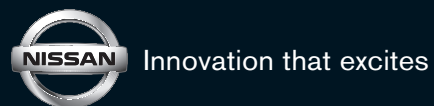




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NISSAN LEAF



Getting the most from your  
**LEAF**

This document explains some most basic operations.  
For further details, please refer to the Owner's Manual.



# LEAF

## Quick Reference Guide

This guide is intended to let you become acquainted with your LEAF and explains how to use the vehicle through examples of every day use. Keep this guide in the door pocket or another location in the vehicle where it can be easily accessed.

### Contents

Items marked with  explain operations that are specific to the LEAF.

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## Symbols used in this guide



This symbol indicates operations or functions that are unique to the LEAF. Check the content of these sections carefully in order to become well acquainted with these features.



This symbol indicates a reference to a related item elsewhere in this guide.



This symbol indicates the direction in which a switch or lever should be operated.



This symbol indicates the direction of an operation.



This symbol indicates items that require special care and attention.



This symbol indicates useful information for particular functions.

\* Be aware that due to changes to the vehicle specifications, there may be some items in this guide that are different from your vehicle.





# Unique LEAF features

This chapter describes certain features that are unique to the LEAF vehicle compared to conventional vehicles.



Charging equipment



Charge port



Charge status indicator lights



Twin digital meters



Vehicle information display



Shift lever operation



How to use the parking brake



### Charging equipment

There are several methods to charge the Li-ion battery of your NISSAN LEAF:

#### Using a domestic charger



NISSAN highly recommends you charge your NISSAN LEAF using a dedicated domestic charger. A J1772-compliant domestic charger needs to be installed on a dedicated 220-240V circuit by a professional electrician.

#### Using the EVSE cable

The NISSAN EVSE (Electric Vehicle Supply Equipment) cable with domestic plug is primarily intended for use with public charging stations.

When using the NISSAN EVSE with a domestic electrical socket, it is important to understand that LEAF 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.

Do not use any electric socket which does not comply with the latest national regulations to charge your NISSAN LEAF. If your house's electrical system is old or has not been inspected recently we strongly recommend that you get your wiring & socket inspected by a qualified electrician before charging.



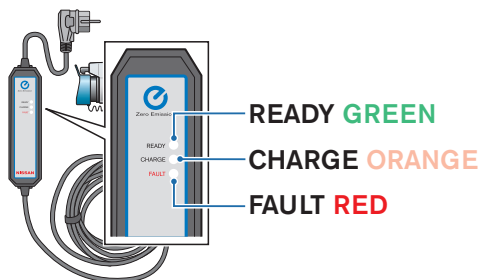
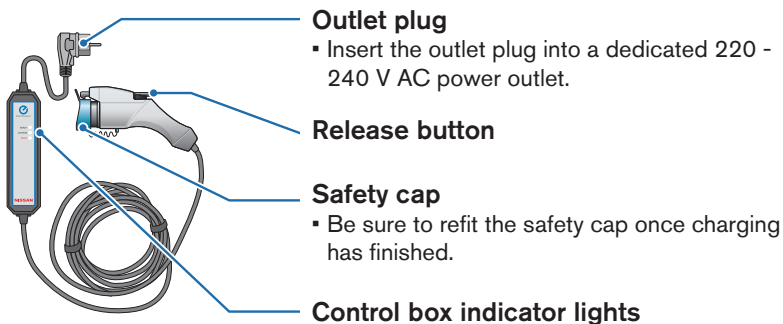
Checks or maintenance of the home electrical system are necessary to ensure safe charging at home using a 220 - 240 V AC power source.

When charging with the EVSE cable the charging status and any malfunction are indicated by the indicator lights on the cable control box.

After connecting the EVSE cable and under normal conditions, the green indicator light will illuminate to indicate that the charging system is ready for use. The orange light will illuminate when charging has actually started.

Should the red light come on, a fault in the charging system has been detected. In that case, consult a knowledgeable LEAF repairer such as a NISSAN certified electric vehicle dealer.

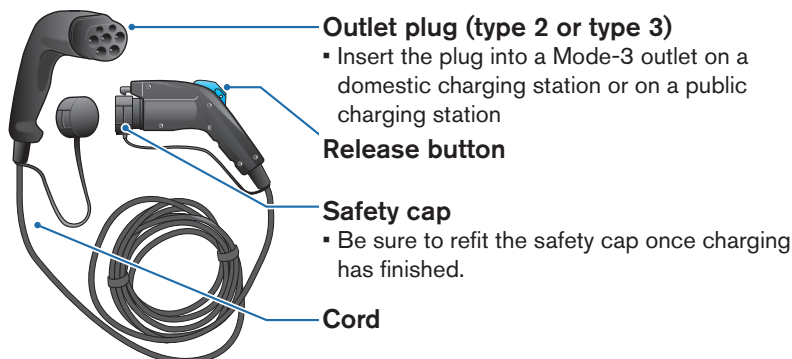
Please refer to the LEAF Owner's Manual for additional details on the various statuses that can be indicated by the control box indicator lights.



## Using a Mode-3 cable

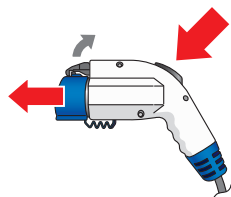


The Mode-3 cable is meant to be used at domestic charging stations without an attached cable and public charging stations.



### Charging equipment (continued)

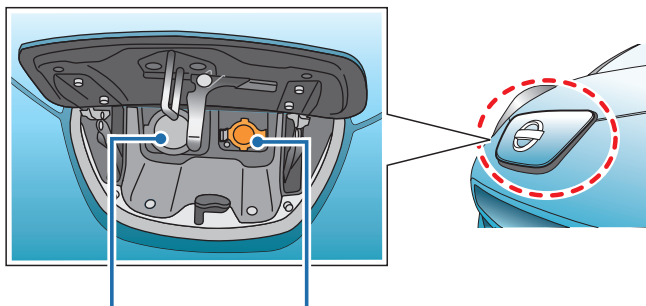
#### How to remove the safety cap



Press the release button on the vehicle-side connector and release the lock, then remove the safety cap.

### Charge ports

The charge ports are located under the charge port lid. The large port is for quick charging, the small port is for normal charging.



Quick charge port

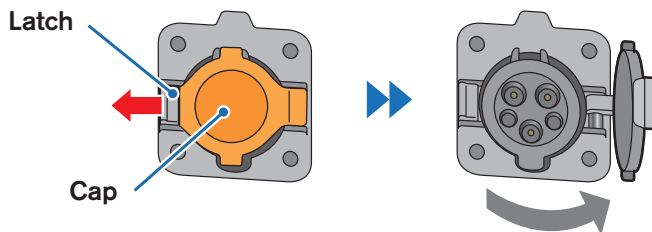
Normal charge port



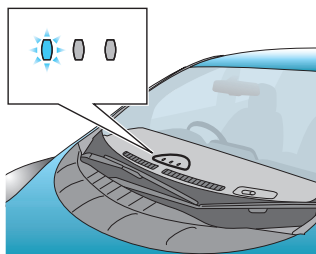
To charge your LEAF, please refer to section 2 "Charging the battery".

#### How to open the charge port

Press the latch and open the cap.



## Charge status indicator lights



The charge status indicator lights primarily display the charging status during battery charging:

- 1 light --> 0% - 33% charged
- 2 lights --> 33% - 66% charged
- 3 lights --> 66% - 100% charged

Each of the indicator lights will blink when the battery is being charged up to the maximum charge rate for each indicator light. When the maximum charge rate for an indicator light is reached, the blinking will stop and the light will illuminate constantly.

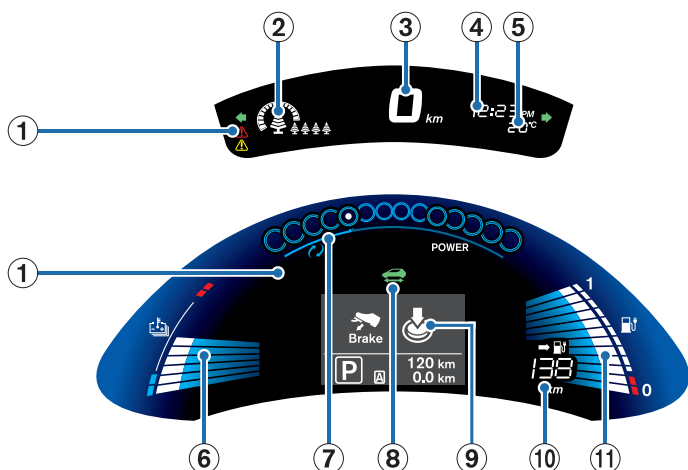


When the charging timer is set, all 3 lamps will flash sequentially.



The charge status indicator lights have multiple functions. For further information, refer to "Charging related indicator lights" in section CH of the LEAF Owner's Manual.

## Twin digital meters



### 1 Warning lights

Warning lights are displayed here according to the condition of the vehicle. When the power limitation warning light (⚠️) illuminates, the power of the electric motor is restricted and a very limited drive range remains.

### 2 ECO meter

Displays the ECO level achieved during driving, depending on driving style.

### 3 Speedometer

### 4 Clock

### 5 Temperature gauge

Displays the outside temperature.

### 6 Li-ion battery temperature gauge

### 7 Power meter

The POWER scale on the power meter indicates the electric motor output, depending on how the accelerator pedal is depressed. The regeneration scale (🔋) indicates the amount of electricity that is generated by the regenerative brake during engine braking.

### 8 READY to drive indicator 🚗

Illuminates when the vehicle is ready to be driven.

### 9 Vehicle information display

The vehicle information display displays a variety of information like odometer data, trip computer data, selected shift gear and operation indicators.

### 10 Driving range

Displays the driving range, while driving which is calculated based on the amount of charge currently remaining in the Li-ion battery and the recent level of power consumption.

### 11 Li-ion battery remaining energy gauge

Displays the amount of charge remaining in the Li-ion battery.

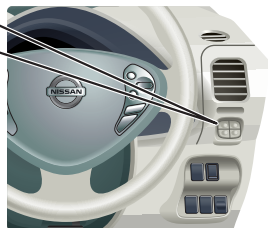
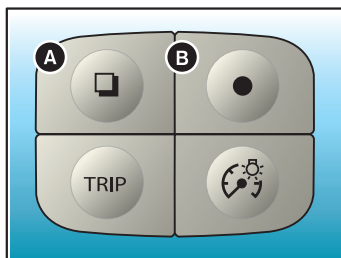
## ● Vehicle information display



A variety of information can be displayed on the vehicle information display.

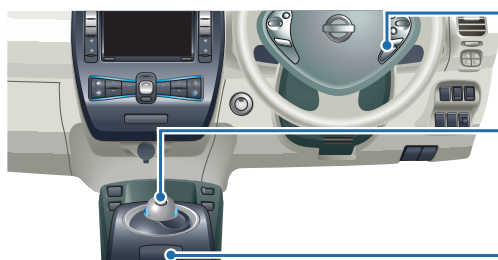
In the lower part of the display, alerts, warnings and other information is shown, like:

- Estimated charging time
- Trip computer data (energy economy, average speed, trip distance and time),
- Reminders on upcoming maintenance events



Use the buttons **A** and **B** on the side of the instrument panel to scroll through the various trip computer data and to make settings to the system as desired.

## Shift lever operation



**<ECO> mode button**

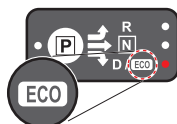
(depending on specification)

**Shift lever**

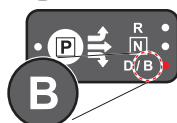
To change the vehicle's shift position.

**Shift position indicator**

## Shift position indicator



Depending on specification, your LEAF will feature either ECO mode or B mode to be selected with the shift lever. <ECO> or <B> is illustrated on the shift position indicator.



The shift position being selected is indicated by the shift position indicator light.

## How to operate the shift lever



To select <D> (Drive) or <R> (Reverse) from rest position, at first depress the foot brake pedal.

### **R** REVERSE:

Slide it to the side and forward.

### **N** NEUTRAL:

Slide to the side and hold it in this position for a short time.

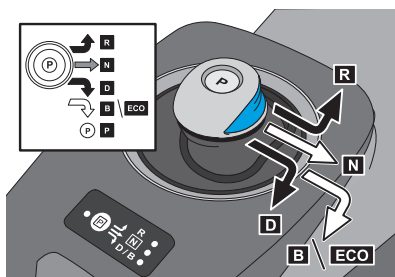
### **D** DRIVE:

Slide it to the side and backwards.

### **ECO** ECO MODE

(Depending on specification):

While the shift lever is in the <D> position, slide it to the side and backwards once again. In this drive mode, power consumption is reduced by limiting the motor output and the power consumed by the climate control system whilst enhancing power regeneration by the regenerative brake. This drive mode can be chosen for most ECO friendly driving, thereby increasing the driving range.





## **B** B MODE (Depending on specification):

While the shift lever is in the <D> position, slide it to the side and backwards once again. In the B (Brake) mode, more regenerative braking is applied when the accelerator pedal is released in comparison to the <D> (Drive) position. Motor output however is not affected. When the Li-ion battery is fully charged or when the battery temperature is low, the level of regenerative braking applied will automatically be reduced.

## **P** PARK:

Push the <P> position switch.



The shift lever will automatically return to the central position.



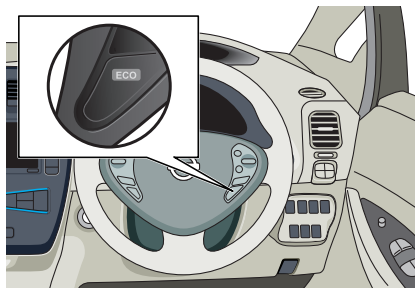
Make sure to push <P> to select PARK when getting out of the vehicle.

## **ECO** ECO MODE

(depending on specification):

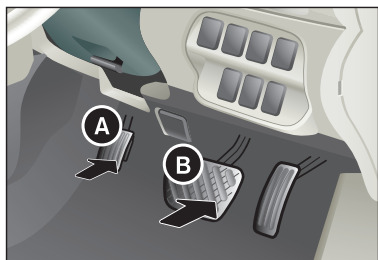
On models with B mode, the ECO mode can be selected by pressing the <ECO> button on the steering wheel.

In this drive mode, power consumption is reduced by limiting the motor output and the power consumed by the climate control system whilst enhancing power regeneration by the regenerative brake. This drive mode can be chosen for most ECO friendly driving, thereby increasing the driving range. <ECO> is shown on the vehicle information display to indicate ECO mode selection.



The shift position is also displayed on the vehicle information display.

### ● How to use the parking brake



- To apply the parking brake, firmly depress the parking brake pedal **A**
- To release the parking brake:
  - 1) Firmly apply the footbrake pedal **B**
  - 2) Firmly depress the parking brake pedal **A** to release the parking brake.



Before driving, make sure that the parking brake warning light in the meter is off.



# Charging the battery

This chapter explains methods for charging the LEAF's Li-ion battery.

-  The LEAF charging system
-  How to perform normal charge
-  When normal charge has finished
-  How to perform quick charge
-  When quick charge has finished
-  Charge connector lock switch



### The LEAF charging system

There are two methods to charge the LEAF's Li-ion battery: "Quick charge" and "Normal charge".

#### Quick charge

---

LEAF Compatible quick chargers are developed to the ChaDeMo standard. These units charge the battery in the shortest possible time which will vary automatically according to battery temperature. Charging speed reduces towards the end of the cycle. Charging stops automatically depending on the starting conditions shown below:

- When starting a quick charge with less than 50% charge remaining, the charger will stop automatically at 90% or after 1 hour.
- When starting a quick charge with more than 50% charge remaining, the charger will stop automatically at 100% or after 1 hour.

If you require further charging after 1 hour you can re-start the charge process at your convenience.

Quick charging is possible more than once in a day. Battery temperature increases during quick charging. If the battery temperature increases to near the red zone then the speed of charging will be reduced to protect the battery. For further information consult your electric vehicle dealer and refer to section CH of the vehicle's Owner's Manual.

#### Normal charge: with home charging unit

---

The safest and most convenient method for Normal charging is with a home charging unit installed by a NISSAN approved EMO <Electro-Mobility Operator> on a dedicated 220-240V circuit in your home.

These charging units are easy to use and provide the maximum AC power to your NISSAN LEAF. Another advantage is that it is possible to fully charge your LEAF overnight whilst using the cabin pre-heating function.

Your NISSAN electric vehicle dealer can provide full details of our partner EMO in your country who can give you guidance on the best way to charge your NISSAN LEAF.

## Normal charge: with NISSAN EVSE cable

The NISSAN EVSE cable with domestic plug is primarily intended for use with public charging stations, and provides 8-10 Amperes power to charge the battery in approximately 12 hours from empty.

When using the NISSAN EVSE with a domestic electrical socket, it is important to understand that LEAF 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.

Do not use any electric socket which does not comply with the latest national regulations to charge your NISSAN LEAF. If your house's electrical system is old or has not been inspected recently we strongly recommend that you get your wiring & socket inspected by a qualified electrician before charging.

Please note the following points, which are specific to charging your NISSAN LEAF:

- Do not use extension cables - because most extension cables cannot carry the required current and might get hot.
- Do not use adapters as the EVSE is not designed to be used with adapters and might get hot.
- Ensure that your NISSAN LEAF is charged on a dedicated circuit; that 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 LEAF which will trip your electricity supply.
- If there are any signs of wear, damage or discoloration, do not use the socket for charging.
- Inspect the socket regularly and replace if there are any signs of wear, damage or discoloration.

### The LEAF charging system (continued)

NISSAN has established a set of technical guidelines to ensure safe and reliable charging with your NISSAN EVSE; these are shown in section CH of the Owner's Manual.

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



Checks or maintenance of the home electrical system are necessary to ensure safe charging at home using a 220 - 240 V AC power source.

### Normal charge: with MODE-3 cable

Your NISSAN electric vehicle dealer can advise regarding availability of this cable in your country. The MODE-3 cable (with type 2 or type 3 plug) is a dedicated electric vehicle charging cable and can be used with compatible public charging stations and some versions of the home charging units. The MODE-3 cable does not need the in-line box on the cable because safety communication is managed directly between the socket and the car. The MODE-3 cable provides the maximum power to your NISSAN LEAF.

#### Notes:

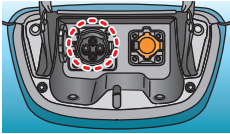
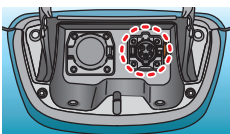
##### *General charging:*

Charging times depend on the Li-ion battery temperature and increase with decreasing temperatures.

##### *Parking in extremely cold weather:*

- The battery heater (where fitted) will automatically turn on under extremely cold conditions (for example below -20°C (-4°F)) to prevent the Li-ion battery from freezing. Be sure to connect the charge cable to the vehicle when parking the LEAF outside for more than a day in cold weather conditions.
- The battery heater will stop operating when the Li-ion battery SOC (State of charge) falls below 30%. If you leave the vehicle in an extremely cold environment for a long period of time, the Li-ion battery may freeze and you will not be able to start your LEAF.

For more information, refer to the LEAF's Owner's Manual.

| Type          | Charging equipment                                                                                                                       | Charge port                                                                       | Charge connector                                                                  | Charging time*                 |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------|
| Quick charge  | Quick charging station, with cable attached to the charging station                                                                      |  |  | 80% state of charge in 30 min* |
| Normal charge | <ul style="list-style-type: none"> <li>▪ With home charge unit</li> <li>▪ With NISSAN EVSE cable</li> <li>▪ With Mode-3 cable</li> </ul> |  |  | **                             |

\* Quick charge time varies depending on battery temperature.

\*\* Refer to vehicle information display for estimated normal charging time.

### How to perform **normal** charge

You can perform normal charge using the following cables:

- A cable attached to your domestic charging station.
- A Mode-3 cable at your domestic charging station or at a public charging station.
- An EVSE cable at a public charging station with domestic socket-outlet.



Checks or maintenance of the home electrical system are necessary to ensure safe charging at home using a 220 - 240 V AC power source.

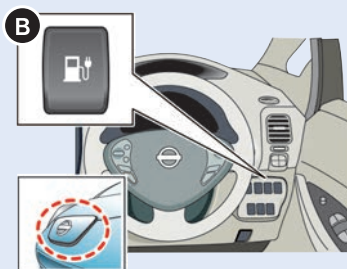
1

Turn the LEAF's power off.

➔ Refer to p.32 for information about how to turn the power off.

2

Open the charge port lid. This can be done in two ways:



- Press and hold the charge port lid opener button **A** on the Intelligent Key of approx. 1 second, or

- Press the charge port lid opener switch **B** located on the instrument panel.

The charge port lid will open and a chime will sound. Simultaneously, the charging status indicator lights will flash 3 times.

3

Connect the Mode-3 cable or EVSE cable (as applicable) to the socket - outlet

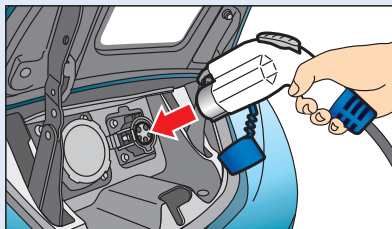
➔ Refer to p.6 and p.7 for information about charging equipment.



## How to perform **normal** charge (continued)

- 4** Open the charge port for normal charging and insert the charge connector. A single beep will sound to confirm connection.

➔ Refer to p.8 for information about the charge port.



- 5** When charging starts, a beep will sound twice and the charge status indicator lights will illuminate.

➔ Refer to p.9 for information about the charge status indicator lights.

- 6** To over-ride the charging timer (if set) and start charging immediately, push the immediate charge button.



 On a rainy day, be sure to check that no water has entered the charge port.

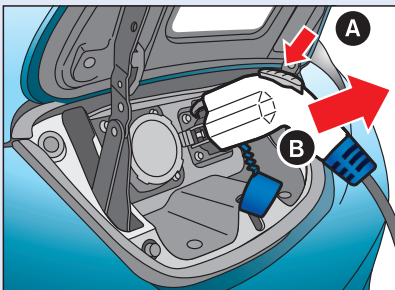


Charging will not start immediately if the charging timer has been set. Push the immediate charge button to start charging immediately.

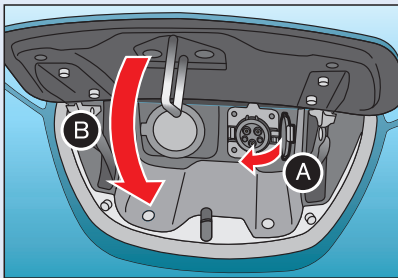
### When **normal** charge has finished

- 1 Press the charge connector release button and release the lock **A**, then remove the charge connector from the charge port **B**.

→ Refer to p. 26 and p.27  
“Charge connector lock switch” to unlock the charge connector if it is locked.



- 2 After closing the charge port cap **A**, be sure to securely close the charge lid **B**.



- 3 Remove the Mode-3 cable or EVSE cable (as applicable) from the socket - outlet.

→ Refer to p.6 and p.7 for information about charging equipment.



- Keep the charge cable plug dry and take appropriate care when operating in wet conditions.
- Sparks may occur if the plug is removed while charging.



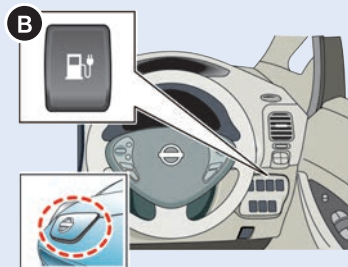
Charging can be stopped at any time by removing the charge connector.

## How to perform **quick** charge

- 1** Turn the LEAF's power off.

➔ Refer to p.32 for more information about turning the power off.

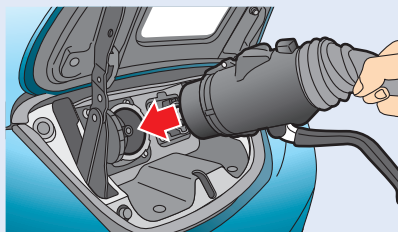
- 2** Open the charge port lid. This can be done in two ways:



- Press and hold the charge port lid opener button **A** on the Intelligent Key of approx. 1 second, or
- Press the charge port lid opener switch **B** located on the instrument panel.

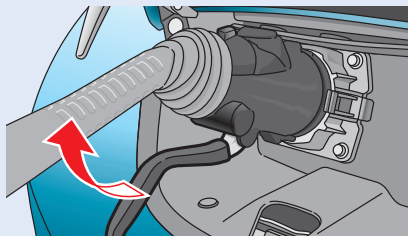
The charge port lid will open and a chime will sound. Simultaneously, the charging status indicator lights will flash 3 times.

- 3** Open the charge port for quick charging and insert the charge connector into the port.



### How to perform **quick charge** (Continued)

- 4** Grip the lock lever and fix the charge connector in place. A beep will sound once the cable is correctly connected.



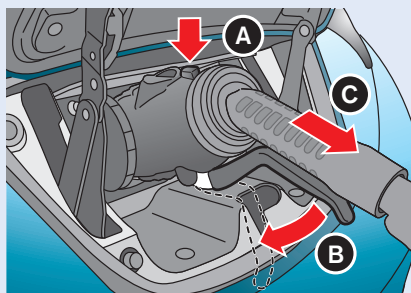
- 5** When charging starts, a beep will sound twice and the charge indicator lights will illuminate.  
➔ Refer to p.9 for more information about the charge status indicator lights.



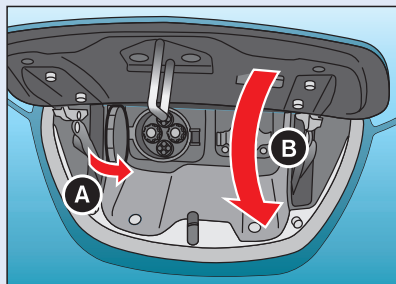
- The specific operating and safety instructions for the quick charger to be used must be read and understood prior to using it.
- On a rainy day, be sure to check that no water has entered the charge port.

## When **quick** charge has finished

- 1 Press the button **A** to release the lock lever **B**, then pull the charge connector out of the charge port **C** while keeping the button on the charge plug depressed.



- 2 After closing the charge port cap **A** close the charge lid securely **B**.



The specific operating and safety instructions for the quick charger to be used must be read and understood prior to using it.



Charging can be stopped any time by pushing the stop button on the charging station.

### Charge connector lock switch

#### Function

The charge connector for normal charge can be locked to the normal charge port.

The locking system has 2 modes:

- **AUTO mode**

In this mode, the charge connector will automatically be locked upon connection and unlocked when charging is complete.

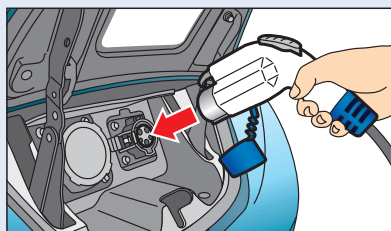
- **LOCK mode**

In this mode, the charge connector will automatically be locked upon connection and remains locked until it is manually released. To release the connector, follow the method as described below.

#### How to use the charge connector lock switch

1

Open the charge port for normal charging and insert the charge connector.



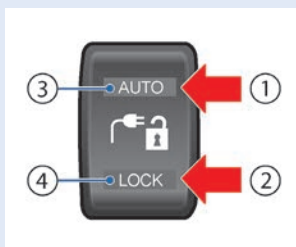
→ Refer to p.8 for information about the charge port.

2

Select the locking mode <AUTO> or <LOCK> by pressing the corresponding side ① or ② of the charge connector lock switch located on the lower instrument panel.

Depending on the selected locking mode, the indicator light ③ or ④ will come on.

The connector for normal charge is now locked to the normal charge port.



- 3** To release the charge connector lock, return the switch to the neutral (centre) position.

## Temporary unlocking the charge connector lock

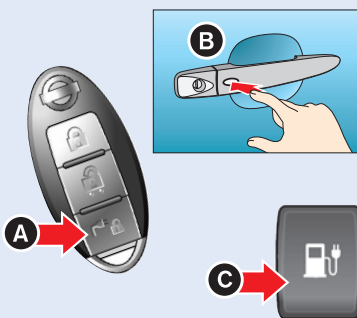
The charge connector can be temporarily unlocked using the intelligent key, the door handle request switch or the charge port lid opener switch while the charge connector locking system is activated.

If the charge connector is temporarily unlocked, it will automatically re-lock after 30 seconds.

There are three methods to temporarily unlock the charge connector:

**1**

- A:** Press the charge port lid opener button on the Intelligent Key for more than one second.
- B:** When opening the vehicle, press the door handle request switch for more than 1 second.
- C:** Press the charge port lid opener switch at the lower instrument panel.



**2**

The charging status indicator lights will flash 3 times and a beep will sound 3 times. The charge connector is now unlocked for 30 seconds.

**3**

After 30 seconds, the charge connector is re-locked.

# Notes





## Preparation for driving

This chapter explains how to turn the power on and off and perform other operations that may be necessary before driving.

- How to use the Intelligent Key
- Turning the power on
- Turning the power off
- Seat adjustment
- Adjusting the side mirrors
- Front passenger air bag deactivation
- Heater & air conditioner operation
- Navigation & audio system operation

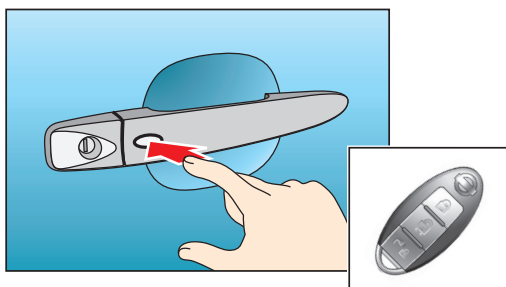




### ● How to use the Intelligent Key

#### Intelligent key function

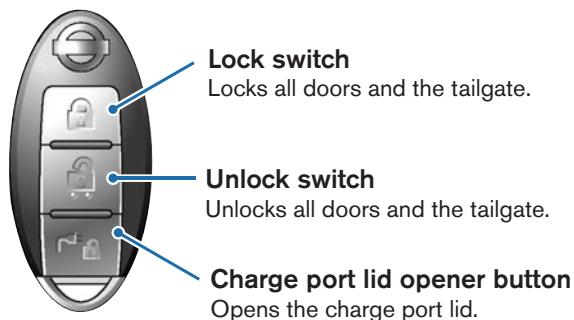
If you are carrying the Intelligent Key, you can lock and unlock the vehicle simply by pushing the button on the door handle without taking the key from your pocket or bag.



When locking and unlocking using the Intelligent Key, the key must be carried within the operational range.  
For more details, refer to the LEAF Owner's Manual.

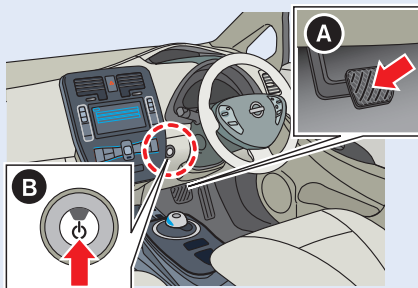
#### Remote control functions

When outside the car and further away, all doors as well as the tailgate can be locked or unlocked using the switches on the Intelligent Key. The charge port lid opener button on the Intelligent Key can be used to open the charge port lid.

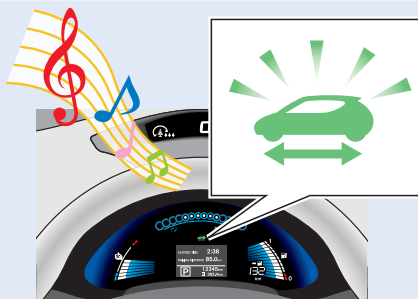


## Turning the power on

- 1 While depressing the brake pedal **A**, press the power switch **B**.



- 2 Confirm that the start up chime sounds and the ready to drive indicator light illuminates.

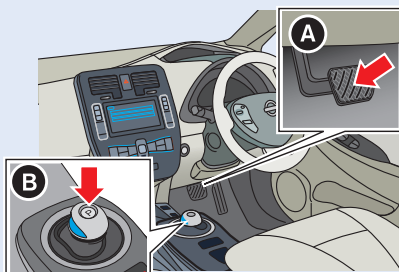


- The start up sounds can be changed or switched off through the trip computer's [SETTINGS] menu.
- When the power switch is pushed without depressing the brake pedal, the power switch position will change as follows:  
ACC → ON → OFF → ACC  
Please refer to the LEAF Owner's Manual for detailed information.

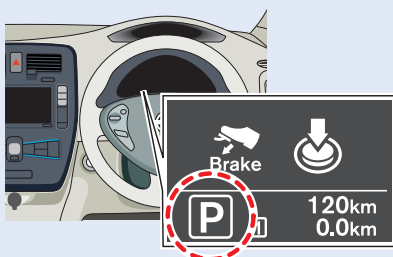
## Turning the power off

- 1** While depressing the brake pedal **A**, press the <P> position switch **B**.

➔ Refer to p.12 and p.13 for more information about the shift lever.



- 2** [P] will be shown on the vehicle information display.

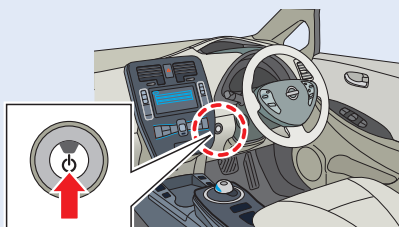


- 3** Apply the parking brake.

➔ Refer to p.14 for more information on using the parking brake.

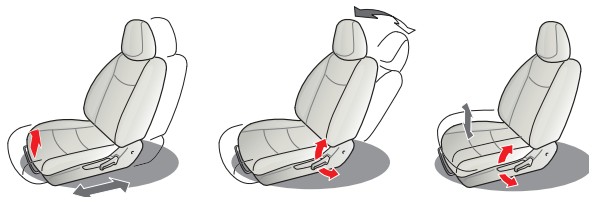


- 4** Press the power switch to turn the power off.



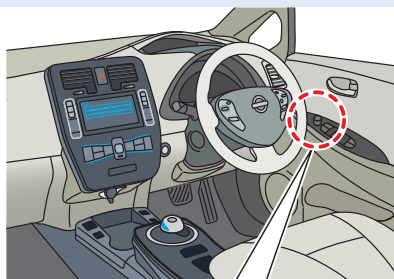
## ● Seat adjustment

Use the handles as illustrated to adjust the seat to your preference.

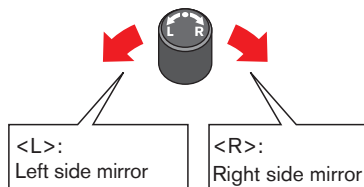


## ● Adjusting the side mirrors

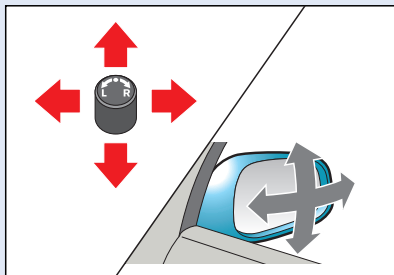
- 1 Turn the switch to select which mirror you want to adjust.



### Select mirror



- 2 Adjust the mirror by moving the switch up/down/left/right.





### ● Front passenger air bag deactivation

The front passenger air bag switch to deactivate the front passenger air bag is located inside the glove box.

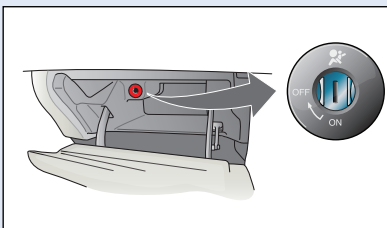
## Deactivating the front passenger air bag

1

Make sure the power switch is in the OFF position.

2

Insert the mechanical key into the front passenger air bag switch.



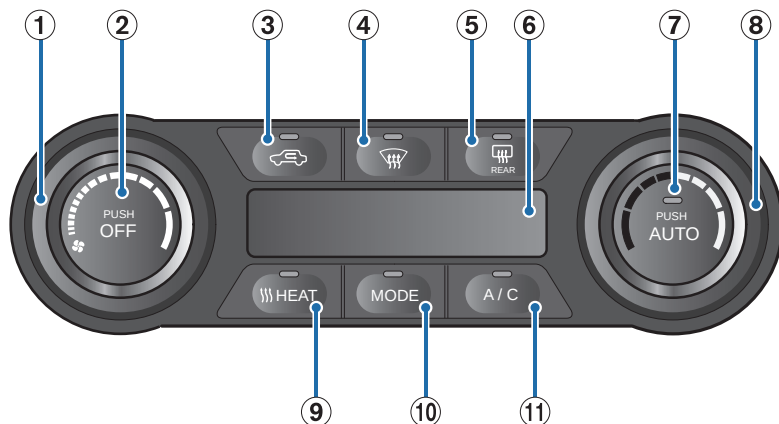
3

Push and turn the key to the <OFF> position.

The front passenger air bag status light will remain on to indicate that the front passenger air bag is deactivated.

## ● Heater & air conditioner operation (Type A)

### Basic functions



- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>① Fan Speed dial<br/>Adjusts fan speed</p> <p>② <b>PUSH OFF</b><br/>Switches off the air conditioner system.</p> <p>③ <br/>Switches to the air recirculation mode to prevent outside air being drawn into the cabin.</p> <p>④ <br/>Turns the windscreen defog mode on or off.</p> <p>⑤ <br/>Turns the rear window defog mode on or off.</p> <p>⑥ Display showing air conditioner settings.</p> | <p>⑦ <b>PUSH AUTO</b><br/>Switches the automatic air conditioner control mode (AUTO mode) on.</p> <p>⑧ Climate Control dial<br/>Adjusts the temperature setting for the climate control system.</p> <p>⑨ <b>HEAT</b><br/>Turns the heater on or off.</p> <p>⑩ <b>MODE</b><br/>Changes the distribution of air from the heater/air conditioner system.</p> <p>⑪ <b>A/C</b><br/>Turns the air conditioner (cooler and dehumidifier) on or off.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

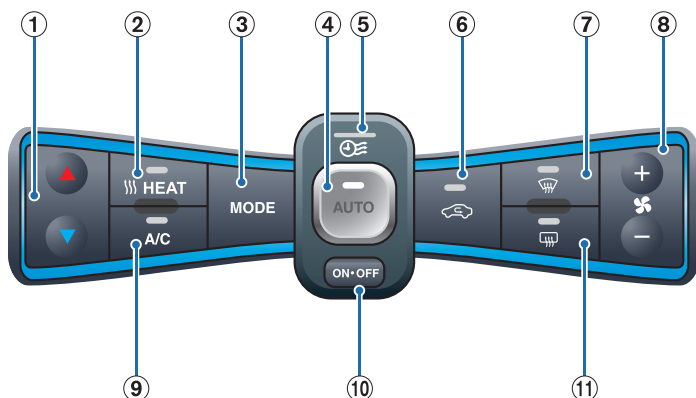


- For optimum cabin comfort, set the desired temperature using buttons ⑧, then push <AUTO> ⑦.
- To reduce power consumption, the AUTO mode may switch off the A/C compressor. Press the windscreen defog switch ④ in case the windscreen fogs up.
- To minimise power consumption and ventilate the cabin using fresh air only, switch <HEAT> ⑨ and <A/C> ⑪ off. Fan speed and air distribution can be adjusted as desired.



### ● Heater & air conditioner operation (Type B)

#### Basic functions



① Adjusts the temperature setting for the climate control system.



② Turns the heater on or off.



③ Changes the distribution of air from the heater/air conditioner system.



④ Turns the auto climate control mode on or off.



⑤ Illuminates when the climate control timer is activated (see p. 61/62).



⑥ Switches to the air recirculation mode to prevent outside air from being drawn into the cabin.



⑦ Turns the windscreen defog mode on or off.



⑧ Adjusts fan speed.



⑨ Turns the air conditioning function (cooler and dehumidifier) on or off.



⑩ Turns the climate control system on or off.



⑪ Turns the rear window defogger on or off.

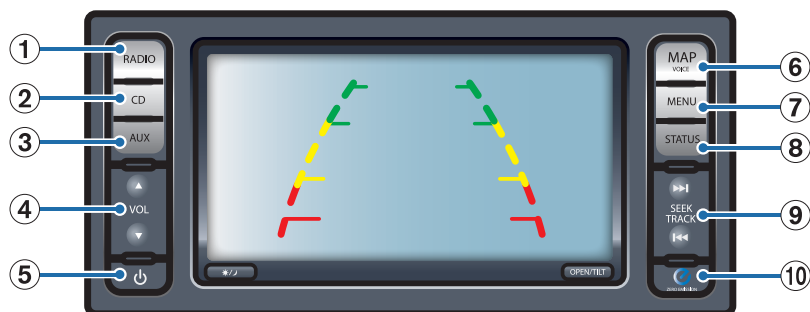


- For optimum cabin comfort, set the desired temperature using buttons ①, then push <AUTO> ④.
- To reduce power consumption, the AUTO mode may switch off the A/C compressor. Press the windscreen defog switch ⑦ in case the windscreen fogs up.
- To minimise power consumption and ventilate the cabin using fresh air only, switch <HEAT> ② and <A/C> ⑨ off. Fan speed and air distribution can be adjusted as desired.



## ● Audio/Navigation system (models with NISSAN CONNECT EV navigation system)

### Basic functions



#### 1 RADIO

Switches the audio source to the radio. Each time the button is pushed the radio wave band will switch between AM, FM and DAB (Digital Audio Broadcast).

#### 2 CD

Switches the audio source to CD.

#### 3 AUX

Push to switch between USB memory/iPod® player/Bluetooth® streaming audio/AUX play back modes.

#### 4 VOL

Adjusts the audio system volume.

#### 5

Turns the power ON or OFF.

#### 6 MAP VOICE

Push to display the current location map screen. Push and hold to repeat voice guidance.

#### 7 MENU

Displays the menu screen.

#### 8 STATUS

Displays vehicle information, such as the current audio system, air conditioner settings and navigation turn by turn instructions.

#### 9 SEEK TRACK

Push to select a track or radio station.

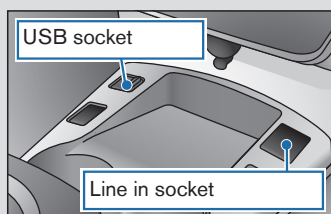
#### 10

Displays the Zero Emission menu.

#### AUX

(input for external audio device)

The centre console is equipped with an audio input socket (USB or 3.5 mm jack type) that can be used to connect an iPod or other external audio device.



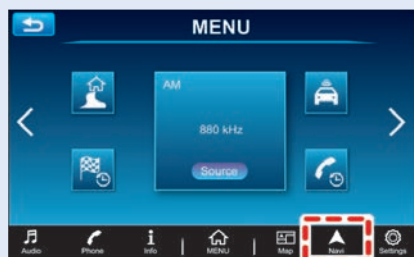
When connecting iPhone, iPod/iPad, use genuine Apple certified USB cables to avoid connection problems.

## ● Audio/Navigation system (models with NISSAN CONNECT EV navigation system) (Continued)

### Setting the destination

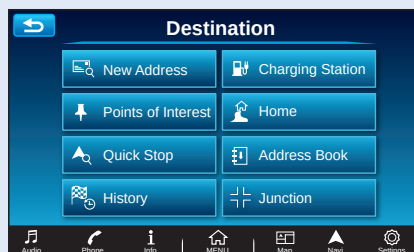
1

Touch [Navi] from the launchbar of the screen.



2

Select the preferred method for setting the destination from the sub-menu and input accordingly.



## ● Audio/Navigation system (models with NISSAN CONNECT EV navigation system) (Continued)

### Finding nearby charging stations

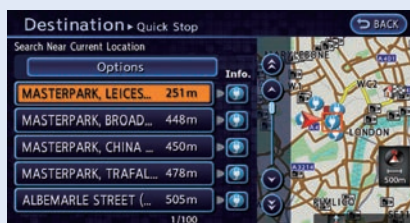
You can check the availability of charging stations near your current location or along the route to your destination, if set.

**1** Press  to display the zero emission menu.

**2** Touch [Nearby Stations].

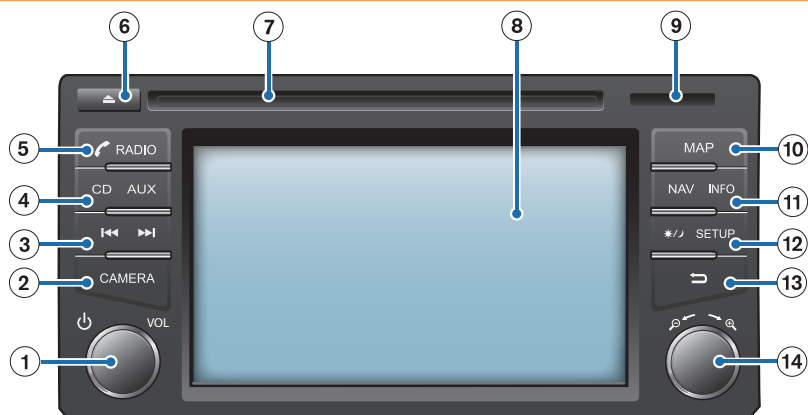


**3** Charging stations near your current location are displayed. If you touch the name of the preferred charging station, this is set as the destination. You can get details of a station by touching the charging station icon next to the name of the charging station.



NISSAN CONNECT EV is a service operated by NISSAN that provides many additional functions via communication with the NISSAN Data Centre. It allows you to update charging station information and remotely control battery charging and air conditioner & heater operation. To use NISSAN CONNECT EV, you must register for the service. For additional information, please consult a NISSAN certified electric vehicle dealer.

## ● Audio/Navigation system (models with NISSAN CONNECT navigation system)



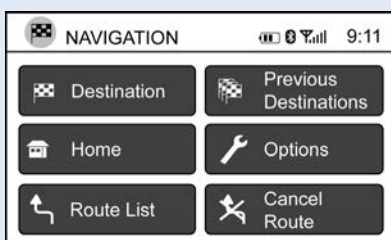
### Basic functions

- ① **VOL** and **Power**  
To turn on the system, make sure the ignition switch is in the ACC or ON position.
- ② **CAMERA**  
On models fitted with a rear/around view monitor, this button is used to display the rear/around view.
- ③ **⏮ ⏭**  
Skip back/forward through tracks or radio stations.
- ④ **CD AUX**  
Audio source selection switch:
  - Press <CD> for CD mode and CD setting mode.
  - Press <AUX> for input from USB, MP3, iPod or Bluetooth audio device.
- ⑤ Phone or radio selection switch:
  - Press **📞** for phone mode
  - Press <RADIO> for radio band selection.
- ⑥ **⏮**  
CD Eject button
- ⑦ CD slot
- ⑧ Touch screen display
- ⑨ Map-data card slot
- ⑩ **MAP**  
Press to display the current location map screen.
- ⑪ **NAV INFO**  
Navigation and information selection switch:
  - Press <NAV> to enter the Navigation system
  - Press <INFO> to enter the Information services screen.
- ⑫ Display and system setup selection switch:
  - Press <SETUP> to access the system settings
  - Press **☀/🌙** to adjust display brightness or long press to turn off display (Audio and route guidance remain ON if active)
- ⑬ **⏮**  
Back button.
- ⑭ Scrolling dial and button

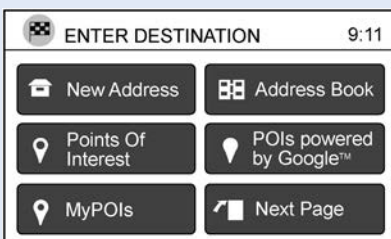
## ● Audio/Navigation system (models with NISSAN CONNECT navigation system)

### Setting the destination

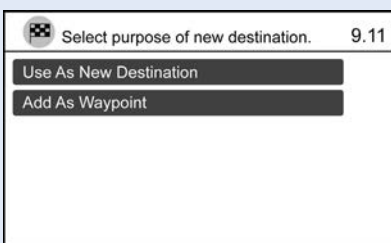
- 1** Press the <NAV> button on the audio/navigation unit.



- 2** Select a method to set your destination.

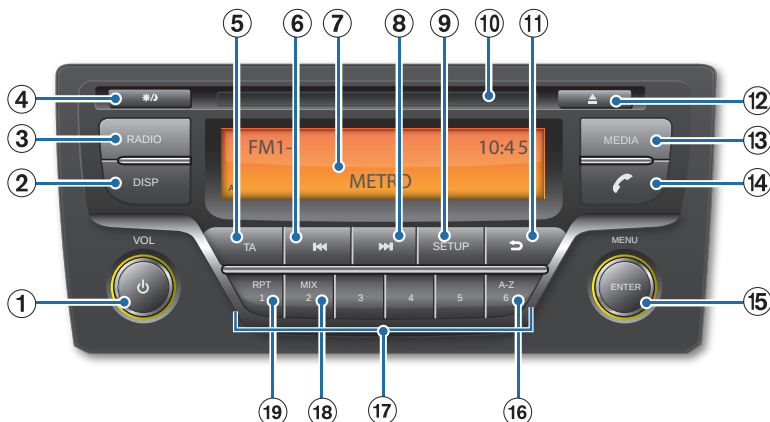


- 3** After entering the destination, select the purpose of the destination being set: use as new destination or use as a waypoint along the current route.



For detailed information on all the various functions of the audio/navigation system, please refer to the separate navigation system Owner's Manual.

## ● Audio System (models without navigation system)



### Basic functions

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>① <b>VOL</b> and <b>Power</b><br/>Volume control knob/Power ON /OFF button</p> <p>② <b>DISP</b>: to switch off the display while audio functions remain active</p> <p>③ <b>RADIO</b>: Select between AM/FM radio bands</p> <p>④ <b>Day/Night</b> (display brightness) button</p> <p>⑤ <b>TA</b><br/>Traffic announcement button</p> <p>⑥ <b>Fast Reverse</b> (Review) play/Reverse Track button</p> <p>⑦ Display</p> <p>⑧ <b>Fast Forward</b> (Cue) play/Forward Track button</p> <p>⑨ <b>SETUP</b><br/>Setup button</p> | <p>⑩ CD slot</p> <p>⑪ <b>Back</b> button</p> <p>⑫ <b>CD eject</b> button</p> <p>⑬ <b>MEDIA</b>: select audio input source (Tuner/CD/AUX/USB)</p> <p>⑭ <b>Telephone</b> button</p> <p>⑮ <i>Radio mode</i>: &lt;TUNE&gt; dial<br/><i>Audio unit mode</i>: Menu dial<br/>Confirmation &lt;ENTER&gt; button</p> <p>⑯ <i>Radio mode</i>: Preset button<br/><i>CD, AUX or Phone mode</i>: Quick search button</p> <p>⑰ <i>Radio mode</i>: Preset button<br/><i>CD mode</i>: Repeat &lt;RPT&gt; button</p> <p>⑱ <i>Radio mode</i>: Preset button<br/><i>CD mode</i>: &lt;MIX&gt; button</p> <p>⑲ <b>RPT</b>: Repeat track</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Notes

Notes





# Driving the LEAF

This chapter explains how to drive and park the LEAF, as well as other important operations for driving the vehicle.



How to drive your LEAF



Parking your LEAF



Headlight and wiper operation



Steering wheel controls



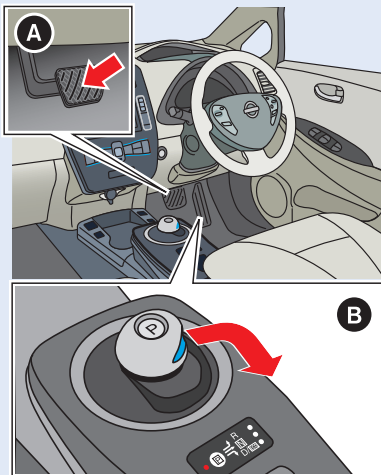
Tyre Pressure Monitoring System



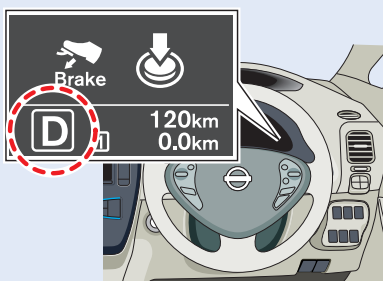
## How to drive your LEAF

- 1 Firmly depress the brake pedal **A** and select the <D> position with the shift lever **B**.

➔ Refer to p.12 and p.13 for more information about the shift lever.



- 2 The vehicle information display will display <D>.



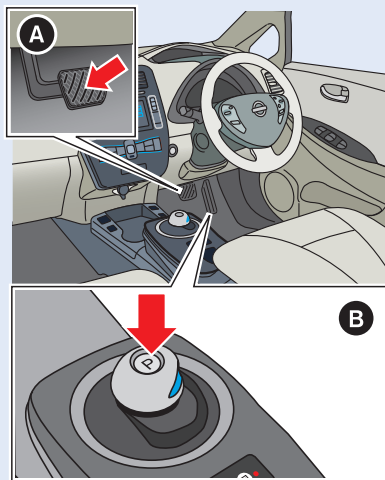
- 3 While keeping the brake pedal depressed, release the parking brake. Release the brake pedal to start driving the vehicle.

➔ Refer to p.14 for more information about the parking brake.



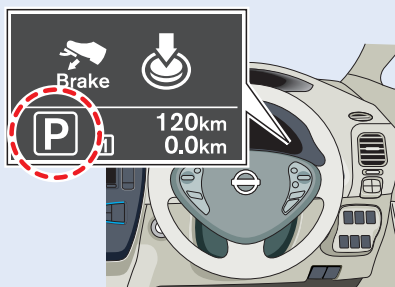
## Parking your LEAF

- 1** Park the vehicle and push the <P> position switch **B** while depressing the brake pedal **A**.



➔ Refer to p.12 and p.13 for more information about the shift lever.

- 2** The vehicle information display will display <P>.



- 3** Apply the parking brake.

➔ Refer to p.14 for more information about the parking brake switch.

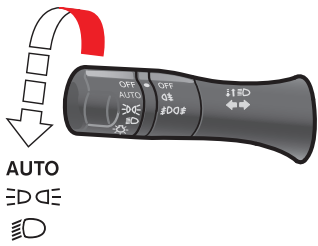


●

Headlight and wiper operation

How to operate the headlights

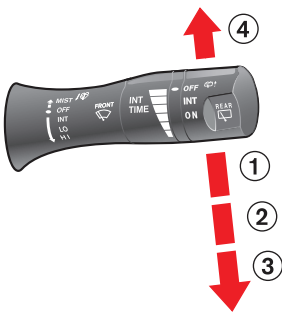
Turn the switch and align it with the  position to operate as follows.



| Symbol                                                                            | Headlight | Side lights, tail-lights, licence plate lights |
|-----------------------------------------------------------------------------------|-----------|------------------------------------------------|
| <OFF>                                                                             | —         | —                                              |
| <AUTO>                                                                            | Automatic |                                                |
|  | —         | ○                                              |
|  | ○         | ○                                              |

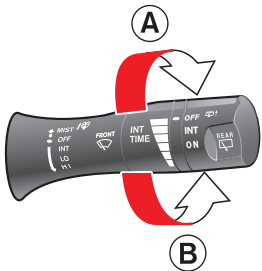
How to operate the wipers

Push the lever up or down to operate the wipers as shown in the table below.



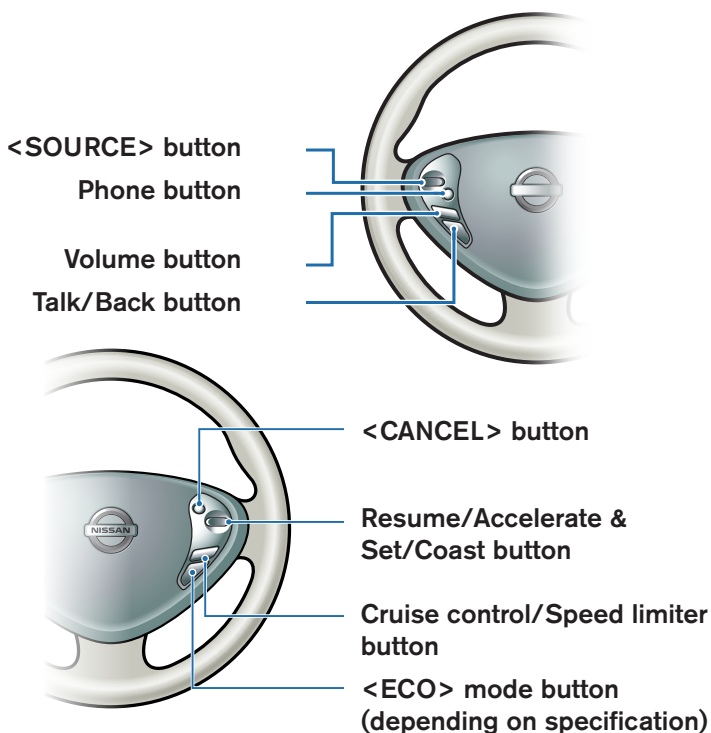
| Lever position | Wiper operation                             |
|----------------|---------------------------------------------|
| ①              | <AUTO>: Automatic wiper operation           |
| ②              | <LO>: Low speed continuous wiper operation  |
| ③              | <HI>: High speed continuous wiper operation |
| ④              | <MIST>: Operate the wiper once              |

When automatic wiper operation is selected, you can adjust the rain sensing sensitivity (wipe interval) by turning the inner switch.



- A
- The further you turn it away from you, the shorter the interval will be.
- B
- The further you turn it towards you, the longer the interval will be.

## ● Steering wheel controls



With the steering wheel controls on the left side of the steering wheel, you can control the audio, navigation and handsfree telephone systems.

Use the steering wheel buttons on the right side of the steering wheel to control the cruise control and speed limiter systems and to select the ECO drive mode (depending on specification).

➔ For detailed use of each button, please refer to the separate LEAF Vehicle Owner's Manual and navigation system Owner's Manual.

## ● Tyre Pressure Monitoring System

The Tyre Pressure Monitoring System (TPMS) continuously monitors the tyre pressure of the road wheels while the vehicle is driven at speeds over 25 km/h.

1

If a low tyre pressure is detected during driving, the TPMS warning light will light up in the combination meter.



At the same time, the low tyre pressure warning message will be displayed on the vehicle information display.



2

If the TPMS warning light and warning message are displayed, stop the vehicle in a safe place and check whether it is safe to continue your journey. If so, re-inflate the tyres to the recommended COLD tyre pressure as soon as possible.

## ● TPMS Reset after tyre pressure adjustment

After adjusting the tyre pressure(s), reset the TPMS system as follows:

1

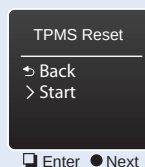
Press the  button **A** to select the [Settings] menu.



2

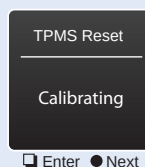
Press the ● Next **B** button to select [TPMS Reset] and press the  Enter button **A**.

Press the ● Next **B** button to select [Start] and press the  Enter button **A** to start resetting the TPMS system.



3

While system calibration is in process, [Calibrating] will be shown on the display.



4

To finish the procedure, drive the vehicle at speeds above 25 km/h for several minutes.

## ● TPMS Messages

While driving, following warning lights on the combination meter and messages on the vehicle information display can be displayed:

| TPMS indicator light(s)                                                                                                                                                                                                                                     | Possible cause                                               | Recommended action                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------|
| <br>                                                                                      | Low tyre pressure.                                           | Inflate tyre(s) to the correct pressure.       |
| <br><br> | Genuine NISSAN TPMS sensor is missing at one or more wheels. | Fit genuine NISSAN TPMS sensor(s).             |
|                                                                                                                                                                                                                                                             | TPMS system radio interference.                              | Drive away from the area of interference.      |
|                                                                                                                                                                                                                                                             | TPMS parts malfunction.                                      | Contact a NISSAN dealer or qualified workshop. |



## Notes

Notes

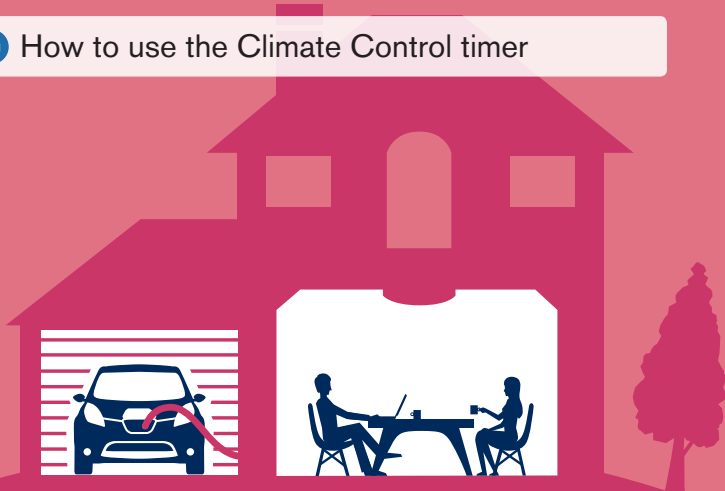


## Mastering the LEAF

This chapter explains methods for more efficient use of the LEAF, as well as battery-friendly ways to drive the vehicle.

*Certain features are only available on models equipped with NISSAN CONNECT EV navigation system.*

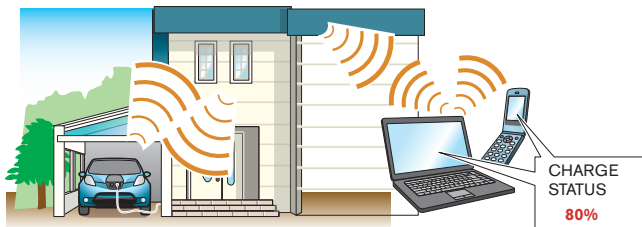
- 🔌 Checking the Li-ion battery charge status via PC or mobile phone
- 🔌 Remotely controlling battery charging and heater & air conditioner operation
- 🔌 Battery-friendly (ECO) driving
- 🔌 How to set the charging timer
- 🔌 How to use the Climate Control timer



## Checking the Li-ion battery charge status via PC or mobile phone

(models equipped with NISSAN CONNECT EV navigation system)

You can receive notification of the Li-ion battery charge status by email, via the NissanConnect EV services, smartphone app or website.



It is necessary to set an email address beforehand to receive notifications. Refer to your NISSAN CONNECT EV navigation system Owner's Manual for additional details.

## Remotely controlling battery charging and heater & air conditioner operation

(models equipped with NISSAN CONNECT EV navigation system)

You can start battery charging or operate the heater/air conditioner of your LEAF remotely from a personal computer or mobile phone, via the NissanConnect EV services, smartphone app or website.



- By operating the heater/air conditioner before your departure with the charge cable connected, you can reduce the load on the Li-ion battery for heating/cooling the interior when starting your journey.
- Settings must be performed for the personal computer or mobile phone that is used. Refer to your NISSAN CONNECT EV navigation system Owner's Manual for additional details.

## Battery-friendly (ECO) driving

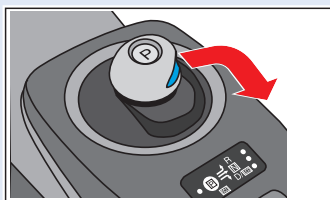
### Using the ECO mode

The ECO mode reduces energy consumption from the Li-ion battery by reducing the acceleration response, increasing the amount of energy regeneration by the regenerative brake and limiting the power to the air conditioner and heater system.

When driving in ECO mode, power consumption is minimized which will have a positive effect on the available driving range.

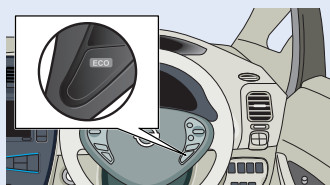
1

*For models without NISSAN CONNECT EV navigation system:*  
Place the shift lever in the <ECO> position: while the shift lever is in <D> position, slide it to the side and backwards once again.



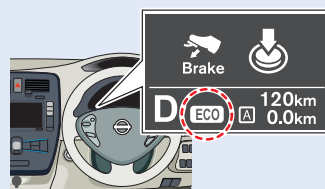
➔ Refer to p.12 and p.13 for more information on the shift lever.

*For models equipped with the NISSAN CONNECT EV navigation system:* press the <ECO> button on the steering wheel.



2

The vehicle information will display <ECO>.



When the ECO mode is selected, the level of deceleration when the accelerator pedal is released will be higher.



### **Battery-friendly (ECO) driving (Continued)**

#### **ECO driving style**

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A “sporty” driving style will greatly increase power consumption from the Li-ion battery. Avoid sudden acceleration and gently decelerate, using the regenerative brake system as much as possible and choose a moderate cruising speed to minimise power consumption and maximise the driving range of your vehicle.

#### **ECO climate control settings**

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Power consumption from the Li-ion battery by the heater/air conditioner can be reduced by using suitable temperature settings. Choosing moderate temperature settings will reduce power consumption by the heater and air conditioner system.

To minimise power consumption and ventilate the cabin using fresh air only, switch <HEAT> and <A/C> off. Fan speed and air distribution can be adjusted as desired.

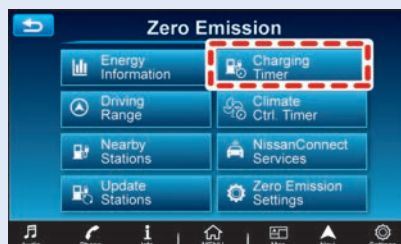


## How to set the charging timer

(models with NISSAN CONNECT EV navigation system)

1

Press  and touch [Charging Timer].



2

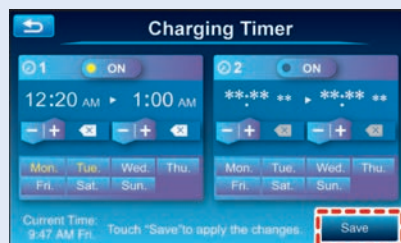
Touch [Edit Schedule].

3

Set the timer settings for timer 1 or 2:

- Timer on/off
- Start and end time
- Day of the week for which the schedule applies

Touch [Save] to save the settings.



4

After the settings have been saved, the settings confirmation screen will be displayed. Touch [OK] to confirm and store the settings, then turn the LEAF's power off.

➔ Refer to p.32 for more information about turning the power off.



- If you have a cheap off-peak plan with your electricity provider, you can take advantage of this by setting the charging timer accordingly to reduce electricity costs. Consult your electricity supplier for further details.
- You can set the charging timers 1 & 2 to operate on particular days of the week. For more details, refer to the NISSAN CONNECT EV navigation system Owner's Manual



### How to set the charging timer (models without NISSAN CONNECT EV navigation system)

Buttons for the timer setting are located at the side of the instrument panel.

**A**: Enter button

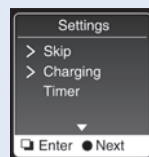
**B**: Next/Change button



To set the charging timer:

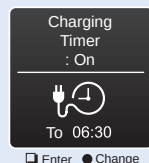
1

Select the [Settings] mode and press the Next button **B** to select [Charging Timer], then press the Enter button **A** to confirm your selection.



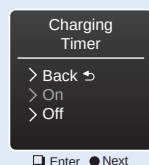
2

The current status and setting of the charging timer will be displayed. Press the Change button **B** to modify the charging Timer settings.



3

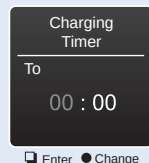
If not yet selected, select charging timer [On] using the Next button **B**, then press the Enter button **A** to confirm your selection.



4

Change the hour at which the charging timer should stop charging using the Change button **B**. Press the Enter button **A** to store the hour set and jump to the minutes setting.

Change the minutes to the desired value using the Change button **B**. Press the Enter button **A** to store the settings.  
The charging timer is now set.



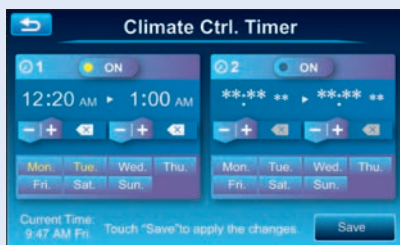
If you have a cheap off-peak plan with your electricity provider, you can take advantage of this by setting the charging timer accordingly to reduce electricity costs. Consult your electricity supplier for further details.



## How to use the climate control timer (models with NISSAN CONNECT EV navigation system)

1

Press  and touch [Climate Ctrl Timer].



2

Touch [Edit Schedule].



3

Set the timer settings for timer 1 or 2:

- Timer [ON]/[OFF]
- Departure time
- Weekday

Confirm the settings and touch [Save].

*Note: the timer will start the air conditioner or heater at the appropriate time before departure to achieve the set temperature, provided that the charge cable is connected.*



4

After the settings have been saved, turn the LEAF's power off and connect the charge connector to the vehicle.

➔ For more information about turning power off, refer to p.32.



You can set the Climate Control timer to operate on particular days of the week. For more details, refer to the NISSAN CONNECT EV navigation system Owner's Manual.



## How to use the climate control timer (models without NISSAN CONNECT EV navigation system)

Buttons for the timer setting are located at the side of the instrument panel.

**A**: Enter button

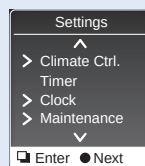
**B**: Next/Change button



To set the climate control timer:

**1**

Select the [Settings] mode and press the Next button **B** to select [Climate Ctrl. Timer], then press the Enter button **A** to confirm your selection.



**2**

The current status and setting of the climate control timer will be displayed. Press the Change button **B** to modify the climate control timer settings. If not yet selected, select climate control timer [On] using the Next button **B**, then press the Enter button **A** to confirm your selection.



**3**

Change the hour at which the climate control timer should have finished heating/cooling the vehicle interior using the Change button **B**. Press the Enter button **A** to store the hour set and jump to the minutes setting.

Change the minutes to the desired value using the Change button **B**. Press the Enter button **A** change to the day of the week selection.



**4**

Press the Change button **B** to set the day of the week to On or Off. Press the Enter button **A** and set the next day of the week. If all days of the week have been set, press the Enter button.

The settings confirmation screen will be displayed. Press the Enter button **A** to store and finish the climate control timer settings.



Note: The climate control timer will adjust the interior temperature to a default value as set at the factory. This value cannot be adjusted.