system will not activate if a speed limit change is not detected.

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 electric vehicle 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 electric vehicle system is restarted.

Speed Limit Link - a feature of ProPILOT with Navi-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. The driver must manually control the vehicle speed.**

Below are some examples:

- **— When the Traffic Sign Recognition (TSR) system is not functioning properly or turned off. (See "Traffic Sign Recognition (TSR)" (P.275).)**
- **— When driving in countries or areas not covered by the navigation system.**
- **— When crossing national boundaries.**
- **— When driving on the exit of the limited access freeway as identified in the navigation map data.**
- **— When driving in an area with nearby parallel roads (for example, freeway 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 the data from the navigation system is not up-to-date or is unavailable.**

When the ProPILOT 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 30 km/h (20 MPH) and above.
- The [Speed Limit Link] is enabled in the settings menu of the vehicle information display.

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.**

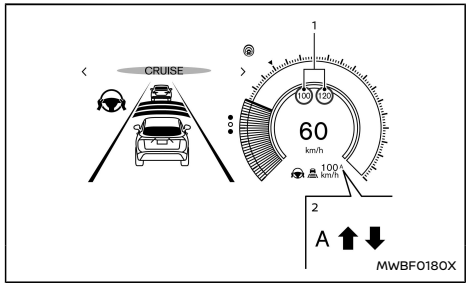
For Germany (No Limit speed setting):

When you turn on the electric vehicle system and subsequently enter a freeway with no speed limit, the system initially regulates the speed to 130 km/h (81 MPH). After this, the last speed stored by the driver on a freeway with no speed limit is applied.

NOTE:

This feature only works in Germany.

System display and indicators:



1. **Detected speed limit indicator**

   Left side:

   Displays detected impending or anticipated speed limit. This speed limit will only be indicated when a new speed limit (lower speed value) is detected in Manual mode.

   Right side:

   Displays the currently detected speed limit. For additional information, see "Traffic Sign Recognition (TSR)" (P.275).

   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 activation mode or system operation.

   " ⬆ " : Manual mode is activated and a new speed limit (faster speed value) is indicated.

" ⬇ " : Manual mode is activated and a new speed limit (lower speed value) is indicated.

"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 Manual mode is selected on settings menu (factory default setting):

- To accept the newly indicated speed limit, operate the <RES+> switch (in case of speed limit up) or <SET-> switch (in case of speed limit down).
- The Speed Limit Link indicator (⬆ or ⬇) will turn off after approximately 15 seconds if the <RES+> or <SET-> switch is not operated. (The Speed Limit Link indicator can be turned off immediately by operating the opposite switch from the direction indicated by the Speed Limit Link indicator.)

The system will not activate if a speed limit change is not detected.

When Auto mode is selected on the settings menu:

- The indicated speed limit is applied to the vehicle set speed automatically when on a limited access freeway as identified in the navigation map data. Also, if the ProPILOT with Navi-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 or on roads other than limited access freeways. In this case, the system operates as the Manual 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 electric vehicle 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 electric vehicle system is restarted.

CRUISE Navi Link - a feature of ProPILOT 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 availability of the CRUISE Navi Link system is country-dependent. In some countries, for example, Iceland, Malta, Cyprus, this function is not available. The**

map data quality does not satisfy the system requirements. If the system detects that the vehicle is located in these countries on the basis of GPS information, the system prohibits activation of the CRUISE Navi Link function.

- **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 navigation system.

  — When the data from the navigation system is not up-to-date or is unavailable.

  — When not driving along the route suggested by the navigation system.

  — When the navigation system is recalculating the route.

  — When driving in countries or areas not covered by the navigation 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 ProPILOT with Navi-link is active on a limited access freeway (as identified in the navigation map data), the CRUISE Navi Link uses road information provided by the navigation system and can adjust the vehicle speed depending on curves, junctions and exits.

The CRUISE Navi Link uses road information provided by the navigation system and can adjust the vehicle speed depending on roundabouts (as identified in the navigation map data.)

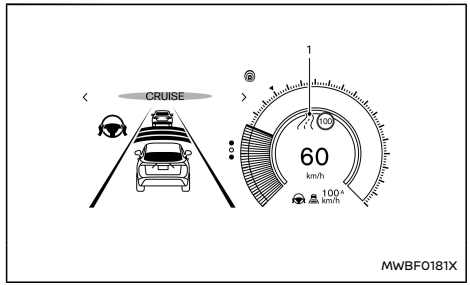
The system may not always reduce speed for all curves, junctions, roundabouts or exits and the driver may need to apply additional braking at any time.

When the vehicle is through the curve, roundabout or junction, the vehicle will accelerate again to the set speed. When exiting the limited access freeway, 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 and junctions
	Exits
	Roundabouts

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 [CRUISE 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 electric vehicle 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**

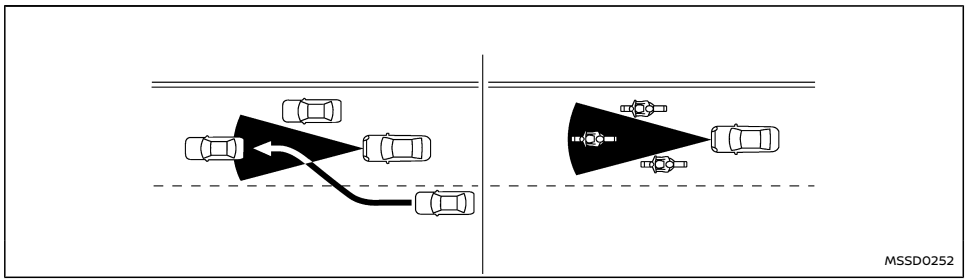
using the ICC system where not recommended in this warning section.

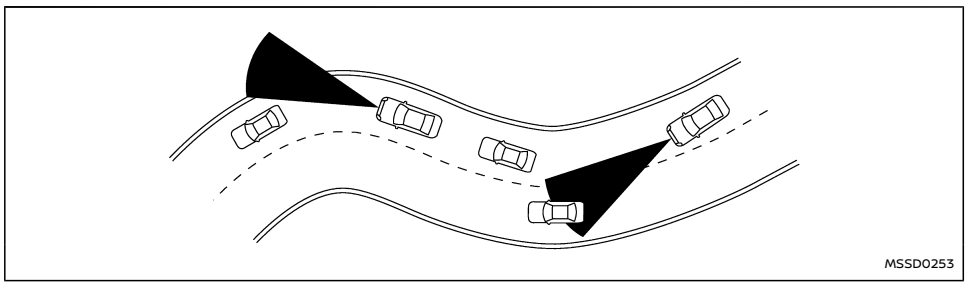
- **The ICC system also uses a multi-sensing front camera. The following are some conditions in which the camera may not properly detect a vehicle and detection of a vehicle ahead may be delayed:**
  - **— Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from 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.
- The vehicle ahead is not detected and your vehicle is travelling below the speed of 25 km/h (15 MPH). For ProPILOT with Navi-link equipped vehicles on a limited access freeway as identified in the navigation map data, the ICC system cancels and a warning chime sounds if your vehicle is at standstill for more than approximately 3 seconds and a vehicle is not detected ahead.
- Your vehicle has been stopped by the ICC system for approximately 3 minutes or longer.
- The shift lever is moved out of the D (Drive) position or B position.
- The electronic parking brake is applied.
- The ESP system is turned off.
- The Intelligent Emergency Braking applies harder braking.
- ProPILOT Park (where fitted) is activated.
- 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 switch. Turn the ProPILOT system back on to use the system.

NOTE:

When the ICC system is cancelled at a standstill, the electronic 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 electric vehicle system off. When the radar signal is temporarily interrupted, clean the sensor area and restart the electric vehicle 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 system may display the [Temporarily Disabled Front Radar Blocked] message.

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 electric vehicle system off, restart the electric vehicle 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.360).

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,

it is recommended that you visit a NISSAN certified electric vehicle dealer.

For the radio approval numbers and information, see "Radio approval number and information" (P.473).

The camera sensor is located above the inside rearview 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.271).

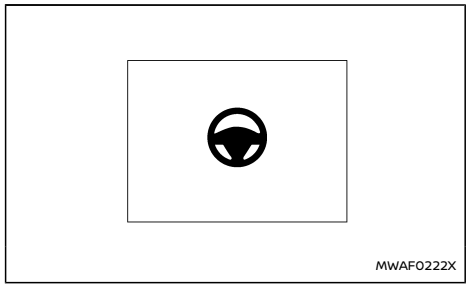
STEERING ASSIST

⚠ 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 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.342).)

The Steering Assist system controls the steering system to help keep your vehicle near the centre of the lane when driving. (See "ProPILOT (where fitted)" (P.333).)

Steering Assist operation

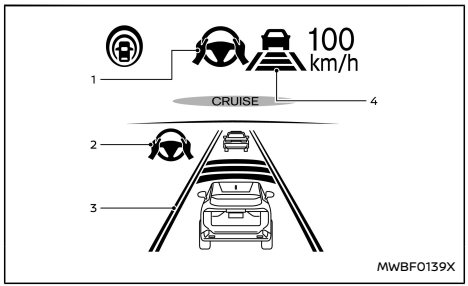
Steering Assist helps the driver keep the vehicle near the centre of the lane when both right and left lane markers are detected. Steering Assist only operates when combined with the Intelligent Cruise Control (ICC) system. For additional information, see "Intelligent Cruise Control (ICC)" (P.343).

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.342).

Steering Assist display and indicators



1. **Steering Assist status indicator/warning**

   Displays the status of the Steering Assist by the colour of the indicator/warning
   - 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
2. **Steering Assist indicator**

   Indicates the status of the Steering Assist by the colour of the indicator
   - Steering Assist indicator (grey): Steering Assist standby
   - Steering Assist indicator (green): Steering Assist active
3. **Lane marker indicator**

   Indicates whether the system detects the lane marker
   - Lane marker indicator (grey): Lane markers not detected
   - Lane marker indicator (green): Lane markers detected
   - Lane marker indicator (yellow): Lane departure is 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 (grey): Steering Assist standby
   - Lane marker indicator (green): Steering Assist active

For the speed control status indicator and set distance indicator, see "ProPILOT system display and indicators" (P.337).

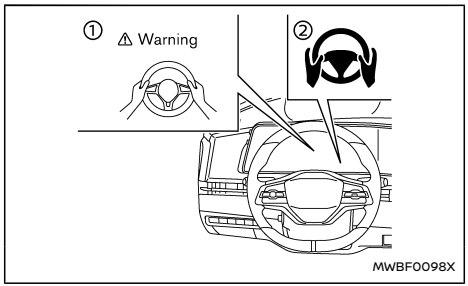
When the Steering Assist is in operation, the Steering Assist status indicator ①, the Steering Assist indicator ②, and the lane marker indicator ③ and ④ on the vehicle information display turn green.

When the Steering Assist deactivates, the Steering Assist status indicator ①, the Steering Assist indicator ②, and the lane marker indicator ③ and ④ on the vehicle information display turn grey and a chime sounds twice.

Intelligent Lane Intervention

With the Steering Assist active, when a curve or strong cross wind exceeds the capabilities of the system and your vehicle approaches either the left or the right side of the travelling lane, the Intelligent Lane Intervention system will flash the Intelligent Lane Intervention indicator on the vehicle information display and provide steering wheel vibration to alert the driver. The warning chime will also sound. Then, the Intelligent Lane Intervention system automatically applies the brakes for a short period of time to help assist the driver 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 "Intelligent Lane Intervention (where fitted)" (P.282).

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.

If the driver does not operate the steering wheel after the warning has been displayed and the warning light illuminated, an audible alert sounds and both the warning and the warning light flash. If the driver still does not operate the steering wheel, the system applies a momentary brake application to request the driver to take control of the vehicle again.

If the driver still does not respond, the system turns on the hazard flasher and slows the vehicle to a complete stop.

The driver can cancel the deceleration at any time by steering, braking, accelerating, or operating the ProPILOT switch.

⚠ 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.**

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 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 with Navi-link on a limited access freeway 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 electric vehicle system off, restart the electric vehicle 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 rearview 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.271).

CONVENTIONAL (fixed speed) CRUISE CONTROL MODE

NOTE:

ProPILOT 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 30 km/h (20 MPH) without keeping your foot on the accelerator pedal.

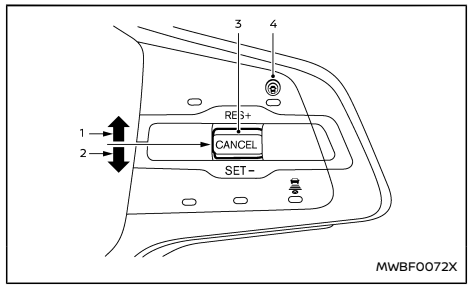
⚠ WARNING

- **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:

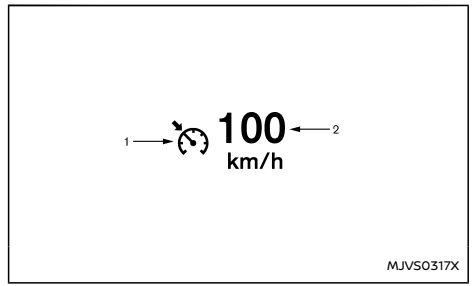
   Resumes vehicle set speed or increases speed incrementally
2. <SET-> switch:

   Sets desired cruise speed or reduces speed incrementally
3. <CANCEL> switch:

   Deactivates the system without erasing the vehicle set speed
4. ProPILOT switch:

   Turns the system on or off

Conventional (fixed speed) CRUISE CONTROL MODE DISPLAY AND INDICATORS



The display is located in the vehicle information display.

1. Cruise indicator:

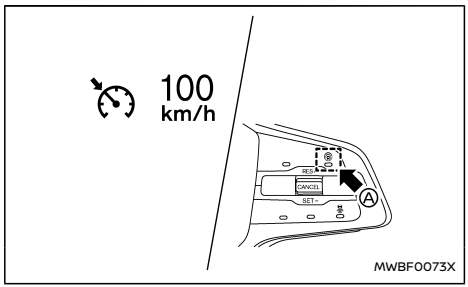
   This indicator indicates the condition of the conventional (fixed) cruise control mode of the ICC system depending on a colour.
   - Cruise control ON indicator (grey): Indicates that the ProPILOT switch is on
   - Cruise control SET indicator (green): Indicates that the cruising speed is set
   - Cruise 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.127).)

Operating conventional (fixed speed) CRUISE CONTROL MODE



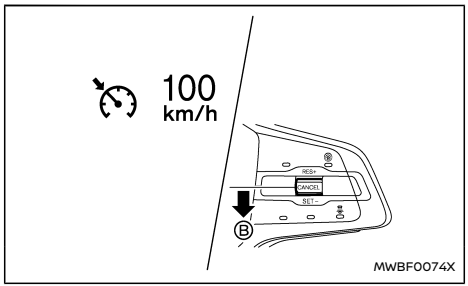
To turn on the conventional (fixed speed) cruise control mode, push and hold the ProPILOT switch Ⓐ for longer than about 1.5 seconds.

When pushing the ProPILOT switch on, the conventional (fixed speed) cruise control mode display and indicators are displayed in the vehicle information display. After you hold the ProPILOT switch on for longer than about 1.5 seconds, the ICC system display turns off. The cruise indicator appears. You can now set your desired cruising speed. Pushing the ProPILOT switch again will turn the system completely off. When the power switch is placed in the OFF position, the system is also automatically turned off.

To use the ICC system again, quickly push and release the ProPILOT switch (vehicle-to-vehicle distance control mode) or push and hold it (conventional cruise control mode) again to turn it on.

⚠ WARNING

To avoid accidentally engaging cruise control, make sure to turn the ProPILOT switch off when not using the cruise control system.



To set cruising speed, accelerate your vehicle to the desired speed, push down the <SET–> Ⓑ switch and release it. (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. 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 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:

- Depress the accelerator pedal. When the vehicle attains the desired speed, push down and release the <SET–> switch.
- Push up and hold the <RES+> switch. When the vehicle attains the desired speed, release the switch.
- Push up, then quickly release the <RES+> switch. Each time you do this, the vehicle set speed will increase by about 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 down the <SET–> switch and release it.
- Push down and hold the <SET–> switch. Release the switch when the vehicle slows down to the desired speed.

- Push down, then quickly release the <SET–> switch. Each time you do this, the vehicle set speed will decrease by about 1 km/h (1 MPH).

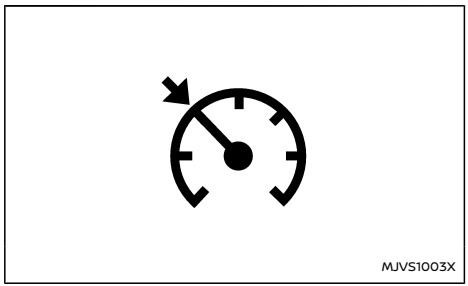
To resume the preset vehicle speed, push up and release the <RES+> switch. The vehicle will resume the last set cruising speed when the vehicle speed is over 30 km/h (20 MPH).

System temporarily unavailable

A chime sounds under the following conditions and the control is automatically cancelled.

- When the shift lever is not in the D (Drive) or B 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 (cruise control warning), park the vehicle in a safe place. Turn the electric vehicle system off, restart the electric vehicle 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 EMERGENCY BRAKING WITH PEDESTRIAN DETECTION

⚠ WARNING

Failure to follow the warnings and instructions for proper use of the Intelligent Emergency Braking with Pedestrian Detection system could result in serious injury or death.

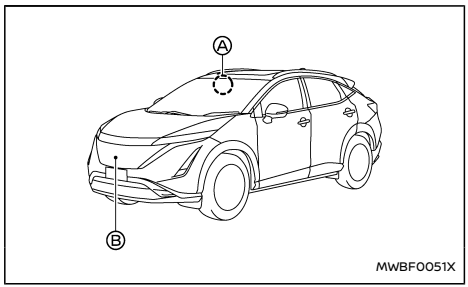
- **The Intelligent Emergency Braking with Pedestrian Detection system is a supplemental aid to the driver. It is not a replacement for the driver's attention to traffic conditions or responsibility to drive safely. It cannot prevent accidents due to carelessness or dangerous driving techniques.**
- **The Intelligent Emergency Braking with Pedestrian Detection system does not function in all driving, traffic, weather and road conditions.**

The Intelligent Emergency Braking with Pedestrian Detection system can assist the driver when there is a risk of a forward collision with

- a vehicle ahead in the travelling lane
- a pedestrian ahead in the travelling lane
- a cyclist ahead in the travelling lane (where fitted)

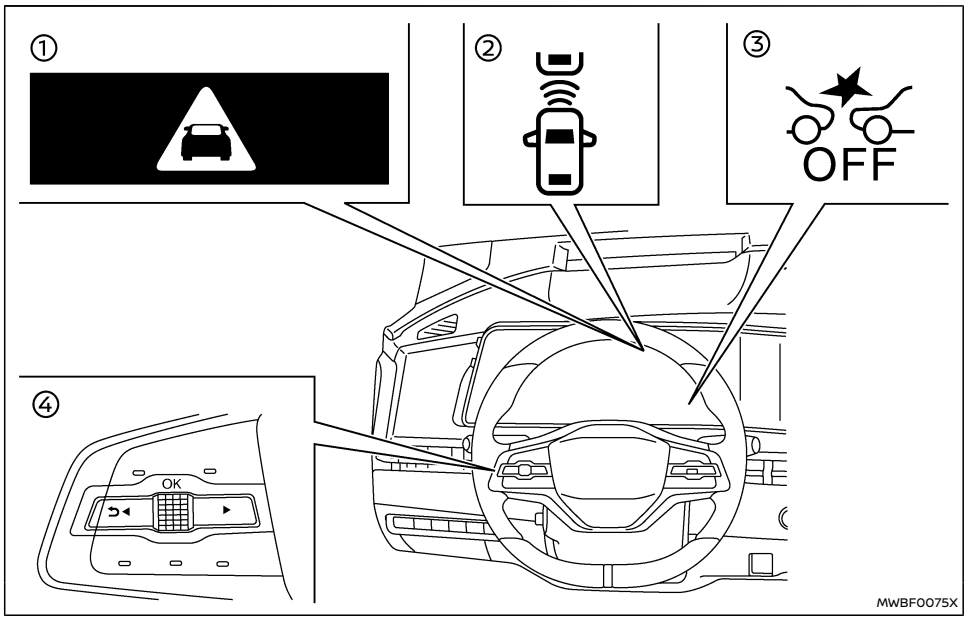
Junction assist (where fitted) can assist the driver when there is a risk of a forward collision

- When you turn right or left and cross the path of an oncoming vehicle.
- When you turn right or left, a pedestrian is detected in the forward direction and is expected to enter your vehicle's path.



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 (where fitted), the Intelligent Emergency Braking system uses a camera Ⓐ installed behind the windscreen in addition to the radar sensor.



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 Steering-wheel-mounted controls (left side)

INTELLIGENT EMERGENCY BRAKING WITH PEDESTRIAN DETECTION SYSTEM OPERATION

If a risk of a forward collision is detected, the Intelligent Emergency Braking with Pedestrian Detection system will first provide a warning to the driver by flashing the warning (yellow) in the vehicle information display and providing an

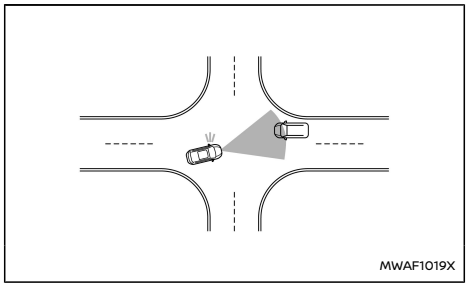
audible alert. In addition, the Intelligent Emergency Braking with Pedestrian Detection system applies partial braking. If the driver applies the brakes quickly and forcefully, but the system detects that there is still the possibility of a forward collision, the system will automatically increase the braking force.

If the driver does not take action, the Intelligent Emergency Braking with Pedestrian Detection system issues the second visual warning (flashing red and white) and audible warning, then the system applies partial braking. If the risk of a collision becomes imminent, the system applies harder braking automatically.

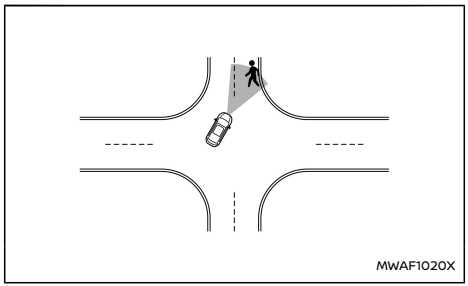
The Intelligent Emergency Braking with Pedestrian Detection system will function when your vehicle is driven at speeds above approximately 5 km/h (3 MPH). For the pedestrian and cyclist (where fitted) detection function, the Intelligent Emergency Braking system operates at speeds between 10 – 80 km/h (6 – 50 MPH).

Junction assist (where fitted) operates at your vehicle speeds between 10 - 25 km/h (6 – 16 MPH).

When turning left or right, the turn signal must be activated to ensure that oncoming vehicles can be detected by junction assist.



Junction assist for oncoming vehicle



Junction assist for pedestrian

NOTE:

- **The vehicle's brake lights come on when braking is performed by the Intelligent Emergency Braking with Pedestrian Detection system.**
- **When the Intelligent Emergency Braking with Pedestrian Detection system detects an obstacle in the path of the vehicle and displays the Intelligent Emergency Braking warning, a noise may be heard from the motor compartment as the vehicle primes the brakes to improve response time.**

Depending on vehicle speed and distance to the vehicle or 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 with Pedestrian Detection system will function later or will not function.

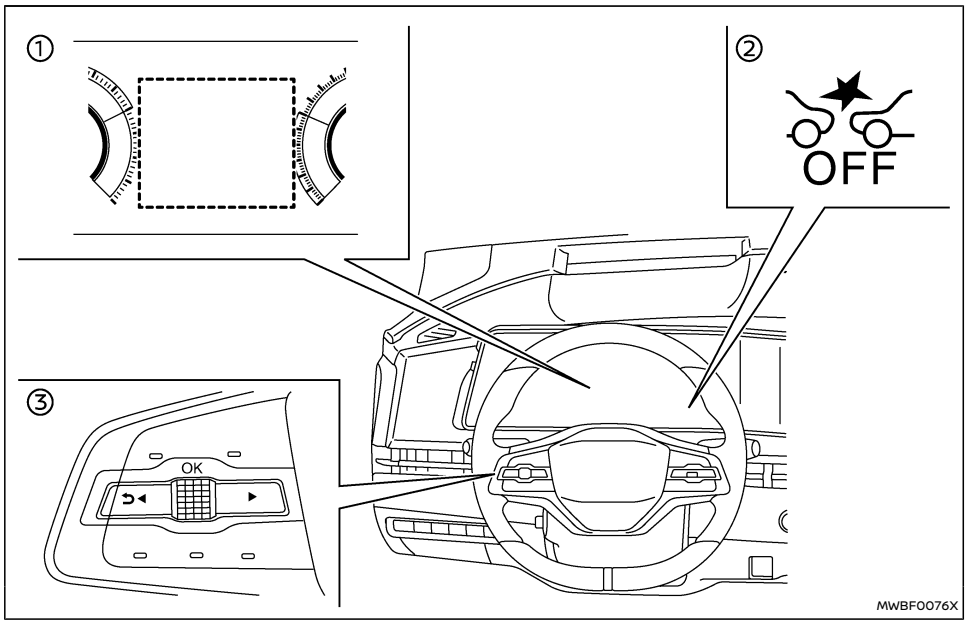
If the Intelligent Emergency Braking with Pedestrian Detection system has stopped the vehicle, the vehicle will remain at a standstill for approximately 2 seconds before the brakes are released.

If the brake pedal is depressed while the brakes are being applied by the system, you may feel the pedal effort has changed and may hear a sound and feel vibration. This is normal and does not indicate a malfunction. In addition, the braking force can be increased by increasing the pedal effort.

The automatic braking will cease under the following conditions:

- When the steering wheel is turned as far as necessary to avoid a collision.
- When there is no longer a vehicle or pedestrian or cyclist detected ahead.
- When the accelerator pedal is depressed

TURNING THE INTELLIGENT EMERGENCY BRAKING WITH PEDESTRIAN DETECTION SYSTEM ON/OFF



① Vehicle information display

② Intelligent Emergency Braking system OFF warning light (on the meter panel)

③ Steering-wheel-mounted controls (left side)

Perform the following steps to turn the Intelligent Emergency Braking with Pedestrian Detection 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 with Pedestrian Detection system is turned off, the Intelligent Emergency Braking system OFF warning light illuminates.

NOTE:

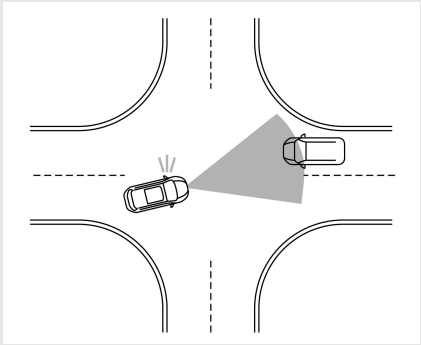
- **Disabling the Electronic Stability Programme (ESP) system causes the Intelligent Emergency Braking with Pedestrian Detection system to become unavailable regardless of settings selected in the vehicle information display.**
- **The Intelligent Emergency Braking with Pedestrian Detection system will be automatically turned ON when the electric vehicle system is restarted.**
- **The Intelligent Forward Collision Warning system is integrated into the Intelligent Emergency Braking with Pedestrian Detection system. There is not a separate selection for the Intelligent Forward Collision Warning system. When the Intelligent Emergency Braking with Pedestrian Detection system is turned off, the Intelligent Forward Collision Warning system is also turned off.**

INTELLIGENT EMERGENCY BRAKING WITH PEDESTRIAN DETECTION SYSTEM LIMITATIONS

⚠ WARNING

Listed below are the system limitations for the Intelligent Emergency Braking with Pedestrian Detection system. Failure to operate the vehicle in accordance with these system limitations could result in serious injury or death.

- **The Intelligent Emergency Braking with Pedestrian Detection system cannot detect all vehicles, pedestrians or cyclists under all conditions.**
- **The Intelligent Emergency Braking with Pedestrian Detection system does not detect the following objects:**
  - **— Small pedestrians (including small children) and animals.**
  - **— Pedestrians in wheelchairs or using mobile transport such as scooters, child-operated toys, or skateboards.**
  - **— Pedestrians who are seated or otherwise not in a full upright standing or walking position.**
  - **— Crossing vehicles.**
  - **— Obstacles on the roadside**
  - **— Parked vehicles**
- **Junction Assist (where fitted) does not detect the following:**
  - **— Oncoming vehicle in front of your vehicle.**



- **The Intelligent Emergency Braking with Pedestrian Detection system has some performance limitations.**
  - **— If a stationary vehicle is in the vehicle's path, the Intelligent Emergency Braking with Pedestrian Detection system will not function when the vehicle is driven at speeds over approximately 100 km/h (62 MPH).**
- **The Intelligent Emergency Braking with Pedestrian Detection system may not function for pedestrians and cyclists (models with cyclist detection) in darkness or in tunnels, even if there is street lighting in the area.**
- **The Intelligent Emergency Braking with Pedestrian Detection system may not function if the vehicle ahead is narrow (for example, a motorcycle).**
- **The Intelligent Emergency Braking with Pedestrian Detection system may not function if the speed difference between the two vehicles is too small.**
- **The Intelligent Emergency Braking with Pedestrian Detection system may not apply braking when the vehicle speed is high in the operation range.**
- **For pedestrians, the Intelligent Emergency Braking with Pedestrian Detection system may not issue the first warning.**
- **The Intelligent Emergency Braking with Pedestrian Detection system may not function properly or detect a vehicle, pedestrian or cyclist (models with cyclist detection) ahead in the following conditions:**
  - **— 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.**
  - **— Poor visibility (conditions such as rain, snow, fog, dust storms, sandstorms, and road spray from other vehicles)**
  - **— Driving on a steep downhill slope or roads with sharp curves.**
  - **— Driving on a bumpy road surface, such as an uneven dirt road.**
  - **— If dirt, ice, snow or other material is covering the radar sensor area.**

— Interference by other radar sources.

— The camera area of 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 or cyclist 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 a shaded area or lightning flashes.)

— The poor contrast of a person to the background, such as having clothing colour or pattern which is similar to the background.

— 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).

— 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.

— For approximately 15 seconds after starting the electric vehicle system.

— 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.

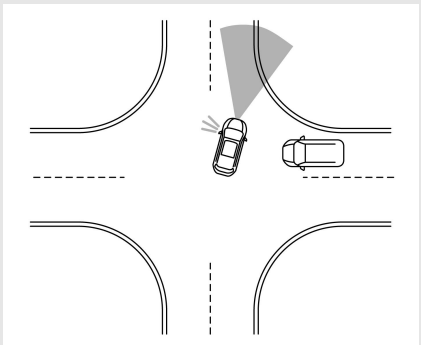
— While towing a trailer or other vehicle.

● Junction Assist (where fitted) may not operate properly or detect a oncoming vehicle or pedestrian in the following conditions:

— When driving in a traffic lane separated by more than 2 lanes from oncoming vehicles while making a right/left turn.

— When not heading directly towards an oncoming vehicle during a right/left turn.

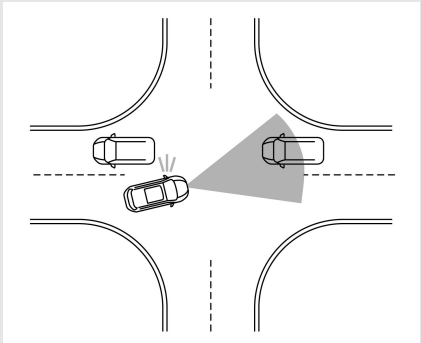
— When crossing an oncoming vehicle lane and an oncoming vehicle approaches.



— When turning sharply or on a very wide curve.

— When the centre line is not recognised by the system.

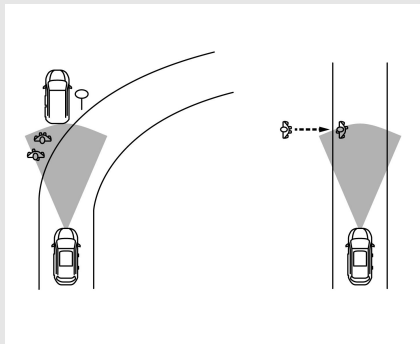
— When there are a number of oncoming vehicles following each other in a row.



— When the lane is wider or narrower than normal.

— When the centre line is located close to a road marker.

- The system performance may 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 (radar and camera)'s functionality, within certain limitations. The system may not detect blockage of sensor areas covered by 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 with Pedestrian Detection system may unexpectedly apply partial braking. When acceleration is necessary, depress the accelerator pedal to override the system.
- Excessive noise will interfere with the warning chime sound, and the chime may not be heard.
- Braking distances increase on slippery surfaces.
- The Intelligent Emergency Braking with Pedestrian Detection system may operate when the following are similar to the outlines of pedestrians or cyclists (models with cyclist detection), or if they are the same size and position as a vehicle's and motorcycle's tail lights.
  - — Paint, a shadow or a pattern on the road, roadside or wall (including faded and unusual road markings).
  - — A shape formed by road structures ahead (such as tunnels, viaducts, traffic sign, reflectors installed on the side of vehicles, reflection sheets, and guardrails), road side objects (trees, buildings) and light sources.
  - — A shape formed by road side objects, such as trees, lighting, shadows, or buildings.
- The Intelligent Emergency Braking with Pedestrian Detection system may keep operating when the vehicle ahead is turning right or left.
- The Intelligent Emergency Braking with Pedestrian Detection 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 function may operate temporarily for the oncoming vehicle in front of your vehicle.
- The Intelligent Emergency Braking with Pedestrian Detection system may react to:



  - — Objects on the roadside (traffic sign, guardrail, pedestrian or cyclist, vehicle, etc.)
  - — 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, etc.)

— Pedestrians, cyclists or motorcycles approaching the travelling lane

— Pedestrians and cyclists when driving down narrow alleys, for example.

— Pedestrians and cyclists who temporarily move into or approach the driving lane to avoid obstacles at the side of the road.

— Objects on the road such as trees.

— Vehicles, pedestrians, cyclists, motorcycles or objects in adjacent lane or close to the vehicle

— Oncoming pedestrians or cyclists

- Junction Assist (where fitted) may react to the following while making a right/left turn:

  — When an oncoming vehicle or a crossing pedestrian has already exited the path of your vehicle.

  — If you are closely in front of an oncoming vehicle or a crossing pedestrian.

  — When an oncoming vehicle or a crossing pedestrian stops before entering the path of your vehicle

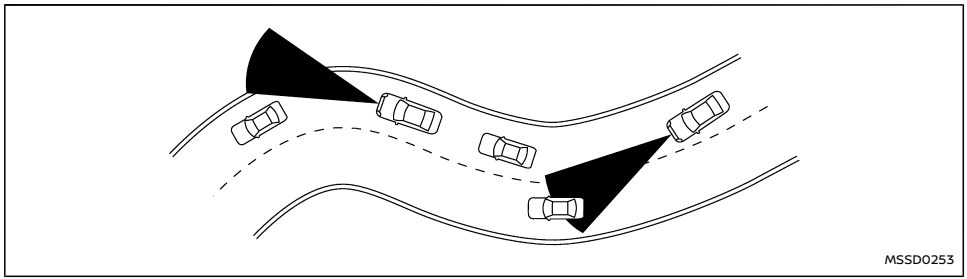
  — When an oncoming vehicle turns right or left in front of your vehicle.

- Junction Assist (where fitted) may also react to the following:

  — When oncoming vehicle movement cannot be predicted due to sudden left/right turns or deceleration of the oncoming vehicles.

- Braking distances increase on slippery surfaces.

- Excessive noise will interfere with the warning chime 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 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 to the vehicle travelling ahead.**

SYSTEM TEMPORARILY UNAVAILABLE

Condition A

In the following conditions, the Intelligent Emergency Braking system OFF warning light blinks and the system will be turned off automatically.

- The camera area of the windscreen is misted or frozen.
- 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 defrosting function or heated windscreen (where fitted) to clear. This may take several minutes.

When the above condition no longer exists, the Intelligent Emergency Braking with Pedestrian Detection system will resume automatically

Condition B

In the following conditions, the Intelligent Emergency Braking system OFF warning light will blink, with no accompanying message in the vehicle information display.

- Strong light is shining onto the front of the vehicle.
- The cabin temperature is over approximately 40 °C (104 °F) in direct sunlight.
- The radar sensor can receive interference from other radar sources and excessive reflection from other vehicles (for example, when travelling past vehicles in a traffic jam).
- The camera unit detects that it is not correctly aligned.

Action to take:

None. When the above condition no longer exists, the Intelligent Emergency Braking with Pedestrian Detection system will resume automatically.

NOTE:

If the inside of the windscreen in front of the camera is misted or frozen, it will take a period of time to for it to clear after the air conditioner turns on. If dirt appears in this area, it is recommended you visit a NISSAN certified electric vehicle dealer.

Condition C

In the following condition, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Temporarily Disabled Front Radar Blocked] warning message will appear in the vehicle information display.

- The sensor area on the front of the vehicle is covered with dirt or is obstructed

Action to take:

If the warning light illuminates, stop the vehicle in a safe place and turn the electric vehicle system off. Check if the sensor area at the front of the vehicle, and remove the blocking material. Restart the

electric vehicle system. If the warning light continues to illuminate after driving for a few minutes, have the Intelligent Emergency Braking with Pedestrian Detection system checked. It is recommended you visit a NISSAN certified electric vehicle dealer for this service.

Condition D

In the following condition, the Intelligent Emergency Braking system OFF warning light will illuminate and the [Temporarily Disabled Front Radar Blocked] 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 conditions no longer exist, the Intelligent Emergency Braking with Pedestrian Detection system will resume automatically.

Condition E

When the Electronic Stability Programme (ESP) system is turned OFF, the Intelligent Emergency Braking system braking will not operate. In this case only the visible and audible warning operates. The Intelligent Emergency Braking system OFF warning light will illuminate.

Action to take

When the ESP system is ON, the Intelligent Emergency Braking with Pedestrian Detection system will resume automatically.

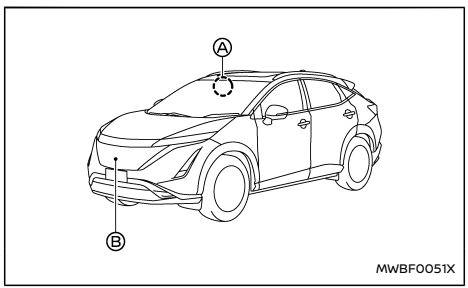
SYSTEM MALFUNCTION

If the Intelligent Emergency Braking with Pedestrian Detection system malfunctions, it will be turned off automatically, a chime will sound, the Intelligent Emergency Braking system OFF warning light will (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 electric vehicle system off and restart the electric vehicle system. If the warning light continues to illuminate, have the Intelligent Emergency Braking with Pedestrian Detection 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. The camera Ⓐ is located on the upper side of the windscreen.

To keep the Intelligent Emergency Braking with Pedestrian Detection system operating properly, be sure to observe the following:

- Always keep the sensor area on the front 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 or similar objects 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.

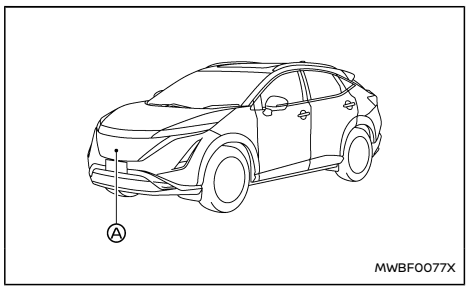
INTELLIGENT FORWARD COLLISION WARNING

⚠ WARNING

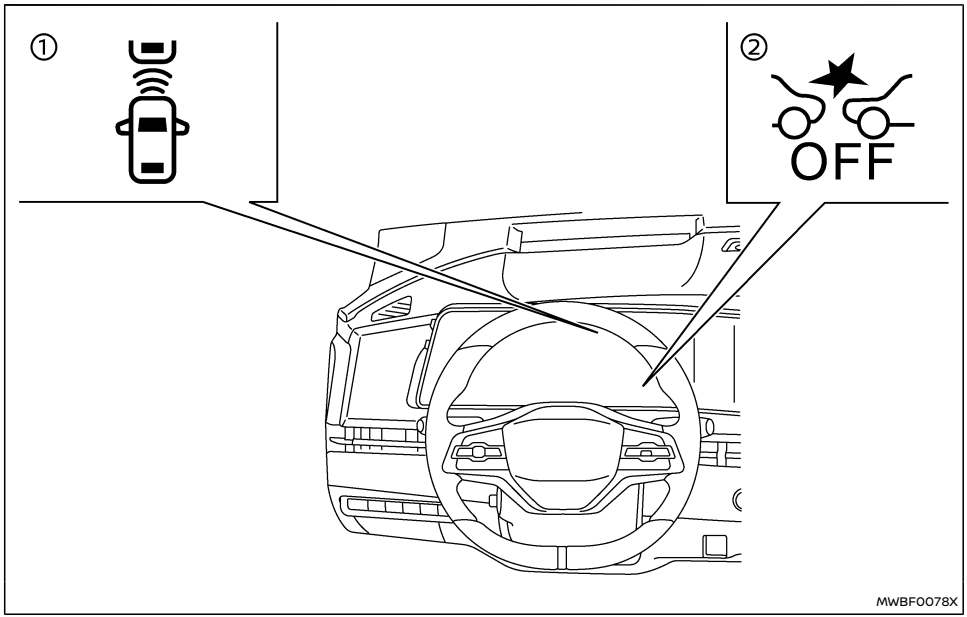
Failure to follow the warnings and instructions for proper use of the Intelligent Forward Collision Warning system could result in serious injury or death.

- **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.

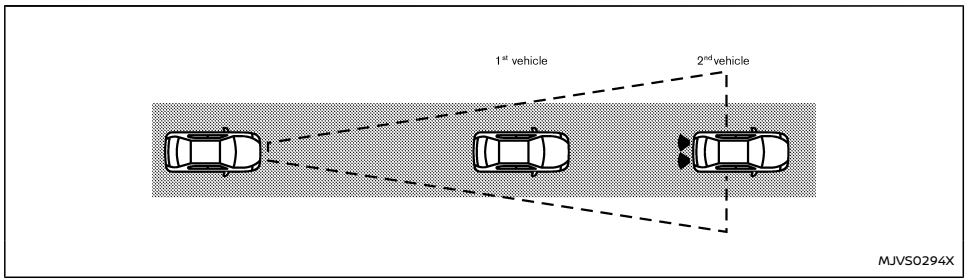


The Intelligent Forward Collision Warning system uses a radar sensor Ⓐ located on the front of the vehicle to measure the distance to a second vehicle ahead in the same lane.



① Vehicle ahead detection indicator (on the vehicle information display)

② Intelligent Emergency Braking system OFF warning light (on the meter panel)

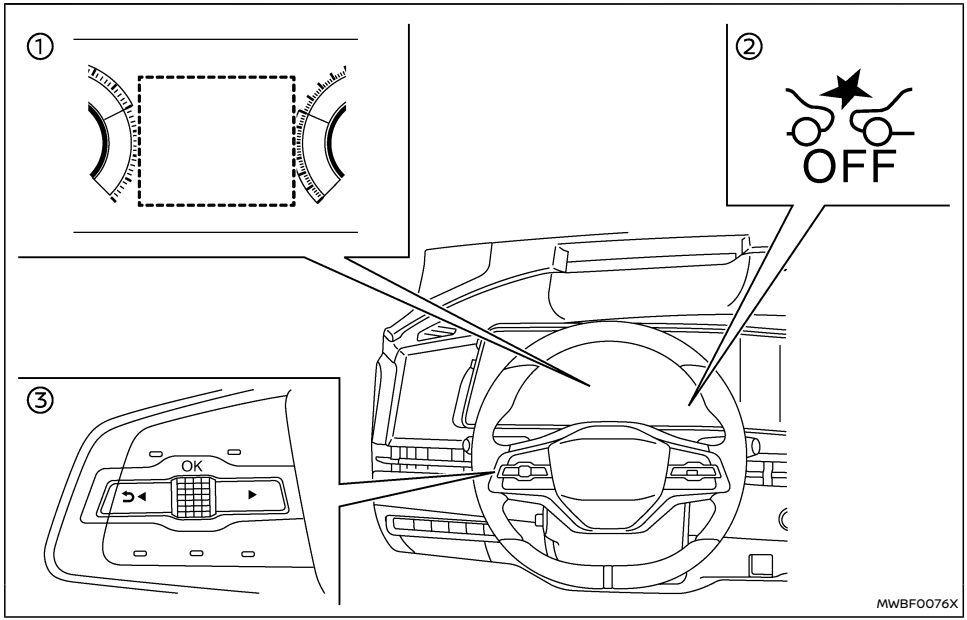


INTELLIGENT FORWARD COLLISION WARNING SYSTEM OPERATION

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 (left 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 electric vehicle system is restarted.**
- **The Intelligent Forward Collision Warning system is integrated into the Intelligent Emergency Braking with Pedestrian Detection system. There is not a separate selection for the Intelligent Forward Collision Warning system. When the Intelligent Emergency Braking with Pedestrian Detection system is turned off, the Intelligent Forward Collision Warning system is also turned off.**

INTELLIGENT FORWARD COLLISION WARNING SYSTEM LIMITATIONS

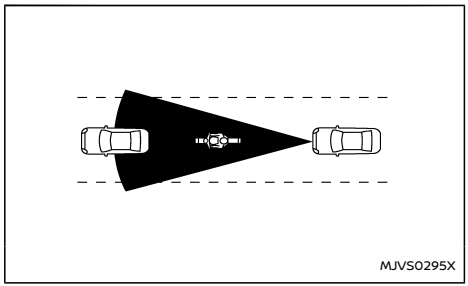


Illustration A

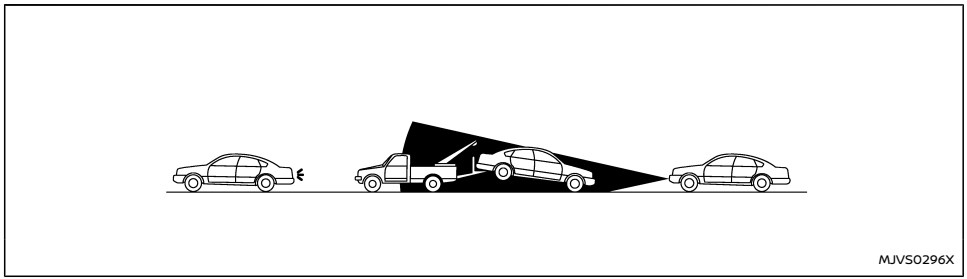


Illustration B

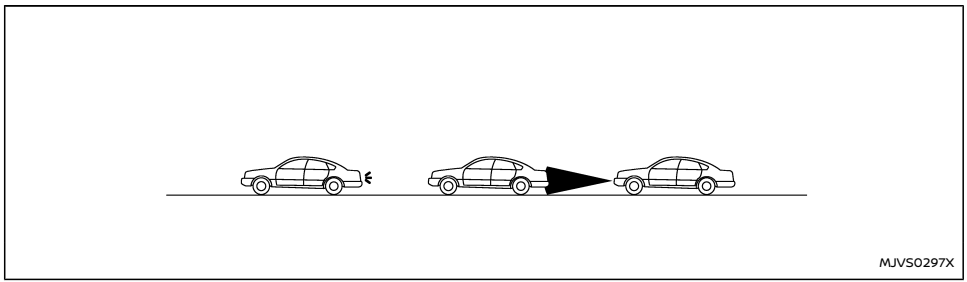


Illustration C

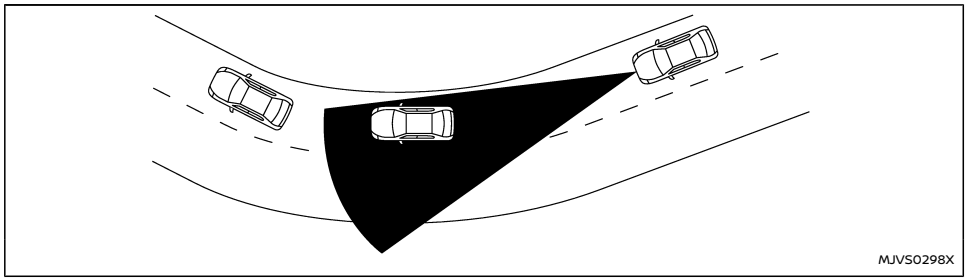
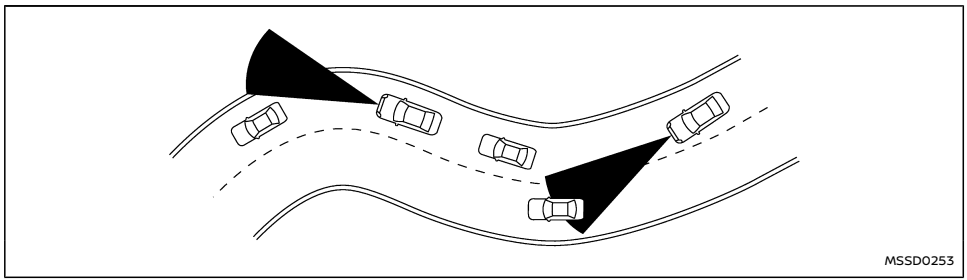


Illustration D

⚠ 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.**



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 flash.

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 flash and the [Temporarily Disabled Front Radar Blocked] 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) flashes, stop the vehicle in a safe place, push the park button to engage the P (Park) position and turn the electric vehicle system off. Clean the radar cover on the front of the vehicle with a soft cloth, and restart the electric vehicle 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.

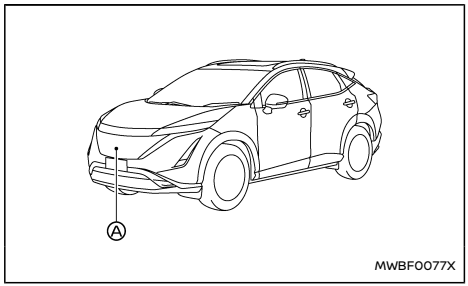
SYSTEM MALFUNCTION

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 electric vehicle system off and restart the electric vehicle 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 or similar objects on the front bumper 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.

⚠ WARNING

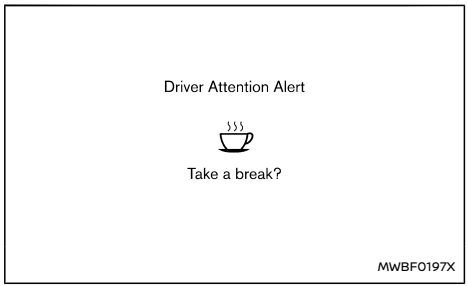
Failure to follow the warnings and instructions for proper use of the Intelligent Driver Alertness system could result in serious injury or death.

- **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



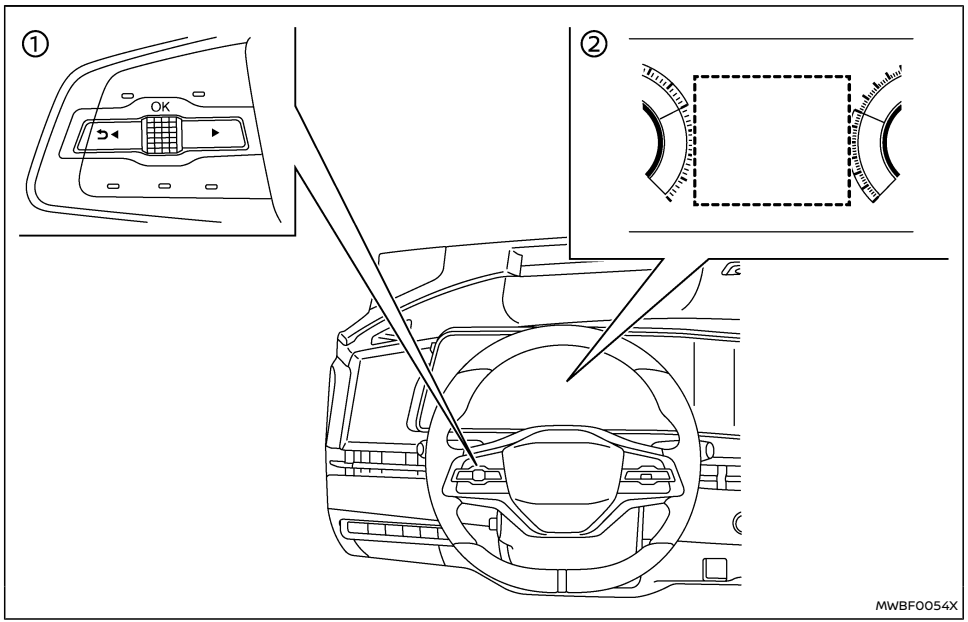
If the system detects driver fatigue or that driver attention is decreasing, the message [Take a break?] appears in the vehicle information display and a chime sounds when the vehicle is driven at speeds above 60 km/h (37 MPH).

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 is activated.

HOW TO ENABLE/DISABLE THE INTELLIGENT DRIVER ALERTNESS SYSTEM



① Steering-wheel-mounted control (left side)

② Vehicle information display

Perform the following steps to enable or disable the Intelligent Driver Alertness system.

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 Monitor] and push the scroll dial.
3. Select [Driver Attention Alert] and push the scroll dial to turn the system on or off.

NOTE:

- **The Intelligent Driver Alertness system will automatically be turned on when the electric vehicle 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:**
  - **— 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, the [System fault See Owner's Manual] warning message will appear in the vehicle information display and the function will be stopped automatically.

Action to take

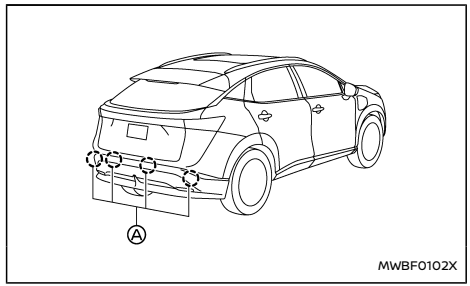
Stop the vehicle in a safe location, place the vehicle in P (Park) position, turn the electric vehicle system off and restart the electric vehicle system. If the warning message continues to appear, have the system checked. It is recommended that you visit a NISSAN certified electric vehicle dealer for this service.

⚠ WARNING

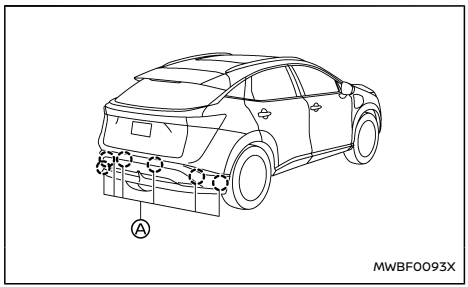
Failure to follow the warnings and instructions for proper use of the RAB system could result in serious injury or death.

- **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.



Models with 4 sensors

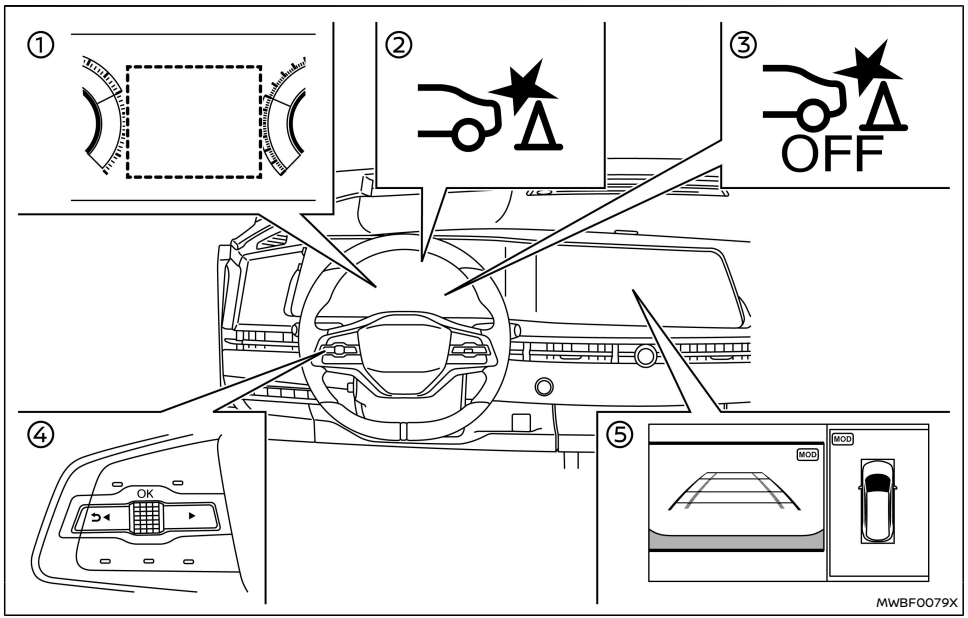


Models with 6 sensors

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.395).



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 (left side)
⑤ Centre display (where fitted)

RAB SYSTEM OPERATION

When the shift lever 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.

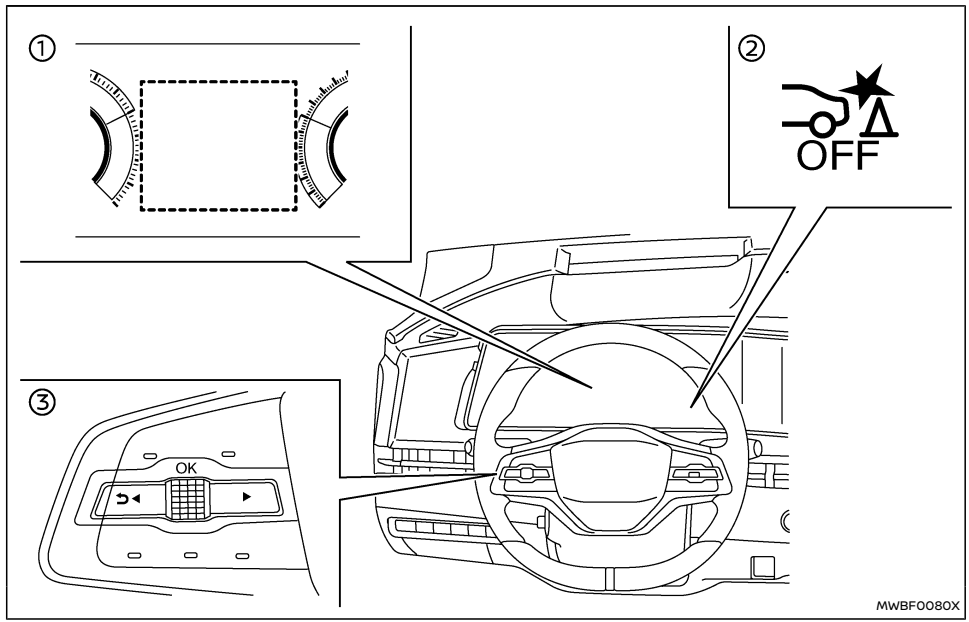
If a risk of a collision with an obstacle is detected when your vehicle is reversing, the RAB system warning indicator will flash in the vehicle informa-

tion 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 stop 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 (left 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.

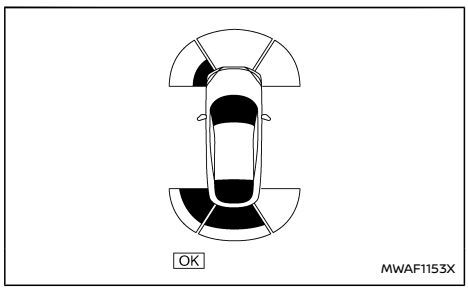
2. Select [Emergency Brake] and push the scroll dial.
3. Select [Rear Auto Braking] and push the scroll dial to turn the system on or off.

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

The RAB system OFF warning light will also illuminate when the shift lever 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 electric vehicle system is restarted.**



- **When the shift lever 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 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.**
- **When towing a trailer or other vehicle, turn the RAB system off to prevent the occurrence of an unexpected accident resulting from sudden system operation. (See "RAB system operation" (P.382).)**
- **Excessive noise (e.g., audio system volume, an open vehicle window) will interfere with the chime sound, and it may not be heard.**

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.

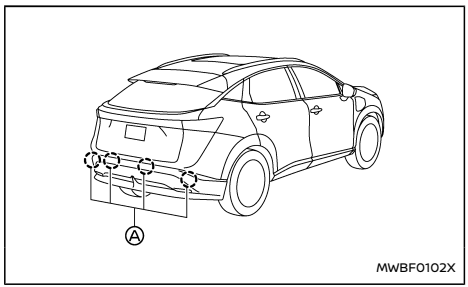
Action to take

If the warning light illuminates, park the vehicle in a safe location, turn the electric vehicle system off, and restart the electric vehicle 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.

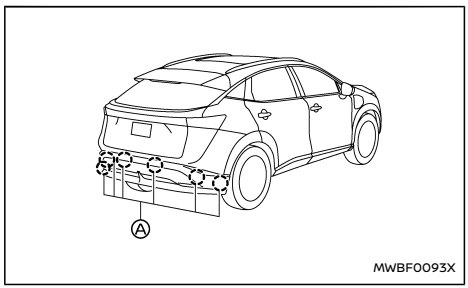
NOTE:

If the RAB system cannot be operated temporarily, the RAB system OFF warning light blinks.

SYSTEM MAINTENANCE



Models with 4 sensors



Models with 6 sensors

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, 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 maximize driving range:

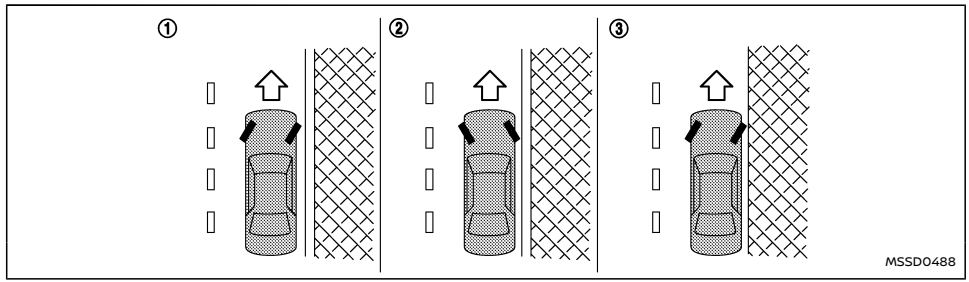
Before driving:

- 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.

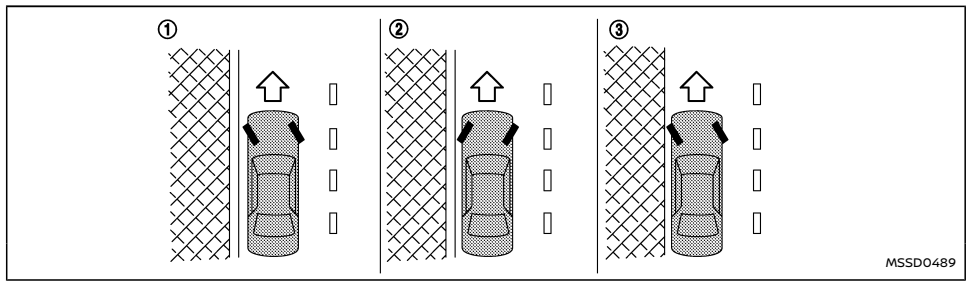
While driving:

- 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) or B position, when the accelerator pedal is released, the regenerative brake system provides some deceleration and some power to the Li-ion battery.



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 P (Park). Failure to do so could cause the vehicle to move unexpectedly or roll away and result in an accident.**
- **Make sure the shift lever cannot be moved without depressing the footbrake pedal.**

1. Apply the parking brake.
2. Push the park button 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.
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 SPORT mode is selected, the steering wheel effort is moderately increased for a sporty feel. (See “SPORT mode” (P.265).)

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 electric vehicle 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 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" (P.115).)

When the electric power steering warning light illuminates, 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.

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.

When you put the shift lever in the B position and take your foot off the accelerator pedal, more regenerative brake is applied than in the D (Drive) position. However, during high-speed driving you may feel that regenerative brake provides less deceleration than the engine braking in an ordinary vehicle. This is normal.

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 Electric Vehicle (EV).**
- **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 select the B position 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 Electric Vehicle (EV) 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 electric vehicle 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

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.454) 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.

The 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 electric vehicle system output to reduce drive wheel slip based on vehicle speed (traction control function).
- Controls brake pressure at individual wheels and electric vehicle 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 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.117) and "Electronic Stability Programme (ESP) off indicator light" (P.117).

The computer has a built-in diagnostic feature that tests the system each time you start the electric vehicle 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.

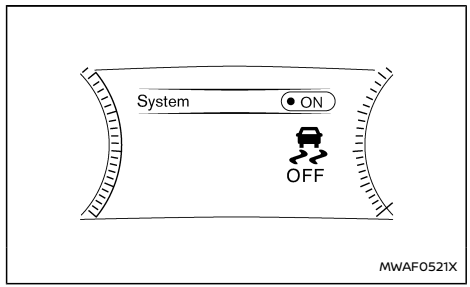
⚠ WARNING

- **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 electric vehicle 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 electric vehicle 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 electric vehicle system output to reduce wheel spin. The electric vehicle system speed will be reduced even if the accelerator is depressed to the floor. If maximum electric vehicle 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 job 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 electric vehicle system to turn on the ESP system.

BRAKE FORCE DISTRIBUTION

During braking while driving through turns, the system optimizes 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 indicator light may flash or both the and OFF 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 OFF indicator lights may illuminate.**
- **If electric vehicle system control related parts are not NISSAN recommended or are extremely deteriorated, both the and OFF 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 OFF 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 OFF indicator lights may illuminate. This is not a malfunction. Restart the electric vehicle 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 OFF indicator lights may illuminate.**
- **The ESP system is not a substitute for winter tyres or tyre chains on a snow covered road.**

CHASSIS CONTROL

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 "Settings" (P.122).)

When the ESP system is turned off, the Intelligent Trace Control is also turned off. Amount of brake control is changed based 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 Error] 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.128).)

⚠ 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:

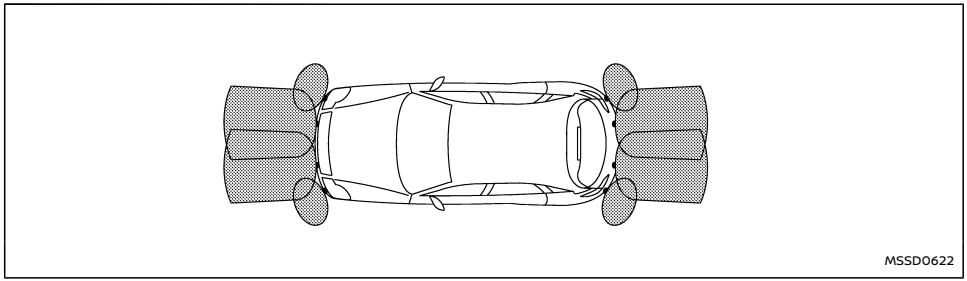
- The transmission is shifted to a forward or reverse gear.
- The vehicle is stopped completely on a hill by applying the brake.

When the system is in operation, the Hill Start Assist system indicator light is illuminated. See "Hill Start Assist system indicator light" (P.118).

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.117).)


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.**

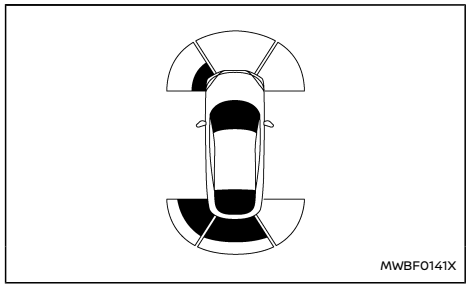
SYSTEM OPERATION

The system informs with a visual and audible signal of front obstacles when the shift lever is in the D (Drive) position and both front and rear obstacles when the shift lever is in the R (Reverse) position.

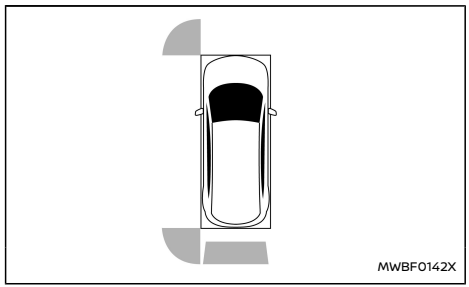
The system is deactivated at speeds above 10 km/h (6 MPH). It is reactivated at lower speeds.

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.

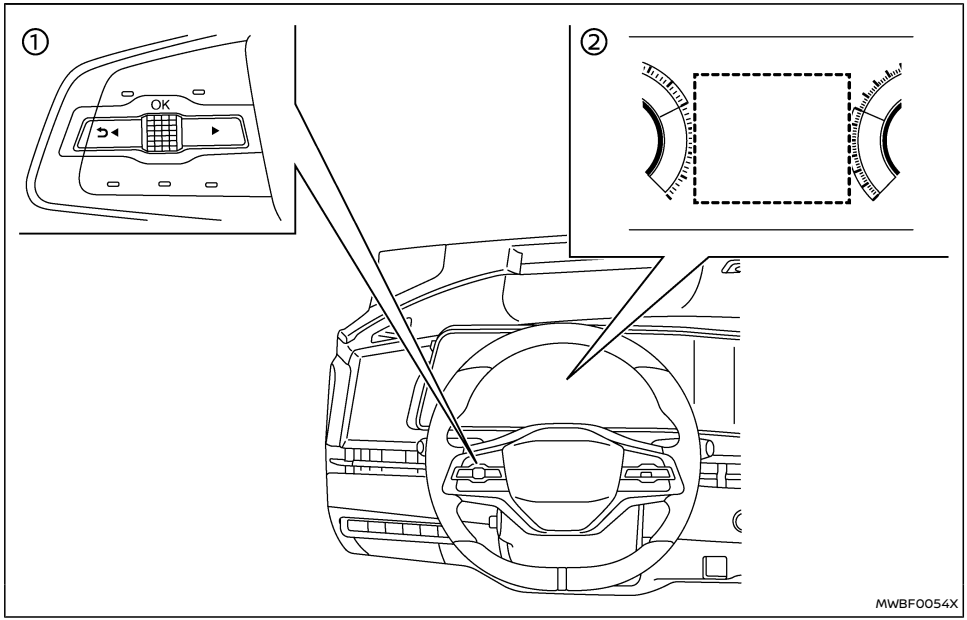

MWBF0141X

When the vehicle moves closer to an obstacle, the parking sensor indicator (detected area) appears in the vehicle information display.


MWBF0142X

The parking sensor indicator also appears on the camera view of the centre display (where fitted).

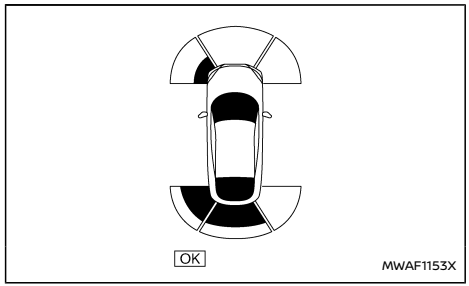
HOW TO ENABLE/DISABLE THE PARKING SENSOR (sonar) SYSTEM



① Steering-wheel-mounted control (left side)

② Vehicle information display

The system is automatically activated when the power switch is in the ON position and the shift lever is in the D (Drive) or R (Reverse) position.



NOTE:

When the shift lever 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.309).)

- Moving Object

  — Turns ON/OFF the Moving Object Detection (MOD) (See "Moving Object Detection (MOD) (where fitted)" (P.231).)

- 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.

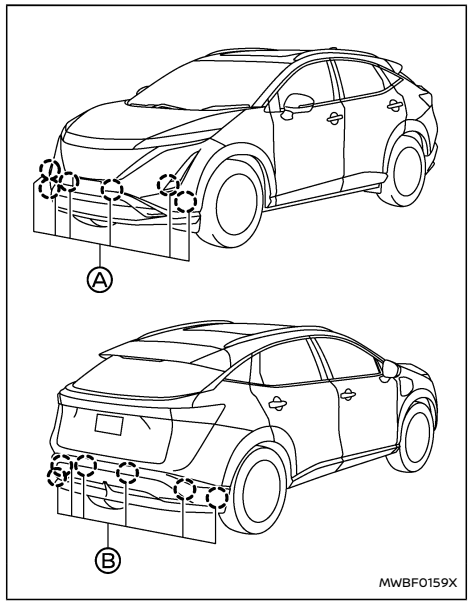
The system is not available until the conditions no longer exist.

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



Example

The parking sensors (sonar) Ⓐ and Ⓑ (8 or 12) 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).

PROPILOT PARK (where fitted)

ProPILOT Park is a function that supports parallel parking, reverse bay parking, and forward bay parking.

It uses the camera system and parking sensor (sonar) to detect the parking position, and controls the accelerator, brake, steering wheel, and shifting operations in order to support the series of parking operations.

⚠ WARNING

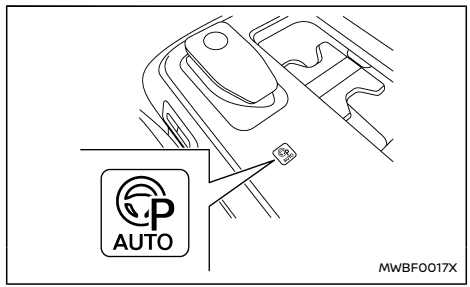
- **There is a limit to ProPILOT Park performance.**

  The responsibility for safe driving is borne by the driver. Therefore, in the same way as with ordinary driving, check the surrounding conditions directly by visual confirmation or using the mirrors. Apply the brakes to stop the vehicle if it appears that the vehicle will hit a surrounding vehicle, person, or object.
- **There are limitations to the parking sensor (sonar) and cameras. The parking positions or steering cut backs may not be adjusted correctly because the system cannot detect the obstacles.**

  For details, see "Parking sensor (sonar) detection conditions and limitations" (P.413) and "Intelligent Around View Monitor detection conditions and limitations" (P.414).
- **Do not touch the spokes of the steering wheel during steering control.**

  There is the possibility that hands or fingers may become caught, causing injury. Also, exercise sufficient caution so that neckties, scarves, and other item do not become caught. There is the possibility of an unexpected accident.

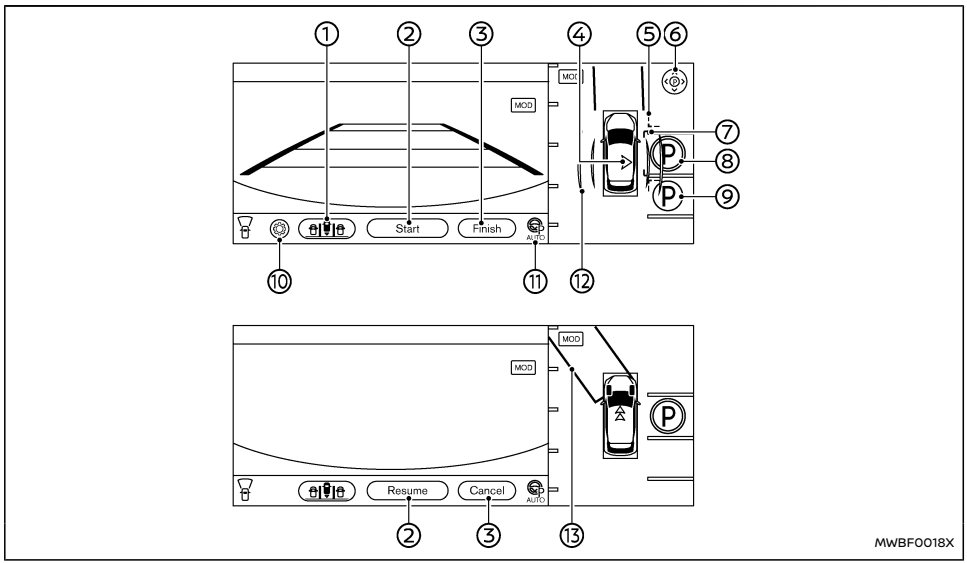
PROPILOT PARK SWITCH



Push this switch to activate ProPILOT Park.

ProPILOT Park is displayed on the navigation system screen.

PROPILOT PARK SCREEN



1. **Parking method selection icon:**

   Indicates the parking method that is currently selected. Touch to change the parking method. Refer to "Selecting the parking method" (P.402).

2. **[Start]/[Resume]:**

   Touch this key to start the ProPILOT Park control.

3. **[Finish]/[Cancel]:**

   Touch this key to deactivate ProPILOT Park.

4. **Parking space detection icon:**

   Indicates which side of parking space is detected during parking space search.

   ▷ : A parking space is detected on the right side.

   ◁ : A parking space is detected on the left side.

5. **Clearance Guidelines (Red):**

   Indicates the approximate area that the vehicle will pass through when parking control is active.

6. **Parking guide box adjustment icon ( ):**

   Touch this key to adjust the location of the parking guide box. Refer to "Adjusting the parking position" (P.409).

7. **Parking guide box (Green):**

   This indicates the approximate position where the vehicle will be parked. The box turns light blue when parking control is active.

8. **Ⓟ sign (Blue):**

   Indicates the position where the vehicle will be parked.

9. **Ⓟ sign (Colourless):**

   Indicates a selectable parking position besides the selected parking position. When touched, the icon will change to blue.

10. **Settings icon ( ):**

    Touch this icon to change the ProPILOT Park settings.

11. **ProPILOT Park control icon ( ):**

    The ProPILOT Park control status is indicated by colours.

    Green: The parking control is active.

    Grey: The parking control is not active.

12. **Parking space search area guidelines (Light blue):**

Indicates that the system is currently searching for a parking space. Lines are also used as a guide for vehicle positioning during space searching. Refer to “About the ProPILOT Park parking methods” (P.407).

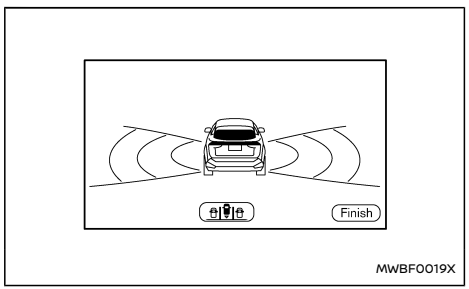
13. **Direction change position rectangle (Green):**

    Indicates the position at which to make the next shift change.

NOTE:

When the wipers are operating or when water or other substances on the camera lens is detected, the sign is displayed. When the sign is displayed, the detectable parking positions are restricted.

When vehicle speed becomes 10 km/h or higher



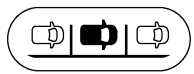
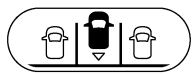
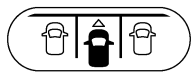
When the vehicle speed becomes approximately 10 km/h or higher while parking position detection is in progress, the screen changes. When the vehicle speed drops to approximately 10 km/h or less, the screen returns to the regular ProPILOT Park screen.

SELECTING THE PARKING METHOD

The parking method can be changed by touching the parking method selection icon before touching [Start].

The parking method changes each time the parking method selection icon is touched.

Available methods

Parallel parking 	Supports reversing into a parking space where vehicles are parked in line with one another.
Bay reverse parking 	Supports reversing into a parking space where vehicles are parked next to one another.
Bay forward parking 	Supports parking forward in a parking space where vehicles are parked next to one another.

PROPILOT PARK OPERATION

Parallel parking

1. **Drive forward at reduced speed.**
2. **Push the ProPILOT Park switch.**

   ProPILOT Park activates.
3. **Drive slowly forward and the system will search for a parking space.**

   The system will provide a chime and indicates Ⓟ when a parking spot is detected and when the vehicle has reached the proper position for reversing. Depress the brake pedal to stop the vehicle.
4. **Keep the brake pedal depressed and touch [Start] on the screen.**

   The ProPILOT Park control icon turns green and the brakes are applied automatically to keep the vehicle stopped. Parking control cannot be started if the system determines that movement to the parking position is not possible due to an obstacle detected by the parking sensors (sonar) and cameras.

   In that case, park the vehicle manually.
5. **Release the brake pedal and the vehicle moves toward the direction change position rectangle (in the direction of the arrow on the vehicle icon).**

   Depress the brake pedal and adjust the vehicle speed depending on the surrounding conditions.

6. **When the vehicle enters the next direction change position rectangle (green), the shift lever automatically changes.**

   If it is not possible to proceed until the vehicle reaches the direction change position rectangle (green) because of an obstacle, depress the brake pedal and stop the vehicle near the obstacle. Change the shift lever position to change the direction. Refer to "Changing the direction of parking control travel" (P.409).

7. **When the vehicle is in the parking guide box (light blue), the vehicle stops and parking control ends.**

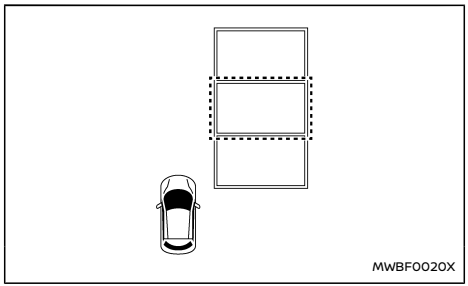
   A sound and the display notify the driver when parking control ends.

   At this time, the shift position changes to P (Park) and the electric parking brake is activated.

   Parking control may end automatically before the vehicle is in the parking guide box (light blue). Refer to "Automatic deactivation while parking control in progress (while vehicle is in motion)" (P.406).

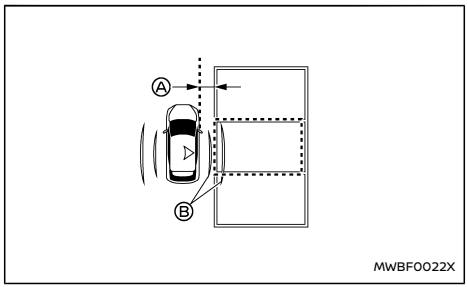
   If it is not possible to reach the parking guide box due to an obstacle or some other reason, depress the brake pedal to stop the vehicle, then touch [Cancel] on the screen to deactivate ProPILOT Park. Park the vehicle manually or move the vehicle to a more suitable position.

Bay parking


MWBF0020X

1. **Stop the vehicle near the place you wish to park.**
2. **Push the ProPILOT Park switch.**

   ProPILOT Park activates.



MWBF0022X

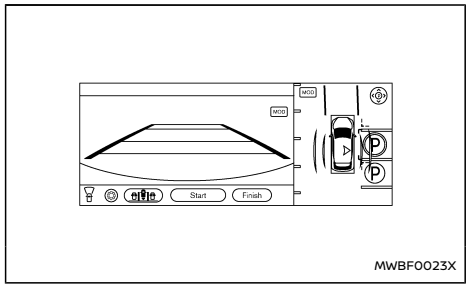
Ⓐ Approximately 1m (3 ft)

Ⓑ Parking space search area guidelines (Light blue)

3. **Drive slowly forward and stop next to the desired parking space (at a distance of approximately 1m (3 ft)).**

   Stop the vehicle so that the parking space detection icon ▷ is pointing near the centre of the desired parking space. See "Bay parking" (P.408).

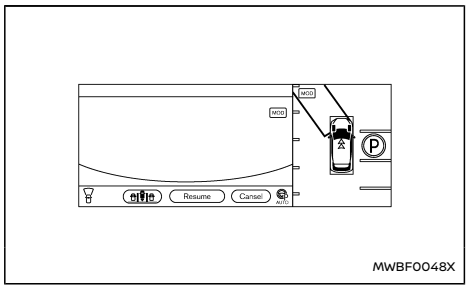
   Position the vehicle so that the end line of the parking space is in between the parking space search area guidelines (Light blue) for easier detection.



MWBF0023X

4. **While the vehicle is stopped, check that Ⓟ is displayed in the desired parking space.**

   Check that it is possible to park in the space indicated by Ⓟ. Check that there are no obstacles in the parking space and the surrounding area, and check that the space is large enough to park in.

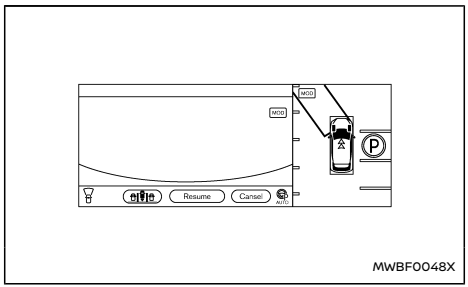


MWBF0048X

5. **Keep the brake pedal depressed and touch [Start] on the screen.**

   The ProPILOT Park control icon turns green and the brakes are applied automatically to keep the vehicle stopped. Parking control cannot be started if the system determines that movement to the parking position is not possible due to an obstacle detected by the parking sensors (sonar) and cameras.

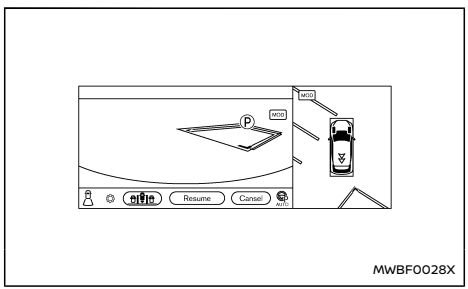
   In that case, park the vehicle manually.



MWBF0048X

6. **Release the brake pedal and the vehicle moves toward the direction change position rectangle (in the direction of the arrow on the vehicle icon).**

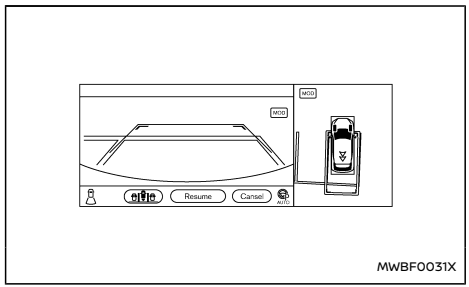
   Depress the brake pedal and adjust the vehicle speed depending on the surrounding conditions.



MWBF0028X

7. **When the vehicle enters the direction change position rectangle (green), the shift position automatically changes and the vehicle moves backwards.**

   If it is not possible to proceed until the vehicle reaches the direction change position rectangle (green) because of an obstacle, depress the brake pedal, and stop the vehicle near the obstacle. Change the shift lever position to change the direction. Refer to "Changing the direction of parking control travel" (P.409).



MWBF0031X

8. **When the vehicle is in the parking guide box (light blue), the vehicle stops and parking control ends.**

   A sound and the display notify the driver when parking control ends.

   At this time, the shift position changes to P (Park) and the electric parking brake is activated.

   Parking control may end automatically before the vehicle is in the parking guide box (light

blue). Refer to “Automatic deactivation while parking control in progress (while vehicle is in motion)” (P.406).

If it is not possible to reach the parking guide box due to an obstacle or some other reason, depress the brake pedal to stop the vehicle, then touch [Cancel] on the screen to deactivate ProPILOT Park. Park the vehicle manually or move the vehicle to a more suitable position.

NOTE:

- **ProPILOT Park can also be activated by touching [CAMERA] on the navigation system and then touching AUTO on the Intelligent Around View Monitor screen.**
- **While ProPILOT Park is activated, the volume of the audio system and other sounds are reduced.**
- **If the parking guide box does not display a position where parking is actually possible (due to the presence of an obstacle or a street gutter), manually set a suitable parking position. Refer to “Adjusting the parking position” (P.409).**
- **If the [Detect parallel spaces on either side] setting is activated and parking spaces are detected on both sides. The turn signal switch can be used to select the desired side if parking spaces on both sides are detected.**
- **Even if the system detects the parking space once, the detected parking space may disappear or parking may not be started depending on the circumstances of obstacles such as the width of the aisle.**
- **When parking control is started, the parking sensor (sonar) function automatically turns on. When ProPILOT Park deactivates, the parking sensor (sonar) returns to the condition that it was set to on the vehicle information display.**
- **While parking control is active, the screen will not change even if <MAP>, <MENU>, or <AUDIO> is touched.**
- **Touching [CAMERA] deactivates ProPILOT Park. For additional details, see “ProPILOT Park deactivation” (P.406).**
- **Parking control cannot be started in the following cases. After the conditions are corrected, parking control can be started.**
  - **The driver’s seat belt is not fastened.**
  - **The electric parking brake is activated.**
  - **The ESP system is turned off.**
- **Parking control cannot be started when the vehicle is on a steep slope. Park the vehicle manually.**
- **When the ProPILOT Park system changes the driving direction of the vehicle there is a slight pause.**
- **Parking control may automatically end when the system determines that movement to the parking position is not possible due to an obstacle detected by the parking sensors (sonar) or cameras. Move the vehicle to a more suitable position.**
- **If the Clearance Guidelines contact a parked vehicle or another obstacle, the parking sensor (sonar) may detect an obstacle and stops the vehicle, hindering the system from completing the parking procedure.**
- **The turn signal is activated automatically, in the direction of the parking space when touching [Start] on the screen.**
- **The route to the parking position and the number of steering cut backs vary depending on the set parking position and the position of the obstacles detected by the parking sensors (sonar) and cameras.**

PROPILOT PARK PAUSE

Automatic stop of parking control

In the following cases, the brakes are applied automatically and the vehicle stops.

- An obstacle in the direction of travel was detected.
- The driver’s seat belt was unfastened.

Parking control can be resumed by touching [Resume] on the screen while depressing the brake pedal after confirming that the conditions have been corrected.

NOTE:

- **When parking control is resumed, the shift position automatically changes to D (Drive) or R (Reverse).**
- **When parking control is resumed after the vehicle was stopped due to detection of an obstacle, the direction of travel changes and**

steering cut backs are used to continue parking control.

- **Parking control cannot be resumed when the system determines that movement to the parking position is not possible due to an obstacle detected by the parking sensors (sonar) and cameras.**
- **Parking control cannot be resumed if the driver's seat belt is not fastened.**

PROPILOT PARK DEACTIVATION

Touch [Finish] or [Cancel] on the screen to deactivate ProPILOT Park.

If ProPILOT Park is deactivated while parking control is in progress, the brakes are applied automatically, the vehicle stops, and the electric parking brake is activated. At this time, the shift position changes to P (Park).

Automatic deactivation during parking position detection

⚠ WARNING

Depress the brake pedal if ProPILOT Park automatically deactivates during parking position detection. The brakes are not automatically applied and it may cause an unexpected accident.

In the following cases, ProPILOT Park automatically deactivates.

- The door of the driver seat, passenger seat, either rear seat or the liftgate was opened.
- The vehicle drove 500 m or more after ProPILOT Park was activated.
- Vehicle speed exceeded approximately 30 km/h.
- The outside mirrors were folded.
- The screen was switched by touching the [MAP] or [CAMERA] key.
- A system malfunction was detected.

Automatic deactivation while parking control in progress (while vehicle is in motion)

In the following cases, ProPILOT Park deactivates automatically.

If ProPILOT Park is deactivated automatically while parking control is in progress, the brakes are applied automatically, the vehicle stops, and the electric parking brake is activated. At this time, the shift position changes to P (Park).

- The driver operates the steering wheel.
- The driver operates the accelerator pedal.
- The driver's door, front passenger's door, either of the rear doors or the liftgate was opened.
- The electric parking brake was activated.
- The shift position was changed.
- The [CAMERA] key was touched.
- The outside mirrors were folded.
- The ProPILOT Park switch was pushed.
- The system determined that movement to the parking position is not possible due to an obstacle or some other reason.
- The system decided that there was a large deviation in the parking position used for parking control.
- The ESP system was turned off.
- The ESP/TCS/ABS was activated.
- The vehicle speed exceeded approximately 8 km/h.
- A system malfunction was detected.
- Any of the following conditions are met in a location close to the parking position.
  - An obstacle in the parking path was detected.
  - The driver's seat belt was unfastened.

Automatic deactivation while parking control in progress (while vehicle is not in motion)

In the following cases, the user is notified by sound and the display and ProPILOT Park automatically deactivates.

At this time, the electric parking brake is activated and the shift position changes to P (Park).

- The driver's door, front passenger's door, either of the rear doors or the liftgate was opened.
- The driver operates the accelerator pedal.
- The electric parking brake was activated.
- The shift position was changed to N (Neutral) or P (Park).
- 1 minute or more passed after ProPILOT Park is in pausing status.
- The [CAMERA] key was touched.

- The outside mirrors were folded.
- The ESP system was turned off.
- The ESP/TCS/ABS was activated.
- A system malfunction was detected.
- The ProPILOT Park switch was pushed.

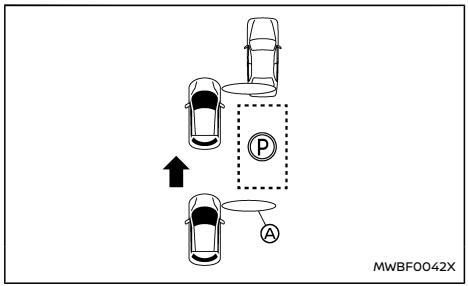
ABOUT THE PROPILOT PARK PARKING METHODS

Parallel parking (Sonar detection)

Pass the parking position at a distance of less than approximately 1m (3 ft) Ⓐ next to the desired parking place.

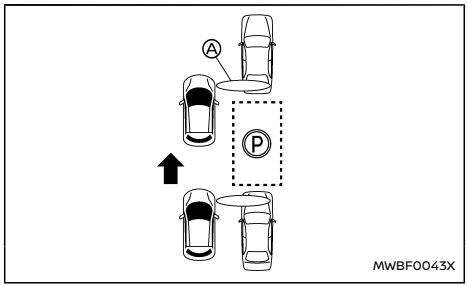
If the distance from the parking position is too large, it may not be possible to detect obstacles.

Parking position accuracy depends on object position and angle.



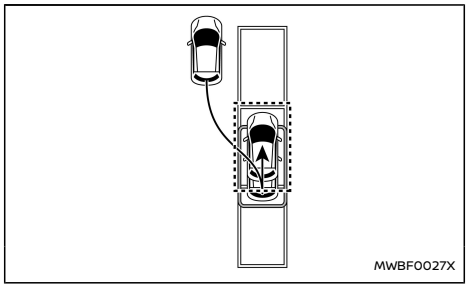
Example with parking space before obstacle

Ⓐ Sensor detection range



Example with parking space between obstacles

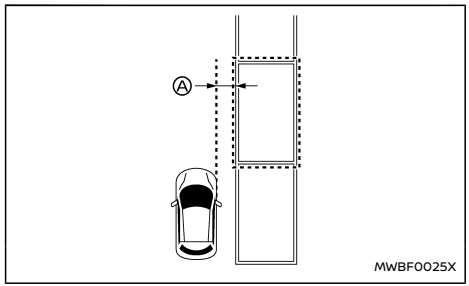
Ⓐ Sensor detection range



Parking is performed using a route such as that shown in the illustration.

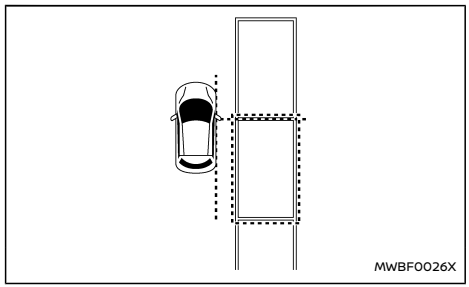
The parking route and number of switch-backs vary depending on the parking position and the positions of the surrounding obstacles.

Parallel parking (Line detection)



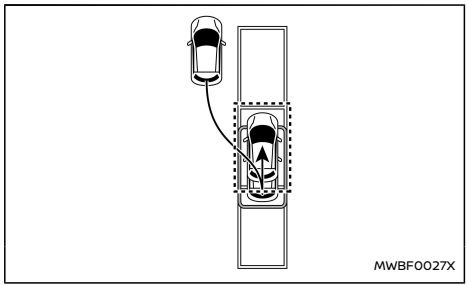
Approach the parking position at a distance of approximately 1 m (3 ft) Ⓐ next to the desired parking place.

If the distance from the parking position is too large, it may not be possible to detect obstacles or the parking space lines. Refer to “Parking position detection function” (P.410).



Drive slowly forward and depress the brake pedal to stop the vehicle when parallel to the parking position.

Stop the vehicle so that the front doors are positioned at the forward edge of the desired parking space.

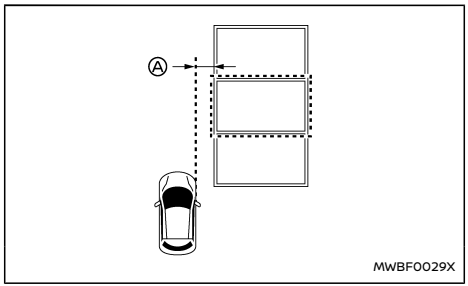


Example: route starting backwards

Parking is performed using a route as shown in the illustration. Depending on the obstacles and distance to the parking position, parking operation may start by reversing.

The parking route and number of switch-backs vary depending on the parking position and the positions of the surrounding obstacles.

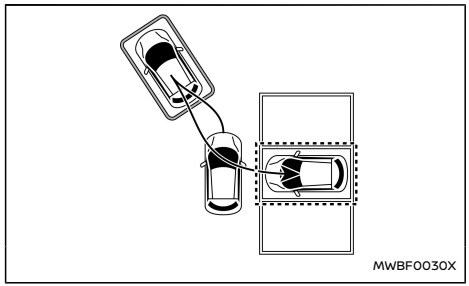
Bay parking



Approach the parking position at a distance of approximately 1 m (3 ft) Ⓐ next to the desired parking place.

If the distance from the parking position is too large, it may not be possible to detect obstacles, or it may not be possible to detect the parking space lines. Refer to “Parking position detection function” (P.410).

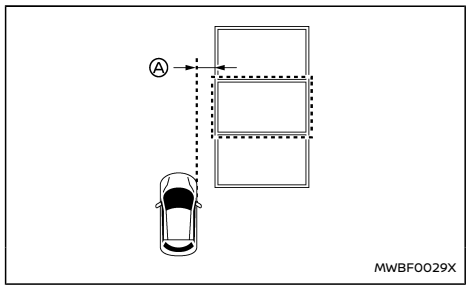
Drive slowly and stop the vehicle so that the vehicle is perpendicular to the parking space. Stop the vehicle to position the front doors are at the centre of the desired parking space.



Parking control is performed using a route as shown in the illustration.

The parking route and number of switch-backs vary depending on the parking position and the positions of the surrounding obstacles.

Forward parking

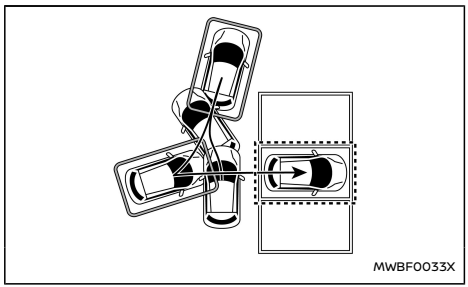


Approach the parking position at a distance of approximately 1 m (3 ft) Ⓐ next to the desired

parking place.

If the distance from the parking position is too large, it may not be possible to detect obstacles or the parking space lines.

Drive slowly and stop the vehicle so that the vehicle is perpendicular to the parking space. Stop the vehicle to position the front doors are at the centre of the desired parking space.

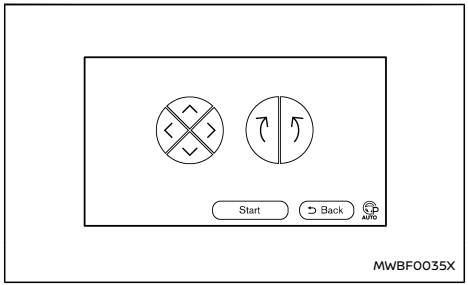


Parking control is performed using a route as shown in the illustration.

The parking route and number of switch-backs vary depending on the parking position and the positions of surrounding obstacles.

ADJUSTING THE PARKING POSITION

The parking position can be adjusted manually when parallel parking or bay parking is selected as a parking method.



1. **Depress the brake pedal and stop the vehicle, then touch the parking guide box adjustment icon on the screen.**

   When Ⓟ is displayed, the parking guide box is displayed in the Ⓟ position.

   If no parking position is detected or parking position is off the screen, the parking guide box is displayed in the default position.

2. **Touch the arrow on the screen for fine adjustments.**

NOTE:

- **The displayed Clearance Guidelines indicate the guides of the area where a part of the vehicle may enter when moving to the parking position. Smooth parking is possible when vehicles, poles, and other obstacles are on the outside of the Clearance Guidelines.**
- **Touch the left side of the screen to move the parking guide box.**
- **The parking guide box direction can be changed by operating the turn signal switch.**

CHANGING THE DIRECTION OF PARKING CONTROL TRAVEL

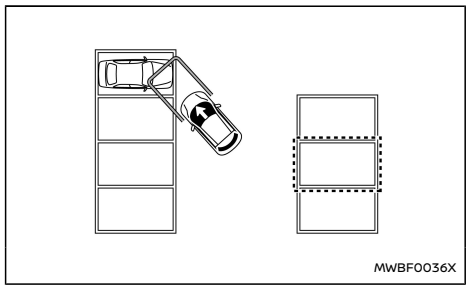
If there is an obstacle (such as a pole) or a location lower than ground level (such as a ditch or cliff) in the vehicle's direction of travel, depress the brake pedal to stop the vehicle.

Use the shift lever to change the direction of travel to resume parking control.

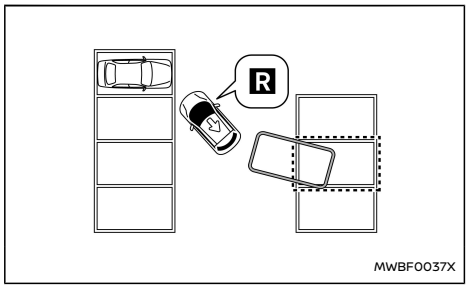
NOTE:

Parking control cannot be resumed if the system determines that movement to the parking space is not possible due to an obstacle detected by the parking sensors (sonar) or cameras.

(Example) When there is a parked vehicle



1. **Depress the brake pedal to stop the vehicle.**



2. **Use the shift lever and change the direction of travel.**

   When [Resume] is touched, parking control is resumed.

PARKING POSITION DETECTION FUNCTION

The cameras and parking sensors (sonar) are used to detect the parking position. Multiple parking positions can be detected.

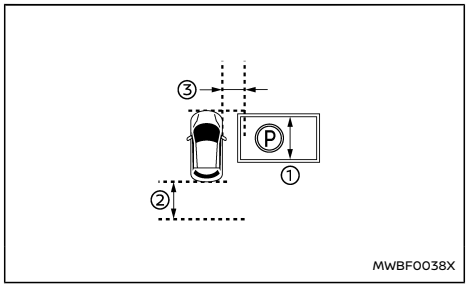
The parking space lines are recognised using the cameras, and the parking positions are displayed.

A parking position is not displayed if the parking sensors (sonar) detect an obstacle inside the detected parking space.

NOTE:

If the lens of the front view, side view, or rear view camera is dirty or there are water drops or some other substance adhering to it, the detectable parking positions may be restricted.

When bay parking or forward parking is selected



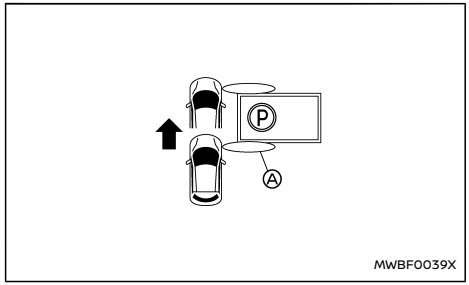
① Approximately 2.3 m (8 ft).

② Approximately 2 m (6 ft).

③ Approximately 1 m (3 ft).

A parking position is detected under the following conditions:

- Parking spaces of approximately 2.3 to 2.5m (6.5 to 8 ft) width ① are recognised.
- Parking space lines composed of single lines or U-shaped space lines are recognised.
- Parking space lines with a width of approximately 15 cm (6 inches) are recognised.
- Recognition occurs when there are parking space lines located within the range from the front edge of the vehicle to approximately 2 m (6 ft) from the rear edge of the vehicle ②.
- Recognition occurs when a parking space is located approximately 1 m (3 ft) from the vehicle ③.
- If [Auto. detect parking space on either side] is turned on, parking positions on both sides of the vehicle are detected. Refer to “ProPILOT Park settings” (P.413).

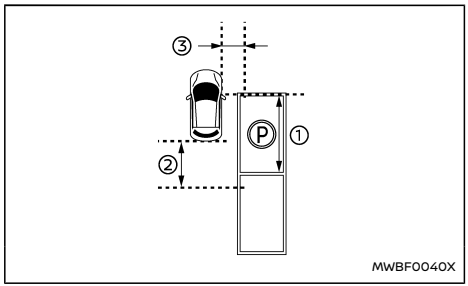


Ⓐ Sensor detection range

A parking position is not displayed when the detection range of the front sensors (sonar) passes through the parking space detected by cameras and an obstacle is detected.

Obstacles in parking spaces located beyond the sensor detection range cannot be detected.

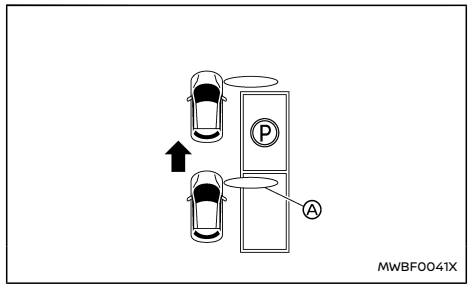
When parallel parking is selected



① Approximately 5 m (15 ft).
② Approximately 3 m (10 ft).
③ Approximately 1 m (3 ft).

A parking position is detected under the following conditions.

- Parking spaces of approximately 5 to 6 m (15 to 18 ft) length ① are recognised.
- Parking space lines composed of single lines are recognised.
- Parking space lines with a width of approximately 15 cm (6 inches) are recognised.
- Recognition occurs when there are parking space lines located within the range from the driver's door to approximately 3 m (10 ft) from the rear edge of the vehicle ②.
- Recognition occurs when a parking space is located approximately 1 m (3 ft) from the vehicle ③.
- If [Auto. detect parking space on either side] is turned on, parking positions on both sides of the vehicle are detected. Refer to "ProPILOT Park settings" (P.413).



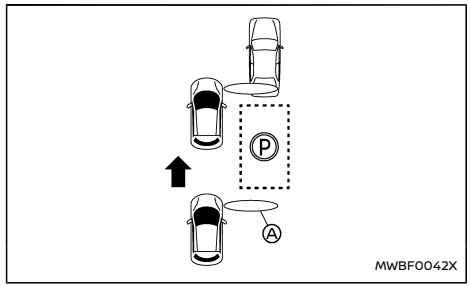
Ⓐ Sensor detection range

A parking position is not displayed when the detection range of the front sensors (sonar) passes through the parking space detected by cameras and an obstacle is detected.

Obstacles in parking spaces located beyond the sensor detection range cannot be detected.

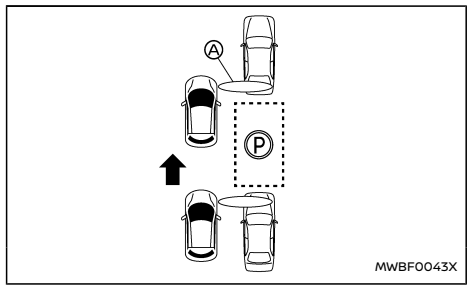
If the parking space lines are not recognised, the parking sensors (sonar) are used to detect the parking space based on the surrounding obstacles.

Depending on the positions and angles of the surrounding obstacles, the parking guidance box may deviate.



Example with parking space before obstacle

Ⓐ Sensor detection range



Example with parking space between obstacles

Ⓐ Sensor detection range

CAMERAS AND PARKING SENSORS (sonar) USED FOR PROPILOT PARK

Cameras

The Intelligent Around View Monitor cameras are used.

For maintenance, see "System maintenance" (P.230).

Parking sensors (sonar)

12 parking sensors (sonar) located on the front, rear, left, and right are used.

For maintenance, see "System maintenance" (P.399).

PROPILOT PARK PRECAUTIONS

⚠ WARNING

- **Never attempt to drive while looking only at the screen. There is the risk of hitting an obstacle or causing an unexpected accident.**
- **Pay attention to the movement of vehicles and persons in the surrounding area. Parking support is provided by making effective use of the detected path. Pay attention to the movements of oncoming vehicles, following vehicles, and pedestrians when operating parking control.**
- **When parking support by ProPILOT Park is no longer necessary, deactivate ProPILOT Park. If ProPILOT Park remains activated, there is the risk of an unexpected accident.**
- **Before exiting the vehicle, check that the electric parking brake is activated and that the shift position is in P (Park).**
- **Before using ProPILOT Park, check directly to confirm that there is sufficient space around the vehicle for the steering cut backs and other parking operations to be performed.**
- **Depending on the circumstances, noise from inside or outside the vehicle may prevent the driver from hearing the warning sound.**
- **Operate the turn signal switch during parking control to inform the surroundings of the vehicle moving direction.**
- **Do not use ProPILOT Park in the following circumstances:**
  - **— In a location where the traffic is heavy with persons and vehicles**
  - **— In a location where stopping or parking is prohibited**
  - **— In a location that is too narrow for the vehicle to fit**
  - **— In a location where parking is not possible due to a hole, ditch, etc.**
  - **— In a location where the street width is narrow**
  - **— On a steep slope**
  - **— On a gravel, dirt, or unpaved road**
  - **— On a slippery surface, such as snow or ice**
  - **— On a road that is not flat due to inclination, steps, kerbs, wheel ruts, or other reasons**
  - **— On a road where the asphalt has melted due to exposure to excessive heat**
  - **— In a location where a road heater (heater for preventing the road surface from freezing) is installed in the parking area**
  - **— In a mechanical parking area or location where there are obstacles in the parking spaces**
  - **— When the vehicle is overloaded**
  - **— When worn tyres, an emergency tyre or tyre chains are being used**
  - **— When the tyre air pressure is not correct**
  - **— When a towing hook or similar item is installed**
  - **— When an object is attached that interferes with the camera's field of view**
  - **— When the camera images are difficult to see due to dirt, sunlight, shadows, or other reasons**
  - **— When the outside mirror is not all the way open**
  - **— When the cameras are not properly installed**
  - **— When an item is installed on the bumper that interferes with the parking sensors' (sonar) performance**

— When there is a dent or other irregularity in the bumper

— When there is rain, snow, mud, or some other substance adhering to the parking sensors (sonar)

— When the loaded vehicle is tilted due to carrying an extremely heavy load or carrying a load only on one side

CAUTION

Car stops cannot be detected and there is some possibility that kerbs cannot be detected. Depress the brake pedal to stop the vehicle if the wheels appear to hit a kerb or the vehicle appears to pass over a car stop. There is the risk of damage to the vehicle.

PROPILOT PARK MALFUNCTIONS

If there is an abnormality in the system, a warning message is displayed on the screen, the colour of the ProPILOT Park control icon changes to orange, and ProPILOT Park is automatically deactivated. If a warning is displayed while the system is in use, stop the vehicle in a safe location and place the power switch in the OFF position and then place it back in the ON position.

If it is not possible to activate ProPILOT Park after performing the above, there may be a malfunction in the system. This does not interfere with ordinary driving. However, the system should be inspected by a knowledgeable repairer such as a NISSAN certified electric vehicle dealer.

PROPILOT PARK SETTINGS

1. Touch the "⚙" key on the ProPILOT Park screen.
2. Touch [Parking].
3. Select the setting item.

Available items:

- [Use the last selected parking mode]

  When this item is turned on, the parking method that was most recently used will be selected.

  When the item is turned off, parallel parking will be selected.

- [Detect parallel spaces on either side]

  When this item is turned on, parking positions on the both sides of the vehicle will be detected.

  When the item is turned off, only parking positions on the side last time ProPILOT Park used will be detected.

  If the turn signal switch is operated in this state, parking spaces on that side of the vehicle will be detected.

- [Parking mode]

  The parking methods which can be selected on the ProPILOT Park screen can be set.

  The parking methods that are turned on can be selected each time the parking method selection icon is touched.

  The parking methods that are turned off cannot be selected by touching the parking method selection icon.

  See also "Selecting the parking method" (P.402).

PARKING SENSOR (sonar) DETECTION CONDITIONS AND LIMITATIONS

⚠ WARNING

The parking sensor (sonar) system has some limitations. For details, see "Parking sensor (sonar) system limitations" (P.398).

- Under conditions such as the following, the brakes may be applied or correct parking control may not be possible.
  - — When there is rain, snow, ice, dirt, or some other substance adhering to the parking sensors (sonar)
  - — When there is a loud noise in the surrounding area
  - — When there is a device generating ultrasound (including vehicles equipped with sensors (sonar)) in the surrounding area
  - — When there is thick grass in the surrounding area
  - — When passing near a structure with bumps or depressions
  - — When there is a structure (such as a wall, toll collection equipment, or parking area gate) located nearby to the side of the vehicle
  - — When there is a step, projecting object, or drain cover on the road

— When passing under a hanging flag, plastic curtain, or similar object
— When there are clumps of snow around the vehicle

INTELLIGENT AROUND VIEW MONITOR DETECTION CONDITIONS AND LIMITATIONS

⚠ WARNING

The Intelligent Around View Monitor has some limitations. For details, see "Intelligent Around View Monitor (where fitted)" (P.222).

- Under conditions such as the following, the Intelligent Around View Monitor cameras may be unable to detect an obstacle and/or the parking position correctly.
  — When the vehicle gets wet with rain or water
  — When the surroundings are dark, such as at night, when in underground locations or in an above-ground parking garage
  — When parking space lines are not clearly visible due to bad weather (rain, snow, fog, dust, sand or snowstorms)
  — When the camera lens is clouded due to contact with water
  — When strong light from the sun or streetlights shines on the road
  — When the road surface is wet and shining, such as during or after rain, or when there are puddles on the road
  — When sunlight shines into the camera, such as in the morning or in the evening
  — When the camera lens is dirty or there are water drops adhering to it
  — When an object is attached that interferes with the camera field of view
  — When strong light (for example, sunlight or high beams from oncoming vehicles) enters the front camera
  — When vehicle's driving posture changed significantly due to sudden braking or loads
  — A sudden change in brightness occurs (for example, when the vehicle enters or exits a tunnel or shaded area or lightning flashes)
  — When driving on a steep downhill or slope or roads with sharp curves
  — People with postures other than upright standing or walking, such as leaning forward, etc.
  — People in a vehicle
  — People pushing shopping carts, strollers, etc.
  — People in clothes such as raincoats or dresses whose outlines are obscured
  — People who have an umbrella or a large bag and have a part of their body hidden
  — A pedestrian' profile is not recognised because he or she has a large luggage or wearing a cloth of the same colour as the background.

PROPILOT PARK DETECTION CONDITIONS AND LIMITATIONS

- Under conditions such as the following, the brakes may be applied or correct parking control may not be possible.
  — When there is rain, snow, ice, dirt, or some other substance adhering to the parking sensors (sonar)
  — When there is a loud noise in the surrounding area
  — When there is a device generating ultrasound (including vehicles equipped with sensors (sonar)) in the surrounding area
  — When there is thick grass in the surrounding area
  — When passing near a structure with bumps or depressions
  — When there is a structure (such as a wall, toll collection equipment, or parking area gate) located nearby to the side of the vehicle
  — When there is a step, projecting object, or drain cover on the road
  — When passing under a hanging flag, plastic curtain, or similar object
  — When there are clumps of snow around the vehicle
- The system may not work properly under the following condition.
  — When the vehicle is equipped with non-original tyres
- Under conditions such as the following, correct parking control to the set position may not be possible. As necessary, move the

vehicle to a more suitable position.
  - When the road surface is not flat
  - When the vehicle is tilted due to carrying an extremely heavy load or carrying a load only on one side
- Under conditions such as the following, it may be impossible or difficult to detect a parking position.
  - When the vehicle is too close to the parking space
  - In a parking area without parking space lines where the spaces are created with rope, blocks, or other means
  - When the parking space lines are not clearly visible due to fading or dirt
  - When the contrast between the road and parking space lines is low
  - When the parking space lines on the road are yellow or some other colour besides white
  - When the parking space is extremely narrow or wide
  - When the parking space lines are extremely short
  - When the parking space lines are extremely narrow or wide
  - When the parking space lines are not parallel in the camera image due to inclination of the parking area or some other reason
  - When the parking space lines are connected to diagonal lines or other markings
  - When the shadow of the vehicle, shade from trees, or other shadows are on the parking space lines
  - When there is a neighboring vehicle or some other obstacle on the parking space lines
  - When there is an obstacle in the parking space
  - When the surroundings are dark, such as at night, when in underground locations or in an above-ground parking garage
  - When parking space lines are not clearly visible due to bad weather (rain, snow, fog, dust, sand or snowstorms)
  - When the camera lens is clouded due to contact with water
  - When the sun or streetlights are reflecting on the road
  - When strong light from the sun or streetlights shines on the road
  - When the road surface is wet and shining, such as during or after rain, or when there are puddles on the road
  - When sunlight shines into the camera, such as in the morning or in the evening
  - When the camera lens is dirty or there are water drops adhering to it
  - When an object is attached that interferes with the camera field of view
  - When there is a step, gutter, road painting, repainted line, or similar item
  - When there is accumulated snow or snow-melting agents
  - When the parking area is paved with stones or greenery
  - When there is a noise pattern image in the parking space on the screen
  - When letters or other characters are painted in the parking space
  - When the road colour and brightness are not even
  - When the vehicle is stopped inclined relative to the parking space
  - When the street width is narrow
  - When there is an obstacle in front of the vehicle
  - When there is rain, snow, ice, dirt, or some other substance adhering to the parking sensors (sonar)
  - When there is a loud noise in the surrounding area
  - When there is a device generating ultrasound (including vehicles equipped with sensor (sonar)) in the surrounding area
  - When there is thick grass in the surrounding area
  - When there is a step, projecting object, or drain cover on the road
  - When there are clumps of snow around the vehicle
- Under conditions such as the following, the parking position may not be detected in the correct location.
  - When there is light that looks like parking space lines, the reflection of a building or other object, a step, gutter, road painting,

repainted line, or similar items
- When there are marks from road repairs, letters printed on the road, poles, or other obstacles
- When the road surface is wet and shining, such as during or after rain, or when there are puddles on the road
- When the road colour and brightness are not even
- When the parking area is on a slope
- When a side step of the vehicle or a shadow is on the parking space line
- When the parking space lines are not clearly visible due to fading or dirt
- When the system is affected by the shadows of the vehicle or shades of the trees

- When the vehicle is equipped with non-original tyres, correct parking control to the set position may not be possible. It is recommended that you visit a NISSAN certified electric vehicle dealer when changing to winter tyres.

Your new vehicle was designed to be used primarily to carry passengers and luggage.

Towing a trailer will place additional loads on your vehicle's electric vehicle system, drive train, steering, braking and other systems. The towing of a trailer will exaggerate other conditions such as sway caused by crosswinds, rough road surfaces or passing trucks.

Your driving style and speed must be adjusted according to the circumstances. Before towing a trailer, see a NISSAN certified electric vehicle dealer for an explanation about the proper use of towing equipment.

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) (for Europe).
- Avoid abrupt starts, accelerations and stops.
- Avoid sharp turns and lane changes.
- Always drive your vehicle at a moderate speed.
- Do not use the following systems (where fitted) while towing a trailer:
  - Lane Departure Warning (LDW) system
  - Intelligent Lane Intervention system
  - Emergency Lane Assist (ELA) system
  - Blind Spot Warning (BSW) system
  - Intelligent Blind Spot Intervention system
  - Rear Cross Traffic Alert (RCTA) system
  - Intelligent Cruise Control (ICC) system
  - ProPILOT system
  - e-Pedal Step system
  - Intelligent Emergency Braking with Pedestrian Detection system
  - Intelligent Forward Collision Warning 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 vehicle and the coupling device. See 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.

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 lever 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.

TRAILER SWAY CONTROL

To minimise trailer sway, your vehicle may apply braking to individual wheels based on input from your vehicle sensors and vehicle speed. Trailer Sway Control is a function of the Electronic Stability Programme (ESP) system and is active when the ESP function is enabled.

CAUTION

If the ESP system is turned OFF, the Trailer Sway Control is also disabled.

When Trailer Sway Control is in operation, the slip indicator light blinks. When vehicle control is regained, slip indicator light will turn OFF.

For additional information about the ESP system, see "Electronic Stability Programme (ESP) system" (P.391).

If Trailer Sway Control activates

1. Take your foot off the accelerator pedal to allow the vehicle to coast and steer as straight ahead as the road conditions allow. This combination will help stabilise the vehicle.

CAUTION

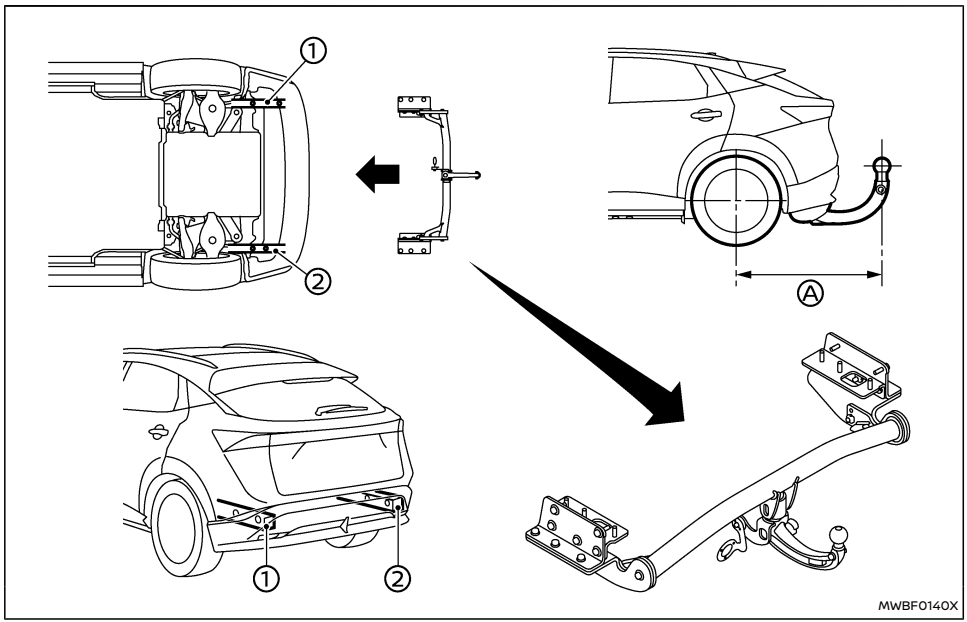
Do not try to correct trailer sway by steering or applying the brakes.

2. When the trailer sway stops, gently apply the brakes and pull to the side of the road in a safe area.
3. Try to rearrange the trailer load so it is balanced.

NOTE:

Trailer Sway Control cannot reduce trailer sway in all situations.

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: 490 N (50 kg, 110 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: Ⓐ 1,044 mm (41.1 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 Ctrl. Timer 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.450).

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.444).

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 on the shift lever 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.438).

For additional protection against rust and corrosion, which may be required in some areas, consult a NISSAN certified electric vehicle dealer.

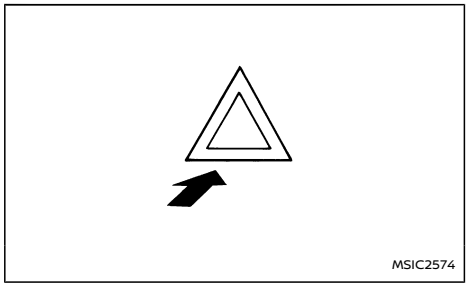
FREEING A FROZEN CHARGE PORT LID

When the charge port is frozen, melt the ice.

6 In case of emergency

Hazard warning flasher switch 422
Emergency Stop Signal 422
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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 flasher warning may not blink automatically depending on the force of impact.

EMERGENCY STOP SIGNAL

The Emergency Stop Signal will blink the stop lights and high-mounted stop 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 ELECTRIC VEHICLE SYSTEM SHUT OFF

To shut off the electric vehicle 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.110) and "Tyre Pressure Monitoring System (TPMS)" (P.247).

⚠ 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 TPMS indicator light to illuminate. Some examples are:

  — Facilities or electric devices using similar radio frequencies are near the vehicle.

  — If a transmitter set to similar frequen-

cies 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

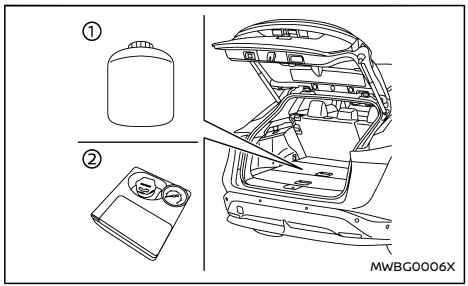
- **Make sure the parking brake is securely applied and the vehicle is placed into the P (Park) position.**
- **Never repair tyres when the vehicle is on a slope, ice or slippery area. This is hazardous.**
- **Never repair tyres when the oncoming traffic is close to your vehicle. Call for professional 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 on the shift lever to engage the P (Park) position.
6. Turn off the electric vehicle 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

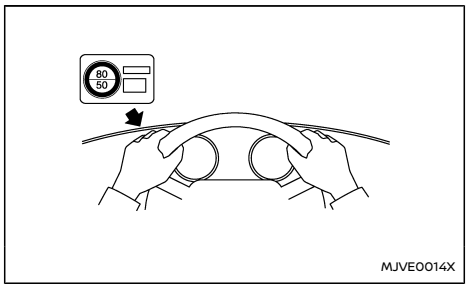
- If any foreign object (for example, a screw or nail) is embedded in the tyre, do not remove it.
- Check the expiration date of the sealant (shown on the label attached to the bottle). Never use a sealant whose expiration date has passed.

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.**

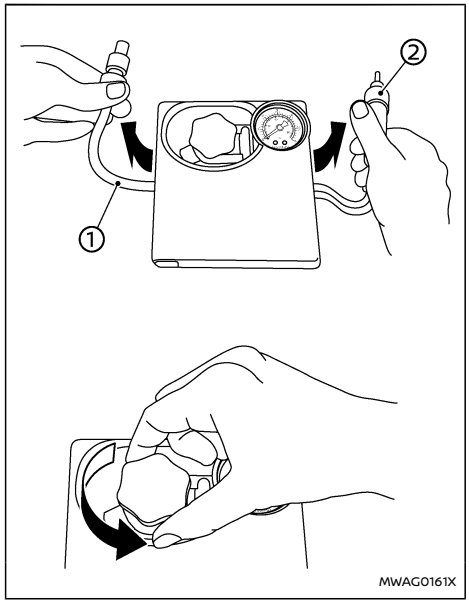


1. Take out the speed restriction sticker from the air compressor*, then put it in a location where the driver can see it while driving.

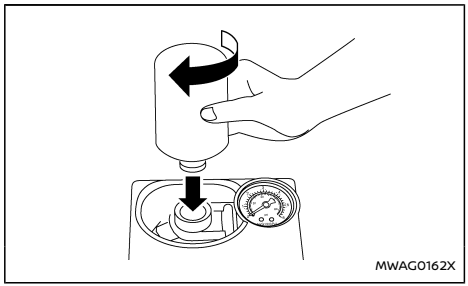
   *: The compressor shape may differ depending on the models.

CAUTION

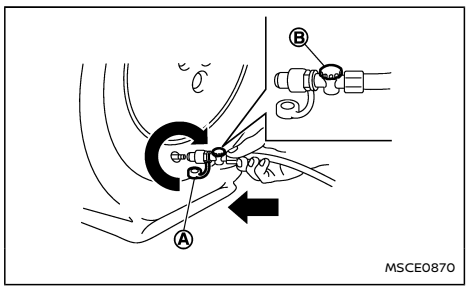
Do not put the speed restriction label on the steering wheel pad, the speedometer or the warning light locations.



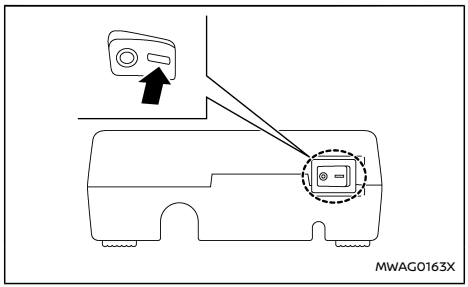
2. Take the hose ① and the power plug ② out of the air compressor. Remove the cap of the bottle holder from the air compressor.



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.

To start your Electric Vehicle (EV) 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

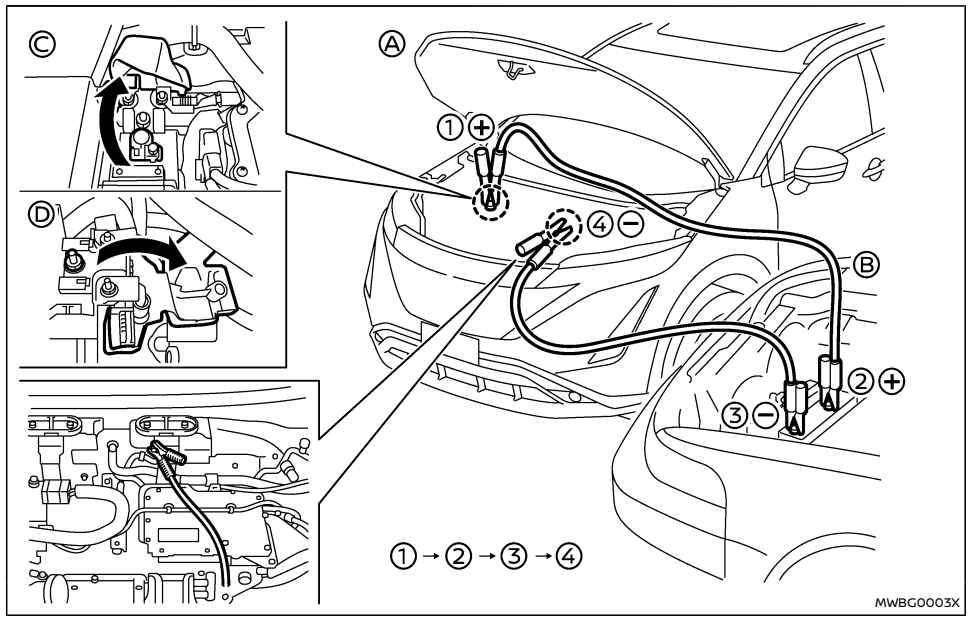
- **Incorrect jump starting can lead to a 12-volt battery explosion. The 12-volt battery explosion may result in severe injury or death. It may also result in damage to the vehicle. Be sure to follow the instructions in this section.**
- **Explosive hydrogen gas is always present in the vicinity of the 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 park button on the shift lever 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).
   Ⓒ Left-Hand Drive (LHD) models
   Ⓓ Right-Hand Driver (RHD) models

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 electric vehicle 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.
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.

IF THE LI-ION BATTERY BECOMES COMPLETELY DISCHARGED

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 Electric Vehicle (EV) 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.**
- **Turn the e-Pedal Step system off when the vehicle is towed. (See "e-Pedal Step system" (P.258).)**

CAUTION

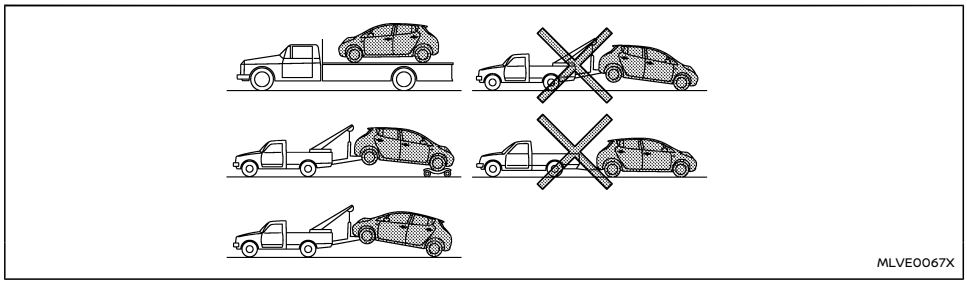
- **When towing, make sure that the axles, steering system and powertrain are in working condition. Use dollies or flatbed tow truck if any of the listed systems are not working.**
- **Always attach safety chains before towing.**

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



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 motor.**
- **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 lever 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 electronic parking brake is released, the rear wheels can be grounded while towing. If the electronic parking brake is not released, towing dollies should be used. For additional information, refer to "Parking brake" (P.260).

Freeing trapped vehicle

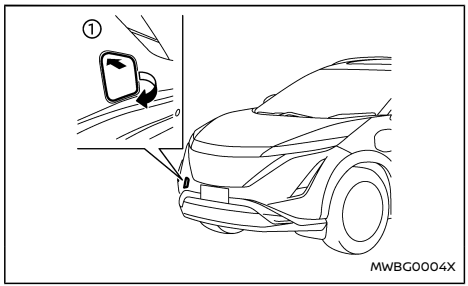
⚠ WARNING

- **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.**

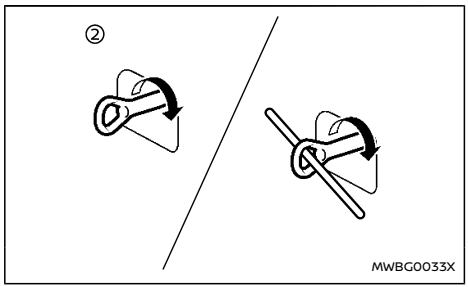
In the event that your vehicle's tyres become trapped in sand, snow, or mud, and the vehicle is unable to free itself without being pulled, use the recovery hook.

- 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:



Front



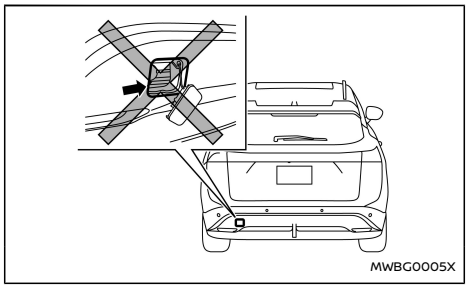
① Remove the hook cover from the bumper with a suitable tool.

Push the top of the cover to remove.

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

Do not use the rear hook to tow the vehicle.

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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

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 pressure washers capable of spraying water over 8,274 kPa (1,200 psi) to wash your vehicle. Use of high-pressure washers over 8,274 kPa (1,200 psi) can result in damage to or removal of paint or graphics. Avoid using a high-pressure washer closer than 30 cm (12 in) to the vehicle. Always use a wide-angle nozzle only, keep the nozzle moving and do not concentrate the water spray on any one area.**
- **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.**

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.

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 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.

CLEANING INTERIOR

Occasionally remove loose dust from the interior trim, plastic parts and seats using a vacuum cleaner or soft bristled brush. Wipe the vinyl and 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 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 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 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 sterilize 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

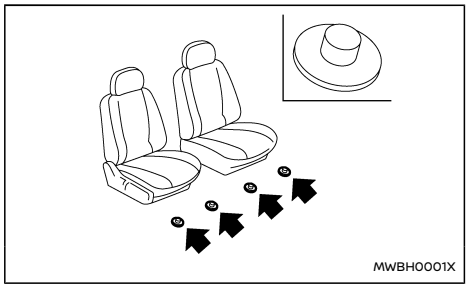
To avoid potential pedal interference that may result in a collision, injury or death:

- **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.437).**
- **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.

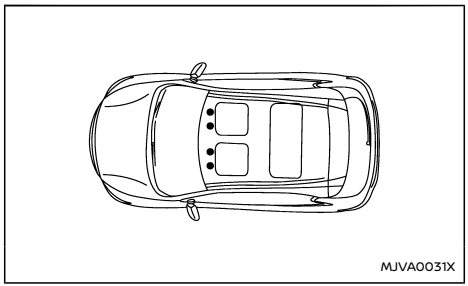
Floor mat installation



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).

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.66).

⚠ 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.

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.

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 Electric Vehicle (EV) 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.442).

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, stop 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 Two-Wheel Drive (2WD) and front and rear tyres are 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 Four-Wheel Drive and All Wheel Drive (4WD/AWD) and front and rear tyres are same size; tyres should be rotated every 5,000 km (3,000 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 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) TIRE PRESSURE SENSOR (where fitted):

It is recommended that you replace the TPMS tire 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. Check that the lever (where fitted) or the pedal (where fitted) has the proper travel. Also make sure that the vehicle is held securely on a fairly steep hill when only the parking brake is applied.

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 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.

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 Electric Vehicle (EV) 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 colored 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 the park button on the shift lever or place the vehicle into the P (Park) position.**
- **If you must work with the Electric Vehicle (EV) 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.

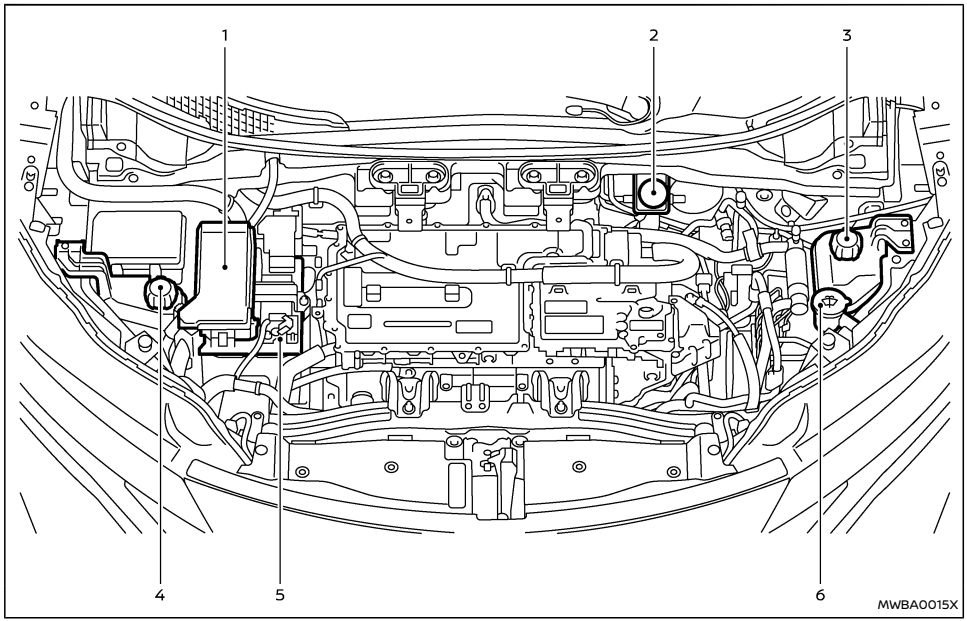
- **When "Charging status indicator light" (P.49) is lit or blinking, do not perform a maintenance work. There is a risk of electric shock because the high voltage system is operating.**
- **If the charging status indicator light does not turn off, take the following actions.**
  - **— Push and hold the power switch for longer than 2 seconds and check that the charging status indicator light is off.**
  - **— Open the driver's door, get out of the vehicle, close the door and wait for longer than 5 minutes.**

  If the charging status indicator light flashes every 1 second, the 12-volt battery charging is in operation.
- **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 12-volt battery is charging. See "Charging the 12-volt battery" (P.18) and "Charging status indicator light" (P.49).**
  - **— When remote climate control or Climate Ctrl. Timer is working. See "NissanConnect Services" (P.27) or "Climate Ctrl. Timer" (P.240).**
  - **— When the software is updating.**

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



1. Fuse/fusible link holders
2. Brake fluid reservoir*1
3. Coolant reservoir (for electric powertrain)
4. Coolant reservoir (for Li-ion battery)
5. 12–volt battery*2
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.

*1: For the RHD model, the reservoir is located on the opposite side.

*2: For the RHD model, the 12-volt battery is located under the luggage compartment.

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:**

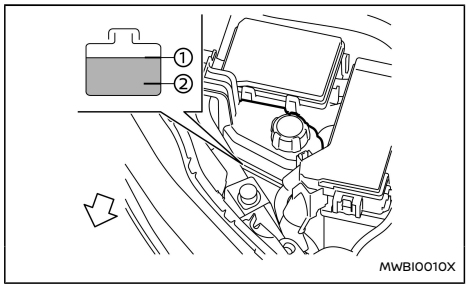
Outside temperature down to		Coolant (concentrated)	Demineralised or distilled water
°C	°F		
–35	–30	50%	50%

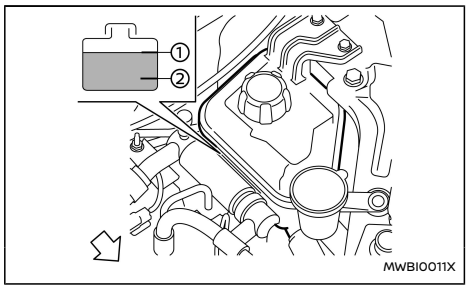
Use Genuine NISSAN Coolant or equivalent in its quality. Genuine NISSAN Coolant is a pre-mixed

(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.

BRAKES

If the brakes do not operate properly, have the brakes checked by a NISSAN certified electric vehicle dealer.

⚠ WARNING

Do not adjust the height of the brake pedal. Doing so could alter the effectiveness of the brakes, which could result in a serious accident and personal injury. If adjustment is required, contact 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.

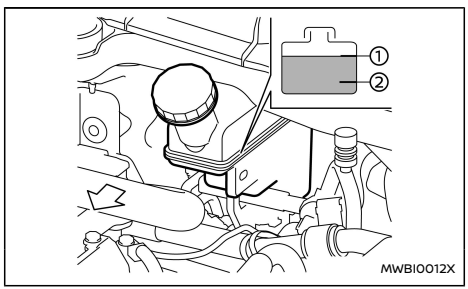
BRAKE FLUID

⚠ 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.466) 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 OIL

When checking or replacement is required, we recommend a NISSAN certified electric vehicle dealer for servicing.

CAUTION

- **Use only Genuine NISSAN MT-XZ Gear Oil NFX 75W. Do not mix with other oil.**
- **Using reduction gear oil other than Genuine NISSAN MT-XZ Gear Oil NFX 75W will cause deterioration in drivability and reduction gear durability, and may damage the reduction gear, which is not covered by the 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.

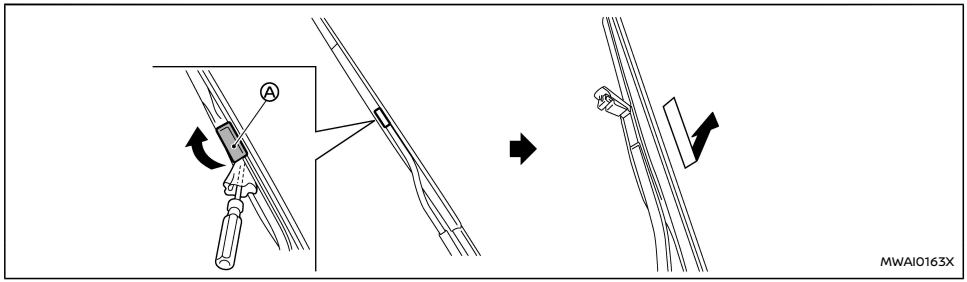
⚠ WARNING

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.

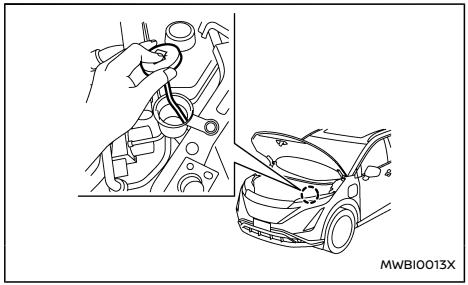
1. Lift the wiper arm away from the windscreen.
2. Open Ⓐ, using a suitable tool, and then move the wiper blade down as shown to remove.
3. Insert the new wiper blade onto the wiper arm until a click sounds.
4. Close Ⓐ.

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.**

It is recommended you contact a NISSAN certified electric vehicle dealer if checking or replacement is required.

WINDOW WASHER FLUID



⚠ WARNING

Anti-freeze is poisonous and should be stored carefully in marked containers out of the reach of children.

To check the fluid level, use your finger to plug the centre hole of the cap/tube assembly, then remove it from the reservoir. If there is no fluid in the tube, add fluid.

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.

Caution symbols for battery			⚠ WARNING
①		No smoking, No exposed flames, No sparks	Never smoke around battery. Never expose 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 battery. Keep the battery out of the 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 loss of your eyesight 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.

MSDI1573

⚠ 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 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

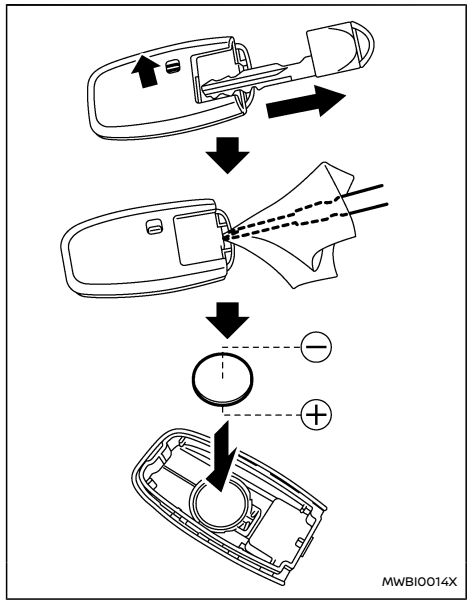
Jump starting provides power to the 12 volt system to allow the electrical systems to operate. The electrical systems must be operating to allow the Li-ion battery to be charged. Jump starting does not charge the Li-ion battery. The Li-ion battery must be charged before the vehicle can be driven.

If jump starting is necessary, see "Jump starting" (P.427). 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

CAUTION

- **Be careful not to allow children to swallow the battery and removed parts.**
- **An improperly disposed battery can harm the environment. Always confirm local regulations for battery disposal.**
- **When changing batteries, do not let dust or oil get on the components.**
- **There is danger of explosion if the lithium battery is incorrectly replaced. Replace only with the same or equivalent type.**



Replace the battery in the Intelligent Key as follows:

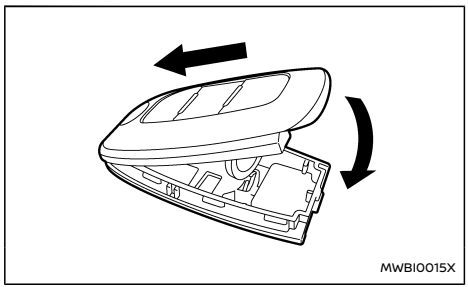
1. Remove the mechanical key from the Intelligent Key.
2. Insert a small slotted screwdriver into the slit of the corner and twist it to separate the upper part from the lower part. Use a cloth to protect the casing.

3. Replace the battery with a new one.

   Recommended battery:

   CR2032H 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.



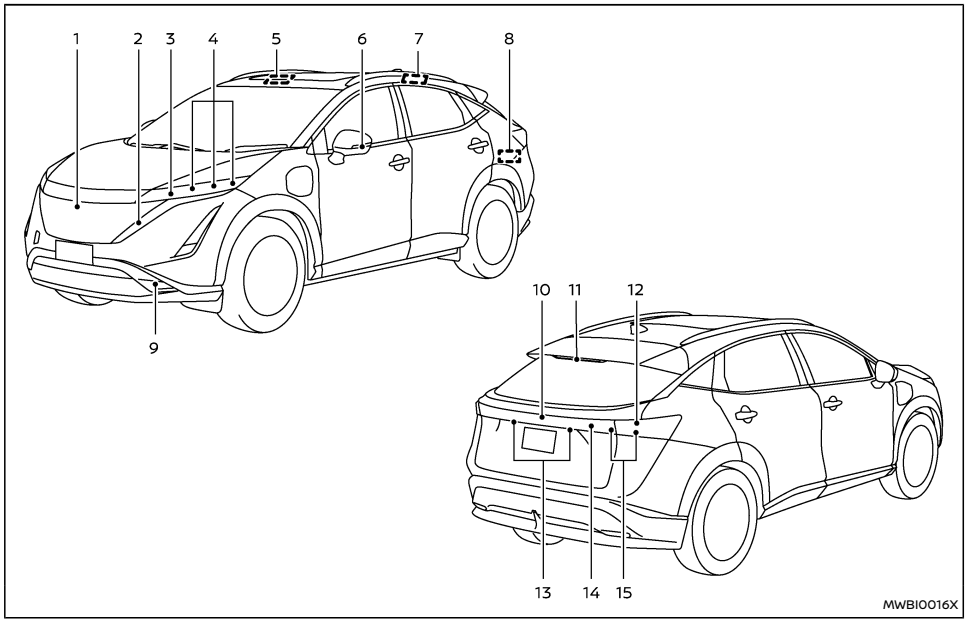
4. Align the tips of the upper and lower parts, and then push them together until it is securely closed.
5. Operate the buttons to check its operation.

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 (where fitted)
1. Front clearance light/Daytime running light/ Front turn signal light
2. Headlight (high-beam)
3. Headlight (low-beam)
4. Map light
5. Side turn signal light
6. Rear personal light
7. Cargo light
8. Front fog light (where fitted)
9. Tail light
10. High-mounted stop light
11. Stop/Tail light
12. Number plate light
13. Back-up light or rear fog light*
14. Rear turn signal light

*: For the LHD models, the rear fog light is on the left side and the back-up light is on the right side.

For the RHD models, the rear fog light is on the right side and the back-up light is on the left side.

HEADLIGHTS

Fog may temporarily form inside the lens of the exterior lights in the rain or in a car wash. A temperature difference between the inside and the outside of the lens causes the fog. This is not a malfunction. 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
Back-up light	LED
Number plate light*	LED
Map light*	LED
Rear personal light*	LED
Vanity mirror light*	LED
High-mounted stop 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.423).

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.115), “Tyre Pressure Monitoring System (TPMS)” (P.247) and “Tyre Pressure Monitoring System (TPMS)” (P.423).

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 under the “Cold Tyre Pressure” heading. 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.

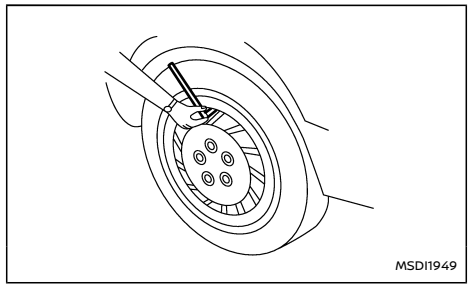
The tyre pressures should be checked when the tyres are cold. The tyres are considered COLD after the vehicle has been parked for 3 or more hours, or driven less than 1.6 km (1 mile) at moderate speeds.

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.**

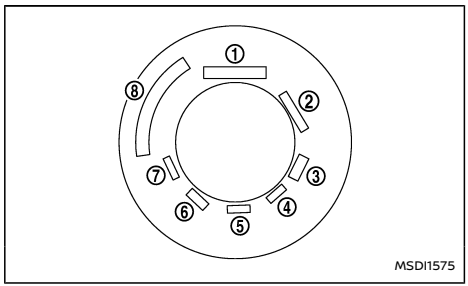
Checking the tyre pressure



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.

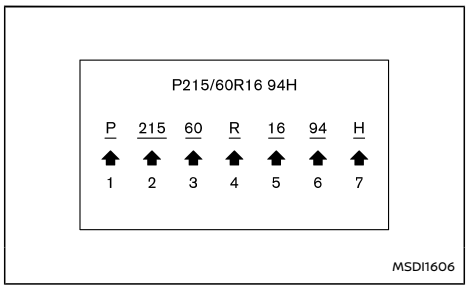
	SIZE	COLD TYRE INFLATION PRESSURE
FRONT ORIGINAL TYRE	**255/45 R20**	**240 kPa, 2.4 kgf/cm^2**
	235/55 R19	**260 kPa, 2.6 kgf/cm^2**
REAR ORIGINAL TYRE	**255/45 R20**	**240 kPa, 2.4 kgf/cm^2** **280 kPa, 2.8 kgf/cm^2 (for a driver + 3 or more passengers)**
	235/55 R19	**260 kPa, 2.6 kgf/cm^2** **300 kPa, 3.0 kgf/cm^2 (for a driver + 3 or more passengers)**

TYRE LABELING



Example

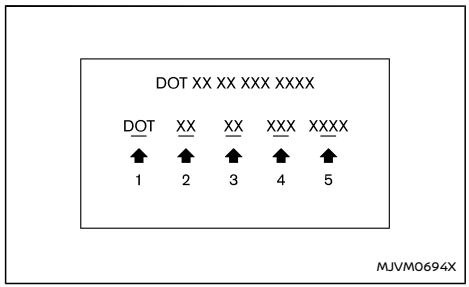
Tyre labeling identifies and describes the fundamental characteristics of the tyre and also provides the tyre identification number (TIN) for safety standard certification. The TIN can be used to identify the tyre in case of a recall.



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 tire'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 tire'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

⚠ WARNING

- **When changing or replacing tyres, be sure all four tyres are of the same type (Example: 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 may not match the potential maximum vehicle speed. Never exceed the maximum speed rating of the tyre.**
- **Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.**
- **Always use tyres of the same type, size, brand, construction and tread pattern on all four wheels. Failure to do so may result in a circumference difference between tyres on the front and rear axles which can cause the Electronic Stability Programme (ESP) system to malfunction resulting in personal injury or death, excessive tyre wear and may damage the transmission, transfer case and differential gears.**

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

CAUTION

- **Tyre chains/cables should not be installed on 255/45 R20 tyres. Doing so will cause damage to the vehicle.**
- **If you plan to use tyre chains/cables, you should install 235/55 R19 tyres on your vehicle.**

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.

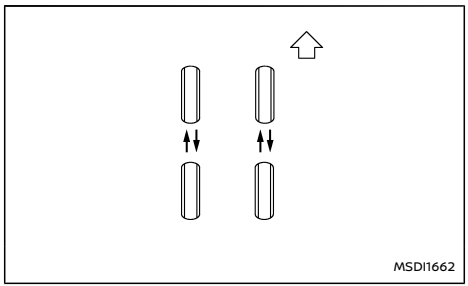
Use chain tensioners when recommended by the tyre chain manufacturer to ensure a tight fit. Loose end links of the tyre chain must be secured or removed to prevent the possibility of whipping action damage to the fenders or underbody. If possible, avoid fully loading your vehicle when using tyre chains. 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 the maintenance schedule. (For tyre replacing procedures, see "Jacking up vehicle and replacing tyres" (P.460).)

As soon as possible, tighten the wheel nuts to the specified torque with a torque wrench.

Wheel nut tightening torque:

108 N·m (11 kg-m, 80 ft-lb)

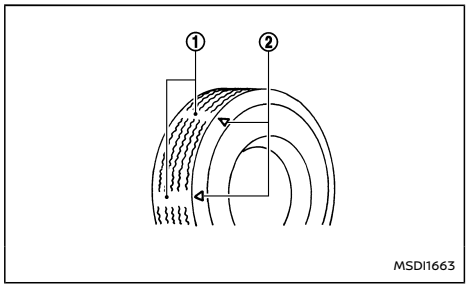
The wheel nuts must be kept tightened to the specification at all times. It is recommended that wheel nuts be tightened to the specification at each tyre rotation interval.

⚠ 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.247) 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.468) 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.**
- **For Two-Wheel Drive (2WD) models, 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.469) 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.247) 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.434) for details about care of the wheels.

JACKING UP VEHICLE AND REPLACING TYRES

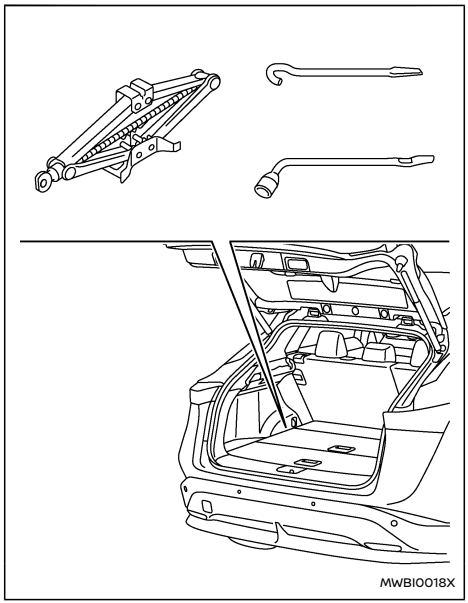
This section provides the information about the vehicle jack-up procedures and the tyre replacement.

You can temporarily fix a minor tyre puncture using the emergency tyre puncture repair kit. (See "Repairing flat tyre" (P.424).)

⚠ WARNING

- **Be sure to apply the parking brake firmly.**
- **Be sure to push the park button on the shift lever 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



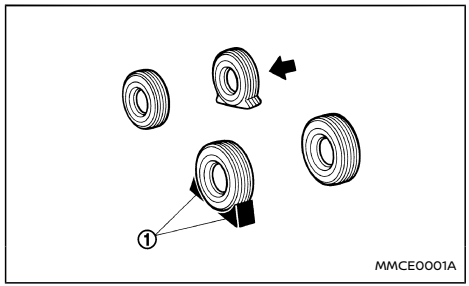
Open the liftgate. Raise the luggage floor board. Remove the jacking tools.

The jack, jack rod and wheel nut 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



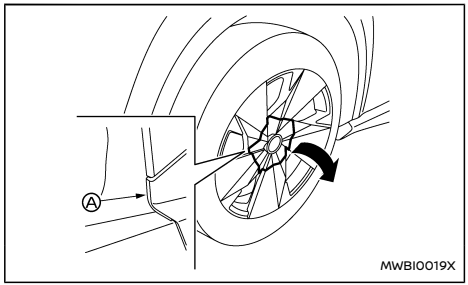
⚠ WARNING

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

Removing wheel centre cover (models with 20 inch wheel):



⚠ WARNING

Never use your hands to remove the wheel cover. This may cause personal injury.

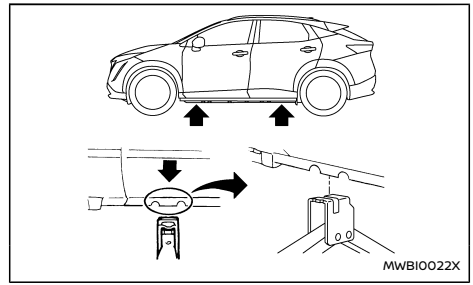
To remove the wheel centre cover, insert a suitable tool to the point Ⓐ and pry the cover off.

Apply cloth between the wheel and a tool to prevent damaging the wheel and wheel cover.

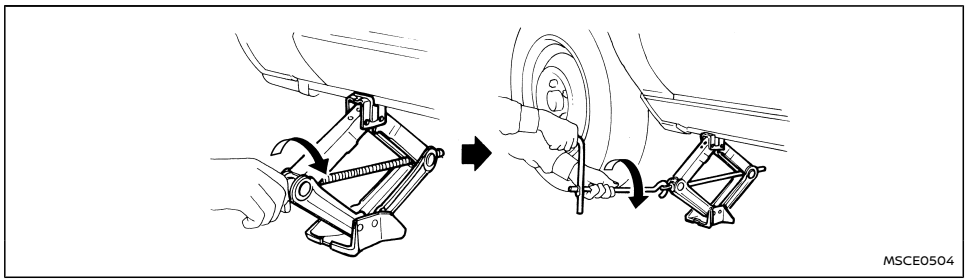
CAUTION

Do not remove plastic parts other than the centre cover on the wheel. Doing so may damage the plastic parts and the wheel.

Jacking up vehicle:



jack-up points


MSCE0504

⚠ 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 electric vehicle 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. 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.
2. Align the jack head between the two notches located at the jack-up point of either the front or the rear section.
3. Fit the groove of the jack head between the notches as shown.
4. Loosen each wheel nut, anticlockwise, one or two turns with the wheel nut wrench.

   Do not remove the wheel nuts until the tyre is off the ground.
5. Carefully raise the vehicle until the clearance between the tyre and ground is achieved.
6. To lift the vehicle, securely hold the jack lever and rod with both hands and turn the jack lever.

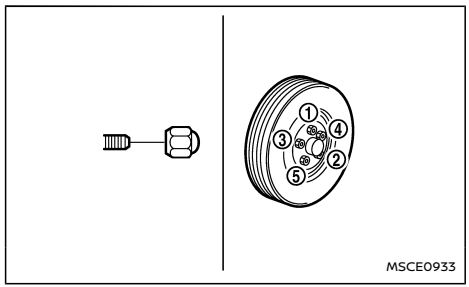
Removing tyre:

1. Remove the wheel nuts.
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



MSCE0933

⚠ WARNING

- **Never use wheel nuts which are not provided with your vehicle. Incorrect wheel nuts or improperly tightened wheel nuts may cause the wheel to become loose or come off. This could cause an accident.**
- **Never use oil or grease on the wheel studs or nuts. This may cause the wheel nuts to become loose.**

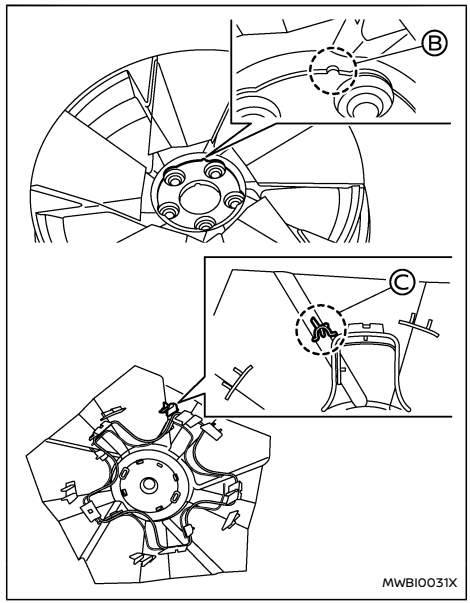
1. Clean any mud or dirt from the surface between the wheel and hub.
2. Carefully put the tyre on and tighten the wheel nuts with your fingers. Check that all the wheel nuts contact the wheel surface horizontally.
3. Tighten the wheel nuts alternately and evenly, more than 2 times in the sequence illustrated (① - ⑤), with the wheel nut wrench, until they are tight.
4. Lower the vehicle slowly until the tyre touches the ground.
5. Tighten the wheel nuts securely, with the wheel nut wrench, in the sequence illustrated.
6. Lower the vehicle completely.

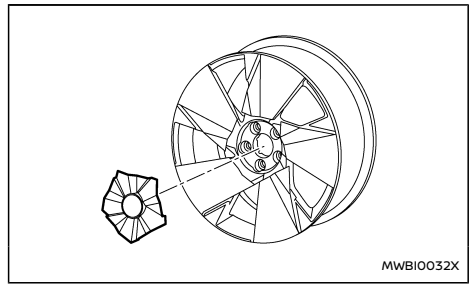
Tighten the wheel nuts to the specified torque with a torque wrench as soon as possible.

Wheel nut tightening torque:
108 N·m (11 kg-m, 80 ft-lb)

The wheel nuts must be kept tightened to specification at all times. It is recommended that the wheel nuts 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.247) 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.





Installing wheel centre cover (models with 20 inch wheel):

1. Align the notch Ⓑ on the wheel with the anti-rocation pin Ⓒ on the cover.
2. Push with the palm of your hand perpendicularly to the cover surface.

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.

1. Securely store the damaged tyre, jack and tools used in the storage area.
2. Replace the luggage floor board.
3. Close the liftgate.

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.423) for more details.

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	For electric powertrain (with reservoir)	3.8 L	4 qt	3-3/8 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.
	For Li-ion battery (with reservoir)	2.9 L	3-1/8 qt	2-1/2 qt	
Reduction gear oil		0.87 L	7/8 qt	3/4 qt	· Genuine NISSAN MT-XZ Gear Oil NFX 75W · Using reduction gear oil other than Genuine NISSAN MT-XZ Gear Oil NFX 75W 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 DOT3 or DOT4 · Never mix different types of fluids (DOT3 and DOT4).
Multi-purpose grease		—	—	—	· NLGI No. 2 (Lithium soap base)
Air conditioning system refrigerant		—	—	—	· 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 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 HFO-1234yf (R-1234yf) in your vehicle 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.

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 (Quick 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	EN61851-1:2011 EN61851-21:2002 IEC61851-1:2010 IEC61851-21:2001 EM62752	EN61000-6-1:2007 EN61000-6-2:2005 EN61000-6-3:2007 EN61000-6-4:2007 IEC62196-1:2011 IEC62196-2:2011 IEC62196-3:2011
Adaptors	Do not use an extension cable or electrical adaptor.	

MOTOR

Model	AM67

WHEELS AND TYRES

	Standard	Spare
Tyre size	255/45 R20	- (*)
	235/55 R19	

		Size	Offset Metric measure	Offset US measure
Road wheel	Aluminium	20 × 8J	45 mm	1.77 in
		19 × 7.5J	40 mm	1.57 in
Spare	- (*)	- (*)	- (*)	- (*)

*: The emergency tyre puncture repair kit is supplied.

TYRE PRESSURE

	Size	Pressure (kPa)	Pressure (kgf/cm^2)
Front original tyre	255/45 R20	240	2.4
	235/55 R19	260	2.6
Rear original tyre	255/45 R20	240	2.4
		280 (for a driver + 3 or more passengers)	2.8 (for a driver + 3 or more passengers)
	235/55 R19	260	2.6
		300 (for a driver + 3 or more passengers)	3.0 (for a driver + 3 or more passengers)

DIMENSIONS

Unit: mm (in)

Overall length	Metric measure	4,595 mm
	US measure	180.9 in
Overall width	Metric measure	1,850 mm
	US measure	72.8 in
Overall height	Metric measure	1,660 mm
	US measure	65.4 in
Front tread	Metric measure	1,585 mm*1 1,575 mm*2
	US measure	62.4 in*1 62.0 in*2
Rear tread	Metric measure	1,590 mm*1 1,580 mm*2
	US measure	62.6 in*1 62.2 in*2
Wheelbase	Metric measure	2,775 mm
	US measure	109.3 in

*1: 19 inch wheel model

*2: 20 inch wheel model

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.

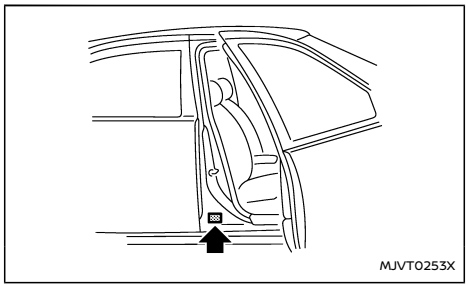
The laws and regulations for motor vehicle safety standards vary according to the country, state, province or district; therefore, vehicle specifications may differ.

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

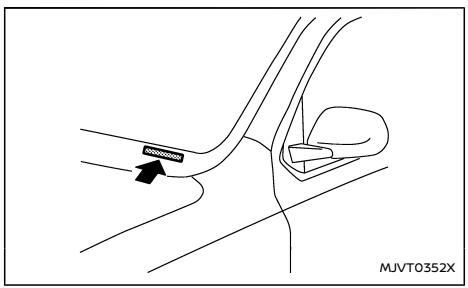
It is prohibited to cover, paint, weld, cut, drill, alter or remove Vehicle Identification Number (VIN).

VEHICLE IDENTIFICATION PLATE



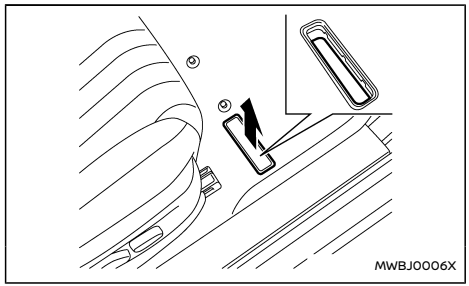
The vehicle identification plate is affixed shown.

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE



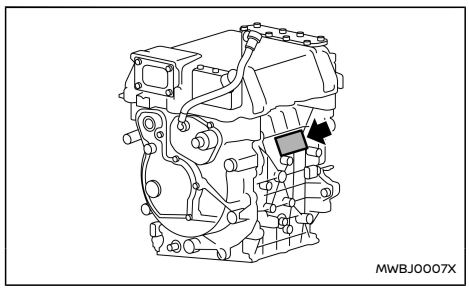
The vehicle identification number plate is attached as shown. This number is the identification for your vehicle and is used in the vehicle registration.

VEHICLE IDENTIFICATION NUMBER (VIN)



The vehicle identification number is located as shown.

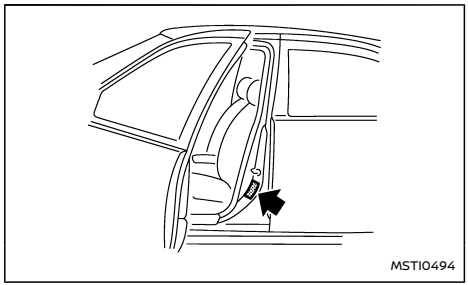
TRACTION MOTOR SERIAL NUMBER



The serial number of the traction motor is

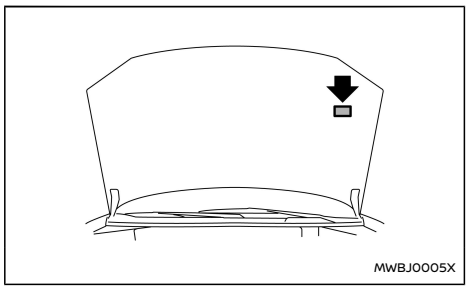
stamped on the traction motor as shown.

TYRE PLACARD



The cold tyre pressures are shown on the tyre placard affixed to the driver's side centre pillar.

AIR CONDITIONER SPECIFICATION LABEL



The air conditioner specification label is attached to the underside of the bonnet as shown.

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.

ADDITIONAL DATA RECORDING (on vehicles equipped with optional ProPILOT)

If your vehicle is equipped with the optional ProPILOT, it will also be equipped with supplemental data recording function intended to assist in understanding how ProPILOT 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 and other crash avoidance features
- ProPILOT malfunction diagnosis information
- External images from the multi-sensing front camera (Available only when the SRS air bag or Intelligent Emergency Braking with Pedestrian Detection system is activated)

The ProPILOT 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 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 (anonymized)

RADIO APPROVAL NUMBER AND INFORMATION

FOR EUROPE

Intelligent Key

Hereby, Continental declares that the radio equipment type TXPZ1 is in compliance with Directive 2014/53/EU and UKCA requirement.

The full text of the EU and UKCA declaration of conformity is available at the following internet address:

https://continental-homologation.com/en-gl/Nissan

- Manufacturer name:
  Continental Automotive GmbH,
  Siemensstraße 12, D-93055 Regensburg
- Importer name, address:
  Nissan International SA
  Zone d'activités La Pièce 12
  1180 Rolle, Switzerland
- Operating frequency band: 433.92 MHz.
- Maximum radio-frequency power: ≤ 10 dBm

Hands-Free Module

Hereby, Continental declares that the radio equipment type HFM401 is in compliance with Directive 2014/53/EU and UKCA requirement.

The full text of the EU and UKCA declaration of conformity is available at the following internet address:

https://continental-homologation.com/en-gl/Nissan

- Manufacturer name:
  Continental Automotive GmbH,
  Siemensstraße 12, D-93055 Regensburg
- Importer name, address:
  Nissan International SA
  Zone d'activités La Pièce 12
  1180 Rolle, Switzerland
- Operating frequency band: 433.92 MHz.
- Maximum radio-frequency power: ≤ 10 dBm

Tyre Pressure Monitoring System (TPMS) TRANSMITTER

Hereby, Continental declares that the radio equipment type TIS-09DL 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://continental-homologation.com/en-gl/Nissan

- Manufacturer name:
  Continental Automotive GmbH, Siemensstraße 12, D-93055 Regensburg
- Importer name, address:
  Nissan International SA
  Zone d'activités La Pièce 12
  1180 Rolle, Switzerland
- Operating frequency band: 433.92 MHz.
- Maximum radio-frequency power: ≤ –17 dBm

Front radar sensor (where fitted)

Hereby, Robert BoschGmbH declares that the radio equipment type FR5CPEC is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

http://eu-doc.bosch.com

Side radar sensor (where fitted)

Hereby, APTIV, 42367 Wuppertal declares that this RN5TR is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU (RED). The original declaration of conformity can be accessed at the following internet address:

www.aptiv.com/automotive-homologation

- Frequency band(s) in which the radio equipment
  operates: 76-77 GHz
- Maximum radio-frequencypower transmitted in the frequency band(s) in which the radio equipment operates: 30 dBm (1 W)

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 International SA
  Zone d'activités La Pièce 12
  1180 Rolle, Switzerland

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

Band	Frequency	Maximum Power (dBm)	Max Antenna Gain (dBi)
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
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.

- Open Source Software Licenses
  https://www.oss-valeo.com/nissan/default.html

MEMO

MEMO

MEMO

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MEMO

MEMO

COLD TYRE PRESSURES

See the tyre placard affixed to the driver's side centre pillar.

QUICK REFERENCE

- In case of emergency ... "In case of emergency" (P.421)
  (Flat tyre, electric vehicle system will not start, overheating, towing)
- How to charge the electric vehicle ..."Charging" (P.33)
- How to start the electric vehicle system ... "Starting and driving" (P.243)
- How to read the meters and gauges ... "Instruments and controls" (P.99)
- Maintenance and do-it-yourself ... "Maintenance and do-it-yourself" (P.439)
- Technical information ... "Technical information" (P.465)