



# e-NV200

OWNER'S MANUAL



Zero Emission

# Foreword

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

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

## IMPORTANT SAFETY INFORMATION REMINDERS!

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

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

## WHEN READING THE MANUAL

This manual includes information for all options available on this model. Therefore, you may find some information that does not apply to your vehicle.

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

## MODIFICATION OF YOUR VEHICLE

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

## READ FIRST — THEN DRIVE SAFELY

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

Throughout this manual the following symbols and words are used:



### 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.**

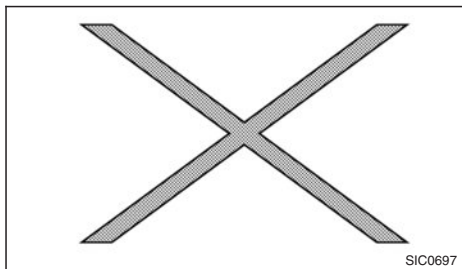
### NOTE

**Indicates additional helpful information.**



## Blue Citizenship

The Blue Citizenship symbol indicates environmentally friendly information and best practices.



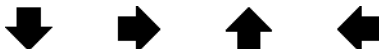
If you see the symbol above, it means “Do not do this” or “Do not let this happen”.



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.



This indicates the title and reference page.

[ ]:

Square brackets are used to indicate messages, keys, or items displayed on a screen.

< >:

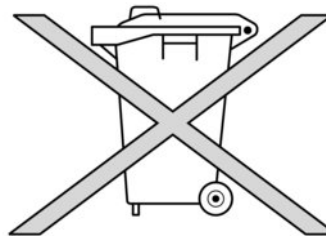
Chevrons or angle brackets are used to indicate texts on controls like buttons or switches inside or on the vehicle.

## AIR BAG WARNING LABELS (WHERE FITTED):



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

Be sure to read the “Airbag warning labels” description in the Safety section of this manual; and the “Airbag label” description at the end of this manual.



## BATTERY DISPOSAL

The Li-ion battery has a limited service life. Contact a NISSAN certified electric vehicle dealer, or a qualified workshop for information about recycling or disposal of the Li-ion battery. Do not attempt to recycle or dispose of the Li-ion battery yourself.

### CAUTION

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

Examples of the batteries that the vehicle contains:

- Vehicle battery
- Remote controller battery (for Intelligent Key and/or Remote keyless entry system)

- Tyre Pressure Monitoring System (TPMS) sensor battery
- Remote controller battery (for Mobile Entertainment system)

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



iPod® is a trademark of Apple Inc.

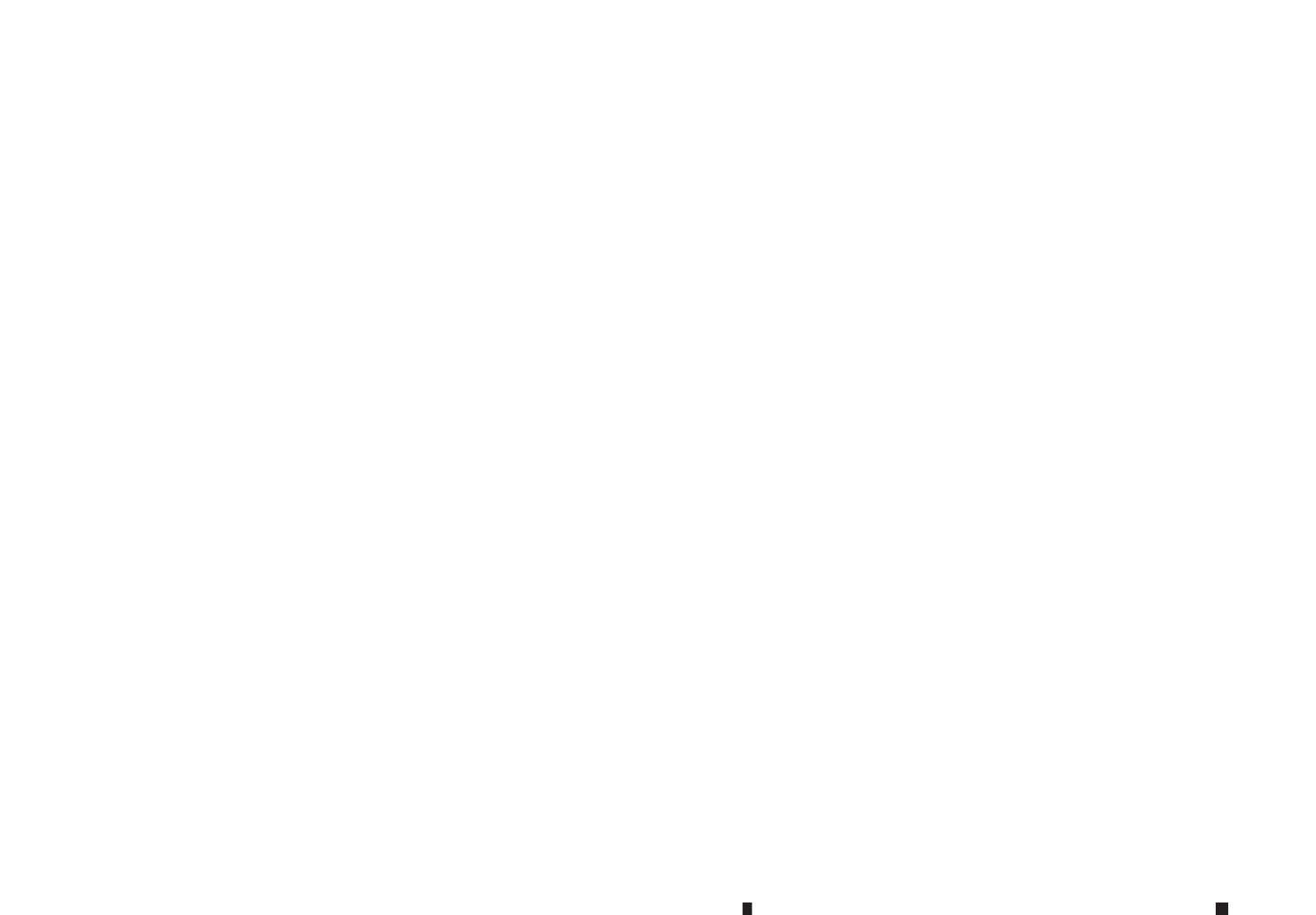


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# Contents

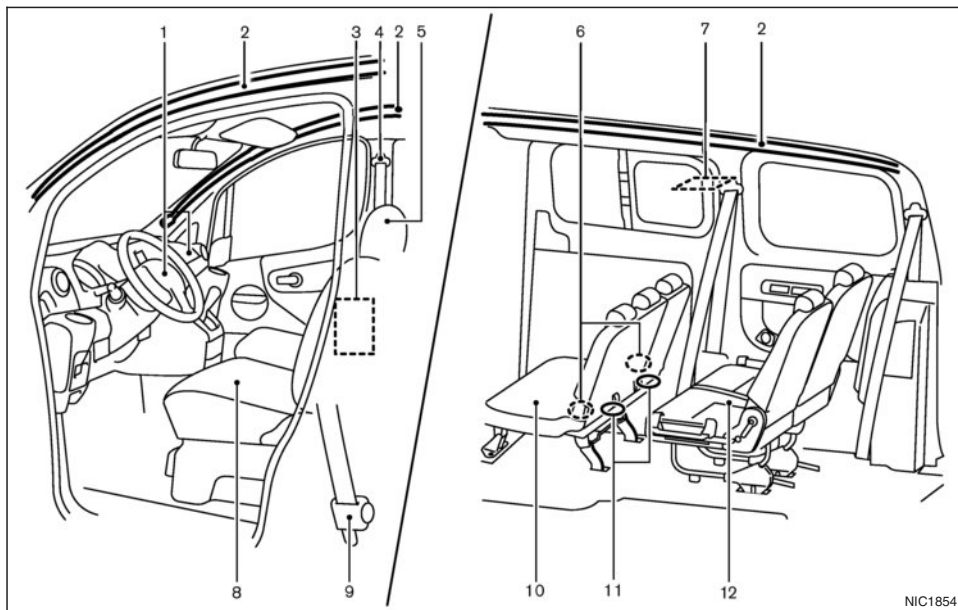
<b>Illustrated table of contents</b>	<b>0</b>
<b>Electric vehicle overview</b>	<b>EV</b>
<b>Charging</b>	<b>CH</b>
<b>Safety — seats, seat belts and supplemental restraint system</b>	<b>1</b>
<b>Instruments and controls</b>	<b>2</b>
<b>Pre-driving checks and adjustments</b>	<b>3</b>
<b>Display screen, heater and air conditioner, and audio system</b>	<b>4</b>
<b>Starting and driving</b>	<b>5</b>
<b>In case of emergency</b>	<b>6</b>
<b>Appearance and care</b>	<b>7</b>
<b>Maintenance and do-it-yourself</b>	<b>8</b>
<b>Technical information</b>	<b>9</b>
<b>Index</b>	<b>10</b>



# 0 Illustrated table of contents

Seats, seat belts and Supplemental Restraint System (SRS).....	0-2	Right-hand drive (RHD) model .....	0-7
Exterior front.....	0-3	Instrument panel .....	0-8
Exterior rear .....	0-4	Left-hand drive (LHD) model.....	0-8
Passenger compartment.....	0-5	Right-hand drive (RHD) model.....	0-9
Cockpit.....	0-6	Meters and gauges.....	0-10
Left-hand drive (LHD) model.....	0-6	Motor compartment .....	0-11

# SEATS, SEAT BELTS AND SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

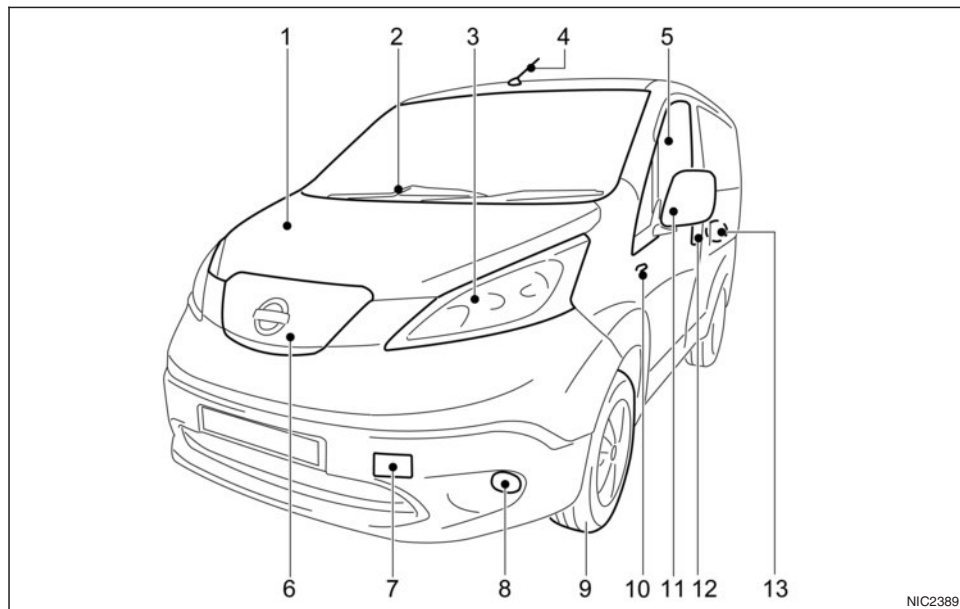


\*: where fitted

1. Supplemental front-impact air bags\* (P. 1-27)
2. Supplemental curtain side-impact air bag system\* (P. 1-27)
3. Supplemental side-impact air bags\* (P. 1-27)
4. Seat belts (P. 1-10)
5. Head restraints (P. 1-7)
6. ISOFIX child restraint system\* (P. 1-14)
7. Second row centre seat belt\* (P. 1-13)
8. Front seats (P. 1-2)
9. Pre-tensioner seat belt system (P. 1-34)
10. Second row seats\* (P. 1-4)
11. Child restraint anchor points (for top tether strap child restraint)\* (P. 1-20)
12. Third row seats\* (P. 1-5)



## EXTERIOR FRONT



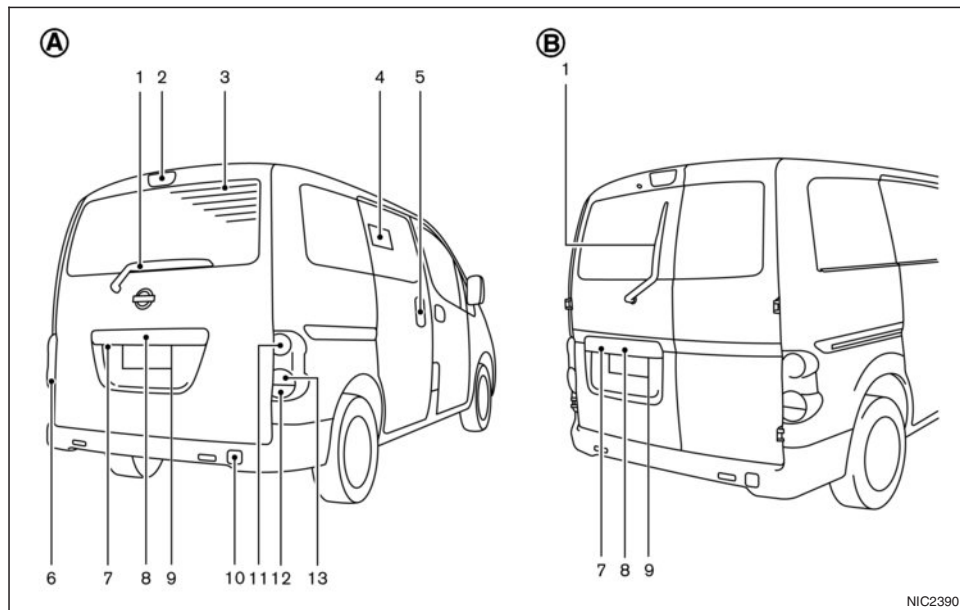
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- |   |  |
|---|--|
| 1. Bonnet (P. 3-15)   | 4. Antenna (P. 4-29)   |
| 2. Windscreen wiper and washer <ul style="list-style-type: none"><li>– Switch operation (P. 2-27)</li><li>– Blade replacement (P. 8-8)</li><li>– Window washer fluid (P. 8-9)</li></ul> | 5. Windows (P. 2-31)   |
| 3. Headlights and turn signal lights <ul style="list-style-type: none"><li>– Switch operation (P. 2-22)</li><li>– Bulb replacement (P. 8-14)</li></ul>                                  | 6. Charge port lid (P. 3-17)   |
|   | 7. Recovery hook (P. 6-15)   |
|   | 8. Fog lights* <ul style="list-style-type: none"><li>– Switch operation (P. 2-25)</li><li>– Bulb replacement (P. 8-15)</li></ul> |

- 9. Wheels
  - Flat tyre (P. 6-2)
  - Tyre placard (P. 9-6)
  - Wheels and tyres (P. 8-19, P. 9-5)
- 10. Side turn signal light
  - Switch operation (P. 2-22)
  - Bulb replacement (P. 8-15)
- 11. Outside mirrors (P. 3-19)
- 12. Doors
  - Keys (P. 3-2)
  - Door locks (P. 3-3)
  - Intelligent Key system (P. 3-6)
- 13. Child safety sliding door lock\* (P. 3-6)

\*: where fitted

## EXTERIOR REAR



1. Rear window wiper and washer\*
  - Switch operation (P. 2-28)
  - Window washer fluid (P. 8-9)
2. High-mounted stop light (P. 8-15)
  - Bulb replacement (P. 8-15)
3. Rear window defogger (P. 2-29)
4. Sliding windows\* (P. 2-31)
5. Sliding door(s) (P. 3-5)

6. Fog light (LHD model) or Reverse light (RHD model)
  - Fog light switch operation (P. 2-25)
  - Bulb replacement (P. 8-15)
7. Rear view camera\* (P. 4-2)
8. Back door (P. 3-15)
  - Intelligent Key system (P. 3-6)

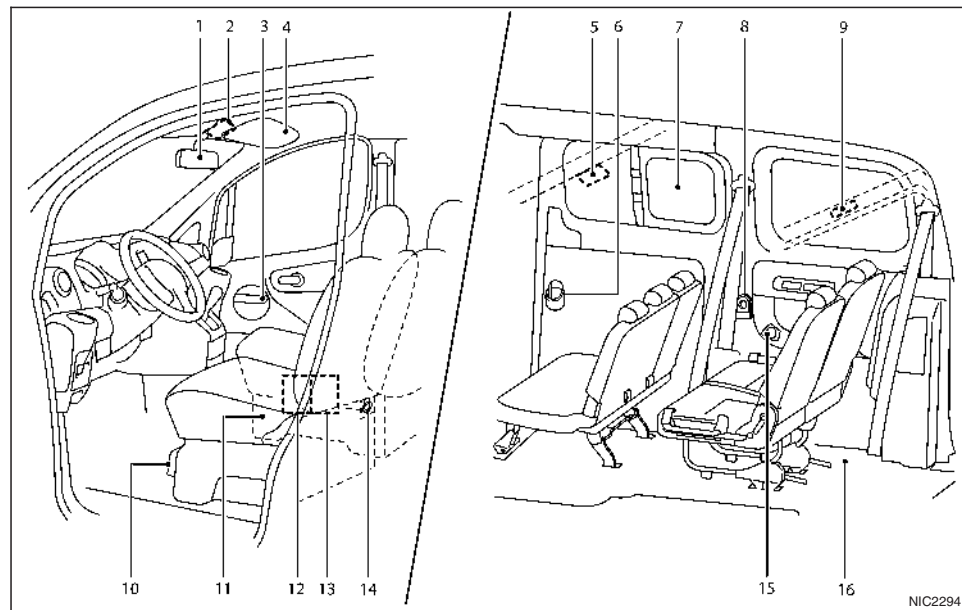
9. Number plate lights
  - Bulb replacement (P. 8-15)
10. Recovery hook (P. 6-15)
11. Stop/tail lights
  - Bulb replacement (P. 8-15)
12. Reverse light (LHD model) or Fog light (RHD model)
  - Fog light switch operation (P. 2-25)
  - Bulb replacement (P. 8-15)
13. Turn signal lights
  - Switch operation (P. 2-25)
  - Bulb replacement (P. 8-15)

\*: where fitted

Ⓐ Tailgate model

Ⓑ Double cargo doors model

## PASSENGER COMPARTMENT



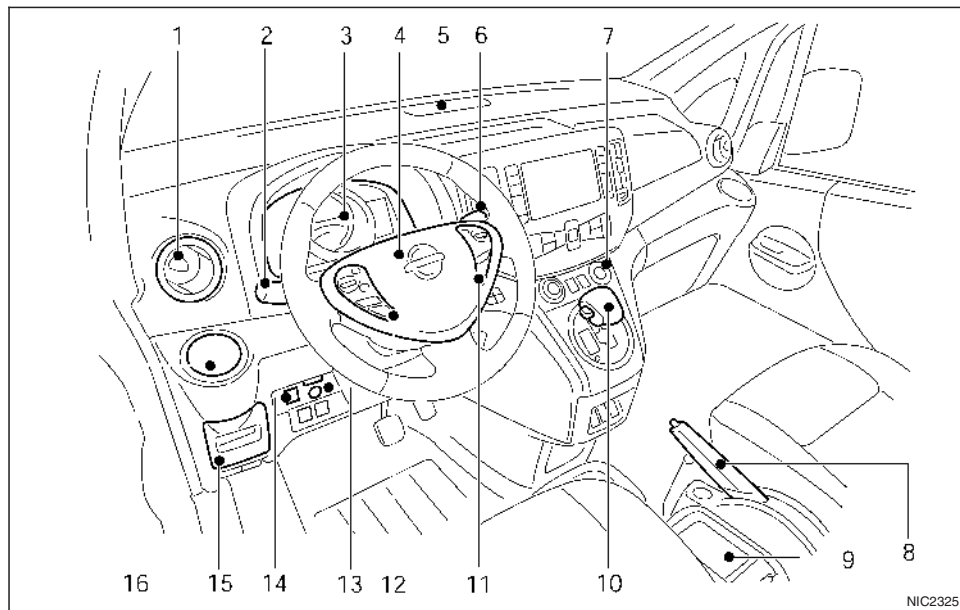
1. Inside rear view mirror\* (P. 3-18)
2. Map\*/Room lights (P. 2-39)
3. Door armrest  
— Power window switch\* (P. 2-31)
4. Sun visors (P. 2-38)  
— Ticket holders (P. 2-36)

5. Room lights\* (P. 2-40)
6. Bottle holders\* (P. 2-34)
7. Sliding windows\* (P. 2-31)
8. Third row seat cup holders\* (P. 2-35)
9. Rear compartment light (P. 2-40)

10. Under-seat tray\*  
— driver's side (LHD) (P. 2-34)  
Jack\* and Tools  
— passenger's side (RHD) (P. 6-2, P. 6-8)
11. Jack\* and Tools  
— passenger's side (LHD) (P. 6-2, P. 6-8)  
Under-seat tray\*  
— driver's side (RHD) (P. 2-34)
12. Console box (P. 2-34)
13. Rear cup holders (P. 2-34)
14. Power outlet\* (P. 2-33)
15. Rear cooler fan switch\* (P. 4-22)
16. Rear compartment  
— Storage (P. 2-33)  
— Cargo hooks\* (P. 2-36)  
— Tonneau cover\* (P. 2-37)  
— Partition panel\* (P. 2-38)

\*: where fitted

# COCKPIT

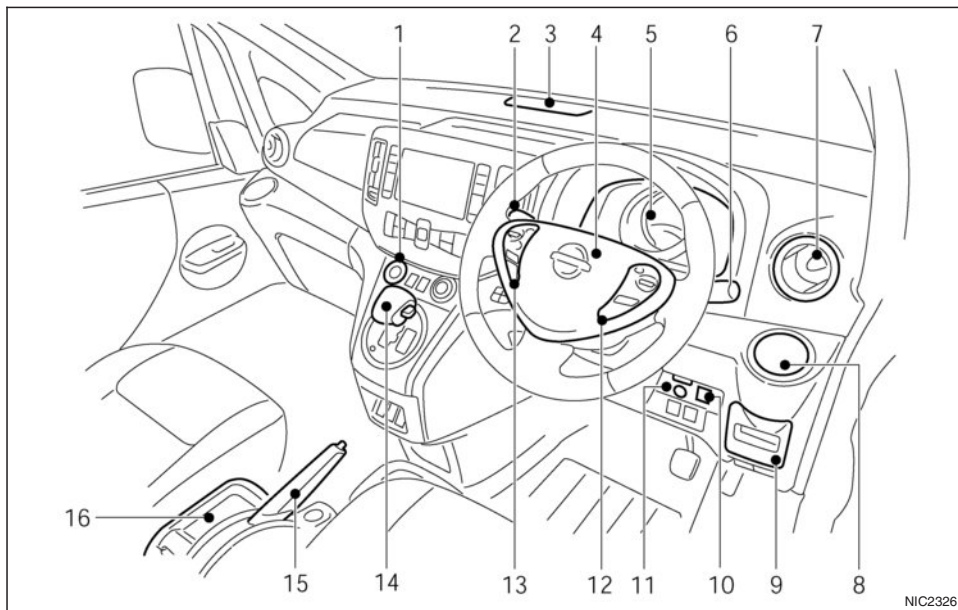


9. Centre console box (P. 2-34)
10. Shift lever (P. 5-12)
11. Cruise control switch\* (P. 5-16)  
Speed limiter switch\* (P. 5-14)
12. Audio and phone control switches\* (P. 4-45)
13. Outside rear view mirror remote control switch\* (P. 3-19)
14. Headlight aiming control switch (P. 2-23)
15. Fuse box cover (P. 8-13)
16. Front cup holder (P. 2-34)

\*: where fitted

## LEFT-HAND DRIVE (LHD) MODEL

1. Side vent (P. 4-8)
2. Headlight, fog light and turn signal switch (P. 2-22)
3. Meters and gauges (P. 2-2)
4. Steering wheel (P. 5-23)
  - Horn (P. 2-30)
  - Driver supplemental air bag (P. 1-32)
5. Charging status light (P. CH-20)
6. Wiper and washer switch (P. 2-27)
7. Front passenger air bag status light\* (P. 1-33)
8. Parking brake lever (P. 3-20)



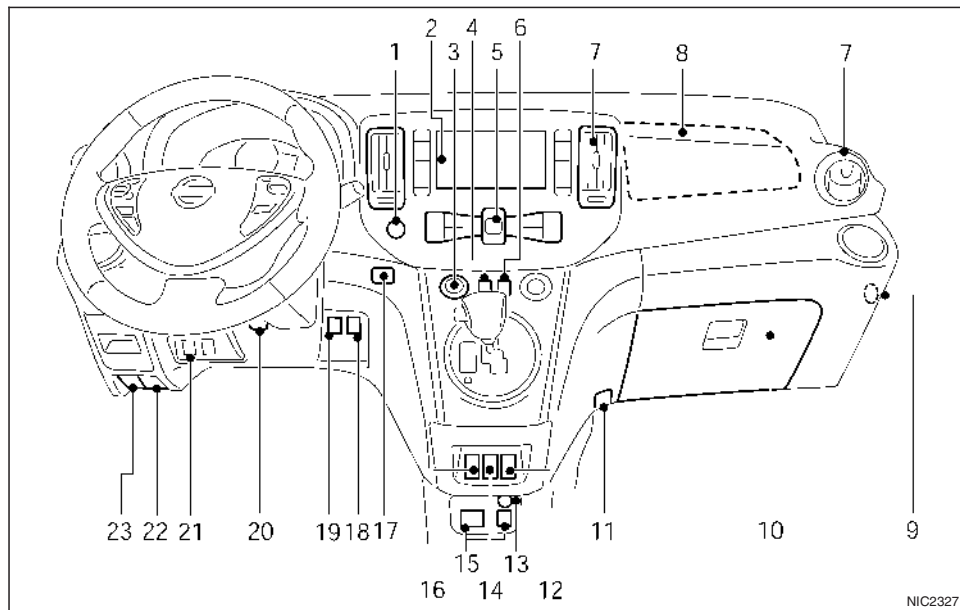
8. Front cup holder (P. 2-34)
9. Card holder\* (P. 2-36)  
Fuse box cover (P. 8-13)
10. Headlight aiming control switch (P. 2-23)
11. Outside rear view mirror remote control switch\* (P. 3-19)
12. Cruise control switch\* (P. 5-16)  
Speed limiter switch\* (P. 5-14)
13. Audio and phone control switches\* (P. 4-45)
14. Shift lever (P. 5-12)
15. Parking brake lever (P. 3-20)
16. Centre console box (P. 2-34)

\*: where fitted

## RIGHT-HAND DRIVE (RHD) MODEL

1. Front passenger air bag status light\* (P. 1-33)
2. Headlight, fog light and turn signal switch (P. 2-22) — For Europe  
Wiper and washer switch (P. 2-27) — Except for Europe
3. Charging status light (P. CH-20)
4. Steering wheel (P. 5-23)  
— Horn (P. 2-30)  
— Driver supplemental air bag (P. 1-32)
5. Meters and gauges (P. 2-2)
6. Wiper and washer switch (P. 2-27) — For Europe  
Headlight, fog light and turn signal switch (P. 2-22) — Except for Europe
7. Side vent (P. 4-8)

# INSTRUMENT PANEL

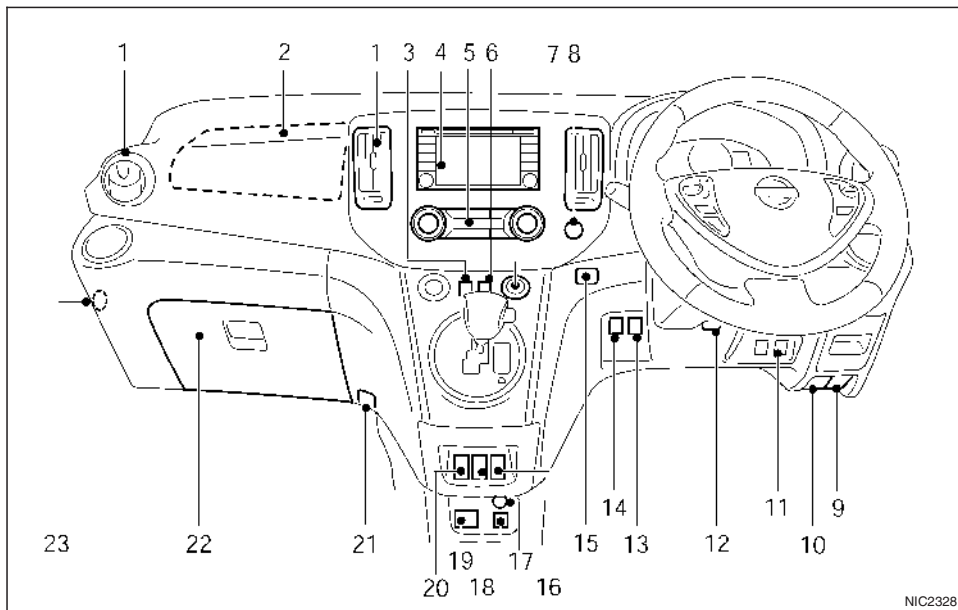


## LEFT-HAND DRIVE (LHD) MODEL

1. Hazard indicator flasher switch (P. 6-2)
2. Audio system\* (P. 4-24)  
— Audio, Phone integration and Navigation system\* (See the separately provided navigation owner's manual)  
— Mobile phone integration\* (P. 4-42)  
— Rear view monitor\* (P. 4-2)
3. Power switch (P. 5-8)
4. ECO switch (P. 5-13)
5. Heater and air conditioner\* control (P. 4-9)  
Defogger switch (P. 2-29)
6. Power door lock switch (P. 3-6)
7. Vents (P. 4-8)
8. Passenger's front-impact air bag\* (P. 1-32)

9. Front passenger air bag switch\* (P. 1-33)
10. Glove box (P. 2-33)
11. Convenience hook (P. 2-36)
12. Seat heater switch\*  
— passenger's side (P. 1-3)
13. Front power outlet (P. 2-33)
14. Heated steering wheel switch\* (P. 2-30)
15. AUX/USB sockets (P. 4-29)
16. Seat heater switch\*  
— driver's side (P. 1-3)
17. Odometer/Twin trip/Reset switch (P. 2-2)  
Instrument brightness control button (P. 2-4)  
Scroll/Confirmation buttons (P. 2-4)
18. Approaching Vehicle Sound for Pedestrians (VSP) switch (P. EV-20)
19. Electronic Stability Programme (ESP) OFF switch (P. 5-26) or  
Vehicle Dynamic Control (VDC) OFF switch (P. 5-28)
20. Steering wheel lock lever (P. 3-18)
21. Immediate charge switch (P. CH-18)
22. Bonnet unlock lever (P. 3-15)
23. Charge port unlock lever (P. 3-17)

\*: where fitted



## RIGHT-HAND DRIVE (RHD) MODEL

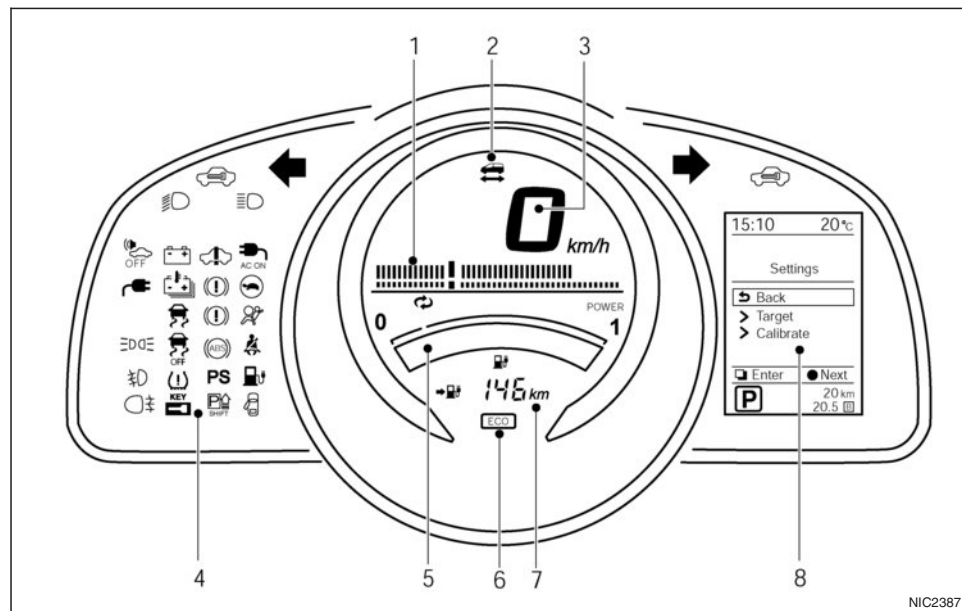
1. Vents (P. 4-8)
2. Passenger's front-impact air bag\* (P. 1-32)
3. Power door lock switch\* (P. 3-6)Rear cooler switch\* (P. 4-22)

4. Audio system\* (P. 4-24)  
— Audio, Mobile phone integration and Navigation system\* (See the separately provided navigation owner's manual)  
— Mobile phone integration\* (P. 4-42)  
— Rear view monitor\* (P. 4-2)
5. Heater and air conditioner\* control (P. 4-9)  
Defogger switch (P. 2-29)

6. ECO switch (P. 5-13)
7. Power switch (P. 5-8)
8. Hazard indicator flasher switch (P. 6-2)
9. Charge port unlock lever (P. 3-17)
10. Bonnet unlock lever (P. 3-15)
11. Immediate charge switch (P. CH-18)
12. Steering wheel lock lever (P. 3-18)
13. Electronic Stability Programme (ESP) OFF- (P. 5-26) or  
Vehicle Dynamic Control (VDC) OFF switch (P. 5-28)
14. Approaching Vehicle Sound for Pedestrians (VSP) switch (P. EV-20)
15. Odometer/Twin trip/Reset switch (P. 2-2)  
Instrument brightness control button (P. 2-4)  
Scroll/Confirmation buttons (P. 2-4)
16. Seat heater switch\*  
— driver's side (P. 1-3)
17. Front power outlet (P. 2-33)
18. Heated steering wheel switch\* (P. 2-30)
19. AUX/USB sockets (P. 4-29)
20. Seat heater switch\*  
— passenger's side (P. 1-3)
21. Convenience hook (P. 2-36)
22. Glove box (P. 2-33)
23. Front passenger air bag switch\* (P. 1-33)

\*: where fitted

## METERS AND GAUGES

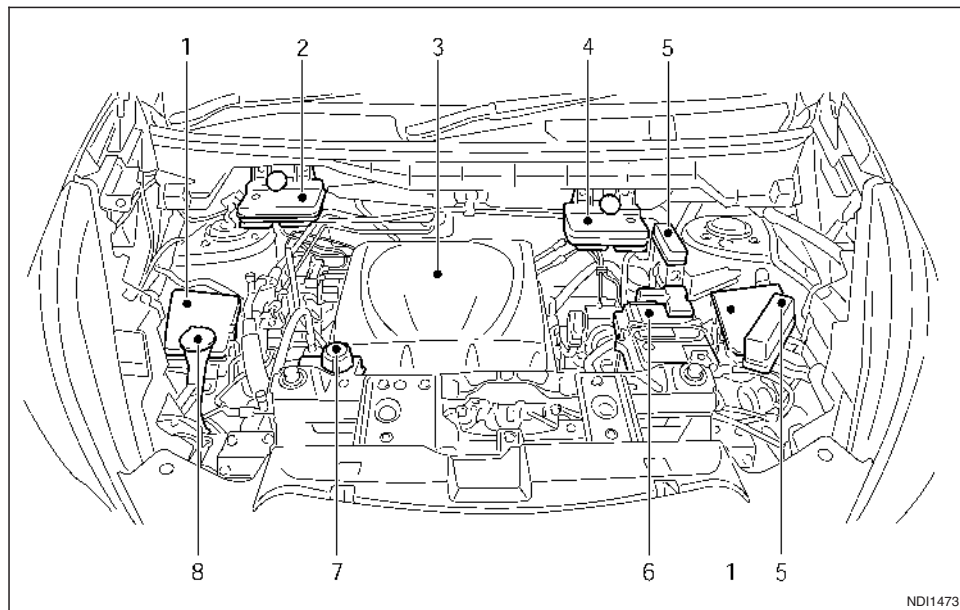


1. Power meter (P. EV-19, P. 2-2)
2. READY to drive indicator light (P. 2-20, P. 5-11)
3. Speedometer (P. 2-2)
4. Warning/Indicator lights (P. 2-13)
5. Li-ion battery available charge gauge (P. EV-20, P. 2-3)
6. ECO mode indicator light (P. EV-19, P. 5-13)
7. Driving range (P. EV-19, P. 2-3)
8. Vehicle information display (P. 2-4)
  - Odometer/Twin trip odometer (P. 2-2)
  - Warnings and notifications (P. 2-4)
  - Rear view monitor\* (P. 4-2)

\*: where fitted



## MOTOR COMPARTMENT



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- |  |   |
|--|---|
| 1. Fuse/fusible link holders (P. 8-12)                                   | 6. 12-Volt battery (P. 8-10)              |
| 2. Brake fluid reservoir<br>— For Right-Hand Drive (RHD) models (P. 8-7) | 7. Coolant reservoir (P. 8-6)             |
| 3. Power Delivery Module (PDM) (P. 9-5)                                  | 8. Window washer fluid reservoir (P. 8-9) |
| 4. Brake fluid reservoir<br>— For Left-Hand Drive (LHD) models (P. 8-7)  |   |
| 5. Fusebox (P. 8-12)   |   |

NOTE

# Electric vehicle overview

The electric vehicle system .....	EV-2	Before driving your vehicle (models with EV Navigation system).....	EV-10
Li-ion battery.....	EV-2	Starting your vehicle .....	EV-14
Driving with a discharged Li-ion battery .....	EV-3	Driving the vehicle.....	EV-15
Charging the 12-volt battery .....	EV-4	At home after driving .....	EV-17
Li-ion battery warmer (where fitted) .....	EV-5	Efficient use of your vehicle .....	EV-18
Li-ion battery cooler (where fitted) .....	EV-6	Driving range.....	EV-18
High voltage precautions .....	EV-6	Improve driving range .....	EV-18
High-voltage components.....	EV-6	Energy saving control.....	EV-18
Road accident precautions.....	EV-7	Li-ion battery life .....	EV-18
Emergency shut-off system .....	EV-8	Electric vehicle unique information .....	EV-19
Electric vehicle characteristics .....	EV-8	Meters and indicators.....	EV-19
Noise and vibration .....	EV-9	Approaching Vehicle Sound for Pedestrians (VSP) system.....	EV-20
Life with an electric vehicle (scene guide).....	EV-9		
Charging the Li-ion battery .....	EV-9		

## THE ELECTRIC VEHICLE SYSTEM

The e-NV200 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 e-NV200 is powered by electricity. The e-NV200 does not require and it is not capable of using petrol like a vehicle powered by a traditional internal combustion engine. The e-NV200 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 or diesel engines, 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, supplemental restraint systems, headlights and windshield 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 braking. 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 ambient temperatures above 49°C (120°F) for over 24 hours.**
- **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 state of charge.**
- **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 run 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 of the driving range, compared to the initial driving range when the vehicle was new. This is normal, expected, and not indicative of any defect in your Li-ion battery. NISSAN estimates that the remaining battery capacity will be approximately 80% of the original capacity after five years, although this is only an approximate value that may vary (and could be significantly lower) depending on individual vehicle and Li-ion battery usage.**
- **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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for information about recycling or disposal of the Li-ion battery. Do not attempt to recycle or dispose of the Li-ion battery yourself.**

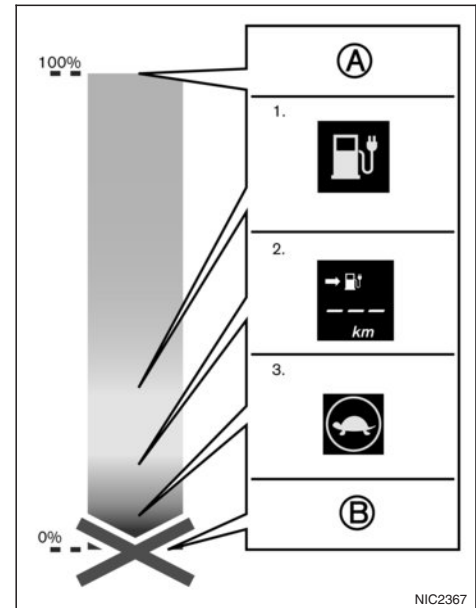
## DRIVING WITH A DISCHARGED LI-ION BATTERY

When a destination is set in the EV Navigation system that exceeds the available driving range, the EV Navigation system automatically searches the location of nearby charging stations. When the nearby charging station locations are displayed, charge the Li-ion battery as soon as possible (models with EV Navigation system).

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. Instructions are also displayed on the EV Navigation system screen to direct you to nearby charging stations (models with EV Navigation system).


The vehicle's range is very limited when these warning lights illuminate and messages are displayed. Follow the instructions on the navigation screen (models with EV Navigation system) and immediately charge the vehicle at the nearest charging station.

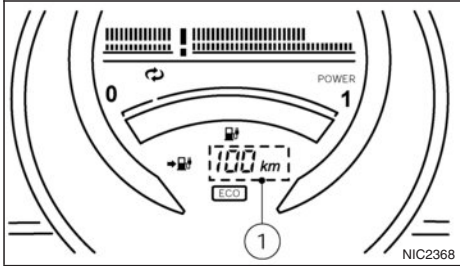
There are three levels of information that will be displayed as the Li-ion battery becomes discharged:



- (A) Full charge
- 1. Low Li-ion battery
- 2. [- - -] indication
- 3. Traction motor output limited
- (B) Battery discharged

1. The following warning lights illuminate on the instrument panel and messages are displayed on the vehicle information display at the same time to indicate low Li-ion battery charge:

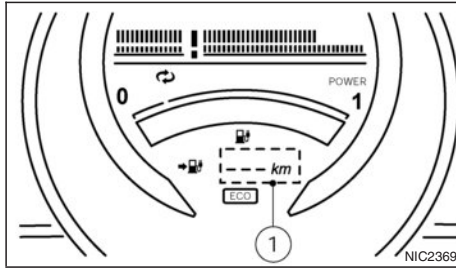
- The low battery charge warning light 
- Li-ion battery level is low warning message is displayed on the vehicle information display. See "Vehicle information display" in the "2. Instruments and controls" section.




- The driving range flashes ①.

#### 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 on the instrument panel changes to [- - -] ②.
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 Warranty Book and Maintenance Record. See "If the Li-ion battery becomes completely discharged" in the "6. In case of emergency" section.

## 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 charge status indicator light on the instrument panel flashes (except when charging the Li-ion battery or when the power switch is in the READY to drive position).

See "Charging related indicator lights" in the "CH. Charging" section.

### While the 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 ACC position.
- When the power switch is in the ON position and the shift lever is in any position except the P (Park) position.

### While the vehicle is not in use

When the electric vehicle system is off for an extended time, the 12-volt battery may be automatically charged for a short period of time on a regular basis.

## LI-ION BATTERY WARMER (where fitted)

### CAUTION

The Li-ion battery warmer does not operate if the available Li-ion battery charge is less than approximately 30% and the charger is not connected to the vehicle. To help prevent the Li-ion battery from freezing, do not leave the vehicle in an environment where temperatures may go below -17°C (-1°F) unless the vehicle is connected to a charger. Please charge the Li-ion battery soon after the available Li-ion battery charge becomes 30% or less.

The Li-ion battery warmer helps to prevent the Li-ion battery from freezing and helps to prevent significant reductions in the Li-ion battery output when the temperature is cold. The Li-ion battery warmer automatically turns on when the Li-ion battery temperature is approximately -17°C (-1°F) or colder. The Li-ion battery warmer automatically turns off when the Li-ion battery temperature is approximately -10°C (14°F) or higher.

The Li-ion battery warmer uses electrical power from an external source when a charger is connected to the vehicle. The Li-ion battery warmer uses electrical power from the Li-ion battery when the charger is not connected to the vehicle.

### NOTE

- Connect the charger to the vehicle and place the power switch in the OFF position when parking the vehicle where temperatures may go below -17°C (-1°F). This provides external

power to the Li-ion battery warmer when it operates and does not discharge the Li-ion battery.

- The charging status indicator lights illuminate in a specific pattern when the Li-ion battery warmer operates. The charging status indicator lights use the same pattern to indicate 12-volt battery charging, Climate Ctrl. Timer operation or Remote Climate Control (where fitted) operation (models with EV Navigation system). The charging status indicator lights do not change if the Li-ion battery warmer operates at the same time as the above features. See "Charging related indicator lights" in the "CH. Charging" section.
- The Li-ion battery warmer uses Li-ion battery power to operate, even if the vehicle is connected to a charger when:
  - The vehicle's power switch is in the ON position.
  - There is no electrical power being supplied to the charging equipment.
- When the Li-ion battery warmer is already in operation using an external power source, it will continue to use the external power even if the power switch is placed in the ON position.
- Vehicle driving range is reduced if the Li-ion battery warmer operates (Li-ion battery temperature approximately -17°C (-1°F) or colder) while driving the vehicle. You may need to charge the Li-ion battery sooner than under warmer ambient temperatures.

- The Li-ion battery requires more time to charge when the Li-ion battery warmer operates.
- The predicted charging time displayed on the meter and navigation system (models with EV Navigation system) increases when the Li-ion battery warmer operates.
- The Li-ion battery may not charge to the expected level using the Charging Timer when start time (models with EV Navigation system) and end time are set while the Li-ion battery warmer operates.
- Set the Charging Timer end time when charging in cold weather. The vehicle automatically determines when to start charging to fully charge the Li-ion battery whether or not the Li-ion battery warmer operates.
- For models with EV Navigation system: When the Li-ion battery warmer operates while the power switch is in the OFF position and the charger is not connected to the vehicle, an e-mail will be sent to remind you to connect the charger. See the separately provided EV Navigation system Owner's Manual.
- The battery warmer uses a blower. Therefore vibration/sound might be felt/heard from a blower during the Li-ion battery warmer operation.

## LI-ION BATTERY COOLER (where fitted)



### WARNING

The system contains refrigerant under high pressure. To avoid personal injury, any climate control servicing should be done only by an experienced technician using the proper equipment.

The Li-ion battery cooler helps to prevent the Li-ion battery from overheating.

The Li-ion battery cooler automatically turns on under the following conditions:

The Li-ion battery temperature is high while quick charging or 200V normal charging operation. The Li-ion battery cooler automatically turns off when the Li-ion battery temperature decreases.

The battery cooler does not operate when the Li-ion battery is charged with 100V normal charging.

### NOTE

- The charging status indicator lights illuminate in a specific pattern when the Li-ion battery cooler operates. The charging status indicator lights use the same pattern to indicate 12-volt battery charging and Climate Ctrl. Timer operation. The charging status indicator lights do not change if the Li-ion battery cooler operates at the same time as the above features. See "Charging related indicator lights" in the "CH. Charging" section.
- The Li-ion battery cooler performance is reduced when using the climate control while normal charging operates.

- The Li-ion battery requires more time to charge when the Li-ion battery cooler operates.
- The Li-ion battery may not charge to the expected level using the Charging Timer when a start time and end time are set while the Li-ion battery cooler operates.
- The battery cooler uses a blower. Therefore vibration/sound might be felt/heard from a blower during the Li-ion battery cooler operation.

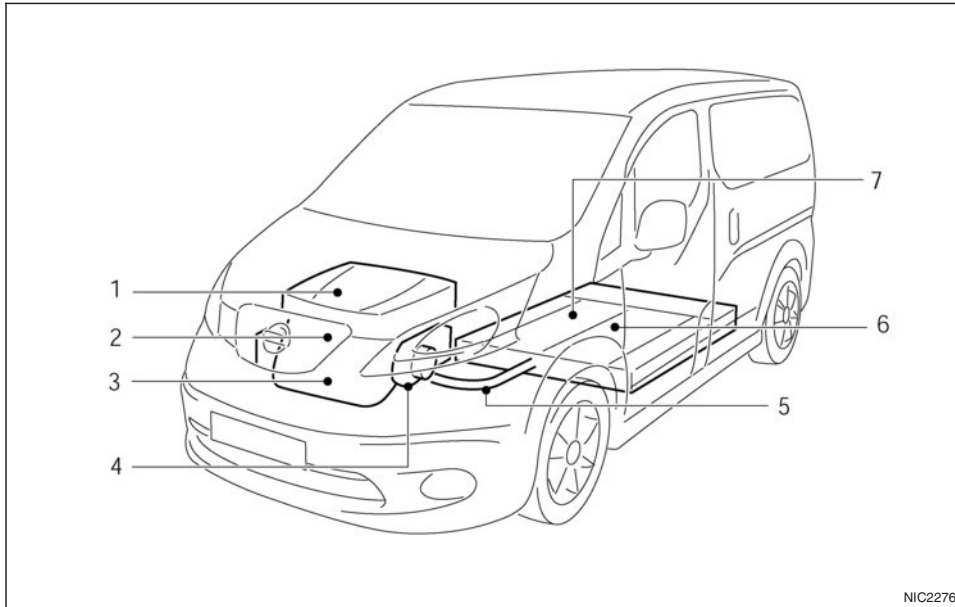
## HIGH-VOLTAGE COMPONENTS



### WARNING

- The electric vehicle system uses high voltage up to approximately DC 400 volts. 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 coloured orange.
- Disassembling, removing or replacing those parts or cables can cause severe burns or electric shock that may result in serious injury or death.
- The vehicle high voltage system has no user serviceable parts. Take your vehicle to a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for any necessary maintenance.





High-voltage components

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- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Power Delivery Module (PDM)           <ul style="list-style-type: none"> <li>- Charger</li> <li>- DC/DC Converter</li> </ul> </li> <li>2. Traction motor inverter</li> <li>3. Traction motor</li> <li>4. Reduction gear</li> <li>5. High-voltage wire harnesses (coloured orange)</li> </ol> | <ol style="list-style-type: none"> <li>6. Li-ion battery</li> <li>7. Service plug</li> </ol> |
|--|--|

**WARNING**

In case of a collision:

- Check your vehicle to see if there are exposed high-voltage parts or cables. For their locations, see “High voltage precautions” earlier in this section. To avoid personal injury, never touch high-voltage wiring, connectors, and other high-voltage parts, such as the Power Delivery Module (PDM), inverter unit and Li-ion battery. An electric shock may occur if exposed electric wires are visible 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 leaking fluid inside or outside the vehicle. If the fluid contacts your skin or eyes, wash it off immediately with a large amount of water and get immediate medical attention to help avoid serious injury.
- If a fire occurs in the electric vehicle leave the vehicle as soon as possible. Only use a type ABC, BC or C fire extinguisher that is meant for use on electrical fires. Using even a small amount of water or the incorrect type of fire extinguisher can result in serious injury or death from electrical shock.

## ELECTRIC VEHICLE CHARACTERISTICS

- **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 generate electricity. This may damage the components of the electric vehicle system and cause a fire.**
- **If you are not able to safely assess the vehicle due to vehicle damage, do not touch the vehicle. Leave the vehicle and contact emergency services. Advise 1st responders that this is an electric vehicle.**
- **In the event of an accident that requires body repair and painting, the vehicle should be delivered to a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer to have the Li-ion battery pack and high voltage parts such as the Power Delivery Module (PDM) and inverter, including the wiring harness, removed prior to painting. Li-ion battery packs exposed to heat in the paint booth will experience capacity loss. Damaged Li-ion battery packs may also pose safety risks to untrained mechanics and repair personnel.**

### 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 system malfunctions

In the above described conditions the READY to

drive indicator light will turn off. See "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section.

The emergency shut-off is activated during the types of collisions mentioned above to minimise risk of an event that could cause further injury. If the emergency shut-off system activates, the electric vehicle system may not be switched to the READY to drive position, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. Even if the power switch is switched to the READY to drive position, the system may shut-off suddenly. Therefore, drive cautiously to the nearest knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer or contact such a 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. See "Electric vehicle unique information" later in this section.**
- **When leaving the vehicle, be sure to turn off the electric vehicle system.**
- **Be sure to place the shift lever in the P (Park) position and apply the parking brake when parking, because the vehicle can move when the READY to drive indicator light is ON. When the READY to drive indicator light is ON, do not leave your vehicle in a shift position other than the P (Park) position.**
- **Keep the brake pedal depressed until you are ready to drive. When the vehicle is in the D (drive), ECO or R (reverse) position, and you release the brake pedal, even without depressing the 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 the regenerative brake system is to generate some power to recharge the Li-ion battery and to**

extend the 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 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.
- Less deceleration is provided by the regenerative brake system when the Li-ion battery is fully charged. 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 battery temperature is high/low (indicated by the red/blue zones on the Li-ion battery temperature gauge) 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

The following noises or vibrations are considered normal characteristics for 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 Remote Climate Control (where fitted) is used.
- Relay operation noise and vibration at start-up and shut-down of the electric vehicle system (power switch placed in the ON and OFF position).
- The Approaching Vehicle Sound for Pedestrians (VSP).

## LIFE WITH AN ELECTRIC VEHICLE (scene guide)



### WARNING

The electric vehicle system uses a high voltage current. Failure to follow the proper handling instructions may cause serious injury or death.

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

## CHARGING THE LI-ION BATTERY

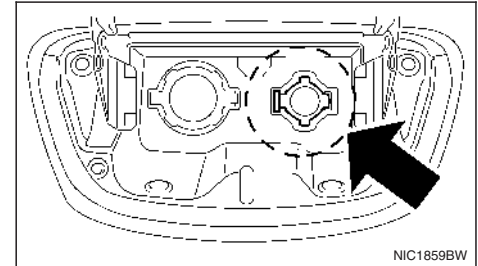


### WARNING

Be sure to read “Precautions on charging” in the “CH. Charging” section and follow the procedures and guidelines described.

There are two main methods of charging the Li-ion battery:

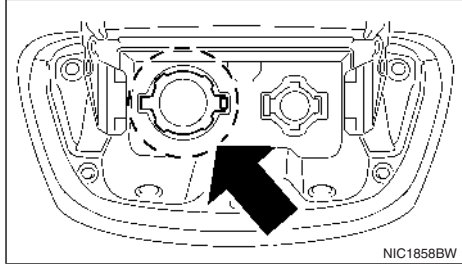
- Quick charge (where fitted)
- Normal charge



Normal charge port - Right hand side

For normal charge connect using the right hand side charging port with the orange cap.

For instructions see "Charging methods" in the "CH. Charging" section.

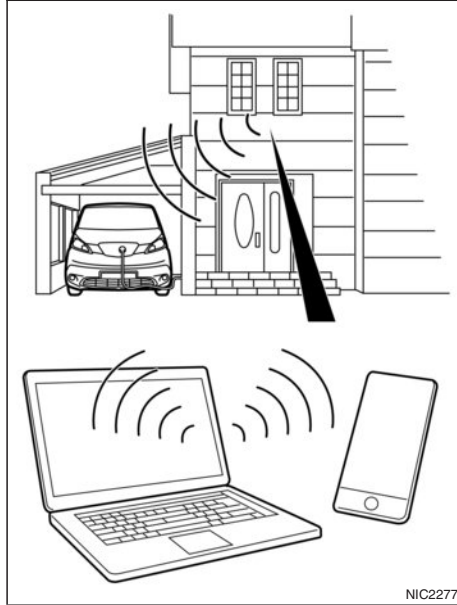


Quick charge port - Left hand side

For quick charge connect using the left hand side charging port with the black cap.

For instructions see "Charging methods" in the "CH. Charging" section.

## BEFORE DRIVING YOUR VEHICLE (models with EV Navigation system)



The Li-ion battery charging status and the Li-ion battery warmer operation can be checked using an internet enabled smart phone or personal computer at home. You may also choose to have SMS messages (text messages) sent to a mobile phone.

Additionally, the heater and air conditioner of the vehicle can be set to operate using the Climate Ctrl. Timer function or A/C-heater remote function, if necessary. See "Heater and air conditioner" in the "4. Display screen, heater and air conditioner, and audio system" section.

### NOTE

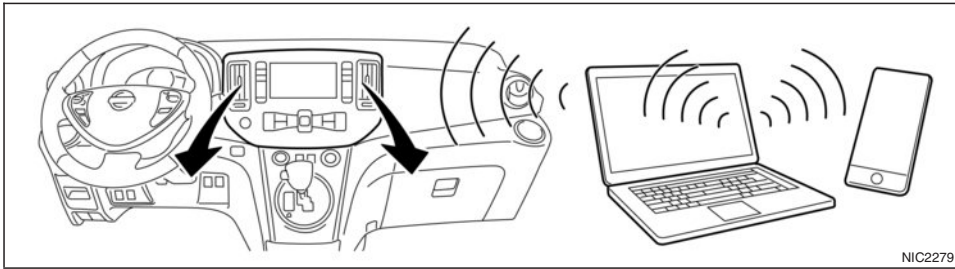
- **To check the Li-ion battery charging status or to use the remote heater and air conditioner using an internet enabled smart phone or personal computer, the following conditions must be met:**
  - The vehicle must be located in a mobile phone or smart phone coverage area.
  - The internet enabled mobile phone or smart phone must be located in a mobile phone or smart phone coverage area.
  - The computer must be connected to the internet.
  - A mobile phone must be used to communicate with the vehicle.
  - A mobile phone capable of text messaging must be used to receive text messages regarding vehicle charge status.
- **When the charge connector is disconnected from the vehicle, the heater and air conditioner operates using vehicle Li-ion battery electric power.**
- **If the remote heater and air conditioner function and Li-ion battery charging are performed at the same time, Li-ion battery charging will take longer than usual due to the power used to heat or cool the vehicle.**



### Checking Li-ion battery charge status

The Li-ion battery charge status can be checked on the NISSAN Data Centre website via an internet enabled smart phone or personal computer.

If the Li-ion battery is not sufficiently charged, you can start charging the Li-ion battery via the remote charge function. See "Charging methods" in the "CH. Charging" section.



## Operating the climate control system before driving

The vehicle heater and air conditioning system can be turned on via remote control with an internet enabled smart phone or personal computer.

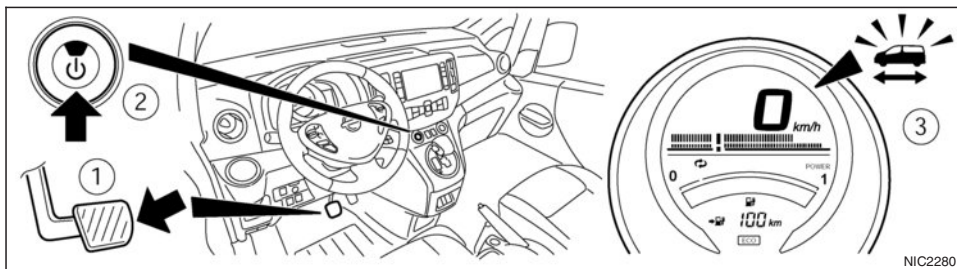
This allows the interior of the vehicle to be heated or cooled while the vehicle is charging. This reduces the load on the Li-ion battery while the vehicle is being driven and can help increase the vehicle driving range. See "Heater and air conditioner" in the "4. Display screen, heater and air conditioner, and audio system" section.



## Notification of the Li-ion battery warmer operation

You can be notified of the Li-ion battery warmer operation on the NISSAN Data Centre website via an internet enabled smart phone or personal computer.

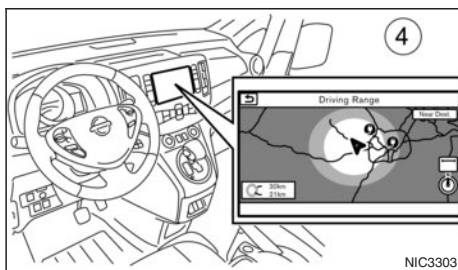
When the power switch is in the OFF position and charge connector is not connected, or if the Li-ion battery warmer starts or stops, an e-mail notifies you to connect the charger to the vehicle. See the separately provided EV Navigation system owner's manual.



- If it is necessary to charge the Li-ion battery, use the navigation system (where fitted) to search for available charging stations on your planned driving route.

## STARTING YOUR VEHICLE

1. Depress the brake pedal ①.
2. Press the power switch ②
3. Check that the READY to drive indicator light illuminates ③. See “Warning/indicator lights and audible reminders” in the “2. Instruments and controls” section
4. Models with EV Navigation system: If route guidance is necessary, enter the destination in the EV Navigation system ④. See the separately provided EV Navigation system owner’s manual.
5. Check the Li-ion battery charge level and the estimated driving range shown on the meter. See “Meters and gauges” in the “2. Instruments and controls” section.



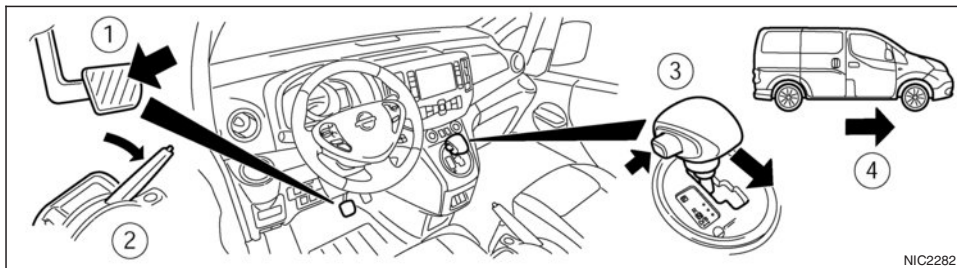
Models with EV Navigation system (example)

## Models with EV Navigation system

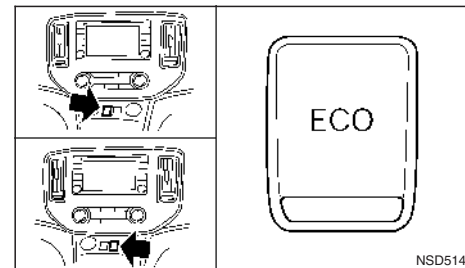
### NOTE

- Before driving, compare the driving distance to the destination displayed on the navigation screen with the estimated driving range shown on the meter. Determine if it will be necessary to charge the Li-ion battery while driving to your planned destination.





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## DRIVING THE VEHICLE

1. Depress the foot brake pedal ①.
2. Release the parking brake ②.
3. Move the shift lever into the D (Drive) position ③.
4. Confirm that the vehicle is in the D (Drive) position. The indicator light next to the <D> by the shift lever illuminates and [D] is displayed on the meter.
5. Release the foot brake pedal.
6. Depress the accelerator pedal and start driving ④.

The accelerator pedal with kick down switch is installed to achieve moderate acceleration performance. The quick acceleration can be obtained by depressing the accelerator pedal.

### NOTE

**Watch the road condition while pressing down the pedal completely. For example, on the slippery road and sharp curve, etc.**

The following gear positions are for driving the vehicle forward:

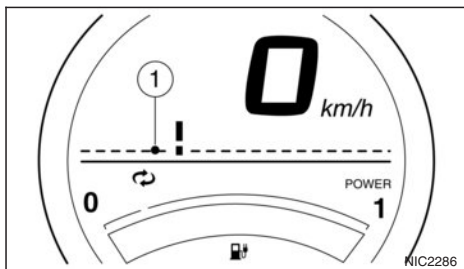
- Use the D (Drive) position for optimum driving performance.
- When the B position is used, more regenerative brake is applied when the accelerator pedal is released in comparison to the D (Drive) position. The B position is useful for downhill driving, as example.

See "Driving the vehicle" in the "5. Starting and driving" section.

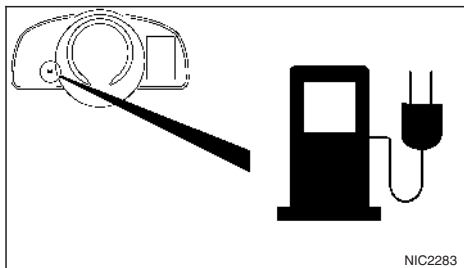
Use the ECO mode for maximum vehicle range and for city driving. The ECO position helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the D (Drive) position. When the ECO mode is used, more regenerative brake is applied when the accelerator pedal is released in comparison to the D (Drive) position.


### NOTE

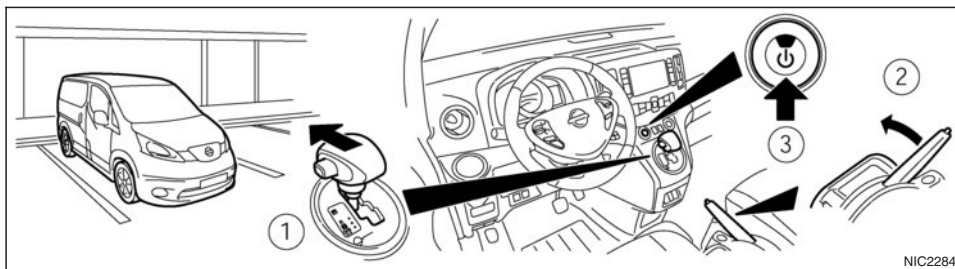
**The regenerative brake converts the vehicle's forward motion to electric power.**



When the regenerative braking is active, the instrument panel section turns green ①.

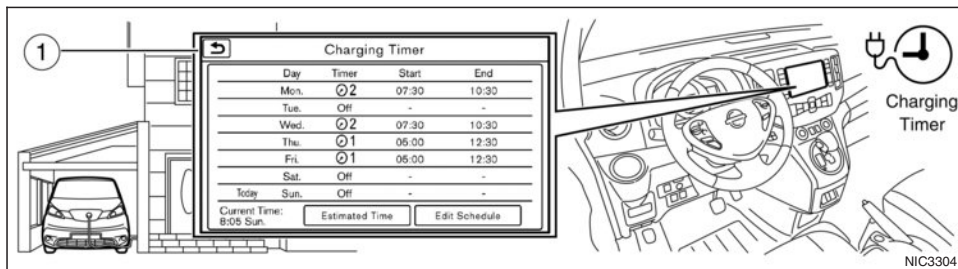


If the low battery charge warning light  illuminates, the Li-ion battery charge is too low for travel. See "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section. Charge the Li-ion battery as soon as possible.



## Parking the vehicle

1. When the vehicle has stopped, move the shift lever into the P (Park) position whilst depressing the brake pedal ①. Confirm that the vehicle is in the P (Park) position by checking the shift indicator located near the shift lever or the vehicle information display.
2. Apply the parking brake ②.
3. Push the power switch to the OFF position ③.
4. If the parking lot is equipped with charging facilities, charge the Li-ion battery as necessary. See "Charging methods" in the "CH. Charging" section.



Example

## AT HOME AFTER DRIVING

### Charging the Li-ion battery for models with EV Navigation system

The example shown is for models with EV Navigation system ①, see “Charging methods” in the “2. Charging” section for more information.

When you return home, connect the vehicle to the domestic charging station installed at your home by your Electro-Mobility Operator (EMO). Use the cable permanently attached to the domestic charging station or, if your station does not have a cable attached, your Mode3 cable. Either way you must plug in at the electric vehicle charge port on the right hand side.

Charge the vehicle or set the Charging Timer to have the vehicle charge at a specific time. See “Charging methods” in the “CH. Charging” section.

1. When the power switch is turned off, the settings of the Charging Timer and the Climate Ctrl. Timer

are displayed on the vehicle information display. See “Heater and air conditioner” in the “4. Display screen, heater and air conditioner, and audio system” section.

2. Open the charge port lid and charge port cap. See “Charge port lid” in the “3. Pre-driving checks and adjustments” section.
3. Connect the charge connector to the vehicle. See “How to charge the Li-ion battery” in the “CH. Charging” section.
4. When the Charging Timer is set, charging starts at the set time. When the Charging Timer is not set, charging starts immediately.

#### NOTE

- **NISSAN recommends that you connect your domestic charging station to your electric vehicle when getting out of the vehicle, even if the vehicle is not going to be used. By doing this, you can get the most out of the Remote**

Climate Control (where fitted) and Climate Ctrl. Timer functions the next time you use the vehicle.

#### ● Models with EV Navigation system:

- Charging time can be started remotely, even if the Charging Timer is set.
- When you have forgotten to connect your domestic charging station to your electric vehicle, there is a function that can notify you via text message-capable mobile phone, internet-enabled smart phone or personal computer. See “Charging related remote function (For models with EV Navigation system)” in the “CH. Charging” section.

# EFFICIENT USE OF YOUR VEHICLE

## DRIVING RANGE

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

## IMPROVE DRIVING RANGE

The available driving range depends on a number of factors. Actual driving range will vary depending upon:

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

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

### Before driving:

- Follow recommended periodic 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.
  - In the ECO position more regenerative braking is applied when the accelerator pedal is released in comparison to the D (Drive) position and more power is provided to the Li-ion battery.

- The ECO position helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the D (Drive) position.

- Drive at a constant speed. Maintain cruising speeds with a constant accelerator pedal position.
- Accelerate slowly and smoothly. Gently press 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 air conditioner/heater when it is not needed.
- Select a moderate temperature setting for heating or cooling to help reduce power consumption.
- Use only the fan to help reduce power consumption.
- In cold weather, use the heated seats (where fitted) and heated steering wheel (where fitted) as a substitute for air conditioner to help reduce power consumption.
- Use the air conditioner/heater 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 it.

- 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), and in the ECO mode or B (where fitted) 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).

## ENERGY SAVING CONTROL

To extend available driving range, maximum speed is limited to 100 km/h (62 MPH) after the low battery charge warning light turns on.

## LI-ION BATTERY LIFE

The Li-ion battery's ability to hold a charge, like all batteries, decreases with battery age and usage that results in a decreased driving range 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.

## ELECTRIC VEHICLE UNIQUE INFORMATION

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 the Li-ion battery temperature during vehicle operation and charging.

To maximise the battery life, use the following driving and charging habits where possible:

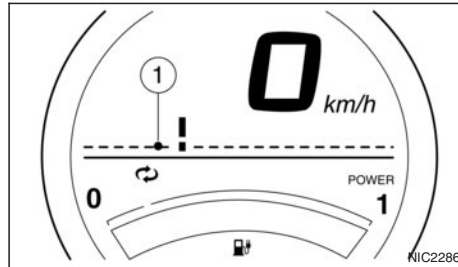
- Allow the charge level to drop below 80% before recharging.
- Avoid sustained periods above 80% charge.
- Avoid leaving the vehicle for over 14 days with very low battery state of charge.
- Avoid reaching high battery temperature (indicated by red zone of battery temperature gauge) by repeated use of DC quick charge.
- Avoid parking in areas of extreme temperature, above 49°C (120°F) or below -25°C (-13°F).
- Use a moderate driving style, for example by using ECO drive mode.

### METERS AND INDICATORS

The vehicle has a display in front of the steering wheel to provide information regarding vehicle operation.

#### Meters

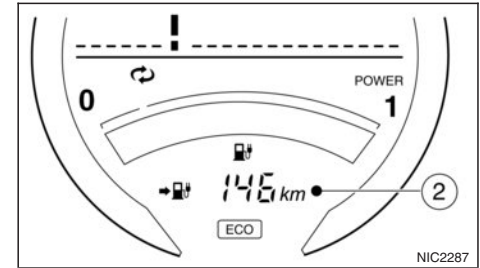
##### Power meter:



The meter displays the actual traction motor power consumption and the regenerative brake power provided to the Li-ion battery ①. When energy is generated, the bar turns green.

For additional information, see "Power meter bar" in the "2. Instruments and controls" section.

##### Driving range:



The meter displays the estimated driving range (calculated based on current driving style and operational conditions) that can be driven before recharging is necessary ②.

The mileage displayed is the driving range based on the current driving style.

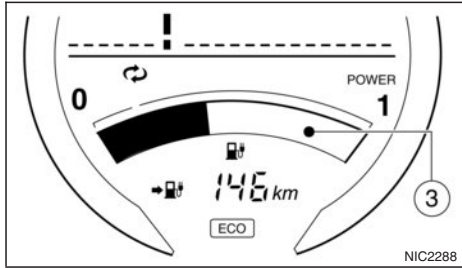
For additional information, see "Driving range" in the "2. Instruments and controls" section.

##### **ECO** indicator:

Use the ECO button to save battery energy. In the ECO mode the traction motor will consume less power. The brake energy regeneration level during driving increases.

For additional information, see "Li-ion battery available charge gauge" in the "2. Instruments and controls" section or "Driving the vehicle" in the "5. Starting and driving" section.

**Li-ion battery available charge gauge:**



The area ③ on the meter shows the remaining Li-ion battery power charge available to drive the vehicle.

For additional information, see “Li-ion battery available charge gauge” in the “2. Instruments and controls” section.

**Warning and indicator lights**

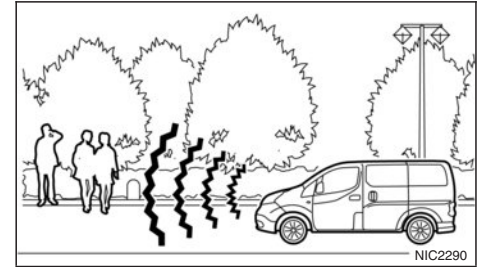
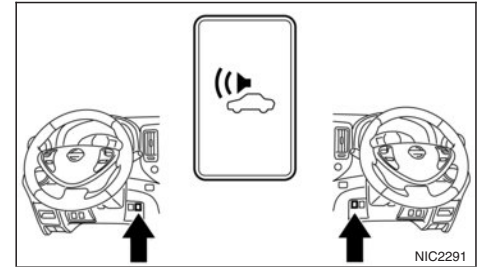
The electric vehicle system uses the following electric vehicle specific warning and indicator lights:

	Li-ion battery high temperature indicator (yellow)
	Li-ion battery low temperature indicator (blue)
	12-volt battery charge warning light
	Plug in indicator light
	READY to drive indicator light
	Power limitation indicator light
	Electric vehicle system warning light
	BRAKE system warning light (yellow)
	Low battery charge warning light
	Approaching Vehicle Sound for Pedestrians (VSP) indicator light

For additional information, see “Meters and gauges” in the “2. Instruments and controls” section and

“Warning/indicator lights and audible reminders” in the “2. Instruments and controls” section.

**APPROACHING VEHICLE SOUND FOR PEDESTRIANS (VSP) SYSTEM**



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

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

The sound stops when the vehicle speed exceeds approximately 30 km/h (19 MPH).

The sound (re-)starts when the vehicle speed drops below approximately 25 km/h (16 MPH).

The sound stops when the vehicle stops.

#### **Except for Europe Right-Hand Drive (RHD) model**

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

1. The VSP system is automatically turned on when the vehicle is in the READY to drive mode.
2. Push the VSP OFF switch to turn OFF the VSP system. (The VSP OFF indicator illuminates on the left of the combination meter when the system is off.)
3. Push the VSP OFF switch again to turn ON the VSP system. (The VSP OFF indicator turns off.)
4. The system is reset when the power switch is turned off. The VSP system is automatically turned on when the power switch is turned on again.



#### **WARNING**

- **Drivers must use the VSP (especially when reversing the vehicle) with due care/consideration and ensure that they comply with the laws of the jurisdiction in which they operate the VSP.**
- **The VSP system should only be turned off in certain very unusual situations, where the presence of pedestrians is very unlikely, such**

**as in a traffic jam on a highway. The VSP system should never be turned off if there is a chance pedestrians will be present.**

- **If the vehicle is driven with the VSP system switched off, pedestrians may not notice the oncoming vehicle, which may cause an accident resulting in serious personal injury or death.**
- **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 ON (VSP OFF indicator not illuminated), immediately contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for inspection.**









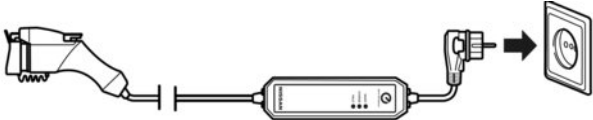

NOTE



# Charging

Types of charging.....	CH-2	Charging related remote function (For models with EV Navigation system) .....	CH-19
Precautions on charging.....	CH-3	Charging related indicator lights.....	CH-20
How to charge the Li-ion battery.....	CH-4	Charging status indicator lights.....	CH-20
Types of charging.....	CH-4	NISSAN Mode2 EVSE (Electric Vehicle Supply Equipment) cable control box indicator light (where fitted).....	CH-21
Quick charge (where fitted) .....	CH-4	Charging troubleshooting guide.....	CH-26
Normal charge .....	CH-7		
Charging methods.....	CH-16		
Charging Timer.....	CH-16		
Immediate charge.....	CH-18		

# TYPES OF CHARGING

Type of charging	Charge port	Charge connector	Control box	Power	Content
Quick charge		 Quick charge connector			Use public charging station conforming to CHAdeMO standard.
Normal charge		 Normal charge connector		 Normal charging station with cable	Use normal charging station with cable.
		 Normal charge connector      Plug		 Normal charging station with EV socket-outlet	Use NISSAN Mode3 cable and normal charging station with EV socket-outlet.
		 Normal charge connector      Domestic plug      Domestic outlet			Use NISSAN EVSE. Use only dedicated domestic outlets installed by an Electro-Mobility Operator (EMO).

## 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 the charge connector is removed from the charge port before starting your vehicle. If the charge connector is only partially engaged and the connector latch is unlocked, it is possible to place the EV (Electric Vehicle) in the READY to drive position.
- 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, Mode2 EVSE cable) when there is lightning. This may cause an electrical shock.

- Do not disassemble or modify the charge port or the charging equipment (domestic charging station, Mode2 EVSE cable or Mode3 cable). 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.
- NISSAN highly recommends you charge your vehicle at home using a NISSAN recommended dedicated domestic charging station.

An EN61851 compliant domestic charging station needs to be installed on a dedicated 220-240V 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 cap.
  - Do not subject the charging equipment to impact.
  - Do not pull or twist the charge cable.
  - Do not drag the charge cable.
  - Do not place the charging equipment close to a heater or other heat source.

- Make sure the charge port cap is closed when finishing the charging. If the charge port lid is closed and the cap is still 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 that the Li-ion battery is being charged. Doing so may damage the vehicle or charging equipment and could cause an injury. See "Jump starting" in the "6. In case of emergency" section.
- Do not insert any object other than the charge connector into the charge port doing so may cause damage to the charge port.
- 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, that the vehicle is charging, the breaker may trip.
- 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 (Moulded 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.

## HOW TO CHARGE THE LI-ION BATTERY

### NOTE

- When charging the Li-ion battery, place the power switch in the OFF position. When the power switch is in the ON position, the Li-ion battery will not start charging.
- For your safety, if the charger is connected to the vehicle while the power switch is in the READY to drive position, the vehicle will automatically switch to the ON position. Because charging will not be started while the power switch is in this position, be sure to place the power switch in the OFF position.
- 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.
- The power switch can be placed in the ON position and the climate control and Electric Vehicle (EV) information system 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 reducing the Li-ion battery charge time.
- If electrical power is interrupted while charging, charging restarts automatically when the electrical power is restored.
- It is recommended to keep the charge cable connected to save Li-ion battery power, when the heater and air conditioner are operating with remote operation.

- 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 knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

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.

### TYPES OF CHARGING

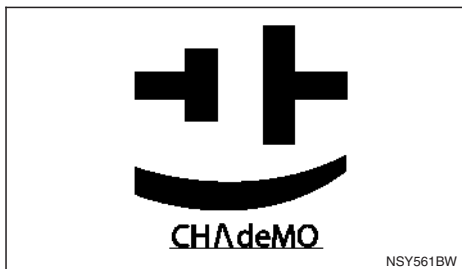
There are two main methods of charging the Li-ion battery:

- Quick charge (where fitted)
- Normal charge
- With normal charging station with cable
- With NISSAN Mode3
- With NISSAN EVSE

\*Your NISSAN Electric Vehicle dealer can advise regarding availability of this cable in your country.

### QUICK CHARGE (where fitted)

Quick charge capability is only available on vehicles manufactured with the quick charge option, which includes the quick charge port.



Quick charge uses public charging stations (up to 50kW of power). The compatible quick chargers are developed to the CHAdeMO standard as identified by the symbol as shown.

This vehicle is equipped with a quick charge port and it is compatible with most CHAdeMO (Japanese industry standard) connectors on public quick charger.

Quick charging is possible (even several times a day). If the battery temperature is near the red zone, in order to protect the battery, power of the quick charging will be limited.

The time needed to charge the Li-ion battery from discharged (low battery charge warning light illuminated) to 80% charged using a quick charger depends on many factors including the Li-ion battery temperature and the type of quick charger used.

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.

#### Power limitation mode

This mode protects the health and operation of the vehicle's Li-ion battery. This mode operates in certain extreme conditions (heat, cold, low state of charge). Power available to vehicle systems, including its traction motor, is limited resulting in limited performance, acceleration and top speed. Charging may be automatically terminated, especially with repeated quick charging in extreme hot weather.

#### How to start quick charge

Quick charge uses public charging stations (up to 50kW of power) to charge the battery in a short period of time.

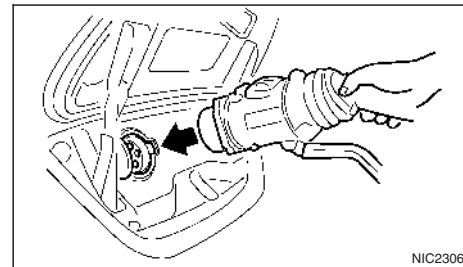


#### WARNING

- **Always use a quick charger with CHAdeMO mark that is compatible with the electric 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. Failure to connector or operate the quick charger correctly could cause damage to the vehicle or the charging equipment.**

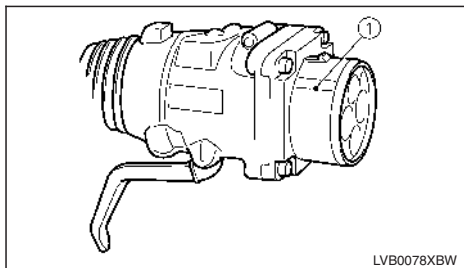
#### NOTE

**Quick charging is possible (even several times a day), if the battery temperature is not near the red zone. If the battery temperature reaches the red zone, in order to protect the battery, quick charging is not allowed and the power limitation mode will be triggered.**

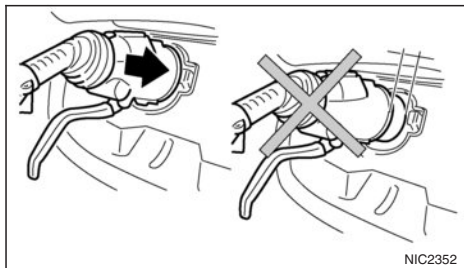


#### To start quick charge:

1. Move the shift lever into the P (Park) position and apply the parking brake.
2. When charging the Li-ion battery, place the power switch in the OFF position. When the power switch is in the ON position, the Li-ion battery will not start charging.
3. Open the charge port lid and charge port cap. See "Charge port lid" in the "3. Pre-driving checks and adjustments" section.

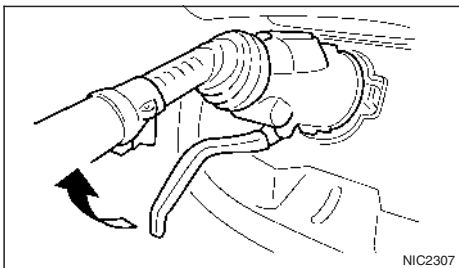


4. Align ① with the groove of the charge port and insert the charge connector.



#### CAUTION

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



5. Pull the lock lever up to lock the charge connector.
6. Confirm the lock lever is fixed in the lever holder as shown.
7. 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 change. See "Charging related indicator lights" later in this section.

Charging ends in the following situations:

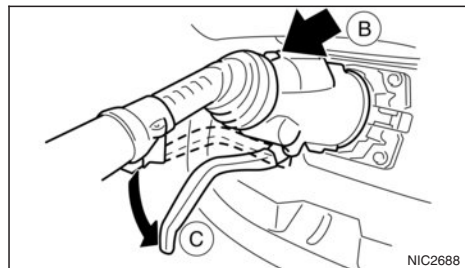
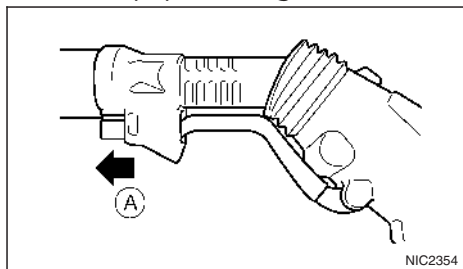
- When charging is complete.
- When the possible charge time set for the quick charger is exceeded.

#### NOTE

- Charging may automatically stop even if it is not completed.
- If charging stops mid-charge, you can restart charging by pressing the start button on the quick charger station again.

- The charge connector is locked to the charge port during charging and can not be disconnected. Follow the instructions on the quick charge equipment to stop charging. Confirm charging is stopped by looking at the charging status indicator lights 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 battery charge available 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



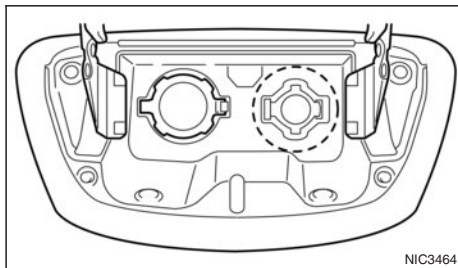
1. Confirm charging is stopped by looking at the charging status indicator lights on the instrument panel. The charge connector can be disconnected from the vehicle when charging is stopped.
2. Slide back the lever holder (A).
3. Press the button (B) on the charge connector to release the lock lever (C).

4. Remove the charge connector from the vehicle and store it away properly.
5. Close the quick charge port cap.
6. 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









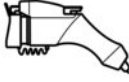


Normal charge port - Right hand side

There are three methods of normal charging:

- With normal charging station with cable
- With NISSAN Mode 3 cable
- With NISSAN EVSE

### NOTE

- Your NISSAN Electric Vehicle dealer can advise regarding availability of this cable in your country.
- NISSAN highly recommends an EN61851-compliant normal charging station installed on a dedicated 220-240 V circuit in your home by a licensed professional electrician, certified by a NISSAN-recommended Electro-Mobility Operator (EMO). NISSAN has contracted EMOs to assist you in purchasing and installing these charging stations, which are easy to use and provide AC power to your NISSAN vehicle for charging the battery. Another advantage is that it is possible to fully charge your electric vehicle overnight whilst using the cabin pre-heating or pre-cooling function. Your normal charging station will either have a cable attached, or requires the use of a NISSAN Mode 3 cable. Either way, you must connect the normal charge connector to the charge port on the right hand side.

Type of normal charging	Charge port	Charge connector	Control box	Power	Content
With normal charging station with cable		 <p>Normal charge connector</p>		 <p>Normal charging station with cable</p>	Use normal charging station with cable.
With NISSAN Mode3 cable		 <p>Normal charge connector</p>	 <p>Plug</p>	 <p>Normal charging station with EV socket-outlet</p>	Use the NISSAN Mode3 cable and normal charging station with EV socket-outlet.
With NISSAN EVSE		 <p>Normal charge connector</p>	 <p>Domestic plug</p>	 <p>Domestic outlet</p>	Use NISSAN EVSE. Use only dedicated domestic outlets installed by an Electro-Mobility Operator (EMO).



## Normal charge with normal charging station with cable

The vehicle can be charged with compatible public normal charging stations and some versions of the home charging units.

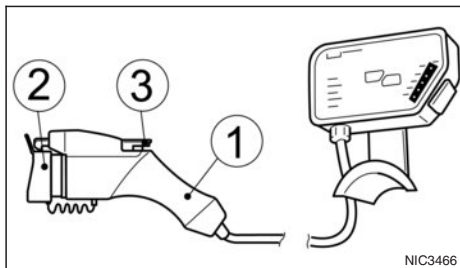
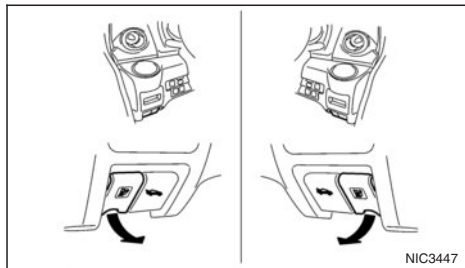


### WARNING

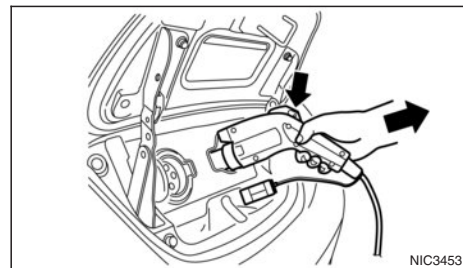
**Before starting the charge with charging station, carefully read the instructions provided on the normal charging station.**

### How to start a normal charge with normal charging station with cable

1. Move the shift lever to the P (Park) position and apply the parking brake.
2. Turn the vehicle's power off. Otherwise charging will not start.



- ① Normal charge connector
- ② Safety cap
- ③ Release button
4. Open the charge port cap.
5. Follow the instructions on the normal charging station to start charging. Remove the safety cap (2) from the normal charge connector (1) (where fitted).
6. Connect the normal charge connector to the vehicle normal charge port, and hold the connector until it is locked. If it is connected correctly, a beep will sound once.



7. Follow the instructions on the normal charging station to start charging. 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 display will change. See "Charging status indicator lights" in the "CH. Charging" section.

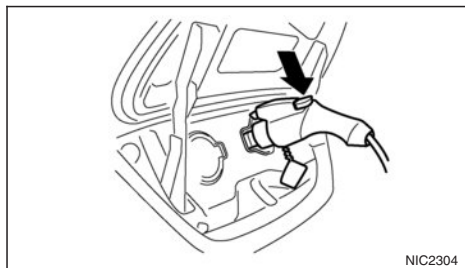
### NOTE

**When the vehicle detects that the connector is not connected correctly, an alarm sounds for 30 seconds. In that case, insert the connector correctly or retry the connection. The alarm will stop after 30 seconds, even if the charging connector connection has not been made correctly, but the charging will not start.**

3. Open the charge port lid. See "Charge port lid" in the "3. Pre-driving checks and adjustments" section

## How to stop a normal charge with normal charging station with cable

Follow the instructions on the charging station to stop charging.



1. Press the button on the charge connector, release the lock and remove the charge connector from the charge port.
2. Attach the safety cap to the cable attached to normal charging station (where fitted).
3. After closing the cap on the vehicle charge port, close the charge port lid.

## Normal charge with NISSAN Mode 3 cable (Where fitted)

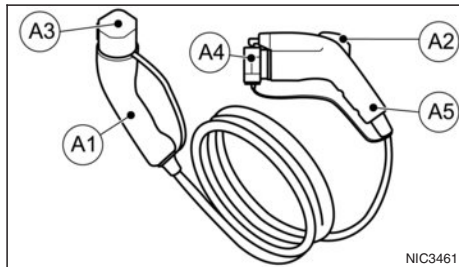
NISSAN Mode 3 cable can be used with normal charging station with EV socket-outlet. Your NISSAN Electric Vehicle dealer can advise regarding the availability of this cable in your country. The NISSAN Mode 3 cable is a dedicated Electric Vehicle charging cable and can be used with compatible public normal 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:



NISSAN Mode 3 cable (Type 2 plug)

- A1 Type2 plug (with male terminal)  
Connect the plug to a normal charging station socket-outlet.
- A2 Release button
- A3 Plug safety cap  
Be sure to refit the safety cap once charging has finished.
- A4 Normal charge connector safety cap  
Be sure to refit the safety cap once charging has finished.



A5 Normal charge connector (with female terminal)

Connect the normal charge connector to a normal charge port.

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 the NISSAN Mode3 cable.
- Do not touch the electrical terminals of the NISSAN Mode3 cable.
- Do not allow a child to handle or use the NISSAN Mode3 cable without adult supervision.

#### Precautions on handling the NISSAN Mode3 cable:

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

- Do not use the NISSAN Mode3 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 the NISSAN Mode3 cable.
- Immediately stop using the NISSAN Mode3 cable if you notice an abnormality or problem such as a strange smell, smoke, or unusual noises being emitted from the NISSAN Mode3 cable while charging.

## CAUTION

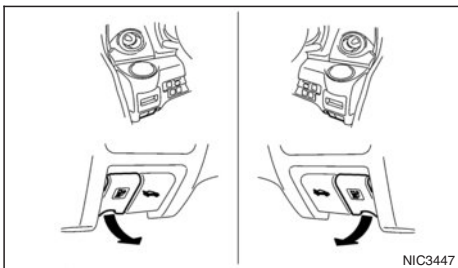
- Handle the NISSAN Mode3 cable carefully. For example, do not drop the NISSAN Mode3 cable, subject it to excessive shocks, or immerse it in water.

### Precautions on storing the NISSAN Mode3 cable:

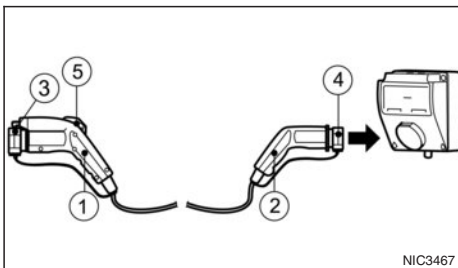
- Do not store the NISSAN Mode3 cable in a place exposed to direct sunlight.
- Do not store the NISSAN Mode3 cable in a place exposed to wind and rain.
- Be sure to store the NISSAN Mode3 cable with the protective cap on, to keep the terminal part of the normal charge connector away from dirt and dust.
- Do not store the NISSAN Mode3 cable in a condition in which the cable is twisted.

### How to start a normal charge with the NISSAN Mode3 cable

1. Move the shift lever to the P (Park) position and apply the parking brake.
2. Turn the vehicle's power off. Otherwise charging will not start.



3. Open the charge port lid. See "Charge port lid" in the "3. Pre-driving checks and adjustments" section.

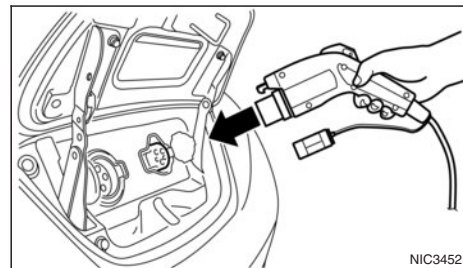


- ① Normal charge connector
- ② Plug
- ③ Normal charge safety cap
- ④ Plug cap
- ⑤ Release button

4. Remove the plug safety cap ④ from the plug ②

and connect the plug to the charging station EV socket-outlet. Before connecting confirm the instructions provided on the normal charging station.

5. Open the charge port cap.
6. Remove the normal charge connector safety cap ③ from the normal charge connector ①.



7. Connect the normal charge connector to the vehicle normal charge port, and hold the connector until it is locked. If it is connected correctly, a beep will sound once.

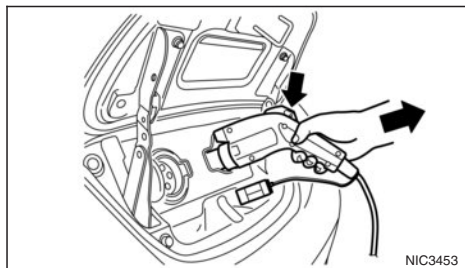
- Follow the instructions on the normal charging station to start charging. If charging has started, or if the Li-ion battery is waiting for the charging timer to start, a beep will sound twice and the charging status indicator light display will change. See "Charging status indicator lights" later in this section.

#### NOTE

**When the vehicle detects that the connector is not connected correctly, an alarm sounds for 30 seconds. In that case, insert the connector correctly or retry the connection. The alarm will stop after 30 seconds, even if the charging connector connection has not been made correctly, but the charging will not start.**

#### How to stop a normal charge with the NISSAN Mode3 cable

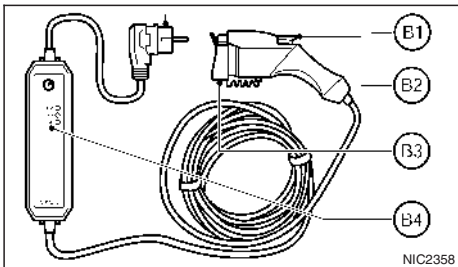
Follow the instructions on the charging station to stop charging.



- Press the button on the charge connector, release the lock and remove the charge connector from the charge port.

- Attach the normal charge connector safety cap to the normal charge connector.
- After closing the cap on the vehicle charge port, close the charge port lid.
- Remove the NISSAN Mode3 cable plug from the charging station EV socket-outlet and attach the plug safety cap to the plug. If the plug is locked by the charging station, release the lock according to the instructions provided on the normal charging station.
- Store the charging cables appropriately.

#### Normal charge with NISSAN EVSE (Electric Vehicle Supply Equipment) cable (where fitted)



NISSAN EVSE cable

- Outlet plug**  
**NISSAN EVSE:** Insert the outlet plug into a dedicated 220 – 240 V AC power outlet
- Release button
- Safety cap  
Be sure to refit the safety cap once charging has finished
- Control box indicator lights

The NISSAN EVSE cable with domestic plug is primarily intended for use with public charging stations, and provides 8-16 Amperes AC power (3kW max) to charge the battery.

When using the NISSAN EVSE with a domestic electrical socket, it is important to understand that the NISSAN electric vehicle draws a high continuous electrical current which could lead to concerns if the electrical wiring and socket do not comply with the latest National Regulations; have been incorrectly installed; or not properly maintained.

Your NISSAN 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 NISSAN electric vehicle.



## WARNING

- Do not use any electrical socket which does not comply with the latest National Regulations to charge your NISSAN electric vehicle.
  - If your house's electrical system is old or has not been inspected recently we strongly recommend that you get your wiring and socket 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 cable is not designed to be used with adapters and might get hot.
- Ensure that your NISSAN electric vehicle is charged on a dedicated circuit.
  - A dedicated circuit is a line from the circuit breaker with no other electrical sockets.
  - Most detached garages will be supplied by a dedicated circuit but often sockets inside the house are on a ring main.
  - Ring main sockets can become overloaded from other electrical devices that are plugged in at the same time as your NISSAN electric vehicle which will trip your electricity supply.
- If there are any signs of wear, damage or discolouration, do not use the socket for charging.

- Inspect socket regularly and replace if there are any signs of wear, damage or discolouration.
- Do not touch the (metal) contact points of the charge port, charge connector or electrical plug.
- Do not use any EVSE cable other than a Genuine NISSAN EVSE cable.
- 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.

If you have any doubt regarding the capacity of the socket or wiring, do not charge your NISSAN electric vehicle until you have confirmed the outlet's suitability by consulting your Electro-Mobility Operator (EMO) or a qualified electrician.

### 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 plug and securely insert it straight up as far as the base.
- Do not pull on the cord to disconnect the plug.

In the event of an abnormality or problem:

- Do not use the EVSE when there is an abnormality or problem, such as a deep cut, crack, or damage, or if the plug is corroded.
- If charging stops when you move the 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.

### CAUTION

- Handle the EVSE carefully. For example, do not drop the EVSE, subject it to excessive shocks, or immerse it in water, or insert foreign materials into the plug or normal charge connector.
- Be sure to connect the EVSE to an domestic outlet with the rated voltage only.

### Precautions on the domestic outlet:

- Use a grounded domestic outlet that complies with standards and regulations.
- Do not use an domestic outlet if the plug is loose when inserted in the outlet or if there is damage or corrosion on the outlet side.

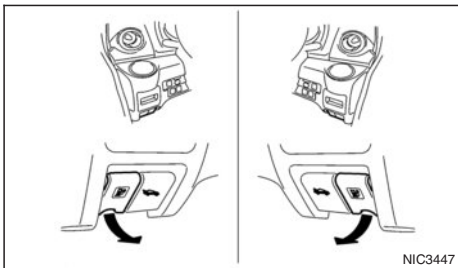
- Ensure electrical supply is AC 220 - 240 V, 50 or 60 Hz.
- Before you connect the EVSE be sure to check the rated current shown on the EVSE to ensure that the domestic outlet and circuit has enough current capacity to charge your vehicle safely.
- The EVSE draws a constant 8-16 Amperes, you must ensure that the domestic outlet and household wiring used for charging is rated at this level and complies with the latest electrical wiring standard and regulations in your country or area.
- Max current rating depends on country.
- If in any doubt about the domestic outlet and circuit, consult a qualified electrician.

#### Precautions on storing the EVSE:

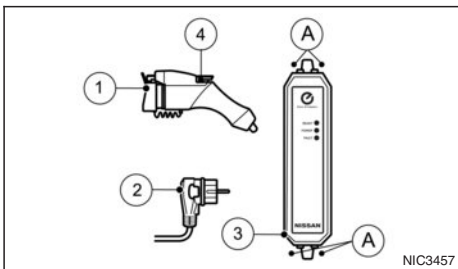
- Do not store the EVSE in a place exposed to direct sunlight.
- Do not store the EVSE in a place exposed to wind and rain.
- Be sure to store the EVSE with the protective cap on to keep the terminal part of the normal charge connector away from dirt and dust.
- Do not store the EVSE with the cable and/or 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.

#### How to start a normal charge with NISSAN EVSE

1. Move the shift lever to P (Park) position and apply the parking brake.
2. Turn the vehicle's power off. Otherwise charging will not start.



3. Open the charge port lid. See "Charge port lid" in the "3. Pre-driving checks and adjustments" section.



- ① Charge connector – Safety cap

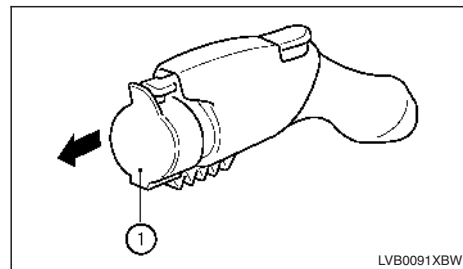
- ② Plug
- ③ Control box – Indicator light
- ④ Release button
- Ⓐ Hole for rope

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

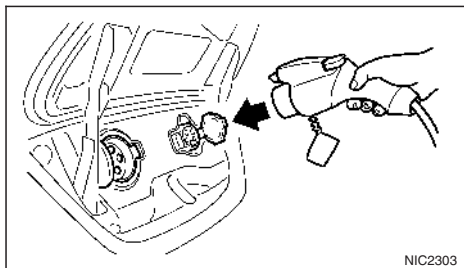
4. Connect the plug to the domestic outlet.

Before connecting the plug to the domestic outlet, be sure the outlet is suitable for charging according to the technical guidelines. See "Normal charge with NISSAN EVSE (where fitted)" in the "CH. Charging" section.

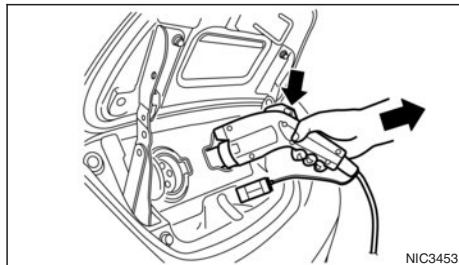
5. Open the vehicle's charge port cap.



6. Remove the safety cap ① from the normal charge connector.



### How to stop a normal charge with NISSAN EVSE



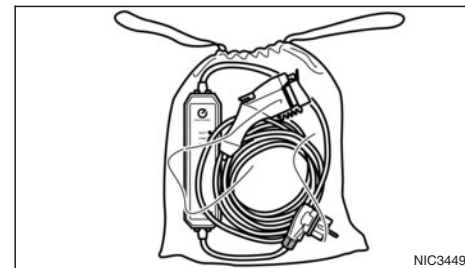
7. Connect the charge connector to the vehicle normal charge port, and hold the connector until it is locked. If it is connected correctly, a beep will sound once.
8. If charging has started, or if the Li-ion battery is waiting for the charging timer to start, a beep will sound twice and the charging status indicator light display will change. See "Charging status indicator lights" later in this section.

#### NOTE

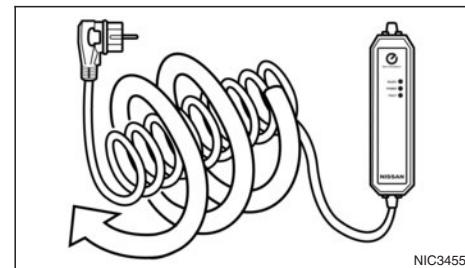
**When the vehicle detects that the connector is not connected correctly, an alarm sounds for 30 seconds.**

**In that case, insert the connector correctly or retry the connection. The alarm will stop after 30 seconds, even if the charging connector connection has not been made correctly, but the charging will not start.**

1. Press the button on the charge connector, release the lock and remove the charge connector from the charge port.
2. Attach the safety cap to the normal charge connector.
3. After closing the cap on the charge port, close the charge port lid.
4. Remove the plug from the domestic outlet.
5. Store the charging cables appropriately.



Winding the charge cable in the direction shown in the figure avoids shortening the cable life.



#### NOTE

**To store the NISSAN EVSE in the bag: Wind the charge cable clockwise against the control box (approximately 30 cm (12 in) in diameter).**

# CHARGING METHODS

## CHARGING TIMER

Use the Charging Timer to schedule when the Li-ion battery will be charged. The vehicle automatically starts charging at the scheduled times once 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.

### NOTE

- Always place the power switch in the OFF position after setting the Charging Timers. When the power switch is in the ON position, the Li-ion battery will not start charging.
- When either the charge start time or charge end time is set, the Charging Timer function is activated.
- The Li-ion battery may not be charged to the expected level if the Charging Timer start time and end time are set so there is not enough time to charge the Li-ion battery.
- When only the Charging Timer end time is set, the system automatically determines when to begin charging based on the Li-ion battery charge level. The Li-ion battery may not be charged to the expected level in the following conditions:
  - The Li-ion battery is charged in cold weather.
  - The charge connector is connected to the vehicle too close to the scheduled charging end time.
- When only the Charging Timer end time is set, the system automatically stops charging

when the Li-ion battery charges to a full level. Charging may stop before the scheduled end time.

- If Charging Timer and the Climate Ctrl. Timer are operating at the same time due to an overlap of the timer settings, you can prioritise which function receives electrical power first. See the separately provided EV Navigation system owner's manual.
- When charging is set as the first priority, the Climate Ctrl. Timer does not start until 10 segments (80%) of the Li-ion battery available charge gauge are illuminated.
- When the climate control is set as the first priority, the climate control system will not operate until the remaining Li-ion battery power displayed in the Li-ion battery available charge gauge is 2 segments (15%) or higher.
- Even when the climate control is set as the first priority, the climate control system will be restricted when the climate control consumes more electricity than the charging Li-ion battery.
- The Li-ion battery will not charge when the charge connector is connected to the vehicle until the next scheduled charge start time when the charge 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

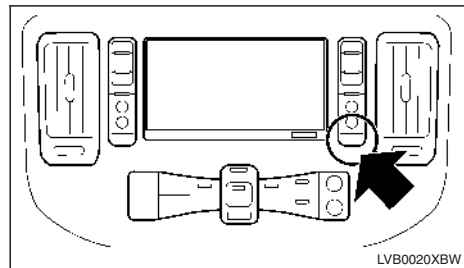
that the charger will not start or the battery will not be charged to the level expected.

- If the Li-ion battery warmer or cooler (where fitted) is operating while the Climate Ctrl. Timer or Remote Climate Control (where fitted) is being used, performance of the Climate Control will be reduced.
- The Li-ion battery may not charge to the expected level using the Charging Timer When a Start time and End time are set while the Li-ion battery warmer or cooler (where fitted) operates.

### How to set the Charging Timer (Type A)

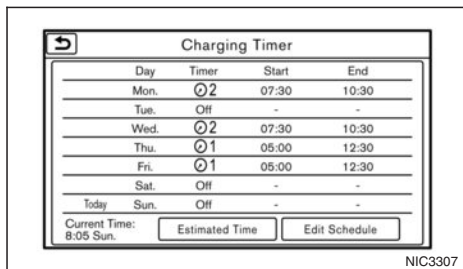
The Charging Timer can save two timer settings that include the charging start time and end time. The Charging Timer can be applied to one of the timer settings for each day of the week.

To set the Charging Timer:



1. Push  and touch [Charging Timer].



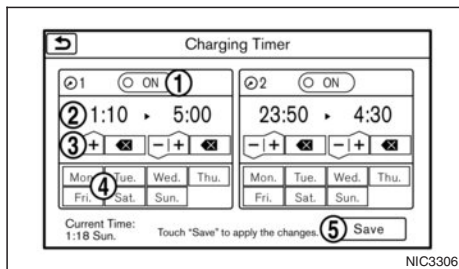


Touch [Estimated Time] to view approximate time required to reach 100% charge.

2. Touch [Edit Schedule]. Timer charge setting screen is displayed.
3. Set preferred time and day of the week for vehicle charging.
4. After entering the information, touch [Save]. A confirmation screen is displayed.
5. Touch [OK] to confirm the setting, push the power switch to the OFF position, and then connect the charge connector to the vehicle.

### Timer Charge setting screen

Two different timer settings can be registered (one on the left side and another on the right side of the screen).



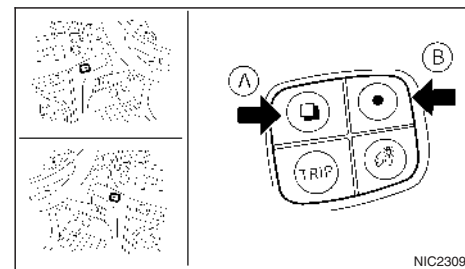
- ① Touch to turn on/off the timer. The indicator light will turn on when the timer setting is turned on.
- ② Indicates start/end time of the scheduled timer charge.
- ③ Touch corresponding keys to adjust the time setting.  
[-]: Touch, or touch and hold, to decrease the time.  
[+]: Touch, or touch and hold, to increase the time.  
⊗: Touch to delete the numbers entered in the corresponding column.
- ④ Touch the keys to set the days of the week you wish to start charging.
- ⑤ Touch to save the settings.

### How to set the Charging Timer (Type B)

The Charging Timer can save end time setting using the trip computer. To set the Charging Timer:

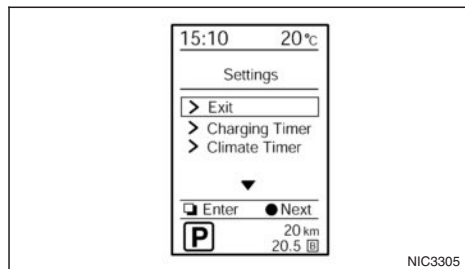
#### NOTE






- For the Charging Timer of models without EV Navigation system, set the charging end time. The vehicle automatically calculates when to start charging based on the condition of the power source and the estimated time required for charging to a full level.
- When the Charging Timer and the Climate Ctrl. Timer are set at the same time, the charging start time moves to an earlier time.
- Depending on the Li-ion battery condition and the power source status, charging may end earlier than the charging end time. This is not a malfunction.

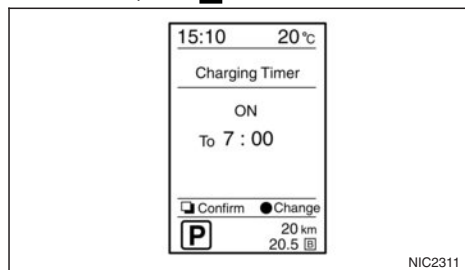


- ① switch
- ② switch

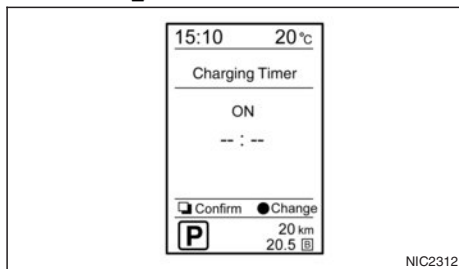
Switches for the trip computer are located on the right or left side of combination meter panel. To operate the trip computer, push the switches.




1. Push  switch (A) repeatedly for the settings mode [Settings].
2. Push the  switch (B) for [Detail].
3. Push  switch to confirm.
4. Push the  switch to select the [Charging Timer] and push  switch.

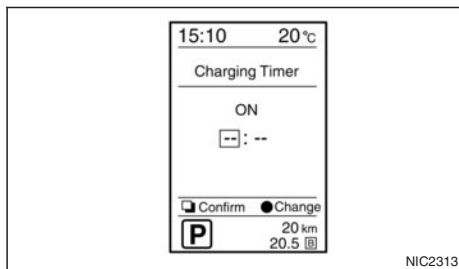





5. Push the  switch.



6. Push the  switch to set the Charging Timer on or off.

- Perform step if [On] is selected.
- Perform step if [Off] is selected.

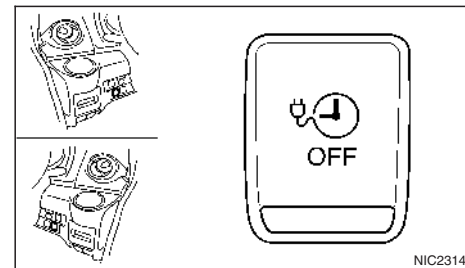


7. Push the  switch to adjust the time to stop charging and push the  switch.
8. Push the  switch and Charging Timer is set.

## IMMEDIATE CHARGE

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

Use the immediate charge mode anytime you want to start charging when a Charging Timer is turned on by performing the following:



1. Place the power switch in the OFF position.
2. Press the immediate charge switch.
3. Connect the normal charge cable when the charging status indicator light changes to display immediate charge mode. See "Charging status indicator lights" later in this section.

### NOTE

- **You have 15 minutes to connect a normal charge connector to the vehicle after the immediate charge switch is pressed. If a charge connector is not connected to the vehicle within 15 minutes, the vehicle automatically returns to the previous setting.**

- **Immediate charge will be available for 15 minutes before returning automatically to the previous setting.**
- **To cancel immediate charge mode press the immediate charge switch again before connecting the charge cable.**
- **If charge cable is disconnected, the Li-ion battery automatically switches to Charging Timer. To perform an immediate charge again, press the immediate charge switch and connect charge cable.**
- **If the charge cable is already connected, press the immediate charge switch to start performing an immediate charge.**

## CHARGING RELATED REMOTE FUNCTION (For models with EV Navigation system)

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

- **Li-ion battery status check:**

The charging status of the Li-ion battery can be checked using your personal computer or internet enabled smart phone even if you are not in the vehicle.

- **Remote charge/Remote Climate Control change:**

The function of starting the Li-ion battery charging or starting the heater and air conditioner is available using your personal computer or internet enabled smart phone.

- **Unplugged status:**

A notification e-mail can be sent to your personal computer or an SMS (text message) may be sent to your internet enabled smart phone if the plug is not connected at the time you selected, after turning off the power switch in a registered place.

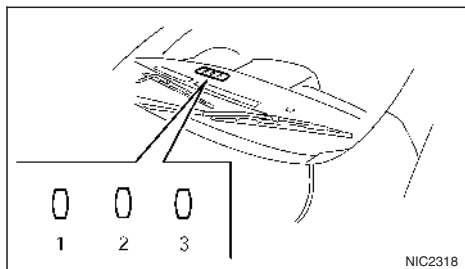
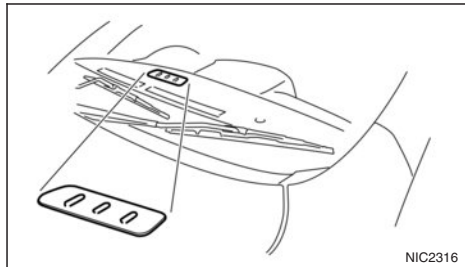
### NOTE

- **Establishing the NissanConnect EV service is necessary before using this service. See the separately provided EV Navigation system owner's manual.**
- **To check the Li-ion battery charging status using an internet enabled smart phone or personal computer, the following conditions must be met:**
  - **The vehicle must be located in a mobile phone coverage area.**
  - **The mobile phone must be located in an area with mobile phone coverage.**
  - **If using a computer, the computer must be connected to the internet.**
  - **Some mobile phones are not compatible and cannot be used to check the Li-ion battery charging status. Please confirm beforehand.**

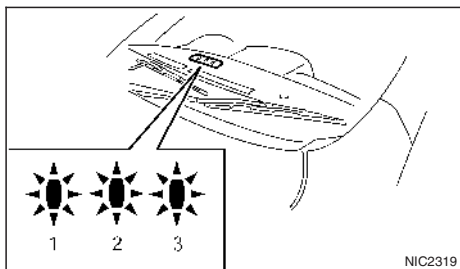
- **Certain remote functions require a compatible smart phone that is not supplied with vehicle.**
- **NissanConnect EV information system features are included through a subscription service which requires owner consent to activate. The subscription must be active to use these features.**
- **NissanConnect EV communications may be received at a verified e-mail address or by SMS/text messaging-enabled mobile phone.**
- **Standard text message rates and/or data usage fees may apply depending on your carrier.**

## CHARGING RELATED INDICATOR LIGHTS

### CHARGING STATUS INDICATOR LIGHTS



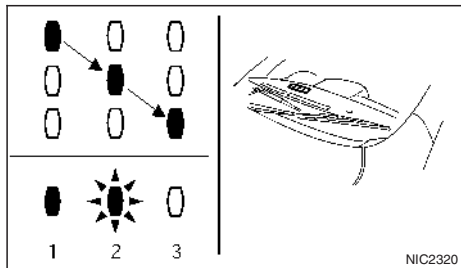
The charging status indicator lights ① to ③ primarily display the charging status, and are visible from both inside and outside the vehicle.



### When the normal charge connector is connected incorrectly

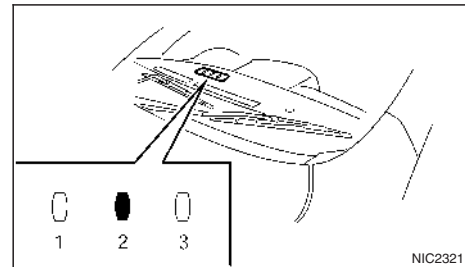
All of the indicator lights, ① to ③, will flash and beep will sound three times within 30 seconds when the charge connector is connected incorrectly to the normal charge port.

The charging cannot be performed in this condition.



### Ready for Charging Timer

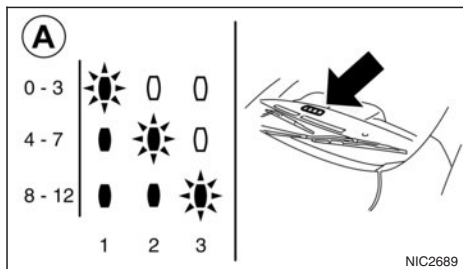
If the Charging Timer is set, the indicator lights illuminate, in order from ① to ③. The indicator lights turn off after approximately 5 minutes.



### Ready for immediate charge

When the power switch is off and if the immediate charge switch is pressed while the charge cable is not connected, the indicator light ② illuminates, indicating the vehicle is ready for immediate charge.

You will have 15 minutes to connect the charge connector to the vehicle. If the charge connector is not connected within 15 minutes, the indicator light ② turns off and you must start the immediate charge mode again to charge the Li-ion battery.

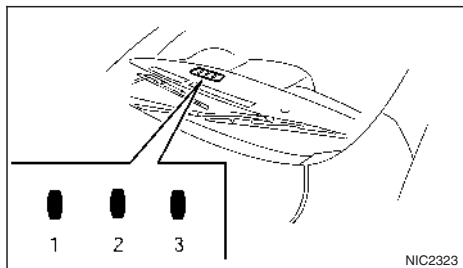


#### Ⓐ Charging status

#### When charging

When the Li-ion battery is being charged, the charging status indicator lights will change depending on the amount the Li-ion battery is charged.

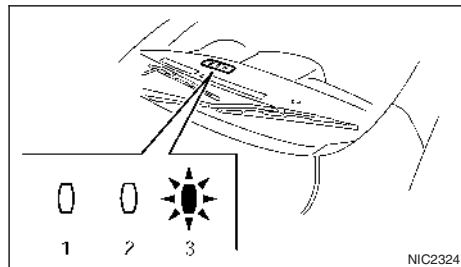
\*: This value is also displayed by the illumination of segments of the Li-ion battery available charge gauge on the instrument panel.



#### When fully charged

All of the indicator lights ① to ③ illuminate when the Li-ion battery is fully charged.

The indicator lights turn off after approximately 5 minutes or when the charge connector is removed.



#### When the indicator light ③ flashes

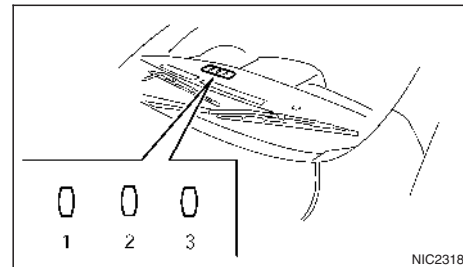
The indicator light ③ flashes when the 12-volt battery is being charged. See "Charging the 12-volt battery" in the "EV. Electric vehicle overview" section.

The indicator will also flash for up to 5 minutes if the electrical power to the Mode2 EVSE is interrupted during charging. Charging will restart automatically when the electrical power to the Mode2 EVSE is restored if the charging connector is connected. The charge start beep will not sound when charging restarts.

The indicator will also flash when the following systems are operating:

- Climate Ctrl. Timer
- Remote Climate Control (where fitted)

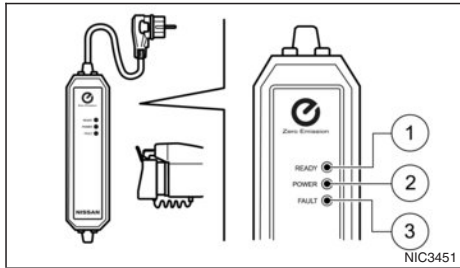
- Li-ion battery warmer (where fitted)
- Li-ion battery cooler (where fitted)



#### When not charging

None of the lights are illuminated when the Li-ion battery and 12-volt battery are not charging.

NISSAN MODE2 EVSE (ELECTRIC  
VEHICLE SUPPLY EQUIPMENT)  
CABLE CONTROL BOX INDICATOR  
LIGHT (where fitted)

















- ① READY  
Indicator light colour: **Green**
- ② POWER  
Indicator light colour: **Orange**
- ③ FAULT  
Indicator light colour: **Red**













When using the NISSAN Mode2 EVSE cable the charging status as well as any EVSE malfunction can be checked with the indicator lights on the EVSE control box.



## Indicator light chart codes

READY GREEN	POWER ORANGE	FAULT RED	Explanation
 0.5 Sec	 0.5 Sec	 0.5 Sec	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 charge timer is set.
		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 second, the EVSE may be broken. Stop use and immediately contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
 (Flashing)		OFF	The EVSE could not detect sufficient outlet socket earth grounding for reliable EV charging. Consult a qualified electrician to have the outlet socket checked according to NISSAN recommendations.
 (Flashing)	OFF	OFF	
 (Flashing)	 (Flashing)		The temperature detection circuit in the 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
 (Flashing)	OFF		



READY GREEN	POWER ORANGE	FAULT RED	Explanation
 (Flashing)	 (Flashing)	 (Flashing)	The EVSE detected excessive heat in the 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 consult a qualified electrician to have the outlet checked according to NISSAN recommendations. If the same indication continues after checking the outlet, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for further advice.
 (Flashing)	OFF	 (Flashing)	
	 (Flashing)		The EVSE internal circuits malfunction. Stop use immediately and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
	OFF		
	OFF	 (Flashing)	The EVSE detected leakage current or signal error. Stop using the EVSE immediately. Please contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer and check EVSE and vehicle.

# CHARGING TROUBLESHOOTING GUIDE

Symptom	Possible cause	Possible solution
Charging cannot be performed.	The vehicle power switch is in the ON position.	Before charging, place the vehicle power switch in the OFF position.
	Both the normal charge connector and the quick charge connector are connected at the same time.	The normal charge and the quick charge cannot be operated at the same time.
	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 temperature of the Li-ion battery is too high or low to charge.	Confirm the Li-ion battery temperature by checking the Li-ion battery temperature gauge. If the gauge indicates the Li-ion battery is too hot (red zone) or too cold (blue zone), charging may not be possible. Allow the Li-ion battery to cool down or warm up before charging. See "Li-ion battery temperature" in the "2. Instruments and controls" section.
	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" in the "6. In case of emergency" section.
	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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
Normal charge cannot be performed.	There is no electrical power coming from the normal charging station or domestic outlet.	Confirm that there has not been a power failure. Make sure the circuit breaker is active. If a domestic outlet or charging station with a timer device installed is used, power will only be available at the time set by the timer.
	The electrical plug is not connected correctly.	Confirm the electrical 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.	Turn off the charging timer. See "Charging Timer" earlier in this section.

Symptom	Possible cause	Possible solution
Timer charging cannot be performed.	The charge cable is not connected.	Connect the charge cable.
	The time on the clock is wrong.	The charging timer does not start charging based on the clock located on the vehicle information display. Adjust the time, see "Charging Timer" in the "2. Charging" section. Confirm that the date and time shown on the charging timer screen are the same as the GPS time and date. If the 12-volt battery is discharged or if the Li-ion battery is disconnected, the time setting must be updated. For models with EV (Electric Vehicle) navigation system, there must be a GPS signal to adjust the clock setting that is used by the charging timer.
	The immediate charge button has been pushed.	Charging timer does not operate when immediate charge is selected.
	Charging timer has not been set.	Set the charging timer schedule. See "Charging Timer" earlier in this section.
	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 press the immediate charge button. See "Charging Timer" earlier in this section.
Remote charge cannot be performed.	The charge cable is not connected.	Connect the charge cable.
	Communication with the vehicle cannot be established.	Confirm that there is a mobile signal in your location. Remote charge cannot be started unless the web enabled smart phone can connect to the internet.
		Confirm that there is a mobile signal at the vehicle location. If the power switch is in the OFF position for more than 2 weeks, the remote charge function can no longer be used until the power switch is in the ON position.

Symptom	Possible cause	Possible solution
Normal charge stops during charging.	There is no electrical power coming from the normal charging station or domestic 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.
	Both the normal charge connector and the quick charge connector were connected at the same time.	If the normal charge connector and the quick charge connector are connected at the same time, charging will be stopped.
	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.
	The temperature of the Li-ion battery is too high or low to charge.	Confirm the Li-ion battery temperature by checking the Li-ion battery temperature gauge. If the gauge indicates the Li-ion battery is too hot (red zone) or too cold (blue zone), charging may not be possible. Allow the Li-ion battery to cool down or warm up before charging. See "Li-ion battery temperature " in the "2. Instruments and controls" section.
Quick charge cannot be performed.	Check that the charge connector is connected correctly and that it is locked.	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 knowledgeable electric vehicle repairer such as 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.
	Both the normal charge connector and the quick charge connector were connected at the same time.	If the normal charge connector and the quick charge connector are connected at the same time, charging will be stopped.
	The temperature of the Li-ion battery is too high or low to charge.	Confirm the Li-ion battery temperature by checking the Li-ion battery temperature gauge. If the gauge indicates the Li-ion battery is too hot (red zone) or too cold (blue zone), charging may not be possible. Allow the Li-ion battery to cool down or warm up before charging. See "Li-ion battery temperature " in the "2. Instruments and controls" section.

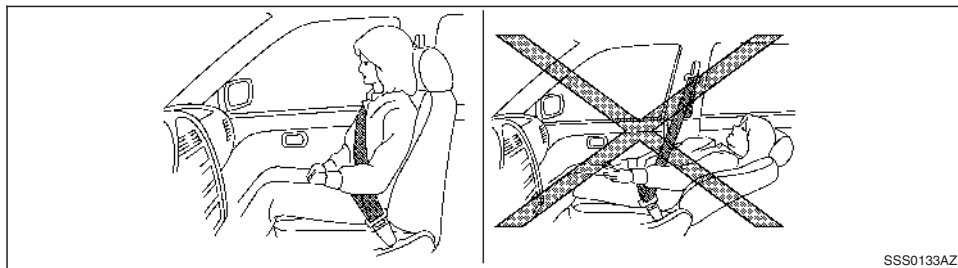
NOTE

NOTE

# 1 Safety – seats, seat belts and supplemental restraint system

Seats .....	1-2	Child restraints.....	1-14
Front seats.....	1-2	Precautions on child restraint usage.....	1-14
Second row seats (where fitted) .....	1-4	Universal child restraints for front seat and	
Third row seats (where fitted).....	1-5	rear seats (for Europe).....	1-16
Head restraints .....	1-7	ISOFIX child restraint system (where fitted) .....	1-17
Adjustable head restraint components.....	1-7	Child restraint anchorage (where fitted).....	1-20
Non-adjustable head restraint components.....	1-8	Child restraint installation using ISOFIX (for	
Remove .....	1-8	Europe) .....	1-20
Install.....	1-8	Child restraint installation using 3-point type	
Adjust.....	1-9	seat belt .....	1-23
Seat belts .....	1-10	Supplemental Restraint System (SRS) .....	1-27
Precautions on seat belt usage.....	1-10	Precautions on Supplemental Restraint	
Child safety.....	1-11	System (SRS).....	1-27
Pregnant women .....	1-11	Supplemental air bag systems.....	1-31
Injured persons.....	1-12	Pre-tensioner seat belt system.....	1-33
Centre mark on seat belts (where fitted).....	1-12	Repair and replacement procedure .....	1-34
Three-point type seat belts .....	1-12		

## SEATS



### WARNING

- Do not drive and/or ride in the vehicle with the seatback reclined. This can be dangerous. The shoulder belt will not be properly against the body. In an accident, you and your passengers could be thrown into the shoulder belt and receive neck or other serious injuries. You and your passengers could also slide under the lap belt and receive serious injuries.
- For the most effective protection while the vehicle is in motion, the seatback should be upright. Always sit well back and upright in the seat and adjust the seat belt properly. (See "Seat belts" later in this section.)

### 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.

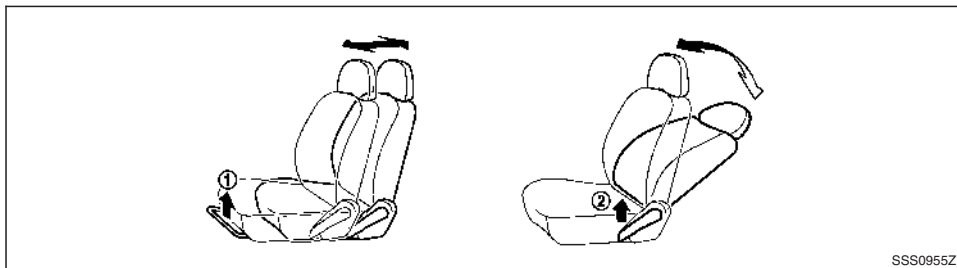
### Manual seat adjustment



### 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 (where fitted):

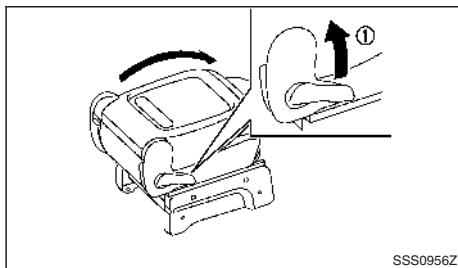
1. Pull up the adjusting lever ①.
2. Slide the seat to the desired position.
3. Release the adjusting lever to lock the seat in position.

#### 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” later in this section.)

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



#### Folding front passenger's seat (where fitted):

The front passenger's seatback can be folded down. Some long objects may be loaded in the vehicle when the second row seats are also folded down. (See “Second row seats (where fitted)” later in this section for folding the second row seats.)

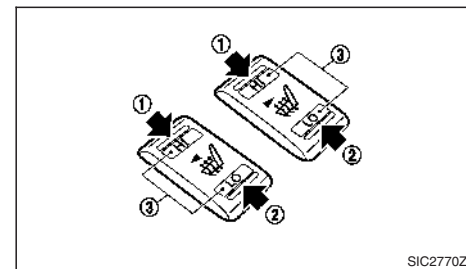
To fold the front passenger's seatback, pull the reclining lever all the way ①.

When returning the front passenger's seatback to the seating position, lift it up to an upright position. Pull the reclining lever and lean the seatback to a proper seating position.

#### CAUTION

**Do not apply a total load of more than 20 kg (44 lb) to the folded seatback.**

#### Heated seats (where fitted)



The front seats can be warmed by built-in heaters. The switches located on the centre console can be operated independently of each other.

1. Place the power switch in the ON position.

#### NOTE

**The seat heater can only be activated when the power switch is in the ON position.**

2. Start the electric vehicle system.

### 3. Select heat range:

- For high heat, push the <HI> (High) side of the switch ①.
- For low heat, push the <LO> (Low) side of the switch ②.
- The indicator light ③ will illuminate when low or high is selected.

4. The seat heater is controlled by a thermostat, automatically turning the heater on and off. The indicator light ③ will remain on as long as the switch is on.

5. When the vehicle's interior has warmed-up, or before you leave the vehicle, be sure to turn the seat heater system off.

#### 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 seat 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 by a NISSAN certified electric vehicle dealer immediately.

## SECOND ROW SEATS (where fitted)

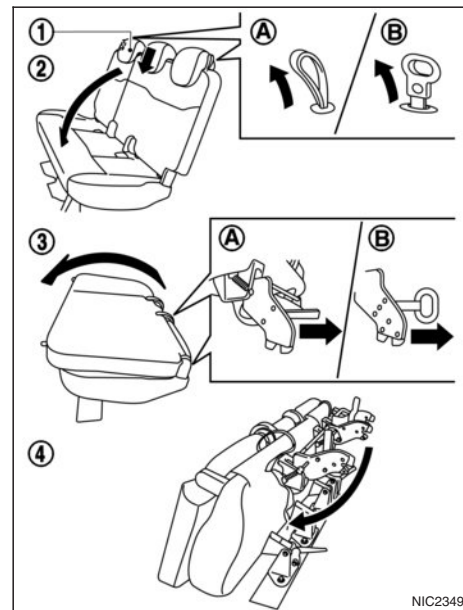
### Folding



#### WARNING

- Be careful not to damage the seat belt while folding the second row seats.
- Never allow anyone to ride in the cargo area or on the second row seats when they are in the folded position. Use of these areas by passengers without proper restraints could result in serious injury in an accident or sudden stop.
- Do not fold the second row seats while the vehicle is moving.
- Do not fold the second row seats when occupants are in the second row seats area or any cargo is on the second row seats.
- Properly secure all cargo to help prevent it from sliding or shifting. Do not stack the cargo higher than the seatbacks.
- When returning the seat to the original 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.
- Securely store the removed head restraints to prevent them from being thrown around in case of a sudden stop or accident.

- Head restraints should be adjusted properly as they may provide significant protection against whiplash injury. Always replace and adjust them properly if they have been removed for any reason.



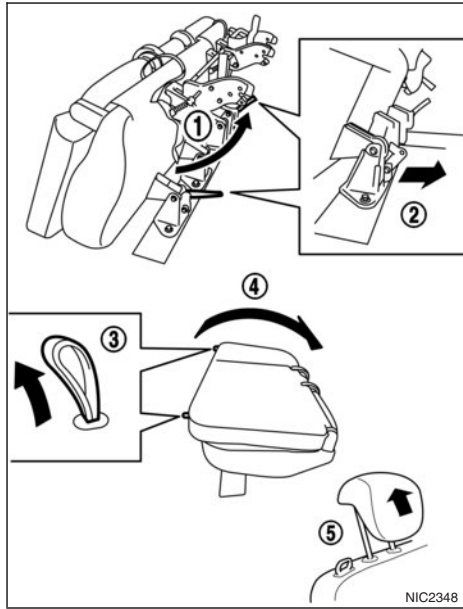
NIC2349

1. Move the head restraint to its lowest position.
2. Pull the strap and fold the seatback down ②.

3. Pull the lock strap, and then lift the seat cushion and fold it forward ③ until it locks.
4. Fold the seat leg downward ④.

#### CAUTION

**Do not fold the second row seats when the third row seats are occupied or while the vehicle is in motion.**



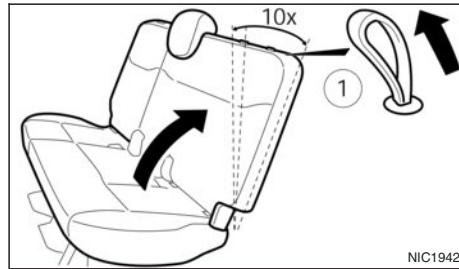
#### Returning:

1. Unfold the seat leg ①.
2. Pull the strap ② to unlock to return the seat in position.
3. Pull the strap of the seatback ③.
4. Unfold the seatback ④ until it is latched.
5. Adjust the head restraint(s) ⑤.



#### WARNING

**Check that the seat leg locks firmly after returning the seat to its original position.**



#### Reclining seat back

1. Pull the strap ① fully up
2. Set the set back angle to the desired position (There are 10 positions available)
3. Release the strap

## THIRD ROW SEATS (where fitted)

### Folding

#### CAUTION

**Do not use the third row seats with the second row seats folded while the vehicle is in motion.**



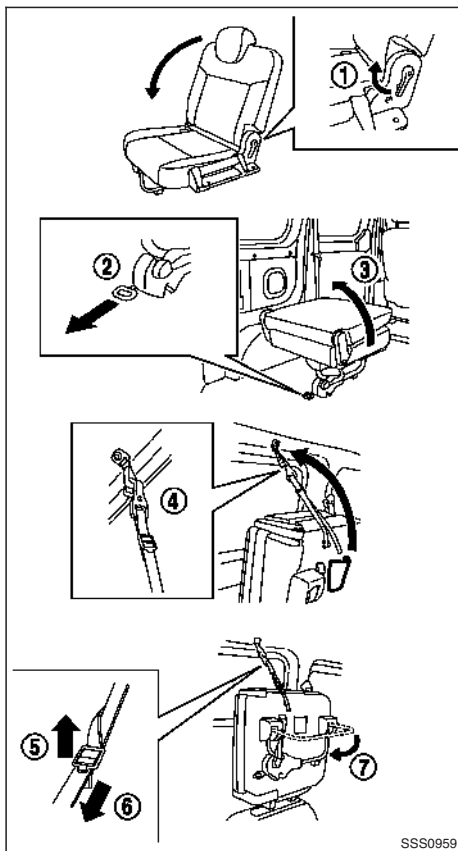
#### WARNING

- Be careful not to damage the seat belt while folding the third row seats.
- Never allow anyone to ride in the cargo area or on the third row seats when they are in the fold-down position. Use of these areas by passengers without proper restraints could result in serious injury in an accident or sudden stop.
- Do not fold the third row seats while the vehicle is moving.
- Do not fold down the third row seatback when occupants are in the third row seat area or any cargo is on the third row seats.
- Properly secure all cargo to help prevent it from sliding or shifting. Do not stack the cargo higher than the seatbacks.
- 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.
- Securely store the removed head restraints to prevent them from being thrown around in case of a sudden stop or accident.

- Head restraints should be adjusted properly as they may provide significant protection against whiplash injury. Always replace and adjust them properly if they have been removed for any reason.

#### CAUTION

Make sure the lid of the rear seat cup holders is closed before folding the rear seat back.

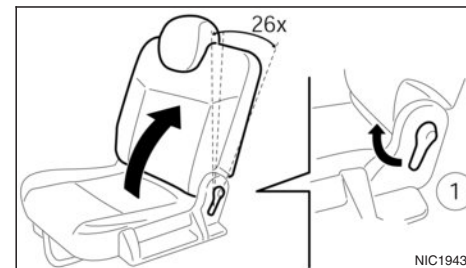


1. Move the head restraint to its lowest position.
2. Pull the lever ① and fold down the seatback.
3. Pull the lever ② on the back side of the seat leg to unlatch the seat.
4. Fold the seat to the side ③.
5. Hook the seat hook ④ to the strap on the ceiling securely.
6. Adjust the strap. Pull the adjuster up to loosen ⑤, or pull the strap out to tighten ⑥.
7. Fold the seat leg ⑦.



#### WARNING

When returning the seat to its original position, be sure to unfold the seat leg. Check that the seat leg locks firmly after returning the seat.



## HEAD RESTRAINTS

### Reclining seat back

1. Pull the lever ① fully up
2. Set the set back angle to the desired position  
(There are 26 positions available)
3. Release the lever



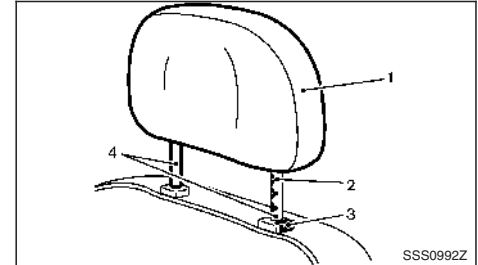
#### WARNING

**Head restraints supplement the other vehicle safety systems. They may provide additional protection against injury in certain rear end collisions. Adjust the head restraints 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 restraints. 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 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.

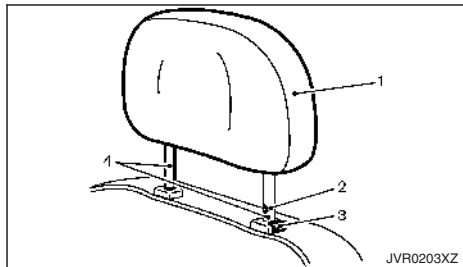
- If the head restraint has been removed, ensure that it is reinstalled and locked in place before riding in that designated seating position.

### ADJUSTABLE HEAD RESTRAINT COMPONENTS



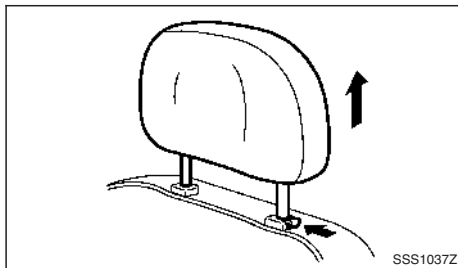
1. Removable head restraint
2. Multiple notches
3. Lock knob
4. Stalks

## NON-ADJUSTABLE HEAD RESTRAINT COMPONENTS



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

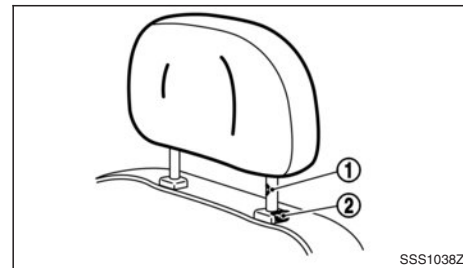
## REMOVE



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



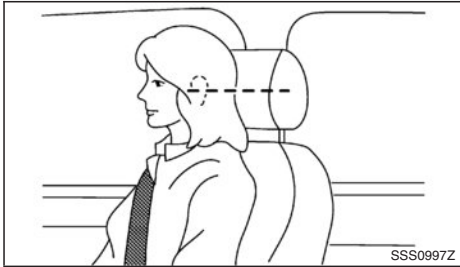
1. Align the head restraint stalks with the holes in the seat. Make sure that the head restraint is facing the correct direction. The stalk with the adjustment notch ① must be installed in the hole with the lock knob ②.
2. Push and hold the lock knob and push the head restraint down.
3. Properly adjust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



### WARNING

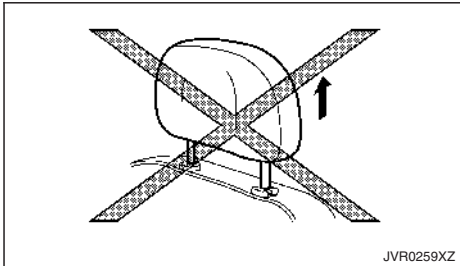
**For models with third row seats: the head restraints are not interchangeable between the second row and third row seats.**

## ADJUST



### For adjustable head restraint

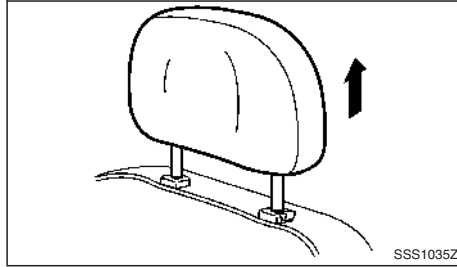
Adjust the head restraint so the centre is level with the centre of your ears. If your ear position is still higher than the recommended alignment, place the head restraint at the highest position.



### For non-adjustable head restraint

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

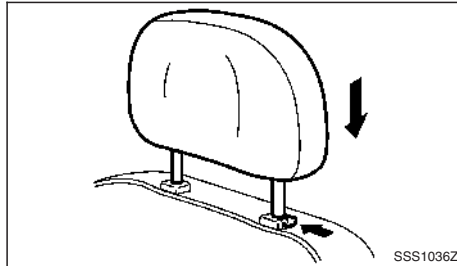
## Raise



To raise the head restraint, pull it up.

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

## Lower



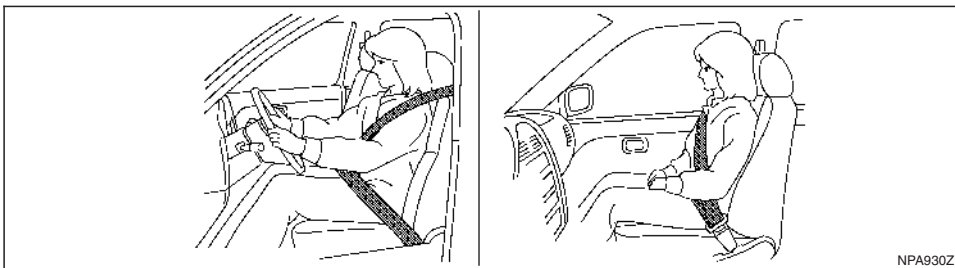
To lower, push and hold the lock knob and push the head restraint down.

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.



Sit upright and well back.



#### 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 run 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-tensioner seat belt system components should be done by a NISSAN certified electric vehicle dealer.

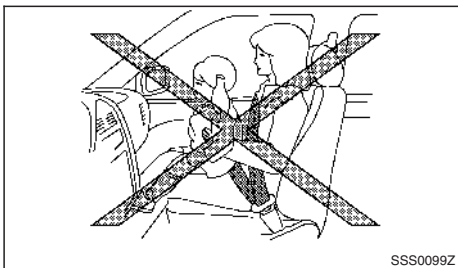
## CHILD SAFETY



### 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

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.

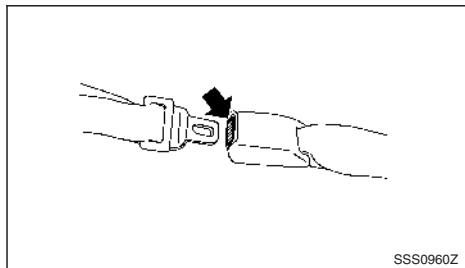
## PREGNANT WOMEN

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 run 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 (where fitted)



### Selecting correct set of seat belts

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



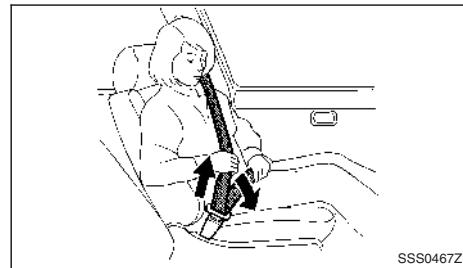
### WARNING

**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.**

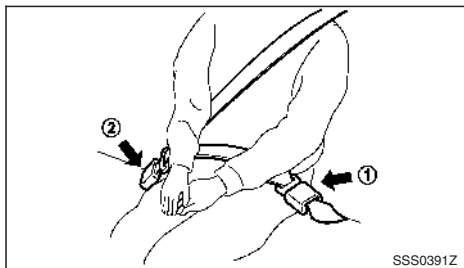
1. Adjust the seat. (See "Seats" earlier in this section.)

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.**

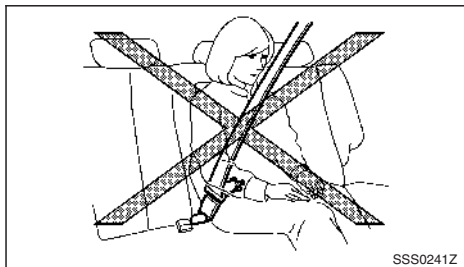


3. Position the lap belt portion low and snug on the hips as shown.
4. Pull the shoulder belt portion toward the retractor to take up extra slack. Be sure the shoulder belt is routed over your shoulder and is snug across your chest.



### Rear centre seat belt (for second row seat - where fitted)

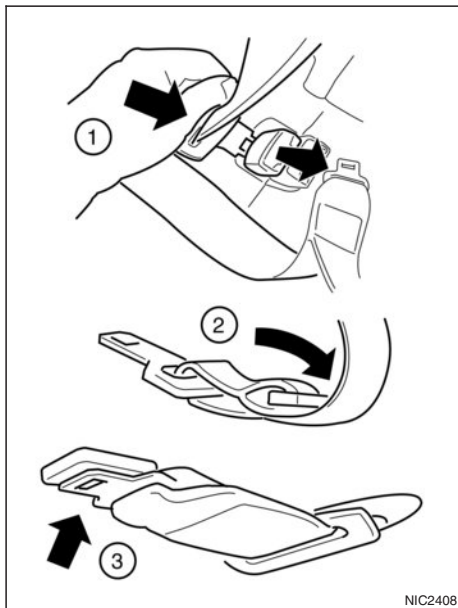
The rear centre seat belt has a connector tongue ① and a seat belt tongue ②. Both the connector tongue and the seat belt tongue must be securely latched for proper seat belt operation.



### WARNING

- Always fasten the connector tongue and the seat belt in the order shown.

- Always make sure both the connector tongue and the seat belt tongue are secured when using the seat belt. Do not use it with only the seat belt tongue attached. This could result in serious personal injury in case of an accident or a sudden stop.



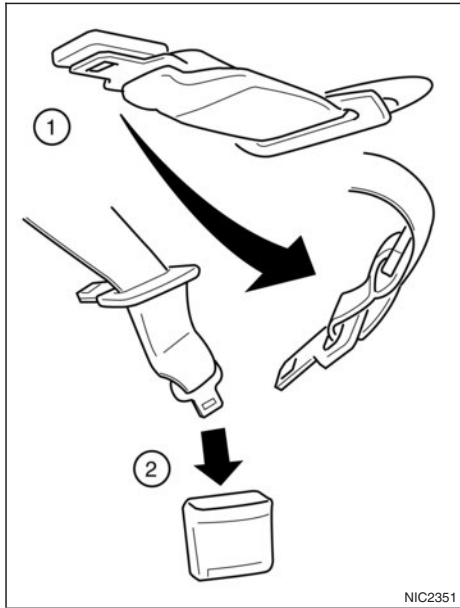
### Stowing rear centre seat belt:

When folding down the rear seat, the rear centre seat belt can be retracted into a stowed position.

1. Hold the connector tongue so that the seat belt does not retract suddenly when the tongue is released from the connector buckle. Insert another connector tongue or a suitable tool such as key into the connector buckle to release the connector tongue ①.
2. Fold the connector as illustrated ②.
3. Store the connector tongue on the magnetic holder on the roof ③.

### WARNING

- Do not unfasten the rear centre seat belt connector except when folding down the rear seat.
- When attaching the rear centre seat belt connector, be certain that the seatbacks are completely secured in the latched position and the rear centre seat belt connector is completely secured.
- If the rear centre seat belt connector and the seatbacks are not secured in the correct position, serious personal injury may result in an accident or sudden stop.



NIC2351

2. Pull the seat belt and fasten the connector buckle until it clicks ②.

The centre seat belt connector tongue can be attached only into the rear centre seat belt connector buckle.

To fasten the seat belt, see "Seat belts" earlier in this section.

**WARNING**

**When attaching the rear centre seat belt connector, be certain that the seatbacks are completely secured in the latched position and the rear centre seat belt connector is completely secured.**

**Unfastening seat belts**

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

**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.

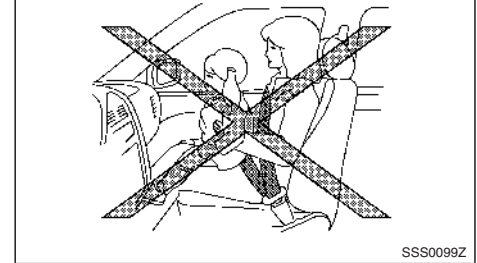
To increase your confidence in the seat belts, check the operation by grasping the shoulder belt and pulling forward quickly. The retractor should lock and restrict further belt movement. If the retractor does not lock during this check, contact a NISSAN certified electric vehicle dealer immediately.

**Attaching rear centre seat belt:**

Always be sure the rear centre seat belt connector tongue and connector buckle are attached. Disconnect only when folding down the rear seat.

To connect the buckle:

1. Pull the seat belt tongue from the magnetic holder ①.

**PRECAUTIONS ON CHILD RESTRAINT USAGE****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.
- Remove the head restraint in the child seat installation location before fitting child seat.
- Adjustable seat backs should be positioned to fit the child restraint. See "Child restraint installation using ISOFIX (for Europe)" later in this section and "Child restraint installation using 3-point type seat belt" later in this section.
- 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 (CRS) or a seat belt to prevent it from being thrown around in case of a sudden stop or accident.
- Never install a rear-facing child restraint on the front passenger's seat when the front passenger's air bag is active. 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 (for Europe)

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

- Choose a child restraint that complies with the latest European safety standard, ECE Regulation 44.04.
- 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.

## Child seat installation using the vehicle's seat belt

This is a regulatory table, indicating seat belt and universally approved child seats for various approved seating positions.

Mass group		Seating position*1			
		Front passenger Air bag ON	Front passenger Air bag OFF	2nd row Outboard seat	2nd row Centre seat
Group 0	< 10 kg	X	L*2*5	U	L*5
Group 0+	< 13 kg	X	L	U	L*5
Group I	9 – 18 kg	X	L	U	L
Group II	15 – 25 kg	X	L*3*4	U	L
Group III	22 – 36 kg	X	L*3*4	U	L

- U: Suitable for "universal" category restraints, forward and rearward facing, approved for use in this mass group.
- UF: Suitable for forward facing "universal" category restraints approved for use in this mass group.
- L: Suitable for particular child restraints given in table 2. These restraints may be of the "CRS manufacturer vehicle list (online)", or "semi-universal" categories.
- X: Seat position not suitable for children in this mass group.

\*1: Remove and stow the head rest of the passenger seat on which a forward facing child seat is fitted

\*2: Adjust seat belt height adjuster to lowest position

\*3: Adjust seat belt height adjuster to highest position

\*4: Adjust seat back angle to achieve desirable angle on child seat of >90° (if applicable)

\*5: NISSAN do not recommend a seat for this position, please see the child seat manufactures web site for suitability

## List of child seats recommended by NISSAN, secured using three point seat belt

Please carefully read installation manual of your seat.

Mass group		Seating position*1					
		Front passenger Air bag OFF		2nd row Outboard seat		2nd row Centre seat	
		Child Seat and features		Child Seat and features		Child Seat and features	
Group 0	< 10 kg	–	–	–	–	–	–
Group 0+	< 13 kg	Maxi Cosi CabrioFix	Belted Rearward Facing	Maxi Cosi CabrioFix	Belted Rearward Facing	–	–
Group I	9 – 18 kg	Römer King Plus	Belted Forward Facing	Römer Duo+	Belted Forward Facing	Römer King Plus	Belted Forward Facing
Group II	15 – 25 kg	Römer KidFix	Belted Forward Facing	Römer KidFix	Belted Forward Facing	Römer KidFix	Belted Forward Facing
Group III	22 – 36kg	Römer KidFix	Belted Forward Facing	Römer KidFix	Belted Forward Facing	Römer KidFix	Belted Forward Facing

## ISOFIX CHILD RESTRAINT SYSTEM (where fitted)

This is a regulatory table, indicating ISOFIX and semi-universally ISOFIX approved child seats for various approved seating positions.

## Child seat installation using ISOFIX

Mass group		Size Class	Fixture	Seating position			
				Front passenger Air bag ON	Front passenger Air bag OFF	2nd row Outboard seat	2nd row Centre seat
Carry-cot		F	ISO/L1	X	X	X	X
		G	ISO/L2	X	X	X	X
0	< 10 kg	E	ISO/R1	X	X	IL	X
0+ (< 13 kg)	< 13 kg	E	ISO/R1	X	X	IL	X
		D	ISO/R2	X	X	IL	X
		C	ISO/R3	X	X	IL	X
I	9-18 kg	D	ISO/R2	X	X	IL	X
		C	ISO/R3	X	X	IL	X
		B	ISO/F2	X	X	IL/IUF	X
		B1	ISO/F2X	X	X	IL/IUF	X
		A	ISO/F3	X	X	IL/IUF	X
II	15 - 25 kg	—	—	X	X	IUF	X
III	22-36 kg	—	—	X	X	IUF	X

X: ISOFIX position not suitable for installation of ISOFIX child restraint systems (CRS) in these seating positions.

IUF: Suitable for ISOFIX forward facing CRS of universal category approved for use in the mass group.

IL: Suitable for particular ISOFIX CRS given in table 4. These restraints may be of the "CRS manufacturer vehicle list (online)", or "semi-universal" categories.

\*1: Remove and stow the head rest of the passenger seat on which a forward facing child seat is fitted

\*2: Move the front seat forward, enough so there is enough space for the child seat and the child's legs.

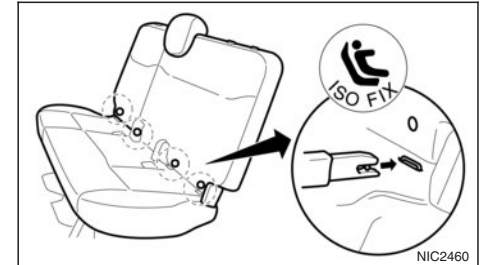


## List of child seats recommended by NISSAN, secured using ISOFIX

Please carefully read installation manual of your seat.

Mass group		Seating position*1					
		Front passenger Air bag OFF		2nd row Outboard seat		2nd row Centre seat	
		Child Seat and features		Child Seat and features		Child Seat and features	
Group 0	< 10 kg	—	—	—	—	—	—
Group 0+	< 13 kg	Maxi Cosi Cabriofix & Easyfix	ISOFIX & Support Leg Rearward Facing	Römer BabySafe +ISOFIX base	ISOFIX & Support Leg Rearward Facing	—	—
Group I	9 - 18 kg	—	—	Maxi Cosi Pearl & Familyfix	ISOFIX & Support Leg Forward Facing	—	—
Group II	15 - 25 kg	—	—	Römer KidFix	Belted & ISOFIX Forward Facing	—	—
Group III	22 - 36kg	—	—	Römer KidFix	Belted & ISOFIX Forward Facing	—	—

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

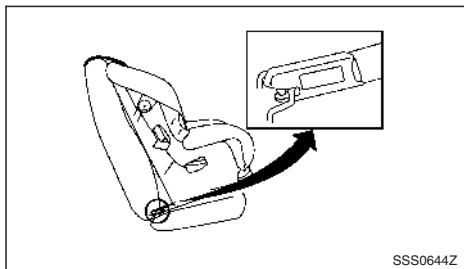


ISOFIX label/lower anchor location

### ISOFIX lower anchor point locations

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

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.



Anchor attachment

## ISOFIX child restraint anchor attachments

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 (for Europe)" later in this section.)

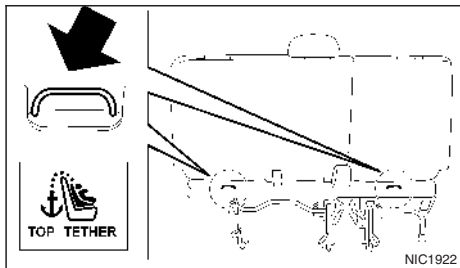
## CHILD RESTRAINT ANCHORAGE (where fitted)

Your vehicle is designed to accommodate a child restraint system on the second row 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

**Top tether 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.**



## Top tether anchorage location

The anchor points are located on the seat cushion behind the second row outer seating positions.

## CHILD RESTRAINT INSTALLATION USING ISOFIX (for Europe)



### WARNING

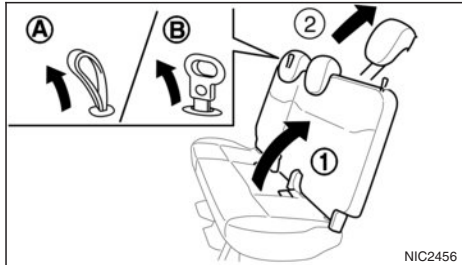
- **Attach ISOFIX child restraints only at the specified locations. For the ISOFIX lower anchor locations, see "ISOFIX child restraint system (where fitted)" earlier in this section. If a child restraint is not secured properly, your child could be seriously injured or killed in an accident.**
- **Do 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 second row seating positions 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 circumstance 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 second row outer seats

#### 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 second row outer seats using ISOFIX:



Step 1

Depending on model, strap type (A) or (B) is fitted.

1. The back of the child restraint should be placed firmly against the vehicle seatback. Adjust the

2nd row seatback to ensure full contact with the child restraint ①.

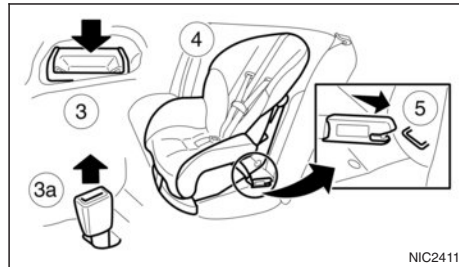
See "Second row seats (where fitted)" earlier in this section.

2. Remove the head restraint ② to obtain the correct child restraint fit.

See "Head restraints" earlier in this section.

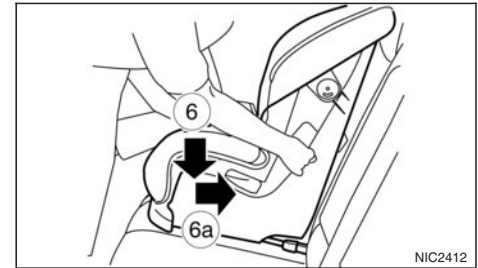
Store the head restraint in a secure place.

Be sure to install the head restraint when the child restraint is removed.



Steps 3, 4 and 5

3. Push the seat belts buckles in the child seat location to the lowest position in the storage pockets ③. When fitting high back booster seat using the vehicle seat belt, ensure that the seat belt buckle used for installation of child seat is pulled out of the storage pocket as shown ③a to allow access.
4. Position the child restraint on the seat ④.
5. Secure the child restraint anchor attachments to the ISOFIX lower anchors ⑤.



Step 6

6. Shorten the rigid attachment to have the child restraint firmly tightened; press downward ⑥ and rearward ⑥a firmly in the centre of the child restraint with your knee to compress the vehicle seat cushion and seatback.

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 (where fitted)" earlier in this section.

If the child restraint is equipped with other anti-rotation devices such as support legs, use them instead of (or together with) the top tether strap following the child restraint manufacturer's instructions.

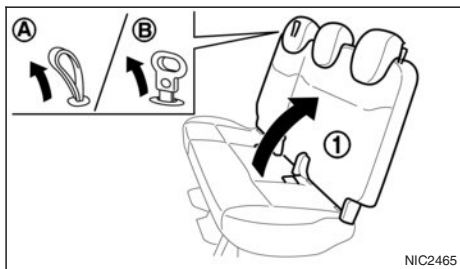


Step 7

7. Test the child restraint before you place the child in it ⑦. 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 1 through 7.

### REAR-FACING:

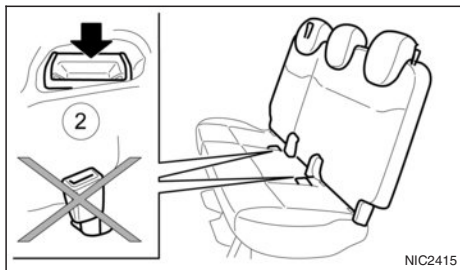
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a rear-facing child restraint on the rear outer seats using ISOFIX:



Step 1

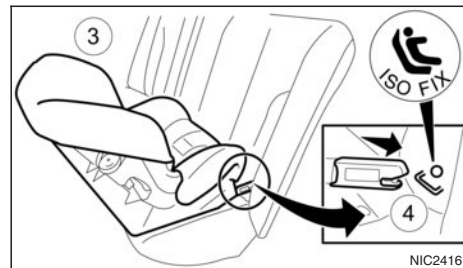
Depending on model, strap type ① or ② is fitted.

1. Adjust the 2nd row seatback fully rearward ①. See "Second row seats (where fitted)" earlier in this section.



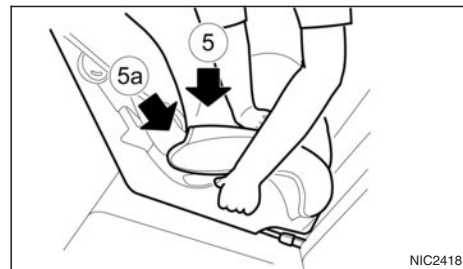
Step 2

2. Push the seat belt buckles in the child seat location to the lowest position in the storage pockets ②.



Steps 3 and 4

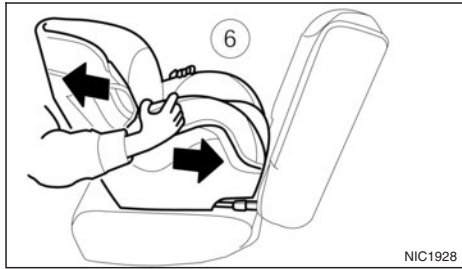
3. Position the child restraint on the seat ③.
4. Secure the child restraint anchor attachments to the ISOFIX lower anchors ④.



Step 5

- Shorten the rigid attachment to have the child restraint firmly tightened; press downward ⑤ and rearward ⑥ firmly in the centre of the child restraint with your hand to compress the vehicle seat cushion and seatback.

If the child restraint is equipped with other anti-rotation devices such as support legs, use them following the child restraint manufacturer's instructions.



Step 6

NIC1928

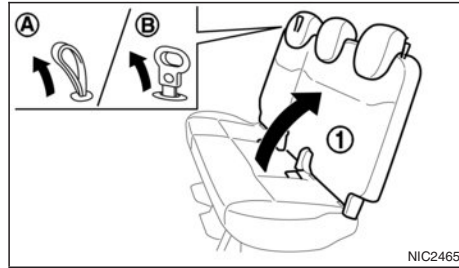
- Test the child restraint before you place the child in it ⑥. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
- Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 1 through 6.

## CHILD RESTRAINT INSTALLATION USING 3-POINT TYPE SEAT BELT

### Installation on rear seats

#### 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 rear seats using 3-point type seat belt without automatic locking mode:

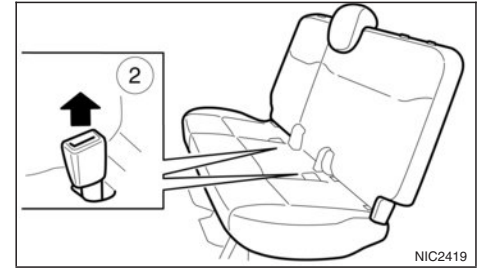


Step 1

NIC2465

Depending on model, strap type (A) or (B) is fitted.

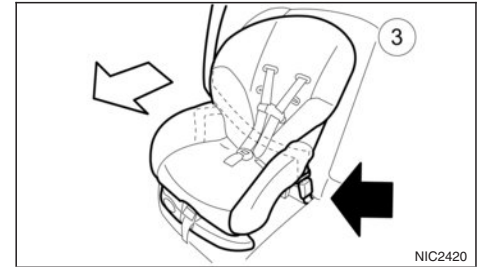
- The back of the child restraint should be placed firmly against the vehicle seatback. Adjust the 2nd row seatback to ensure full contact with the child restraint ①. See "Second row seats (where fitted)" earlier in this section.



NIC2419

Step 2

- Pull out the seat belt buckle ② from the storage pocket in the child seat fitment location.



NIC2420

Step 3

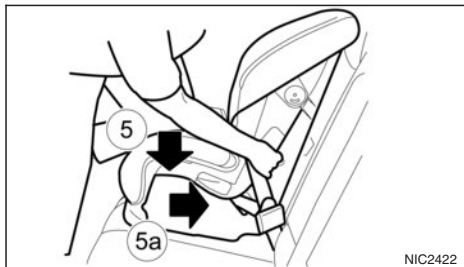
- Position the child restraint on the seat ③.



Step 4

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

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 (if installed).



Step 5

- Remove any additional slack from the seat belt; press downward ⑤ and rearward ⑤a 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.

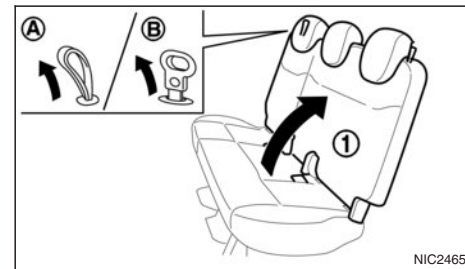


Step 6

- 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.
- Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 1 through 6.

### REAR-FACING:

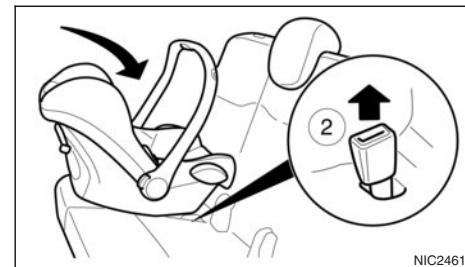
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a rear-facing child restraint on the rear seats using 3-point type seat belt without automatic locking mode:



Step 1

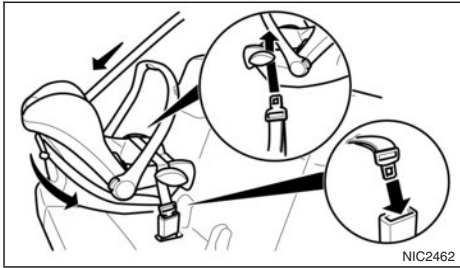
Depending on model, strap type A or B is fitted.

- Adjust the 2nd row seatback fully rearward ①. See "Second row seats (where fitted)" earlier in this section.



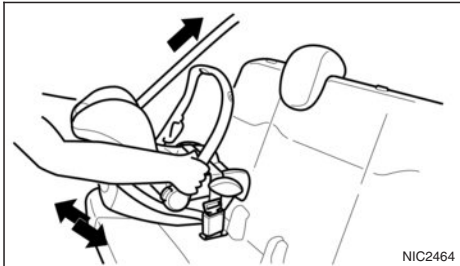
Step 2

2. Position the child restraint on the seat. Pull out the seat belt buckle from the storage pocket in the child seat fitment location ②.



Step 3

3. Route the seat belt over and around the restraint as shown and insert it into the buckle until you hear and feel the latch engage.

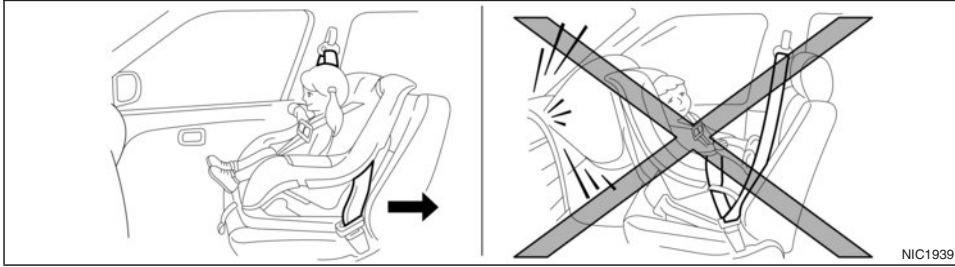


Step 4

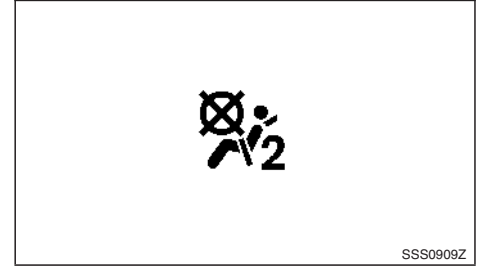
4. To prevent slack in the seat belt webbing, compress the vehicle seat cushion and seatback

while pulling up on the seat belt. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.

5. Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 1 through 4.



NIC1939



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## Installation on front passenger's seat



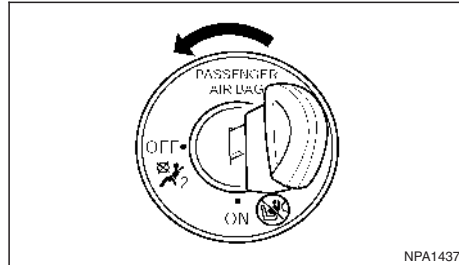
### WARNING

- **Never install a rear-facing child restraint on the front passenger's seat when the front passenger's air bag is active. 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.**
- **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 is available.**



### FRONT-FACING:

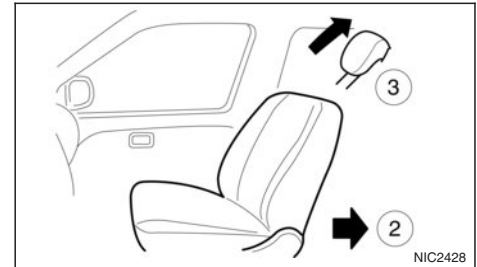
Be sure to follow the manufacturer's instructions for the proper use of your child restraint. Follow these steps to install a front-facing child restraint on the front passenger's seat using 3-point type seat belt without automatic locking mode:

If you must install a front-facing child restraint system on the front seat, follow these steps:



NPA1437

1. For models with the supplemental front-impact passenger's air bag, turn off the front passenger's air bag using the front passenger air bag switch . (See "Front passenger air bag status warning light (where fitted)" later in this section.) Place the power switch in the ON position and make sure that the front passenger air bag status warning light  on the centre console illuminates.



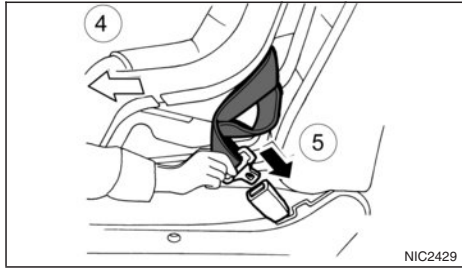
NIC2428

### Steps 2 and 3

2. Move the seat to the rearmost position .

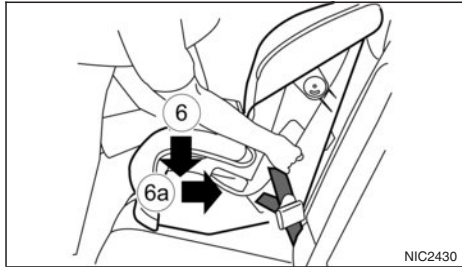


- Remove head restraint when a forward facing child seat is to be fitted ③.  
Store the head restraint in a safe place.



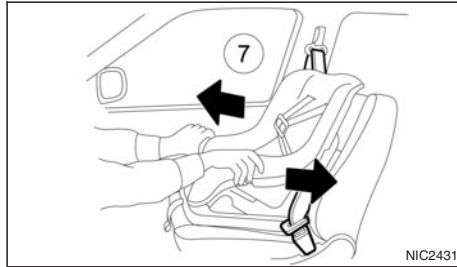
Step 4 and 5

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



Step 6

- Remove any additional slack from the seat belt; press downward ⑥ and rearward ⑥a 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.



Step 7

- Test the child restraint before you place the child in it ⑦. Push the child restraint from side to side and tug it forward to make sure that it is held securely in place.
- Check to make sure that the child restraint is properly secured prior to each use. If the child restraint is loose, repeat steps 2 through 7.

## 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 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 area of the driver and/or front passenger (where fitted) 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 (where fitted)

This system can help cushion the impact force to the chest area 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 curtain side-impact air bag system (where fitted)

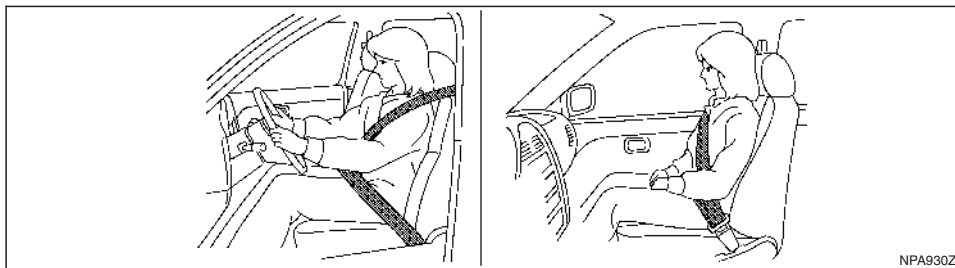
This system can help cushion the impact force to the head of the driver and passengers in front and rear outboard seating positions in certain side-impact collisions. The supplemental curtain side-impact air bag is designed to inflate on the side where the vehicle is impacted.

The SRS is designed to **supplement** the accident protection provided by the driver's and passenger's 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 and instrument panel. (See "Seat belts" earlier in this section). 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 air bags will deflate quickly after deployment.

**The SRS operates only when the power switch is in the ON or READY to drive mode 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 air bag system is operational.**

(See "SRS air bag warning light" later in this section.)



Sit upright and well back

NPA930Z

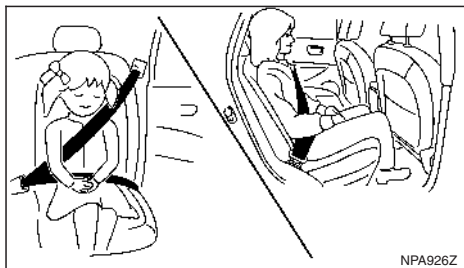


#### WARNING

- Always wear your seat belts to help reduce the risk or severity of injury in various kinds of accidents. (See "Seat belts" earlier in this section)
- The supplemental front air bags, supplemental side-impact air bags and supplemental curtain side-impact air bags ordinarily will not inflate in the event of a front impact, side impact, rear impact, rollover, or lower severity frontal or side collision.
- 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 supple-

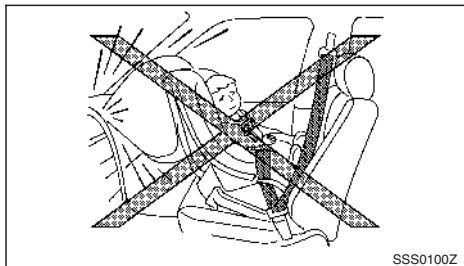
mental front-impact air bag if you are up against it when it inflates. Always sit back against the seatback and as far away as practical from the steering wheel or instrument panel. Always use the seat belts.

- The seat belts and the 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 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.



Correct (rear) seating positions

- 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.
- Children may be severely injured or killed when the supplemental front-impact air bags, supplemental side-impact air bags, or supplemental curtain side-impact air bags inflate, if they are not properly restrained.



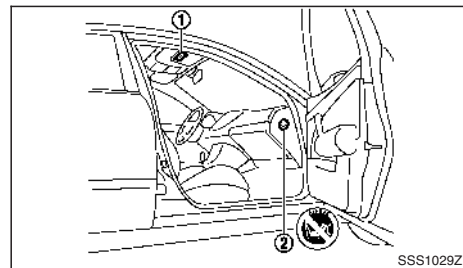
- Never install a child restraint in the front seat without first deactivating the front passenger

air bag. An inflating supplemental front air bag could seriously injure or kill your child. For additional information, see and “Front passenger air bag switch (where fitted)” later in this section.

- Do not allow anyone to place their hands, legs, or face near the supplemental side-impact air bags and supplemental curtain side-impact air bags on the 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.
- When sitting in the rear seats, do not hold onto the seatback of the front seats. If the supplemental 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 side-impact air bag inflations.

### Pre-tensioner seat belt system

The pre-tensioner seat belt system activates in conjunction with the supplemental front-impact air bag. Working with the seat belt retractor and anchor, it helps tighten the seat belt the instant the vehicle becomes involved in certain types of collisions, helping to restrain front seat occupants. (See “Pre-tensioner seat belt system” later in this section.)



Label location (Left-Hand Drive (LHD) example)

### Air bag warning labels

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

#### SRS air bag:

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

#### SRS front-impact passenger air bag (where fitted):

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

This label warns you not to fit a rear-facing child restraint system on the front passenger seat as such a restraint system used in this position could cause serious injury to the infant in case of air bag deployment during a collision.



Air bag warning label

The air bag warning 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 (where fitted).

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” earlier in this section.



### SRS air bag warning light

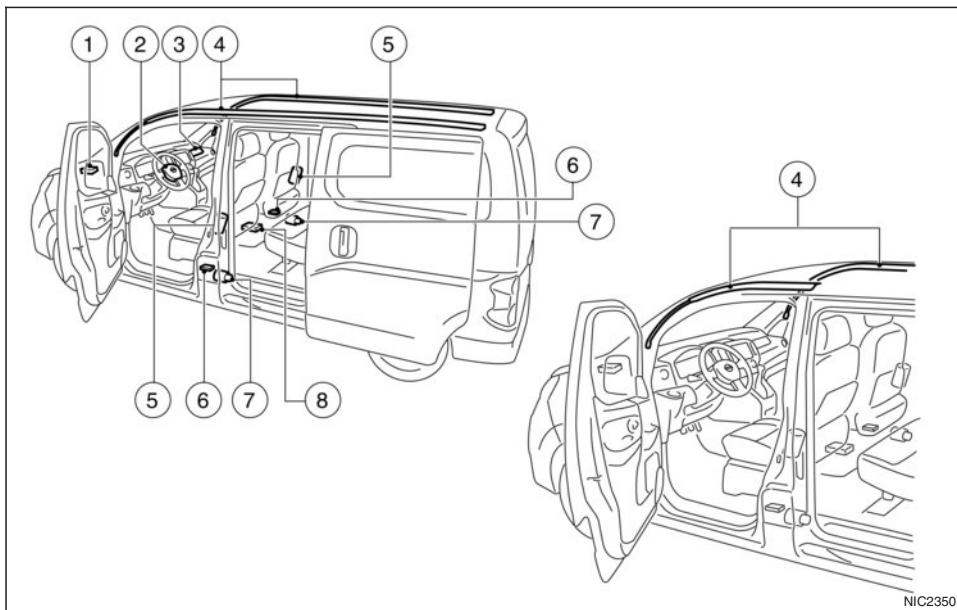
The SRS air bag warning light, displaying in the instrument panel, monitors the circuits for the air bag systems, pre-tensioner seat belt systems and all related wiring.

When the power switch is in the ON or READY to drive mode 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.
- The SRS air bag warning light does not illuminate at all.

Under these conditions, the supplemental front-impact air bags, supplemental side-impact air bags, the supplemental curtain side-impact air bag system, and/or pre-tensioner seat belt systems may not operate properly. They must be checked and repaired. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer immediately.



## SUPPLEMENTAL AIR BAG SYSTEMS

1. Crash zone sensor
2. Supplemental front-impact air bag module driver's side
3. Supplemental front-impact air bag module passenger's side\*
4. Supplemental curtain side-impact air bag system\*

5. Supplemental side-impact air bag system\*
  6. Satellite sensors\*
  7. Seat belt pre-tensioner retractors\*
  8. Diagnosis sensor unit
- \*: where fitted



### WARNING

- Do not place any objects on the steering wheel pad, the instrument panel and the front seats. Do not place any objects between any occupants and the steering wheel pad, on the instrument panel 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 around and on the supplemental air bag systems should be done by a knowledgeable electric vehicle repairer such as 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 (where fitted) 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.



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### Front passenger air bag status warning light (where fitted):

When the power switch is in the ON position, the front passenger air bag status warning light in the middle of the centre console or in the meter panel (where fitted) for about 7 seconds and then turns off. This indicates that the front passenger air bag system is operational.

When the front passenger air bag is turned off with the front passenger air bag switch, the front passenger air bag status warning light will illuminate and remain on as long as the front passenger air bag switch is in the OFF position.

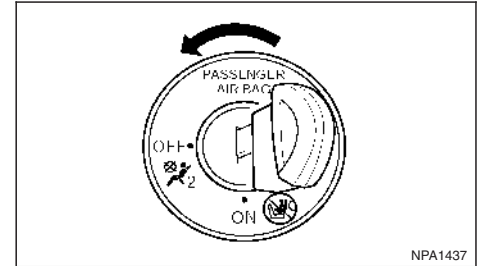


### WARNING

**If any of the following conditions occur after the power switch is placed in the ON position, have the system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer promptly.**

- **The front passenger air bag status warning light remains on after approximately 7 seconds.**
- **The front passenger air bag status warning light does not illuminate at all.**

**Unless checked and repaired, the front passenger air bag system may not function properly.**



### Front passenger air bag switch (where fitted):

The layout illustrated is for the Left-Hand Drive (LHD) model. On the Right-Hand Drive (RHD) model, these components are located on the opposite side.

The front passenger air bag can be turned off with the front passenger air bag switch located on the side of the instrument panel on the front passenger's side.

To turn off the front passenger air bag:

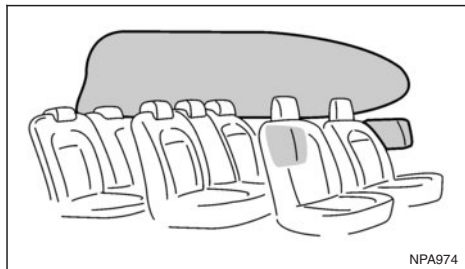
1. Place the power switch in the OFF position.
2. Insert the key into the front passenger air bag switch (A). See "Keys" in the "3. Pre-driving checks and adjustments" section for mechanical key usage.

3. Push and turn the key to the OFF position.
4. Place the power switch in the ON position. The front passenger air bag status warning light will illuminate and remain on.

The front passenger air bag can be turned off with the front passenger air bag switch (A) located on the side of the instrument panel on the front passenger's side.

To turn on the front passenger air bag:

1. Place the power switch in the OFF position.
2. Insert the key into the front passenger air bag switch.
3. Push and turn the key to the ON position.
4. Place the power switch in the ON position. The front passenger air bag status warning light will illuminate then turn off.



Example

### Supplemental side-impact air bag system (where fitted)

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 curtain side-impact air bag system (where fitted)

The supplemental curtain side-impact air bags are located at the top left and right of the inside of the roof.

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 knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as 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 is encased with the front 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. The inflated air bag modules cannot be repaired.**
- **The air bag systems should be inspected by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer if there is any damage to the front end portion of the vehicle.**
- **If you need to dispose of the SRS or scrap the vehicle, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. Correct disposal procedures are set forth in the appropriate NISSAN Service Manual. Incorrect disposal procedures could cause personal injury.**

The air bags and pre-tensioner seat belts are designed to activate on a one-time-only basis. As a reminder, unless the SRS air bag warning light is damaged, the SRS air bag warning light remains illuminated after inflation has occurred. The repair and replacement of the SRS should be done only by a knowledgeable electric vehicle repairer such as 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 LOCK position when working under the bonnet or inside the vehicle.



## 2 Instruments and controls

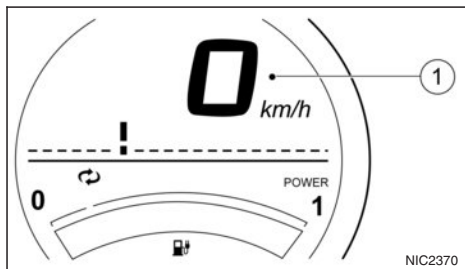
Meters and gauges.....	2-2	Horn .....	2-30
Speedometer .....	2-2	Heated steering wheel (where fitted).....	2-30
Odometer/twin trip odometer.....	2-2	Windows .....	2-31
Power meter bar .....	2-2	Manual windows (where fitted) .....	2-31
Driving range.....	2-3	Sliding windows (where fitted).....	2-31
Li-ion battery available charge gauge.....	2-3	Power windows (where fitted).....	2-31
Instrument brightness control.....	2-4	Power outlet.....	2-33
Vehicle information display.....	2-4	Storage .....	2-33
Warnings and alerts.....	2-5	Glove box.....	2-33
Trip computer.....	2-9	Console box .....	2-34
Settings menu.....	2-10	Under-seat tray (where fitted) .....	2-34
Warning/indicator lights and audible reminders .....	2-13	Bottle holders (where fitted) .....	2-34
Checking bulbs.....	2-14	Cup holders.....	2-34
Warning lights .....	2-14	Rear foldable tables (where fitted) .....	2-35
Indicator lights.....	2-16	Card holder (where fitted).....	2-36
Audible reminders.....	2-21	Ticket holders .....	2-36
Headlight and turn signal switch.....	2-22	Convenience hook.....	2-36
Headlight switch.....	2-22	Cargo hooks (where fitted).....	2-36
Headlight aiming control.....	2-23	Tonneau cover or parcel shelf.....	2-37
Battery saver system.....	2-24	Tonneau cover (where fitted) .....	2-37
Turn signal switch.....	2-25	Parcel shelf (where fitted).....	2-37
Fog light switch.....	2-25	Partition (where fitted).....	2-38
Front fog lights (where fitted) .....	2-26	Partition grille (where fitted).....	2-38
Rear fog light.....	2-26	Partition panel (where fitted).....	2-38
Wiper and washer switch.....	2-27	Sun visors.....	2-38
Windscreen wiper and washer switch.....	2-27	Interior lights.....	2-39
Rear window wiper and washer switch (where fitted).....	2-28	Room light.....	2-39
Defogger switch (where fitted).....	2-29	Rear compartment light.....	2-40

# METERS AND GAUGES

## NOTE

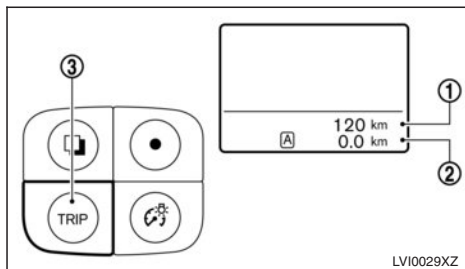
For an overview see “Meters and gauges” in the “0. Illustrated table of contents” section and see “Cockpit” in the “0. Illustrated table of contents” section.

## SPEEDOMETER



The speedometer ① indicates the vehicle speed (km/h or MPH).

## ODOMETER/TWIN TRIP ODOMETER



The odometer ① and twin trip odometer ② are displayed in the vehicle information display when the power switch is in the ON or READY to drive position.

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

The twin trip odometer records the distance of individual trips.

### Changing the display

Pushing the TRIP switch ③ located on the right side of the combination meter panel changes the display as follows:

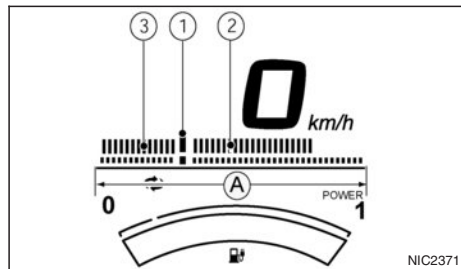
TRIP A → TRIP B → TRIP A

For information about the vehicle information display, see “Vehicle information display” later in this section.

### Resetting the trip odometer

Pushing the TRIP switch ③ for approximately 1 second resets the trip odometer to zero.

## POWER METER BAR



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

When the vehicle stops, the meter indicates the position ① where the power input and regenerative levels are zero. In addition, the position ① is always illuminated when the power switch is in the ON or READY to drive position.

More indicators appear to the right when more power is used from the Li-ion battery ②.

The indicators that appear to the left and turn green ③ show power is generated and provided to the Li-ion battery by the regenerative brake system (Li-ion battery charging).

The power output and regenerative levels of the Li-ion battery are shown by the increasing or decreasing number of dot indicators within the ranges for power output ② and ③ for power regeneration, using the position ① as the starting point.

The extent that the indicators ② and ③ can increase and decrease is limited to within the range that the outer indicators A are illuminated. This range varies based on the Li-ion battery condition (for example, battery temperature, charging status, etc.).

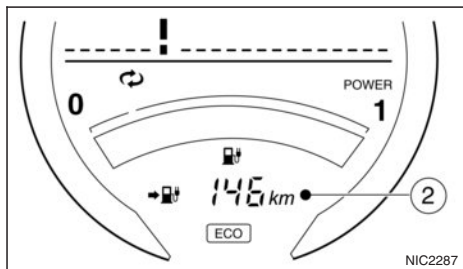
## NOTE

The conditions for the indicators ② and ③ increasing and decreasing are as follows:

- When the temperature of the Li-ion battery is high or low, the maximum range A will increase or decrease.

- When the level of the Li-ion battery charge is low, only the indicators in range ② may decrease.
- When the Li-ion battery is fully charged, only the indicators in range ② may decrease.

## DRIVING RANGE



The driving range ② 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.

This indicator displays the driving range based on the current driving style.

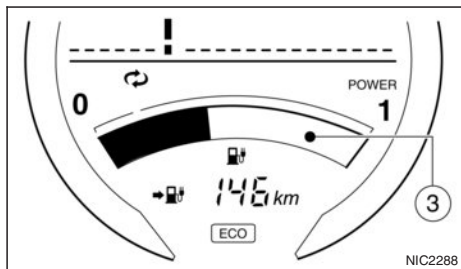
### NOTE

- The driving range display will flash when the low battery charge warning light illuminates. Additionally, if you continue to drive the vehicle in this state 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 vehicle is charged, the displayed driving range is calculated based on the actual average energy consumption of the previous driving. The displayed driving range will vary every time the vehicle is fully charged.
- The driving range will increase or decrease when the air conditioner or heater is turned on or off, or the vehicle is shifted between D (Drive) and ECO position, or when any other accessory is turned on or off based on driving.

## LI-ION BATTERY AVAILABLE CHARGE GAUGE



The gauge ③ indicates the approximate available Li-ion battery charge to run the vehicle.

**Charge the Li-ion battery before the display reaches the left line.**

The low battery charge warning light  illuminates when the Li-ion battery available charge gauge is getting low. Charge as soon as it is conve-

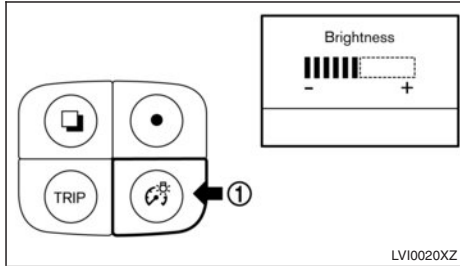
nient, preferably before the display reaches the left line. When the display reaches the left of the display and the low battery charge light illuminated, there is a very small reserve of Li-ion battery charge remaining.

### NOTE

- The number of segments illuminated on the Li-ion battery available charge 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 is cold. The Li-ion battery is capable of storing more power when the Li-ion battery is warm. The number of segments illuminated on the Li-ion battery available charge 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, more segments on the Li-ion battery available charge gauge illuminate 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, less segments on the Li-ion battery available charge gauge illuminate because the remaining energy is a lower percentage of the Li-ion battery's capability of storing power.

## VEHICLE INFORMATION DISPLAY

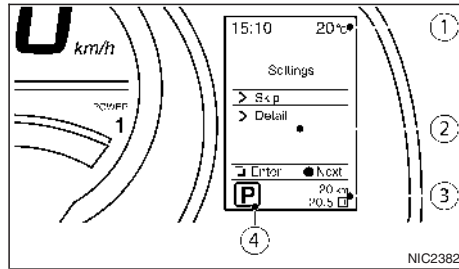
### INSTRUMENT BRIGHTNESS CONTROL



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.

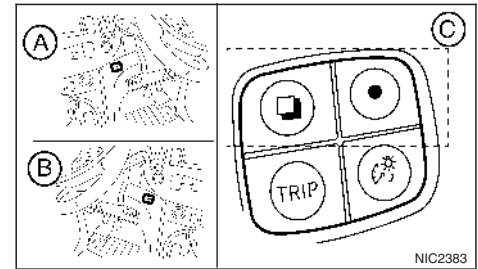
Push the switch ① to display the setting menu of the brightness control in the vehicle information display.

Push the ① button to move the bar to the + side. If the bar reaches the maximum brightness, a chime will sound. If the button ① is pushed again when the brightness is at the maximum setting, brightness will be set to the lowest setting.



- ① Vehicle information display
  - Clock (P. 2-10)
  - Outside air temperature.
- ② – Warnings and alerts (P. 2-5)
  - EV Information display (P. 2-9)
  - CRUISE indicator and SET indicator\* (P. 5-16)
  - LIMIT indicator and SET indicator\* (P. 5-14)
  - Rear view monitor\* (P. 4-2)
- ③ Twin trip odometer (P. 2-2)
- ④ Shift lever indicator
  - Indicates the gear selected, see (P. 5-11),

\* where fitted











- A RHD models
- B LHD models
- C Select or [Enter] and scroll or [Next] buttons



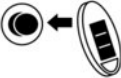
















### WARNING





- **Operating the vehicle information display while driving can lead to a crash resulting in serious injuries or death. Always park the vehicle in a safe place before operating the display screen.**
- **Look at the display screen only briefly while driving. Keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.**

## WARNINGS AND ALERTS

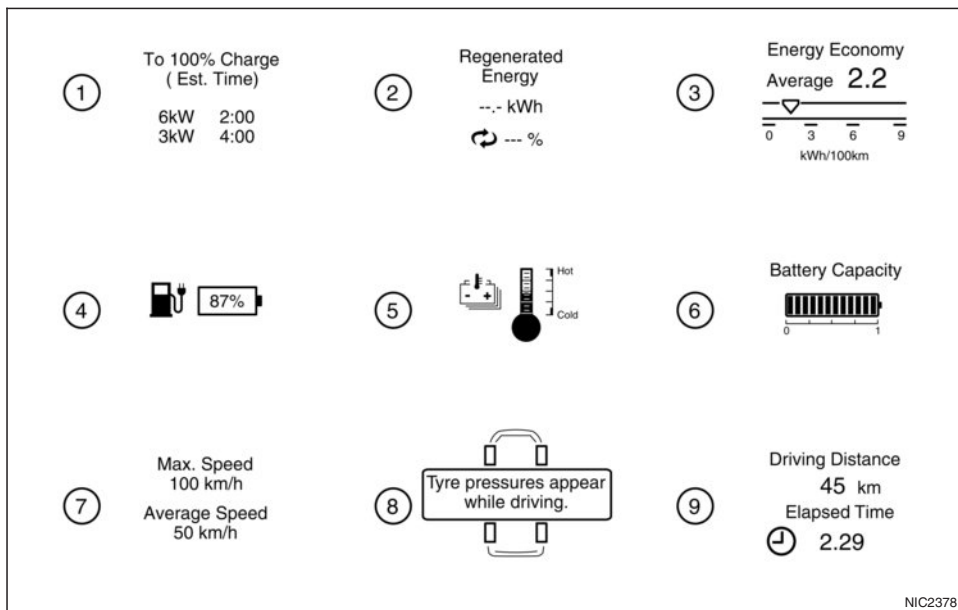
Warning message on screen	Cause and action	Warning message on screen	Cause and action
<p><b>Battery level is low</b></p>	<p>Charge the vehicle as soon as possible.</p>	 <p><b>Headlights on</b></p> <p> Exit</p>	<p>Reminder turn off headlights warning This warning appears when the driver side door is opened while the headlight switch is left ON and the power switch is in the ACC, OFF or LOCK position. Turn the headlight switch in &lt;OFF&gt; or &lt;AUTO&gt; position. For additional information, see "Headlight and turn signal switch" later in this section.</p>
 <p><b>Stop vehicle</b></p>	<p>DC/DC Converter warning This warning appears if the DC/DC converter system is not functioning properly. The 12-volt battery charge warning light also illuminates. Stop the vehicle in a safe location and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</p>	<p><b>Cannot start while charge plug connected</b></p>	<p>The charge cable is connected to the vehicle. Disconnect the cable.</p>
	<p>Door open warning. Close the indicated door.</p>	<p><b>Maintenance</b></p>  <p><b>Other</b></p> <p> Exit</p>	<p>Maintenance alerts For settings and more information, see "Setting maintenance information" later in this section.</p>
	<p>Plug in indicator light NOTE: If the charge connector is connected to the vehicle, the power switch can not be placed in the READY to drive position.</p>		<p>The warning appears when the power switch is left in the ACC or OFF position instead of completely being switched from the ON to the LOCK position. Place the power switch in the LOCK position. For more information, see "Push-button power switch" in the "5. Starting and driving" section</p>

<p><b>Visit dealer</b> <b>Check cooling fan</b></p>	<p>Please contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</p>	 	<p>Steering wheel lock message. Push the power switch and turn the steering wheel slightly to unlock or lock position.</p>
	<p>Discharged Intelligent Key system indicator This indicator appears when the Intelligent Key battery is running out of power and 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 "Push-button power switch" in the "5. Starting and driving" section).</p>	<p><b>T/M system malfunction</b> <b>Visit dealer</b></p>	<p>When this message appears, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</p>
  <p><b>Brake</b></p>	<p>When shifting to P (Park) or when preparing to drive the brake pedal should be depressed. Depress brake pedal, the message will disappear.</p>	<p><b>Check position of shift lever</b></p>	<p>The shift lever is not in the correct position. Position the shift lever as described in "Driving the vehicle" in the "5. Starting and driving" section.</p>
<p>Check cold tyre.</p>	<p>If the tyre pressure becomes higher than the recommended pressure during low tyre pressure condition, the [Check cold tyre.] message will be displayed. Adjust the tyre pressure at cold tyre condition.</p>	<p><b>Settings can only be accessed when stationary</b></p>	<p>During driving the operation of the settings menu is prohibited due to safety reasons. Operate the settings menu while stationary.</p>
<p><b>Failed in Calibrating TPMS</b></p> <p> Exit</p>	<p>Message shows to inform a calibration of the TPMS was done but it was not successful. It disappears after a short period of time. If the message appears again, visit your NISSAN dealer.</p>	<p><b>TPMS Calibrating</b></p> <p> Exit</p>	<p>Message shows to inform a calibration of the TPMS was done. It disappears after a short period of time The TPMS will activate only when the vehicle is driven at speeds above 25 km/h (16 MPH). During driving the message should disappear.</p>

<p><b>Low tyre pressure</b></p> <p> Exit</p>	<p>The TPMS system indicates the tyre pressure is low. Correct the tyre pressure as soon as safely possible.</p>	<p> <b>Fasten your seatbelt</b></p>	<p>Seat belt warning light reminds you to fasten your seat belts. The light illuminates whenever the power switch is in the ON or READY to drive position and remains illuminated until the driver's and/or front passenger's seat belt is fastened. See "Seat belts" in the "1. Safety – Seats, Seat belts and Supplemental Restraint System" section for precautions on seat belt usage.</p>
<p> <b>Have a break?</b></p> <p> Exit</p>	<p>Driver rest recommendation This warning appears when the previously set time for a break is reached. You can set the time for up to 6 hours in the setting menu. (See "Setting driver alert, speed alert and outside temperature – [Alarms] menu" later in this section.)</p>	<p> <b>70 km/h Speed alert</b></p> <p> Exit</p>	<p>Speed warning A warning appears when a previously set speed is reached. To set this speed, see "Setting driver alert, speed alert and outside temperature – [Alarms] menu" later in this section NOTE: The set speed in this menu is independent of the set speed of the speed limiter (where fitted). For details, see "Speed limiter (where fitted)" in the "5. Starting and driving" section.</p>
<p> <b>Battery level is low</b></p>	<p>The warning shows if a low battery voltage is detected when the power switch is from the OFF to the ON position. For more information, see "Push-button power switch" in the "5. Starting and driving" section.</p>	<p><b>Motor power is limited</b></p> <p> Exit</p>	<p>When this message appears park the vehicle as soon as safely possible and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</p>
<p> <b>Key is not detected</b></p>	<p>If the Intelligent Key (where fitted) is taken outside of the vehicle ID recognition zone while the power switch is in the ACC or ON position, the Intelligent Key detection warning will be displayed and a buzzer will sound. The Intelligent Key detection warning disappears when the Intelligent Key is placed back in the passenger compartment. The message also appears when you try to start the vehicle if the Intelligent Key is not detected within the vehicle.</p>	<p> <b>Apply parking brake</b></p>	<p>DC/DC Converter warning This warning appears if the DC/DC converter system is not functioning properly. The 12-volt battery charge warning light also illuminates. Stop the vehicle in a safe location and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</p>

 <p>I-Key system fault</p>	<p><b>CAUTION</b>  <b>If the Intelligent Key system fault warning comes on, it may indicate a system malfunction. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</b></p>	<p>Apply parking brake when parked</p>	<p>Parking brake reminder. Apply parking brake when parking the vehicle.</p>
 <p>Low washer</p>	<p>Low washer fluid warning  This warning appears when the washer tank fluid is at a low level. Add washer fluid as necessary. (See "Window washer fluid/headlight cleaner fluid (where fitted)" in the "8. Maintenance and do-it-yourself" section.)</p>	 <p>SHIFT to P range</p>	<p>This warning appears when the driver's door is opened with the shift lever in any position other than P (Park) position. If this warning appears, place the shift lever in the P (Park) position.</p>
 <p>Release Parking brake</p>	<p>Parking brake warning indicator  When the power switch is placed in the ON position with the parking brake applied, the brake warning light illuminates. When the parking brake is released, the brake warning light turns off. If the parking brake is not fully released, the brake warning light remains on. Be sure that the brake warning light has turned off before driving. See "Parking brake" in the "3. Pre-driving checks and adjustments" section.</p>	<p>Charging is disabled Battery lease contract</p>	<p>This warning appears if your lease company is entitled to block the charging of the battery (pursuant to the contract with the lease company or otherwise). If this message appears, the charging of the battery is blocked. This is not a malfunction. In order to unblock the charging function, please contact your battery lease company.</p>





## TRIP COMPUTER

The trip computer display is controlled using the switch.

Items can be set not to appear using the settings menu. For operation, see settings menu later in this section.

- Short press to change the information that is being displayed.

- Push and hold (up to 3 seconds) resets the current item that is displayed (if possible).
- Push and hold for over 3 seconds to perform a global reset. This resets all functions of the display.

### Estimated charging time ①

For more information see “Charging methods” in the “CH. Charging” section.

### Regenerated energy during a trip (in kWh and percentage) ②

The vehicle can regenerate energy during braking or downhill driving. The trip computer display can be set to show this energy. Other items can also be set to be shown. For more information see “Switching trip computer display items on or off” later in this section

### Average energy economy in kWh ③

The bar shows the average energy consumption after reset.

### Remaining li-ion battery level ④

The remaining li-ion capacity percentage shows inside the battery icon.

### Li-ion battery temperature ⑤

When the li-ion battery temperature is extremely hot or cold, the vehicle power output might be reduced. To inform about the li-ion battery temperature the temperature can be displayed during driving.

### Battery capacity ⑥

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

### Trip maximum speed and average speed ⑦

Trip information is shown.

## Tyre pressure information ⑧ (where fitted)


For the TPMS system the tyre pressures can be shown.

## Trip distance driven and elapsed time ⑨

Trip information is shown.

## SETTINGS MENU

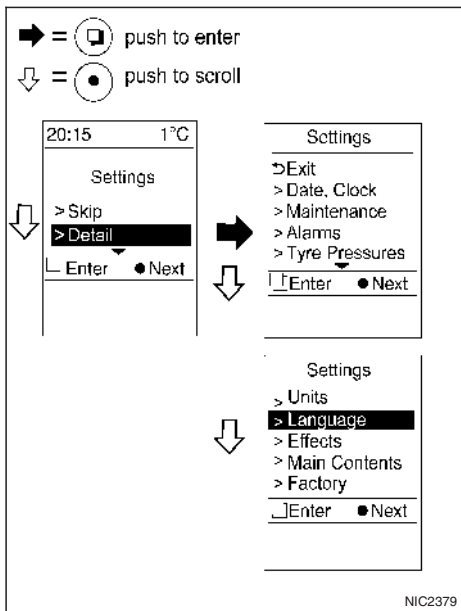
Settings menu entering mode main display. The setting menu can only be entered if the vehicle is stationary.

Details of the [Settings] menu are displayed when using the  switch to control the trip computer.





The content of the menu is explained in the Settings menu section on the next pages.

### NOTE

**For some models settings cannot be changed while driving. A message is shown to indicate to stop the vehicle, when changing menu settings.**



Available submenu's depending on model

1. Push  until the [Settings] menu appears
2. Push  to scroll down. [Detail] is highlighted.
3. Push  to enter the [Settings] menu. [Exit] is highlighted.
4. Push  to scroll down and select the desired menu item.

The menu only scrolls down then starts at the top again.

## Setting the date and time (Set clock)

	Menu item	Action	
Models with navigation system	[Date, clock]	Time and date are set automatically using the navigation system settings. Only 24 Hr or 12 Hr clock appearance can be set. Scroll down to select [24/12 Hr]	
Models without navigation system	[Date, clock]	Scroll and enter:	
		Year	Push [Next] to set the year
		Month and day	Push [Next] to set the month and day
	Hour and minute	Push [Next] to set the hours and minutes of the clock	

## Setting maintenance information

Menu item	Action
[Back]	Return to the [Settings] menu
[Tyre]	Set the distance for the pop-up menu item [Tyre] for example to rotate, check or change tyres
[Other 1]	Set the distance for the pop-up menu item [Other 1]
[Other 2]	Set the distance for the pop-up menu item [Other 2]
[Other 3]	Set the distance for the pop-up menu item [Other 3]

To return to the previous page of the setting mode, select [Exit].

For more information, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## Setting driver alert, speed alert and outside temperature – [Alarms] menu

Scroll to and select the [Alarms] menu.

Menu item	Action
[Back]	Return to the [Settings] menu
[Driver Alert]	Set a time reminder in decimal hours. The alert will appear in the vehicle information display when the timer has reached the end of the timer.
[Speed Alert]	Set a desired speed when the set speed is reached then the alert comes on while driving.
[Outside temp.]	Switch on or off the displayed outside air temperature on the top right of the vehicle information display.

## Setting the tyre pressures (for TPMS)

Scroll to and select the [Tyre Pressures] menu.

Menu item	Action
[Back]	Return to the [Settings] menu
[Target]	Set the target tyre pressures for the TPMS system.
[Calibrate]	Select this item, scroll to [Confirm] and select. [TPMS Calibrating] appears in the display. The TPMS system will calibrate during driving.

For more information, see "Precautions when starting and driving" in the "5. Starting and driving" section.

## Setting the units

Scroll to and select the [Units] menu.

The following items can be set to your preference.

Menu item	Action
[Back]	Return to the [Settings] menu
[Temperature]	Set the temperature units that appear in the vehicle information display to <ul style="list-style-type: none"><li>• [Deg. C]: degrees celcius</li><li>• [Deg. F]: degrees fahrenheit</li></ul>
[Speed]	Select this item to set the display to show <ul style="list-style-type: none"><li>• distance in km, consumption in kWh/100 km</li><li>• distance in miles, consumption in miles/kWh</li><li>• distance in km, consumption in km/kWh</li></ul>
[Pressure]	Select this item to set the display to show different pressure values (for example bar or kPa)


## Setting a language

Select the [Language] submenu to set the desired language of the display

## Switching the power switch ON sound on or off

Select the [Effects] menu and switch the sound on or off.

## Switching trip computer display items on or off

Select the [Main Contents] menu and select the EV Information display items that should appear or not while scrolling through the EV Information display items using the switch  at normal vehicle usage.
































## Factory reset

Select the [Factory] submenu to reset the factory settings of the display.

### **NOTE**


**When resetting [Factory], all previous settings made are changed to default.**

## WARNING/INDICATOR LIGHTS AND AUDIBLE REMINDERS










	12-volt battery charge warning light (DC/DC converter) (red)		Electric power steering warning light (yellow)		Li-ion battery low temperature indicator light (blue)
	BRAKE warning light (red)		Vehicle Dynamic Control (VDC) warning light/Electronic Stability Programme (ESP) warning light (yellow)		Dipped beam indicator light* (green)
	Door open warning light (red)		Electric vehicle system warning light (yellow)		ECO mode indicator light (green)
	Front passenger air bag status warning light*		Intelligent Key system warning light (yellow)		Front fog light indicator light* (green)
	Seat belt warning light (red)		Li-ion battery high temperature indicator light (yellow)		Plug in indicator light (green)
	Security indicator light (red)		Low battery charge warning light (yellow)		READY to drive indicator light (green)
	Supplemental air bag warning light (red)		Low tyre pressure warning light* (yellow)		Small light indicator light (green)
	Shift to P (Park) position warning (red)		Power limitation indicator light (yellow)		Turn signal/hazard indicator lights (green)
	Anti-lock Braking System (ABS) warning light* (yellow)		Rear fog light indicator light* (yellow)		Intelligent Key system warning light (green)
	BRAKE warning light (yellow)		Vehicle Dynamic Control (VDC) warning light/Electronic Stability Programme (ESP) off indicator light (yellow)		
	Approaching Vehicle Sound for Pedestrians (VSP) OFF indicator light (yellow)		High beam indicator light (blue)		*: where fitted

Not all of these warning and indicator lights are available on all vehicles. Lights that are available depend upon the model and specification level of the vehicle.

## CHECKING BULBS

With all doors closed, apply the parking brake, fasten the seat belts and place the power switch in the ON position without depressing the brake pedal. Where fitted, the following lights will illuminate:  , **PS** .

Where fitted, the following lights will illuminate briefly and then turn off:

 ,  ,  (blue then yellow),  (red),  ,  (yellow),  ,  ,  (yellow).

If any lights fail to illuminate, it may indicate a burned-out bulb or an open circuit in the electrical system. Have the system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer promptly.

Some indicators and warnings are also displayed on the vehicle information display. (See “Vehicle information display” earlier in this section.)

## WARNING LIGHTS

 12-volt battery charge warning light (DC/DC converter) (red)

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

This light illuminates continuously after the bulb is checked when the power switch is in the ON position, and turns off when the power switch is placed in the READY to drive position.

When this warning light illuminates, a chime sounds and the electric vehicle system warning light also illuminates.

The following messages also flash on and off in the vehicle information display.

If the vehicle is being driven: [Stop vehicle] and if the vehicle is stopped: [Apply parking brake]. When these messages flash, immediately stop the vehicle in a safe location, apply the parking brake and move the shift lever to the P (Park) position. The warning on the meter and the chime stop when the parking brake is operated or the vehicle is in the P (Park) position. Contact a knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**
- **If the 12-volt warning light illuminates continuously when the power switch is in the READY to drive position. Do not charge the 12-volt battery while this warning light is illuminated. It may lead to a malfunction of the DC/DC converter system. Contact a knowledgeable electric vehicle repairer such as 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” in the “6. In case of emergency” section.**

- **Do not jump-start the vehicle and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for inspection:**
  - **If the 12-volt 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 charge warning light continues to illuminate when the vehicle is in the READY to drive mode, there may be a malfunction in the Power Delivery Module (PDM). Contact a knowledgeable electric vehicle repairer such as 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 light remains illuminated for about a few seconds. If the warning light illuminates any other time and/or a buzzer sounds. It may indicate that the hydraulic brake system is not functioning properly. Stop the vehicle immediately and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

### Parking brake warning indicator:

When the power switch is placed in the ON position with the parking brake applied, the brake warning light illuminates. When the parking brake is released, the brake warning light turns off.

If the parking brake is not fully released, the brake warning light remains on. Be sure that the brake warning light has turned off before driving. See "Parking brake" in the "3. Pre-driving checks and adjustments" section.

### Low brake fluid warning light:

When the power switch is in the ON position, the light warns of a low brake fluid level. If this warning light illuminates, the Electronic Stability Programme (ESP)/Vehicle Dynamic Control (VDC) warning light / Electronic Stability Programme (ESP) warning light and the brake system warning light (yellow) also illuminate.

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 items.

1. Check the brake fluid level. If brake fluid is necessary, add fluid and have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. See "Brake fluid" in the "8. Maintenance and do-it-yourself" section
2. If the brake fluid level is correct, have the warning system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.



### WARNING

- **Your brake system may not be working properly if the warning light is on. Driving could be dangerous. If you judge the brake system 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 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**




### Door open warning light (red)

When the power switch is in the ON position, the door open warning light illuminates if any of the doors (including the back door) are open or not closed securely.



### Front passenger air bag status warning light (where fitted)

When the push-button power switch is turned to the ON position the front passenger air bag deactivated (OFF) warning light  , located in the com-

bination meter, illuminates for approximately 7 seconds and then goes off. This means the system is operational.

The light warns of front passenger air bag status. If the front passenger air bag has been deactivated, the light comes on and stays on as long as the front passenger air bag switch remains in the OFF position.



### Seat belt warning light (red)

#### Type A:

When the power switch is in the ON position, the front seat belt warning light on the instrument panel illuminates. The light will continue to illuminate until the front seat belt is fastened. (See "Seat belts" in the "1. Safety – seats, seat belts and supplemental restraint system" section.)

When the vehicle speed exceeds 15 km/h (10 MPH), the light will blink and the chime will sound unless the front seat belt is securely fastened. The chime will continue to sound for about 90 seconds until the seat belt is fastened.

#### Type B:

When the power switch is in the ON position, the seat belt warning light illuminates. The light will continue to illuminate until the driver's seat belt is fastened. (See "Seat belts" in the "1. Safety – seats, seat belts and supplemental restraint system" section.)



### Security indicator light (red)

The security indicator lights blink when the power switch is in the LOCK, OFF or ACC position. This function indicates the NATS (NISSAN Anti-Theft System)\* equipped on the vehicle is operational. (\* immobilizer)

If NATS is malfunctioning, the lights will remain on while the power switch is in the ON position. (See “Security system” in the “3. Pre-driving checks and adjustments” section for additional information.)



### Supplemental air bag warning light (red)

When the power switch is in the ON position, the Supplemental Restraint System (SRS) air bag warning light illuminates for about 7 seconds and then turns off. This indicates the SRS air bag system is operational.

If any of the following conditions occur, the SRS air bag system and pre-tensioner seat belt need servicing. Have the system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer promptly.

- The SRS air bag warning light remains illuminated after about 7 seconds.
- The SRS air bag warning light flashes intermittently.
- The SRS air bag warning light does not come on at all.

Unless checked and repaired, the SRS air bag system and/or pre-tensioner seat belt may not func-

tion properly. (See “Supplemental Restraint System (SRS)” in the “1. Safety – seats, seat belts and supplemental restraint system” section.)



### Shift to P (Park) position warning (red)

This warning appears when the driver’s door is opened with the shift lever in any position other than P (Park) position. If this warning appears, push the P position switch and place the shift lever in the P (Park) position.

## INDICATOR LIGHTS



### Anti-lock Braking System (ABS) warning light\* (yellow)

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 READY to drive position, or while driving, it may indicate the ABS is not functioning properly. Have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

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” in the “5. Starting and driving” section.)



### BRAKE warning light (yellow)

This light functions for both the cooperative regenerative brake and the Hydraulic Brake Actuation System. 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 Hydraulic Brake Actuation System is not functioning properly. Have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. If the BRAKE warning light (red) also illuminates, stop the vehicle immediately and contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. For additional information, see “Brake system” in the “5. Starting and driving” section.



### WARNING

- **Pressing 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 knowledgeable electric vehicle repairer such as 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.**





### Approaching Vehicle Sound for Pedestrians (VSP) OFF indicator light (yellow)

The light comes on when the Approaching Vehicle Sound for Pedestrians (VSP) OFF switch is pushed to off. (See “Approaching Vehicle Sound for Pedestrians (VSP) system” in the “EV. Electric vehicle overview” section.)



### Electric power steering warning light (yellow)

When the power switch is in the ON position, the electric power steering warning light illuminates and turn off when the power switch is placed in the READY to drive position. This indicates the electric power steering system 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 system is not functioning properly and may need servicing. Have the electric power steering system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

When the electric power steering warning light illuminates while the READY to drive indicator is ON, the power assist to the steering will cease operation but you will still have control of the vehicle. At this time, greater steering efforts are required to operate the steering wheel, especially in sharp turns and at low speeds.

(See “Electric power steering system” in the “5. Starting and driving” section.)



### Vehicle Dynamic Control (VDC) warning light/Electronic Stability Programme (ESP) warning light (yellow)

When the power switch is in the ON position, the Vehicle Dynamic Control (VDC) warning light/Electronic Stability Programme (ESP) warning light illuminates and then turns off.

The warning light blinks when the VDC/ESP system is operating.

When the warning light blinks while driving, the driving condition is slippery and the vehicle’s traction limit is about to be exceeded.

If the VDC/ESP warning light illuminates while driving, it may indicate that the VDC/ESP system is not functioning properly and may need servicing. Have the system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer promptly.

If a malfunction occurs in the system, the VDC/ESP system function will be cancelled but the vehicle is still driveable.

(See “Electronic stability programme (ESP) system” in the “5. Starting and driving” section or “Vehicle dynamic control (VDC) system” in the “5. Starting and driving” section.)



### Electric vehicle system warning light (yellow)

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

- Traction motor and inverter system
- Charge port or on board charger
- Li-ion battery system
- Cooling system
- Emergency shut off system is activated. See “Road accident precautions” in the “EV. Electric vehicle overview” section.



### Intelligent Key system warning light (yellow)

See “Checking bulbs” earlier in this section.



### Li-ion battery high temperature indicator light (yellow)

When the power switch is in the ON position, the Li-ion battery temperature warning light illuminates and then turns off. This indicates that the high temperature sensor in the Li-ion battery is operational.

#### CAUTION

**If the Li-ion battery high temperature warning light illuminates while the power switch is placed in the READY to drive position, it may indicate the Li-ion battery temperature is extremely high. If the Li-ion battery temperature increases even further, the power limitation indicator light illuminates.**

Normally, when the vehicle is driving slowly, the Li-ion battery temperature will decrease.

If the vehicle is overheated, continuing vehicle operation may seriously damage the Li-ion battery. Have your vehicle inspected/repared at a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.



#### Low battery charge indicator light (yellow)

This 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\* (yellow)

When the power switch is in the ON position, the low tyre pressure warning light illuminates and then turns off. This indicates that the low tyre pressure warning system is operational.

This light illuminates if there is low tyre pressure or a tyre pressure warning system malfunction.

The Tyre Pressure Monitoring System (TPMS) monitors the tyre pressure of all tyres except the spare (where fitted).

#### Low tyre pressure warning:

If the vehicle is being driven with low tyre pressure, the low tyre pressure warning light will illuminate.

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 located on the driver side centre pillar see "Vehicle identification" in the "9. Technical information" section. Use a tyre pressure gauge to check the tyre pressure. The low tyre pressure warning light may 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.

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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

For additional information, see Tyre Pressure Monitoring System in "Precautions when starting and driving" in the "5. Starting and driving" section.

#### 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 1 minute. Have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

For additional information, see Tyre Pressure Monitoring System in "Precautions when starting and driving" in the "5. Starting and driving" section.



#### 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 in the ON position, have the vehicle checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer as soon as possible.
- 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 pres-

sure 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 using the emergency tyre puncture repair kit (where fitted) or replace it with a spare tyre (where fitted) as soon as possible.

- After adjusting the tyre pressure, be sure to reset the TPMS. Otherwise, the TPMS will not warn of low tyre pressure.
- When a spare tyre is mounted or a wheel is replaced, the TPMS will not function and the low tyre pressure warning light will flash for approximately 1 minute. The light will remain on after 1 minute. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer as soon as possible for tyre replacement and/or system resetting.
- 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 correctly install the specified size of tyres to all four wheels.



#### Power limitation indicator light (yellow)

When the power limitation indicator light is illuminated, 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 light is illuminated.

When this light comes on, the warning display appears on the centre display and the vehicle information display. Follow the instructions provided on the centre display.

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 indicator 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 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 indicator does not turn off, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

If the indicator illuminates when a part in the electric vehicle has malfunctioned. If the indicator illuminates in a situation other than those described above, or if it does not turn off, there may be a system malfunction. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.



#### WARNING

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



#### Rear fog light indicator light\* (yellow)

The rear fog light indicator light illuminates when the rear fog light is on. (See "Fog light switch" in the "2. Instruments and controls" section.)



#### Vehicle Dynamic Control (VDC) warning light/Electronic Stability Programme (ESP) off indicator light (yellow)

The Vehicle Dynamic Control (VDC)/Electronic Stability Programme (ESP) OFF indicator light illuminates when the VDC OFF switch is pushed to the OFF position.

When the ESP/VDC OFF switch is pushed to the OFF position, the ESP/VDC system is turned off.

(See “Electronic stability programme (ESP) system” in the “5. Starting and driving” section or “Vehicle dynamic control (VDC) system” in the “5. Starting and driving” section.)



High beam indicator light (blue)

The high beam indicator light illuminates when the headlight high beam is on. The indicator turns off when the low beam is selected. (See “Headlight and turn signal switch” in the “2. Instruments and controls” section.)



Li-ion battery low temperature indicator light (blue)

When the power switch is in the ON position, the Li-ion battery low temperature warning light illuminates and then turns off. This indicates that the low temperature sensor in the Li-ion battery is operational.

#### CAUTION

**If the Li-ion battery low temperature warning light illuminates while the power switch is placed in the READY to drive position, it may indicate the Li-ion battery temperature is extremely low. If the Li-ion battery temperature decreases even further, the power limitation indicator light illuminates.**

- **Park the vehicle in a warm place.**
- **Connect the charging cable when the vehicle is parked.**

**If the vehicle Li-ion battery is too cold, continuing vehicle operation may seriously damage the Li-ion battery. Have your vehicle inspected/repaired at a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**



Dipped beam indicator light\* (green)

The dipped beam indicator light illuminates when the headlight low beam is on. The indicator turns off when the high beam is selected. (See “Headlight and turn signal switch” in the “2. Instruments and controls” section.)



ECO mode indicator light (green)

The ECO mode indicator light illuminates when the ECO mode switch is on. See “Driving the vehicle” in the “5. Starting and driving” section.



Front fog light indicator light\* (green)

The front fog lights indicator light illuminates when the front fog lights are on. (See “Fog light switch” in the “2. Instruments and controls” section.)



Plug indicator light (green)

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

#### NOTE

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



READY to drive indicator light (green)

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

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

- Certain electric vehicle 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 “Li-ion battery available charge gauge” earlier in this section.



Small light indicator light (green)

The small light indicator light illuminates when the front clearance lights, instrument panel lights, tail and number plate lights are on. The indicator light turns off when the  $\text{⏏}$  is turned off.



Turn signal/hazard indicator lights (green)

The turn signals/hazard indicator lights blink when the turn signal switch or hazard indicator flasher switch is turned on. (See “Headlight and turn signal switch” in the “2. Instruments and controls” section or “Hazard indicator flasher switch” in the “6. In case of emergency” section.)



## Intelligent Key system warning light (green)

The Intelligent Key system warning light illuminates in green when the power switch can be switched. The Intelligent Key system warning light illuminates in red when the power switch cannot be switched even though the footbrake pedal is depressed.

The Intelligent Key system warning light blinks in red if the Intelligent Key is taken outside of the vehicle while the power switch is in the ACC or ON position.

- If the Intelligent Key system warning light blinks, make sure of the location of the Intelligent Key as soon as possible. The Intelligent Key should be carried by the driver while operating the vehicle.
- The Intelligent Key system warning light turns off about 10 seconds after the Intelligent Key is brought inside the vehicle.

The Intelligent Key system warning light blinks in green indicating that the Intelligent Key battery is almost discharged.

(See “Battery” in the “8. Maintenance and do-it-yourself” section.)

## AUDIBLE REMINDERS

### 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.



Have the system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer promptly. (See “Brakes” in the “8. Maintenance and do-it-yourself” section.)

### Key reminder chime

The key reminder chime will sound if the driver's side door is opened while the power switch is in the ON or ACC position.

Be sure to place the power switch in the OFF position and carry the Intelligent Key with you when leaving the vehicle.

### Light reminder chime

The light reminder chime will sound if the driver's side door is opened while the headlight switch is in either the  or  position and the power switch is in the ACC, OFF or LOCK position.

The chime will also sound for 2 seconds when the power switch is placed in the ACC, OFF or LOCK position while the fog lights are on with the headlight switch in the AUTO position (where fitted).

Be sure to turn the light switch to the OFF or AUTO (where fitted) position and the fog light switch (where fitted) to the OFF position when you leave the vehicle.

### Parking brake reminder chime

The parking brake reminder chime will sound if the vehicle is driven at more than 7 km/h (4 MPH) with the parking brake applied. Stop the vehicle and release the parking brake.

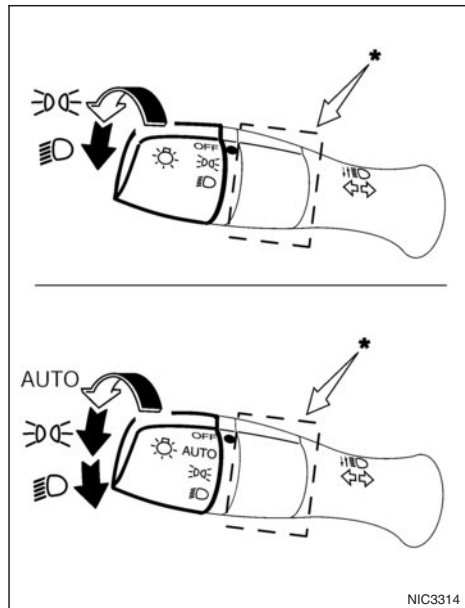
### 12-volt battery charge warning chime

The 12-volt battery charge warning chime will sound if the 12-volt battery charge warning light illuminates and a warning message is displayed in the vehicle information display.

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

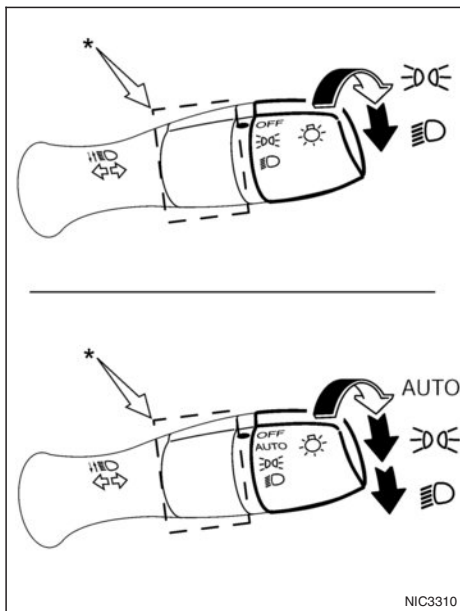
# HEADLIGHT AND TURN SIGNAL SWITCH

## HEADLIGHT SWITCH



LHD — <AUTO> head and tail lights mode (where fitted)

\* For details, see "Fog light switch" later in this section.



RHD — <AUTO> head and tail lights mode (where fitted)

\* For details, see "Fog light switch" later in this section.

NISSAN recommends that you consult the local regulations concerning the use of lights.

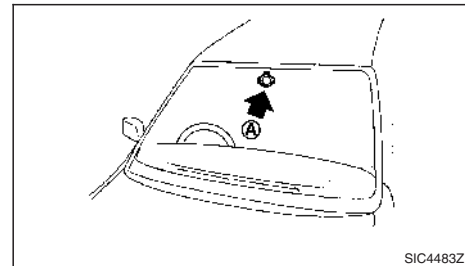
### ☞ position

The ☞ position turns on the front clearance, tail, number plate and instrument panel lights.

## AUTO position (where fitted)

When the power switch is in the ON position and the headlight switch is in the <AUTO> position, the headlights, front clearance lights, instrument panel lights, rear combination lights and other lights turn on automatically depending on the brightness of the surroundings.

When the power switch is placed in the OFF position, the lights will turn off automatically.

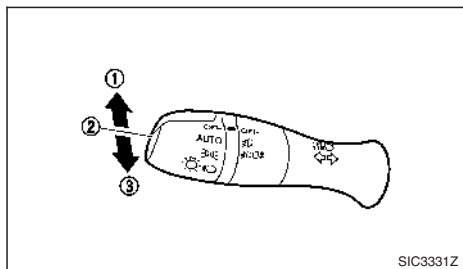


### CAUTION

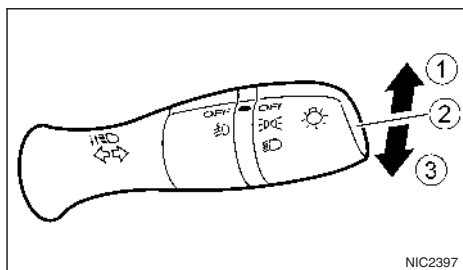
**Do not place any objects on top of the sensor (A).** The sensor senses the brightness level and controls the autolight function. If the sensor is covered, it reacts as if it is dark, and the headlights will illuminate.

### ☞ position

The ☞ position turns on the headlights in addition to the other lights.



Type A (example)



Type B (example)

## “Friendly Lighting”

The “Friendly Lighting” function is a convenience facility. It allows you to provide lighting from the vehicle after the power switch has been placed in the LOCK position and the headlight switch is in the <OFF> or <AUTO> (where fitted) position. Pulling the headlight switch towards the rearmost position ③ once will activate the headlight and after a period of time, it will automatically switch off.

It is possible to pull the headlight switch up to four times to increase the lighting period up to 2 minutes.

### NOTE

**The “Friendly Lighting” function can be cancelled by placing the power switch in the ACC or ON position.**

### Daytime light system (where fitted)

Even if the headlight switch is off, the daytime lights will come on after starting the electric vehicle system. However, you cannot change low beam to high beam when the light switch is off.

When the light switch is turned to the  $\rightarrow$  position, the headlight low beam will turn off.

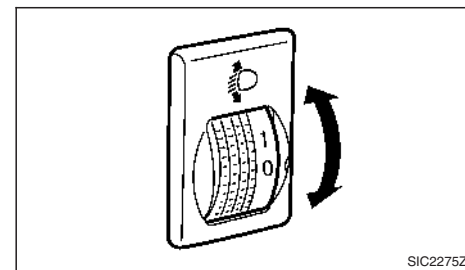
## Headlight beam

To turn on the high beam, push the lever towards the front position ①.

To turn off the high beam, return the lever to the neutral position ②.

To flash the headlights, pull the lever towards the rearmost position ③. The headlights can be flashed even when the headlights are not on.

## 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 condition.

When driving with no heavy load/luggage or driving on a flat road, select the normal position “0”.

If the number of occupants and load/luggage in the vehicle changes, the headlight axis may become higher than normal.

If the vehicle is travelling on a hilly road, the headlights may directly shine on the rearview and outside mirrors of a vehicle ahead or the windscreen of an oncoming vehicle, which may obscure other drivers' vision.

To adjust to the proper aiming height, turn the switch accordingly. The higher the number, designated on the switch, the lower the headlight axis.

Select the switch position by referring to the following samples.

**Model without rear seats (Van):**

Switch position	Number of front seat occupants	Number of rear seat occupants	Weight of load in the cargo compartment
0	Driver only	0	No load
2			Approximately 570 kg (1,257 lb)



**Model with second row seats (Wagon):**

Switch position	Number of front seat occupants	Number of second row seat occupants	Weight of load in the cargo compartment
0	Driver only	0	No load
1	2	3	
2		Driver only	0
			Approximately 427 kg (942 lb)



**Model with third row seats (Wagon):**

Switch position	Number of front seat occupants	Number of second row seat occupants	Number of third row seat occupants	Weight of load in the cargo compartment
0	Driver only	0	0	No load
1	2		2	
			3	
2	Driver only	0	0	Approximately 299 kg (659 lb)

**BATTERY SAVER SYSTEM**

The light reminder chime will sound if the headlight switch is in either the  or  position and when the driver's door is opened with the power switch in the ACC, OFF or LOCK position.

**FOR EUROPE**

If the doors are closed and locked with the integrated key fob while the headlight switch is in either the  or  position, the battery saver function will turn off the lights to prevent the battery from being discharged. The lights will turn on when the doors are being opened.

**CAUTION**

**Do not leave the lights on when the power switch is in the OFF, ACC or ON position for extended periods of time to prevent the 12-volt battery from being discharged.**





## FRONT FOG LIGHTS (where fitted)

To turn on the front fog lights, turn the headlight switch to the  $\text{OFF}$  or  $\text{AUTO}$  position, then turn the fog light switch to the  $\text{ON}$  position ①.

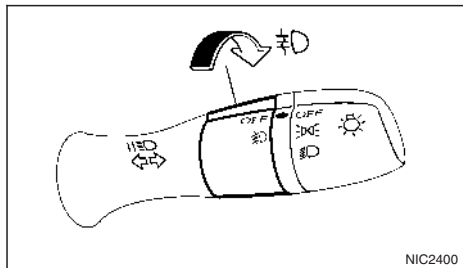
To turn the fog lights off, turn the switch to the <OFF> position.

### NOTE

**When the headlight switch is in the <AUTO> position (where fitted):**

Turning the fog light switch to the  $\text{ON}$  position will turn on the front fog lights while the headlights and the other lights are on and the power switch is in the ON position or the vehicle is in the READY to drive mode.

## REAR FOG LIGHT



Type C (with rear fog light)

The rear fog light should be used only when visibility is seriously reduced. Generally, to less than 100 m (328 ft). Always check the local regulations.

## Type A and C

To turn the rear fog light on, turn the headlight switch to the  $\text{OFF}$  or  $\text{AUTO}$  position, then turn the switch to the  $\text{ON}$  position. The switch returns to the <OFF> position automatically, and the rear fog light will illuminate. Make sure the  $\text{ON}$  indicator on the instrument panel illuminates.

To turn the rear fog light off, turn the fog light switch to the  $\text{OFF}$  position again. Make sure the  $\text{ON}$  indicator on the instrument panel turns off.

### NOTE

**When the headlight switch is in the <AUTO> position (where fitted):**

Turning the fog light switch to the  $\text{ON}$  position will turn on the rear fog light while the headlights and other lights are on and the power switch is in the ON position or the vehicle is in the READY to drive mode.

## Type B (where fitted)

To turn the rear fog light on, turn the headlight switch to the  $\text{OFF}$  or  $\text{AUTO}$  position, then turn the switch to the  $\text{ON}$  position. The switch returns to the  $\text{OFF}$  position automatically, and the rear fog light will illuminate with the front fog lights. Make sure the  $\text{ON}$  indicator light on the instrument panel illuminates.

To turn the rear fog light off, turn the fog light switch to the  $\text{OFF}$  position again. Make sure the  $\text{ON}$  indicator on the instrument panel turns off.

To turn both the front and rear fog lights off, turn the fog light switch to the <OFF> position.

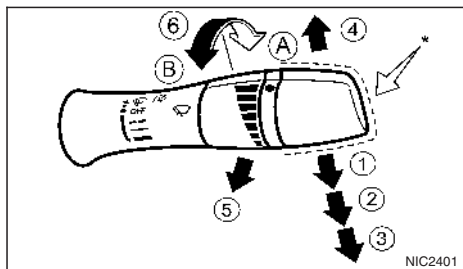
Turning the fog light switch to the  $\text{ON}$  position will turn on the rear fog light while the headlights and other lights are on and the power switch is in the ON position or the vehicle is in the READY to drive mode.

### NOTE

**When the headlight switch is in the <AUTO> position (where fitted):**

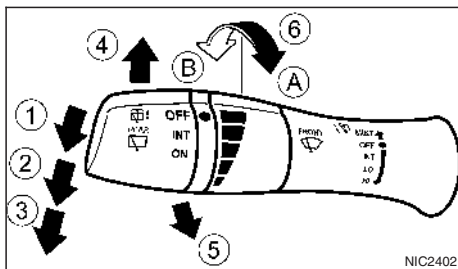
Turning the fog light switch to the  $\text{ON}$  position will turn on the front and rear fog lights while the headlights and other lights are on and the power switch is in the ON position or the vehicle is in the READY to drive mode.

## WIPER AND WASHER SWITCH



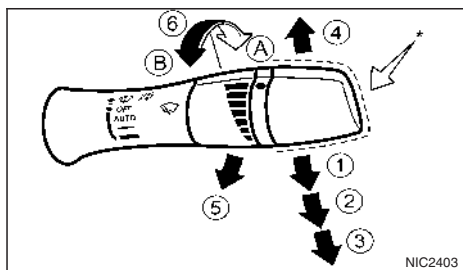
Type A

NIC2401



Type C

NIC2402



Type B

NIC2403

\* For details, see "Rear window wiper and washer switch (where fitted)" later in this section.

The windscreen and/or rear window wiper and washer can be operated when the power switch is in the ON position.

### WINDSCREEN WIPER AND WASHER SWITCH



#### WARNING

In freezing temperatures the washer fluid may freeze on the windscreen and obscure your vision. Warm the windscreen with the defogger before you wash it.

#### CAUTION

- Do not open/release the bonnet when the front wiper arms are raised from their original position.
- Do not operate the washer continuously for more than 15 seconds.
- Do not operate the washer if the reservoir tank is empty or frozen.

- 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 on and around the wiper arms. In approximately 20 seconds, turn the switch on again to operate the wiper.

### Windscreen wiper operation

Push the lever down to operate the windscreen wiper at the following speeds:

- ① , <INT> or <AUTO> (where fitted) – the intermittent operation speed can be adjusted by rotating the ring towards (A) (slower) or (B) (faster).  
or the intermittent operation speed activated by rain sensor (where fitted)
- ② Low ( , or <LO>) – continuous low speed operation
- ③ High ( , or <HI>) – continuous high speed operation  
To stop the wiper operation, move the lever up to the <OFF> position.
- ④ Single sweep ( , or <MIST>) – push the lever up for a single sweep operation of the wiper.

### Washer operation

- ⑤ To operate the washer, pull the lever towards you until the desired amount of washer fluid is spread on the windscreen. The wiper will automatically operate several times.

### Wiper drip wipe system (for Europe):

The wiper will also operate once about 3 seconds after the washer and wiper are operated. This operation is to wipe washer fluid that has dripped on the windscreen.

### RAIN-SENSING AUTO WIPER SYSTEM (where fitted)

#### 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.**

#### NOTE



- 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.

The rain-sensing auto wiper system can automatically turn on the wipers and adjust the wiper speed depending on the density of the rainfall and the vehicle speed by using the rain sensor located on the upper part of the windscreen.

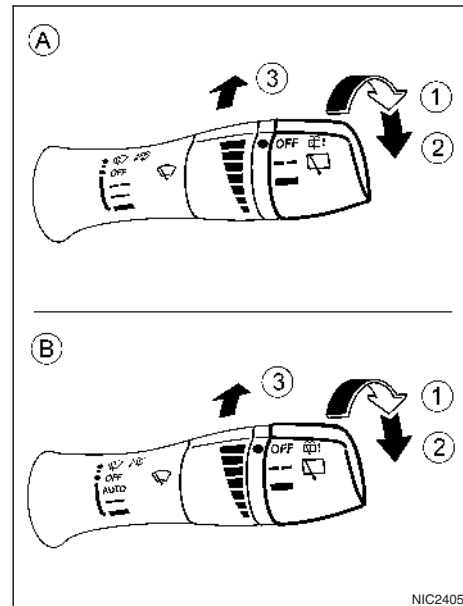
To set the rain-sensing auto wiper system, push the lever down to the <AUTO> position. The wiper will sweep once while the power switch is in the ON position.

The wiper will start to operate automatically at a suitable speed when rain is detected on the windscreen.

The rain sensor sensitivity level can be adjusted by turning the knob ⑥ toward the front (High sensitive operation) or toward the rear (Low sensitive operation).

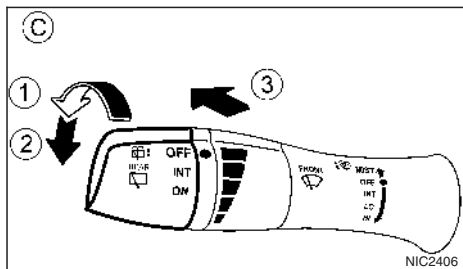
To turn the rain-sensing auto wiper system off, push up the lever to the <OFF> position, or pull the lever down to the  (Low) or  (High) position.

### REAR WINDOW WIPER AND WASHER SWITCH (where fitted)



Type A and B

NIC2405



Type C

**WARNING**

In freezing temperatures, the washer fluid may freeze on the rear window(s) and obscure your vision. Warm the rear window(s) with the defogger before you wash the rear window(s).

**CAUTION**

- 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 on and around the wiper arms. In approximately 1 minute, turn the switch on again to operate the wiper.
- Do not operate the washer if the window washer reservoir is empty or frozen.
- Do not operate the washer continuously for more than 15 seconds.

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

**Wiper operation**

The switch position or <INT> ① operates the wiper intermittently.

The switch position or <ON> ② operates the wiper at low speed.

**Reverse synchronisation function:**

When the windscreen wiper switch is on, moving the shift lever to the R (Reverse) position will operate the rear window wiper and washer. The rear window wiper will be operated once.

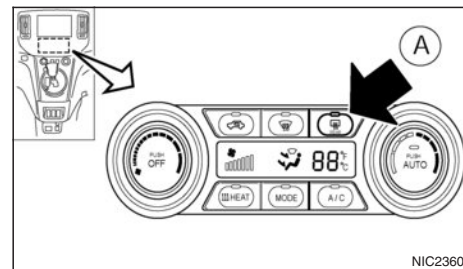
**Washer operation**

To operate the washer, push the lever toward the front of the vehicle ③ until the desired amount of washer fluid is spread on the windscreen. The wiper will automatically operate several times.

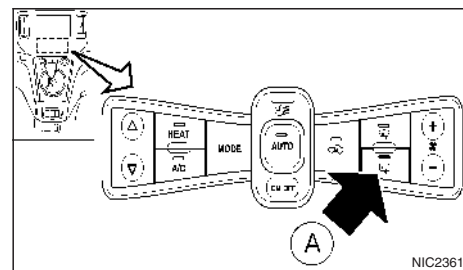
**Wiper drip wipe system (for Europe):**

The wiper will also operate once after the washer and wiper are operated. This operation is to wipe washer fluid that has dripped on the rear window.

**DEFOGGER SWITCH (where fitted)**



Type A



Type B

The defogger switch operates when the power switch is in the ON position.

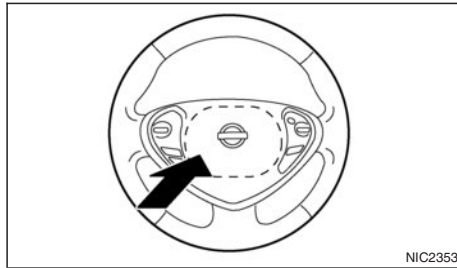
The defogger is used to reduce the moisture, fog or frost on the rear window and outside door mirror surface (where fitted) to improve the rear view.

When the defogger switch (A) is pushed, the indicator light illuminates and the defogger operates for a period of time. To turn off manually, push the defogger switch again.

## HORN

### CAUTION

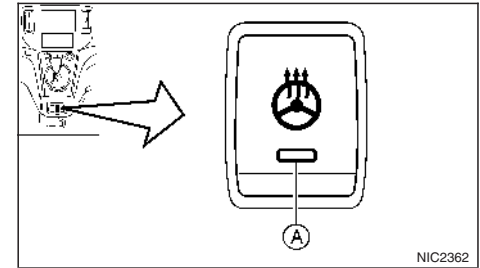
When cleaning the inner side of the window, be careful not to scratch or damage the electrical conductors on the surface of the window.



The horn switch operates regardless of the power switch position except when the battery is discharged.

When the horn switch is pushed and held, the horn will sound. Releasing the horn switch will cease the horn sound.

## HEATED STEERING WHEEL (where fitted)



The heated steering wheel system is designed to operate only when the surface temperature of the steering wheel is below approximately 20°C (68°F).

Push the heated steering wheel switch to warm the steering wheel when the power switch is in the ON position. The indicator light (A) on the switch will illuminate.

If the surface temperature of the steering wheel is below approximately 20°C (68°F), the system will heat the steering wheel and cycle off and on to maintain a temperature above 20°C (68°F). The indicator light will remain on as long as the system is on.

Push the switch again to turn the heated steering wheel system off manually. The indicator light turns off.

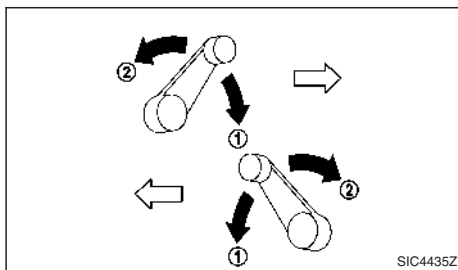
### NOTE

- If the surface temperature of the steering wheel is above 20°C (68°F) when the switch is turned on, the system will not heat the steering wheel. This is not a malfunction.

## WINDOWS

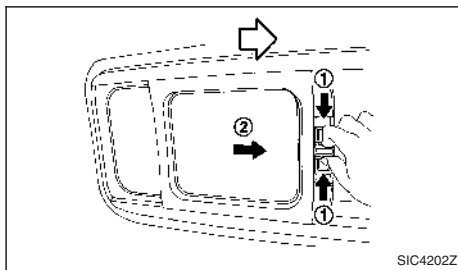
- If the outside temperature is low (approximately 10°C (50°F) or less) and the Climate Ctrl. Timer or Remote Climate Control (where fitted) is used, the steering wheel heater will automatically operate in the following conditions.
  - When using the Climate Ctrl. Timer: Operates from approximately 15 minutes before the set departure time until the set departure time.
  - When using the Remote Climate Control (where fitted): Operates in approximately 15 minutes after the Remote Climate Control (where fitted) starts.
- The heated steering wheel consumes less power than the heater and can be used to either help extend vehicle range by reducing heater use or to maximise comfort by supplementing the heater.

### MANUAL WINDOWS (where fitted)



The windows can be opened ① or closed ② by turning the hand crank on each door.

### SLIDING WINDOWS (where fitted)



To open the sliding window, squeeze the knob ① and slide the window open ② toward the front of the vehicle.

To close, completely close the window until there is a locking sound.

### POWER WINDOWS (where fitted)

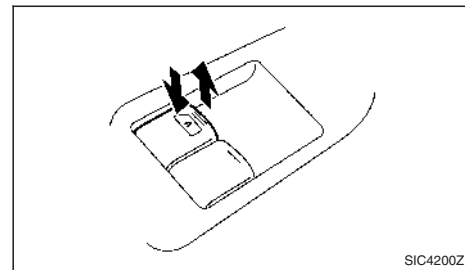


- Make sure that all passengers have their hands, etc. inside the vehicle before operating the power windows.
- Never leave children or adults who would normally require the support of others alone in the vehicle. They could unknowingly activate switches or controls and inadvertently become involved in an accident.

The power windows operate when the power switch is in the ACC or ON position.

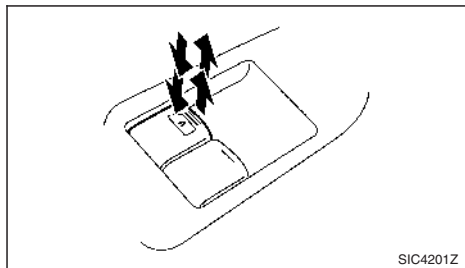
To open a window, push down the power window switch.

To close a window, pull up the power window switch.



## Driver's window switch

The driver's switch, the main, switch can control the front windows.



### Automatic function:

The automatic function is available for the switch that has an **A** mark on its surface.

The automatic function enables a window to fully open without holding the switch down.

To fully open the window, push the power window switch down to the second detent and release the switch. The switch does not have to be held during window operation.

To stop the window operation during the automatic function, push down or pull up the switch in opposite direction.

### Window timer (where fitted):

The window timer allows the window switch to be operated for approximately 45 seconds even if the power switch is turned to the OFF position. The win-

dow timer will be cancelled when the driver's or front passenger's (where fitted) door is opened or the preset time has expired.

### Auto-reverse function:



### WARNING

**There is a small distance just before the closed position which cannot be detected. Make sure that all passengers have their hands, etc. inside the vehicle before closing the windows.**

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.

### System reinitialisation:

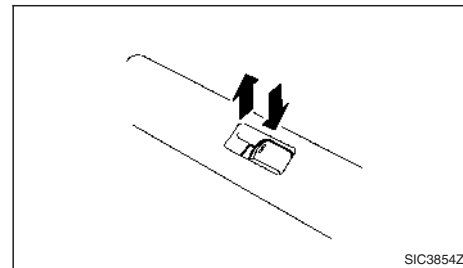
Some power window functions (automatic close function, and auto-reverse function) will not operate as described earlier after reconnecting the 12-volt battery cable or replacing the power window fuse. Perform the following procedure to initialise the power window functions.

1. Place the power switch in the ON position.
2. If the driver's window is closed, open it completely by operating the driver's window switch.

3. Pull up and hold the driver's window switch to close the driver's window. Hold the switch for approximately 3 seconds after the window has been fully closed, and then release it.
4. Check if the power window functions operate properly.

If you open or close the power window continuously, it may cause the power window not to operate properly. Perform the above procedure.

If the power window functions do not operate properly after performing the above procedure, repeat the steps. If necessary, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for checking the power window system.

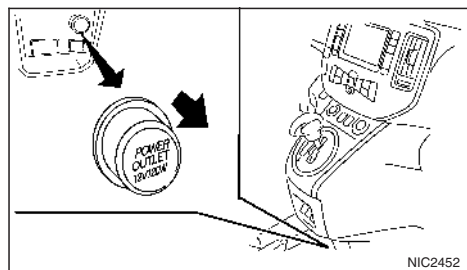


## Passenger's window switch

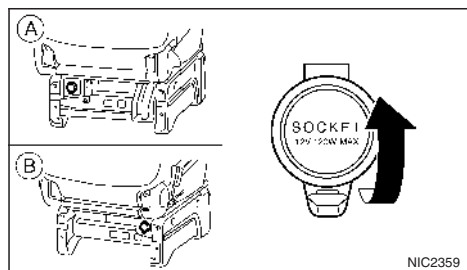
The passenger's switch can control its corresponding window.



## POWER OUTLET



Front



For second row passenger's (where fitted)

(A) Behind driver's seat RHD

(B) Behind driver's seat LHD

The power outlet is for powering electrical accessories.

### CAUTION

- The outlet and plug may be hot during or immediately after use.

- This power outlet is not designed for use with a cigarette lighter unit.
- 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 is placed in ON or 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 switched on.
- Before inserting or disconnecting a plug, be sure to turn off the power switch of the electrical accessory being used or the power switch of the vehicle.
- Push the plug in as far as it will go. If good contact is not made, the plug may overheat or the internal temperature fuse may blow.
- Do not allow water to contact the outlet.
- When not in use, be sure to close the cap.

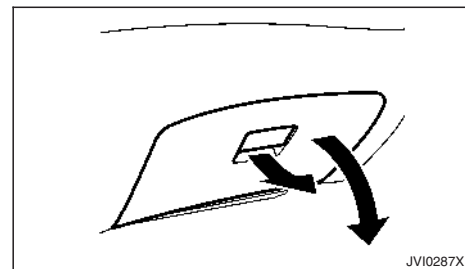
## STORAGE



### WARNING

- The storage compartments should not be used while driving so that full attention may be given to vehicle operation.
- Keep the storage lids closed while driving to help prevent injury in an accident or sudden stop.

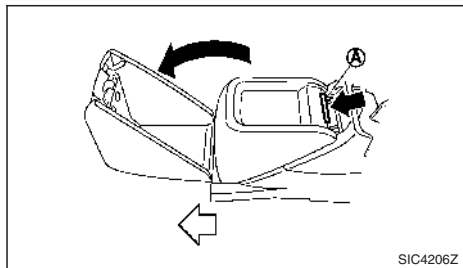
## GLOVE BOX



To open the glove box, pull the handle.

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

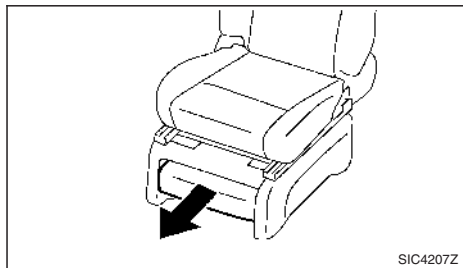
## CONSOLE BOX



To open the console box lid, push the knob **A** up and pull the lid up.

To close, push the lid down until it locks.

## UNDER-SEAT TRAY (where fitted)



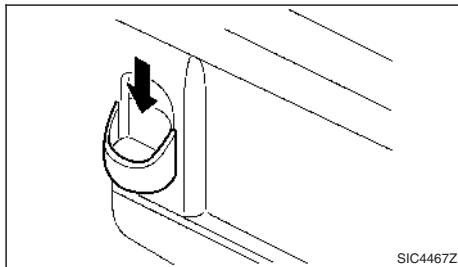
To open the under-seat tray, pull the tray up and forward towards the front of the vehicle.

To close, push in until it stops and pull the tray up until it locks.

## CAUTION

Do not overfill the tray with materials. They can touch or strike the seat adjustment lever and may hinder the operation of the lever, or materials may get stuck inside the tray.

## BOTTLE HOLDERS (where fitted)

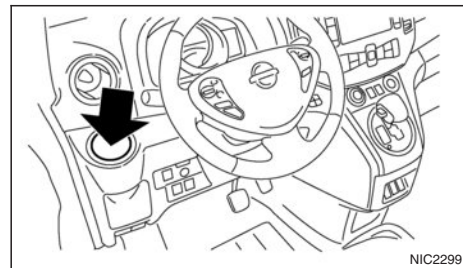


The holders are located in the sliding door pockets.

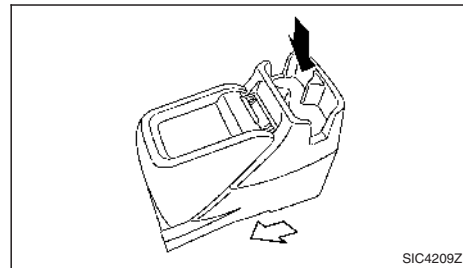
## CAUTION

Do not put an open bottle in the holder, as the fluid may spill when opening or closing the door or while driving.

## CUP HOLDERS



Front



Rear

## Front and Second row seat

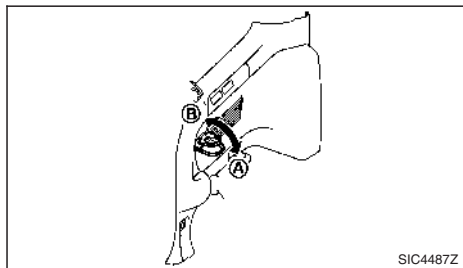


## WARNING

The driver must not remove or insert cups into the cup holder while driving so that full attention may be given to vehicle operation.

### CAUTION

Avoid abrupt starting and braking especially when the cup holder is being used to prevent spilling the contents. If the contents are hot, they could scald you or your passengers.



Third row seat (where fitted)

### Third row seat (where fitted)

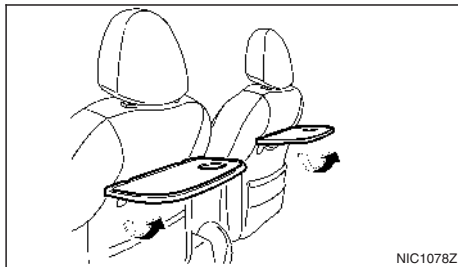
The third row seat cup holder is located on the side of the third row seat. To use the cup holder, pull it down (A) until it locks.

When storing the cup holder, push it up (B).

### CAUTION

- Store the cup holders when entering or leaving the third row seat.
- Do not apply an excessive force to the cup holders.

### REAR FOLDABLE TABLES (where fitted)

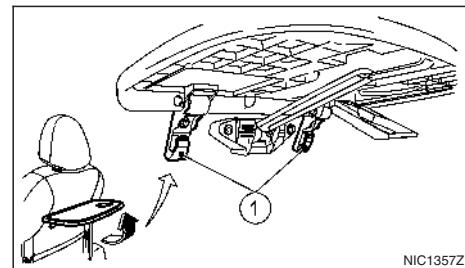


To use the table, pull the table up until it locks.

When storing the table, hold the centre edge of the table and push the table down.

### CAUTION

- Do not use the table while driving.
- When the table is not in use, store it to prevent an injury or accident.
- Do not apply or place a total load of more than 3 kg (7 lb) on the table. This may damage the table.



### Convenience hooks (where fitted)

Two convenience hooks (1) are available at the base of each rear table. Pull the table up as illustrated.

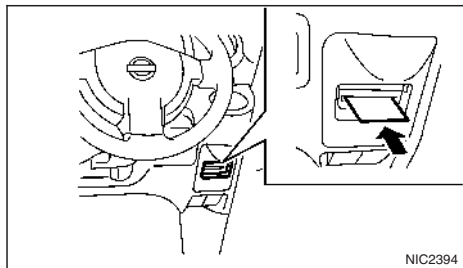
Each hook is designed to take up to 5 kg (11 lb).



### WARNING

Do not apply a total load of more than 3 kg (7 lb) to a single hook.

## CARD HOLDER (where fitted)



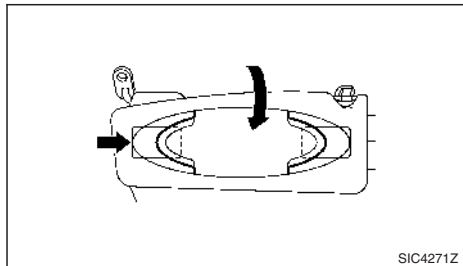
RHD only

A single card (credit-card sized) can be inserted.

### CAUTION

Do not insert a card smaller or thinner than the opening. It will become stuck inside and will not be able to be pulled out.

## TICKET HOLDERS



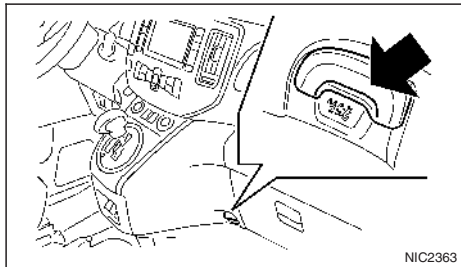
SIC4271Z

To access the ticket holders, pull the sun visor down.

### CAUTION

Do not insert a card thicker than 1 mm (0.04 in) or several tickets to the holders.

## CONVENIENCE HOOK

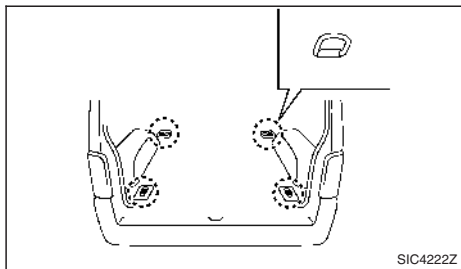


NIC2363

### CAUTION

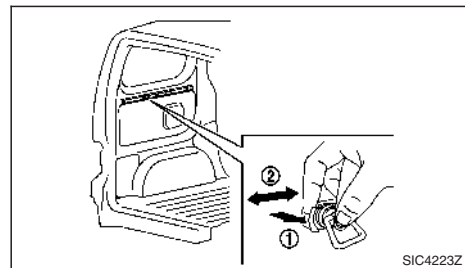
Do not apply a total load of more than 3 kg (6 lb) to the hook.

## CARGO HOOKS (where fitted)



SIC4222Z

Type A



SIC4223Z

Type B



### WARNING

- Always make sure that the cargo/luggage is properly secured. Use the suitable ropes and hooks.
- Unsecured cargo/luggage can become dangerous in an accident or sudden stop.

### Type A:

There are 4 – 6 hooks on the floor, depending on the model.

### Type B:

Four hooks are available (stored in the glove box). Attach the hooks to the rail on the rear compartment.

Push and hold the centre of the hook ① as shown to attach/remove or move it right or left ②.

## TONNEAU COVER OR PARCEL SHELF

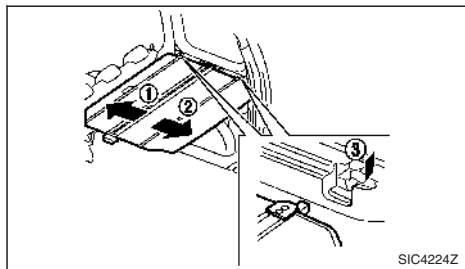


### WARNING

- 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 with it disengaged from the holder.

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

### TONNEAU COVER (where fitted)



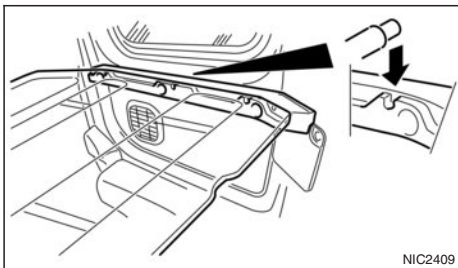
Tonneau cover

To use the Tonneau cover, pull it out toward the front and rear of the vehicle ①, hang both sides on the hooks ②.

To stow the Tonneau cover, remove it from the hooks and hold until it is retracted.

To remove the Tonneau cover, stow the cover and tap the holder to the upper side.

### PARCEL SHELF (where fitted)

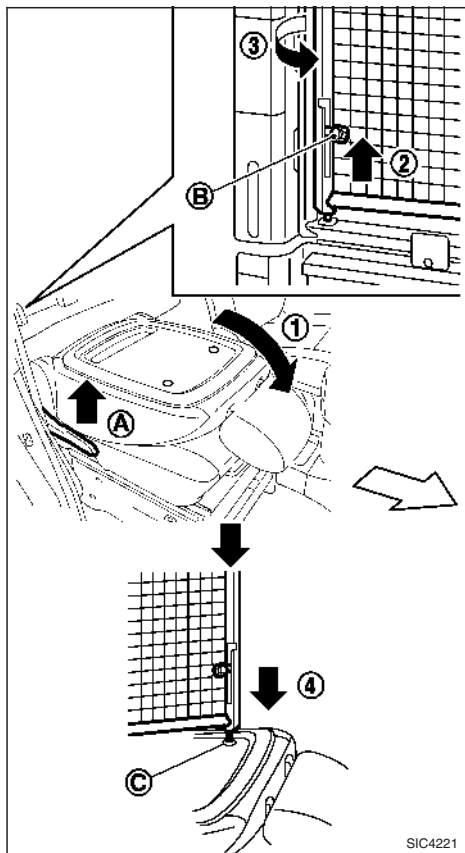


Type B

Remove the complete cover by lifting it out of the brackets, refitting by pushing the pins into the brackets as shown.

## PARTITION (where fitted)

### PARTITION GRILLE (where fitted)



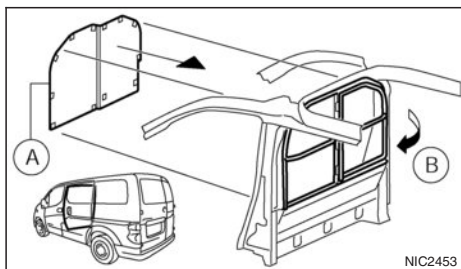
The partition can be folded and a long object can be loaded.

#### CAUTION

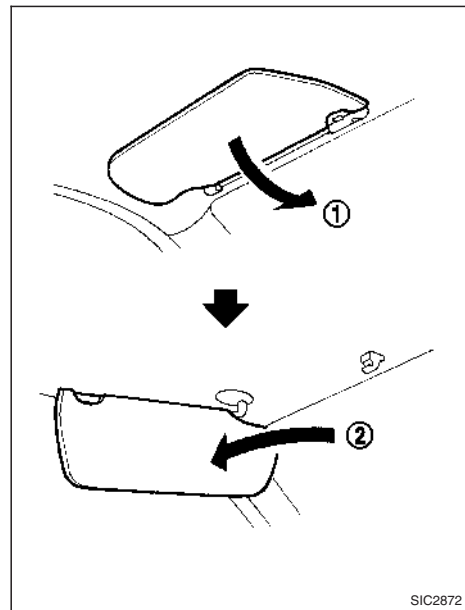
**Be sure to latch the partition in position after opening or closing it.**

1. Fold the front passenger's seat by pulling the reclining lever (A).
2. Pull up the lever (B) located on the front passenger's seat side to release the partition support.
3. Fold the partition toward the front of the vehicle.
4. Pull down the lever and fit the partition support into the hole (C) on the front passenger's seat back.

### PARTITION PANEL (where fitted)



## SUN VISORS



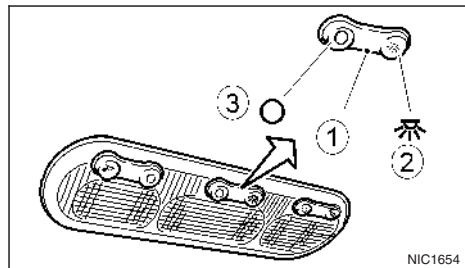
1. To block out glare from the front, swing down the sun visor ①.
2. To block glare from the side, remove the sun visor from the centre mount and swing it to the side ②.

## INTERIOR LIGHTS

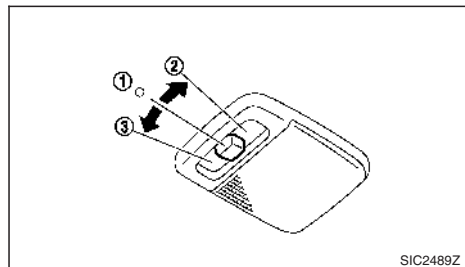
### CAUTION

- Do not leave the light switch on when the power switch is in the OFF position for extended periods of time to prevent the battery from being discharged.
- Turn off the lights when leaving the vehicle.

### ROOM LIGHT



Type A



Type B (where fitted)

The room light has a three-position switch.

### Position Lighting

- |   |                                      |
|---|--------------------------------------|
| ① | Light comes on when a door is opened |
| ② | Light is always on                   |
| ③ | Light remains off                    |

In the switch position ①, the interior light timer will keep the room light on for a period of time when:

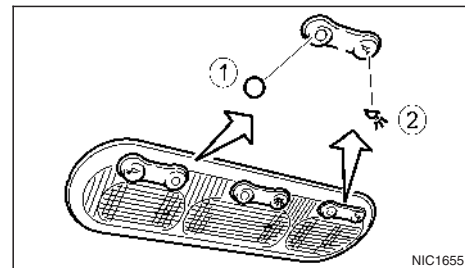
- The power switch is placed in the OFF or LOCK position.
- The doors are unlocked.
- Any door is opened. When the door is closed, the light turns off.

The interior light timer will be cancelled and the light turns off when:

- The doors are locked.
- The power switch is placed in the ON position.

### Battery saver system

If any door is left open for a period of time with the room light switch in the door position ①, the room light will automatically turn off.

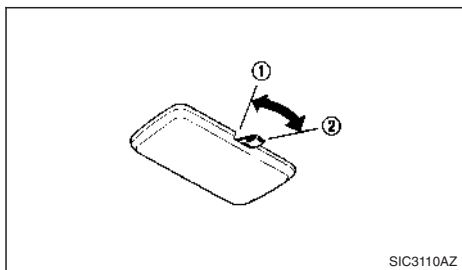


### Map lights (where fitted)

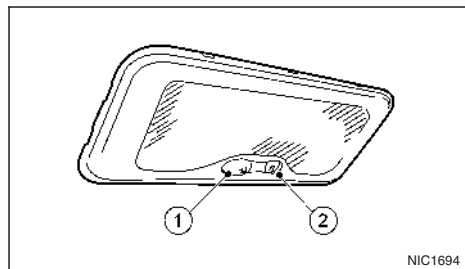
To turn on the map light, press ② of the switch.

To turn off, press ①.

## REAR COMPARTMENT LIGHT



Type A



Type B (where fitted)

When the switch is in the ON position ①, the light illuminates while the back door is opened.

The interior light timer will keep the light on for a period of time when:

- The power switch is placed in the OFF or LOCK position.
- The doors are unlocked.

- Any door is opened. When the door is closed, the light turns off.

The interior light timer will be cancelled and the light turns off when:

- The doors are locked.
- The power switch is turned to the ON position.

When the switch is in the OFF position ②, the light does not illuminate, regardless of the condition.

### Battery saver system

If any door is left open for a period of time with the rear compartment light switch in the ON position ①, the light will automatically turn off.



# 3 Pre-driving checks and adjustments

Keys .....	3-2	NISSAN Anti-Theft System (NATS) .....	3-14
Intelligent Key .....	3-2	Bonnet.....	3-15
Doors locks .....	3-3	Back door.....	3-15
Super Lock System (where fitted).....	3-3	Locking or unlocking back door .....	3-15
Front door .....	3-4	Tailgate.....	3-16
Sliding door .....	3-5	Double cargo doors.....	3-16
Locking with power door lock switch (where fitted).....	3-6	Charge port lid.....	3-17
Intelligent Key system.....	3-6	Charge port cap.....	3-17
Intelligent Key operating range.....	3-7	Tilt steering wheel column .....	3-18
Door locks/unlocks precaution .....	3-8	Tilt operation.....	3-18
Intelligent Key operation.....	3-8	Mirrors .....	3-18
Warning signals.....	3-10	Inside rear view mirror (where fitted) .....	3-18
Troubleshooting guide .....	3-11	Outside rear view mirrors.....	3-19
Using remote keyless entry function.....	3-12	Parking brake.....	3-20
Security system.....	3-14	Lever type.....	3-20

## KEYS

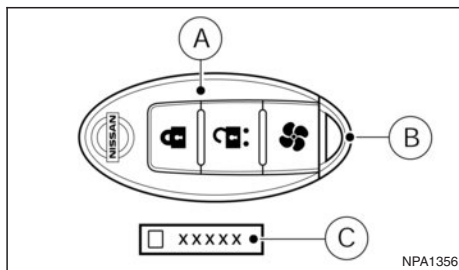
A key number plate is supplied with your keys. Record the key number and keep it in a safe place (such as your wallet), not in the vehicle. If you lose your keys, see a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for duplicates by using the key number. NISSAN 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, this key can be duplicated by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

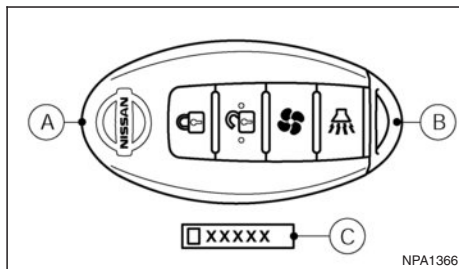
### NOTE

**Do not leave the keys inside the vehicle when leaving the vehicle.**

## INTELLIGENT KEY



Type A



Type B

- Ⓐ Intelligent Key
- Ⓑ Mechanical key (inside Intelligent Key)
- Ⓒ 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer prior to use with the Intelligent Key system and 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 a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. It is possible that the Intelligent Key functions became cancelled. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

\*:Immobilizer

### CAUTION

- **Be sure to carry the Intelligent Key with you. Do not leave it inside the vehicle.**
- **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.**
  - **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 magnetic key holder.**

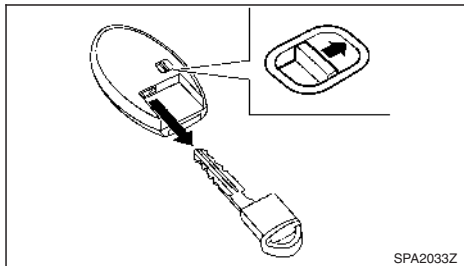
- Do not place the Intelligent Key near an electric appliance such as a television set, personal computer or mobile phone.
- Do not allow the Intelligent Key to come into contact with water or salt water, and do not wash it in a washing machine. This could affect the system function.
- If an Intelligent 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, please contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

Use the mechanical key to lock or unlock the doors. (See "Doors locks" later in this section.)

#### CAUTION

Always carry the mechanical key installed in the Intelligent Key.

#### 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.

## DOORS LOCKS



#### WARNING

- Always have the doors locked while driving. Along with the use of seat belts, this provides greater safety in the event of an accident by helping to prevent persons from being thrown from the vehicle. This also helps keep children and others from unintentionally opening the doors, and will help keep out intruders.
- Before opening any door, always look for and avoid oncoming traffic.
- Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.

#### 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 front door handle/tailgate/double cargo doors request switch will lock all doors, including the tailgate/double cargo doors, and activate the Super Lock System. 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 door handle/tailgate/double cargo doors request switch.

The Super Lock System will not activate when the doors are locked with the power door lock switch or the key.

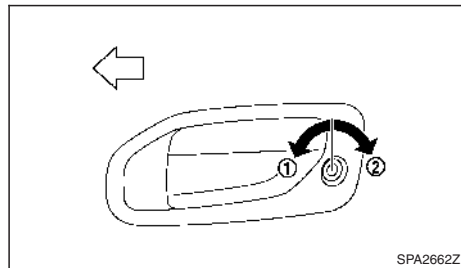
### Emergency situations

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 the door can be opened.

## FRONT DOOR

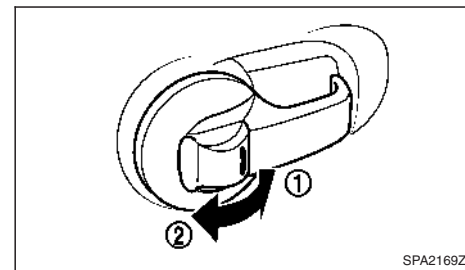
### Locking/unlocking with the mechanical key



To lock the door, insert the key to the door key cylinder (driver's side) and turn the key towards the front side of the vehicle ①. The corresponding door will lock.

To unlock the door, turn the key towards the rear of the vehicle ②. The corresponding door will unlock.

## Inside door handle



Type A

### Type A:

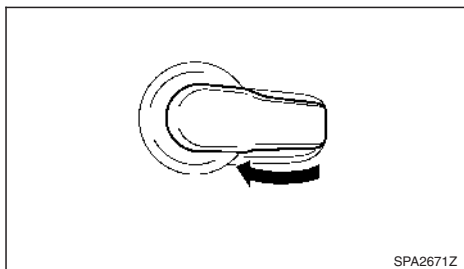


### WARNING

**When locking the doors using the inside lock knob, be sure not to leave the key in the vehicle.**

To lock the door, push the inside lock knob ① to the lock position, and then close the door.

To unlock the door, push the inside lock knob to the unlock position ②.



Type B

#### Type B:




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

#### NOTE

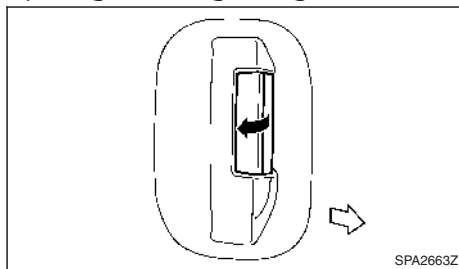
The doors can not be opened by using the inside door handle when the Super Lock System (where fitted) is activated.

### SLIDING DOOR

The sliding door can be locked or unlocked with one of the following operations.

- Push the LOCK (  ) or UNLOCK (  ) button on the Intelligent Key. In selective unlock mode, push the  button twice to unlock the sliding door.
- Push any of the request switches. (See "Intelligent Key system" later in this section.) In selective unlock mode, the request switch needs to be pushed twice to unlock the sliding door.
- Push the power door lock switch to the lock or unlock position.

### Opening or closing sliding door

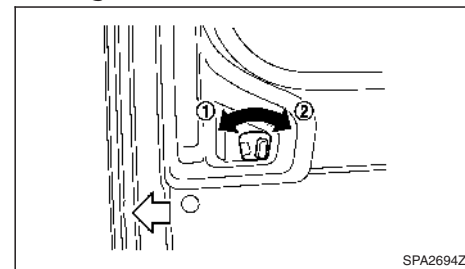


Operate the sliding door by pulling the door handle.

#### CAUTION

- Always use the door handle to open or close the sliding door. Do not attempt to open or close the door by merely placing your hand on the door edge or door slide roller as this may cause injury.
- When opening the door on a slope, ensure that it is fully open and that it does not close by itself.

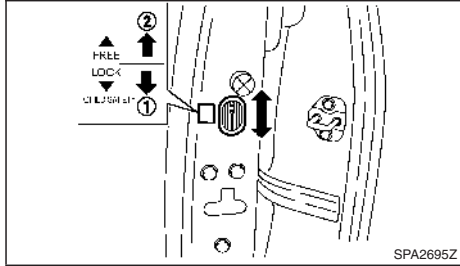
### Locking with inside lock knob



To lock or unlock the sliding door, move the inside lock knob to the LOCK ① or UNLOCK ② position.

To lock from the outside without a key, move the lock knob to the LOCK position ①, then close the door.

## Child safety sliding door lock (where fitted)

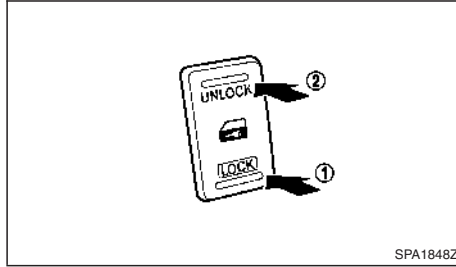


The child safety sliding door lock helps prevent sliding doors from being opened accidentally, especially when small children are in the vehicle.

When the lever is in the LOCK position ①, the child safety sliding door lock engages and the sliding door can only be opened by the outside door handle.

To disengage, move the lever to the unlock position ②.

## LOCKING WITH POWER DOOR LOCK SWITCH (where fitted)



### CAUTION

**When locking the doors using the power door lock switch, be sure not to leave the key in the vehicle.**

The power door lock switch, located on the centre console, can be used to LOCK ① or UNLOCK ② all doors including the tailgate/double cargo doors simultaneously from inside the vehicle.

The switch will illuminate when the doors are locked.



### WARNING

**When the Super Lock System (where fitted) is activated, it is not possible to operate the power door lock switch.**

### Lockout protection

The power door lock switch will not lock the doors when the Intelligent Key is inside the vehicle and any door is opened.



### 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 and the tailgate/double cargo doors lock by using the integrated key fob function or pushing a 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 items 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 communicating with the vehicle using 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 or broadcasting station.
- When in possession of wireless equipment, such as a mobile phone, transceiver or 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 Intelligent Key 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.

For information regarding replacement of a battery, see "Battery" in the "8. Maintenance and do-it-yourself" section.

When the Intelligent Key battery is almost discharged, firmly apply the footbrake and touch the power switch with the Intelligent key. Then push the power switch while depressing the brake pedal within 10 seconds after the chime sounds. For details, see "Intelligent Key battery discharge" in the "5. Starting and driving" section.

Pay special attention that the vehicle battery is not completely discharged.

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, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

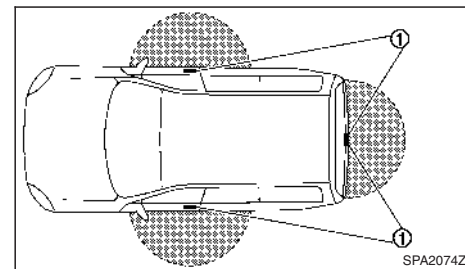
#### CAUTION

- **Do not allow the Intelligent Key, which contains electrical components, to come into contact with water or salt water. This could affect the functioning of the system.**
- **Do not drop the Intelligent Key.**
- **Do not strike the Intelligent Key sharply against another object.**
- **Do not change or modify the Intelligent Key.**
- **The Intelligent Key may be damaged if it gets wet. If the Intelligent Key gets wet, immediately wipe until it is completely dry.**
- **Do not place the Intelligent Key for an extended period in an area where temperatures exceed 60°C (140°F).**
- **If the outside temperature is below -10°C (14°F), the Intelligent Key may not function properly.**
- **Do not attach the Intelligent Key to 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 computer or mobile phone.**
- **Make sure the Intelligent Key battery is in good condition. Note that battery life may vary depending on condition, amount of use, ambient temperature, etc.**

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, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

The Intelligent Key function can be disabled. For information about disabling the Intelligent Key function, contact a knowledgeable electric vehicle repairer such as 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 request switch ①.

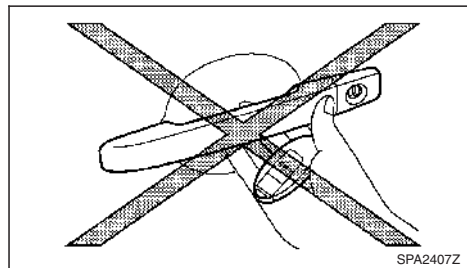
When the Intelligent Key battery is discharged or strong radio waves are present near the operating location, the Intelligent Key system's operating range becomes narrower, and the Intelligent Key may not function properly.

The operating range is within 80 cm (31.50 in) from each request switch ①.

If the Intelligent Key is too close to the door glass, handle or rear bumper, the request switches 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 push the request switch to lock/unlock the doors including the tailgate/double cargo doors.

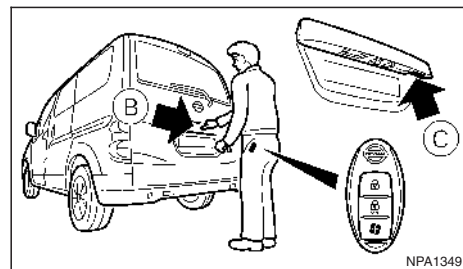
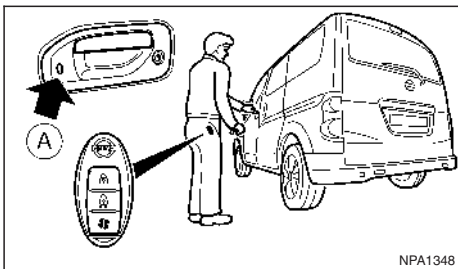
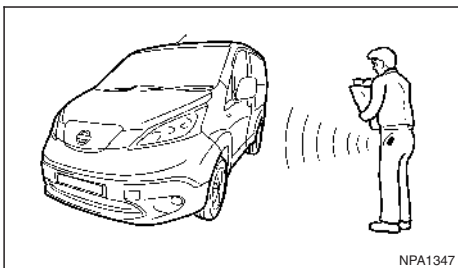
## DOOR LOCKS/UNLOCKS PRECAUTION



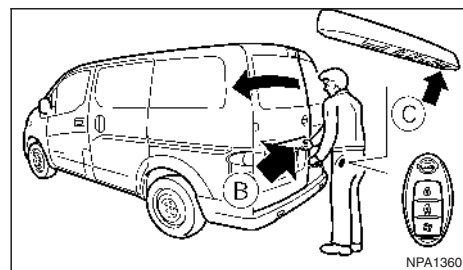
- Do not push the door handle request switch with the Intelligent Key held in your hand as illustrated. The close distance to the door handle will cause the Intelligent Key system to have difficulty recognising that the Intelligent Key is outside the vehicle.
- After locking with the door handle request switch, verify the doors are securely locked by operating the door handles.

- 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 pushing the door handle request switch. The door will be unlocked but will not open. Release the door handle once and pull it again to open the door.

## INTELLIGENT KEY OPERATION



Tailgate



Double cargo doors

- Ⓐ Door handle request switch
- Ⓑ Tailgate/Double cargo doors request switch (where fitted)
- Ⓒ Tailgate/Double cargo doors opener switch (where fitted)

## Request switch

You can lock or unlock the doors without taking the key out of your pocket or bag.

When the Intelligent Key is within the range of op-



eration, you can lock or unlock all doors by pushing the door handle request switch on driver's or front passenger's door (A) or the tailgate/double cargo doors (B) (where fitted).

The request switch will not function under the following conditions:

- When the Intelligent Key is left inside the vehicle.
- When the Intelligent Key is not within the operational range.
- When the Intelligent Key battery is discharged.
- When the doors are open or not closed securely.
- When the power switch is in the ACC or ON position (where fitted).

## Locking doors

1. Place the power switch in the OFF position and make sure you have the Intelligent Key with you (see NOTE \*1).
2. Close all doors (including the tailgate/double cargo doors) (see NOTE \*2).
3. Push the door handle request switch on the driver's or front passenger's door (A) or the tailgate/double cargo doors request switch (B) (where fitted) while carrying the Intelligent Key with you (see NOTE \*3).
  - All the doors and the tailgate/double cargo doors will lock.
  - Hazard indicator lights flash once for confirmation.

### NOTE

**If the Intelligent Key is left in the vehicle and the request switch is pressed, a chime will sound to warn that the Intelligent Key has been left inside the vehicle.**

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

### NOTE

**\*1: Doors will not lock with the Intelligent Key while the power switch is in the ACC or ON position.**

**\*2: Doors will not lock with the Intelligent Key while any door is open.**

**\*3: Doors will not lock by pushing the door handle request switch when the Intelligent Key is left inside the vehicle. However, when an Intelligent Key is inside the vehicle, doors can be locked with another registered Intelligent Key.**

### CAUTION

- After locking the door using the request switch, make sure that the doors have been securely locked by operating the door handles.
- When locking the doors using the request switch, make sure to have the Intelligent Key in your possession before operating the request switch to prevent the Intelligent Key from being left in the vehicle.
- The request switch is operational only when the Intelligent Key has been detected by the Intelligent Key system.

### Lockout protection:

To prevent the Intelligent Key from being accidentally locked in the vehicle, lockout protection is equipped with the Intelligent Key system.

- When the Intelligent Key is left in the vehicle and you try to lock the door using the power door lock switch after getting out of the vehicle, all the doors will unlock automatically and a chime will sound after the door is closed.
- When the Intelligent Key is left in the vehicle while the driver's door is opened and you try to lock the door using the power door lock switch after getting out of the vehicle, all the doors will unlock automatically after the power door lock switch is operated.

### CAUTION

**The lockout protection may not function under the following conditions:**

- When the Intelligent Key is placed on top of the instrument panel.
- When the Intelligent Key is placed on the tonneau cover (where fitted).
- When the Intelligent Key is placed inside of the glove box.
- When the Intelligent Key is placed inside of the door pockets.
- When the Intelligent Key is placed inside or near metallic materials.

The lockout protection may function when the Intelligent Key is outside the vehicle but is too close to the vehicle.

## Unlocking doors

### All door unlock mode:

As default, the door unlock mode is set to unlock all the doors with one push on the door handle request switch.

1. Carry the Intelligent Key.
2. Push the door handle request switch (driver's or front passenger's) **A** or the tailgate/double cargo doors request switch **B** (where fitted) once while carrying the Intelligent Key with you.
  - All doors and the tailgate/double cargo doors will be unlocked.
  - Hazard indicator lights flash twice.

### Selective door unlock mode (where fitted):

A selective unlock mode allows the remote unlocking of only the driver's door to prevent an attacker from entering the vehicle via an unlocked passenger door.



1. Carry the Intelligent Key with you.
2. Push the door handle request switch (driver's or front passenger's) **A** or the tailgate/double cargo doors request switch **B** (where fitted) once while carrying the intelligent Key with you.
  - The corresponding door will be unlocked.
  - Hazard indicator lights flash twice quickly.
3. Open the corresponding door.

4. To unlock all other doors, if necessary:

Push the door handle request switch (driver's or front passenger's) **A** or the tailgate/double cargo doors request switch **B** (where fitted) again within 5 seconds.

- All doors will be unlocked.
- Hazard indicator lights flash twice slowly.

### Switching door unlock mode:

To switch between all doors unlock mode and selective door unlock mode, push the "LOCK"  and "UNLOCK"  buttons on the Intelligent Key simultaneously for more than 4 seconds. For details, see "Switching door unlock mode" later in this section.

### Automatic relock:

The automatic-relock function will operate for a period of time after a full or partial unlock, if no further user action is taken.

The function will be cancelled when one of the following operations is performed within that period of time:

- Opening any door
- Pushing the power switch


## WARNING SIGNALS

To help prevent the vehicle from moving unexpectedly by erroneous operation of the Intelligent Key or to help prevent the vehicle from being stolen, an audible reminder sounds inside and outside the vehicle and a warning message displays in the vehicle information display.

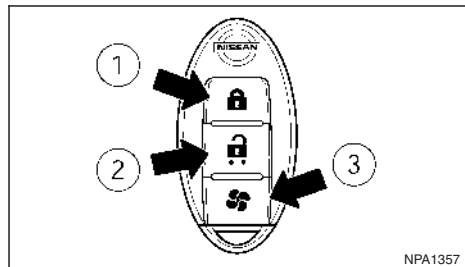
When a chime or beep sounds or a warning message displays, be sure to check the vehicle and Intelligent Key.

See "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section, "Vehicle information display" in the "2. Instruments and controls" section and "Troubleshooting guide" later in this section.

## TROUBLESHOOTING GUIDE

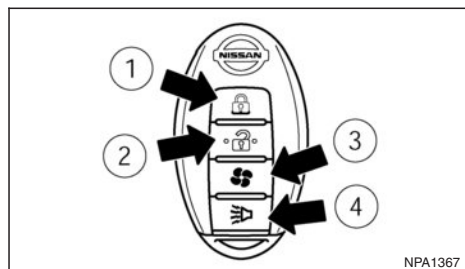
Symptom		Possible cause	Action to take
When opening the driver's door to get out of the vehicle.	The inside warning chime sounds continuously.	The power switch is pushed to the OFF position while the driver's door is open.	Close the driver's door.
		The power switch is in the ACC position.	Push the power switch to the OFF position then close the driver's door.
When closing the door after getting out of the vehicle.	The [Key is not detected] warning message 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 ACC or ON position.	Push the power switch to the OFF position.
	The outside chime sounds continuously.	The power switch is in the ACC or 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.	Confirm the parking brake is applied.
When closing the door with the inside lock knob (where fitted) 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 pushing the request switch or the  button on the Intelligent Key to lock the door.	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 "Battery" in the "8. Maintenance and do-it-yourself" section.)
	The [Key is not detected] warning message 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 light appears on the display.	It warns of a malfunction with the Intelligent Key system.	Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## USING REMOTE KEYLESS ENTRY FUNCTION



Type A

NPA1357



Type B

NPA1367

① "LOCK" button

② "UNLOCK" button

③ Climate control button

④ Panic button (where fitted)

It is possible to lock/unlock all doors including the tailgate/double cargo doors using the remote keyless entry system. The operating distance depends

upon the conditions around the vehicle. To securely operate the lock and unlock buttons, approach the vehicle to about 1 m (3.3 ft) from the door.

The remote keyless entry system will not function under the following conditions:

- When the Intelligent Key is not within the operational range.
- When the Intelligent Key battery is discharged.

For details about Intelligent Key battery replacement, see "Battery" in the "8. Maintenance and do-it-yourself" section.



### 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 doors

1. Place the power switch in the OFF position and make sure you have the Intelligent Key with you when exiting the vehicle.

2. Close all doors (including the tailgate/double cargo doors).

3. Push the button ① on the Intelligent Key.

- All the doors and the tailgate/double cargo doors will lock.
- Hazard indicator lights flash once for confirmation.

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

### CAUTION

**After locking the doors using the Intelligent Key, be sure that the doors have been securely locked by operating the door handles.**

### Unlocking doors

#### All doors unlock mode:

As default, the door unlock mode is set to unlock all the doors with one push on the button ②.

Push the button on the Intelligent Key.

- All doors (including the tailgate/double cargo doors) will be unlocked.
- Hazard indicator lights flash twice.


#### Selective door unlock mode:

Selective door unlock mode allows the remote unlocking of only the driver's door to prevent an attacker from entering the vehicle via an unlocked passenger door.

1. Push the button on the Intelligent Key.





- The driver's door unlocks.
- Hazard indicator lights flash twice quickly.

2. Open the driver's door.

3. Push the  button on the Intelligent Key again (if necessary):
  - All doors (including the tailgate/double cargo doors) will be unlocked.
  - Hazard indicator lights flash twice slowly.

#### Switching door unlock mode:

Follow the instructions below to switch between all doors unlock mode and selective door unlock mode.


1. Place the power switch in the LOCK position, exit the vehicle and close all doors.
2. From outside the vehicle, lock the doors using  button.
3. Push and hold both the  and  buttons on the Intelligent Key at least for 4 seconds.
  - When the selective door unlock mode is set, the hazard indicator lights flash once.
  - When the all door unlock mode is set, the hazard indicator lights flash 3 times.
4. Push  button to activate the mode.

#### Automatic relock:


The automatic-relock function will operate for a period of time after a full or partial unlock, if no further user action is taken.

The function will be cancelled when one of the following operations is performed within that period of time:

- Opening any door
- Pushing the power switch


If during this time period, the  on the Intelligent Key is pushed, all doors will be locked automatically after another 30 seconds.

#### Remote Climate Control (where fitted) button

The climate control can be operated remotely by pushing the remote climate (  ) button ③ on the Intelligent Key. For details, see "Charging status indicator lights" in the "CH. Charging" section.


The climate control can be operated when the power switch is in OFF position.

- Starting the climate control system:

Push the  button for more than 1 second.


The hazard indicator flashes once and the climate control will operate.

The charging status indicator light flashes while the Remote Climate Control operates. See "Remote Climate Control (where fitted)" in the "4. Display screen, heater and air conditioner, and audio system" section.
- Stopping the climate control system:

Push the  button for more than 1 second again.

#### Panic alarm button (where fitted)

If you are near your vehicle and feel threatened, you may activate the alarm to call attention as follows:

1. Push the PANIC (  ) button ④ on the Intelligent Key for more than 1 second.
2. The theft warning alarm will sound for 25 seconds.

3. The panic alarm stops when:

- It has run for 25 seconds, or
- Any of the buttons on the Intelligent Key are pushed.

#### NOTE

The  button should be pushed for more than 1 second

# SECURITY SYSTEM

Your vehicle is equipped with the NISSAN Anti-theft System (NATS)\*.

(\* immobilizer)

## NISSAN ANTI-THEFT SYSTEM (NATS)

The NISSAN Anti-Theft System (NATS) will not allow the electric vehicle system to start without the use of the registered NATS Intelligent Key.

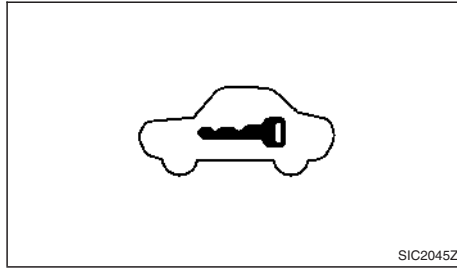
If the electric vehicle system fails to start using the registered key, it may be due to interference caused by:

- Another NATS key, integrated key fob or Intelligent Key.
- Automated toll road device.
- Automated payment device.
- Other devices that transmit similar signals.

Restart the electric vehicle system using the following procedure:

1. Remove any items that may be causing the interference away from the key.
2. Leave the power switch in the ON position for approximately 5 seconds.
3. Place the power switch in the OFF or LOCK 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 interferences are 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.



## Security indicator light

The security indicator light is located on the meter panel. It indicates the status of NATS.

The light operates whenever the power switch is in the LOCK, OFF or ACC position. The security indicator light indicates that the security systems on the vehicle are operational.

If NATS is malfunctioning, this light will remain on while the power switch is in the ON position.

**If the light remains on and/or the power switch cannot be placed in the READY to drive position, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for NATS service as soon as possible. Be sure to bring all keys that you have when visiting a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for service.**

For Right-Hand Drive (RHD) models:

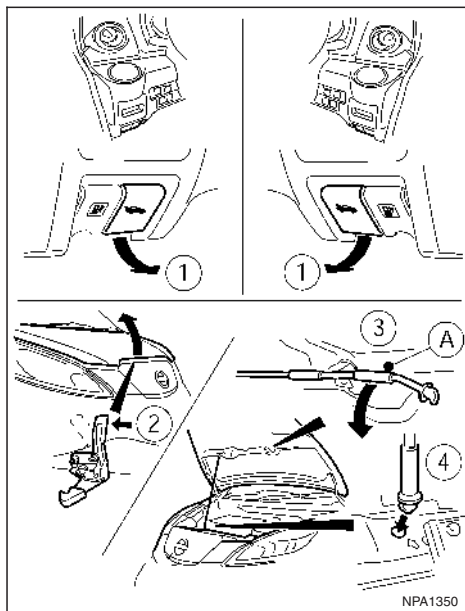
If NATS is malfunctioning, the security indicator light will illuminate when the power switch is in the ON position. However, if the security indicator light turns off after 15 minutes, you can place the power switch in the READY to drive position once. See a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer as soon as possible.

## BONNET



### WARNING

- Make sure that the bonnet is completely closed and latched before driving. Failure to do so could cause the bonnet to open during driving and result in an accident.
- If steam or smoke is emitting from the motor compartment, do not open the bonnet. Doing so could cause an injury.



When opening the bonnet:

Hold the coated part **A** of the support rod. Avoid direct contact with the metal parts because they may be hot immediately after the electric vehicle system has been stopped.

1. Pull the bonnet release handle **1** located below the instrument panel. The bonnet will then spring up slightly.
2. Locate the lever **2**, and push the lever sideways with your fingertips.
3. Raise the bonnet.
4. Remove the support rod **3** from the bonnet and insert it into the slot **4**.

When closing the bonnet:

### CAUTION

Before closing the bonnet, make sure to release the support rod and store it in the original position. Otherwise the support rod will be damaged.

1. While supporting the bonnet, return the support rod to its original position.
2. Slowly lower the bonnet to about 20 – 30 cm (8 – 12 in.) above the bonnet lock, then let it drop.
3. Make sure the bonnet is securely latched.

## BACK DOOR



### WARNING

- Make sure the back door has been closed securely to prevent it from opening while driving.
- Do not drive with the back door open.



### CAUTION


- Before fully opening the back door (tailgate or double cargo doors) and to avoid an accident, always visually check for oncoming traffic or pedestrians.
- Before opening the back door (tailgate or double cargo doors), be sure to clear away snow, ice or dust that may be stuck to the back door. If the back door is opened while materials are still stuck to it, it may suddenly close again due to the weight of these materials.
- Always be sure to fully open the back door. If it is not fully opened, it may close suddenly.
- Be especially careful when opening the back door in strong wind. The back door could be caught by a gust of wind and may close suddenly.

Park the vehicle in a safe and level place. Make sure that the area is clear of obstacles and there is enough clearance around the back doors.

## LOCKING OR UNLOCKING BACK DOOR

The back door can be locked or unlocked with one of the following operations.

- Push the “LOCK”  or “UNLOCK”  button on the Intelligent Key. (See “Intelligent Key system” earlier in this section.)

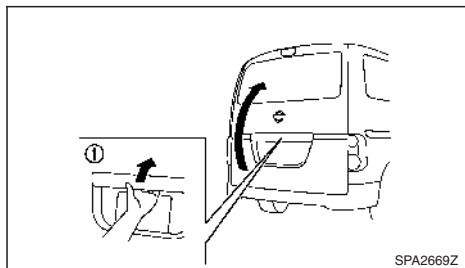
In the selective unlock mode, the  button needs to be pushed twice to unlock the back door.

- Push any of the request switches (where fitted). (See “Intelligent Key system” earlier in this section.)

In the selective unlock mode, the request switch needs to be pushed twice to unlock the back door.

- Push the power door lock switch to the lock or unlock position.

## TAILGATE



## Opening back door

Pull the back door opener handle (1) and lift up the back door to fully open.

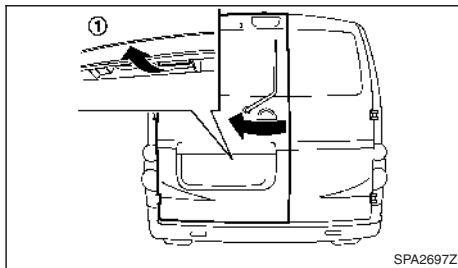
To close the back door, pull down until it securely locks.

## DOUBLE CARGO DOORS

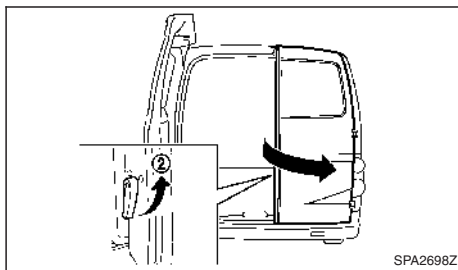
The right-side back door cannot be opened when the left-side back door is closed.

When closing the back doors, be sure to close the right-side door before closing the left-side door.

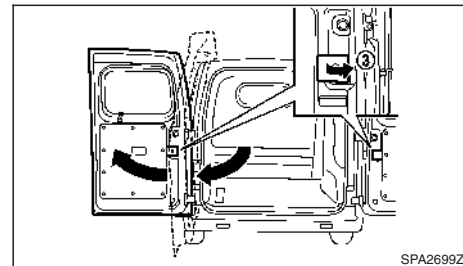
### Opening back door from outside



1. Pull the back door opener handle (1) to open the left-side back door.



2. To open the right-side back door, pull the lever (2) located on the lower side of it.



3. To fully open the back door (180-degrees), pull the lever (3) located on the inside of each back door. The back doors are not designed to be latched in their fully open positions.

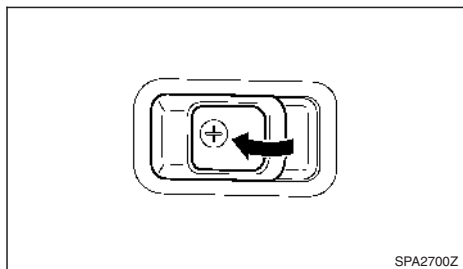
**Park the vehicle in a safe and level place. Make sure that the area is clear of obstacles and there is enough clearance around the back doors.**

### CAUTION

**When closing the back doors, be sure to close the right-side door before closing the left-side door.**

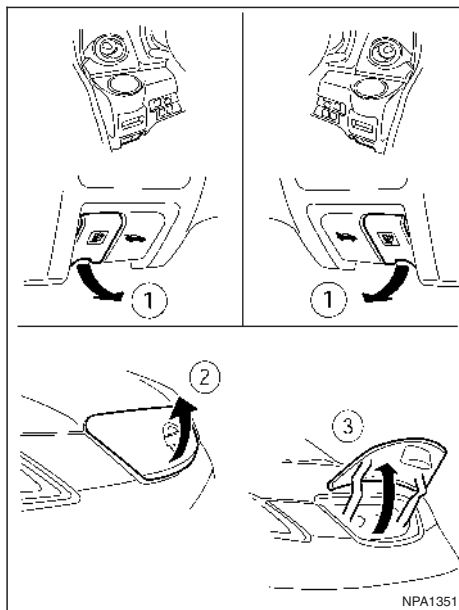


## CHARGE PORT LID



### Opening back door from inside

To open the back door from the inside of the vehicle, pull the inside handle on the left-side back door.



1. Pull the charge port lid release handle ① located below the instrument panel. The lid will then spring up slightly.
2. Open the lid to the fully open position.

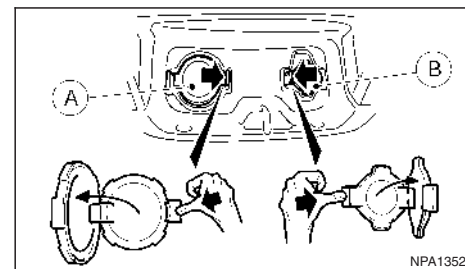
### CAUTION

**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.**

To close the charge port lid:

1. Slowly move the lid down.
2. Lock it securely into place.

### CHARGE PORT CAP



- Ⓐ Quick charge port
- Ⓑ Normal charge port

Press the latch to open the cap. When closing the charge port cap, 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.**

## TILT STEERING WHEEL COLUMN

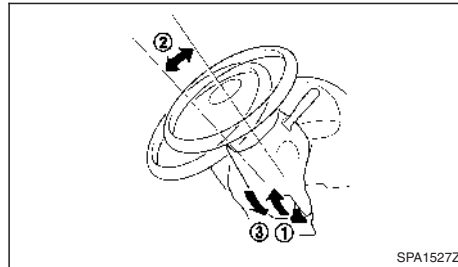
- Pay particular attention when using the normal charge port as the charge port lid can be closed even when the normal charge port cap is open.
- Close the charge port cap before closing the charging lid. The charge port cap can be damaged if it is open when closing the charge port lid.



### WARNING

Do not adjust the steering wheel while driving. You could lose control of your vehicle and cause an accident.

### TILT OPERATION



Release the lock lever up ① and adjust the steering wheel to the desired position (up or down) ②.

Firmly push the lock lever ③ back into position to lock the steering wheel in place.

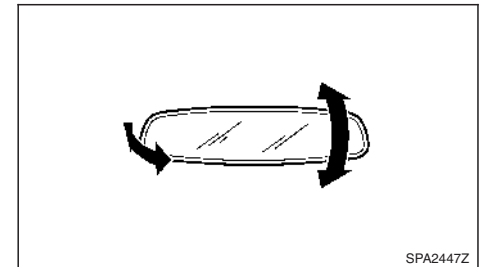
## MIRRORS



### WARNING

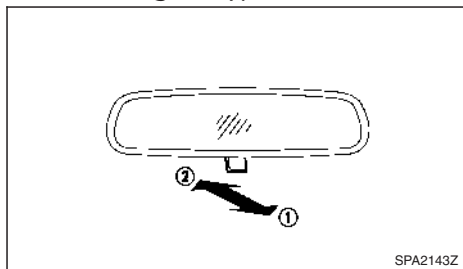
Adjust the position of all mirrors before driving. Do not adjust the mirror positions while driving so that full attention may be given to vehicle operation.

### INSIDE REAR VIEW MIRROR (where fitted)



While holding the inside rear view mirror, adjust the mirror angles until the desired position is achieved.

## Manual anti-glare type (where fitted)



Pull the adjusting lever ① when the glare from the headlights of the vehicle behind you obstructs your vision at night.

Push the adjusting lever ② during the day for the best rearward visibility.

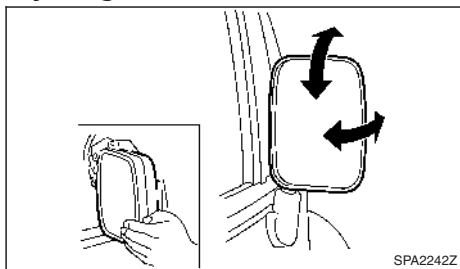
## OUTSIDE REAR VIEW MIRRORS



### WARNING

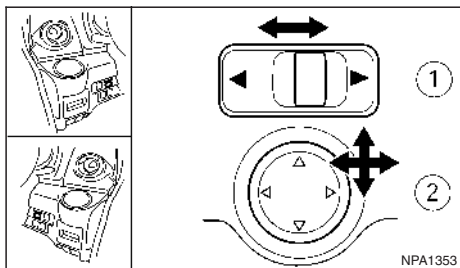
- **Never drive the vehicle with the outside rear view mirrors folded. This reduces rear view visibility and may lead to an accident.**
- **Objects viewed in the outside mirror are closer than they appear.**
- **The picture dimensions and distance in the outside mirrors are not real.**

## Adjusting



### Manual control type:

The outside mirror can be moved in any direction for a better rear view.



### Remote control type (where fitted):

The outside rear view mirror remote control operates when the power switch is in the ACC or ON position.

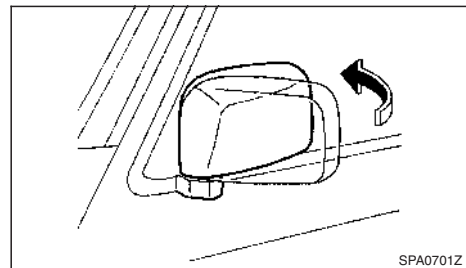
1. Move the switch ① to select the right or left mirror.

2. Adjust each mirror by using the switch ② until the desired position is achieved.



### WARNING

**Never touch the outside rear view mirrors while they are in motion. Doing so may pinch your fingers or damage the mirror.**



## Folding

Fold the outside rear view mirror by pushing it towards the rear of the vehicle.

## Defogging (where fitted)

The outside rear view mirrors will be heated when the rear window defogger switch is operated.

## PARKING BRAKE



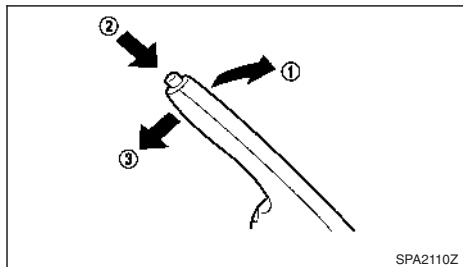
### WARNING

- **Do not start driving with the parking brake applied, this may cause the parking brake to overheat or reduce its effectiveness which could result in an accident.**
- **Do not release the parking brake from outside the vehicle.**
- **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.**

To release the parking brake, firmly depress and hold the footbrake pedal. Pull up the parking brake lever slightly, push the button ② and lower the lever completely ③.

Before driving, be sure that the brake warning light has turned off.

### LEVER TYPE



To apply the parking brake, pull the parking brake lever up ①.

# 4 Display screen, heater and air conditioner, and audio system

Safety precautions.....	4-2	Audio system (where fitted).....	4-24
Rear view monitor (where fitted).....	4-2	Audio operation precautions.....	4-24
Rear view monitor (Type A or B).....	4-2	AUXILIARY (AUX/USB) socket.....	4-29
Rear view monitor (Type C).....	4-5	Antenna.....	4-29
Camera settings.....	4-7	FM AM radio with CD player (where fitted).....	4-30
Vents.....	4-8	NISSAN Connect™ (where fitted).....	4-42
Centre vents.....	4-8	Audio and navigation system (where fitted).....	4-42
Side vents.....	4-8	Mobile phone integration (FM-AM radio with CD	
Rear vents.....	4-8	player).....	4-42
Heater and air conditioner.....	4-9	Bluetooth® mobile phone feature.....	4-42
Automatic climate control (Type A).....	4-11	Hands-free telephone control.....	4-43
Automatic climate control (Type B).....	4-16	Steering wheel switches for audio and phone	
Rear cooler (where fitted).....	4-22	control.....	4-45
Operating tips.....	4-23	Audio control.....	4-45
Air conditioner filter.....	4-23	Phone control buttons.....	4-46
Servicing climate control.....	4-24	Car phone or CB radio.....	4-47

## SAFETY PRECAUTIONS



### 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 a knowledgeable electric vehicle 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 running for extended periods of time to prevent battery discharge.

## REAR VIEW MONITOR (where fitted)

When the shift lever is moved into the R (Reverse) position, the monitor display shows view to the rear of the vehicle.

The system is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle. The system will not detect small objects below the bumper and may not detect objects close to the bumper or on the ground.



### WARNING

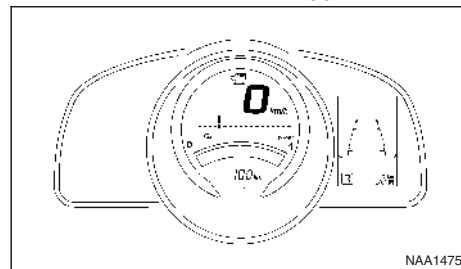
- The rear view camera is a convenience but it is not a substitute for proper reversing. Always turn and check that it is safe to do so before reversing. Always reverse slowly.
- Objects viewed in the rear view monitor differ from actual distance because a wide-angle lens is used.
- Objects viewed in the rear view monitor appear visually opposite, just like ones viewed in the inside and outside rear view mirrors.
- Make sure that the back door (or double cargo doors) is securely closed when reversing.
- Underneath the bumper and the corner areas of the bumper cannot be viewed on the rear view monitor because of its monitoring range limitation.
- 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.

### CAUTION

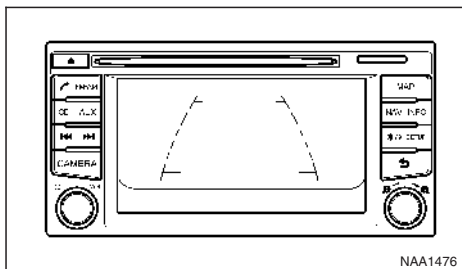
There is a plastic cover over the camera. Do not scratch the cover when cleaning dirt or snow from the cover.

### REAR VIEW MONITOR (Type A or B)



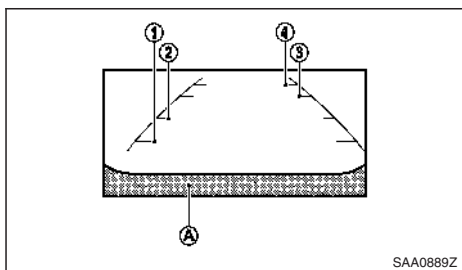
NAA1475

Type A



Type B

NAA1476



SAA0889Z

### How to read the displayed guide lines



#### WARNING

- The distance between objects viewed in the rear view may differ from the actual distance. Objects in the rear view will appear visually opposite from those viewed in the inside and outside mirrors.

- On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.
- The displayed lines on the rear view will appear slightly off to the right because the rear view camera is not installed in the rear centre of the vehicle.

Guiding lines which indicate the vehicle width and distances to objects with reference to the bumper line (A) are displayed on the monitor.

Indicate distances from the bumper.

- Red line ①: approx. 0.5 m (1.5 ft)
- Yellow line ②: approx. 1 m (3 ft)
- Green line ③: approx. 2 m (7 ft)
- Green line ④: approx. 3 m (10 ft)

### Difference between predicted and actual distances



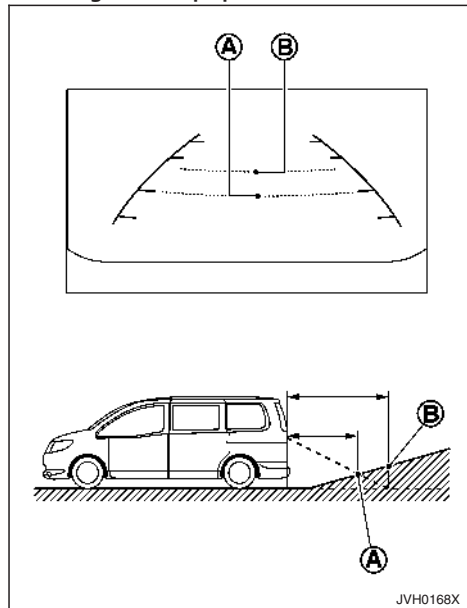
#### WARNING

- Use the displayed guide lines as a reference. The lines are highly affected by the number of occupants, cargo, vehicle position, road condition and road grade. Always check with your eyes directly around the vehicle while reversing.
- 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.

- When reversing the vehicle up a hill, objects viewed in the monitor are further than they appear. When reversing the vehicle down a hill, objects viewed in the monitor are closer than they appear. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.

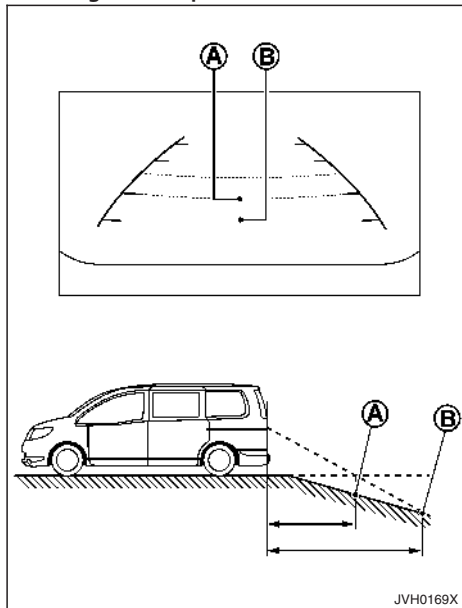
The distance guide line and the vehicle width guide line on the rear view should be used as a reference only when the vehicle is on a level, paved surface. The distance viewed on the monitor is for reference only and may be different from the actual distance between the vehicle and displayed objects.

#### Reversing on a steep uphill:



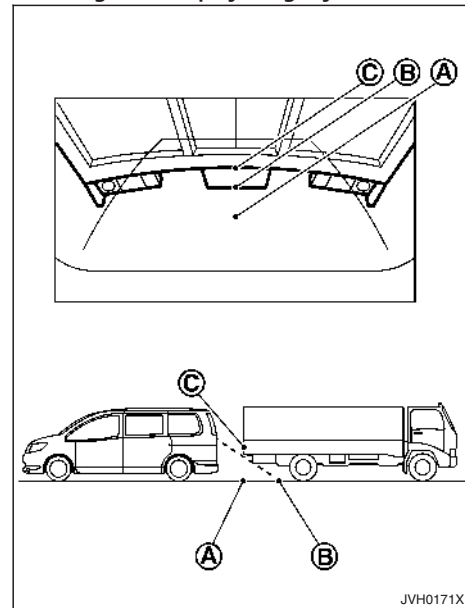
When reversing the vehicle up a hill, the distance guide lines and the vehicle width guide lines are shown closer than the actual distance. For example, the display shows 1 m (3 ft) to the place (A), but the actual 1 m (3 ft) distance on the hill is the place (B). Note that any object on the hill is viewed in the monitor further than it appears.

#### Reversing on a steep downhill:



When reversing the vehicle down a hill, the distance guide lines and the vehicle width guide lines are shown further than the actual distance. For example, the display shows 1 m (3 ft) to the place (A), but the actual 1 m (3 ft) distance on the hill is the place (B). Note that any object on the hill is viewed in the monitor closer than it appears.

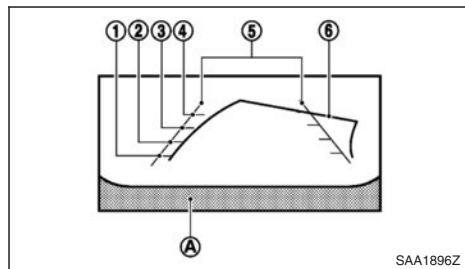
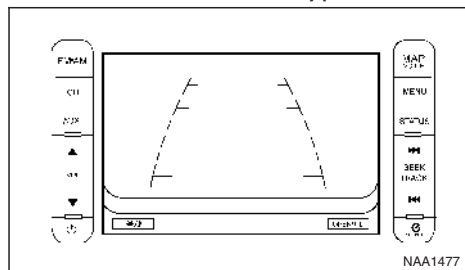
#### Reversing behind a projecting object:



The position (C) is shown further than the position (B) in the display. However, the position (C) is actually at the same distance as the position (A). The vehicle may hit the object when reversing to the position (A) if the object projects over the actual reversing course.



## REAR VIEW MONITOR (Type C)



### How to read the displayed guide lines



#### WARNING

- The distance between objects viewed in the rear view may differ from the actual distance. Objects in the rear view will appear visually opposite from those viewed in the inside and outside mirrors.

- On a snow-covered or slippery road, there may be a difference between the predictive course line and the actual course line.
- The displayed lines on the rear view will appear slightly off to the right because the rear view camera is not installed in the rear centre of the vehicle.

Guiding lines which indicate the vehicle width and distances to objects with reference to the bumper line (A) are displayed on the monitor.

#### Distance guide lines:

Indicate distances from the vehicle body.

- Red line ①: approx. 0.5 m (1.5 ft)
- Yellow line ②: approx. 1 m (3 ft)
- Green line ③: approx. 2 m (7 ft)
- Green line ④: approx. 3 m (10 ft)

#### Vehicle width guide lines ⑤:

Indicate the vehicle width when reversing.

#### Predictive course lines ⑥:

Indicate the predictive course when operating the vehicle. The predictive course lines will be displayed on the monitor when the steering wheel is turned. The predictive course lines will move depending on how much the steering wheel is turned and will not be displayed while the steering wheel is in the neutral position.

The front view will not be displayed when the vehicle speed is above 10 km/h (6 MPH).

### Difference between predicted and actual distances

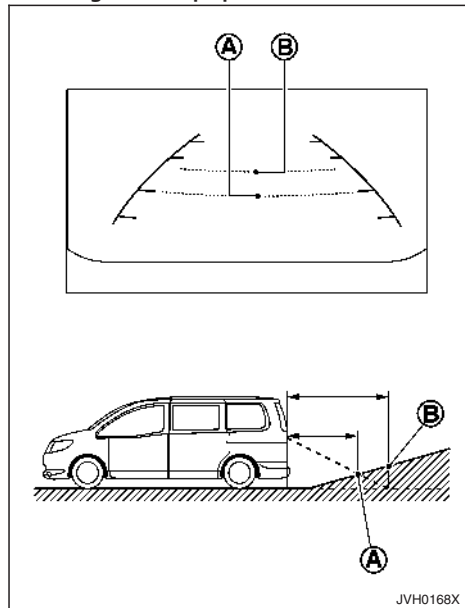
The distance guide line and the vehicle width guide line on the rear view should be used as a reference only when the vehicle is on a level, paved surface. The distance viewed on the monitor is for reference only and may be different from the actual distance between the vehicle and displayed objects.



#### WARNING

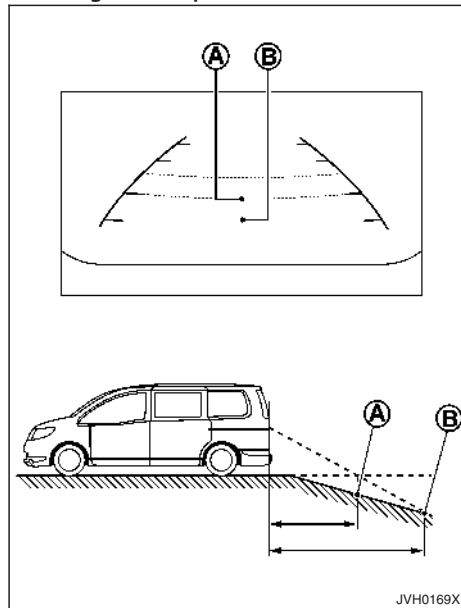
- Use the displayed guide lines as a reference. The lines are highly affected by the number of occupants, cargo, vehicle position, road condition and road grade. Always check with your eyes directly around the vehicle while reversing.
- The distance guide line and the vehicle width line should be used 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.
- When reversing the vehicle up a hill, objects viewed in the monitor are further than they appear. When reversing the vehicle down a hill, objects viewed in the monitor are closer than they appear. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.

#### Reversing on a steep uphill:



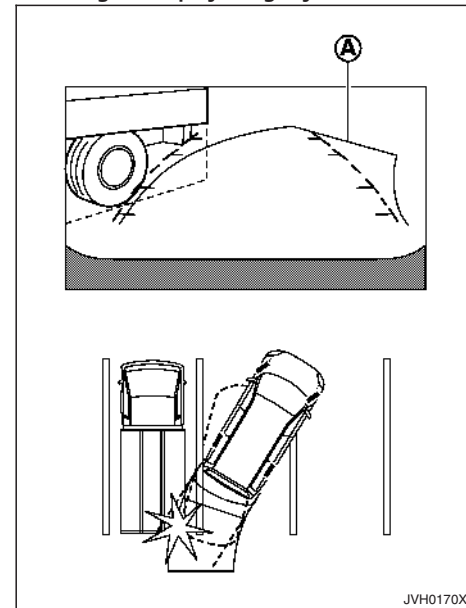
When reversing the vehicle up a hill, the distance guide lines and the vehicle width guide lines are shown closer than the actual distance. For example, the display shows 1 m (3 ft) to the place ①, but the actual 1 m (3 ft) distance on the hill is the place ②. Note that any object on the hill is viewed in the monitor further than it appears.

#### Reversing on a steep downhill:



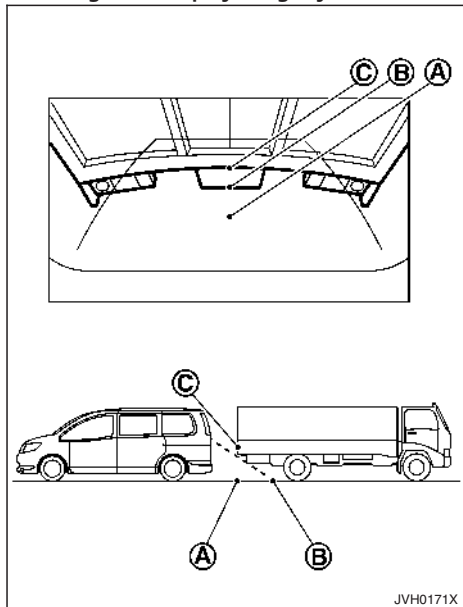
When reversing the vehicle down a hill, the distance guide lines and the vehicle width guide lines are shown further than the actual distance. For example, the display shows 1 m (3 ft) to the place ①, but the actual 1 m (3 ft) distance on the hill is the place ②. Note that any object on the hill is viewed in the monitor closer than it appears.

#### Reversing near a projecting object:



The predictive course lines ① (where fitted) do not touch the object in the display. However, the vehicle may hit the object if it projects over the actual moving course.

### Reversing behind a projecting object:



The position ③ is shown further than the position ② in the display. However, the position ③ is actually at the same distance as the position ①. The vehicle may hit the object when reversing to the position ① if the object projects over the actual reversing course.

### NOTE

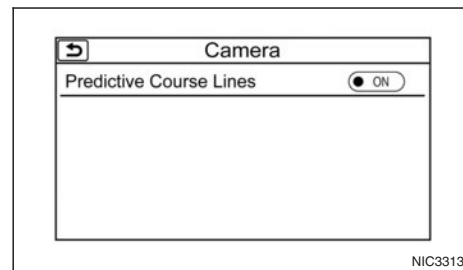
- When the shift lever is shifted to R (Reverse), the monitor screen automatically changes to the rear view monitor mode. However, the radio can be heard.
- It may take some time until the rear view monitor or the normal screen is displayed after the shift lever has been shifted to R (Reverse) from another position or to another position from R (Reverse). Objects may be distorted momentarily until the rear view monitor screen is displayed completely.
- When the temperature is extremely high or low, the screen may not clearly display objects. This is not a malfunction.
- When strong light directly enters the camera, objects may not be displayed clearly. This is not a malfunction.
- Vertical lines may be seen in objects on the screen. This is due to strong reflected light from the bumper. This is not a malfunction.
- The screen may flicker under fluorescent light. This is not a malfunction.
- The colours of objects on the rear view monitor may differ somewhat from those of the actual object.
- **Objects on the monitor may not be clear in a dark place or at night. This is not a malfunction.**
- **If dirt, rain or snow attaches to the camera, the rear view monitor may not clearly display objects. Clean the camera.**

- Do not use alcohol, benzine or thinner to clean the camera. This will cause discolouration. To clean the camera, wipe with a cloth dampened with diluted mild cleaning agent and then wipe with a dry cloth.
- Do not damage the camera as the monitor screen may be adversely affected.
- Do not use wax on the camera window. Wipe off any wax with a clean cloth dampened with mild detergent diluted with water.

### CAMERA SETTINGS

#### Setting predictive course line

Display of predictive course lines can be set to ON or OFF.



If the RearView Monitor is not in operation, set according to the following procedure.

1. Touch [Settings] on the Launch Bar.
2. Touch [Camera Setting].
3. Touch [Predictive Course Lines] for the ON or OFF position.

## VENTS

### Display adjustment

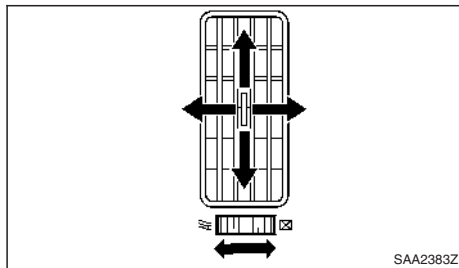
To adjust the [Brightness], [Tint], [Color], [Contrast] and [Black Level] of the rear view monitor, perform the following procedure.

1. Touch the touch screen while rear view monitor is displayed.
2. Touch to [Display Settings] and select the item key using the touch screen.
3. Adjust display settings by touching the [+]/[-].



#### NOTE

**Do not adjust the [Brightness], [Tint], [Color], [Contrast] and [Black Level] of the rear view monitor while the vehicle is moving. Make sure the parking brake is firmly applied.**

### CENTRE VENTS

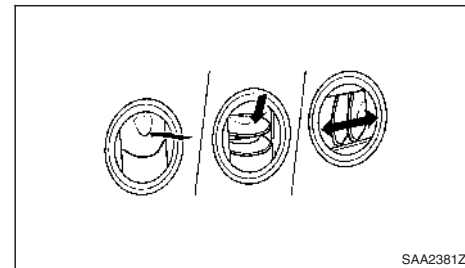


Open/close the vents by moving the control to either direction.

-  : This symbol indicates that the vents are closed. Moving the control to this direction will close the vents.
-  : This symbol indicates that the vents are open. Moving the control to this direction will open the vents.

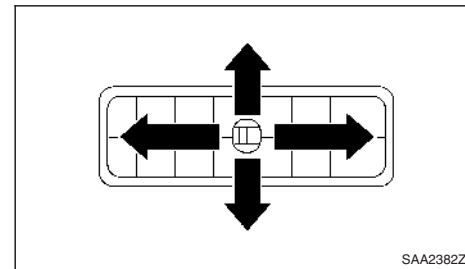
Adjust the air flow direction of the vents by moving the centre knob (up/down, left/right) until the desired position is achieved.

### SIDE VENTS



Open or close the vents, and adjust the air flow direction of vents as illustrated.

### REAR VENTS



Adjust the air flow direction of the vents by moving the centre knob (up/down, left/right) until the desired position is achieved.

## HEATER AND AIR CONDITIONER



### WARNING

- The air conditioning cooling function operates only when the power switch is in the ON position or when the READY to drive indicator light is ON.
- 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

- Condensation forms inside the air conditioning unit when the air conditioner is running, and is safely discharged underneath your vehicle.
- Traces of water on the ground are therefore normal.
- Odours from inside and outside the vehicle can build up in the climate control system. Odour can enter the passenger compartment through the vents.

- When parking, set the climate control system 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 system can be operated when the READY to drive indicator light is illuminated. However, while charging, the climate control system can be used when the power switch is in the ON position.

The fan, heater and air conditioning can be turned on manually using the timer function or the Remote Climate Control.

Power switch position	LOCK/OFF	ACC	ON	READY to drive
Fan	-	-	Available	Available
Heater and air conditioner	-	-	Available*3	Available
Timer (Climate Ctrl. Timer)	Available*2	Available*2	-	-
Remote control*1	Available	Available	-	-
Remote control*4	Available	-	-	-

These functions operate in the following conditions.

- \*1: Models with EV Navigation system.
- \*2: The Mode 2 EVSE (Electric Vehicle Supply Equipment) or Mode 3 cable must be connected.
- \*3: The climate control system will only start when charging is being performed. After charging is complete, it will continue to operate if the Mode 2 EVSE (Electric Vehicle Supply Equipment) or Mode 3 cable is connected.
- \*4: Model with intelligent key climate control

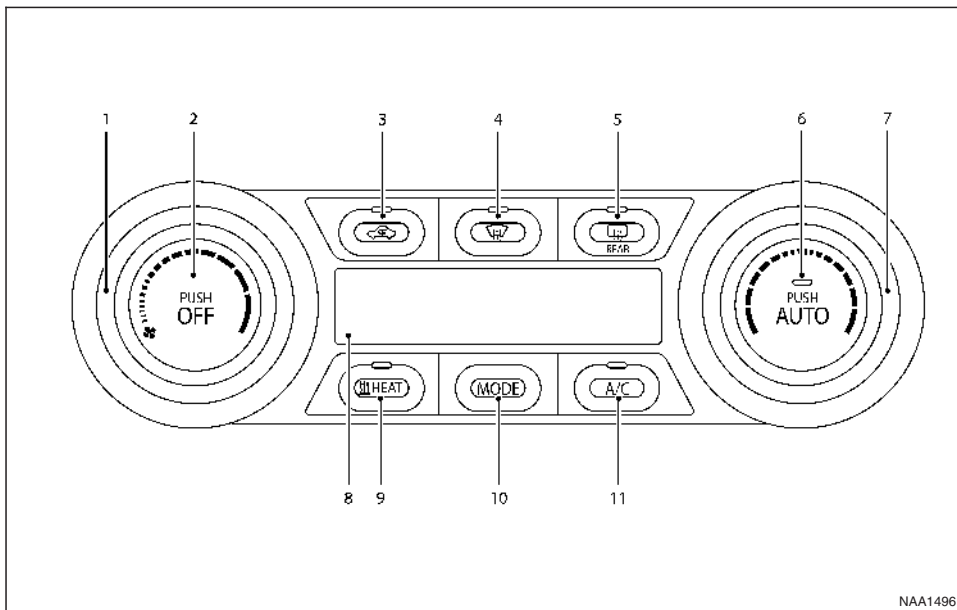
#### NOTE

- **A series of operation sounds may be heard immediately after climate control ON/OFF operation. This is not a malfunction.**
- **Compressor and motor fan may suddenly start to operate during charging operation. This is not a malfunction.**
- **Condensation forms inside the air conditioning unit when the air conditioner is running, and is safely discharged underneath your vehicle.**

Traces of water on the ground are therefore normal.

**Water may drop underneath the vehicle when climate control is operating.**

- **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.**



## AUTOMATIC CLIMATE CONTROL (Type A)

1. (Fan speed control) knob
2. Climate control ON/OFF button
3. (Air recirculation) button
4. (Front defogger) button
5. (Rear window and/or outside door mirror

defogger) button (where fitted)

For details, see "Defogger switch (where fitted)" in the "2. Instruments and controls" section

6. <AUTO> (climate control ON) button
7. Temperature control knob
8. Display
9. <HEAT> (Manual air conditioner hot air) button

10. <MODE> (Manual air flow control) button
11. <A/C> (Manual air conditioner cold air) button (where fitted)

### Automatic operation

The AUTO mode may be used year-round as the system automatically controls constant temperature, air flow distribution, intake air and fan speed.

1. Push the <AUTO> button. The AUTO indicator light comes on.
2. Turn the temperature control knob to set the desired temperature.

When any of the following functions are operated, the AUTO indicator will turn off.

- The <HEAT> button (or <A/C> button (where fitted) is pushed.
- The fan speed control or ventilator air flow control is operated.
- The intake air control is switched.

However, the functions that were not operated continue operating in AUTO mode.

### NOTE

- **If the fan speed control knob, <MODE> button, or intake air control button is operated while AUTO is in use, all the other buttons operate in AUTO mode.**
- **To save power, use automatic operation of the air conditioning system or use ventilation mode. It will significantly reduce power consumption.**
  - While the <AUTO> button indicator light illuminates, electric power consumption of

**the air conditioner can have a better efficiency compared to the amount consumed with the <AUTO> button indicator off.**

- **While ventilation mode is activated, outside air is drawn into the cabin using the fans with no heating or cooling applied.**

The HEAT indicator light (and the A/C indicator light (where fitted)) illuminates according to the operation modes of the climate control system.

Operation mode	A/C indicator (where fitted)	HEAT indicator
Cooling (where fitted)	ON	OFF
Heating (A/C off)	OFF	ON

## Manual operation

The manual mode can be used to control the heater and air conditioner to your desired setting.

The HEAT indicator light (and the A/C indicator light (where fitted)) illuminates according to the operation modes of the climate control system.

Operation mode	A/C indicator (where fitted)	HEAT indicator
Cooling (where fitted)	ON	OFF
Dehumidified heating	ON	ON
Heating (A/C off)	OFF	ON
Ventilation	OFF	OFF

### Cooling (where fitted):

1. Push the <A/C> button (where fitted) to illuminate the A/C indicator light.
  2. Push the <HEAT> button to turn off the HEAT indicator light.
- Do not set the temperature higher than the outside air temperature. Doing so may prevent the temperature from being controlled properly.
  - A visible mist may be seen coming from the ventilators in hot, humid conditions as the air is cooled rapidly. This does not indicate a malfunction.
  - The fan speed must be set to on for the A/C indicator light to come on.

### Dehumidified heating (where fitted):

1. Push the <A/C> button (where fitted) to illuminate the A/C indicator light.
2. Push the <HEAT> button to illuminate the HEAT indicator light.

### NOTE

**Electric power consumption of climate control increases while <A/C> button indicator (where fitted) and <HEAT> button indicator simultaneously illuminate. As a result, the driving range may be decreased.**

### Heating (A/C off):

1. Push the <HEAT> button to illuminate the HEAT indicator light.
2. Push the <A/C> button (where fitted) to turn off the A/C indicator light.

- Do not set the temperature lower than the outside air temperature. Doing so may prevent the temperature from being controlled properly.
- If the windows fog up, use dehumidified heating instead of the A/C off heating.

### Ventilation mode:


To enter the ventilation mode, push <HEAT> button and <A/C> button (where fitted) to the "OFF" position (both indicator lights are off).


This mode provides minimum level of power consumption as only the fans are used to pass air from outside the vehicle through the cabin, without any heating or cooling applied. Use the <MODE> button and fan speed dial to select desired distribution of air inside the vehicle.

### NOTE


- **The ventilation mode requires a lower power consumption, so cruising distance will increase.**
- **In ventilation mode, temperature is not indicated on the air conditioner display.**

### Dehumidified defrosting/defogging:


Push the front defogger  button. (The indicator light will illuminate.)

- To remove moisture or fog on the front window quickly, set the temperature to the high temperature and the fan speed to their maximum level.
- After the windscreen is cleared, push the front defogger  button again. (The indicator light will turn off.)



- When the front defogger  button is pushed, the air conditioner will automatically turn on to defog the windshield. The outside air circulation mode will be selected to improve the defogging performance.






#### Fan speed control:

Turn the fan speed control  knob to manually control the fan speed.

Push the <AUTO> button to change the fan speed to the automatic mode.

#### Air flow control:


Push the MODE button to change the air flow mode.

 _	Air flows from the centre and side vents.
 _	Air flows from the centre and side vents and foot outlets.
 _	Air flows mainly from the foot outlets.
 _	Air flows from the defogger outlets and foot outlets.
 _	Air flows mainly from the defogger outlets.


#### Temperature control:

Turn the temperature control knob to set the desired temperature.


#### Air recirculation:

Push the intake air control  button to change the air circulation mode. When the indicator light illuminates, the flowing air is recirculated inside the vehicle.

#### Outside air circulation:

Push the intake air control  button to change the air circulation mode. When the indicator light does not illuminate, the flowing air is drawn from outside the vehicle.

#### Automatic air intake control:

To set the automatic control mode, push and hold the intake air control  button. The indicator light will blink twice and the inside/outside circulation will then be controlled automatically. When in automatic mode, the indicator light will come on when inside air recirculation is active.

#### To turn the system off

To turn off the climate control, push the climate control system <OFF> button. The same operating mode (Heater or A/C) that was active when the system is turned off is active when system is turned back on.

#### Climate Ctrl. Timer

The climate control system finishes operating at the time of day and day of the week specified in the settings. This pre heats or pre cools the vehicle to the factory default temperature setting in the passenger compartment before driving while the charger is connected to vehicle. This help reduce power consumption from the Li-ion battery.

The Climate Ctrl. Timer function can be set to activate on a different day of the week.

Once the Climate Ctrl. Timer is set, it automatically ends when the end time is reached. It is not necessary to set the Climate Ctrl. Timer everyday.



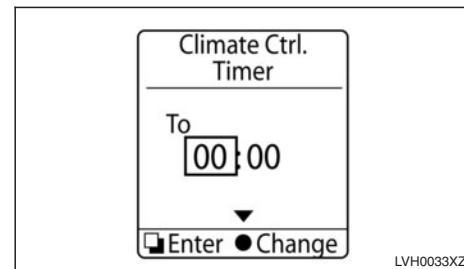
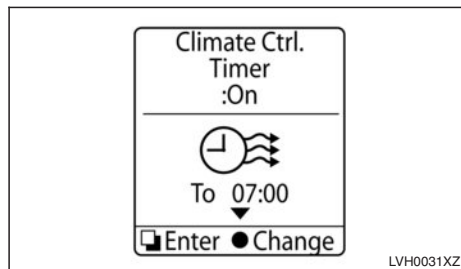
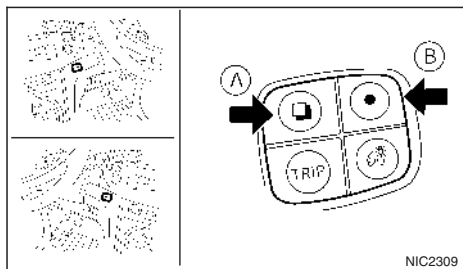
#### WARNING

**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.**

#### Setting Climate Ctrl. Timer:

The Climate Ctrl. Timer can save the end time setting using the trip computer.

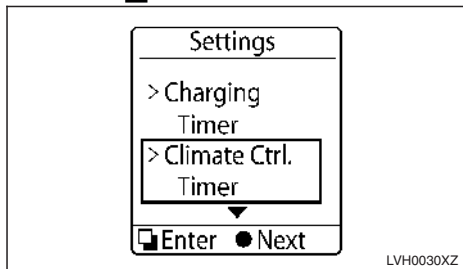
Switches for the Climate Ctrl. Timer setting are located on the side of the combination meter panel.



To operate the Climate Ctrl. Timer, use the following switches:

- Ⓐ switch
- Ⓑ switch

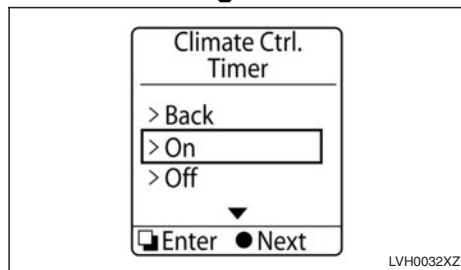
1. Push the switch Ⓐ.



2. Push the switch Ⓑ until [Climate Ctrl. Timer] is highlighted on the vehicle information display and push the switch Ⓐ.

3. The [Climate Ctrl. Timer] screen is displayed.

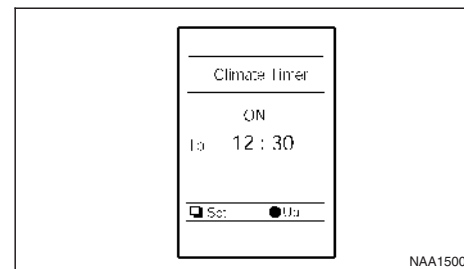
To turn the timer on or off, change the time or set the date, push the switch Ⓑ.

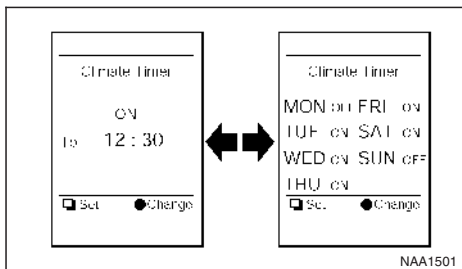






4. To turn the timer on or off, use the switch Ⓑ to highlight [On] or [Off] and then push the switch Ⓐ. If [On] is selected, an additional screen is displayed that allows you to change the time or the climate control timer.

5. The hour portion of the time is highlighted on the screen. Push the switch Ⓑ to change the hour field in increments of one hour. Push and hold switch Ⓑ to fast forward the hour. Push the switch Ⓐ to move to the minutes field.

6. Push the switch Ⓑ to change the minute field in increments of ten minutes. Push and hold switch Ⓑ to fast forward the minute. Push the switch Ⓐ to set the day of the week on or off.





7. Push the  switch **(B)** to set the day to on or off. Push the  switch **(A)** and then set the next day with the same procedure. When all days of the week have been set, push the  switch **(A)**.
8. The settings confirmation screen will be displayed. To select confirm and finish setting the climate control timer, push the  switch **(A)**.


## Remote Climate Control

### Using Intelligent Key:


Remote Climate Control operation is available when the vehicle is in an area of intelligent key range.

The Remote Climate Control can be operated when the power switch is in OFF position.

Perform the following procedures to set the Remote Climate Control.

- To start the climate control, push the climate control  button on the Intelligent Key for more than 1 second. The hazard indicator flashes once and the climate control will operate.

The charging status indicator light is illuminated while the Remote Climate Control operates. See “Charging related indicator lights” in the “CH. Charging” section.

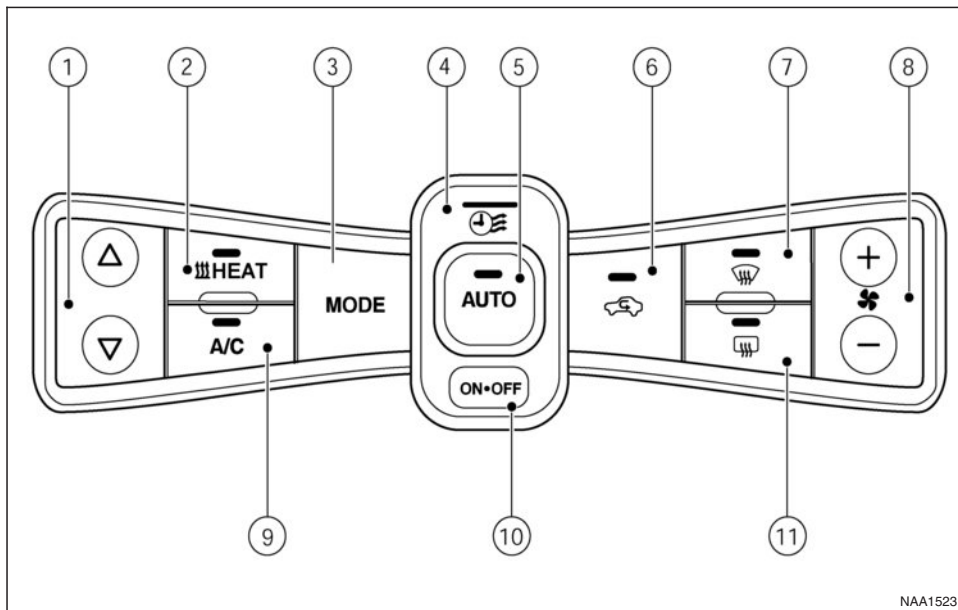
- To stop the climate control, push the climate control  button for more than 1 second again.

### Operating tips:

- When the charge connector is connected, the climate control operates using electric power. When the charge connector is disconnected from the vehicle, the climate control operates using the vehicle battery electric power.
- The climate control can be operated for a maximum of 2 hours when the charge connector is connected to the vehicle, or a maximum of 15 minutes when the charge connector is disconnected.
- The Remote Climate Control will only start to operate when the power switch is in the OFF position. Be sure to check that the power switch is in the OFF position.
- Air conditioning 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 air conditioning performance, if ambient temperature is excessively high or low, or if the charge connector is connected to the NISSAN EVSE cable (8 – 10 Amperes).
- If the power switch is in the ON position or the charge connector is disconnected, while the Re-





mote Climate Control is being operated, Remote Climate Control operation is automatically stopped.

- If Remote Climate Control operation is started while the vehicle is in normal charge mode, the climate control operates in climate control priority mode and charging is continued.
- If Remote Climate Control operation is started and charging is stopped while the vehicle is in quick charge mode, climate control operation is also stopped.
- If the quick charge connector is connected and charging is not performed, Remote Climate Control operation starts using the battery electric power of the vehicle.
- Remote Climate Control will not operate when the Li-ion battery power status is low. Please operate the Remote Climate Control after the Li-ion battery is charged.
- Remote Climate Control will not operate when the Li-ion battery power is low. Therefore operate the Remote Climate Control after the Li-ion battery is fully charged.



## AUTOMATIC CLIMATE CONTROL (Type B)

1. Temperature control buttons
2. <HEAT> button
3. <MODE> (Manual air flow control) button
4. Climate Ctrl. (Control) Timer indicator
5. <AUTO> climate control On/Off button

6.  (Air recirculation) button
7.  (Front defogger) button
8.  (Fan speed control) button
9. <A/C> (Air Conditioner) ON•OFF button
10. Climate control system <ON•OFF> button
11.  (Rear window and/or outside door mirror defogger) button (where fitted)

For details, see “Defogger switch (where fitted)” in the “2. Instruments and controls” section.

### Displaying climate control system status

Push the <STATUS> button to display the climate control system status on the centre display.

#### NOTE

- If the READY to drive indicator light is illuminated and the Mode 2 EVSE (Electric Vehicle Supply Equipment) or Mode 3 cable is connected to the vehicle, the power switch will change to the ON position. At the same time, the climate control system will stop operating. However, the fan will continue to operate. If you want to turn on climate control again, place the power switch in the OFF position and then place it in the ON position again after confirming that the vehicle has started charging.
- When the power switch is in the ON position, if the power supply from the Mode 2 EVSE or Mode 3 cable is interrupted due to an electrical outage, etc., the system will operate in the following ways.

- If it occurs while charging is being performed:

**The climate control system will stop once. If the power supply is restored within approximately 5 minutes, the climate control system will restart. However, if more than 5 minutes have elapsed, the climate control system will not restart.**

- **If it occurs after charging has finished:**  
The climate control system will stop.

### Automatic operation (AUTO)

The AUTO mode may be used year-round as the system automatically controls constant temperature, air flow distribution, intake air and fan speed.

1. Push the **<AUTO>** button (the indicator light comes on).
2. Turn the temperature control button to set the desired temperature.

The temperature range can be set:

- For Europe: Between 16°C (60°F) and 30°C (86°F).
- Except for Europe: Between 18°C (64°F) and 32°C (90°F)

#### NOTE

- **If the fan speed control button, or air recirculation button is operated while AUTO mode is in use, all the other buttons stay in AUTO mode.**
- **To save power, use the automatic mode or the ventilation mode. While the <AUTO> button indicator is on, electric power consumption of the air conditioner system can have a better efficiency compared to the amount consumed with the <AUTO> button indicator off. 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.**

While operating the climate control in the AUTO mode, selecting any other climate control button deactivates the AUTO mode and activates manual mode.

Other controls are continuously adjusted except the operated button.

The HEAT indicator light and the A/C indicator light come on according to the operation status of the climate control system.

Mode status	A/C indicator light	HEAT indicator light
Cooling	ON	OFF
Dehumidified heating	ON	ON
Heating (A/C off)	OFF	ON

### Manual operation

The manual mode can be used to control the heater and air conditioner to your desired settings.

#### Cooling:

1. Push the **<A/C>** button to turn on the cold air flow. (The A/C indicator light comes on).
2. Push the **<HEAT>** button to turn off the hot air flow (The HEAT indicator light goes off).

#### NOTE

- **Do not set the temperature higher than the outside air temperature. Doing so may prevent the temperature from being controlled properly.**

- **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.**

#### Dehumidified heating:

1. Push the **<A/C>** button  
(The A/C indicator light comes on).
2. Push the **<HEAT>** button  
(The HEAT indicator light comes on).

#### NOTE

**Electric power consumption of climate control increases while the A/C and HEAT button indicator lights simultaneously illuminate. As a result, the driving range may be decreased.**

#### Heating (A/C off):

1. Push the **<HEAT>** button.
2. Turn the A/C indicator light off if necessary.

#### NOTE

- **Do not set the temperature lower than the outside air temperature. Doing so may prevent the temperature from being controlled properly.**
- **If the windows fog up, use dehumidified heating instead of the A/C off heating.**


#### Ventilation mode:

To enter the ventilation mode, push **<HEAT>** button and **<A/C>** button for the "OFF" position (both indicator lights are off).



This mode provides minimum level of power consumption as only the fans are used to pass air from outside the vehicle through the cabin, without any

heating or cooling applied. Use the <MODE> button and fan speed dial to select desired distribution of air inside the vehicle.


#### Dehumidified defrosting/defogging:

Push the front defogger  button. (The indicator light will illuminate)

#### NOTE

- **When the front defogger  button is pushed, the air conditioner will automatically turn on to defog the windshield. The outside air circulation mode will be selected to improve the defogging performance.**
- **To remove moisture or fog on the front window quickly, set the temperature and the fan speed to the maximum position.**
- **After the windshield is cleared push the front defogger  button again. (The indicator light will turn off.)**

#### Fan speed control:






Push the <+> or <-> of fan speed control (  ) to control the fan speed manually.

Push the <AUTO> button to change the fan speed to the automatic mode.

#### Air flow control:

Push the <MODE> button to change the air flow mode.

The following icons appear in the display.

-  — Air flows from the centre and side vents.
-  — Air flows from the centre and side vents and foot outlets.
-  — Air flows mainly from the foot outlets.
-  — Air flows from the defogger outlets and foot outlets.
-  — Air flows mainly from the defogger outlets.


#### Temperature control:

Push a temperature control button to set the desired temperature.


The temperature range can be set:

- For Europe: Between 16°C (60°F) and 30°C (86°F).
- Except for Europe: Between 18°C (64°F) and 32°C (90°F)


#### Air recirculation:

Push the air recirculation  button to change the air circulation mode. When the indicator light illuminates, the flowing air is recirculated inside the vehicle.

#### Outside air circulation:

Push the air recirculation  button to change the air circulation mode. When the indicator light is off, the flowing air is drawn from outside the vehicle.

#### Automatic air intake control:

To set the automatic control mode, push and hold the  (intake air control) button. The indicator light will blink twice and the inside/outside circula-

tion will then be controlled automatically. When in automatic mode, the indicator light will come on when inside air recirculation is active.

#### Turn the system off

To turn off the climate control system, push the <ON-OFF> button.

#### Climate Ctrl. Timer

The climate control system finishes operating at the time and day of the week specified in the timer settings. This pre-heats or pre-cools the passenger compartment to a user defined set temperature before driving while the charger is connected to vehicle. This helps to reduce power consumption from the Li-ion battery.

The Climate Ctrl. Timer operates the air conditioner using power from the charger. Electric power from the Li-ion battery is not used.

The Climate Ctrl. Timer function allows two different timer settings. Each timer charge function can be set to activate on a different day of the week.

Once the Climate Ctrl. Timer is set, it automatically starts when the set time is reached. It is therefore not necessary to set the Climate Ctrl. Timer every-day.

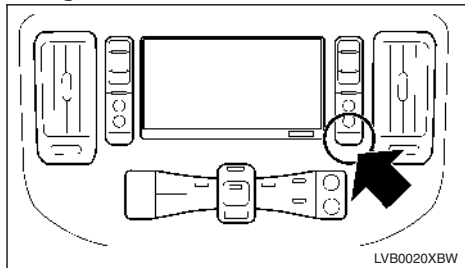


#### WARNING

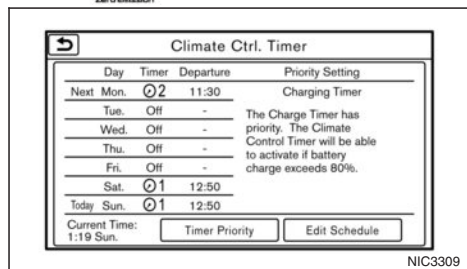
**Even if the Climate Ctrl. Timer is set, the temperature in the passenger compartment may become high or low if the system automatically stops. Do not leave children or adults who would normally require the support of others alone in your vehicle. Pets should not be left alone either. On hot, sunny 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 severe or possible fatal injuries to people or animals.

#### Setting Climate Ctrl. Timer:



1. Push  and touch [Climate Ctrl. Timer].

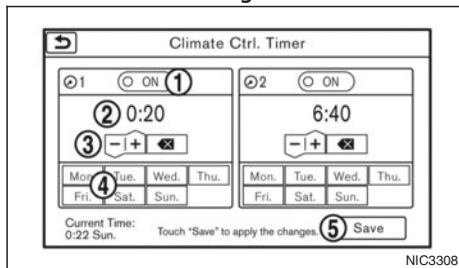


2. Touch [Edit Schedule]. Climate Ctrl. Timer setting screen is displayed.

Touch [Timer Priority] to set a priority for timer charge function and the Climate Ctrl. Timer function.

3. Set preferred time and day of the week for Climate Ctrl. Timer activation.
4. After entering the information, touch [Save]. A confirmation screen is displayed.
5. Touch [OK] to confirm the setting, push the power switch to the OFF position, and then connect the charge connector to the vehicle.


#### Climate Ctrl. Timer setting screen:



- ① Touch to turn the timer on or off. The indicator light will turn on when the timer setting is turned on.
- ② Shows the set departure time. Climate Control system will be activated in order that the vehicle compartment will be cooled/heated to the set temperature and turn off itself by the departure time.
- ③ Touch corresponding keys to adjust the time setting.

[-]: Touch or touch and hold to decrease the time,

[+]: Touch or touch and hold to increase the time,

: Touch to delete the numbers entered.

- ④ Touch the keys to set the days of the week you wish to activate the Climate Control system.
- ⑤ Touch to save the settings.

#### Priority setting between timer charge and Climate Ctrl. Timer:

If the timer charge function and the Climate Ctrl. Timer function are in operation at the same time due to an overlap of the timer settings, either function can be set to be preferentially provided with electric

1. Push  and touch [Climate Ctrl. Timer].

2. Touch [Timer Priority]. Priority setting screen is displayed.

3. Select the preferred setting.

### Available settings

Setting item	Result
[Charging Timer]	When charging is set as the first priority, the Climate Ctrl. Timer does not start until 10 segments (80%) of the Li-ion battery available charge gauge are illuminated.
[Climate Ctrl. Timer]	When the Climate Control is set as the first priority, the Climate Control system will start to operate when the remaining Li-ion battery power displayed in the meter reaches 2 segments (15%) or higher.

### Operation tips for using Climate Ctrl. Timer:

- Temperature setting for the Climate Ctrl. can be changed from [Timer/Remote - Set Climate Temp].
- The Climate Ctrl. Timer will only start when the power switch is in the OFF position. Always place the power switch in the OFF position after the Climate Ctrl. Timer is set.
- To turn off the Climate Ctrl. Timer function, touch [ON] 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.

- While the Climate Ctrl. Timer is operating, the Climate Ctrl. Timer indicator and the charging status indicator lights flash. If the Climate Ctrl. Timer is set to activate, the Climate Ctrl. Timer indicator illuminates.
- If the timer charge function and the Climate Ctrl. Timer are in operation at the same time due to an overlap of the timer settings, either function can be set to be preferentially provided with electric power.
- 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 or remote climate control in an environment where the temperature is low may decrease the rate of Li-ion battery charge.
- Timer setting can also be changed while Climate Ctrl. timer is operated. When the power position is switched to OFF, the air conditioner starts or enters waiting mode depending on the new timer settings.
- When the difference in temperature between the air conditioner setting temperature and the temperature outside the vehicle is large, the temperature inside the vehicle may not be maintained at the setting temperature.
- The charging status indicator lights illuminate in a specific pattern when the Li-ion battery warmer (where fitted) operates. The charging status indicator lights use the same pattern to indicate 12-volt battery charging, Climate Ctrl. Timer operation or Remote Climate Control operation. The charging status indicator lights do

not change if the Li-ion battery warmer (where fitted) operates at the same time as the above features.

- 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.
- Air conditioning is limited to the capacity of the electric power when the charge connector is connected. Therefore, the temperature may not reach the set temperature due to limitations in air conditioning performance, if ambient temperature is excessively high or low, or if the charge connector is connected to the charge cable.
- The Climate Ctrl. Timer operates the climate control function so that a comfortable temperature is provided in the passenger compartment at the scheduled time of departure. The climate control is set to stop at the scheduled time of departure.

### Remote Climate Control (where fitted)

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

Climate control can be remotely started by accessing the NISSAN Data Centre website via a mobile phone or a personal computer.

When operation is started, or at the set start time, the NISSAN Data Centre starts communicating the vehicle. When the vehicle receives a command for remote operation, the climate control system im-



mediately turns ON and operates for the specified period of time. Confirmation of the ON/OFF state of the climate control system can be checked by accessing the website or by e-mail notification.

Registering to the NISSAN Data Centre services is necessary before they can be used. For details, see the separately provided EV Navigation system owner's manual.



#### WARNING

- **Radio waves could adversely affect electric medical equipment. For more information, contact your electric medical equipment manufacturer for the possible effect on pacemakers before using the Remote Climate Control.**
- **Even if the Remote Climate Control is set, the temperature in the passenger room may become high 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.**

#### NOTE

- **To check the Li-ion battery charging status using an internet enabled smart phone or personal computer.**
  - **The vehicle must be located in a mobile phone coverage area.**

- **The mobile phone must be located in an area with mobile phone coverage.**
- **The computer must be connected to the internet.**
- **Some mobile phones are not compatible with this system and cannot be used to check the Li-ion battery charging status. Confirm this beforehand.**

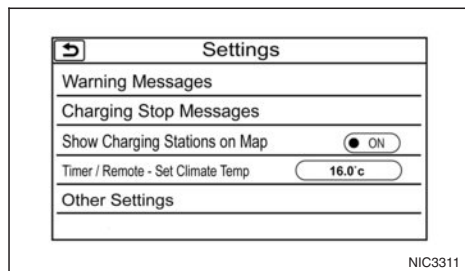
#### Operating tips for using Remote Climate Control (where fitted):

- When the charge connector is connected, the climate control operates using electric power. When the charge connector is disconnected from the vehicle, the climate control operates using the vehicle battery electric power.
- The climate control can be operated for a maximum of 2 hours when the charge connector is connected to the vehicle, or a maximum of 15 minutes when the charge connector is disconnected
- The Remote Climate Control will only start to operate when the power switch is in the OFF position. Be sure to check that the power switch is in the OFF position.
- Remote Climate Control operation is not available when the vehicle is in an area of mobile phone communication range.
- Communication becomes unavailable when the vehicle is not used for two weeks or more. When the power switch is placed in the ON position, communication with the NISSAN Data Centre can be restored.

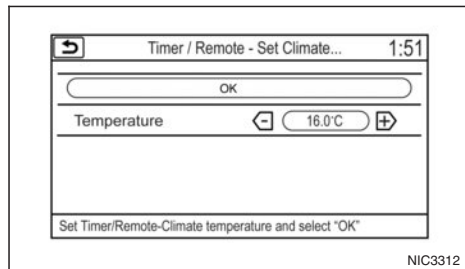
- Air conditioning is limited to the capacity of the electric power when the charge connector is connected to the vehicle. Therefore, the temperature may not reach the set temperature due to limitations in air conditioning performance, if ambient temperature is excessively high or low, or if the charge connector is connected to the NISSAN EVSE cable (8 - 10 Amperes).
- If the power switch is in the ON position or the charge connector is disconnected, while the Remote Climate Control is being operated, Remote Climate Control operation is automatically stopped and an e-mail is sent.
- If Remote Climate Control operation is started while the vehicle is in normal charge mode, the climate control operates in climate control priority mode and charging is continued.
- If Remote Climate Control operation is started and charging is stopped while the vehicle is in quick charge mode, climate control operation is also stopped.
- If the quick charge connector is connected and charging is not performed, Remote Climate Control operation starts using the battery electric power of the vehicle.

### Temperature settings:

This procedure sets the temperature of Climate Ctrl. Timer and Remote Climate Control.



1. Push the Zero Emission menu button. Touch [Zero Emission Settings].
2. Touch [Timer/Remote - Set Climate Temp].

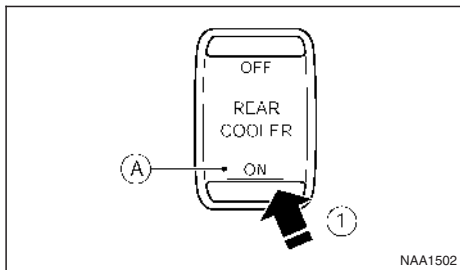


3. Set the temperature and then touch [OK].

### NOTE

- 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.
- Air conditioning is limited to the capacity of the electric power when the charge connector is connected. Therefore, the temperature may not reach the set temperature due to limitations in air conditioning performance, if ambient temperature is excessively high or low, or if the charge connector is connected to the NISSAN EVSE cable (8 - 10 Amperes power).
- The Climate Ctrl. Timer operates the climate control function so that a comfortable temperature is provided in the passenger compartment at the scheduled time of departure. The climate control is set to stop at the scheduled time of departure.

### REAR COOLER (where fitted)



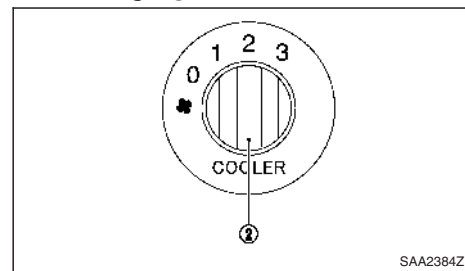
Rear cooler front switch

1. Place the power switch in the ON position or READY to drive mode.

2. Operate the front air conditioner/cooler.

**Rear cooler function operates only when the power switch is in the ON position or the READY to drive position and the front air conditioner/cooler is operating.**

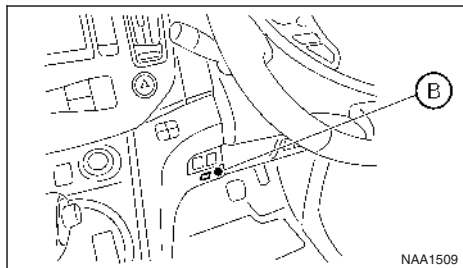
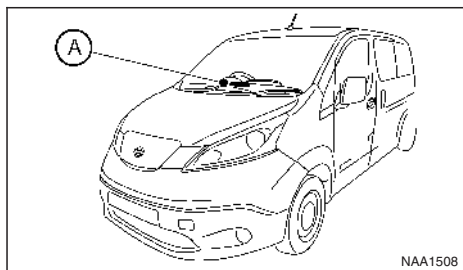
3. Push the rear cooler front switch ① (located on the instrument panel) to the ON position. (The indicator light ② will illuminate.)



Rear cooler fan switch

4. Turn the rear cooler fan switch ② (located on the side of the third row seat) to the desired position to select the fan speed.

## OPERATING TIPS



- The automatic climate control system is equipped with sensors, as illustrated. The sensors A and B help to maintain a constant temperature. Do not put anything on or around these sensors.
- To save power, use automatic operation of the air conditioning system or use ventilation mode. It will significantly reduce power consumption.

- While the <AUTO> button indicator light illuminates, electric power consumption of the air conditioner can have a better efficiency compared to the amount consumed with the <AUTO> button indicator off.
- While ventilation mode is activated, outside air is drawn into the cabin using the fans with no heating or cooling applied.
- When the <AUTO> switch is pushed, the AUTO indicator light illuminates. The HEAT or the A/C button indicator light illuminates according to the operation of the climate control system.
- The AUTO indicator light goes off, if the <MODE> button, <A/C> button, fan speed control buttons, front defogger button, outside air circulation button or air circulation button is pushed.
- Power consumption of the climate control system varies depending on the outside temperature and the temperature set for the climate control 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 it is in the ready to drive mode and the air conditioner or heater is on, the power switch automatically changes to the ON position. The climate control 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 climate control function.

- The climate control timer (Type B only) or the Remote Climate Control may fog up windows depending on the set temperature or outside temperature.
- When turning on the seat heater switch prior to operating the climate control timer (Type B only) or the Remote Climate Control (Type B only), the seat heater also will turn on. The steering wheel heater will turn on automatically when the outside temperature is low.
- For Europe:  
For normal charge, the climate control system is operative when charging operation is complete. For quick charge, however, the climate control system stops operating when charging operation stops.
- Except for Europe:  
For normal charge (where fitted), the climate control system is operative when charging operation is complete. For quick charge, however, the climate control system stops operating when charging operation stops.

## AIR CONDITIONER FILTER

The climate control system is equipped with an air conditioner filter which collects dirt, pollen, dust, etc. To make sure the air conditioner, heats, defogs, and ventilates efficiently, replace the filter regularly. To replace the filter, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

**The filter should be replaced if the air flow decreases significantly or if windows fog up easily when operating the climate control system.**

## AUDIO SYSTEM (where fitted)

### SERVICING CLIMATE CONTROL

The climate control system in the NISSAN vehicle is charged with a refrigerant designed with the environment in mind. **This refrigerant will not harm the earth's ozone layer.** Special charging equipment and lubricant are required when servicing the NISSAN climate control system. Using improper refrigerants or lubricants will cause severe damage to the climate control system. (See "Capacities and recommended fluids/lubricants" in the "9. Technical information" section for climate control system refrigerant and lubricant recommendations.)

A knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer will be able to service the environmentally friendly climate control system.



#### WARNING

**The system contains refrigerant under high pressure. To avoid personal injury, any climate control service should be done only by an experienced technician with the proper equipment.**

### AUDIO OPERATION PRECAUTIONS



#### WARNING

**Do not adjust the audio system while driving so that full attention may be given to vehicle operation.**

The audio system operates when the power switch is in the ACC or ON position.

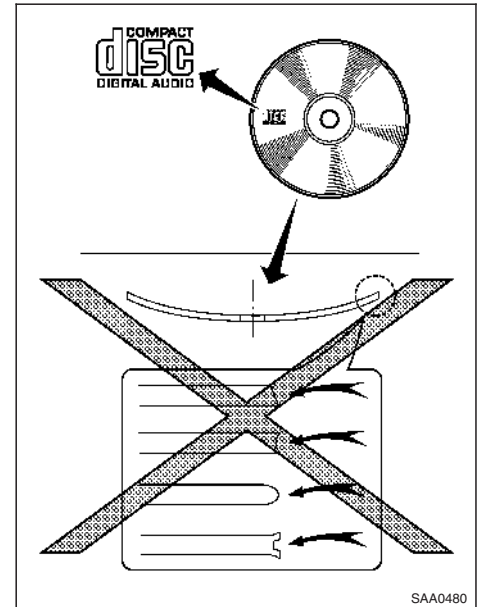
#### Radio

- Radio reception is affected by station signal strength, distance from radio transmitter, buildings, bridges, mountains and other external influences. Intermittent changes in reception quality normally are caused by these external influences.
- Using a mobile phone in or near the vehicle may influence radio reception quality.

#### Compact Disc (CD) player

- During cold weather or rainy days, the player may malfunction due to the humidity. If this occurs, remove the CD from CD player and dehumidify or ventilate the player completely.
- The player may skip while driving on rough roads.
- The CD player sometimes may not function when the passenger compartment temperature is extremely high. Lower the temperature before use.
- Do not expose the CD to direct sunlight.
- CDs that are of poor quality, or are dirty, scratched, covered with fingerprints, or that have pin holes may not work properly.

- The following CDs may not work properly.
  - Copy control compact discs (CCCD)
  - Recordable compact discs (CD-R)
  - Rewritable compact discs (CD-RW)



- Do not use the following CDs as they may cause the CD player to malfunction.
  - 8 cm (3.1 in) discs

- CDs that are not round
- CDs with a paper label
- CDs that are warped, scratched or have unusual edges.
- This audio system can only play prerecorded CDs. It has no capabilities to record or burn CDs.
- If the CD cannot be played, a notification message will be displayed.

Remove the CD by pushing the  (Eject) button, and

- Confirm that the CD is inserted correctly (the label side is facing up, etc.).
- Confirm that the CD is not bent or warped and it is free of scratches.
- Confirm that the disc is CD and not a DVD.
- Confirm that the disc is recorded with audio files.

## USB (Universal Serial Bus) connection port




### WARNING

**Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.**

### CAUTION

- **Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the connection port may damage the connection port.**

- **Make sure that the USB device is connected correctly into the USB connection port. Some USB devices come with a  mark as a guide. Make sure that the mark is facing the correct direction before inserting the device.**
- **Do not grab the USB connection port cover (where fitted) when pulling the USB device out of the connection port. This could damage the connection port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the connection port.**

The vehicle does not come equipped with a USB device. USB devices should be purchased separately as necessary.

This system cannot be used to format USB devices. To format a USB device, use a personal computer.

This system supports various USB connection port devices, USB hard drives and iPod players. Some USB devices may not be supported by this system.

- Partitioned USB devices may not play correctly.
- Some characters used in other languages (Chinese, Japanese, etc.) may not appear properly in the display. Using English language characters with a USB device is recommended.

### General notes for USB use:

Refer to your device manufacturer's owners manual regarding the proper use and care of the device.

### Notes for iPod use:

iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

- Improperly plugging in the iPod may cause a checkmark to be displayed on and off (flickering). Always make sure that the iPod is connected properly.
- An iPod nano (1st Generation) may remain in fast forward or rewind mode if it is connected during a seek operation. In this case, please manually reset the iPod.
- An iPod nano (2nd Generation) will continue to fast-forward or rewind if it is disconnected during a seek operation.
- An incorrect song title may appear when the Play Mode is changed while using an iPod nano (2nd Generation)
- Audiobooks may not play in the same order as they appear on an iPod.
- Large video files cause slow responses in an iPod. The vehicle centre display may momentarily black out, but will soon recover.
- If an iPod automatically selects large video files while in the shuffle mode, the vehicle centre display may momentarily black out, but will soon recover.

## Bluetooth® audio player (where fitted)

- Some Bluetooth audio devices may not be used with this system. For detailed information about Bluetooth audio devices that are available for use with this system, visit your regional NISSAN web site, for example, <http://www.nissan.co.uk/GB/en/YouPlus.html>; or contact a NISSAN certified electric vehicle dealer or a qualified workshop.

- Before using a Bluetooth audio system, the initial registration process for the audio device is necessary.
- Operation of the Bluetooth audio system may vary depending on the audio device that is connected. Confirm the operation procedure before use.
- The playback of Bluetooth audio will be paused under the following conditions. The playback will be resumed after the following conditions are completed:
  - while using a mobile phone.
  - while checking a connection with a mobile phone.
- The in-vehicle antenna for Bluetooth communication is built in the audio system. Do not place the Bluetooth audio device in an area surrounded by metal, far away from the system or in a narrow space where the device closely contacts the body or the seat. Otherwise, sound degradation or connection interference may occur.
- While a Bluetooth audio device is connected through the Bluetooth wireless connection, the battery power of the device may discharge quicker than usual.
- This system is compatible with the Bluetooth® AV profile (A2DP and AVRCP ver. 1.3, 1.0 or earlier).



Bluetooth® is a trademark owned by Bluetooth SIG, Inc., and licensed to Daewoo IS Corp.

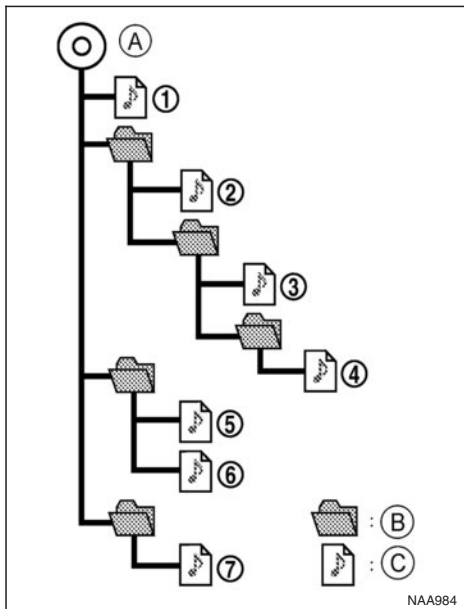
## Compact Disc/USB memory with MP3 or WMA (where fitted)

### Terms:

- **MP3** — MP3 is short for Moving Pictures Experts Group Audio Layer 3. MP3 is the most well known compressed digital audio file format. This format allows for near “CD quality” sound, but at a fraction of the size of normal audio files. MP3 conversion of an audio track from CD can reduce the file size by approximately 10:1 ratio Sampling: 44.1 kHz, Bit rate: 128 kbps) with virtually no perceptible loss in quality. MP3 compression removes the redundant and irrelevant parts of a sound signal that the human ear doesn’t hear.
- **WMA** — Windows Media Audio (WMA)\* is a compressed audio format created by Microsoft as an alternative to MP3. The WMA codec offers greater file compression than the MP3 codec, enabling storage of more digital audio tracks in the same amount of space when compared to MP3s at the same level of quality.
- **Bit rate** — Bit rate denotes the number of bits per second used by a digital music files. The size and quality of a compressed digital audio file is determined by the bit rate used when encoding the file.
- **Sampling frequency** — Sampling frequency is the rate at which the samples of a signal are converted from analog to digital (A/D conversion) per second.
- **Multisession** — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.

- **ID3/WMA Tag** — The ID3/WMA tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as track title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.

\* Windows® and Windows Media® are registered trademarks and/or trademarks of Microsoft Corporation in the United States of America and/or other countries.



- The names of folders not containing MP3/WMA files are not shown in the display.
- If there is a file in the top level of the disc, the folder name is displayed.
- The playback order is the order in which the files were written by the writing software, so the files might not be played in the desired order.

- A. Root folder
- B. Folder
- C. Audio file

**Playback order:**

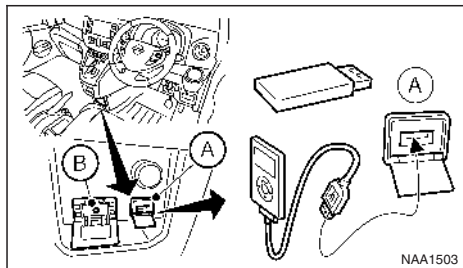
Music playback order of the CD with MP3 or WMA is as illustrated above.

## Troubleshooting guide:

Symptom	Cause and Countermeasure
Cannot play	Check if the disc was inserted correctly.
	Check if the disc is scratched or dirty.
	Check if there is condensation inside the player, and if there is, wait until the condensation is gone (about 1 hour) before using the player.
	If there is a temperature increase error, the CD player will play correctly after it returns to the normal temperature.
	If there is a mixture of music CD files (CD-DA data) and MP3/WMA/AAC files on a CD, only the music CD files (CD-DA data) will be played.
	Files with extensions other than ".MP3", ".WMA", ".mp3", or ".wma" cannot be played. In addition, the character codes and number of characters for folder names and file names should be in compliance with the specifications.
	Check if the disc or the file is generated in an irregular format. This may occur depending on the variation or the setting of MP3/WMA writing applications or other text editing applications.
	Check if the finalisation process, such as session close and disc close, is done for the disc.
Poor sound quality	Check if the disc is scratched or dirty.
	Check if the disc is protected by copyright.
It takes a relatively long time before the music starts playing.	If there are many folder or file levels on the MP3/WMA disc, or if it is a multisession disc, some time may be required before the music starts playing.
Music cuts off or skips	The writing software and hardware combination might not match, or the writing speed, writing depth, writing width, etc., might not match the specifications. Try using the slowest writing speed.
Skipping with high bit rate files	Skipping may occur with large quantities of data, such as for high bit rate data.
Move immediately to the next song when playing.	When a non-MP3/WMA file has been given an extension of ".MP3", ".WMA", ".mp3", or ".wma", or when play is prohibited by copyright protection, the player will skip to the next song.
The songs do not play back in the desired order.	The playback order is the order in which the files were written by the writing software, so the files might not play in the desired order.



## AUXILIARY (AUX/USB) SOCKET

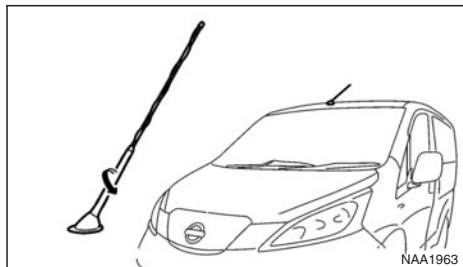


Ⓐ USB connection port

Ⓑ AUX socket for the stereo jack plug

For details, see the audio description as described later in this section or see the separately provided navigation system owner's manual.

## ANTENNA



## Removing antenna

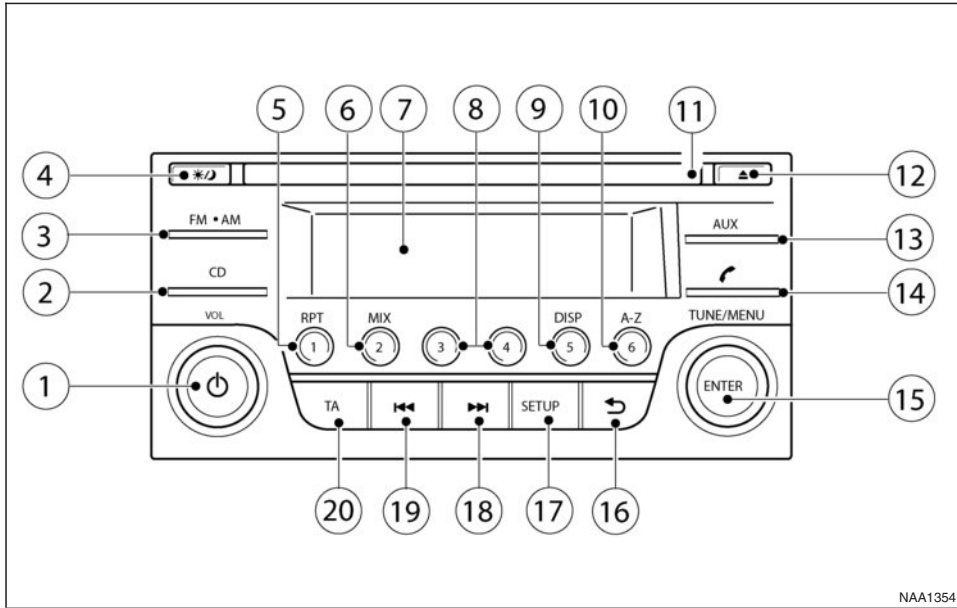
You can remove the antenna if necessary.

Hold the bottom of the antenna and remove by turning anticlockwise.

To install the antenna, turn the antenna clockwise and tighten.

### CAUTION

- Be sure to remove the antenna before the vehicle enters a garage with a low ceiling.
- Be sure that antenna is removed before the vehicle enters an automatic car wash.



- 9. Radio mode: Preset button  
Audio unit mode: Display <DISP> button
- 10. Radio mode: Preset button  
CD, AUX or Phone mode: Quick search button
- 11. CD slot
- 12. CD eject button
- 13. Auxiliary <AUX> source button
- 14. Telephone button
- 15. Radio mode: <TUNE> dial  
Audio unit mode: <MENU> dial  
Confirmation <ENTER> button
- 16. Back button
- 17. <SETUP> button
- 18. Fast Forward (Cue) play/Forward Track button
- 19. Fast Reverse (Review) play/Reverse Track button
- 20. Traffic announcement <TA> button

### FM AM RADIO WITH CD PLAYER (where fitted)

- 1. Power ON/OFF button/Volume control <VOL> knob
- 2. <CD> play mode button
- 3. <FM•AM> button
- 4. ☀️🌙 (Day/Night) button
- 5. Radio mode: Preset button  
CD mode: Repeat <RPT> button
- 6. Radio mode: Preset button  
CD mode: <MIX> button
- 7. Display
- 8. Radio mode: Preset buttons

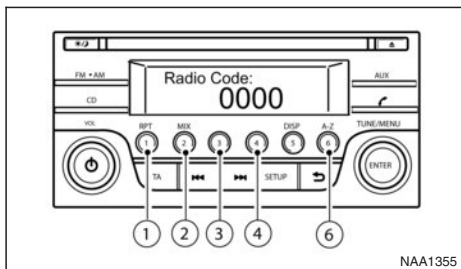
## Anti-theft system

Use of a 4-digit radio PIN (Personal Identification Number) code, known only to the vehicle owner, effectively reduces the possibility of the audio unit being stolen. Without the PIN code the audio unit cannot be activated.

If force is used to try and remove the audio unit, the Anti-theft system activates and the audio unit is locked. The only way to unlock the audio unit is to enter the radio code number shown on an identification card supplied with the vehicle documentation.

### NOTE

- **The 4 digit radio code is shown on a card that you received with your vehicle documentation.**
- **Record the 4 digit radio code on the “Security information” page at the end of this manual. Remove the security page and keep it in a safe, not in the vehicle.**
- **Contact a NISSAN dealer if you do lose the 4 digit radio code of the audio unit.**



### Unlocking the unit:


If the battery supply to the vehicle is interrupted, the audio unit will lock.

When the power is restored and the unit switched on, the display will show [Radio Code:] and it will be unlocked when the codes have been entered correctly.

### Unlocking procedure:

**Read this section very carefully. It is important that the instructions are followed precisely.**

To unlock the audio unit, proceed as follows:

1. Place the power switch in the ACC or ON position.
2. Switch on the audio unit by pressing the power ON/OFF  button.
3. [Radio Code:] is displayed along with four numerical zero digits.
4. Press preset button ① the number of times corresponding with the first digit of the radio code.

For example, if the radio code is 5169: for the first digit, “5”, press the preset button ① five times.

5. The second, third, and fourth digits of the radio code must be entered, in the same way, only now using preset buttons ②, ③, and ④.

For example, press ② once, ③ six times, and ④ nine times.

6. Press with a long press preset button <⑥> to confirm the code. If you entered the code correctly the unit will switch on.
7. If the code is entered incorrectly a notification message ([INCORRECT PIN]) and the number of attempts left ([REMAINING TRIES: XX]) will be shown.

After reading the message, press the <ENTER> button to return to the entry screen and enter the correct radio code.


- If the wrong code is entered after the third attempt, the audio unit will lock for 60 minutes. The display will show a count down timer from 60 to 0 (minutes). After 60 minutes enter the correct radio code.
- If the wrong code is entered after eight sets of three entries, the audio unit will lock permanently. Contact a NISSAN dealer for further details.

## Audio main operation


The audio unit operates when the power switch in the ACC or ON position.



### Power ON/OFF button:

Press the  button to switch on the audio unit. If the audio unit was switched off using the power switch, it can also be switched on with the power switch. The source that was playing immediately

before the unit was switched off will resume playing and the volume will be set to the previous volume level.

The audio unit can be switched off by pressing , or placing the power switch in the OFF or LOCK position.



#### Volume (VOL) level control:

Turn the <VOL> dial clockwise or anticlockwise to adjust the volume level.

The audio unit is equipped with a speed control volume function, this means that the audio system automatically adjusts the volume level in relation to vehicle speed. For details, see "SETUP button" later in this section.



#### Day/Night button:


The illumination brightness level is linked to the headlight switch. When the headlights are switched on, the brightness is dimmed automatically. Press the button to switch between daytime and nighttime mode independent of headlamp status.

#### AUX button:

The AUX IN socket is located on the opposite side of the power outlet. The AUX IN audio socket accepts any standard analog audio input such as from a portable cassette tape/CD player, MP3 player, laptop computers, etc.

When the jack of a compatible audio device is plugged into the AUX IN socket, press the <AUX> button.

## Radio operation

When the  (power ON/OFF) button is pressed, the audio unit will switch on with the last received radio station, if the audio unit was previously switched off in radio mode.



#### Radio band select buttons:

Press the <FM•AM> button repeatedly to change the reception wave band as follows:

FM1 → FM2 → FMT → AM → FM1

When <FM•AM> button is pressed, the radio will come on at the last received radio station. If the CD or AUX source mode is already playing, pressing the <FM•AM> button will switch off the playing source mode and the last received radio station will be selected.

#### FM Auto store:

When the <FM•AM> button is pressed for more than 1.5 seconds the six stations with the strongest frequencies are stored in the preset (1 to 6) buttons of the FMT band. During the search, a notification message [AUTOSTORE] appears in the display and the sound is muted until the operation is complete. Once completed, the radio selects preset button ①.



#### Manual tuning:

When adjusting the broadcasting station frequency manually, turn the <TUNE/MENU> dial until the desired station is tuned in.

The frequency increases or decreases in steps of 100 kHz on the FM band, and 9 kHz on the AM band.





#### WARNING

**The radio should not be tuned while driving in order for full attention to be given to the driving operation.**



#### SEEK tuning buttons:

Pressing the  or  button starts the tuning mode. The radio tuner seeks from low to high or high to low frequencies and stops at the next broadcasting station. During seek mode, the audio output is muted. If no broadcasting station can be found within the complete band cycle, it will return to the initial frequency.

#### Preset station buttons ①②③④⑤⑥:

Pressing a preset button for less than 2 seconds will select the stored radio station.

Pressing a preset button for more than 2 seconds will cause the station currently being received to be stored against that preset button.

- Eighteen stations can be stored in the FM band. (Six each for FM1, FM2 and FMT)
- Six stations can be set for the AM band.

If the battery is disconnected, or if the fuse blows, the radio memory will be erased. In that case, reset the desired stations after battery connection or fuse replacement.

#### Radio data system (RDS) operation:

The RDS is a system through which encoded digital information is transmitted by FM radio stations in addition to the normal FM radio broadcasting. The RDS provides information services such as station name, traffic information, or news.

## NOTE

In some countries or regions, some of these services may not be available.

### Alternative Frequency (AF) mode:

The AF mode operates in the FM (radio) mode.

- The AF mode operates both in the FM (radio), AUX or CD mode (if FM was previously selected in the radio mode).
- The AF function compares signal strengths and selects the station with the optimum reception conditions for the currently tuned-in station.

### Programme Service (PS) function (station name display function):

When an RDS station is tuned in with seek or manual tuning, the RDS data is received and the PS name is displayed.

### TA Traffic announcement (where fitted):

This function operates in FM (Radio), CD or AUX mode.

- Pressing the <TA> button selects the TA mode. The TA indicator is displayed while TA mode is on.
- When <TA> is pressed again. The mode will be switched off and the TA indicator will disappear from the display.

### Traffic announcement interrupt function (where fitted):

When a traffic announcement is received, the announcement is tuned in and the display shows a notification message with the radio station name.


Once the traffic announcement has finished, the unit returns to the source that was active before the traffic announcement started.

If <TA> is pressed during a traffic announcement, the traffic announcement interrupt mode is cancelled. The TA mode returns to the standby mode and the audio unit returns to the previous source.

## SETUP button

To configure Audio, Clock, Bluetooth, Language or Scroll direction settings, perform the following procedure:

1. Press the <SETUP> button.
2. Turn the <TUNE/MENU> dial clockwise or anticlockwise until the desired mode is displayed.  
[Audio] ⇄ [Clock] ⇄ [Bluetooth] ⇄ [Language] ⇄ [Scroll Direction]
3. Press the <ENTER> button to confirm the selection.

After the desired levels have been set, press either the  (Back) button repeatedly, the <SETUP> button, or wait for 8 seconds without pressing any buttons to exit the menu screen.

### Audio adjustments:

The [Audio] set up screen will appear when selecting the [Audio] item from the set up menu.

Each time the <ENTER> button is pressed, the mode will change as follows:

[Bass] → [Treble] → [Balance] → [Fade] → [AUX VOL] → [SPD VOL] → setup menu screen [Audio] → [Bass]

### Bass control:

Use this control to enhance or attenuate bass response sound.

Turn the <TUNE/MENU> dial clockwise or anticlockwise to adjust the bass settings then press <ENTER> to confirm.

### Treble control:

Use this control to enhance or attenuate the treble.

Turn the <TUNE/MENU> dial clockwise or anticlockwise to adjust the treble settings then press <ENTER> to confirm.

### Balance control:

Use this control to adjust the balance of the volume between the left and right speakers.

Turn the <TUNE/MENU> dial anticlockwise or clockwise to adjust the left/right balance then press <ENTER> to confirm.

### Fade (Fader) control:

Use this control to adjust the balance of the volume between the front and rear (where fitted) speakers.

Turn the <TUNE/MENU> dial anticlockwise or clockwise to adjust the front/rear balance then press <ENTER> to confirm.

### AUX VOL (Auxiliary volume) control:

Use this control to adjust the volume output from the auxiliary source.

Turn the <TUNE/MENU> dial anticlockwise or clockwise to select [LO], [MID], or [HI] mode then press <ENTER> to confirm.

### SPD VOL (Speed volume) control:

This mode controls the volume output from the speakers automatically in relation to vehicle speed.

When [SPD VOL] is displayed, turn the <TUNE/MENU> dial clockwise or anticlockwise to adjust the volume level.

Adjusting the setting to 0 (zero) turns off the speed volume feature. Increasing the speed volume setting results in the audio volume increasing more rapidly with vehicle speed. Once chosen, press <ENTER> to save the setting.

### Clock setting

The [Clock] set up screen will appear when selecting the [Clock] item from the set up menu.

Turn the <TUNE/MENU> dial clockwise or anticlockwise, the mode will change as follows:

[Set Time] ⇄ [On/Off] ⇄ [Clock Format] ⇄ [Set Time]

#### [Set Time]:


Select [Set Time] then adjust the clock as follows:

1. The hour display will start flashing. Turn the <TUNE/MENU> dial to adjust the hour.
2. Press the <ENTER> button. The minute display will start flashing.
3. Turn the <TUNE/MENU> dial to adjust the minute.
4. Press <ENTER> to finish the clock adjustment.

#### [On/Off]:

Set the clock display between on or off when the audio unit is turned off.

If set in the [ON] position, the clock will be displayed

when the audio unit is turned off either by pressing the  button or when the power switch is placed in the OFF position.

#### [Clock Format]:

Set the clock display between 24-hour mode and 12-hour clock mode.

### Scroll direction

The [Scroll Direction] set up screen will appear when selecting the [Scroll Direction] item from the set up menu.

Sets the scroll direction of the <TUNE/MENU> dial. For example, to change the way in which you turn the dial (anticlockwise or clockwise) in order to scroll up or down a list.

### Display brightness (Day/Night mode) (where fitted)

Press the <SETUP> button with a long press to switch the display brightness between the daytime and nighttime mode.

### Compact Disc (CD) operation

The CD player can play a music CD or an encoded MP3/WMA CD and while listening to those CD's certain text might be able to be displayed (when CD encoded with text is being used).

Press the <CD> button and the CD (if loaded) will start to play.

When <CD> is pressed and the radio or AUX source mode is already operating, it will automatically turn off the playing source and the CD play mode will start.

However, if the CD disc is not loaded, then a notification message will be displayed and the audio unit remains in radio or AUX source mode.

#### CAUTION

- Do not force the CD into the slot. This could damage the player.
- Do not use 8 cm (3.1 in) discs.

#### CD insert (CD player):

Insert the CD disc into the slot with the label side facing up. The disc will be guided automatically into the slot and will start playing. After loading the disc, track information will be displayed.

#### CAUTION

Do not force the CD into the slot. This could damage the player.

#### NOTE

- The CD player accepts normal audio CD or CD recorded with MP3/WMA files.
- Inserting a CD recorded with MP3/WMA files, the audio unit will automatically detect the format.
- An error notification message will be displayed when inserting a wrong disc type (for example DVD), or the player cannot read the CD disc. Eject the disc and insert another disc.


 button:

Press the <CD> button to start playing the loaded CD. Playing starts from the track that was being played when the CD play mode was switched off. If

the CD is not loaded, then a notification message will be displayed and the audio unit remains in the radio or AUX source mode.

#### Audio main operation:

##### List view:

While the track is being played, press either the <ENTER> or  button to display the available tracks in a listed view mode. To select a track from the list, or a track to start listening from, turn the <TUNE/MENU> dial then press <ENTER>.



##### Quick search:

In the list view mode, quick search can be performed to find a track from the list.

Push the <A-Z ⑥> button then turn the <TUNE/MENU> dial for the first alphabetic/numerical letter of the track title then press <ENTER>. When found, a list of the available tracks will be displayed. Select, and press <ENTER> to play the preferred track.







**Fast Forward (Cue), Fast Reverse (Rewind) buttons:**



When the  or  button is pressed continuously, the track will be played at high speed. When the button is released, the track will be played at normal playing speed.





**Track up/down buttons:**

Pressing the  or  button once, the track will be skipped forward to the next track or backward to the beginning of the current played track. Press the  or  button more than once to skip through the tracks.


#### Folder browsing:

If the recorded media contains folders with music files, pressing the  or  button will play in sequence the tracks of each folder.

To select a preferred folder:

1. Press the <ENTER> or  button and a list of tracks in the current folder is displayed.
2. Press the  button.
3. Turn the <TUNE/MENU> dial for the preferred folder.
4. Press <ENTER> to access the folder. Press <ENTER> again to start playing the first track or turn the <TUNE/MENU> dial, and press <ENTER> to select another track.

If the current selected folder contains sub folders, press <ENTER>, a new screen with a list of sub folders will be displayed. Turn the <TUNE/MENU> dial for the sub folder then press <ENTER> to select. Select the root folder item when songs are recorded additionally in the root folder.

To return to the previous folder screen, press  .



**Repeat button:**

Push the <RPT>/① button and the current track will be played continuously.



**button:**

Push the <MIX>/② button and all the tracks will be played in a random order.



**button:**

While a CD with recorded music information tags (CD-text/ID3-text tags) is being played, the title of the played track is displayed. If the title information is not provided then [Track] is displayed.

When the <DISP>/⑤ button is pressed repeatedly, further information about the track can be displayed along with the track title as follows:

CD:

Track time → Artist name → Track title → Album title → Track time

CD with MP3/WMA:

Track time → Artist name → Album title → Folder name → Track time

#### Track details:

A long press on the <DISP>/⑤ button will turn the display into a detailed overview and after a few seconds it returns to the main display, or press <DISP>/⑤ briefly.



**CD eject button:**


Press the  (eject) button and the CD will be ejected.

#### Ejecting CD (with power switch in OFF or LOCK):

When the power switch is in the OFF or LOCK position it is possible to eject the currently played CD. However the audio unit will not be activated.

Press the  button and the CD will be ejected.

## NOTE

- When the CD is ejected and not removed within 8 seconds, it will automatically retract into the slot to protect it from damage.
- If an error message appears in the display, press  to eject the faulty CD and insert another CD or check if the ejected CD is inserted upside down.

## AUX (Auxiliary) mode

For the location of the AUX-USB sockets, see "AUXILIARY (AUX/USB) socket" earlier in this section.

### AUX operation (Stereo jack plug):

Connect the cable with the stereo jack plug of a compatible player (e.g. MP3 player) to the AUX socket.

Press the <AUX> button for the AUX mode.

### Connecting a device to the USB connection port

(  ):



#### WARNING

**Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.**


### CAUTION

- Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the connection port may damage the connection port. Make sure that the USB device is connected correctly into the USB connection port.

- Do not grab the USB connection port cover (where fitted) when pulling the USB device out of the connection port. This could damage the connection port and the cover.
- Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage connection port.

Refer to your device manufacturer's owners manual regarding the proper use and care of the device.

Connect a USB memory stick or the cable with the USB plug of a USB audio player in the USB connection port. The display will show a notification message, for a few seconds, that it is reading the data.

If the audio system has been turned off while the USB device was playing, pressing  will start the USB operation.

### AUX button:

To operate the USB device use one of the following methods:

- Press the <AUX> button then turn the <TUNE/MENU> dial to the [USB] item. Once highlighted, press <ENTER>.
- Press <AUX> repeatedly until [USB] is highlighted, then press <ENTER>.

### Audio main operation:

The following operations are identical to the audio main operation of the Compact Disc (CD) operation. For details, see "Audio main operation" earlier in this section.


- List view
- Quick search



- MIX (Random play)
- RPT (Repeat track)
- Folder browsing



**DISP**  button:

While a track with recorded music information tags (ID3-tags) is being played, the title of the played track is displayed. If the tags are not provided then a notification message is displayed.

When the <DISP>/ button is pressed repeatedly, further information about the track can be displayed along with the track title as follows:

Track time → Artist name → Album title → Folder name → Track time

### Track details:

A long press on the <DISP>/ button will turn the display into a detailed overview and after a few seconds it returns to the main display, or press <DISP>/ briefly.

### Connecting iPod to the USB connection port

(  ):



#### WARNING

**Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.**




## CAUTION

- **Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the connection port may damage the connection port. Make sure that the USB device is connected correctly into the USB connection port.**
- **Do not grab the USB connection port cover (where fitted) when pulling the USB device out of the connection port. This could damage the connection port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage connection port.**

Refer to your device manufacturer's owners manual regarding the proper use and care of the device.

Connect the iPod cable with USB plug in the USB connection port (or place the iPod Touch or iPhone in the iPod Touch/iPhone holder (where fitted)). The display will show a notification message, for a few seconds, that it is reading the data.

If the audio system has been turned off while the iPod was playing, pressing  will start the iPod operation. During the connection, the iPod can only be operated with the audio controls.

\* iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

## Compatibility:

The following compatible models are:

- iPhone 3GS (firmware version 3.1.2 or later)
- First generation:  
iPod nano (firmware version 1.3.1 or later)

iPod touch (firmware version 2.2.1 or later)  
iPhone (firmware version 2.2.1 or later)

- Second generation:  
iPod touch (firmware version 3.1.2 or later)  
iPod nano (firmware version 1.1.3 or later)  
iPhone 3G (firmware version 3.1.3 or later)
- Third generation  
iPod touch (firmware version 3.1.3 or later)  
iPod nano (firmware version 1.1.3 PC or later)
- Fourth generation: iPod Classic (firmware version 3.1.1 or later)
- Fifth generation:  
iPod Nano (firmware version 1.0.2 PC or later)  
iPod Video (firmware version 1.3 or later)
- Sixth generation:  
iPod Classic 80GB (firmware version 1.1.2PC or later)  
iPod Classic 120GB (firmware version 1.1.2 or later)  
iPod Classic 160GB (firmware version 2.0.4 PC or later)

## NOTE

- **At the time of publication, this audio system was tested with the latest iPod players/iPhone available. Due to the frequent update of consumer devices like MP3 players, NISSAN cannot guarantee that all new iPod players/iPhone launched will be compatible with this audio system.**
- **Some iPod operations may not be available with this system.**
- **Make sure that the iPods/iPhones is updated with the latest firmware.**

- **iPod Shuffle and iPod mini cannot be used with this system.**

## AUX button:

To operate the iPod use one of the following methods:

- Press the <AUX> button then turn the <TUNE/MENU> dial for the [iPod] item. Once highlighted, press <ENTER>.
- Press <AUX> repeatedly until [iPod] is highlighted then press <ENTER>.

## Interface:

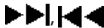
The interface for iPod/iPhone operation shown on the audio system display is similar to the iPod/iPhone interface. Use the <TUNE/MENU> dial and the <ENTER> button to play a track on the iPod/iPhone.

The following items can be chosen from the menu list screen.

- [Playlists]
- [Artist]
- [Albums]
- [Songs]

For further information about each item, see the iPod/iPhone owner's manual.


The following operations are identical to the audio main operation of the Compact Disc (CD) operation. For details, see "Audio main operation" earlier in this section.

- List view
- Quick search
- 
- MIX (Random play)

- RPT (Repeat track)
- Folder browsing



### DISP button:

While a track with recorded music information tags (ID3-tags) is being played, the title of the played track is displayed. If the tags are not provided then a notification message is displayed.

When the <DISP>/ button is pressed repeatedly, further information about the track can be displayed along with the track title as follows:

Track time → Artist name → Album title → Track time

#### Track details:


A long press on the <DISP>/ button, the screen displays the song title, artist name, and album title. After a few seconds it returns to the main display or press <DISP>/ briefly.

## Bluetooth® operation

### BLUETOOTH® settings:

#### NOTE

The audio system only supports Bluetooth® devices with AVRCP (Audio Video Remote Control Profile) version 1.3, or 1.0 or earlier.

To set up the Bluetooth system with your preferred device, push the <SETUP> button and select [Bluetooth], then push the <ENTER> button or alternatively, press the  button. The following items are available:

- [Pair Device]

Bluetooth devices can be paired with the system. A maximum of 5 Bluetooth devices can be registered.

- [Select Device]

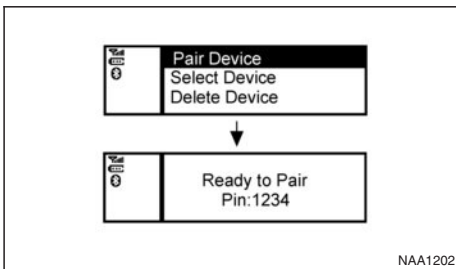
Paired Bluetooth devices are listed and can be selected for connection.

- [Delete Device]

A registered Bluetooth device can be deleted.

- [On/Off]

If this setting is turned off, the connection between the Bluetooth devices and the in-vehicle Bluetooth module will be cancelled.



#### [Pair Device]:

1. Press the <SETUP> button. Select the [Bluetooth] key using the <TUNE/MENU> dial. Then press the <ENTER> button.

You can register up to 5 different Bluetooth mobile phones. However, you can only use one device at a time. If you have 5 different Bluetooth registered devices, a new device can only replace

one of the 5 existing paired devices. Use [Delete Device] key to delete one of the existing paired devices. For details, see "[Delete Device]" later in this section.

2. Select the [Pair Device] key.

The pairing procedure depends on the connected device:

- Mobile phone:

The message [Ready to Pair] [Pin Code:] will be displayed.

- Audio device without PIN code:

The Bluetooth connection will be automatically connected without any further input.

- Audio device with PIN code:

A new screen will appear. Assign the 4 digit PIN code by turning the <TUNE/MENU> dial to each code and press the <ENTER> button to confirm. Then select [Validate] and press <ENTER>. The Bluetooth connection will be made.

The 4-digit PIN code is provided with the audio device, see the owner's manual of the audio device.

3. On Bluetooth® audio/mobile phone devices.

- 1) Switch on the Bluetooth® connection, if not already switched on.
- 2) Switch on the search mode for Bluetooth® devices. If the search mode finds a device it will be shown on the device display.
- 3) When a device is found use the <TUNE/MENU> dial to scroll to, and press <ENTER> to select [My Car].

- Enter the number code shown on the relevant device with the device's own keypad, and press the confirmation key on the device itself. Refer to the relevant Bluetooth® device owner's manual for further details.

When successfully paired a notification message will be displayed, then the audio system display will return to the current audio source display. During connection the following status icons will be displayed (top left of the display): Signal strength (📶), Battery status\* (🔋) and Bluetooth "ON" (📶).

\*: If the low battery message comes on, the Bluetooth® device must be recharged soon.

The pairing procedure and operation may vary according to device type and compatibility. See the Bluetooth® owner's manual for further details.

#### NOTE

- For device details, see your audio/mobile phone Owner's Manual.
- For assistance with the Bluetooth® audio/mobile phone integration, please visit your local NISSAN dealer or qualified workshop.

#### [Select Device]:

The paired device list shows which Bluetooth® audio or mobile phone devices have been paired or registered with the Bluetooth® audio system. If the list contains devices then select the appropriate device to connect to the Bluetooth® audio system.

The following symbols (where fitted) indicate the capability of the registered device:

- 📶 : Mobile phone integration

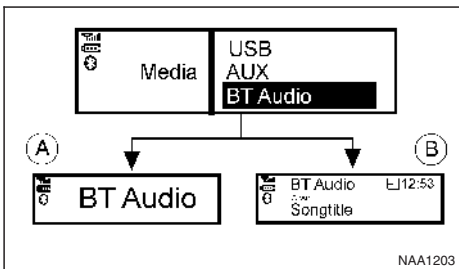
- 🎵 : Audio streaming (A2DP – Advanced Audio Distribution Profile)

#### [Delete Device]:

A registered device can be removed from the Bluetooth audio system. Select a registered device then press <ENTER> to confirm to deletion.

#### [On/Off]:

If Bluetooth® has been switched off a notification message [On/Off] appears when you select [Bluetooth] from the setup menu screen, or press 📶. To switch the Bluetooth® signal on, press <ENTER> and a follow up screen will appear. Then select [On] and press <ENTER> to display the Bluetooth® settings menu screen.



#### Bluetooth® audio streaming main operation:

Place the power switch in the ACC or ON position. If the audio system was turned off while the Bluetooth® audio was playing, pressing the 📶 button will start the Bluetooth® audio streaming.

#### AUX button:

To operate the Bluetooth audio streaming use one of the following methods:

- Press the <AUX> button, then turn the <TUNE/MENU> dial to highlight [BT Audio], and press <ENTER> dial.
- Press <AUX> repeatedly until [BT Audio] is highlighted, then press <ENTER>.

The type of display, (A) or (B), shown on the audio system can vary depending on the Bluetooth® version of the device.



#### Fast Forward (Cue), Fast Reverse (Review) buttons:

When the ►► (Cue) or ◀◀ (Review) button is pressed continuously, the track will be played at high speed. When the button is released, the track will be played at normal playing speed.



#### Track up/down buttons:

Pressing the ►► or ◀◀ button once, the track will be skipped forward to the next track or backward to the beginning of the current played track. Press the ►► or ◀◀ button more than once to skip through the tracks.

#### Play/Pause:

Press the <ENTER> button to pause. To resume, press <ENTER> again.



#### DISP button (Type B display screen only)

If the song contains music information tags (ID3-tags), the title of the played song will be displayed. If tags are not provided then the display will not show any messages.

When the <DISP>/⑤ button is pressed repeatedly further information about the song can be displayed along with the song title.

A long press on <DISP>/⑤ will turn the display into a detailed overview which after a few seconds returns to the main display; or press <DISP>/⑤ briefly.

### Bluetooth® mobile phone feature

This system offers a hands-free facility for your mobile telephone with Bluetooth® to enhance driving safety, and comfort.

For details, see "Mobile phone integration (FM-AM radio with CD player)" later in this section.

## Specification chart

Supported media		CD, CD-R, CD-RW	
Supported file systems		ISO9660 LEVEL1, ISO9660 LEVEL2, Romeo, Joliet * ISO9660 Level 3 (packet writing) is not supported. * Files saved using the Live File System component (on a Windows Vista-based computer) are not supported.	
Supported versions*1	MP3	Version	MPEG 1, MPEG 2, MPEG 2.5
		Sampling frequency	8 kHz - 48 kHz
		Bit rate	8 kbps - 320 kbps, VBR*4
	WMA*3	Version	WMA7, WMA8, WMA9
		Sampling frequency	32 kHz - 48 kHz
		Bit rate	32 kbps - 192 kbps, VBR *4
Tag information (Song title and Artist name)		ID3 tag VER1.0, VER1.1, VER2.2, VER2.3, VER2.4 (MP3 only) WMA tag (WMA only)	
Folder levels		Folder levels: 8, Folders: 255 (including root folder), Files: 512	
Text character number limitation		128 characters	
Displayable character codes*2		01: ASCII, 02: ISO-8859-1, 03: UNICODE (UTF-16 BOM Big Endian), 04: UNICODE (UTF-16 Non-BOM Big Endian), 05: UNICODE (UTF-8), 06: UNICODE (Non-UTF-16 BOM Little Endian), 07: SHIFT-JIS	

\*1 Files created with a combination of 48 kHz sampling frequency and 64 kbps bit rate cannot be played.

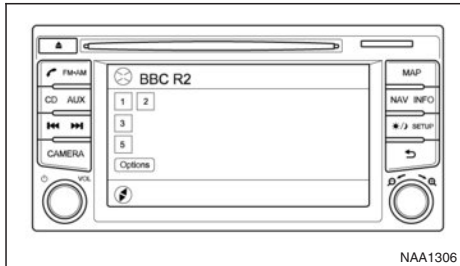
\*2 Available codes depend on what kind of media, versions and information are going to be displayed.

\*3 Protected WMA files (DRM) cannot be played.

\*4 When VBR files are played, the playback time may not be displayed correctly. WMA7 and WMA8 are not applied to VBR.

## MOBILE PHONE INTEGRATION (FM-AM radio with CD player)

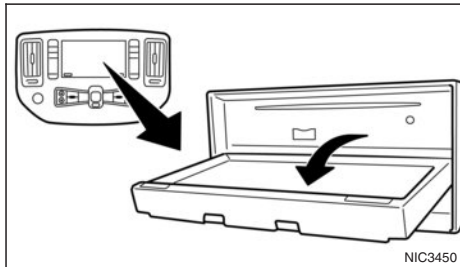
### NISSAN CONNECT™ (where fitted)



NISSAN Connect™, audio with navigation system

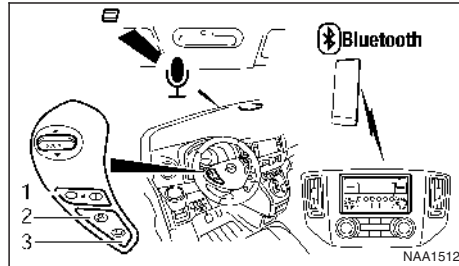
For details, see the separately provided NISSAN Connect™ owner's manual.

### AUDIO AND NAVIGATION SYSTEM (where fitted)



For details, see the separately provided EV Navigation system owner's manual.

### BLUETOOTH® MOBILE PHONE FEATURE



#### WARNING

**Whilst driving, using the mobile phone is extremely dangerous because it significantly impairs your concentration and diminishes your reaction capabilities to sudden changes on the road, and it may lead to a fatal accident. This applies to all phone call situations such as when receiving an incoming call, during a phone conversation, when calling through the phone book search, etc.**

#### CAUTION

**Certain country jurisdictions prohibit the use of the mobile phone in the car without hands-free support.**

This chapter provides information about the NISSAN hands-free phone system using a Bluetooth® connection.

Bluetooth® is a wireless radio communication standard. This system offers a hands-free facility for your mobile telephone to enhance driving comfort.

In order to use your mobile phone with the Bluetooth® of the audio system, the mobile phone must first be setup. For details, see "[Pair Device]" earlier in this section. Once it has been setup, the hands-free mode is automatically activated on the registered mobile phone (via Bluetooth®) when it comes into range.

A notification message appears on the audio display when the phone is connected, when an incoming call is being received, as well as when a call is initiated.

When a call is active, the audio system, microphone (located in the ceiling in front of the rear view mirror), and steering wheel switches enable hands-free communication.

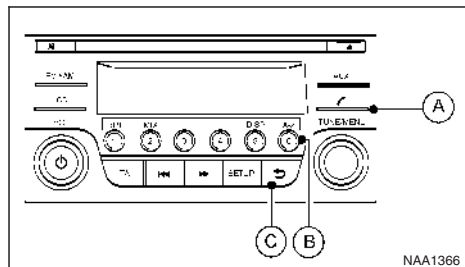
If the audio system is in use at the time, the radio, CD, or AUX source mode will be muted and will stay muted until the active call has ended.


The Bluetooth® system may be not be able to connect with your mobile phone for the following reasons:

- The mobile phone is too far away from the vehicle.
- The Bluetooth® mode on your mobile phone has not been activated.
- Your mobile phone has not been paired with the Bluetooth® system of the audio unit.
- The mobile phone does not support Bluetooth® technology (BT Core v2.0).


## NOTE

- For models with navigation system see the separately provided Owner's Manual.
- For details, see your mobile phone's Owner's Manual.
- For assistance with your mobile phone integration, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.







- (A) Phone button
- (B) Phone book quick search button
- (C)  (Back) button


## BLUETOOTH® settings

To setup the Bluetooth system to pair (connect or register) your preferred mobile phone, push the <SETUP> button, select the [Bluetooth] key, and then push the <ENTER> button. It is also possible to enter the setup menu directly via the  (phone) button.

The following options can be selected:

- [Pair Device]  
Bluetooth mobile phones can be paired with the system. A maximum of 5 Bluetooth mobile phones can be registered.  
For details, see "[Pair Device]" earlier in this section.
  - [Select Device]  
Paired Bluetooth mobile phone () are listed on the display and can be selected for connection.  
For details, see "[Pair Device]" earlier in this section.
  - [Delete Device]  
A registered Bluetooth mobile phone can be deleted.  
For details, see "[Pair Device]" earlier in this section.
  - [On/Off]  
If this setting is turned off, the connection between the Bluetooth devices and the in-vehicle Bluetooth module will be cancelled.  
For details, see "[Pair Device]" earlier in this section.
- When successfully paired, a notification message will be displayed. During the connection the following status icons will be displayed (top left of display): Signal strength () , Battery status () , and Bluetooth () .
- \*: If the low battery message comes on, the Bluetooth® device must be recharged soon.

## HANDS-FREE TELEPHONE CONTROL


The hands-free mode can be operated using the telephone  button on the audio system, or (where fitted) on the steering wheel.

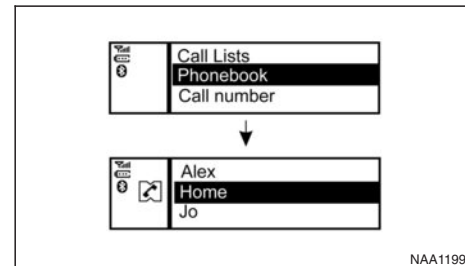
### Initiating a call

A call can be initiated using one of the following methods:

- Redial
- Phone book
- Manual dialling
- Missed calls
- Dialed calls
- Received calls

### Redial:

To redial or call the last number dialed, press  for more than 2 seconds.



### Making a call from the phone book:


Once the Bluetooth® connection has been made, between the registered mobile phone and the audio system, phone book data will be transferred automatically to the audio system. The transfer may take a while before completion.




#### NOTE

Phone book data will be erased when:

- Switching to another registered mobile phone.
- Mobile phone is disconnected.
- The registered mobile phone is deleted from the audio system.

To dial a contact from the phone book proceed as follows:

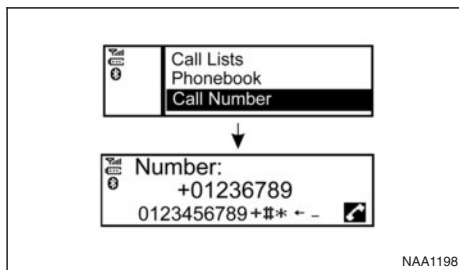
1. Press .
2. Turn the <TUNE/MENU> dial and scroll down to [Phonebook] then press <ENTER>.
3. Scroll down through the list, select the appropriate contact name (highlighted), and press <ENTER>.
4. A following screen will show the number to be dialled. If correct, press <ENTER> again to dial the number.

If the contact has more numbers assigned for  (home),  (mobile), or  (office), scroll, and select the appropriate number to dial.

Alternatively, the quick search mode can be used as follows:

1. Press <A-Z>/.

2. Turn the <TUNE/MENU> dial for the first alphabetic or numerical letter of the contact name. Once highlighted, press <ENTER> to select the letter.
3. The display will show the corresponding contact name(s). Where necessary, use the <TUNE/MENU> dial again to scroll further for the appropriate contact name to call.
4. A following screen will show the number to be dialled. If correct, press <ENTER> again to dial the number.




### Manually dialling a phone number:




#### WARNING



**Park the vehicle in a safe location, and apply the parking brake before making a call.**

To dial a phone number manually use the audio system display (virtual keyboard pad) as follows:

1. Press , and turn the <TUNE/MENU> dial to highlight [Call Number].
2. Press to select [Call Number].

3. Turn the <TUNE/MENU> dial to scroll along, and select each number of the phone number. Once highlighted, press <ENTER> after each number selection.

To delete the last number entered scroll to the [>] (Backspace) symbol, and once highlighted press <ENTER>. The last number will be deleted. Pressing <ENTER> repeatedly will delete each subsequent number.

4. After entering the last number, scroll to the  symbol, and press <ENTER>, or press  to dial the number.

#### Call Lists:

A number from the dialled, received, or missed call lists can also be used to make a call.

- Dialled call



Use the dialled call mode to make a call which is based on the list of outgoing (dialled) calls.

- Received call

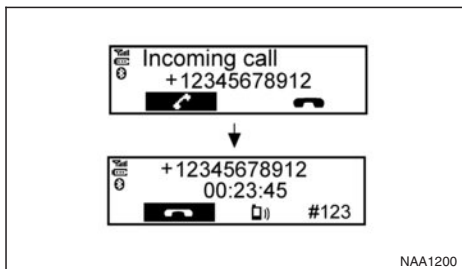
Use the received call mode to make a call which is based on the list of received calls.

- Missed call

Use the missed call mode to make a call which is based on the list of missed calls.

1. Press , and select [Call Lists].
2. Turn the <TUNE/MENU> dial to scroll to an item, and press <ENTER> to select it.
3. Scroll to the preferred phone number then press <ENTER>, or press  to dial the number.





## Receiving a call

When receiving an incoming call, the display will show the caller's phone number (or a notification message that the caller's phone number cannot be shown):

- Answer the call by pressing briefly, or press <ENTER>.
- End the call, after the conversation, by:
  - Pressing briefly again.
  - Pressing <ENTER> when the symbol is highlighted.

If is not highlighted, turn the <TUNE/MENU> dial to , and press <ENTER>.
- Reject the call by pressing with a long press or select from the incoming call screen.

## During a call:

During a call, by scrolling and pressing <ENTER>, you can select the following options:

- [#123] – Use this item to enter numbers during a call. For example, if directed by an automated phone system to dial an extension number the system will send the tone associated with the selected number.
- – Use this item (the transfer handset command) to transfer the call from the audio system to your mobile phone.

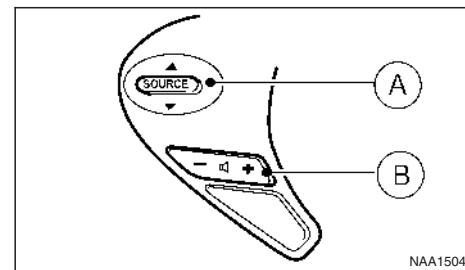
To transfer the call back to hands-free via the audio system select .

## Steering wheel switches for phone control

The hands-free mode can be operated using the controls on the steering wheel. For details, see "Steering wheel switches for audio and phone control" later in this section.

## STEERING WHEEL SWITCHES FOR AUDIO AND PHONE CONTROL

### AUDIO CONTROL



Ⓐ <SOURCE> select switch (push)  
Tuning/track select switch (up or down)

Ⓑ Volume control buttons

### SOURCE select switch

Push the <SOURCE> select switch to change the mode to available audio sources.

### Volume control buttons

Push the volume control button <+> or <-> to increase or decrease the volume.

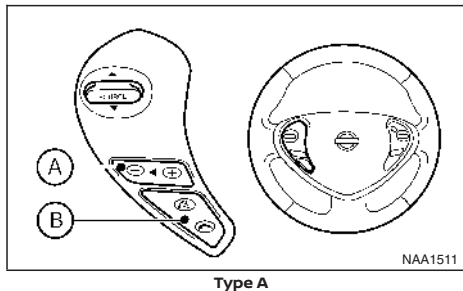
### Tuning/track select switch

Push the switch upward or downward to select a channel, track, CD or folder when they are listed on the display.

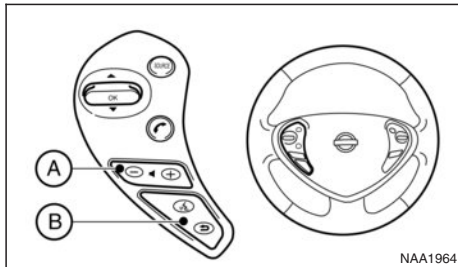
- Preset station change (radio mode)  
Push the up/down scrolling switch ( or ) for less than 1.5 seconds to select one of the preset radio stations.

- Seek tuning (radio mode) — where fitted  
Push the up/down scrolling switch (▲ or ▼) for more than 1.5 seconds to seek for the next or previous radio station.
- Track up/down (CD with MP3/WMA\*, iPod\*, USB memory\* or Bluetooth audio\* mode) — where fitted
  - Push the up/down scrolling switch (▲ or ▼) for less than 1.5 seconds to select the next track or to return to the beginning of the present track. Push (up/down) several times to skip through or skip back the tracks.
  - Push the up/down scrolling switch (▲ or ▼) for more than 1.5 seconds to select the next folder or the previous folder.

## PHONE CONTROL BUTTONS



- Ⓐ Volume control buttons
- Ⓑ Phone buttons



- Ⓐ Volume control buttons
- Ⓑ Phone button
- Ⓒ Voice recognition and Back buttons

## Steering wheel phone control buttons

The hands-free mode can be operated using the controls on the steering wheel.

### Volume control buttons:

The volume control buttons allow you to adjust the volume of the speakers by pushing the <+> or <-> buttons Ⓐ.

### Phone buttons:

The 📞 (Type A), 📞 (Type A), or 📞 (Type B) buttons Ⓑ allow you to:

- Accept an incoming call by pressing the 📞 (Type A) or 📞 (Type B) button.
- Reject an incoming call by pressing the 📞 (Type A) or 📞 (Type B) button for more than 2 seconds during the incoming call.

- End an active call by pushing the 📞 (Type A) or 📞 (Type B) button once.
- Redial the last outgoing call by pressing the 📞 (Type A) or 📞 (Type B) button for more than 2 seconds.

### Voice recognition and back buttons:

For details, see the separately provided EV Navigation system owner's manual.

## CAR PHONE OR CB RADIO

When installing a CB, ham radio or a car phone in your vehicle, be sure to observe the following cautions, otherwise the new equipment may adversely affect the motor control system and other electronic parts.

### CAUTION

- **Keep the antenna as far away as possible from the Electronic Control Module.**
- **Keep the antenna wire at least 20 cm (8 in) away from the motor control harnesses. Do not route the antenna wire next to any harnesses.**
- **Adjust the antenna standing wave ratio as recommended by the manufacturer.**
- **Connect the ground wire from the radio chassis to the body.**
- **For details, consult a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**

### NOTE

For further information, visit the NISSAN web site: [www.nissan-europe.com](http://www.nissan-europe.com). Select your country from the list and go to the "SERVICES" menu. If not available on the web site, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

NOTE

# 5 Starting and driving

Precautions when starting and driving .....	5-2	Parking .....	5-19
Tyre Pressure Monitoring System (TPMS) (where fitted) .....	5-2	Trailer towing .....	5-20
Avoiding collision and rollover .....	5-6	Operating precautions .....	5-20
Off-road recovery .....	5-7	Maximum load limits .....	5-20
Rapid air pressure loss .....	5-7	Tyre pressure .....	5-21
Intelligent Key system .....	5-7	Safety chains .....	5-21
Before starting the electric vehicle system .....	5-8	Trailer brakes .....	5-21
Care when driving .....	5-8	Coupling device installation .....	5-22
Loading luggage .....	5-8	Electric power steering system .....	5-23
Driving in wet conditions .....	5-8	Brake system .....	5-23
Driving in winter conditions .....	5-8	Braking precautions .....	5-23
Push-button power switch .....	5-8	Parking brake break-in .....	5-24
Intelligent Key operating range for electric vehicle start function .....	5-8	Anti-lock Braking System (ABS) .....	5-25
Power switch operation .....	5-9	Vehicle security .....	5-26
Power switch positions .....	5-9	Electronic stability programme (ESP) system .....	5-26
Steering lock .....	5-10	Electronic Stability Programme (ESP) OFF switch .....	5-27
Emergency electric vehicle shut off .....	5-10	Vehicle dynamic control (VDC) system .....	5-28
Intelligent Key battery discharge .....	5-10	Vehicle Dynamic Control (VDC) OFF switch .....	5-29
Starting the electric vehicle system .....	5-11	Hill start assist system .....	5-29
Driving the vehicle .....	5-11	Cold weather driving .....	5-30
Electric shift control system .....	5-11	12-Volt battery .....	5-31
Speed limiter (where fitted) .....	5-14	Coolant .....	5-31
Speed limiter operations .....	5-14	Tyre equipment .....	5-31
Cruise control (where fitted) .....	5-16	Special winter equipment .....	5-31
Precautions on cruise control .....	5-16	Parking brake .....	5-31
Increasing power economy .....	5-17	Corrosion protection .....	5-31
		Freeing a frozen charge port lid .....	5-31

## PRECAUTIONS WHEN STARTING AND DRIVING

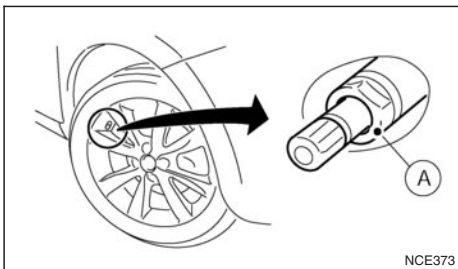


### WARNING

- 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 seatback. In a sudden stop or collision, unsecured cargo could cause personal injury.

### NOTE

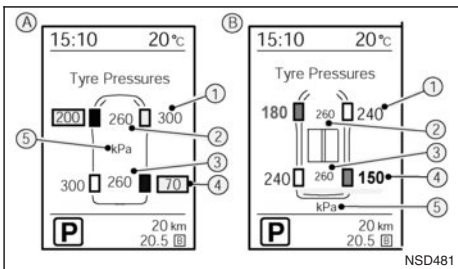
During the first few months after purchasing a new vehicle, if you smell strong odours of Volatile Organic Compounds (VOCs) inside the vehicle, ventilate the passenger compartment thoroughly. Open all the windows before entering or while in the vehicle. In addition, when the temperature in the passenger compartment rises, or when the vehicle is parked in direct sunlight for a period of time, turn off the air recirculation mode of the air conditioner and/or open the windows to allow sufficient fresh air into the passenger compartment.



NCE373

(A) Tyre valve with sensor

## TYRE PRESSURE MONITORING SYSTEM (TPMS) (where fitted)



NSD481

- (A) Type A  
(B) Type B
- ① Tyre pressure
  - ② Front target pressure
  - ③ Rear target pressure

- ④ Low tyre pressure indication
- ⑤ Tyre pressure units

The Tyre Pressure Monitoring System (TPMS) monitors the tyre pressure of the four wheels while the vehicle is in motion. Following a loss in pressure, the system will warn the driver using a visual warning. Each TPMS sensor (A) has a registered wheel location and sends pressure and temperature data via radio to a receiver inside the vehicle.

Each tyre, including the spare (where fitted), should be checked monthly when cold and inflated to the inflation pressure recommended as shown on the vehicle placard. (If your vehicle has tyres of a different size than the size indicated on the vehicle placard, 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 power 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 tell-tale. When the system detects a malfunction, the TPMS warning light will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tyre pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tyres or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction warning light does not come on 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 does not monitor the tyre pressure of the spare tyre (where fitted).
- 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 may not automatically turn off when the tyre pressure is adjusted. After the tyre is inflated to the recommended pressure, perform the TPMS calibration procedure 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.

- You can check the pressure of all tyres (except the spare tyre – where fitted) in the vehicle information display. (See “Vehicle information display” in the “2. Instruments and controls” section.)
- 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 perform the calibration.
- 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, a notification warning message will also appear in the vehicle information display. Have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.



### WARNING

- **If the TPMS indicator light illuminates while driving:**
  - avoid sudden steering manoeuvres
  - avoid abrupt braking
  - reduce vehicle speed
  - pull off the road to a safe location
  - 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 which 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 TPMS indicator light “OFF”. In case of a flat tyre, replace it with a spare tyre as soon as possible. (See “Flat tyre” in the “6. In case of emergency” section for changing a flat tyre.)**
- **When a spare tyre is mounted or a wheel is replaced, the TPMS will not function and the TPMS indicator light will flash for approximately 1 minute. The light will remain on after 1 minute. Be sure to follow all instructions for wheel replacement and mount the TPMS system correctly.**
- **Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.**
- **The Genuine NISSAN Emergency Tyre Repair Sealant or equivalent can be used for temporarily repairing a tyre. Do not inject any other tyre liquid or aerosol tyre sealant into the tyres, as this may cause a malfunction of the tyre pressure sensors.**

- 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer as soon as possible after using tyre repair sealant (for models equipped with the emergency tyre puncture repair kit).

#### CAUTION

- If the vehicle is driven with a flat tyre, this may damage the TPMS sensor for that tyre.
- 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 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.


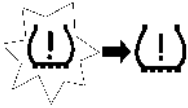
- If devices which transmit electrical noise are connected to the vehicle's 12-volt battery power supply.

- When inflating the tyres and checking the tyre pressure, never bend the valves.
- Special aluminium valves are fitted to mount the TPMS sensors on the wheels. The TPMS sensor is fixed at the wheels by a nut. The nut needs to be correctly fitted at a torque setting of  $7.5 \pm 0.5$  N•m. If the TPMS sensor is tightened exceeding the limit, there is a possibility the sensor grommet will be damaged. If the sensor is tightened under the limit, there is a possibility of causing an air leak.
- 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 sensor grommet and washer during a tyre change. Once they have been removed, the sensor grommet and washer cannot be reused and must be replaced. 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.

#### Display information:

For additional information about low tyre pressure warning light, see "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section.



TPMS indicator light(s)	Possible cause	Recommended action
	<p>Low tyre pressure Note: Usually, the pressure of the tyre decreases naturally.</p>	<p>Inflate tyre(s) to the correct pressure</p>
	<p>Genuine NISSAN TPMS sensor is not detected at one or more wheels</p>	<p>Check if the TPMS sensors are present. If no sensor is present add a genuine NISSAN TPMS sensor</p>
	<p>TPMS radio communication interference between TPMS wheel sensor and TPMS receiver due to external sources.</p>	<p>Drive away from the area of interference</p>
	<p>TPMS parts malfunction</p>	<p>If the problem persists contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.</p>

## Activation

Once the vehicle starts moving the tyre pressure is monitored.

## TPMS sensor ID and position recognition

It is recommended that a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer performs the registration of a new TPMS sensor or sensor location.

It is also possible to register the sensor by yourself as follows:

1. Change the tyre position or have new TPMS sensor fitted.
2. Park the vehicle with the power switch in the ON position for more than 20 minutes. You must perform this step before driving.
3. Drive the vehicle for several minutes between 25 km/h (16 MPH) and 100 km/h (64 MPH). The TPMS sensor ID and position will automatically be detected.

## NOTE

**The TPMS might not synchronise if one or more of the following conditions apply:**

- **Bad road conditions**
- **The TPMS unit does not receive correct data from tyre pressure sensors**
- **Driving below 25 km/h (16 MPH)**
- **Driving above 100 km/h (64 MPH)**
- **High acceleration**
- **High deceleration**

- **In stop and go traffic or traffic waves**

## TPMS target tyre pressures

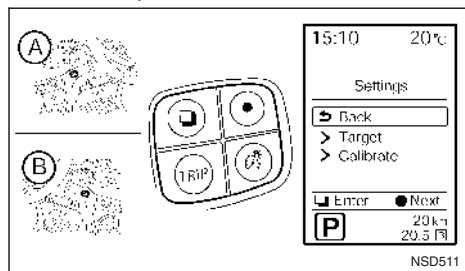
When driving the vehicle in a heavily laden condition, the tyre pressures should be inflated to the recommended tyre pressure as shown on the tyre placard.

The TPMS target tyre pressures adjusting should be performed in the vehicle information display. For further details, see "Setting the tyre pressures (for TPMS)" in the "2. Instruments and controls" section.

## TPMS calibration

To keep the TPMS functioning properly, the calibration 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



(A) RHD

(B) LHD

Perform the following procedure to calibrate the TPMS.

1. Park the vehicle in a safe and level place.
2. Apply the parking brake and place the shift lever in 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. Do not start the electric vehicle system.
5. Push the  button to select [Settings].
6. Push the  to select [Detail] then push  button.
7. Push the  to select [Tyre Pressures] then push  button.
8. Push the  to select [Calibrate] then push  button.
9. Push the  to select [Confirm] then push  button to start the TPMS calibration.
10. To finalise the procedure, start the EV system and drive the vehicle at speeds above 25 km/h (16 MPH).

If the low tyre pressure warning light illuminates after calibrating the system, it may indicate that the TPMS is not functioning properly. Have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

For additional information about low tyre pressure

warning light, see "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section.

## [Check cold tyre.] message

If the tyre pressure becomes higher than the target pressure during a low tyre pressure condition, the [Check cold tyre.] message will be shown in the vehicle information display.

### NOTE

**Even if the 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.**

## AVOIDING COLLISION AND ROLLOVER



**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 pre-

scription or over-the-counter drugs which may cause drowsiness). Always wear your seat belt as outlined in 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

While driving, the right side or left side wheels may unintentionally leave the road surface. If this occurs, 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.

- Remain calm and do not overreact.
- Do not apply the brakes.
- Maintain a firm grip on the steering wheel with both hands and try to hold a straight course.
- When appropriate, slowly release the accelerator pedal to gradually slow the vehicle.
- 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.
- 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” in the “8. Maintenance and do-it-yourself” section 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 “Flat tyre” in the “6. In case of emergency” section of this Owner’s Manual.

## 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.

### 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 from the LOCK position.**

## BEFORE STARTING THE ELECTRIC VEHICLE SYSTEM

- Make sure that the area around the vehicle is free of obstacles.
- Check fluid levels such as coolant, brake fluid, and window washer fluid.
- Check that all windows and light lenses are clean.
- Visually inspect tyres for their appearance and condition. Also check tyres for proper inflation.
- Check that all doors are closed.
- Position the seat and adjust the head restraints.
- Adjust the inside and outside mirrors.
- Fasten your seat belt and ask all passengers to do likewise.
- Check the operation of the warning lights when the power switch is pushed to the ON position. (See "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section.)

## CARE WHEN DRIVING

Driving your vehicle to fit the circumstances is essential for your safety and comfort. As a driver, you should be the one who knows best how to drive in the given circumstances.

### LOADING LUGGAGE

Loads and their distribution and the attachment of equipment (coupling devices, roof luggage carriers, etc.) will considerably change the driving characteristics of the vehicle. Your driving style and speed must be adjusted according to the circumstances.

### DRIVING IN WET CONDITIONS

- Avoid accelerating or stopping suddenly.
- Avoid sharp turning or lane changing suddenly.
- Avoid following too close to the vehicle in front.

When water covers the road surface with water puddles, small water streams, etc., reduce speed to prevent hydroplaning which can cause skidding and loss of control. Worn tyres will increase this risk.

### DRIVING IN WINTER CONDITIONS

- Drive cautiously.
- Avoid accelerating or stopping suddenly.
- Avoid sharp turning or lane changing suddenly.
- Avoid sudden steering.
- Avoid following too close to the vehicle in front.

## PUSH-BUTTON POWER SWITCH

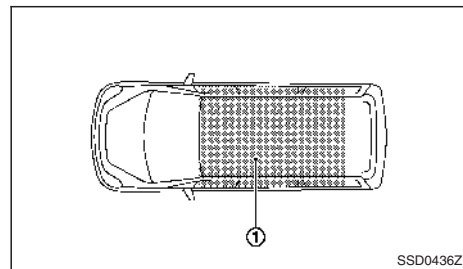


### WARNING

**Do not operate the power switch while driving the vehicle except in an emergency. (The electric vehicle system shuts down 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 power switch, make sure the shift lever is in the P (Park) position.

### INTELLIGENT KEY OPERATING RANGE FOR ELECTRIC VEHICLE START FUNCTION



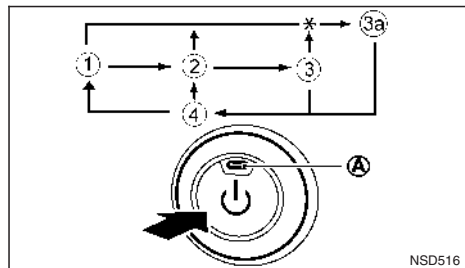
The Intelligent Key function can only be used for starting the electric vehicle system when the Intelligent Key is within the specified operating range ①.

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 it 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 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 or door pocket, the Intelligent Key may not function.
- If the Intelligent Key is placed near a door or window outside the vehicle, the Intelligent Key may not function.

## POWER SWITCH OPERATION



- ① LOCK
- ② ACC
- ③ ON

③ READY to drive

④ OFF

\* Push while the brake pedal is depressed

Ⓐ Indicator light

When the power switch is pushed **without depressing the brake pedal**, the power switch position will change from the LOCK position as follows:

- Push once for ACC ②.
- Push two times to change to ON ③.
- Push three times to change to OFF ④.
- Push four times to return to ACC ②.
- Open or close any door to return to LOCK ① while in the OFF position and to lock the steering wheel.

The indicator light Ⓐ on the power switch illuminates when the power switch is in the ACC or ON position.

When the power switch cannot be switched to the LOCK position, proceed as follows:

1. Move the shift lever to the P (Park) position.
2. Push the power switch to the OFF position. The power switch position indicator Ⓐ will not illuminate.
3. Open a door. The power switch will change to the LOCK position.

## POWER SWITCH POSITIONS

### LOCK (Normal parking position)

The power switch and steering wheel can only be locked in this position.

The power switch will be unlocked when it is pushed to the ACC position while the driver is carrying the Intelligent Key.

### ACC (Accessories)

This position activates electrical accessories, such as the radio, when the electric vehicle system is OFF.

### ON

This position turns on the electric vehicle system and electrical accessories.

### READY to drive (Normal operating position)

This position turns on the electric vehicle system, electrical accessories and the vehicle can be driven.

**The shift lever can be moved from the P (Park) position if the power switch is in the READY to drive position and the brake pedal is depressed.**

### OFF

The electric vehicle system is turned off without locking the steering wheel.

The power switch cannot be placed in the LOCK position until the vehicle is in the P (Park) position.

### CAUTION

**Do not leave the vehicle with the power switch in the ACC position for an extended period of time. This can discharge the 12-volt battery.**

## NOTE

If the power switch is pushed quickly or is pushed twice quickly, the switch may not function even if a click sound is heard. Push the switch again more slowly.

## DAYTIME RUNNING LIGHT SYSTEM (where fitted)

Even if the headlight switch and the fog light switch are in the off position, the daytime lights will come on after the power switch is in the ON or READY to drive position. The daytime running light bulbs are located in the front fog light units.

## STEERING LOCK

### To lock the steering wheel

The steering lock can only be locked when a door is opened or closed and the power switch is in the OFF position.

### To unlock the steering wheel

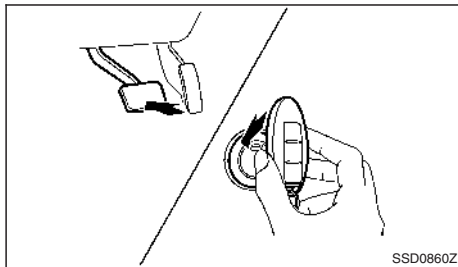
Depress the brake pedal, push the power switch for the ACC position.

## EMERGENCY ELECTRIC VEHICLE SHUT OFF

To shut off the electric vehicle in an emergency situation while driving, perform the following procedure.

- Rapidly push the power switch 3 consecutive times,  
or,
- Push and hold the power switch for more than 2 seconds.

## INTELLIGENT KEY BATTERY DISCHARGE



If the Intelligent Key battery is discharged, or environmental conditions interfere with the Intelligent Key operation, start the electric vehicle system in the READY to drive mode according to the following procedure:

1. Place shift lever in the P (Park) position.
2. Firmly apply the brake pedal.
3. Touch the power switch with the Intelligent Key as illustrated. A chime will sound when the vehicle has recognised the Intelligent Key.
4. Push the power switch while depressing the brake pedal within 10 seconds after the chime sounds. The power switch position changes to the READY to drive mode.

After step 3 is performed, if the power switch is pushed without depressing the brake pedal, the power switch position will change to ACC.

## NOTE

- When the power switch is pushed to the ACC or ON position or READY to drive mode by the above procedure, the Intelligent Key battery discharge indicator appears on the vehicle information display even if the Intelligent Key is inside the vehicle. This is not a malfunction. To stop the warning indicator from blinking, touch the power switch with the Intelligent Key again.
- If the Intelligent Key system battery discharge indicator appears on the vehicle information display, replace the battery as soon as possible. See "Battery" in the "8. Maintenance and do-it-yourself" section.


## STARTING THE ELECTRIC VEHICLE SYSTEM

1. Make sure the parking brake is applied.
2. Make sure that the shift lever is in the P (Park) position.

The electric vehicle is designed not to operate unless the shift lever is in the P (Park) or N (Neutral) position.

**The Intelligent Key must be carried with you when operating the power switch and the vehicle.**

3. Depress the brake pedal and push the power switch to place the electric vehicle system in the READY to drive position.

The READY to drive indicator light  in the meter illuminates.

### NOTE

**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.**

4. To stop the electric vehicle system, move the shift lever into the P (Park) position, then 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 to provide 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 ON position.**

**The shift lever cannot be moved out of the P (Park) position and into any of the other positions if the power switch is placed in the LOCK, OFF or ACC position or if the Intelligent key is not inside the vehicle.**

2. Keep the footbrake pedal depressed, and move the shift lever to the D (Drive) position
3. Release the parking brake, footbrake pedal, and then gradually start the vehicle in motion by depressing the accelerator pedal.



### 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**

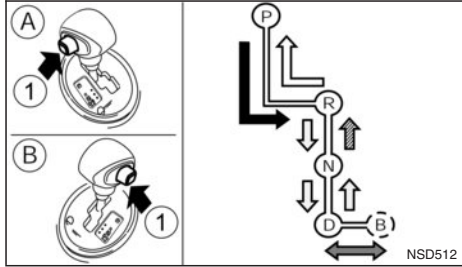
**brake pedal until shifting is completed. Failure to do so could cause you to lose control, which could result in an accident.**

- **Never shift to P (Park) or R (Reverse) while vehicle is moving. Failure to do so could cause you to lose control and have an accident.**
- **Do not shift abruptly to B (Regenerative driving) on slippery roads. This may cause a loss of control.**
- **Do not downshift abruptly on slippery roads. This may cause a loss of control.**

### CAUTION

- **To avoid possible damage to your vehicle; when stopping the vehicle on an uphill grade, do not hold the vehicle by depressing the accelerator pedal. The foot brake should be used for this purpose.**
- **Do not hang items on the shift lever. This may cause an accident due to a sudden start.**

## Shifting



To move the shift lever,

(A) LHD

(B) RHD



Push the button ① while depressing the foot brake pedal.



Push the button ① to shift.



Move the shift lever without depressing the brake pedal.



Slide along the gate to shift for the D (Drive) or B position.

### NOTE

Confirm that the gear is in the desired shift position by checking the shift indicator located near the shift lever or the display of the combination meter.

After placing the vehicle in the READY to drive position, fully depress the brake pedal, and move the shift lever to any of the preferred shift positions.

If the power switch is placed in the OFF or ACC position for any reason while the shift position is in any position other than the P (Park) position, the power switch cannot be placed in the OFF position.

If the power switch cannot be placed in the OFF position, perform the following steps.

1. Apply the parking brake when the vehicle is stopped.
2. Place the power switch in the ON position while depressing the footbrake pedal.
3. Move the shift lever to the P (Park) position.
4. Place the power switch in the OFF position.



### WARNING

On a hilly road, do not allow the vehicle to roll backwards while in the D (Drive) or B position, or allow the vehicle to roll forward while in the R (Reverse) position. This may cause an accident.

### CAUTION

- Do not move 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 the excessive force would influence 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) position while reversing the vehicle.

If these operations are attempted. The vehicle shifts to the N (Neutral) position. Then the vehicle shifts to the selecting position.

### P (Park):

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 before moving the shift lever to the P (Park) position.** Apply the parking brake. When parking on a hill, first apply the parking brake, and then move the shift lever to the P (Park) 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 R (Reverse) position while driving forward, the chime will sound and the shift indicator blinks, the vehicle will switch into the neutral position. Then the vehicle shifts to the reverse position and shift indicator illuminates, when the vehicle speed decreases.**

When the shift lever is in the R (Reverse) position, the rear view monitor will be activated. For details, see "Rear view monitor (where fitted)" in the "4. Display screen, heater and air conditioner, and audio system" section.

### N (Neutral):

Neither forward nor reverse gear is engaged. The vehicle can be placed in the READY to drive position in this position.



Do not shift to the N (Neutral) position while driving. The regenerative braking system does not operate in the N (Neutral) position. However, you can stop the vehicle by depressing the footbrake pedal.

#### **D (Drive):**

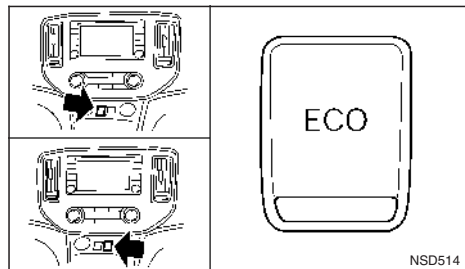
Use this position for all normal forward driving.

**If the vehicle is placed in the D (Drive) position while reversing, the chime will sound and the shift indicator blinks, the vehicle will switch into the neutral position. Then the vehicle shifts to the drive position and shift indicator illuminates, when the vehicle speed decreases.**

#### **B (Regenerative 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.

#### **ECO:**



Use the ECO drive mode to extend the driving range.

In the ECO drive mode, the traction motor will consume less power. As a result, the driving range of the vehicle may be extended. When the ECO mode operates, the ECO mode indicator light in the meter illuminates. See "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section.

The ECO mode is continued the setting (ON/OFF) until it will be changed.

In comparison to the D (Drive) position, ECO consumes less power for the traction motor and enables the range of the vehicle to be extended.

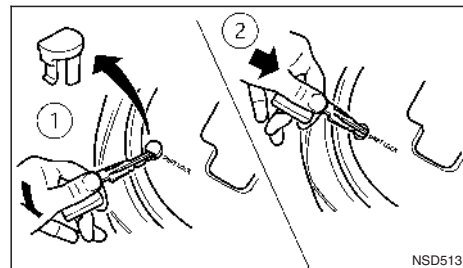
#### **Shift lock release**

If the battery is discharged, the shift lever may not be moved from the P (Park) position even with the foot brake pedal depressed.

To move the shift lever, release the shift lock. The shift lever can be moved to the N (Neutral) position. However, the steering wheel will be locked unless the power switch is placed in the ON position. This allows the vehicle to be moved if the battery is discharged.

To release the shift lock, perform the following procedure

1. Place the power switch in the OFF or LOCK position.
2. Apply the parking brake.



3. Remove the shift lock cover using a suitable tool.
4. Depress the shift lock release button.
5. Push and hold the shift lever button and move the shift lever to the N (Neutral) position while holding down the shift lock release button.
6. Place the power switch in the ON position to release the steering wheel lock.

The vehicle may be moved, by pushing, to the desired location.

If the shift lever cannot be moved out of the P (Park) position, have a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer to check the shift control system as soon as possible.

## SPEED LIMITER (where fitted)

The speed limiter allows the driver to set a 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

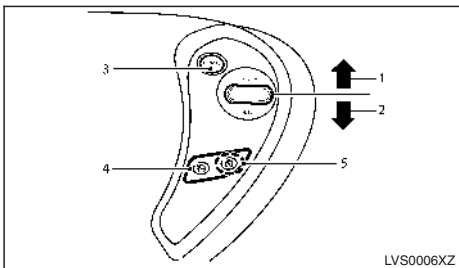
- The speed limiter will not automatically brake the vehicle to the set speed limit.
- Always observe posted speed limits. Do not set the speed above them.
- Always confirm the setting status of the speed limiter on the vehicle information display.
- When additional floor mats are used, be sure that 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.

When the speed limiter is on, the cruise control system cannot be operated.

## SPEED LIMITER OPERATIONS

The speed limiter can be set to speeds between 30 km/h (20 MPH) and 130 km/h (80 MPH).

The speed limiter set switches are located on the steering wheel.

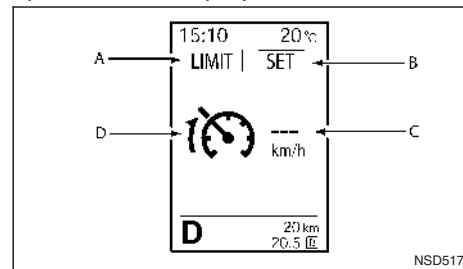


1. <RES/+> switch
2. <SET/-> switch
3. <CANCEL> switch
4. Speed limiter MAIN switch

(When this switch is pushed, the speed limiter enters the standby mode. If the cruise control turned on, the system will turn off and the speed limiter enters the standby mode.)

5. Cruise control switch. For details, see "Cruise control (where fitted)" later in this section.

## Speed limiter display and indicators



The speed limiter operating condition is shown on the vehicle information display.

### Vehicle information display:

- A. [LIMIT] indicator and speed limiter symbol
- B. [SET] indicator
- C. Set speed indicator

The speed unit can be switched between "km/h" and "MPH". For details, see "Vehicle information display" in the "2. Instruments and controls" section.

- D. Speed limiter indicator

When the vehicle speed exceeds the set speed limit, the set speed indicator blinks and an audible warning will be heard and the speed will not increase when depressing the accelerator pedal until the vehicle speed slows down to the set speed limit.

## Turning on speed limiter

Push the speed limiter MAIN switch on the steering wheel. The speed limiter indicator and [LIMIT] indicator will illuminate. The set speed indicator shows [ - - ].

## Setting speed limit

1. Push the <SET/-> switch.
  - When the vehicle is stationary, the speed limit will be set at 30 km/h or 20 MPH.
  - While driving, the speed limit will be set at the current speed.
2. When the speed limit is set, the [SET] and the set speed indicators illuminate on the vehicle information 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 10 km/h or 10 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.

## Resuming preset speed limit

After cancellation of the speed limiter by pushing the <CANCEL> switch, push the <RES/+> switch to resume speed limiter operation using the last set speed limit. The [SET] indicator illuminates, and the last set speed limit is displayed by the set speed

indicator. If the vehicle is driven at a speed over the last set speed limit, the set speed indicator will blink.

## Cancelling speed limiter

To cancel the speed limiter, push the <CANCEL> switch. The [SET] indicator will turn off (the set speed indicator will remain displayed).

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.**

Fully depress the accelerator pedal beyond the resistance point. The speed limiter will be temporarily suspended to allow driving above the set speed. The [SET] indicator will stay on the vehicle information display. The speed limiter will automatically resume when the vehicle speed drops below the set speed limit.

When one of the following operations is performed, the speed limiter will be cancelled. The speed limiter indicator, and the [LIMIT] and [SET] indicators will turn off. These cancellation methods will erase the set speed limit memory.

- Push the speed limiter MAIN switch.
- Push the cruise control MAIN switch.

## Speed limiter malfunction

If the speed limiter malfunctions, the [SET] indicator and speed limiter indicator light will blink. Turn the speed limiter MAIN switch off and have the system

checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## CRUISE CONTROL (where fitted)



### WARNING

- Always observe the posted speed limits and do not set the speed above 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 with variable 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 [SET] indicator on the vehicle information display will blink to warn the driver.
- If the [SET] indicator blinks, turn off the cruise control MAIN switch and have the system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.
- The [SET] indicator may blink when the cruise control MAIN switch is turned on while pushing the <RES/+>, <SET/-> or <CANCEL> switch. To properly set the cruise control system, use the following procedures.

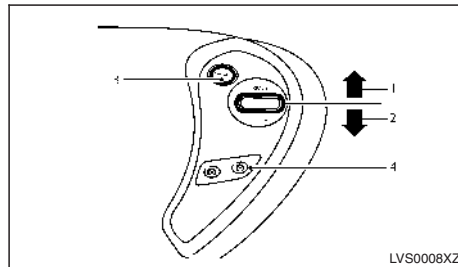
- Even if the ECO position is turned on, the driving range cannot be extended while operating the cruise control.

### Cruise control operations

The cruise control allows driving at speeds above 40 km/h (25 MPH) without keeping your foot on the accelerator pedal.

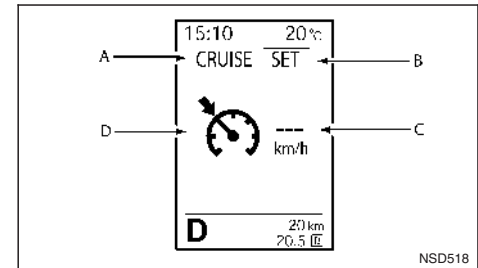
The cruise control will automatically be cancelled if the vehicle slows down more than approximately 13 km/h (8 MPH) below the set speed.

Moving the shift lever to the N (Neutral) position will cancel the cruise control and the [SET] indicator will turn off.



1. <RES/+> switch
2. <SET/-> switch
3. <CANCEL> switch
4. Cruise control MAIN switch

### Cruise control display and indicators



The cruise control operating condition is shown on the vehicle information display.

### Vehicle information display:

- A. [CRUISE] indicator and Cruise control symbol
- B. [SET] indicator
- C. Set speed indicator

The speed unit can be switched between [km/h] and [MPH]. For details, see "Vehicle information display" in the "2. Instruments and controls" section.

- D. Cruise control indicator

### Turning on cruise control

Push the cruise control MAIN switch. The [CRUISE] indicator and cruise control indicator illuminate on the vehicle information display.

## Setting the cruising speed

1. Accelerate to the desired speed.
2. Push the <SET/-> switch ② and release it.
3. The [SET] and set speed indicators will illuminate on the vehicle information display.
4. Take your foot off the accelerator pedal.

The vehicle will maintain the set 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 cruise control.

### Resetting to a lower speed:

Use one of the following methods to reset to a lower speed.

- Lightly tap the footbrake pedal. When the vehicle reaches the desired speed, push and release the <SET/-> switch.
- Push and hold the <SET/-> switch. When the vehicle reaches the desired speed, release the <SET/-> switch.
- Quickly push and release the <SET/-> switch. This will reduce the vehicle speed by about 1 km/h or 1 MPH.

### Resetting to a higher speed:

Use one of the following methods to reset to a higher speed.

- Depress the accelerator pedal. When the vehicle reaches the desired speed, push and release the <SET/-> switch.
- Push and hold the <RES/+> switch. When the vehicle reaches the desired speed, release the <RES/+> switch.
- Quickly push and release the <RES/+> switch. This will increase the vehicle speed by about 1 km/h (or 1 MPH).

### Resuming at preset speed:

Push and release the <RES/+> switch.

The vehicle will resume the last set cruising speed when the vehicle speed is over 40 km/h (25 MPH).

## Cancelling the cruising speed

Use one of the following methods to cancel the set speed.

- Push the <CANCEL> switch. The [SET] indicator will turn off.
- Tap the footbrake pedal. The [SET] indicator will turn off.
- Push the cruise control MAIN switch. Both the [SET] and [CRUISE] indicators and cruise indicator light will turn off.

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 maximise vehicle range:**

### Before driving:

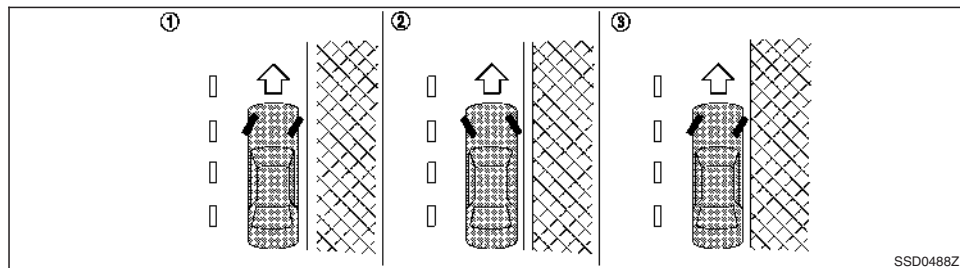
- Follow recommended periodic maintenance.
- Keep tyres inflated to the correct pressure.
- Keep wheels in correct alignment.
- Pre-heat or pre-cool the interior cabin while the vehicle is charging.
- Remove unnecessary cargo from the vehicle.

### While driving:

- Drive in ECO mode or B mode:
  - In the ECO position or B mode more regenerative braking is applied when the accelerator pedal is released in comparison to the D (Drive) position and more power is provided to the Li-ion battery.
  - The ECO position helps reduce power consumption by reducing acceleration when compared to the same accelerator pedal position in the D (Drive ) position.
- Drive at a constant speed. Maintain cruising speeds with constant accelerator pedal positions or use the cruise control system when appropriate.

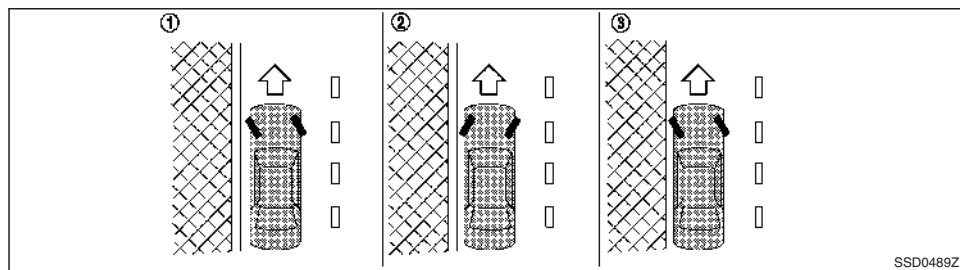
- Accelerate slowly and smoothly. Gently depress and release the accelerator pedal for acceleration and deceleration.
  - Drive at moderate speeds on the motorway.
  - Avoid frequent stopping and braking. Maintain a safe distance behind other vehicles.
  - Turn off the air conditioner/heater system when it is not necessary.
  - Select a moderate temperature setting for heating or cooling to help reduce power consumption.
  - Use only the fan to help reduce power consumption.
  - In cold weather, use the heated seats (where fitted) and heated steering wheel (where fitted) as a substitute for air conditioner to help reduce power consumption.
  - Use the air conditioner/heater system and close windows to reduce drag when cruising at motorway speed.
  - Release the accelerator pedal to slow down and do not apply the brakes when traffic and road conditions allow.
- This vehicle is equipped with a regenerative brake system. The primary purpose of regenerative brake system is to provide some power to recharge the Li-ion battery and extend driving range. A secondary benefit is “engine braking” that operates based on Li-ion battery conditions. In the D (Drive) position, when the accelerator pedal is released, the regenerative brake system provides some deceleration and some power to the Li-ion battery.

# PARKING



Left-Hand Drive (LHD) model

SSD0488Z



Right-Hand Drive (RHD) model

SSD0489Z



## 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.
- Safe parking procedures require that both the parking brake be applied and the vehicle is placed in the park position. Failure to do so could cause the vehicle to move unexpectedly or roll away and result in an accident.

1. Depress the footbrake pedal to stop the vehicle.

2. Firmly apply the parking brake.
3. Move the shift lever to the P (Park) position.
4. When parked on a sloping driveway, turn the wheels so the vehicle will not roll into the street in case it moves, as illustrated above.
  - HEADED DOWNHILL WITH KERB: ①  
Turn the wheels into the kerb, and allow the vehicle to move forward until the kerb side wheel gently touches the kerb.
  - HEADED UPHILL WITH KERB: ②  
Turn the wheels away from the kerb and allow the vehicle to move 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.
5. Place the power switch in the OFF position.

# TRAILER TOWING

Your vehicle is able to tow a trailer on condition that the Maximum Permissible Total Weight stated on the Vehicle identification label never be exceeded. See "Vehicle identification" in the "9. Technical information" section.

## CAUTION

**Vehicle damage resulting from towing a trailer without abiding by the Maximum Permissible Total Weight is not covered by NISSAN warranties.**

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 motor, 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 dealer or qualified workshop for an explanation about the proper use of towing equipment.

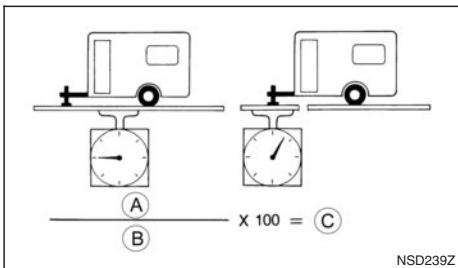
## OPERATING PRECAUTIONS

- 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).
- Avoid abrupt starts, accelerations and stops.
- Avoid sharp turns and lane changes.
- Always drive your vehicle at a moderate speed.
- 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 dealer or qualified workshop 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 dealer or qualified workshop 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.
- Trailer towing requires more electricity than under normal circumstances because of a considerable increase in traction power and resistance.

**While towing a trailer, check the Li-ion battery temperature indicator to prevent the vehicle from overheating.**

## MAXIMUM LOAD LIMITS



- (A) Tongue load
- (B) Total trailer load
- (C) Less than 10%

Maximum trailer loads (including tyres and other loaded equipment):

1. Never allow the total trailer load to exceed maximum capacity:

Unit: kg (lb)

Permissible Total Weight (PTW)	Version	Maximum trailer capacity with or without brake
2250 (4960)	A03	460 (1015)
2050 (4520)	A02	280 (615)
1920 (4235)	A01	150 (330)
2220 (4895)	A04	4 Door: 460 (1015)
	A05	5 Door: 430 (950)
2220 (4895)	B01	140 (310)
2220 (4895)	B02	0

2. The total trailer load must be lower than the following three values even if it does not exceed the maximum permissible trailer loads.

- Towing capacity displayed on a tow-bar.
- Trailer's gross vehicle mass marked on a coupling body.
- Gross vehicle mass marked on a trailer data plate.



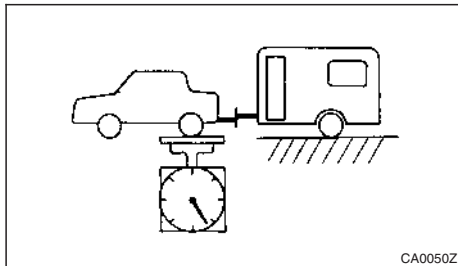
The maximum trailer load which can be towed by your vehicle depends on the towing equipment fitted to the vehicle. Therefore, it is important to not only have the correct equipment fitted but also to use it correctly. Towing loads greater than the value specified for your vehicle or using towing equipment which is not provided by NISSAN could seriously affect the handling and/or performance of your vehicle.

Vehicle damage resulting from improper towing procedures is not covered by NISSAN warranties. Information on trailer towing and the required equipment should be obtained from a NISSAN dealer or qualified workshop.

### Maximum tongue load

Never allow the tongue load to exceed 10% of the total trailer load. If the tongue load exceeds 10%, rearrange the cargo in the trailer.

### Maximum permissible rear gross axle weight



The rear gross axle weight must not exceed the Gross Axle Weight Rating (GAWR).

#### **GAWR:**

#### **Rear**

**1200 kg (2645 lb)**

The trailer must be loaded so that heavy goods are placed over the axle.

### 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.

Do not tow a trailer when the vehicle is installed with a temporary spare tyre or a compact spare tyre.

### SAFETY CHAINS

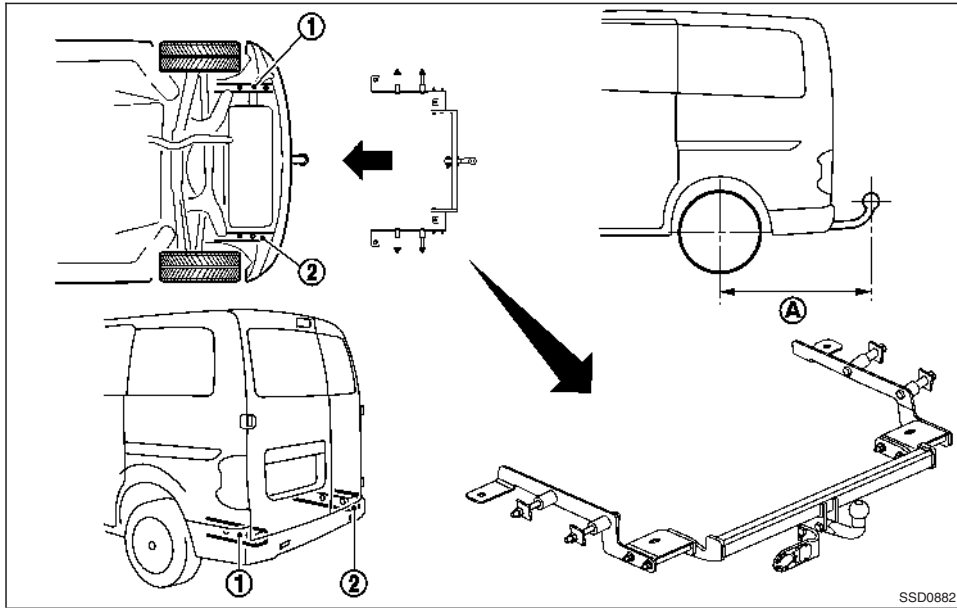
Always use a suitable chain between the vehicle and trailer. The chain should be crossed and should be attached to the hitch, not to the vehicle bumper or axle. Be sure to leave enough slack in the chain to permit turning corners.

### 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 an appropriate gear, and turn the front wheels towards the kerb.



When removing the spare tyre from the vehicle with the trailer coupling device installed, it is necessary to unload the vehicle. (See "Flat tyre" in the "6. In case of emergency" section for spare tyre removal.)

## COUPLING DEVICE INSTALLATION

NISSAN recommends that the coupling device for trailer towing be installed under the following conditions:

- Maximum permissible vertical load on the coupling device: 736 N (75 kg, 165 lb)

- The coupling device, mounting points and installation parts on your vehicle: as shown as an example in the illustration.
- Rear overhang of coupling device: A 956 mm (37.6 in)

Follow all of the coupling device manufacturer's instructions for installation and use.

## ELECTRIC POWER STEERING SYSTEM



### WARNING

- **If the READY to drive indicator light is OFF while driving, the power assist for the steering will not work. Steering will require much more effort.**
- **When the electric power steering warning light illuminates while the READY to drive indicator light ON, the power assist for the steering will cease operation. You will still have control of the vehicle but steering will require much more effort.**

The electric power steering system is designed to provide power assistance while driving to operate the steering wheel with less effort.

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 system and help protect it from getting damaged. While the power assistance is reduced, steering wheel operation will become harder. When the temperature of the electric power steering system goes down, the level of power assistance provided by the system will return to normal. Avoid repeating such steering wheel operations that could cause the electric power steering system to overheat.

You may hear a noise when the steering wheel is operated quickly. This is normal and does not indicate malfunction.

If the electric power steering warning light **PS** illuminates while the READY to drive indicator light is ON, it may indicate the electric power steering system is not functioning properly and may need servicing. Have the electric power steering system checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer. (See “Warning/Indicator lights and audible reminders” in the “2. Instruments and controls” section.)

When the electric power steering warning light illuminates with the READY to drive indicator light is ON, the power assist for the steering will cease operation. You will still have control of the vehicle. However, steering will require much more effort, especially in sharp turns and at low speeds.

## BRAKE SYSTEM

### BRAKING PRECAUTIONS

This vehicle is equipped with two braking systems:

1. Hydraulic brake system.
2. Regenerative brake system.

#### Hydraulic brake system

The hydraulic brake system is similar to the brakes used on conventional vehicles.

The brake system has two separate hydraulic circuits. If one circuit malfunctions, you will still have braking at two wheels.

#### Regenerative brake system

The primary purpose of the regenerative brake system is to provide some power to help recharge the Li-ion battery and to extend driving range. A secondary benefit is “engine braking” that occurs when the regenerative brake is activated. The level of regenerative braking varies with the state of charge of the Li-ion battery.

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 placing the shift lever in the B position and with your foot off the accelerator pedal, the level of regenerative braking applied is increased compared to driving in the D (Drive) position. However, during high-speed driving you may feel that regenerative brake provides less deceleration than the regenerative braking in an ordinary vehicle would do. This is normal.

Less deceleration is provided by the motor brake system when the Li-ion battery is fully charged. 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 battery temperature is high/low (indicated by the red/blue zones on the battery temperature gauge) 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

- **Noise may be heard in the motor room under the following conditions (This is a normal operating characteristic of an electric vehicle):**
  - Opening a door.
  - Depressing the brake pedal.
  - Depressing on the brake pedal repeatedly.
  - The electric vehicle system is in the **READY to drive position**.
  - The electric vehicle system is turned off.
  - Depressing on the brake pedal repeatedly while the electric vehicle system is not in **READY to drive position**.

As a result, it may be hard to depress the brake pedal or the pedal stroke may be short. If the pedal feels like it has returned to its normal state after the electric vehicle system is in **READY to drive position**, this

**indicates that there is no malfunction and the vehicle can be operated normally**

- **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, a greater foot pressure on the brake pedal will be required to stop the vehicle, and the stopping distance will be longer since the braking will not be power assisted.**
- **When depressing the brake pedal, the braking pedal feel will not be smooth or may change when the regenerative brake system activates. However, the electronically controlled brake system is operating normally and this does not indicate a malfunction.**

#### Using brakes

Avoid resting your foot on the brake pedal while driving. This will cause overheating of the brakes, wear out the brake pads and shoes 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 driving 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 system OFF, you may feel an in-**

**creased brake pedal effort and a decreased pedal stroke. If the BRAKE warning light 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, the braking distance will be longer and the vehicle may pull to one side during braking.

To dry the brakes, drive the vehicle at a safe speed while lightly tapping the brake pedal to heat up the brakes. Do this until the brake performance returns to normal. Avoid driving the vehicle at high speeds until the brakes have dried.

#### PARKING BRAKE BREAK-IN

Break in the parking brake shoes whenever the holding effect of the parking brake is weakened or whenever the parking brake shoes and/or drums are replaced, in order to maintain optimum braking performance.

This procedure is described in the vehicle Service Manual, and it can be performed by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## ANTI-LOCK BRAKING SYSTEM (ABS)



### WARNING

- **The Anti-lock Braking System (ABS) is a sophisticated system, 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” in the “8. Maintenance and do-it-yourself” section.**

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 of 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 still operates normally, but without anti-lock assistance.

If the ABS warning light illuminates during the self-test or while driving, have the vehicle checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## Normal operation

The ABS operates at speeds above 5 to 10 km/h (3 to 6 MPH). The speeds will vary 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.

## VEHICLE SECURITY




When leaving your vehicle unoccupied:


- Always take the key with you - even when leaving the vehicle in your own garage.
- Close all windows completely and lock all doors.
- Always park your vehicle where it can be seen. Park in a well lit area during the night.
- If the security system is equipped, use it - even for a short period.
- Never leave children or pets in the vehicle unattended.
- Never leave valuables inside the vehicle. Always take valuables with you.
- Never leave the vehicle documents in the vehicle.
- Never leave articles on a roof rack. Remove them from the rack and keep and lock them in a safe place such as in the cargo area.
- Never leave the spare key in the vehicle.


## ELECTRONIC STABILITY PROGRAMME (ESP) SYSTEM



### WARNING

- **The ESP system is designed to help the driver maintain the driving stability but does not prevent accidents caused 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 parts for your vehicle or are extremely deteriorated the ESP system may not operate properly. This could adversely affect vehicle handling performance, and the  warning may flash or  warning may illuminate.**
- **The ESP system was designed by NISSAN to work with brake related parts recommended by NISSAN. Accordingly, to ensure proper operation of the ESP system, NISSAN recommends the use of those brake related parts that are recommended by NISSAN. In addition, such parts should be replaced if extremely deteriorated to ensure proper operation of the ESP system.**
- **If traction motor control related parts are not NISSAN recommended or are extremely deteriorated, the  warning may illuminate.**
- **When driving on extremely inclined surfaces such as higher banked corners, the ESP sys-**

**tem may not operate properly and the  warning 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  warning may illuminate. This is not a malfunction. Restart the electric vehicle system after driving onto a stable surface.**
- **The ESP system was designed by NISSAN to work with wheels or tyres recommended by NISSAN. Accordingly, to ensure proper operation of the ESP system, NISSAN recommends the use of wheels or tyres that are recommended by NISSAN.**
- **The ESP system is not a substitute for winter tyres or snow chains on a snow covered road.**

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 a slipping driven wheel so power is transferred to the other driven wheel on the same axle that is not slipping.
- Controls brake pressure and traction motor output to reduce drive wheel slip based on vehicle speed (traction control function).


- Controls brake pressure at individual wheels and traction motor 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  warning in the instrument panel flashes. When the warning flashes, note the following items.

- 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 style to the road conditions.

For details, see “Warning/indicator lights and audible reminders” in the “2. Instruments and controls” section.

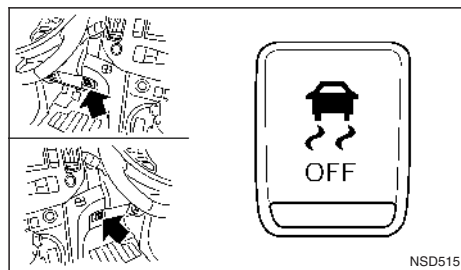
If a malfunction occurs in the system, the  warning illuminates in the lower display. The ESP system automatically turns off when this warning light is illuminated.

The ESP OFF switch is used to turn off the ESP system. The ESP off indicator  illuminates to indi-

cate that the ESP system is off. When the ESP switch is used to turn off the system, the ESP system still operates to prevent one drive wheel from slipping by transferring power to a drive wheel that is not slipping. The  warning flashes if this occurs. All other ESP functions are off and the  warning will not flash. The ESP System is automatically reset to on when the power switch is placed in the OFF position and afterwards returned to the ON position.



The computer has a built-in diagnostic feature that tests the system each time you place the power switch in the READY to drive position 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.


## ELECTRONIC STABILITY PROGRAMME (ESP) OFF SWITCH



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 traction motor output to reduce wheel spin. The traction motor speed will be reduced even if the accelerator is depressed to the floor. If maximum traction motor power is needed to free a stuck vehicle, turn the ESP system off.




To turn off the ESP system, push the ESP OFF () switch. The  indicator light in the meter display will illuminate.


Push the  switch again or the ESP is automatically turned back on when the power switch is placed in the off position and then placed back in the READY to drive position.


# VEHICLE DYNAMIC CONTROL (VDC) SYSTEM



## WARNING

- The Vehicle Dynamic Control (VDC) system is designed to help the driver maintain the driving stability but does not prevent accidents caused 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 parts for your vehicle or are extremely deteriorated the VDC system may not operate properly. This could adversely affect vehicle handling performance, and the  warning may flash or  warning may illuminate.
- The VDC system was designed by NISSAN to work with brake related parts recommended by NISSAN. Accordingly, to ensure proper operation of the VDC system, NISSAN recommends the use of those brake related parts that are recommended by NISSAN. In addition, such parts should be replaced if extremely deteriorated to ensure proper operation of the VDC system.
- If traction motor control related parts are not NISSAN recommended or are extremely deteriorated, the  warning may illuminate.
- When driving on extremely inclined surfaces such as higher banked corners, the VDC sys-

tem may not operate properly and the  warning 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  warning may illuminate. This is not a malfunction. Restart the electric vehicle system after driving onto a stable surface.
- The VDC system was designed by NISSAN to work with wheels or tyres recommended by NISSAN. Accordingly, to ensure proper operation of the VDC system, NISSAN recommends the use of wheels or tyres that are recommended by NISSAN.
- The VDC system is not a substitute for winter tyres or snow chains on a snow covered road.

The Vehicle Dynamic Control (VDC) uses various sensors to monitor driver inputs and vehicle motion. Under certain driving conditions, the VDC system helps to perform the following functions.

- Controls brake pressure to reduce wheel slip on a slipping driven wheel so power is transferred to the other driven wheel on the same axle that is not slipping.
- Controls brake pressure and traction motor output to reduce drive wheel slip based on vehicle speed (traction control function).
- Controls brake pressure at individual wheels and traction motor 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 VDC 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 VDC system operates, the  warning in the instrument panel flashes. When the warning flashes, note the following items.



- 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 VDC system is working properly.
- Adjust your speed and driving style to the road conditions.

For details, see "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section.

If a malfunction occurs in the system, the  warning illuminates in the lower display. The VDC system automatically turns off when this warning light is illuminated.

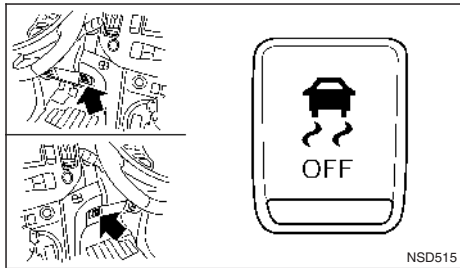
The VDC OFF switch is used to turn off the VDC system. The VDC off indicator  illuminates to indicate that the VDC system is off. When the VDC switch is used to turn off the system, the VDC system still operates to prevent one drive wheel from slipping by transferring power to a drive wheel that is not



slipping. The  warning flashes if this occurs. All other VDC functions are off and the  warning will not flash. The VDC System is automatically reset to on when the power switch is placed in the OFF position and afterwards returned to the ON position.

The computer has a built-in diagnostic feature that tests the system each time you place the power switch in the READY to drive position 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.



## VEHICLE DYNAMIC CONTROL (VDC) OFF SWITCH




The vehicle should be driven with the Electronic Stability Programme (VDC) system on for most driving conditions.

When the vehicle is stuck in mud or snow, the VDC system reduces the traction motor output to reduce wheel spin. The traction motor speed will be reduced even if the accelerator is depressed to the

floor. If maximum traction motor power is needed to free a stuck vehicle, turn the VDC system off.

To turn off the VDC system, push the VDC OFF () switch. The  indicator light in the meter display will illuminate.

Push the  switch again or the VDC is automatically turned back on when the power switch is placed in the off position and then placed back in the READY to drive position.



### 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 shift lever is shifted into D (Drive), B or R (Reverse) position.

## COLD WEATHER DRIVING

- The vehicle is stopped completely on a hill by applying the brake pedal.

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.

Hill start assist will not operate when the shift lever is shifted into P (Park) or N (Neutral) position or on a flat and level road.



### 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 earlier 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 the 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 run the vehicle. Move the vehicle to a warm location.**

### NOTE

- **Connect the charger to the vehicle and place the power switch in the OFF position when parking the vehicle where temperatures may go below -17°C (-1°F). This provides external power to the Li-ion battery warmer (where fitted) when it operates and does not discharge the Li-ion battery.**
- **Vehicle driving range is reduced if the Li-ion battery warmer (where fitted) operates (Li-ion battery temperature approximately -17°C (-1°F) or colder) while driving the vehicle. You may need to charge the Li-ion battery sooner than under warmer ambient temperatures.**
- **The Li-ion battery requires more time to charge when the Li-ion battery warmer (where fitted) operates.**
- **The predicted charging time displayed on the meter and EV Navigation system increases when the Li-ion battery warmer (where fitted) operates.**
- **The vehicle driving range may be substantially reduced in extremely cold conditions (for example under -17°C (-1°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 vehicle driving range more than when using the heater when the temperature is above 0°C (32°F).**
- **Climate control performance is reduced when using the Climate Ctrl. Timer or Remote Climate Control (where fitted) while the Li-ion battery warmer (where fitted) operates.**

- **The Li-ion battery may not charge to the expected level using the Charging Timer when a start time and end time are set while the Li-ion battery warmer (where fitted) operates.**
- **Set only the Charging Timer end time when charging in cold weather. The vehicle automatically determines when to start charging, to fully charge the Li-ion battery, whether or not the Li-ion battery warmer (where fitted) 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 details, see "Battery" in the "8. Maintenance and do-it-yourself" section.

## 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" in the "8. Maintenance and do-it-yourself" section.

## TYRE EQUIPMENT

1. If snow tyres are 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 ty-

res may be used. However, some countries, provinces and states prohibit their use. Check applicable 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 snow chain manufacturer's instructions. Use chain tensioners when recommended by the snow chain manufacturer to ensure a tight fit. Loose end links of the snow 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 to carry the following items in the vehicle during 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:

- Place the shift lever 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" in the "7. Appearance and care" section.**

For additional protection against rust and corrosion, which may be required in some areas, consult a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## FREEING A FROZEN CHARGE PORT LID

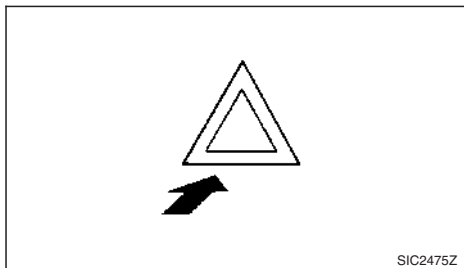
When the charge port is frozen, melt the ice using a hair dryer.

NOTE

# 6 In case of emergency

Hazard indicator flasher switch.....	6-2	Jump starting .....	6-11
Emergency EV (Electric Vehicle) shut off.....	6-2	If the Li-ion battery becomes completely	
Flat tyre.....	6-2	discharged .....	6-13
Stopping vehicle.....	6-2	Push starting.....	6-13
Blocking wheels.....	6-3	Towing.....	6-13
Changing flat tyre (Models with spare wheel).....	6-3	Towing precautions.....	6-13
Tyre Pressure Monitoring System (TPMS)		Towing recommended by NISSAN.....	6-14
(where fitted).....	6-6		
Repairing flat tyre (Models with emergency			
tyre puncture repair kit - where fitted).....	6-7		

## HAZARD INDICATOR FLASHER SWITCH



The hazard indicator flasher switch operates regardless of the power switch position except when the 12-volt 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.

## EMERGENCY EV (ELECTRIC VEHICLE) SHUT OFF

To shut off the EV (Electric Vehicle) in an emergency situation while driving, perform the following procedure.

- Rapidly push the power switch **3** consecutive times  
or
- Push and hold the power switch for more than 2 seconds.

## FLAT TYRE

In case of a flat tyre, follow the instructions as described below.

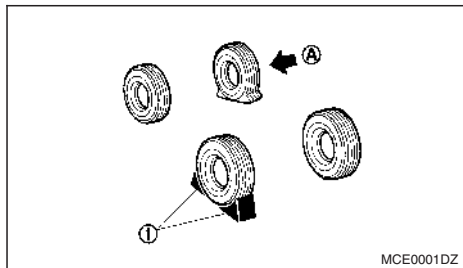
### STOPPING VEHICLE



#### WARNING

- **Be sure to apply the parking brake firmly.**
  - **Be sure to move the shift lever to the R (Reverse) 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.**
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. Move the shift lever to the P (Park) position.
  6. Place the power switch in the OFF position to turn off the electric vehicle system.
  7. Open and secure the bonnet and place the warning triangle sign (where fitted) at the rear of the vehicle:
    - To warn other traffic.
    - To signal professional road assistance personnel that you need assistance.
  8. Have all passengers exit the vehicle and stand in a safe place, away from traffic and clear of the vehicle.

## BLOCKING WHEELS

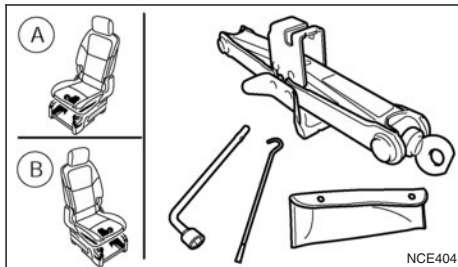


### WARNING

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 ④ to prevent the vehicle from moving when it is jacked up.

## CHANGING FLAT TYRE (Models with spare wheel)



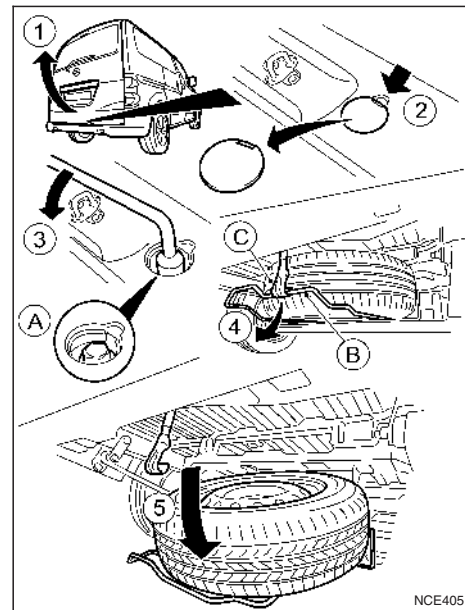
④ Left hand Drive

⑤ Right hand Drive

### Preparing tools and spare wheel

Remove the jack, necessary tools and the spare wheel from the storage area.

The jack and jacking tools are located under the front passenger's seat.



### Spare wheel

The spare wheel is located under the rear of the vehicle.

To remove the spare wheel, perform the following procedures.

1. Open the back door.

- Loosen the bolt (A) anticlockwise approximately 40 turns using the wheel nut wrench to lower the spare wheel.
- Stop turning the bolt when the wheel is lowered to the place where the tyre basket (B) can be removed from the hook (C).

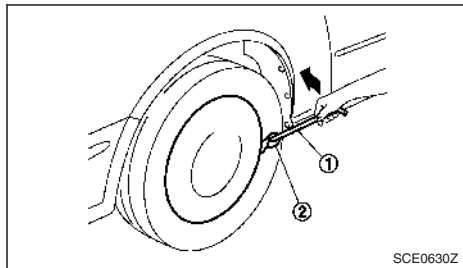
**Do not loosen the bolt excessively, otherwise the basket may fall suddenly.**

- Hold the tyre wheel basket and remove it from the hook by pushing the basket upward.
- Lower the tyre basket slowly to the ground, and then take out the spare wheel.

#### Spare wheel basket bolt tightening torque:

**24.5 to 29.4 N•m (2.5 to 2.9 kg-m, 18 to 21 ft-lb)**

#### Removing wheel cover (where fitted)



#### WARNING

**Never use your hands to remove the wheel cover. This may cause personal injury.**

To remove the wheel cover, use the jack rod (1) as illustrated.

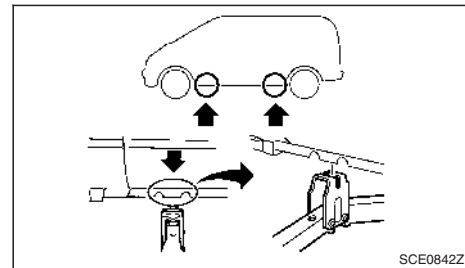
Apply cloth (2) between the wheel and jack rod to prevent damaging the wheel and wheel cover.

#### Jacking up vehicle



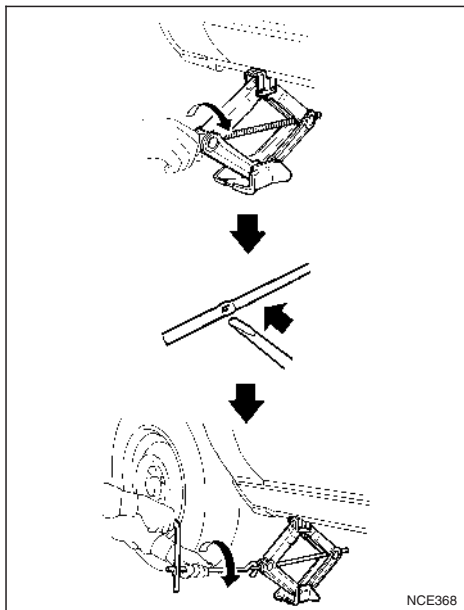
#### WARNING

- 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 is 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 place the power switch in the READY to drive position 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.



Jack-up points





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.**

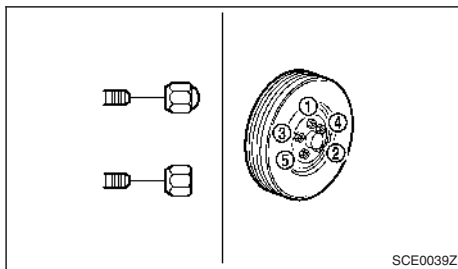
5. Carefully raise the vehicle until the clearance between the tyre and ground is achieved.
6. To lift the vehicle, securely hold the jack lever and rod with both hands and turn the jack lever.

### Removing wheel

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 spare wheel



### 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 spare wheel 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 in the sequence illustrated (① - ⑤), more than 2 times 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.



#### WARNING

Retighten the wheel nuts when the vehicle has been driven for 1,000 km (600 miles) (also in cases of a flat tyre, etc.).

#### NOTE

If the pressure of a tyre has been adjusted, the TPMS sensor (where fitted) must be calibrated with the system. For details about the TPMS calibration, see "TPMS calibration" in the "5. Starting and driving" section.

#### Stowing damaged tyre and tools

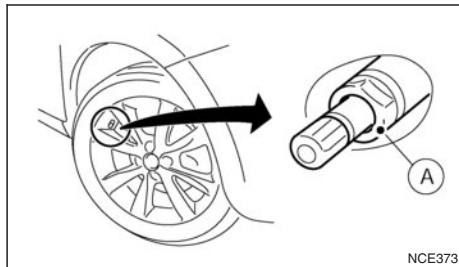


#### WARNING

Be sure that the wheel, 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 wheel, jack and tools used in their respective storage areas.
2. Close the tailgate/double cargo doors.

## TYRE PRESSURE MONITORING SYSTEM (TPMS) (where fitted)



A Tyre valve with sensor



#### WARNING

- If the TPMS indicator light illuminates while driving:
  - avoid sudden steering manoeuvres
  - avoid abrupt braking
  - reduce vehicle speed
  - pull off the road to a safe location
  - 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 which 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 TPMS indicator light "OFF". In case of a flat tyre, replace it with a spare tyre (where fitted) as soon as possible.

- When a spare tyre is mounted or a wheel is replaced, the TPMS will not function and the TPMS indicator light will flash for approximately 1 minute. The light will remain on after 1 minute. Be sure to follow all instructions for wheel replacement and make sure the TPMS system is mounted correctly.
- Replacing tyres with those not originally specified by NISSAN could affect the proper operation of the TPMS.
- The Genuine NISSAN Emergency Tyre Repair Sealant or equivalent can be used for temporarily repairing a tyre. Do not inject any other tyre liquid or aerosol tyre sealant into the tyres, as this may cause a malfunction of the tyre pressure sensors (for models not standard equipped with the emergency tyre puncture repair kit).
- 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer, as soon as possible after using tyre repair sealant (for models equipped with the emergency tyre puncture repair kit).

#### CAUTION

- If the vehicle is driven with a flat tyre, this may damage the TPMS sensor for that tyre.

- 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 frequencies is being used in or near the vehicle.
- If a computer (or similar equipment) or a DC/AC converter is being used in or near the vehicle.
- When inflating the tyres and checking the tyre pressure, never bend the valves.
- Special aluminium valves are fitted to mount the TPMS sensors on the wheels. The TPMS sensor is fixed at the wheels by a nut. The nut needs to be correctly fitted at a torque setting of  $7.5 \pm 0.5$  Nm. If the TPMS sensor is tightened exceeding the limit, there is a possibility the sensor grommet will be damaged. If the sensor is tightened under the limit, there is a possibility to cause an air leak.
- 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 sensor grommet every six years during a tyre change. Once they have been removed, the sensor grommet cannot be reused and must be replaced. The TPMS sensors can be used again.

The Tyre Pressure Monitoring System (TPMS) monitors the tyre pressure of the four wheels except the spare wheel. When the TPMS indicator light comes on together with the TPMS tyre location indicator light (in the vehicle information display), one or more of the tyres is significantly under-inflated. If the vehicle is being driven with low tyre pressure, the TPMS will activate and TPMS indicator light together with the TPMS tyre location indicator light remains on. This system will deactivate only when tyre pressure is corrected and the vehicle is driven at speeds above 25 km/h (16 MPH).

For more details about the TPMS, see "Precautions when starting and driving" in the "5. Starting and driving" section.

### REPAIRING FLAT TYRE (Models with emergency tyre puncture repair kit – where fitted)

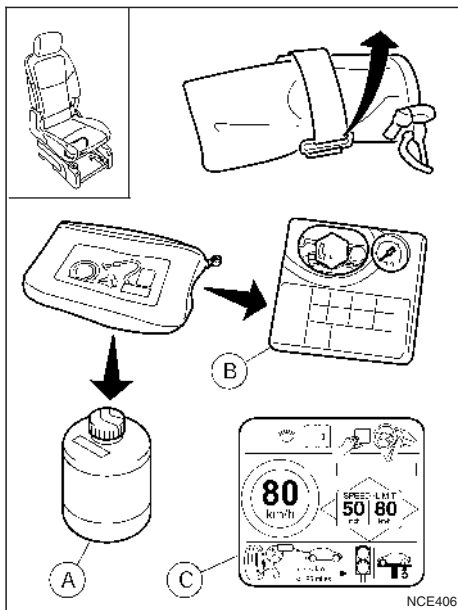
The emergency tyre puncture repair kit is supplied with the vehicle instead of a spare wheel. This repair kit must be used for temporarily fixing a minor tyre puncture. After using the repair kit, see a know-

ledgeable electric vehicle repairer such as 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 DC12 Volt.
- 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 knowledgeable electric vehicle repairer such as 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 6 mm (0.25 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



### Getting emergency tyre puncture repair kit

Take the emergency tyre puncture repair kit out of the storage bag under the front passenger seat. The repair kit consists of the following items:

- (A) Tyre sealant bottle
- (B) Air compressor
- (C) Speed restriction sticker

### NOTE

For models with the emergency tyre puncture repair kit, a spare tyre, jack and rod are not equipped as standard. These parts are dealer options. Contact a knowledgeable electric vehicle dealer such as a NISSAN certified electric vehicle dealer about obtaining these parts. See "Changing flat tyre (for models with spare tyre)" earlier in this section for usage of jacking tools and tyre replacement.

### 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 which has passed its expiration date.

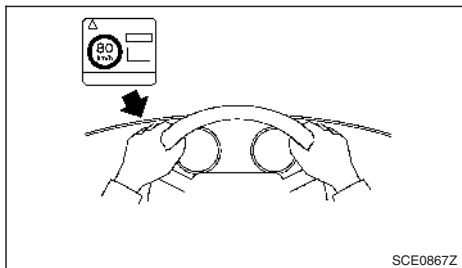
### Repairing tyre



### WARNING

Observe the following precautions when using the emergency tyre puncture repair kit.

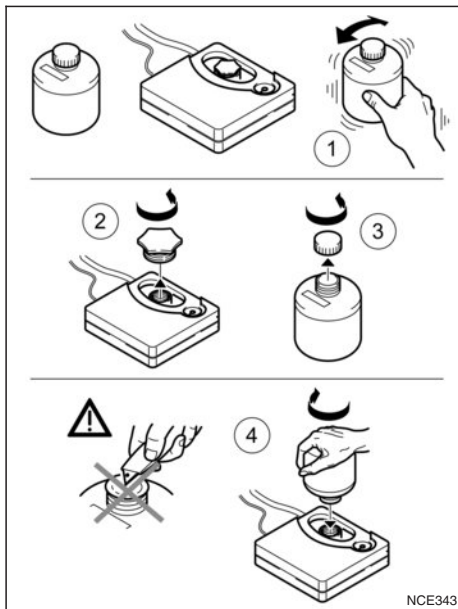
- **Swallowing the compound is dangerous. Immediately drink as much water as possible and seek prompt medical assistance.**
- **Rinse well with lots of water if the compound comes into contact with skin or eyes. If irritation persists, seek prompt medical attention.**
- **Keep the repair compound out of the reach of children.**



1. Remove the speed restriction sticker from the compressor, then place it in a location where the driver can see it while driving.

**CAUTION**

**Do not put the speed restriction label on the speedometer or the warning light locations.**

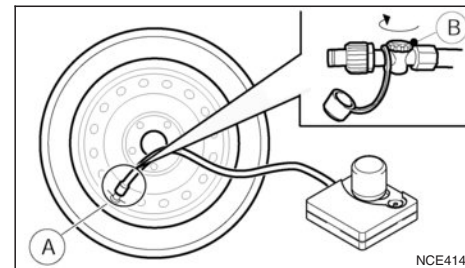


2. Take the hose and the power plug out of the air compressor. Remove the orange cap of the bottle holder from the air compressor.
3. Remove the cap of the tyre sealant bottle.

**NOTE**

**Leave the bottle seal intact. Screwing the bottle onto the bottle holder will pierce the seal of the bottle.**

4. Screw the bottle clockwise onto the bottle holder of the air compressor.
5. Remove the cap of the tyre valve on the flat tyre.

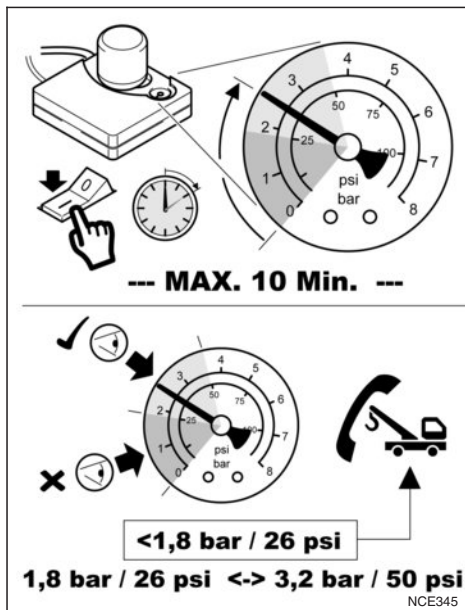


6. Screw the air tube (A) of the compressor securely onto the tyre valve. Make sure that the air compressor switch is in the "OFF" (O) position and the pressure release valve (B) is securely closed, then insert its power plug into the 12V power outlet at the centre console.

**CAUTION**

**An incomplete connection between the hose and tyre valve causes air leakage or sealant scatter.**

7. Check the specified tyre pressure on the tyre placard that is affixed to the driver's side centre pillar.



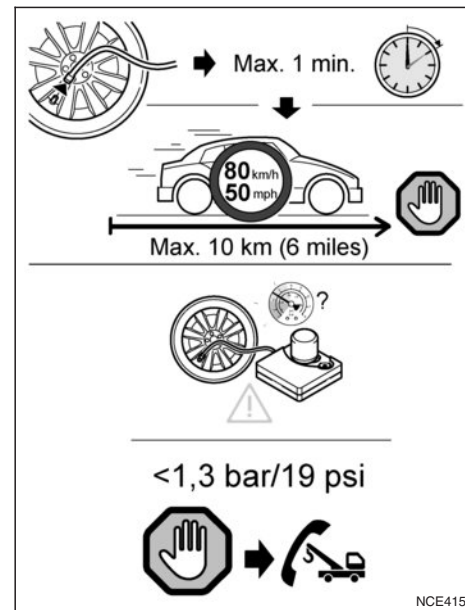
- Do not stand directly beside the damaged tyre while it is being inflated because of the risk of rupture. If there are any cracks or bumps, turn the compressor off immediately.

If the tyre pressure does not increase to the specified pressure **within 10 minutes**, the tyre may be seriously damaged and **the tyre cannot be repaired with this tyre repair kit**. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

- Place the power switch in the ACC position. Then turn the compressor switch to the "ON" (-) position and open the pressure release valve to inflate the tyre up to the specified pressure.

#### CAUTION

- Do not operate the compressor for more than 10 minutes.



- Close the pressure release valve and turn the air compressor off then remove the air tube.
- Within 1 minute after following step 9, immediately drive the vehicle for **10 km (6 miles)** (if the road situation allows) at a speed of **80 km/h (50 MPH) or less**, or for 10 minutes.

## JUMP STARTING

- After driving 10 km (6 miles), or 10 minutes, screw the air tube of the air compressor securely onto the tyre valve and open the pressure release valve to check the tyre pressure with the pressure gauge.

The temporary repair is completed if the tyre pressure does not drop.

### NOTE

- If the tyre pressure is lower than as specified, repeat the steps from step 8.
- If the pressure drops again, or is under 130 kPa (1,3 bar; 19 psi), the tyre cannot be repaired with this tyre repair kit. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

### After repairing tyre

See a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for tyre repair/replacement as soon as possible.



### WARNING

- Incorrect jump starting can lead to a 12-volt battery explosion. The 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 battery.
- Never lean over the 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 electric vehicle has an automatic cooling fan. It could come on at any time. Keep hands and other objects away from it.

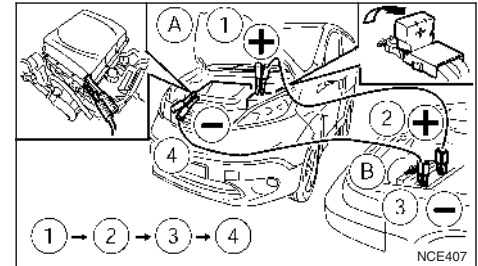
To start the electric vehicle system with a booster battery, the instructions and precautions below must be followed.



### WARNING

**Always follow the instructions below. Failure to do so could result in damage to the DC/DC converter and cause personal injury.**

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.



### 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.**

- The electric vehicle cannot be used as a booster vehicle because it cannot supply enough power to start a petrol or diesel engine vehicle. However it is no problem using a petrol or diesel engine vehicle to supply power to the 12-volt battery of this vehicle.
- If the battery of vehicle (A) equipped with the Intelligent Key system is discharged, the power switch cannot be moved from the OFF position and, if the steering lock is engaged, the steering wheel cannot be moved. Connect the jumper cables to the booster vehicle (B) before turning the power switch and disengaging the steering lock.

1. If the booster battery is in another vehicle (B), position the two vehicles (A) and (B) to bring the batteries into close proximity to each other.

#### NOTE

**Do not allow the two vehicles to touch.**

2. Apply the parking brake.
3. Move the shift lever to the N (Neutral) 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.
7. Cover the 12-volt battery with a firmly wrung out moist cloth to reduce the hazard of an explosion.
8. Connect the jumper cables in the sequence as illustrated (①, ②, ③, ④).

#### CAUTION

- Always connect positive (+) to positive (+) and negative (-) to body ground, NOT to the battery's negative (-).
  - Be sure that the jumper cables do not touch moving parts in the motor compartment.
  - Be sure that the jumper cable's clamps do not contact any other metal.
9. While the booster vehicle (B) engine is running, place the electric vehicle system of the vehicle (A) in the READY to drive position.

#### NOTE

**If the electric vehicle system does not start right away, place the power switch in the OFF position and wait 10 seconds before trying again.**

10. After starting the electric vehicle system of your vehicle, carefully disconnect the negative cable and then the positive cable as illustrated (④, ③, ②, ①).
11. Keep the READY to drive position over 20 minutes to charge the 12-volt battery.
12. Remove and dispose of the cloth as it may be contaminated with corrosive acid.
13. Replace the vent caps, if removed.
14. If necessary connect the vehicle to a charging station, or Mode 2 EVSE (Electric Vehicle Supply Equipment), or Mode 3 cable to charge the Li-ion battery. For details, see "Precautions on charging" in the "CH. Charging" section.


The vehicle can not be driven until the Li-ion battery is fully charged.

#### NOTE

If it is not possible to turn the electric vehicle system ON by following the above procedure, contact a knowledgeable electric vehicle repairer such as 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 Lithium ion (Li-ion) battery becomes completely discharged and no power is available to drive the vehicle. Contact Roadside assistance.

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 power switch is automatically placed in the ON position and it will not be possible to switch to the READY position.**
- **The transmission of the vehicle is automatically switched to the N (Neutral) position and it will not be possible to drive the vehicle.**



### WARNING

**If the transmission is in the N (Neutral) position, and the Li-ion battery and the 12-volt battery become completely discharged, the transmission can not be placed in the P (Park) position. If this occurs, apply the parking brake securely.**

To place the vehicle in the READY 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.

## PUSH STARTING

Do not attempt to start the EV (Electric Vehicle) system by pushing the vehicle.

### CAUTION

**An electric vehicle cannot be push-started or tow-started. Attempting to do so may cause traction motor damage.**

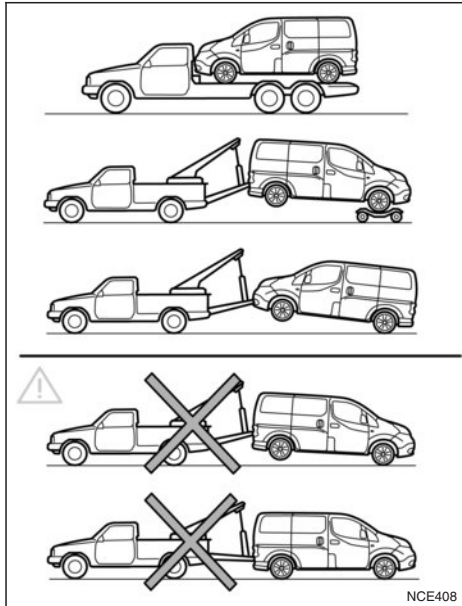
## TOWING

When towing your vehicle, local regulations for towing must be followed. Incorrect towing equipment could damage your vehicle. To assure proper towing and to prevent accidental damage to your vehicle, NISSAN recommends that you have professional road assistance personnel tow your vehicle. It is advisable to have the professional road assistant carefully read the following precautions.

### TOWING PRECAUTIONS

- Be sure that the transmission, steering system, and drivetrain are in working condition before towing. If any units are damaged, the vehicle must be towed using a dolly or flatbed tow truck.
- NISSAN recommends that your vehicle be towed with the driving (front) wheels off the ground.
- Always attach safety chains before towing.

## TOWING RECOMMENDED BY NISSAN



### 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 rear wheels on the ground (if you do not use towing dollies): Always release the parking brake.**

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.

### Towing the vehicle

#### Rear wheels on the ground:

1. Place the power switch in the ON position.
2. Place the shift lever in the N (Neutral) position.
3. Release the parking brake.
4. Attach safety chains whenever towing.

#### Front wheels on towing dollies:

1. Place the power switch in the ON position.
2. Secure the steering wheel in the straight-ahead position with a rope or similar device.
3. Place the shift lever in the N (Neutral) position.
4. Attach safety chains whenever towing.

#### All four wheels on the ground:

### CAUTION

**Never tow this vehicle with all four wheels on the ground. Doing so will cause serious and expensive damage to the motor.**

NISSAN recommends that the vehicle be placed on a flatbed tow truck.

## Freeing trapped vehicle

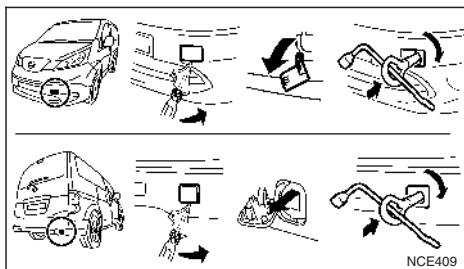


### WARNING

- **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.**

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 will 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.
- Always pull the cable straight out from the front of the vehicle. Never pull on the vehicle at an angle.
- Pulling devices such as ropes or canvas straps are not recommended for use in vehicle towing or recovery.



#### **Recovery hook installation:**

1. Using a suitable tool wrapped with a cloth, remove the hook cover from the bumper.

2. Securely install the recovery hook as illustrated.

Make sure that the hook is properly stored and secured in its original location after use.

NOTE

# 7 Appearance and care

Cleaning exterior.....	7-2	Air fresheners.....	7-4
Washing.....	7-2	Floor mats.....	7-4
Waxing.....	7-2	Seat belts.....	7-4
Removing spots.....	7-2	Mode 2 EVSE and Mode 3 cable.....	7-4
Underbody.....	7-2	Corrosion protection.....	7-5
Glass.....	7-2	Most common factors contributing to vehicle	
Wheels.....	7-3	corrosion.....	7-5
Chrome parts.....	7-3	Environmental factors influence the rate of	
Tyre dressing.....	7-3	corrosion.....	7-5
Cleaning interior.....	7-3	To protect your vehicle from corrosion.....	7-5

## 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 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.**

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 re-applying wax.

A knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer or any automotive accessory stores.

### UNDERBODY

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 chlo-**

rine-based disinfectant cleaners. They could damage the electrical conductors, radio antenna elements 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 discolour the wheels if not removed.

### CAUTION

**Follow the directions below to avoid staining or discolouring 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 discolouration 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.

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 cloth dampened only with water, to clean the meter and gauge lens.

### CAUTION

- **Never use benzine, thinner, or any similar material.**
- **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.**

## AIR FRESHENERS

Most air fresheners use a solvent that could affect the vehicle interior. If you use an air freshener, take the following precautions:

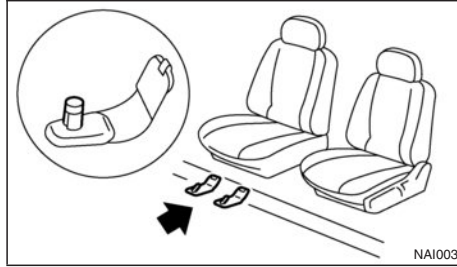
- Hanging-type air fresheners can cause permanent discoloration when they contact vehicle interior surfaces. Place the air freshener in a location that allows it to hang free and not contact an interior surface.
- Liquid-type air fresheners typically clip on the vents. These products can cause immediate damage and discoloration when spilled on interior surfaces.

Carefully read and follow the manufacturer's instructions before using air fresheners.

## FLOOR MATS

The use of genuine NISSAN floor mats (where fitted) can extend the life of your vehicle carpet and make it easier to clean the interior. Regardless of what mats are used, be sure they are fitted for your vehicle and are properly positioned in the foot well to prevent interference with pedal operation. Mats should be maintained with regular cleaning and replaced if they become excessively worn.

### Floor mat positioning aid (Driver's side only)



This vehicle includes front floor mat brackets at the driver's side to act as floor mat positioning aid. NISSAN floor mats have been specially designed for your vehicle model. The driver's side floor mat has grogmet holes incorporated in it. Position the mat by placing the floor mat bracket hook through the floor mat grogmet hole while centring the mat in the floorwell.

Periodically check to make certain the mats are properly positioned.

## 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" in the "1. Safety — seats, seat belts and supplemental restraint system" section.



### 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.**

## MODE 2 EVSE AND MODE 3 CABLE

The Mode 2 EVSE (Electric Vehicle Supply Equipment) and Mode 3 cable can be cleaned by wiping it 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 Mode 2 EVSE and Mode 3 cable to dry in a shady and well-ventilated place.



# CORROSION PROTECTION

## 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 vehicle 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, consult a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

NOTE

# 8 Maintenance and do-it-yourself

Maintenance requirement .....	8-2	Fuses .....	8-12
Scheduled maintenance .....	8-2	Motor compartment .....	8-12
General maintenance .....	8-2	Passenger compartment .....	8-13
Where to go for service .....	8-2	Lights .....	8-14
General maintenance .....	8-2	Headlights .....	8-14
Explanation of maintenance items .....	8-2	Exterior lights .....	8-15
Maintenance precautions .....	8-4	Interior lights .....	8-15
Motor compartment check locations .....	8-5	Light locations .....	8-16
Cooling system .....	8-5	Wheels and tyres .....	8-19
Checking coolant level .....	8-6	Tyre Pressure Monitoring System (where fitted) .....	8-19
Changing coolant .....	8-6	Tyre inflation pressure .....	8-19
Reduction gear fluid .....	8-6	Types of tyres .....	8-19
Brakes .....	8-7	Snow chains .....	8-20
Checking parking brake .....	8-7	Tyre rotation .....	8-20
Checking foot brake pedal .....	8-7	Tyre wear and damage .....	8-20
Brake pad wear warning .....	8-7	Tyre age .....	8-21
Brake fluid .....	8-7	Replacing wheels and tyres .....	8-21
Wiper blades .....	8-8	Wheel balance .....	8-21
Windscreen wiper blades .....	8-8	Spare tyre (where fitted) .....	8-21
Rear window wiper blade .....	8-9	Emergency tyre puncture repair kit (where fitted) .....	8-21
Window washer fluid .....	8-9	Care of wheels .....	8-21
Battery .....	8-10		
12-volt Battery .....	8-10		
Intelligent Key battery replacement .....	8-11		

## 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 system performance.

It is the owner's responsibility to make sure that the scheduled 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, both required and optional scheduled maintenance items are described and listed in the separately provided Warranty Information and Maintenance booklet. You must refer to that guide 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 knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as 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 smell, be sure to check for the cause or have a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer do it promptly. In addition, you should notify a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer if you think that repairs are required.

When performing any checks or maintenance work, see "Maintenance precautions" later in this section.

### EXPLANATION OF MAINTENANCE ITEMS

**Additional information on the following items with <sup>\*\*\*</sup> 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, the tailgate, the double cargo doors and the bonnet operate smoothly. Also ensure that all latches lock securely. Lubricate hinges, latches, latch pins, rollers and links 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. If necessary, adjust the pressure in all tyres, including the spare, to the pressure specified. Check carefully for damage, cuts or excessive wear.

**Tyre rotation\*:**

In the case that front & 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 front tyres are different size from rear tyres, tyres cannot be rotated.

**Tyre Pressure Monitoring System (TPMS) transmitter components (where fitted):**

Replace the TPMS transmitter grommet seal, valve core and cap 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.

**Inside vehicle**

The maintenance items listed here should be checked on a regular basis, such as when performing scheduled 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 mat 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 mat away from the pedal.

**Parking brake:**

Check the parking brake operation regularly. Check that the (handbrake) lever 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 washers 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 battery, 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.

## MAINTENANCE PRECAUTIONS

### Coolant level\*:

Check the coolant level when the coolant is cold. Make sure that the coolant level is between the MAX and MIN line 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 a cause and have it corrected immediately.

### Windscreen washer fluid\*:

Check that there is an adequate amount of 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 coloured orange.**
- **Disassembling, removing or replacing those parts or cables can cause severe burns or electric shock that may result in serious injury or death. The vehicle high voltage system has no user serviceable parts. Take your vehicle to a knowledgeable electric vehicle repairer such as a 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. Move the shift lever to the P (Park) position.**
- **If you must work while the electric vehicle system is turned on, keep hands, clothing, hair and tools away from moving fans and any other moving parts.**

- **Make sure that the power switch is in the OFF or LOCK position when performing any part replacement or repair.**
- **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.**
- **Do not get under a vehicle that 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. Place the power switch in the OFF position and wait until the motor 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 12-volt 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 ACC, ON or READY to drive position. To avoid injury, always disconnect the negative 12-volt battery cable before working near the fan.**

## MOTOR COMPARTMENT CHECK LOCATIONS

- Before performing any electrical maintenance work on the vehicle such as the battery, fuses or bulb replacement, confirm the following:
  - The charge connector is removed from the vehicle.
  - The Climate Ctrl. Timer and Remote Climate Control (where fitted) are not active or operating. See "Climate Ctrl. Timer" in the "4. Display screen, heater and air conditioner, and audio system" section and "Climate Ctrl. Timer" in the "4. Display screen, heater and air conditioner, and audio system" section.
  - The 12-volt battery is not being charged by the Li-ion battery and that all charging status indicator lights are off. See "Charging the 12-volt battery" in the "EV. Electric vehicle overview" section and "Charging status indicator lights" in the "CH. Charging" section.
- The power switch is in the OFF position. Place the power switch in the ON position and then in the OFF position to prevent the 12-volt battery automatically being charged by the Li-ion battery. See "Charging the 12-volt battery" in the "EV. Electric vehicle overview" section.

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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**

For an overview of the motor compartment, see "Motor compartment" in the "O. Illustrated table of contents" section.

## 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

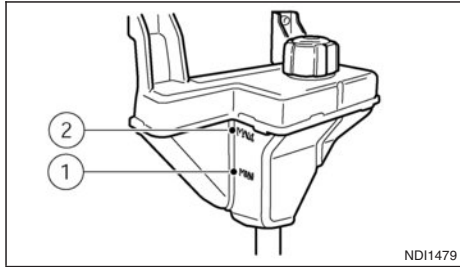
- Never use any additives in the coolant such as radiator sealer in the cooling system. This may cause damage to electrical equipment such as the motor and inverter.
- The use of other types of coolant solutions may damage the high voltage cooling system parts.
- The coolant tank is equipped with a special type of coolant tank cap. To minimise the risk of damage to the motor compartment, NISSAN recommends the use of a Genuine NISSAN coolant tank cap.

For Europe: When adding or replacing coolant, be sure to use Genuine NISSAN Coolant or equivalent in its quality. Genuine NISSAN Coolant is a pre-mixed (mixture ratio 50%) type coolant.

Except for Europe: Examples of the mixture ratio of coolant and water are shown in the following table:

Outside temperature down to		Coolant	Demineralised or distilled water
°C	°F		
-15	5	30%	70%
-35	-30	50%	50%

## 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 ①, open the reservoir cap and add coolant up to the <MAX> level ②.

Tighten the cap securely after adding coolant.

**If the cooling system frequently requires coolant, have it checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**

## CHANGING COOLANT

Major cooling system repairs should be performed by a knowledgeable electric vehicle repairer such as 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 radiator.
- 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.



### NISSAN Blue Citizenship

**Coolant must be disposed of properly. Check your local regulations.**

When checking or replacement is required, we recommend a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer for servicing.

### CAUTION

**Use only Genuine NISSAN Matic Fluid S ATF. Using reduction gear fluid other than Genuine NISSAN Matic Fluid S ATF will cause deterioration in driveability and reduction gear durability, and may damage the reduction gear, which is not covered by warranty.**



## BRAKES

If the brakes do not operate properly, have the brakes checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

### CHECKING PARKING BRAKE

Periodically check the holding ability of the parking brake by parking on a steep hill and restraining the vehicle by using only the parking brake. If it does not hold satisfactorily, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

### CHECKING FOOT BRAKE PEDAL

If the brake pedal suddenly goes down further than normal, the pedal feels “spongy” or the vehicle seems to take longer to stop, contact a knowledgeable electric vehicle repairer such as 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 knowledgeable electric vehicle repairer such as 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 the NISSAN Warranty Booklet and Maintenance Record.

## BRAKE FLUID

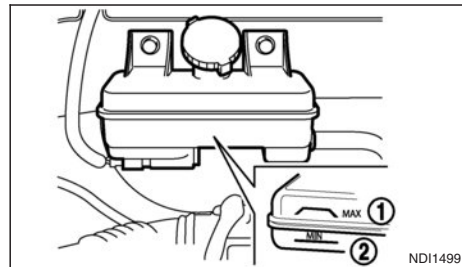


#### WARNING

- **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 brake performance.**
- **Clean the filler cap before removing.**
- **Brake fluid is poisonous and should be stored carefully in marked containers out of the reach of children.**

#### 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 or the brake warning light illuminates, add fluid up to the MAX line ①. For recommended type of fluid, see “Capacities and recommended fluids/lubricants” in the “9. Technical information” section.

## WIPER BLADES

If fluid must be added frequently, the system should be checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

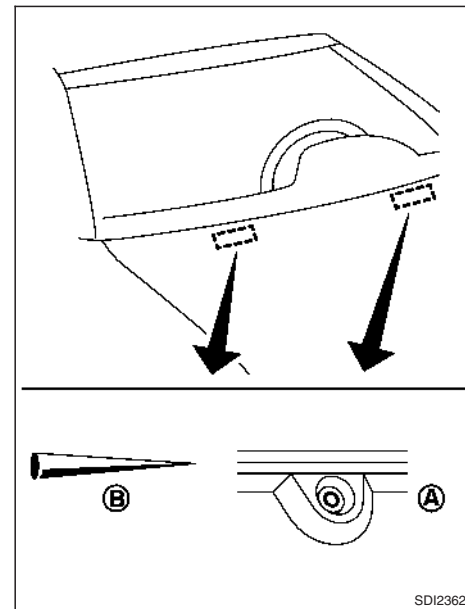
### WINDSCREEN WIPER BLADES

#### Cleaning

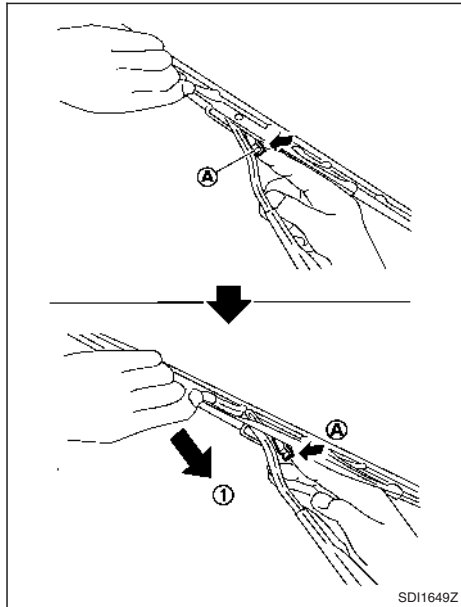
If the windscreen does not become clear after using the windscreen washer or if the wiper blades chatter when operating the windscreen wipers, wax or other materials may be on the windscreen and/or wiper blades.

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 (A). This may cause improper windscreen washer operation. If the nozzle is clogged, remove any objects with a needle or small pin (B). Be careful not to damage the nozzle.

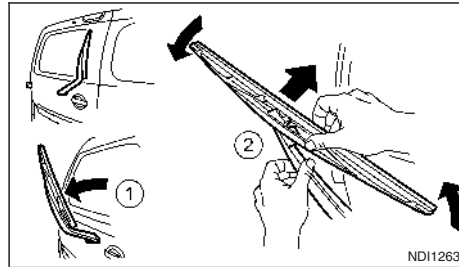


SDI1649Z

### CAUTION

- After wiper blade replacement, return the wiper arm to its original position. Otherwise the wiper arm or the bonnet may be scratched and may cause damage when the bonnet is opened.
- Worn wiper blades can damage the windscreen and impair driver vision.

### REAR WINDOW WIPER BLADE

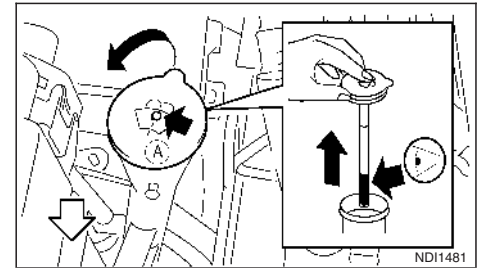


NDI1263

1. Lift the wiper arm.
2. Hold and rotate carefully the wiper blade anti clockwise until the blade becomes free.
3. Insert the new wiper blade onto the wiper arm and snap it into place.
4. Return the wiper arm to its original position.

### Replacing

1. Lift the wiper arm away from the windscreen.
2. Push and hold the release tab (A), and then move the wiper blade down the wiper arm to remove (1).
3. Remove the wiper blade.
4. Insert the new wiper blade onto the wiper arm until it clicks into place.



NDI1481



### WARNING

Anti-freeze is poisonous and should be stored carefully in marked containers out of the reach of children.

To check the fluid level, place your finger over the hole (A), then remove the cap/tube assembly from the reservoir. If the level is low in the tube, add fluid in the reservoir.

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.

Refill the reservoir more frequently when driving conditions require the use of an increased amount of window washer fluid.








### CAUTION

- Do not substitute anti-freeze coolant for window washer solution. This may result in damage to the paint.

# BATTERY

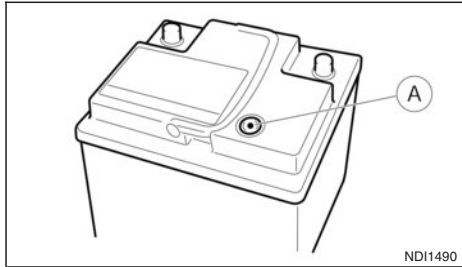
- Always use window washer fluid recommended by NISSAN.

## 12-VOLT BATTERY

Caution symbols for battery			 <b>WARNING</b>
①		No smoking No exposed flames No sparks	Never smoke around the battery. Never expose the battery to open flames or electrical sparks.
②		Shield eyes	Handle the battery cautiously. Always wear eye protection glasses to protect against explosion or battery acid.
③		Keep away from children	Never allow children to handle the battery. Keep the battery out of reach of children.
④		Battery acid	Do not allow battery fluid to contact your skin, eyes, fabrics, or painted surfaces. After handling the battery or battery cap, immediately wash your hands thoroughly. If the battery fluid gets into your eyes, or onto your skin or clothing, flush with water immediately for at least 15 minutes and seek medical attention. Battery fluid is acid. If the battery fluid gets into your eyes or onto your skin, it could cause eyesight loss or burns.
⑤		Note operating instructions	Before handling the battery, read this instruction carefully to ensure correct and safe handling.
⑥		Explosive gas	Hydrogen gas, generated by battery fluid, is explosive.

- Keep the 12-volt battery surface clean and dry. Clean the 12-volt battery with a solution of baking soda and water.
- Make sure the terminal connections are clean and securely tightened.
- An improperly disposed 12-volt battery can harm the environment. Always conform to local regulations for battery disposal.

### Maintenance free battery



For a maintenance free battery it is not required to check the fluid level. However, NISSAN recommends to visually check the green indicator (A) status periodically. If it is not visible, replace the battery as soon as possible.

If battery replacement or check is required, contact a knowledgeable electric vehicle repairer such as 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" in the "6. In case of emergency" section. 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

### INTELLIGENT KEY BATTERY REPLACEMENT

#### CAUTION

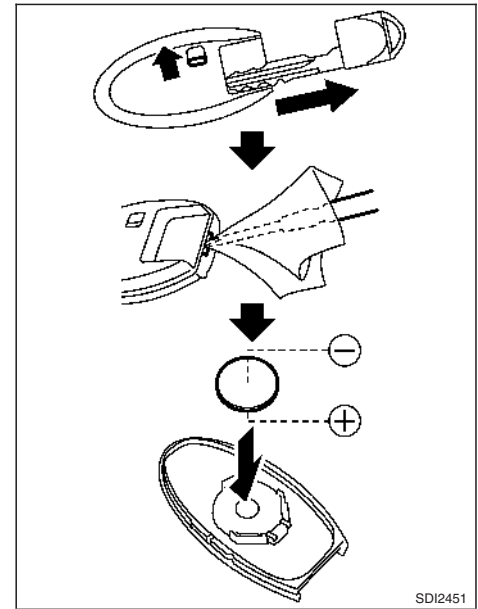
- Be careful not to allow children to swallow the battery and removed parts.



NISSAN Blue Citizenship

An improperly disposed battery can harm the environment. Always conform to 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:

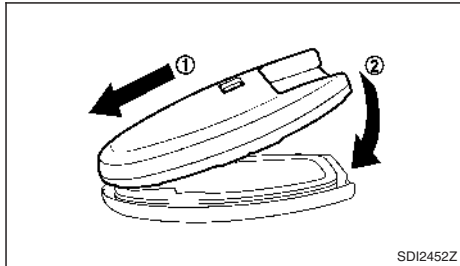
1. Remove the mechanical key from the Intelligent Key.
2. Insert a small flat blade screwdriver into the slit of the corner and twist it to separate the upper part from the lower part. Use a cloth to protect the casing.
3. Replace the battery with a new one.

## FUSES

### Recommended battery:

CR2025 or equivalent

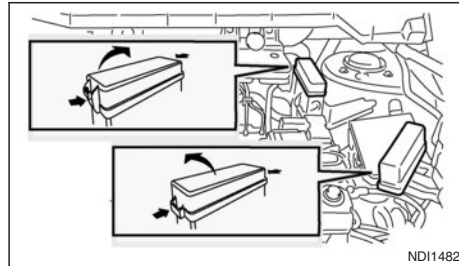
- Do not touch the internal circuit and electric terminals as doing so could cause a malfunction.
- Hold the battery by the edges. Holding the battery across the contact points will seriously deplete the storage capacity.
- Make sure that the + side faces the bottom of the case.



4. Align the tips of the upper and lower parts ①, and then push them together ② until it is securely closed.
5. Operate the buttons to check that it is functioning properly.

Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer, if you need assistance for battery replacement.

### MOTOR COMPARTMENT



### WARNING

**Never touch, disassemble, remove or replace the high-voltage parts and cables, as well as their connectors. High-voltage cables are coloured orange. Touching, disassembling, removing or replacing those parts and cables can cause severe burns or electric shock that may result in serious injury or death.**

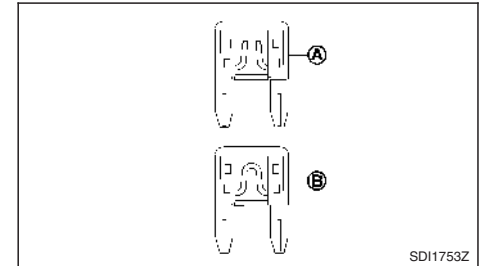
### CAUTION

**Never use a fuse of a higher or lower amperage rating than that specified on the fuse box cover. This could damage the electrical system or cause a fire.**

If any electrical equipment does not operate, check for an open fuse.

1. Be sure the power switch is in the OFF or LOCK position.
2. Be sure the headlight switch is in the OFF position.

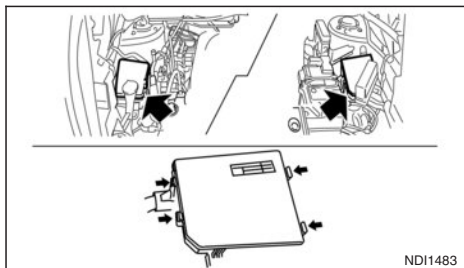
3. Open the bonnet.
4. Remove the fuse cover by pressing the tabs first then carefully open the cover.
5. Locate the fuse that needs to be replaced.
6. Remove the fuse using the fuse puller which is located in the passenger compartment fuse box.



7. If the fuse is open ①, replace it with a new fuse ②.
8. Install the fuse cover in the reverse order of removal.
9. Close the bonnet.

### NOTE

**If the new fuse opens again, after installing, have the electrical system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**

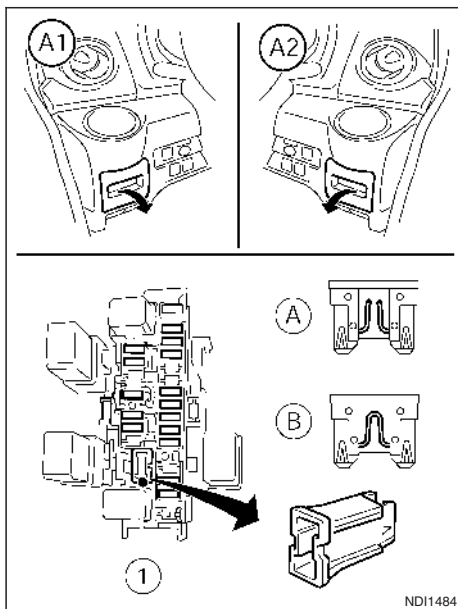


NDI1483

### Fusible links

If any electrical equipment does not operate and the fuses are in good condition. Have the fusible links checked by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## PASSENGER COMPARTMENT



NDI1484

Ⓐ LHD

Ⓑ RHD

### CAUTION

**Never use a fuse of a higher or lower amperage rating than that specified on the fuse box cover. This could damage the electrical system or cause a fire.**

If any electrical equipment does not operate, check for an open fuse.

1. Be sure the power switch is in the OFF or LOCK position.
2. Be sure the headlight switch is in the OFF position.
3. Open the fuse box cover.
4. Locate the fuse that needs to be replaced.
5. Remove the fuse using the fuse puller ①.
6. If the fuse is open Ⓐ, replace it with a new fuse Ⓑ.
7. Close the fuse box lid.

### NOTE

**If the new fuse opens again, after installing, have the electrical system checked, and if necessary repaired, by a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.**

# LIGHTS

## 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, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

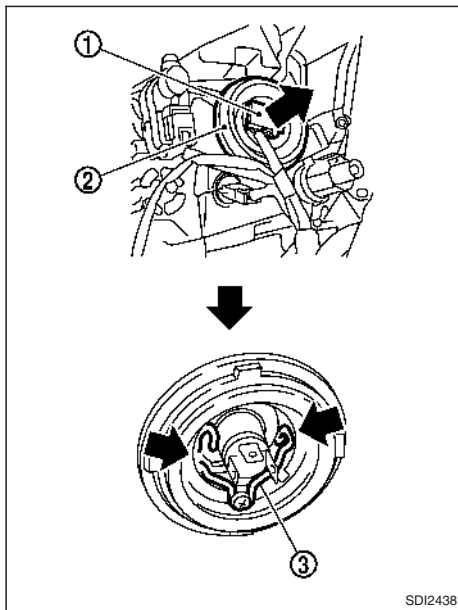
### Replacing halogen headlight bulb

The halogen headlight is a semi-sealed beam type which uses replaceable headlight (halogen) bulbs. They can be replaced from inside the motor compartment without removing the headlight assembly.

#### CAUTION

**High-pressure halogen gas is sealed inside the bulb. The bulb may break if the glass envelope is scratched or the bulb is dropped.**

1. Disconnect the battery negative cable.



2. Disconnect the electrical connector ① from the rear end of the bulb.
3. Pull off the rubber cap ②.
4. Push and turn the retaining pin ③ to loosen it.
5. Remove the headlight bulb. Do not shake or rotate the bulb when removing it.

6. Install the new bulb in the reverse order of removal.

#### CAUTION

- **When handling the bulb, do not touch the glass envelope.**
- **Use the same number and wattage as originally installed:  
Halogen headlight model  
60W/55W (H4 type)**
- **Do not leave the bulb out of the headlight reflector for a long period of time as dust, moisture and smoke may enter the headlight body and affect the performance of the headlight.**

Aiming adjustment is not necessary if only the bulbs are replaced. When aiming adjustment is necessary, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.



## EXTERIOR LIGHTS

Item	Wattage (W)	Type
Front turn signal light	21	PY21W
Clearance (Front side) light	5	W5W
	LED**1	LED**1
Front fog light**1	55	H11
Day time running light**1	19	PS19W
Side turn signal light	5	W5W
Rear combination light		
Turn signal	21	PY21W
Stop/Tail light*	LED	LED
Rear fog light	21	P21W
Reverse light	21	P21W
High-mounted stop light*	16	W16W
Number plate light	5	W5W

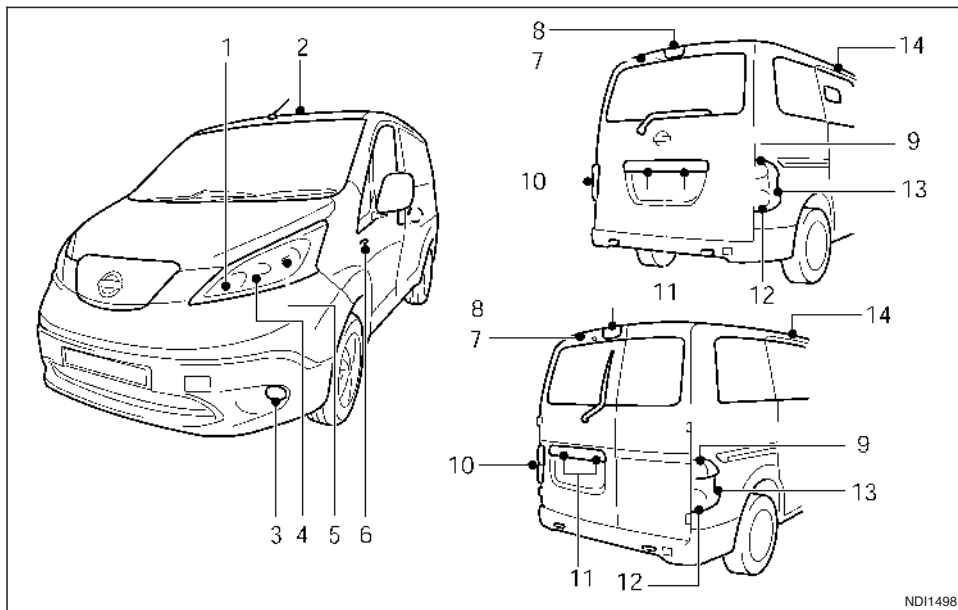
\*: For replacement, see a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

\*\*1: where fitted

## INTERIOR LIGHTS

Item	Wattage (W)	Type
Room light	10	W10W
Room light/Map lights*	5	W5W
Rear compartment light	6	W6W

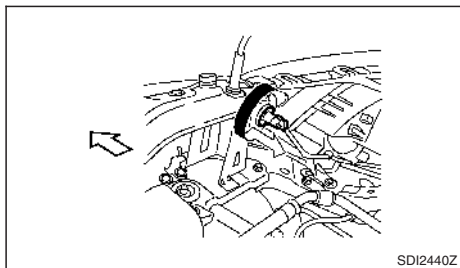
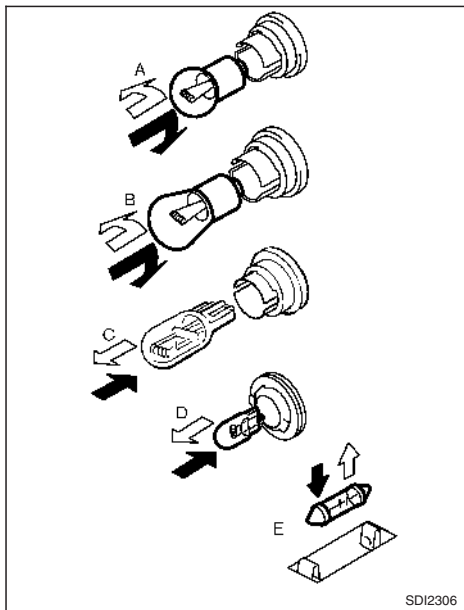
\*: where fitted



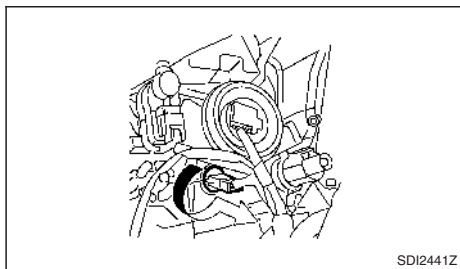
11. Number plate light
12. Reverse light ((LHD) models), or Rear fog light ((RHD) models)
13. Rear turn signal light
14. Room light (where fitted)

## LIGHT LOCATIONS

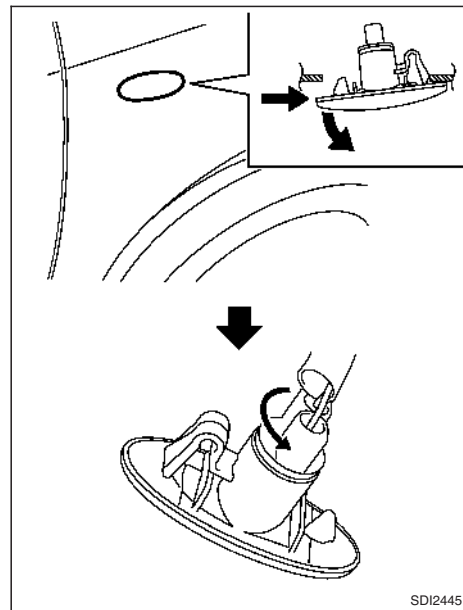
1. Clearance (Front side) light
2. Room light or Room light/Map lights (where fitted)
3. Front fog light/Day time running light (where fitted)
4. Front turn signal light
5. Headlight
6. Side turn signal light
7. Rear compartment light
8. High-mounted stop light
9. Stop/tail light
10. Rear fog light ((LHD) models), or Reverse light ((RHD) models)



Front turn signal light



Clearance (Front side) light (Bulb type)

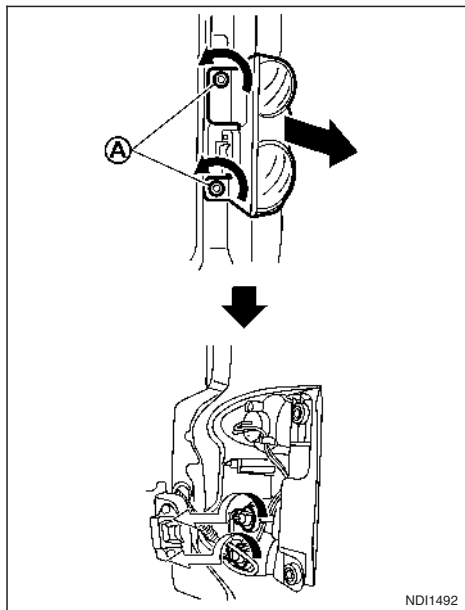


Side turn signal light



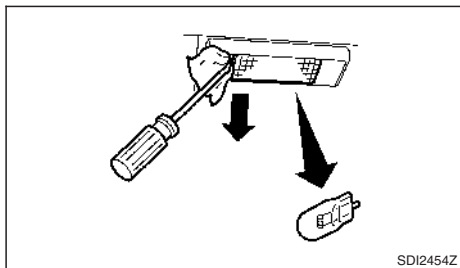
### Replacement procedures

All other lights are either type A, B, C, D or E. When replacing a bulb, first remove the lens and/or cover.



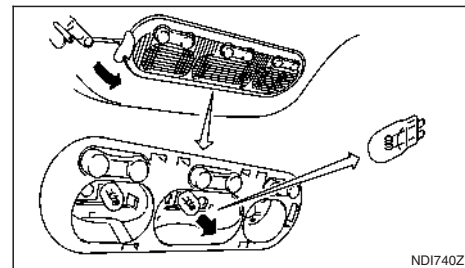
Rear combination light

NDI1492



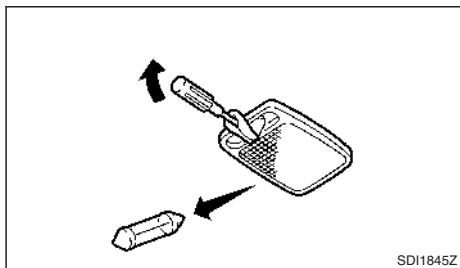
Number plate light

SDI2454Z



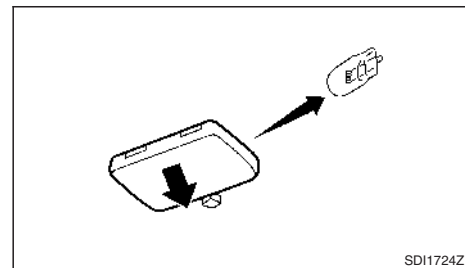
Room light/Map lights (where fitted)

NDI740Z



Room light

SDI1845Z

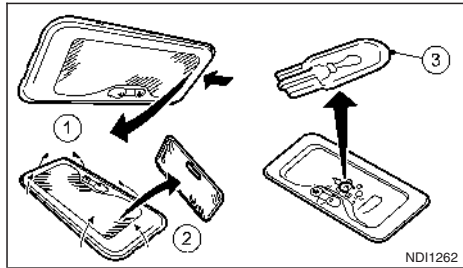


Rear compartment light (Type A)

SDI1724Z

Ⓐ : Bolts

## WHEELS AND TYRES



Rear compartment light (Type B)

In case of a flat tyre, see “Flat tyre” in the “6. In case of emergency” section.

### TYRE PRESSURE MONITORING SYSTEM (where fitted)

The Tyre Pressure Monitoring System (TPMS) monitors tyre pressure of all tyres except the spare tyre (where fitted). When the low tyre pressure warning light is lit, one or more of the 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 about the TPMS, see “Warning/indicator lights and audible reminders” in the “2. Instruments and controls” section, “Vehicle information display” in the “2. Instruments and controls” section, or “Precautions when starting and driving” in the “5. Starting and driving” section.

### TYRE INFLATION PRESSURE

Periodically check the pressure of the tyres, including the spare tyre. An incorrect tyre pressure may adversely affect tyre life and vehicle handling. The tyre pressure should be checked when tyres are COLD. Tyres are considered COLD after the vehicle has been parked for 3 or more hours, or driven less than 1.6 km (1 mile). COLD tyre pressures are shown on the tyre placard attached to the driver’s side door pillar.

Insufficient pressure can lead to an overheating of the tyre and subsequent internal damage. At high speeds, this could result in tread separation and even bursting of the tyre.

### 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 knowledgeable electric vehicle repairer such as 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.

#### 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.

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.

## SNOW CHAINS

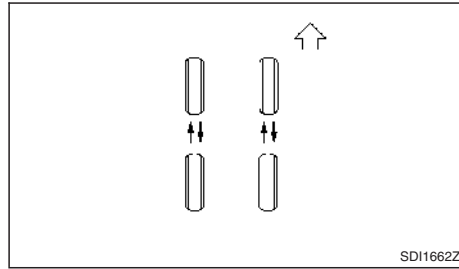
Use of snow chains may be prohibited according to location. Check the local laws before installing snow chains. When installing snow chains, make sure they are the proper size for the tyres on your vehicle and are installed according to the chain manufacturer's suggestions.

Use chain tensioners when recommended by the snow chain manufacturer to ensure a tight fit. Loose end links of the snow 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 snow chains. In addition, drive at a reduced speed. Otherwise, your vehicle may be damaged and/or vehicle handling and performance may be adversely affected.

### **Snow chains must be installed only on the front wheels and not on the rear wheels.**

Do not use snow chains on dry roads. Driving with snow chains in such conditions can cause damage to the various mechanisms of the vehicle due to some overstress.

## TYRE ROTATION



NISSAN recommends rotating the tyres every 10,000 km (6,000 miles). However, the timing for tyre rotation may vary according to your driving habits and the road surface conditions. See "Flat tyre" in the "6. In case of emergency" section for tyre replacement procedures.



### **WARNING**

- **After rotating the tyres, adjust the tyre pressure.**
- **Retighten the wheel nuts when the vehicle has been driven for 1,000 km (600 miles) (after the wheel has been refitted to the vehicle for any reason (tyre rotation, flat tyre, etc.)).**

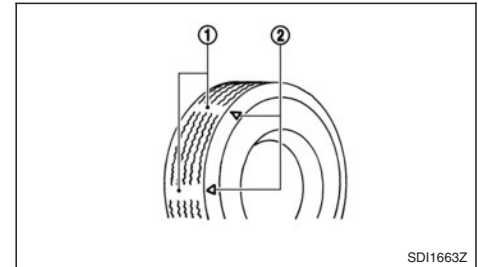
- **Incorrect tyre selection, fitting, care, or maintenance can affect vehicle safety with risk of accident and injury. If in doubt, consult a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer or the tyre manufacturer.**

### **NOTE**

**Models with Tyre Pressure Monitoring System (TPMS).**

**After rotating the tyres, the TPMS must be calibrated. See "TPMS calibration" in the "5. Starting and driving" section for details about the calibration procedure.**

## TYRE WEAR AND DAMAGE



1. Wear indicator
2. Wear indicator location mark

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.

Improper service of a spare tyre may result in serious personal injury. If it is necessary to repair the spare tyre, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## TYRE AGE

Never use a tyre over six years old, regardless of whether it has been used or not.

Tyres degrade with age as well as with the vehicle usage. Have the tyres checked regularly and balanced by a repair shop or, if you prefer, a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## REPLACING WHEELS AND TYRES



### WARNING

- **Do not install a deformed wheel or tyre even if it has been repaired. Such wheels or tyres could have structural damage and could fail without warning.**
- **If the wheels are changed for any reason, always replace with wheels which have the same off-set dimension. Wheels with different off-set could cause premature tyre wear, degrade vehicle handling characteristics and/or could cause interference with the brake discs/drums. Such interference can lead to decreased braking efficiency and/or early brake pad/shoe wear.**

When replacing a tyre, use the same size, tread design, speed rating and load carrying capacity as originally equipped. See “Specifications” in the “9. Technical information” section for recommended types and sizes of tyres and wheels.

The use of tyres other than those that match the quality of those recommended by NISSAN 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, ground clearance, body-to-tyre clearance, snow chain clearance, Tyre Pressure Monitoring System (TPMS) (where fitted), speedometer calibration, headlight aim and bumper height. Some of these effects may lead to accidents and could result in serious personal injury.

## 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.

## SPARE TYRE (where fitted)

A standard tyre (the same size as the road wheels) is supplied with your vehicle.

## EMERGENCY TYRE PUNCTURE REPAIR KIT (where fitted)

The emergency tyre repair kit is supplied with 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 knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer as soon as possible for tyre inspection and repair/replacement.

## CAUTION

**Do not use the emergency tyre repair kit under the following conditions. Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer or professional road assistance.**

- when the sealant has passed its expiration date
- when the cut or the puncture is approximately 4 mm (0.16 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 punctured

## CARE OF WHEELS

For details, see “Wheels” in the “7. Appearance and care” section.

NOTE



# 9 Technical information

Capacities and recommended fluids/lubricants .....	9-2	Vehicle Identification Number (VIN) plate .....	9-5
Air conditioning system refrigerant and lubricant recommendations .....	9-3	Vehicle Identification Number (chassis number) .....	9-6
Specifications.....	9-4	Traction motor serial number .....	9-6
Charging system.....	9-4	Tyre placard .....	9-6
Motor.....	9-5	Air conditioner specification label .....	9-6
Wheels and tyres.....	9-5	Installation of an RF transmitter .....	9-6
Dimensions.....	9-5	Radio approval number and information .....	9-7
When travelling or transferring your registration to another country.....	9-5	Tyre Pressure Monitoring System (TPMS) Tuner (Receiver).....	9-7
Vehicle identification.....	9-5	TCU (Telematics Control Unit).....	9-7
Vehicle identification label.....	9-5	Radio frequency approval.....	9-9

# CAPACITIES AND RECOMMENDED FLUIDS/LUBRICANTS

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.

	Capacity (approximate)			Recommended Fluids/Lubricant
	Metric Measure	US Measure	Imperial Measure	
Cooling system				
With reservoir	5.2 L	5-1/2 qt	4-5/8 qt	<ul style="list-style-type: none"> <li>• Genuine NISSAN Coolant or equivalent in its quality</li> <li>• 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. <b>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.</b></li> </ul>
Reservoir	0.41 L	1/4 qt	3/8 qt	
Reduction gear fluid	1.35 L	1-1/4 qt	1-1/4 qt	<ul style="list-style-type: none"> <li>• Genuine NISSAN Matic S ATF</li> <li>• <b>Using reduction gear fluid other than Genuine NISSAN Matic S ATF will cause deterioration in driveability and reduction gear durability, and may damage the reduction gear, which is not covered by the warranty.</b></li> </ul>
Brake fluid	Refill to the proper level according to the instructions in the "8. Maintenance and do-it-yourself" section.			<ul style="list-style-type: none"> <li>• Genuine NISSAN Brake Fluid, or equivalent DOT 4</li> <li>• Never use DOT 3 type fluid</li> <li>• For details, contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer</li> </ul>
Multi-purpose grease	—	—	—	NLGI No. 2 (Lithium soap base)
Air conditioning system refrigerant	—	—	—	<ul style="list-style-type: none"> <li>• For Europe: HFO-1234yf (R-1234yf)</li> <li>• Except for Europe: HFC-134a (R-134a)</li> </ul>
Air conditioning system lubricants	—	—	—	<ul style="list-style-type: none"> <li>• For Europe: Compressor oil POE or equivalent</li> <li>• Except for Europe: Compressor oil ND-OIL11 or equivalent</li> </ul>

## AIR CONDITIONING SYSTEM REFRIGERANT AND LUBRICANT RECOMMENDATIONS

**The air conditioning system in your NISSAN vehicle must be charged with the specified refrigerant and the compressor oil or equivalents.**

- Refrigerant
  - For Europe: HFO-1234yf (R-1234yf)
  - Except for Europe: HFC-134a (R-134a)
- Compressor oil
  - For Europe: POE or equivalent
  - Except for Europe: ND-OIL11 or equivalent

### CAUTION

**The use of any other refrigerant or oil will cause severe damage to the air conditioning system and will require the replacement of all air conditioner system components.**

The refrigerant in your NISSAN vehicle will not harm the earth's ozone layer. Although this refrigerant does not affect the earth's atmosphere, certain governmental regulations require the recovery and recycling of any refrigerant during automotive air conditioning system service. A knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer has the trained technicians and equipment needed to recover and recycle your air conditioning system refrigerant.

Contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer when servicing the air conditioning system.

# SPECIFICATIONS

## CHARGING SYSTEM

Rated input voltage	AC220V - AC240V (single phase)	
Rated input frequency	50Hz	
Maximum rated current	32A	
Sensitive current of GFI (Ground Fault Interrupter) circuit breaker in NISSAN Genuine portable type Mode 2 EVSE (Electric Vehicle Supply Equipment)	15mA	
Protection class	Class electric vehicle	
Charging modes/Type of connection	Mode 2/Case B (Normal charge with NISSAN Genuine portable type Mode 2 EVSE) Mode 3/Case B/C (Normal charge with public charging stand, etc) Mode 4/Case C (Quick charge, Where fitted)	
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 or NISSAN Mode3 cable is connected to the normal charge port	
Operating temperature	Same as vehicle's operating temperature	
Storage temperature	Same as vehicle's storage temperature	
Altitude	Up to 3000m	
Applicable standard	EN61851-1:2011 EN61851-21:2002 IEC61851-1:2010 IEC61851-21:2001 EN62752	EN61000-6-1:2007 EN61000-6-2:2005 EN61000-6-3:2007 EN61000-6-4:2007

## MOTOR

Model	EM57
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## WHEELS AND TYRES

### Road wheel

Type	Size	Offset mm (in)
Steel	15 × 6 J	40 (1.57)
Aluminium	15 × 6 J	40 (1.57)

\*: Where fitted

### Tyre

Type	Size
Conventional	185/65R15 92H XL
Spare tyre*	185/65R15 92H XL

\*: If the spare wheel/tyre is not fitted, an emergency tyre puncture kit is supplied as a standard item.

## DIMENSIONS

Unit: mm (in)

Overall length	4,560 (179.5)
Overall width	1,755 (69.1)
Overall height	1,850 (72.8) *1 1,855 (73) *2
Front tread	1530 (60.2)
Rear tread	
Wheelbase	2,725 (107.3)

\*1: Wagon models

\*2: Van models

## WHEN TRAVELLING OR TRANSFERRING YOUR REGISTRATION TO ANOTHER COUNTRY

**When planning to travel in another country**, you should first find out if the charging equipment is compatible with that country's electrical system.

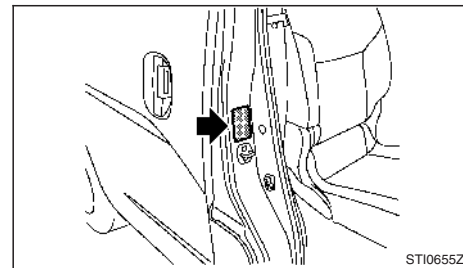
**When transferring your vehicle registration to another country**, it may be necessary to modify the vehicle to meet local laws and regulations.

The laws and regulations for motor vehicle safety standards vary according to the country, state, province or district; therefore, vehicle specifications may differ.

**NISSAN is not responsible for any inconvenience when the vehicle is taken to and registered in another country. The necessary modifications, transportation and registration are the owner's responsibility.**

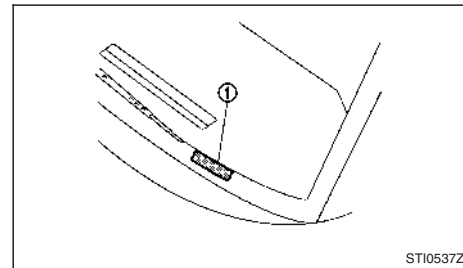
## VEHICLE IDENTIFICATION

### VEHICLE IDENTIFICATION LABEL



The label is attached as shown in the front passenger's side centre pillar.

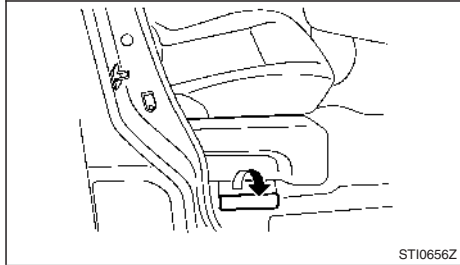
### VEHICLE IDENTIFICATION NUMBER (VIN) PLATE



The vehicle identification number plate ① is attached as shown. This number is the identification for your vehicle and is used in the vehicle registration.

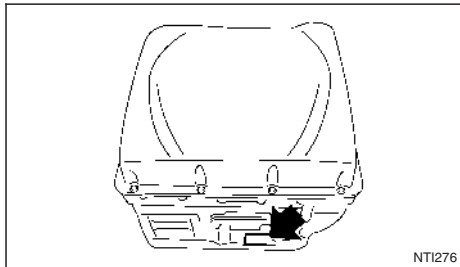
## INSTALLATION OF AN RF TRANSMITTER

### VEHICLE IDENTIFICATION NUMBER (chassis number)



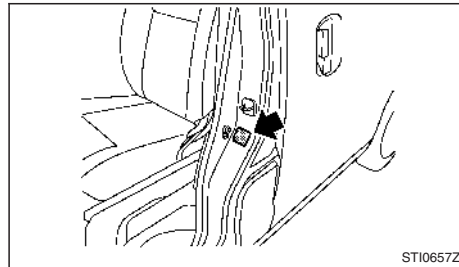
The vehicle identification number is stamped as shown.

### TRACTION MOTOR SERIAL NUMBER



The serial number is stamped on the traction motor as shown.

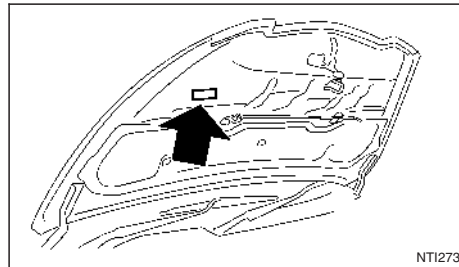
### TYRE PLACARD



Left Hand Drive models (example)

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.

### 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 or qualified workshop for precautionary measures or special instructions regarding installation. Upon request, your NISSAN certified electric vehicle dealer or qualified workshop will provide the detailed information (frequency band, power, antenna position, installation guide, etc.) regarding installation.

# RADIO APPROVAL NUMBER AND INFORMATION

## TYRE PRESSURE MONITORING SYSTEM (TPMS) TUNER (Receiver)

**ALPS ELECTRIC CO., LTD.**  
**שם המודל TWB1G662 TWC1G154 TWK1A002**  
 תוצרת יפן


Carasso Motors Ltd  
 Logistic Center - Park Re'em  
 P.O. Box 90 - 60860 Benei-Aish Israel

א. השימוש במכשיר היינו על בסיס "משני" ומטור  
 מרשיון הפעלה אלוטוטי.  
 ב. רק "בפעולת בוק" לשימוש עצמי של הלקוח בלבד,  
 הצורך פטור מרשיון הפעלה אלוטוטי.  
 ג. אסור להחליף את האנטנה המקורית של המכשיר,  
 ולא לעשות בו כל שינוי טכני אחר.

NTI249

For Israel

## TCU (Telematics Control Unit)



ADVANCED  
AUTOMOTIVE  
ANTENNAS

**DECLARATION OF CONFORMITY**


WE,  
**ADVANCED AUTOMOTIVE ANTENNAS, S.L.**  
 C/Carretera de Castellón, 100 - Parcela 5,  
 46100 Benicarlón, Spain  
 Telephone: +34 93 702 9000

declare under our sole responsibility that the product:  
 Category name: Telematics Control Unit  
 Model name: TCU GEN2 AS

is which this declaration relates to in conformity with the following standard(s) or other normative documents:

Health & Safety (PRED art. 3.1a)	EN 60950-1:2006+A11:2009+A12:2011 IEC 62368-1:2015 EN 62311:2008
EMC (PRED art. 3.1b)	EN 301489 v1.2.1.1 EN 301488 v1.2.1.1 EN 301489 v2 v1.1.0
RF spectrum use (PRED art. 3.2)	EN 301891 v1.2.1.1 EN 301908 v1 v1.1.1 EN 300340 v2 v1.1.1

Following the provisions of 2014/53/EU, Radio Equipment directive.  
 Benicarlón, June 07, 2017



Product Engineering Director

LNH0144X

Operating frequency range	Maximum power
4G:	B1, B3, B7, B8, B20 23 dBm
3G:	B1, B8 24 dBm
2G:	850 MHz, 900MHz 33 dBm
2G:	1800 MHz, 1900MHz 30 dBm

### Importer address:

Nissan International SA  
 Zone d activités La pièce 12,  
 1180 Rolle, Switzerland

## Telematic Control Unit Gen2K

### A. INTRODUCTION

This product Telematic Control Unit Gen2K incorporates the following software:

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MPL: <https://www.mozilla.org/en-US/MPL/2.0/>

GPL-2.0-with-OpenSSL-exception: <https://gitlab.com/cryptsetup/cryptsetup/blob/master/COPYING>

GPLv3 GCC Exception: <https://www.gnu.org/licenses/gcc-exception-3.1.en.html>

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# RADIO FREQUENCY APPROVAL

All radio frequency products fitted to the vehicle range during production conform to the requirements of the Radio Equipment Directive (RED) 2014/53/EU.

The countries covered by this directive, or those which accept it, are: Albania, Austria, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, French Guyana, Georgia, Germany, Greece, Guadeloupe, Hungary, Iceland, Ireland, Italy, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Martinique, Mayotte, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Reunion, Romania, Saint Pierre & Miquelon, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Tuvalu, United Kingdom.

VEHICLE RADIO FUNCTIONS		
Frequency Range	Technology	Power/Magnetic Field
125 kHz (119 - 135 kHz)	Remote Keyless Entry Transponder Ring	≤ 42 dBµA/m at 10m
433 MHz (433.05 - 434.79 MHz)	Tyre Pressure Monitoring	≤ 10 mW e.i.r.p.
433.92 MHz (433.05 - 434.79 MHz)	Remote Keyless Entry	≤ 10 mW e.i.r.p.
20 kHz (9 - 90 kHz)	Keyless Go system	≤ 72 dBµA/m at 10m
2.4 GHz (2400 - 2483.5 MHz)	Bluetooth®, Wi-Fi	≤ 100 mW e.i.r.p.
824 - 894 MHz	GSM 850 (2G)	≤ 39 dBm e.i.r.p.
880 - 960 MHz	GSM 900 (2G)	≤ 39 dBm e.i.r.p.
1710 - 1880 MHz	GSM 1800 (2G)	≤ 36 dBm e.i.r.p.
1850 - 1890 MHz	GSM 1900 (2G)	≤ 33 dBm e.i.r.p.
1922 - 2168 MHz	W-CDMA Band I (3G)	≤ 24 dBm e.i.r.p.
24.05 - 24.25 GHz	24 GHz ISM Radar	≤ 100 mW e.i.r.p.
24.25 - 26.65 GHz	24 GHz UWB Radar	≤ -41,3 dBm/MHz e.i.r.p. mean ≤ 0 dBm/50 MHz e.i.r.p. peak
76 - 77 GHz	77 GHz Radar	≤ 55 dBm e.i.r.p.

NOTE

# 10 Index

## A

Air bags	
- Front passenger air bag switch	1-33
- Repair and replacement	1-35
- Supplemental restraint System	1-27
- Warning labels	1-30
- Warning light	1-31
Air conditioner	4-9
- Automatic (Type A)	4-11
- Automatic (Type B)	4-16
- Heater and air conditioner	4-9
- Refrigerant and lubricant	9-3
- Servicing	4-24
- Tips	4-15, 4-20, 4-21
Anti-Lock Braking System (ABS)	5-25
- Self test	5-25
Approaching Vehicle Sound for Pedestrians (VSP) system	EV-20
Approval numbers	9-7
Audio	4-24
- Anti-theft system	4-31
- AUX socket	4-29
- EV Navigation system	4-42
- FM AM radio with CD	4-30
- FM AM radio with CD – AUX	4-36
- FM AM radio with CD – Bluetooth	4-38
- FM AM radio with CD – CD	4-34
- FM AM radio with CD – Radio	4-32
- FM AM radio with CD – Settings	4-33
- NissanConnect	4-42

- Precautions	4-24
- Steering wheel switches	4-45
- Troubleshooting	4-28
- USB Connection Port	4-25

## B

Back door	3-15
Battery	8-10
- Charging - 12-volt battery	EV-4
- Driving - Discharged battery	EV-3
- Information	8-10
- Li-ion battery	EV-2
- Li-ion battery cooler	EV-6
- Li-ion battery warmer	EV-5
- Troubleshooting	CH-26
Battery saver system	
- Headlights	2-24
- Interior lights	2-39
Bluetooth®	4-42
- Calling	4-43
- Hands-Free Phone System	4-42
- Operation	4-43
- Settings	4-43
- Steering-wheel switches	4-46
Bonnet	3-15
- Release	3-15
Brakes	
- Anti-lock Braking System (ABS)	5-25
- Checking footbrake	8-7
- Checking parking brake	8-7

- Fluid .....	8-7
- Maintenance .....	8-7
- Pad wear warning .....	8-7
- Parking brake .....	3-20
- Precautions .....	5-23
- Regenerative braking .....	5-23
- System .....	5-23
- Trailer .....	5-21
Brightness	
- Instrument panel .....	2-4

<b>C</b>
----------

Capacities and recommendations .....	9-2
- Refrigerant .....	9-3
Card holder .....	2-36
Cargo	
- Cargo doors .....	3-16
CB radio .....	4-47
Charging	
- 12-volt battery .....	EV-4
- Charge cable .....	CH-12, EV-9
- Charge connector .....	EV-9, 3-17
- Charge port .....	EV-9, 3-17
- Charging timer .....	CH-16
- Immediate charge .....	CH-18
- Indicator lights .....	CH-20
- Li-ion battery .....	CH-4, EV-9
- Normal Charge .....	CH-7
- Operation .....	CH-16, CH-4
- Precautions .....	CH-3
- Quick Charge .....	CH-4
- Remote charge .....	CH-19
- Troubleshooting .....	CH-26

Checking	
- Coolant level .....	8-6
- Li-ion battery charge status .....	EV-11
- Seat belt .....	1-14
Child restraint anchorage .....	1-20
Child restraints .....	1-14
- Anchorage .....	1-20
- Child restraint anchorage .....	1-20
- Installation using three-point type seat belt .....	1-23
- ISOFIX installation .....	1-20
- ISOFIX system .....	1-17
- Precautions .....	1-14
- Universal child restraints for front seat and rear seats .....	1-16
Child safety	
- Door locks .....	3-6
- Seat belts .....	1-11
Cleaning .....	7-2
- Exterior .....	7-2
- Floor mats .....	7-4
- Glass .....	7-2
- Interior .....	7-3
- Seat belts .....	7-4
- Underbody .....	7-2
- Washing .....	7-2
Climate control	
- Remote Climate Control change .....	CH-19
Clock	
- Adjusting time .....	2-10
Cockpit	
- Overview .....	0-6
Cold weather .....	5-30
- Battery .....	5-31
- Winter equipment .....	5-31
Console box .....	2-34

Coolant .....	8-5
- Changing coolant .....	8-6
- Checking level .....	8-6
Corrosion protection .....	7-5
Cruise control .....	5-16
- Operation .....	5-16
- Precautions .....	5-16
Cup holders .....	2-34
- Bottle holder .....	2-34

## D

Defogger	
- Switch .....	2-29
Dimensions .....	9-5
Display	
- Brightness .....	2-4
- Resetting .....	2-12
- Trip computer .....	2-9
- Vehicle information display .....	2-4
Doors	
- Back door .....	3-15
- Locking (key) .....	3-4
- Locks .....	3-3
- Power door lock switch .....	3-6
- Tailgate .....	3-16
Driving .....	EV-15, 5-11
- Before driving .....	EV-10
- Care .....	5-8
- Cold weather .....	5-30
- Parking .....	5-19
- Precautions .....	5-8
- Shifting .....	5-12
- Wet conditions .....	5-8
- Winter conditions .....	5-8

## E

Electric vehicle .....	EV-2
- Approaching Vehicle Sound for Pedestrians (VSP) system .....	EV-20
- Before driving .....	EV-10
- Characteristics .....	EV-8
- Driving - Discharged battery .....	EV-3
- Efficient use .....	EV-18
- Emergency shut-off system .....	EV-8, 5-10, 6-2
- High voltage .....	EV-6
- Li-ion battery .....	EV-2
- Meters and indicators .....	EV-19
- Road accident precautions .....	EV-7
- Starting .....	EV-14
- Unique information .....	EV-19
- Warning and indicator lights .....	EV-20
Electronic Stability Programme (ESP) .....	5-26
- OFF switch .....	5-27
Emergency shut-off system .....	5-10
EVSE (Electric Vehicle Supply Equipment)	
- Charging .....	CH-12
- Cleaning .....	7-4
- Indicator lights .....	CH-21
EVSE (Electric Vehicle Supply Equipment) cable .....	EV-9
Exterior	
- Overview .....	0-3

## F

Filter	
- Air conditioner .....	4-23
Flat tyre .....	
- Changing .....	6-2
- Changing .....	6-3, 6-5
- Emergency tyre puncture repair kit .....	6-7

- Jacking ..... 6-4
- Fluids
- Air conditioner ..... 9-3
- Brake ..... 8-7
- Coolant ..... 8-5
- Recommendations and capacities ..... 9-2
- Reduction gear fluid ..... 8-6
- Window washer ..... 8-9
- Fog lights ..... 2-25
- Front – Operation ..... 2-26
- Rear – Operation ..... 2-26
- Frequency approval numbers ..... 9-9
- Fuses ..... 8-12
- Motor compartment ..... 8-12
- Passenger compartment ..... 8-13

**G**

- Gauges ..... 2-2
- Odometer ..... 2-2
- Speedometer ..... 2-2
- Glove box ..... 2-33

**H**

- Hazard indicator flasher switch ..... 6-2
- Head restraints ..... 1-7
- Adjustment ..... 1-7
- Removal ..... 1-8
- Headlights
- Aiming control ..... 2-23
- Switch ..... 2-22
- Heated seats ..... 1-3
- Heater and air conditioner ..... 4-9
- Automatic (Type A) ..... 4-11

- Automatic (Type B) ..... 4-16
- Servicing ..... 4-24
- Tips ..... 4-15, 4-20, 4-21
- High voltage
- Emergency shut-off system ..... EV-8
- Precautions ..... EV-6
- Hill Start Assist system ..... 5-29
- Home Charging Unit ..... CH-9
- Horn ..... 2-30

**I**

- Indicator lights
- Charge status ..... CH-20
- Injured persons ..... 1-12
- Instrument panel
- Overview ..... 0-8
- Intelligent Key ..... 3-2, 3-6
- Audible reminder ..... 3-10
- Battery - Discharge ..... 5-10
- Battery - Replacement ..... 8-11
- Locking ..... 3-8
- Operating range ..... 3-7
- Operation ..... 3-8
- Panic alarm ..... 3-13
- Remote keyless entry ..... 3-12
- Troubleshooting guide ..... 3-11
- Unlocking ..... 3-10
- Warning signals ..... 3-10
- Interior
- Lights – Operation ..... 2-39
- ISOFIX
- Anchor locations ..... 1-19
- Child restraints ..... 1-17
- Installation ..... 1-20

**J**

Jump starting .....	6-11
---------------------	------

**K**

## Keys

- Audible reminder .....	3-10
- Intelligent Key .....	3-2, 3-6
- Intelligent Key - Battery discharge .....	5-10
- Intelligent Key - Battery replacement .....	8-11
- Intelligent Key - Operating range .....	3-7
- Remote keyless entry .....	3-12

**L**

## Labels

- Air conditioner .....	9-6
- Battery caution label .....	8-10
- Tyres .....	9-6
- Vehicle identification .....	9-5

Li-ion battery .....	EV-2
- Available charge gauge .....	2-3
- Battery life .....	EV-18
- Charging .....	CH-3, CH-4, EV-9
- Cooler .....	EV-6
- Driving - Discharged battery .....	EV-3, 6-13
- Driving range .....	5-17
- Home Charging Unit .....	CH-9
- Normal Charging .....	CH-7
- Power meter bar .....	2-2
- Quick Charging .....	CH-4
- Status check .....	CH-19
- Troubleshooting .....	CH-26

- Warmer .....	EV-5
Lights .....	8-14
- Bulb information .....	8-15
- Daytime running lights .....	5-10
- Exterior – Bulb information .....	8-15
- Exterior – Locations .....	8-16
- Front fog lights .....	2-26
- Headlight aiming control .....	2-23
- Indicator lights .....	2-13
- Interior – Information .....	8-15
- Interior – Operation .....	2-39
- Rear fog lights .....	2-26
- Replacement .....	8-14
- Room light operation .....	2-39
- Switch – Fog lights .....	2-25
- Switch – Hazard warning flasher .....	6-2
- Switch – Headlights .....	2-22
- Switch – Turn signal .....	2-25
- Warning lights .....	2-13

## Locks

- Back door .....	3-15
- Door .....	3-3
- Locking (inside lock knob) .....	3-4
- Locking (key) .....	3-4
- Locking (power door lock switch) .....	3-6
- Shift lock release .....	5-13
- Steering .....	5-10
- Super lock system .....	3-3
Luggage hooks .....	2-36

**M**

## Maintenance

- General maintenance .....	8-2
- Precautions .....	8-4

- Requirements .....	8-2
- Settings .....	2-11
Meters and gauges .....	2-2
- Available charge gauge .....	2-3
- Brightness control .....	2-4
- Driving range .....	2-3
- Odometer .....	2-2
- Overview .....	0-10
- Power .....	2-2, EV-19
- Speedometer .....	2-2
- Trip computer .....	2-9
Mirrors .....	3-18
- Folding .....	3-19
- Inside rear view mirror .....	3-18
- Outside rearview mirrors .....	3-19
Mobile phone integration .....	4-43
- Calling .....	4-43
- Operation .....	4-43
Motor	
- Overview .....	0-11

**N**

NISSAN Anti-Theft System (NATS) .....	3-14
NISSAN Connect .....	4-42
Normal Charge .....	CH-7

**O**

Odometer .....	2-2
Overview	
- Cockpit .....	0-6
- Exterior .....	0-3
- High voltage system .....	EV-6
- Instrument panel .....	0-8

- Meters and gauges .....	0-10
- Motor compartment .....	0-11
- Passenger compartment .....	0-5
- Seats, Seat belts, Supplemental restraint system ...	0-2
- Warning lights / Indicator lights .....	2-13

**P**

Parcel shelf .....	2-37
Parking .....	5-19
- Brake .....	3-20
Parking brake .....	3-20
Passenger compartment .....	0-5
Phone .....	4-47
Power	
- Outlet .....	2-33
- Windows .....	2-31
Precautions	
- Brakes .....	5-23
- Charging .....	CH-3
- Child restraints .....	1-14
- Emergency shut-off system .....	EV-8
- High voltage .....	EV-6
- Maintenance .....	8-4
- Road accident .....	EV-7
- Safety .....	4-2
- Seat belts .....	1-10
- Starting and driving .....	5-2, 5-8
- Supplemental Restraint System .....	1-27
- Towing .....	6-13
- Trailer towing .....	5-20
Pregnant women .....	1-11
Protection	
- Corrosion .....	7-5
Push starting .....	6-13



**Q**

Quick Charge .....	CH-4
- Troubleshooting .....	CH-26
Quick reference .....	0-4

**R**

<b>Radio</b>	
- Anti-theft system .....	4-31
- Approval number and information .....	9-7
- EV Navigation system .....	4-42
- FM AM radio with CD .....	4-30
- FM AM radio with CD – AUX .....	4-36
- FM AM radio with CD – Bluetooth .....	4-38
- FM AM radio with CD – CD .....	4-34
- FM AM radio with CD – Radio .....	4-32
- FM AM radio with CD – Settings .....	4-33
- Steering wheel switches .....	4-45
Radio transmitter .....	9-6
<b>Rear-view monitor</b>	
- Displayed lines .....	4-3
<b>RearView monitor</b>	
- Settings .....	4-7
<b>Replacement</b>	
- Coolant .....	8-6
- Headlights .....	8-14
- Wiper blades .....	8-8
Road accident precautions .....	EV-7
<b>Room light</b>	
- Operation .....	2-39

**S**

<b>Safety</b>	
- Chains (Trailer) .....	5-21
- Children .....	1-11
- Emergency shut-off system .....	EV-8
- Head restraints .....	1-7
- Injured persons .....	1-12
- Precautions .....	4-2
- Pregnant women .....	1-11
- Seat belts .....	1-10
<b>Seat belts</b>	
- CENTER mark .....	1-12
- Checking .....	1-14
- Child restraint installation .....	1-23
- Child safety .....	1-11
- Cleaning .....	7-4
- Injured persons .....	1-12
- Overview .....	0-2
- Precautions .....	1-10
- Pregnant women .....	1-11
- Three-point type .....	1-12
<b>Seats</b>	
- Adjustment .....	1-2
- Folding .....	1-4
- Head restraints .....	1-7
- Heated seats .....	1-3
- Overview .....	0-2
- Rear .....	1-4
- Rear seat adjustment .....	1-5
- Under-seat tray .....	2-34
<b>Security system</b>	
- NISSAN Anti-Theft System (NATS) .....	3-14, 5-26
- NISSAN Anti-Theft System (NATS) .....	3-14
<b>Settings</b>	
- Language .....	2-11
- Reset .....	2-12

- Units .....	2-11
- Vehicle information display .....	2-10
Shift lock release .....	5-13
Specifications .....	9-4
- Charging system .....	9-4
- Motor .....	9-5
Speed limiter .....	5-14
- Activation .....	5-15
- Cancelling .....	5-15
- Operation .....	5-14
Speedometer .....	2-2
Starting .....	5-11
- Precautions .....	5-2, 5-8
- Push button power switch .....	5-8
Steering wheel .....	3-18
- Electric power steering .....	5-23
- Heating .....	2-30
- Lock .....	5-10
- Switches — Audio control .....	4-45
- Switches — Hands-free telephone control .....	4-46
Storage .....	2-33
- Bottle holder .....	2-34
- Card holder .....	2-36
- Console box .....	2-34
- Cup holders .....	2-34
- Glove box .....	2-33
- Luggage hooks .....	2-36
- Under seat tray .....	2-34
Sun visors .....	2-38
Super lock system .....	3-3
- Emergency release .....	3-4
Supplemental Restraint System (SRS) .....	1-27
- Air bags .....	1-32
- Pre-tensioner seat belt system .....	1-34
- Repair and replacement procedure .....	1-35

## Switches

- Brightness .....	2-4
- Cruise control .....	5-16
- Defogger .....	2-29
- ECO button .....	EV-15
- Electronic Stability Programme (ESP) .....	5-27
- Fog lights .....	2-25
- Front passenger air bag .....	1-33
- Hazard indicator flasher switch .....	6-2
- Headlight aiming control .....	2-23
- Headlight switch .....	2-22
- Heated steering wheel .....	2-30
- Interior light .....	2-39
- Power door lock .....	3-6
- Power windows .....	2-32
- Push-button power .....	5-8
- Rear window wiper and washer .....	2-28
- Seat heating .....	1-3
- Speed limiter .....	5-14
- Steering-wheel — Audio .....	4-45
- Steering-wheel — Telephone .....	4-46
- Turn signal .....	2-25
- Vehicle Dynamic Control (VDC) .....	5-29
- Wiper and washer .....	2-27

## T

Tailgate .....	3-16
Tonneau	
- Cover .....	2-37
Towing .....	6-13
- Precautions .....	6-13
- Recommendations .....	6-14
- Trailer .....	5-20
- Your vehicle .....	6-14

Trailer	
- Brakes .....	5-21
- Maximum load limits .....	5-20
- Tow bar Installation .....	5-22
- Towing .....	5-20
Transferring registration to another country .....	9-5
Travelling .....	9-5
Trip computer .....	2-9
Troubleshooting	
- Charging .....	CH-26
Turn signal	
- Operation .....	2-25
Tyre Pressure Monitoring System (TPMS) .....	5-2, 6-6
- Settings .....	5-6
Tyres	
- Flat tyre .....	6-2
- Snow chains .....	8-20
- Spare .....	6-3
- Trailer tyre pressure .....	5-21
- Wear and damage .....	8-20
- Wheels and tyres .....	8-19

**U**

Units	
- Settings .....	2-11

**V**

Vehicle Dynamic Control (VDC) .....	5-28
- OFF switch .....	5-29
Vehicle identification .....	9-5
- Air conditioner label .....	9-6
- Label .....	9-5
- Number (VIN) (chassis number) .....	9-6

- Number (VIN) plate .....	9-5
- Tyre placard .....	9-6
Vehicle information display .....	2-4
- Driver Attention Alert .....	2-11
- Settings .....	2-10
- Trip computer .....	2-9
- Warnings and indicators .....	2-5
Vehicle security .....	5-26
Vents .....	4-8

**W**

Warning/indicator lights and audible reminders .....	2-13
- Air bags .....	1-31
- Audible reminders .....	2-21
- Indicator lights .....	2-16
- Warning lights .....	2-14
Warnings	
- Unplugged status .....	CH-19
Window washer fluid .....	8-9
Windows .....	2-31
- Manual windows .....	2-31
- Power windows .....	2-31
- Sliding .....	2-31
Winter	
- Precautions .....	5-30
Wipers	
- Blades replacement .....	8-8
- Operation (Rear window) .....	2-28
- Operation (Windscreen) .....	2-27
- Rain-sensing auto wiper .....	2-28
- Wiper and washer switch .....	2-27

# ENVIRONMENT (End of Life Vehicles)

## ENVIRONMENTAL CONCERN



### BLUE CITIZENSHIP

Today, the efforts made by NISSAN to fulfil our responsibilities to protect and sustain the environment are far reaching. Within NISSAN, we promote the highest levels of practice in every area of operations.

## COMPLIANCE AT EVERY STEP

NISSAN focuses on ensuring that end of life vehicle components are reused, recycled or recovered as thermal energy, and guarantees compliance with EU legislation (the End of Life Vehicle Directive).

## WE BUILD OUR VEHICLES WITH RECYCLING IN MIND

Reducing landfill waste, emissions, conserving natural resources, and enhancing recycling activities are emphasised daily in our manufacturing, sales and service operations and in the disposal of end of life vehicles (ELV).

### Design phase

To reduce environmental impact we have developed your NISSAN vehicle to be 95% recyclable. We mark the components to facilitate dismantling, recycling and to reduce hazardous substances. We carefully verify and control substances of concern. We have already reduced to a minimum the cadmium, mercury and lead in your NISSAN vehicle. NISSAN includes recycled material in your vehicle and looks for opportunities to increase the percentage of recycled materials used.

## Recycling

Recycle your end of life vehicle or its components. When your NISSAN reaches the end of its life and is no longer suitable for daily use, it still has value. You can help prevent waste affecting the environment by bringing your NISSAN to be recycled at our collection networks in your area. Our collection networks guarantee no cost for the treatment of your NISSAN. For further information on how and where to dispose of your NISSAN refer to your local knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer or consult: [www.nissan-europe.com](http://www.nissan-europe.com). For information about the recycling or disposal of the Li-ion battery contact a knowledgeable electric vehicle repairer such as a NISSAN certified electric vehicle dealer.

## AIRBAG LABEL (where fitted)



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

NE JAMAIS utiliser un dispositif de retenue pour enfant de type dos à la route sur un siège protégé par un AIRBAG ACTIF placé devant lui. Cela peut entraîner la MORT de l'ENFANT ou des BLESSURES GRAVES.

Installieren Sie niemals ein entgegen der Fahrtrichtung angeordnetes Kinderrückhaltesystem auf einem Sitz mit aktiviertem Frontairbag. Es könnte zum Tod oder schweren Verletzungen des Kindes führen.

No instalar nunca los sistemas de retención para niños (sillitas de niño) de espaldas al sentido de la marcha en el asiento del pasajero protegido por un AIRBAG frontal ACTIVO. Esto puede provocar la MUERTE del niño o DAÑARLE SERIAMENTE.

«NON INSTALLARE MAI un seggiolino per bambini rivolto con verso opposto al senso di marcia su un sedile protetto da un AIRBAG frontale ATTIVO. In caso di incidente questo potrebbe risultare molto pericoloso per l'incolumità del bambino.»

Plaats nooit een kinderzitje achterstevoren op de passagiersstoel voorin als de airbags van de voorpassagier niet zijn uitgeschakeld. Dit kan ernstige of zelfs dodelijke verwondingen van het kind veroorzaken.

NUNCA utilize um sistema de retenção de criança virado para a traseira num banco protegido por um AIRBAG ACTIVO à sua frente, porque pode ocorrer MORTE ou FERIMENTOS GRAVES na CRIANÇA.

W żadnym przypadku NIE NALEŻY stosować fotelików dla dzieci skierowanych twarzą do tyłu przed siedzeniami chronionymi AKTYWNA PODUSZKA POWIETRZNA. Może to doprowadzić do POWAŻNYCH OBRAŻEŃ lub nawet ŚMIERCI DZIECKA.

NIKDY nepoužívejte dětskou sedačku směřující dozadu na sedadle s AKTYVNÍM čelním AIRBAGEM, mohlo by dojít k USMRCENÍ nebo VÁŽNĚMU ZRANĚNÍ DÍTĚTE.

Önünde AKTIF BİR HAVA YASTIĞI ile korununan bir koltuğa hiç bir zaman yüzü geriye bakan bir çocuk koltuğu KOYMAYIN, bu ÇOCUĞUN ÖLÜMÜNE veya CİDDİ ŞEKİLDE YARALANMASINA neden olabilir.

Nu folositi NICIODATĂ un scaun pentru copil cu spatele la direcția de deplasare pe un scaun protejat de un AIRBAG ACTIV amplasat în fața sa, deoarece există riscul de DECES sau RĂNIRE GRAVĂ a copilului.

SOHA ne használnjon hátrafelé néző gyermekülést olyan ülésen, amelyen elölről AKTÍV LÉGZSÁK véd, mert az a GYERMEK HALÁLÁT vagy SÚLYOS SÉRÜLÉSÉT okozhatja.

“ΑΠΑΓΟΡΕΥΕΤΑΙ η τοποθέτηση παιδικού καθίσματος, με την πλάτη προς το εμπρόσθιο μέρος του αυτοκινήτου, στο κάθισμα του συνοδηγού, επειδή μπροστά του υπάρχει ΕΝΕΡΓΟΣ ΜΕΤΩΠΙΚΟΣ ΑΕΡΟΣΑΚΟΣ. Μπορεί να επέλθει, ΘΑΝΑΤΟΣ ή ΣΟΒΑΡΟΣ ΤΡΑΥΜΑΤΙΣΜΟΣ του ΠΑΙΔΙΟΥ”.

Använd ALDRIG en bakåtvänd barnstol på ett säte som skyddas av en AKTIVERAD AIRBAG framför det; LIVSFARA eller risk för ALLVARLIGA SKADOR.

ÄLÄ KOSKAAN käyttää kasvot taaksepäin suunnattua lastenistuinta istuimella, jossa on KÄYTÖSSÄ OLEVA TURVATYNNY. Seurauksena voi olla KUOLEMA tai LAPSEN VAKAVA LOUKKAANTUMINEN.

Brug ALDRIG et bagudvendt barnesæde på et sæde, der er beskyttet af en AKTIV AIRBAG foran det. Det kan resultere i DØD eller ALVORLIG PERSONSKADE på BARNET.



NEMOJTE upotrebljavati sjedalicu za djecu okrenutu prema natrag na sjedalu ispred kojega se nalazi zaštićeni AKTIVNI ZRAČNI JASTUK, može doći do SMRTONOSNIH ili OZBILJNIH OZLJEDA za DIJETE.

NIKOLI ne namestite otroškoga sedježa, obrnjenoga v nasprotni smeri smeri vožnje, v primeru VKLOPLJENE varnostne blazine. To lahko povzroči OTROKOVO SMRT ali HUDE TELESNE POŠKODBE.

Никога не устанавляйте обращенное назад детское удерживающее сиденье на переднем пассажирском сиденье при неотключенной подушке безопасности. Это может привести к смерти ребенка или к тяжелым повреждениям.

NIKDY nepoužívajte detškú sedačku smerujúcu dozadu na sedadle s AKTÍVNYM čelným AIRBAGOM, mohlo by prísť k USMRTENIU alebo VÁŽNEMU ZRANENIU DIETĀĽA.

ÄRGE kasutage seljaga sõidusuunas laste turvatooli istmel, mille ees on AKTIIVNE TURVAPADI. LAPS võib saada TÕSISE KEHAVIGASTUSE või HUKKUDA.

NEIEVIETOJĪET ar skatu pretēji braukšanas virzienam vērstu bērnu sēdekļīti šajā sēdekļī, ja tā priekšā uzstādītais GAISA SPILVENS ir AKTIVIZĒTS, – tas BĒRNAM var radīt NOPIETNAS TRAUMAS vai pat izraisīt BĒRNA NĀVI.

NUNCA utilize uma cadeirinha protetora para crianças voltada para a traseira em um assento que seja protegido por um AIRBAG ATIVO na frente do assento. Podem ocorrer MORTE ou FERIMENTOS GRAVES para a CRIANÇA.

NIEKADA nevežkrite vaiku prie automobīlio sēdynēs atvirkščāi judējimo kryptīai pritvirtintoje specialioje kėdutėje, jeigu ši sėdynė apsaugota VEIKIANČIA SAUGOS PAGALVE, nes VAIKUI kylā MIRTINAS ar SUNKAUS SUŽEIDIMO pavojus.

Ніколи не встановлюйте дитяче крісло спинкою вперед на сидінні, передня ПОДУШКА БЕЗПЕКИ якого не заблокована. Ризик ЗАГИБЕЛІ або ТЯЖКИХ ТРАВМ дитини.

„Никога на използвайте детско столче за автомобил, монтирано с гръб към движението, на седалка оборудвана с предпазна въздушна възглавница пред нея. Съществува риск за живота или сериозно нараняване на детето!“

يحذر نهائياً تثبيت مقعد الطفل بشكل عكسي على القعد المحمي بوسادة هوائية نشطة أمام مقعد الطفل، فمن الممكن أن يتسبب ذلك في وفاة الطفل أو إصابته بجروح خطيرة

ALDREI má nota festingar sem snúa afturábak á sæti sem varíð er með ACTIVE AIRBAG að framan. Það getur valdið DAUÐA eða ALVARLEGUM MEIÐSLUM á BARNINU.

Na sedež, ki je spredaj zaščiten z ZRAČNO BLAZINO, NIKOLI ne namestite otroškega sedeža tako, da otrok gleda nazaj; nevarnost SMRTI ali RESNE TELESNE POŠKODBE OTROKA

هرگز از کمر بند کودک رو به پشت در روبروی صندلی حفاظت شده توسط ACTIVE AIRBAG (کیسه هوای فعال) استفاده نکنید. این کار ممکن است باعث مرگ یا جراحت شدید در کودک شود.

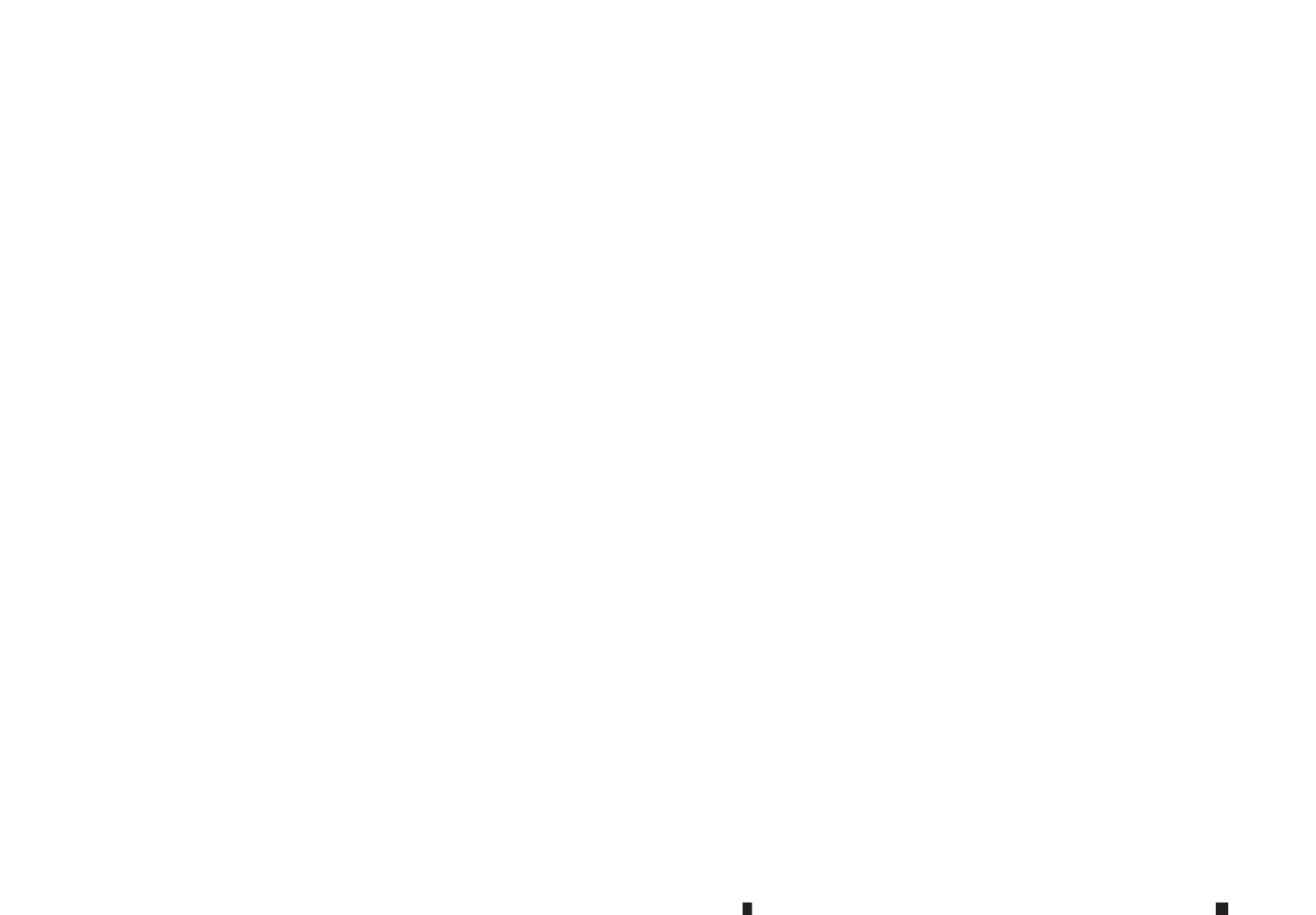
절대로 능동형 에어백이 전면에 설치된 좌석에 후향식 어린이 보호시트를 사용하지 마십시오. 어린이에게 심각한 상해를 입히거나 사망에 이르게 할 수 있습니다.

前部に作動可能なエアバッグが装着されているシートに、後ろ向きのチャイルドシートを絶対に使用しないでください。お子様に死や大けがを招く恐れがあります。

禁止在座椅前部安全气囊激活的情况下，在该座椅上使用后向儿童安全座椅，可能造成儿童严重受伤甚至死亡。

## QUICK REFERENCE

- In case of emergency ... 6-2  
(Flat tyre, electric vehicle system will not start, overheating, towing)
- How to start the electric vehicle system ... 5-2
- How to read the meters and gauges ... 2-2
- Maintenance and do-it-yourself ... 8-2
- Technical information ... 9-2





## INFORMATION

Some important codes have  
that may be required by  
to duplicate keys or re-

ed areas or attach stick-  
ove this page and keep  
**in the vehicle.**

icle, we kindly request  
page to the buyer.

## SECURITY INFORMATION

Radio security code  
(where fitted)

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Key number

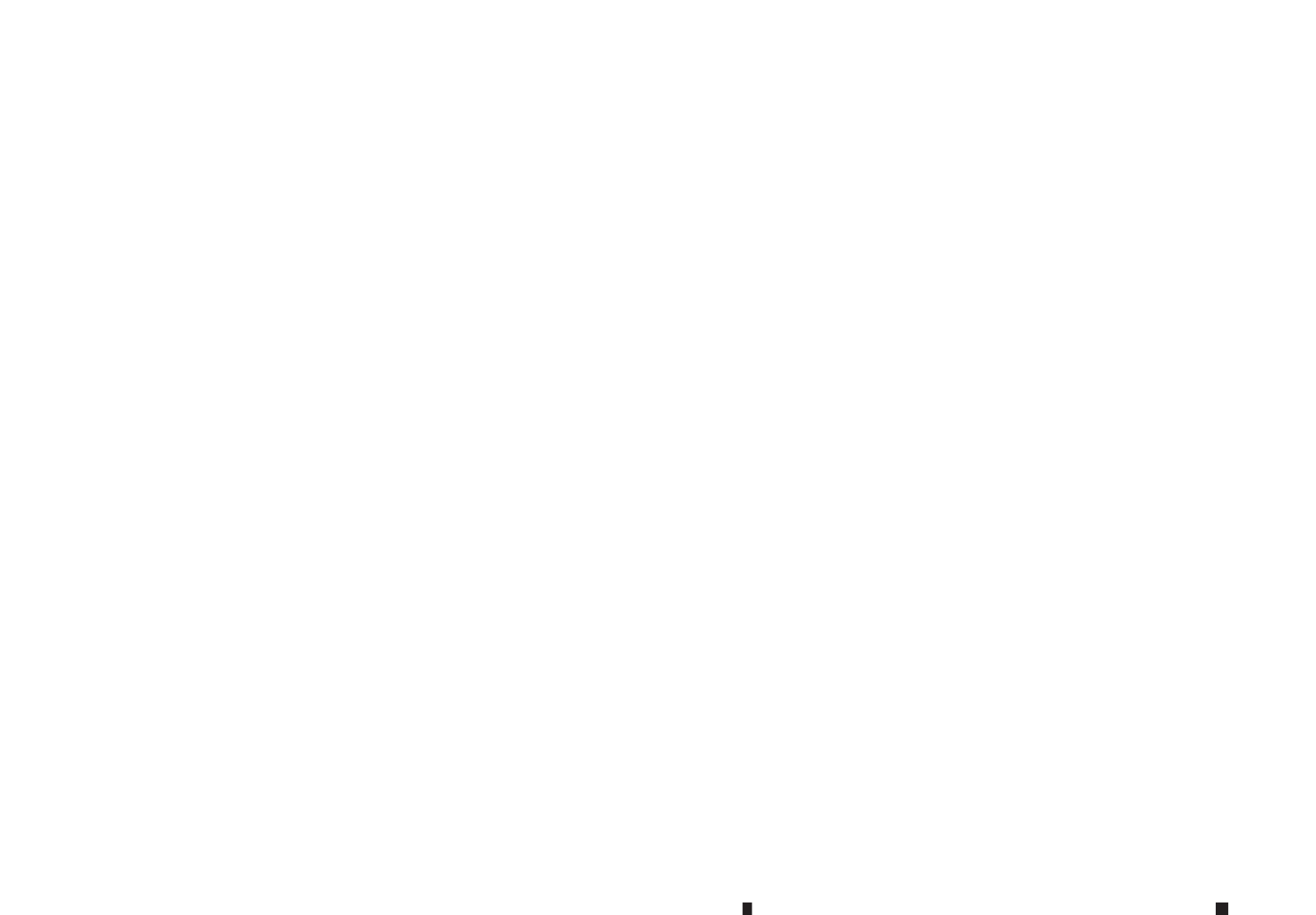
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Wheel lock key code  
(where fitted)

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Remove this page from the manual and keep it in a safe place, **not in the vehicle.**

When selling your vehicle, we kindly request you to hand over this page to the buyer.





# NISSAN



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