

RAV4 PRIME

2024

OWNER'S MANUAL
QUICK GUIDE

TOYOTA

1 **Plug-in hybrid system**

2 **Charging operation**

3 **Things you must know**

The quick guide is not intended as a substitute for your “OWNER’S MANUAL”. We strongly encourage you to review the “OWNER’S MANUAL” and supplementary manuals so you will have a better understanding of your vehicle’s capabilities and limitations.

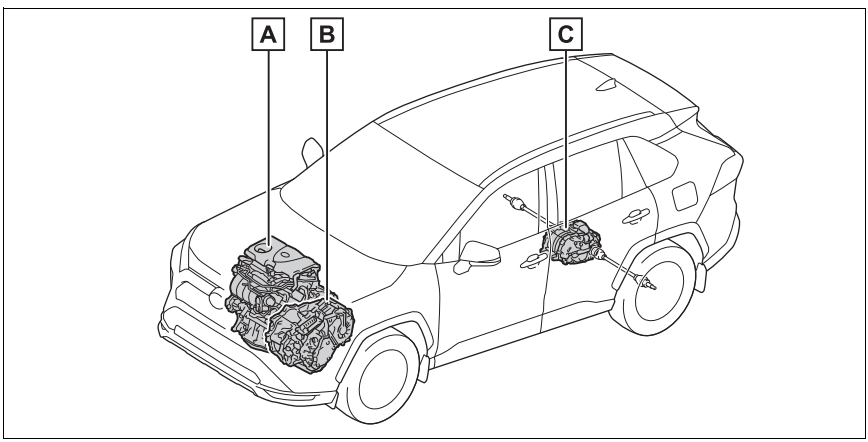
Depending on specifications, the vehicle shown in the illustration may differ from your vehicle in terms of equipment.

Plug-in hybrid system features

The plug-in hybrid system is a system excellent in both economical efficiency of electric vehicles and practicality of Plug-in Hybrid Electric Vehicles.

- EV driving can be performed using electricity charged from an external power source.*
- If the amount of electricity remaining in the hybrid battery (traction battery) becomes low, the vehicle is automatically controlled in such a way that it can be driven as a Plug-in Hybrid Electric Vehicle through the joint use of the gasoline engine.

*: The EV driving range will vary in accordance with conditions such as vehicle speed, the amount of charge remaining in the hybrid battery (traction battery) and the usage of the air conditioning system. The gasoline engine may also be used simultaneously in accordance with driving conditions.



The illustration is an example for explanation and may differ from the actual item.

A Gasoline engine

B Front electric motor (traction motor)

C Rear electric motor (traction motor)

Types of charging methods

Charging from an external power source

This is a charging method used when charging from an AC outlet (120 V) with the AC charging cable equipped to the vehicle or charging at a public charging station.

The charging start time (or departure time) and day can be set to carry out charging using the charging schedule at the desired date and time.

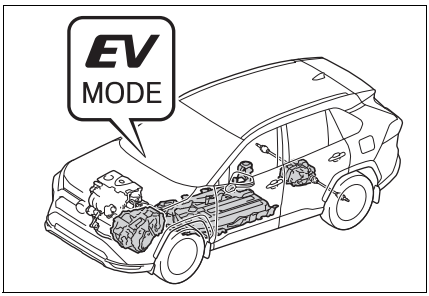
Using the hybrid battery (traction battery) charge mode

The plug-in hybrid system can be switched to hybrid battery (traction battery) charge mode to charge the hybrid battery (traction battery) using electricity generated by gasoline engine operation.

The maximum charge amount in the hybrid battery (traction battery) charge mode is approximately 80% of the fully charged capacity for the charging from an external power source.

Plug-in hybrid system operation mode

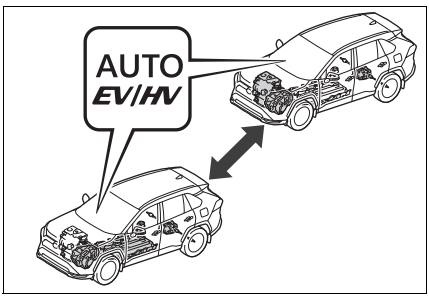
EV mode



When a sufficient amount of electricity is remaining after charging, EV driving is performed using electricity stored in the hybrid battery (traction battery).

When in EV mode, the EV drive mode indicator illuminates.

AUTO EV/HV mode

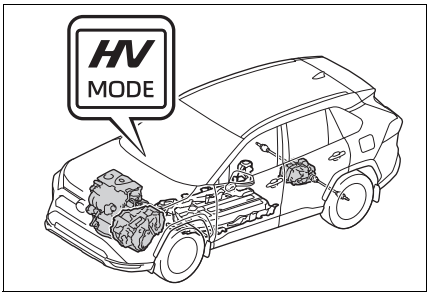


Normally, the electricity stored in the hybrid battery (traction battery) is used for EV driving. However, when more power is required, such as for driving uphill or accelerating suddenly, the gasoline engine starts and provides powerful acceleration by strongly depressing the accelerator pedal.

When the vehicle is in a condition where EV driving is possible, EV mode and AUTO EV/HV mode can be switched by operating the switch.

When in AUTO EV/HV mode, the AUTO EV/HV mode indicator illuminates.

HV mode

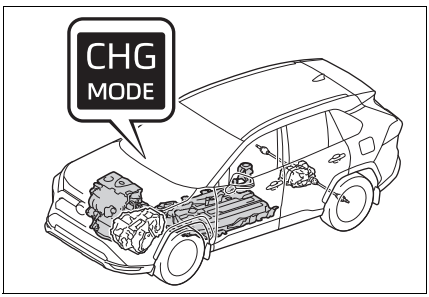


When in HV mode, the vehicle is driven using both the gasoline engine and electric motor.

- If electricity needed for EV driving in EV mode or AUTO EV/HV mode is not remaining, the operation mode will be automatically switched to HV mode.
- The operation mode can be switched to HV mode at any timing by operating the switch to keep electricity for EV driving etc. Switching to HV mode when driving on a highway or when driving uphill is recommended in order to conserve battery power.

When in HV mode, the HV drive mode indicator illuminates.

Hybrid battery (traction battery) charge mode



Electricity generated in the gasoline engine can be charged in the hybrid battery (traction battery) by switching to the hybrid battery (traction battery) charge mode when electricity needed for EV driving is not remaining.

- The system may not be able to switch to the hybrid battery (traction battery) charge mode due to the state of the plug-in hybrid system.
- Charging time differs depending on the driving state of the vehicle when driving in hybrid battery (traction battery) charge mode.

When in the hybrid battery (traction battery) charge mode, the hybrid battery charge mode indicator illuminates.

Plug-in hybrid system operation mode selection switches

The plug-in hybrid system operation modes can be switched using the switches.

■ Switching the plug-in hybrid system operation modes

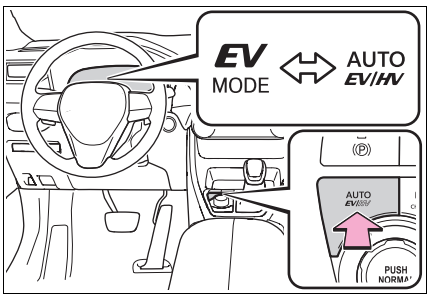
Press the AUTO EV/HV mode switch or EV/HV mode selection switch to change modes as the following table shows.

When in EV mode, the EV drive mode indicator illuminates.

When in AUTO EV/HV mode, the AUTO EV/HV mode indicator illuminates.

When in HV mode, the HV drive mode indicator illuminates.

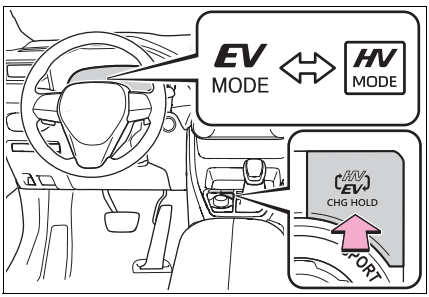
▶ AUTO EV/HV mode switch



Current mode	Mode after switching
EV mode	AUTO EV/HV mode
AUTO EV/HV mode	EV mode
HV mode	AUTO EV/HV mode*

*: If there is not enough charge remaining in the hybrid battery (traction battery) to allow EV driving, AUTO EV/HV mode will not be selectable.

▶ EV/HV mode selection switch

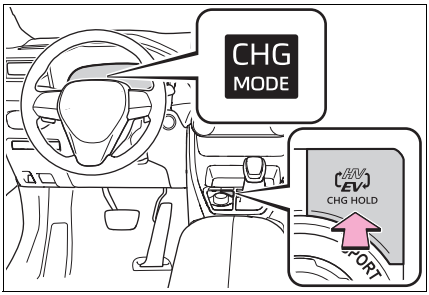


Current mode	Mode after switching
EV mode	HV mode
AUTO EV/HV mode	HV mode
HV mode	EV mode*

*: If there is not enough charge remaining in the hybrid battery (traction battery) to allow EV driving, EV mode will not be selectable.

■ Switching to the hybrid battery (traction battery) charge mode

Press and hold the EV/HV mode selection switch.



Take your hand off the switch once the hybrid battery charge mode indicator starts to blink.

The hybrid battery charge mode indicator illuminates when the switch to hybrid battery (traction battery) charge mode is complete.

When the hybrid battery (traction battery) is sufficient charged*, the hybrid battery (traction battery) charge mode is automatically canceled and the operation mode will be switched to HV mode.

The hybrid battery (traction battery) charge mode will be canceled by pressing AUTO EV/HV mode switch or EV/HV mode selection switch.

*: The maximum charge amount in the hybrid battery (traction battery) charge mode is approximately 80% of the sufficient charged capacity for the charging from an external power source.

■ If the plug-in hybrid system operation mode cannot be changed

In the following situations, the plug-in hybrid system operation mode cannot be changed even if the AUTO EV/HV mode switch or EV/HV mode selection switch is pressed. (In this case, the warning message is displayed on the multi-information display when the switch is pressed.)

- When electricity needed for EV driving is not remaining (when in EV mode or AUTO EV/HV mode)
- When the traction battery is almost completely charged (hybrid battery [traction battery] charge mode)

■ When switching from EV mode to another mode using the switch

When the power switch is turned off, operation mode switching is canceled and the system returns to EV mode the next time the vehicle is started.*

*: If there is not enough charge remaining in the hybrid battery (traction battery) to allow EV driving, the system switches to HV mode.

■ **Hybrid battery (traction battery) charge mode**

● The following may occur to protect the system, etc.

- Cannot switch to hybrid battery (traction battery) charge mode or cannot cancel it
- Gasoline engine does not start or stops even after switching to hybrid battery (traction battery) charge mode

● If a load to the system is large, such as when the power consumption of the air conditioning system is large or when the temperature of the engine coolant is high, it may take longer time than usual to charge using the hybrid battery (traction battery) charge mode, or charging to the hybrid battery (traction battery) may not be performed.

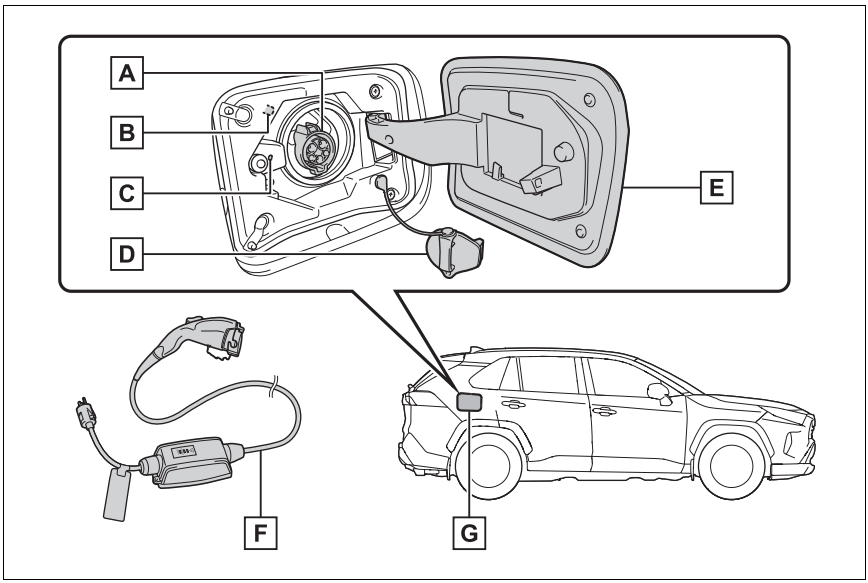
Acoustic Vehicle Alerting System

When driving with the gasoline engine stopped, a sound, which changes in accordance with the driving speed, will be played in order to warn people nearby of the vehicle's approach.

The sound will stop when the vehicle speed exceeds approximately 22 mph (35 km/h).

Charging equipment

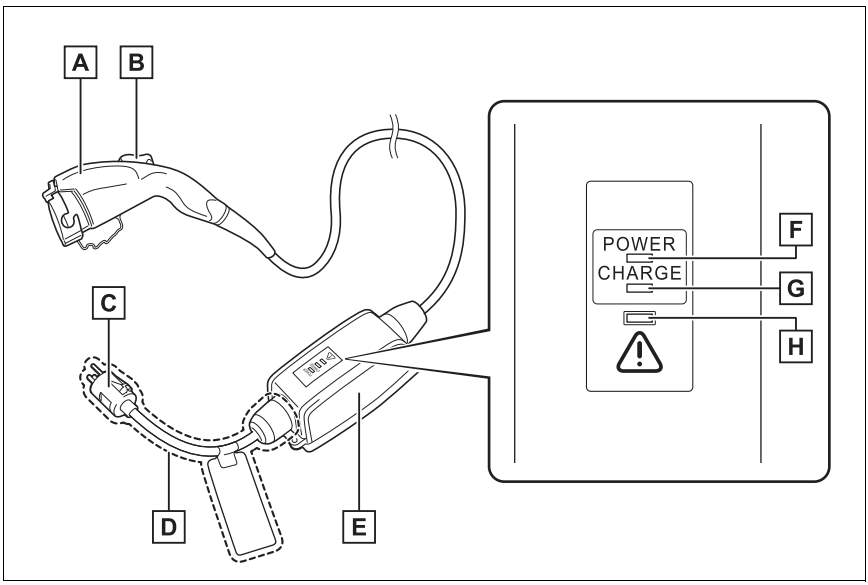
Charging equipment and names



- A AC charging inlet
- B AC charging inlet light
- C Charging indicator
- D AC charging inlet cap
- E Charging port lid
- F AC charging cable
- G Charging port

AC charging cable

■ The names of each part of the AC charging cable



- A Charging connector
- B Latch release button
- C Plug
- D Plug-cord
- E CCID (Charging Circuit Interrupting Device)
- F Power indicator
- G Charging indicator
- H Error warning indicator

■ Safety functions

The CCID (Charging Circuit Interrupting Device) has the following safety features.

- Electrical leakage detection function

  If an electrical leakage is detected during charging, the power source will be automatically interrupted, thus preventing fires or electrical shocks caused by electrical leakage.

- Automatic check function

  This is an automatic system check that is run before charging begins to check for problems in the operation of the electrical leakage detection function.

- Temperature detection function

  A temperature detection function is equipped to the plug. While charging, if heat is generated due to looseness on the outlet side etc., this function suppresses heat by controlling the charging current.

- Conditions for supplying current to the vehicle

  The CCID (Charging Circuit Interrupting Device) is designed to prevent electrical current from being supplied to the charging connector when it is not connected to the vehicle, even if the plug is inserted into the outlet.

■ Safety functions

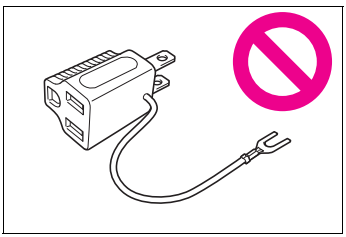
- The hybrid system will not start while the AC charging cable is attached to the vehicle, even if the power switch is operated.
- If the AC charging cable is connected while the “READY” indicator is illuminated, the hybrid system will stop automatically and driving will not be possible.

WARNING

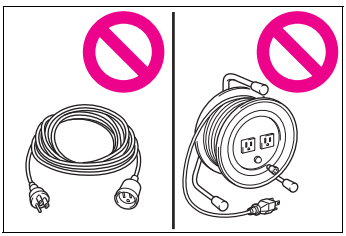
Power sources precautions

Observe the following precautions.
If you do not follow them, fire, electrical shock or damage may occur, possibly resulting in death or serious injury.

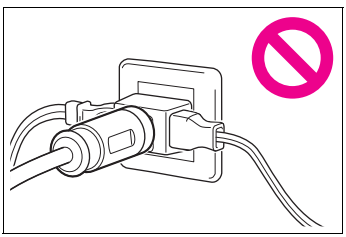
- Connect to an AC 120 V outlet (NEMA 5-15R) with a Ground-Fault Circuit-Interrupter (GFCI) and supplied by a circuit breaker per your local code. Use of a 15A individual circuit is strongly recommended.
- Do not connect the AC charging cable to a multi-outlet adaptor, multi-plugs, or conversion plug.



- Connecting the AC charging cable to an extension cord is strictly prohibited. The extension cord may overheat and does not contain a Ground-Fault Circuit-Interrupter (GFCI).
  The leakage detection function of the CCID (Charging Circuit Interrupting Device) may not operate correctly.



- Do not connect to a branch electrical socket.



- Make sure to connect the charging connector and AC charging inlet directly.
  Do not connect a converting adaptor or extension cord between the charging connector and AC charging inlet.

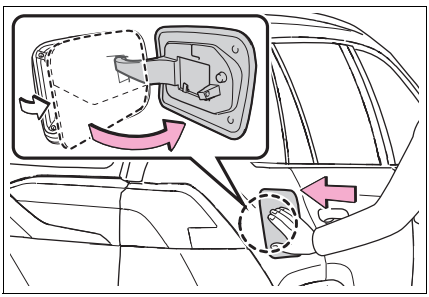
Opening and closing the charging port lid

Opening the charging port lid

Unlock the charging port lid by unlocking the doors.

Slightly open the charging port lid by pressing the rear edge of it (the position shown in the illustration).

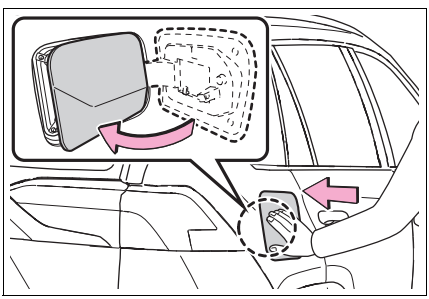
Push and take your hand away to slightly open the charging port lid. Then open the lid fully by hand.



Closing the charging port lid

Close the charging port lid and press the central rear edge of the charging port lid (the location shown in the illustration).

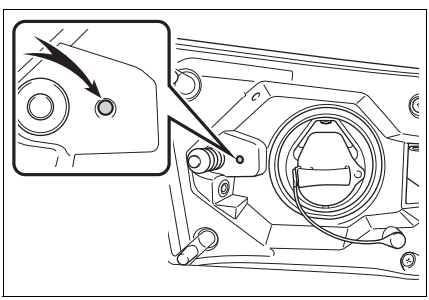
When the doors are locked, the charging port lid is also locked.



Charging indicator

The illumination/flashing pattern changes to inform the user of the charging status.

For details about charging indicator, refer to “OWNER’S MANUAL”.



How to charge

Charging precautions

This vehicle has been designed to allow charging from an external power source using a AC charging cable for exclusive use with standard household AC outlets.

However, the vehicle differs greatly from standard household electrical goods in the following ways, and incorrect usage could cause fire or electric shock, possibly leading to death or serious injury.

- When charging, a large amount of current will flow for a long time.
- Charging can be conducted outdoors.

To charge properly, follow the procedure after reading the explanation below. Charging is intended to be carried out by licensed drivers only who properly understand the charging procedure.

- Do not allow people who is not used to charging, such as children, to perform charging without supervision. Also, keep the AC charging cable out of reach of infants.
- When charging with a charger, follow the procedures for using each charger.
- When charging using a public charging facility, check the setting of the charging schedule function.
  - When the charging schedule is registered, temporarily turn off the function or turn “Charge Now” on.
  - When the charging schedule is set to on, charging will not start even if the AC charging cable is connected. Also, charging fee may occur due to connection of the AC charging cable.

Confirm the following before charging

Before charging, always check the following items.

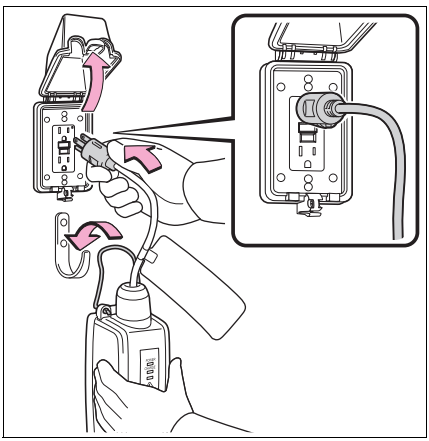
- The parking brake is applied.
- Lights such as the headlights, emergency flashers and interior lights etc. are turned off.

  If these light switches are turned on, then these features will consume electricity, and charging time will increase.
- The power switch is turned to OFF.

When charging

1 Prepare the AC charging cable.

2 Insert the AC charging cable into the outlet of the external power source.

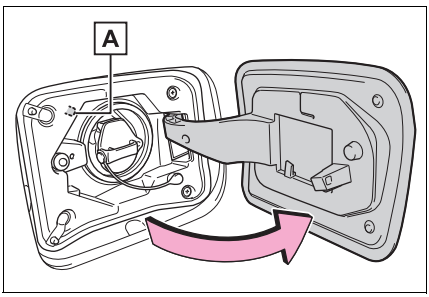


Make sure to hold the body of the plug and insert it firmly into the outlet.

Check that the power indicator on the CCID (Charging Circuit Interrupting Device) is illuminated.

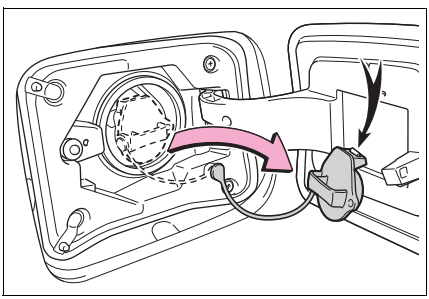
In order to reduce the load on the outlet and plug, when inserting the plug, use a string, etc. to hang the CCID (Charging Circuit Interrupting Device) on a hook or equivalent.

3 Unlock the doors and open the charging port lid.

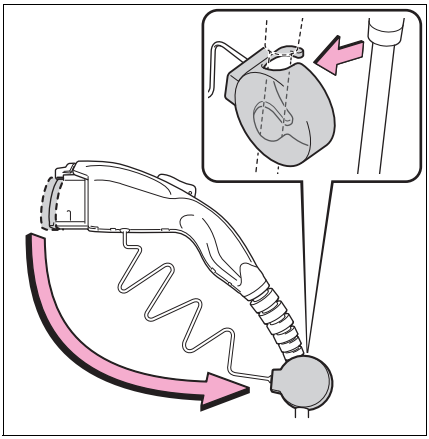


The AC charging inlet light (A) will illuminate.

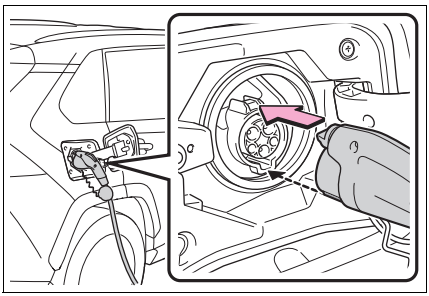
4 Remove the AC charging inlet cap and secure it into the holder on the charging port lid.



5 Remove the charging connector cap and secure it to the cable.



6 Insert the charging connector into the AC charging inlet.



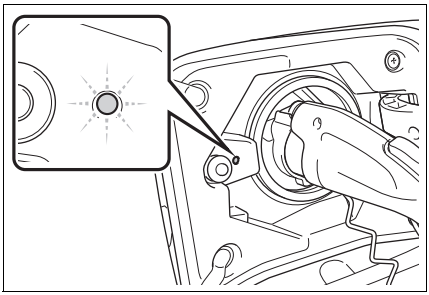
Align the guide position on the bottom of the charging connector, and push the charging connector straight into the AC charging inlet as far as possible.

Once a click sound is heard, check that the charging connector is securely connected.

If the doors are locked, the charging connector is locked.

If the charging connector is inserted with the doors locked, the charging connector is automatically locked.

7 Confirm that the charging indicator of the charging port is illuminated.



Charging will not start if the charging indicator does not illuminate when the charging connector is inserted.

If the charging indicator is flashing, the charging schedule is registered.

If the error warning indicator on the CCID (Charging Circuit Interrupting Device) flashes during charging, refer to “OWNER’S MANUAL” and follow the correction procedure.

The charging indicator will turn off when charging is completed.

The charging indicator will also turn off when charging is interrupted. In this case, refer to “OWNER’S MANUAL”.

■ **During charging**

- The charging starting time may differ depending on the state of the vehicle, but this does not indicate a malfunction.
- Cooling fan sounds may be heard from near the rear seat.
- During charging, sounds may be heard from near the hybrid battery (traction battery) in accordance with the operation of the air conditioning system or “Battery Cooler”.
- During and after charging, the rear seat and its surrounding area in which the onboard traction battery charger is installed may get warm.
- The surface of the CCID (Charging Circuit Interrupting Device) may become hot, but this does not indicate a malfunction.
- Depending on radio wave conditions, interference may be heard on the radio.
- The current charging condition and the estimated time until charging will complete can be checked on the multi-information display.

■ **Safety function**

If the latch release button is pressed, charging will not begin even if the AC charging cable is connected.

Also, charging will be stopped if the latch release button is pressed and held for several seconds during charging. When restarting charging, reinsert the charging connector after pulling it out, and check that the charging indicator of the charging port illuminates.

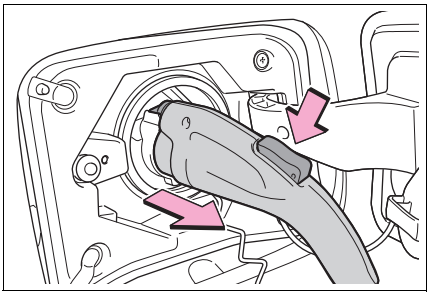
After charging

1 Unlock the doors to unlock the charging connector.

The charging connector will be unlocked and the AC charging inlet light will illuminate when the doors are unlocked.

2 Pull the charging connector towards you while pressing the latch release button.

If the latch release button is pressed during charging (while the charging indicator is illuminated), charging will be interrupted.



3 Attach the charging connector cap.

4 Attach the AC charging inlet cap and close the charging port lid.

5 Remove the plug from the outlet when the charging equipment will not be used for a prolonged period of time.

Hold the body of the plug when removing.

Make sure to put the cable away immediately after disconnecting.

When leaving the plug inserted, inspect the plug and connector once a month to check if dirt or dust has accumulated.

WARNING

When charging

Observe the following precautions.
Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- Connect to a power source suitable for charging.
- Check that the AC charging cable, plug and outlet are free of foreign matter.
- Before charging, check that the AC charging inlet is not deformed, damaged or corroded, and check that the inlet is free of foreign matter such as dirt, snow and ice.
  If there is dirt or dust in these areas, remove completely before inserting the charging connector.
- Do not get the terminals of the AC charging inlet wet.
- Only use outlets where the plug can be securely inserted.
- Do not bundle or wind the AC charging cable while charging, as doing so may result in overheating.
- Do not touch the terminals of the charging connector and AC charging inlet with a sharp metal objects (needles etc.) or hands, or short them with foreign objects.
- When charging outdoors, make sure to connect to a weatherproof outlet for outdoor use. Ensure the weatherproof outlet cover closes completely. If the weatherproof outlet cover cannot be closed, install a weatherproof outlet cover that will close.
- In order to stop charging at the charging station, follow the instructions of the charger.
- If any heat, smoke, odors, noise or other abnormalities are noticed during charging, stop charging immediately.
- Do not insert the plug if the outlet is submerged in water or snow.
- When charging while it is raining or snowing, do not connect or disconnect the plug if your hands are wet. Also, do not get the plug or outlet wet.
- Do not charge the vehicle during a lightning storm.
- Prevent the AC charging cable from being caught in the door or back door.
- Do not let the wheels on the AC charging cable, plug, charging connector and CCID (Charging Circuit Interrupting Device).
- Firmly insert the plug into the outlet.
- Do not use an extension cord and converting adaptor.

WARNING

When charging

- Close the hood before using the charging system. The cooling fan may start operating suddenly. Touching or getting close to rotating parts such as the fan may cause your hands or clothes (especially a necktie or scarf) to become caught and result in a serious injury.
- After connecting the charging cable, confirm that it is not wound around anything.
- If the power indicator on the CCID (Charging Circuit Interrupting Device) does not illuminate after plugging the AC charging cable into the socket-outlet, unplug it immediately.

After charging

Remove the plug if it will not be used for a long time.
Dirt and dust may accumulate plug or outlet, which could cause a malfunction or fire, possibly leading to death or serious injury.

Onboard traction battery charger

The onboard traction battery charger is located under the rear seats. Make sure to observe the following precautions regarding the onboard traction battery charger. Failure to observe these precautions may result in death or serious injury such as burns and electric shocks.

- The onboard traction battery charger is hot during charging. Do not touch the onboard traction battery charger, as doing so may result in burns.
- Do not disassemble, repair or modify the onboard traction battery charger. When the onboard traction battery charger needs to be repaired, consult your Toyota dealer.

NOTICE

When using the AC charging cable and related parts

To prevent damage to the AC charging cable and related parts, observe the following precautions.

- When interrupting or canceling charging, remove the charging connector before removing the plug.
- When removing the AC charging cable, check that the charging connector is unlocked.
- Do not forcefully pull the charging connector cap and AC charging inlet cap.
- Do not apply a vibration to the charging connector while charging. Charging may be stopped.
- Do not insert anything but the charging connector into the AC charging inlet.
- When inserting the plug into or removing the plug from the outlet, make sure to hold the body of the plug.
- Do not damage the AC charging inlet cap with a sharp object.
- Do not forcefully pull the AC charging cable that is caught or entangled. If the cable is entangled, disentangle it before using.
- Do not disassemble, repair or modify the AC charging inlet. When the AC charging inlet needs to be repaired, consult your Toyota dealer.

When charging

Do not insert the plug into the AC charging inlet.
The AC charging inlet may be damaged.

After charging

- Store the AC charging cable out of reach from infants and children.
- After disconnecting the charging connector from the AC charging inlet, make sure to put on the AC charging inlet cap and close the charging port lid.
  If the AC charging inlet cap is not put on, water or foreign objects may enter the AC charging inlet, which could lead to vehicle damage.
- After removing the plug from the outlet, keep it in a safe place free from moisture and dust.
  The AC charging cable or plug may be damaged if the cable is stepped on or ridden over by the vehicle.

NOTICE

Using private power generator

Do not use private power generators as a power source for charging.
Doing so may make charging unstable, the voltage may be insufficient, and the error warning indicator on the CCID (Charging Circuit Interrupting Device) of the AC charging cable may flash.

Charging station

Due to the environment in which the power equipment is located, charging may be unstable due to noise, the voltage may be insufficient, and the error warning indicator on the CCID (Charging Circuit Interrupting Device) of the AC charging cable may flash.

Using the charging schedule function

Charging schedule function

Charging can be carried out at the desired time by registering the charging schedule.

When registering the charging schedule, the following settings can be changed.

- Select the charging mode (“Start” or “Start at set time”/“Departure” or “Departure time”)
- Repeated setting
- Air conditioning-linked setting (“Climate Prep” or “Climate preparation”)
- Turning “Charge Now” on and off
- Changing “Next Event”

For details of each settings, refer to “OWNER’S MANUAL”.

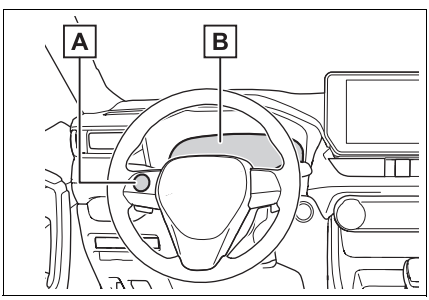
The charging schedule can be registered on the multi-information display or Multimedia Display.

Setting operations on 7-inch multi-information display (if equipped)

When operating charging schedule, use the meter control switches.

A Meter control switches

B Multi-information display



■ Registering the charging schedule

1 Press ‹ or › of the meter control switches to select ⚙.

2 Press ∧ or ∨ of the meter control switches to select “Vehicle Settings”, and then press and hold OK.

3 Press ∧ or ∨ of the meter control switches to select “Charging Settings”, and then press OK.

The “Charging Settings” screen will be displayed.

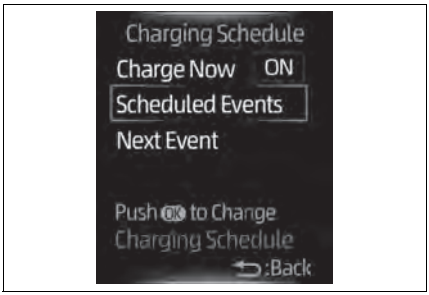
4 Press ∧ or ∨ of the meter control switches to select “Charging Schedule”, and then press OK.

The “Charging Schedule” screen will be displayed.

5 Press ∧ or ∨ of the meter control switches to select “Scheduled Events”, and then press OK.

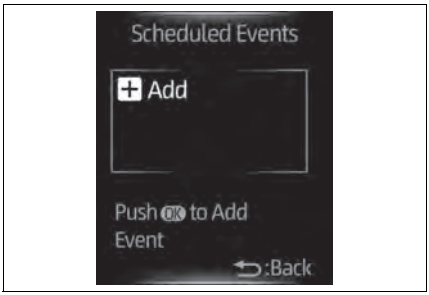
The “Scheduled Events” screen will be displayed.

For information about setting of the items other than “Scheduled Events”, refer to “OWNER’S MANUAL”.



6 Press ∧ or ∨ of the meter control switches to select “+”, and then press OK.

The “Charging Mode” screen will be displayed.



7 Operate the meter control switches to select the item and change the setting.

For details about the item, refer to “OWNER’S MANUAL”.

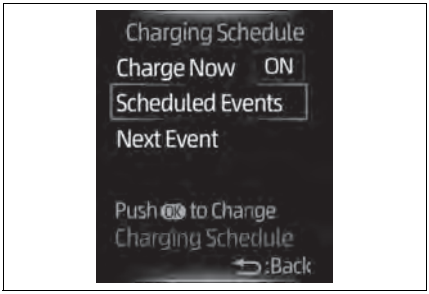
After setting operations are complete, when the AC charging cable is connected to the vehicle, charging will be carried out according to the charging schedule settings.

■ Changing the registered charging schedules

The registered charging schedules can be modified or deleted.

1 Perform step 1 to 5 of the “Registering the charging schedule” procedure and display “Scheduled Events” screen.

A list of the registered charging schedule will be displayed.



2 Press ^ or v of the meter control switches to select the item to change, and then press and hold OK.

The “Edit Event” screen will be displayed.



3 Operate the meter control switches to select the item and change the setting.

For details about the item, refer to “OWNER’S MANUAL”.

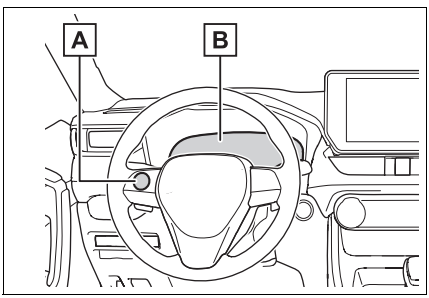


Setting operations on 12.3-inch multi-information display (if equipped)

When operating charging schedule, use the meter control switches.

A Meter control switches

B Multi-information display



■ Registering the charging schedule

1 Press and hold OK to display the cursor on the content display area (center) of the multi-information display.

2 Press ^ or v of the meter control switches to select ⚙ and then press OK.

3 Press ^ or v of the meter control switches and select “ Vehicle Settings”. Then press and hold OK.

4 Press ^ or v of the meter control switches to select “Charging Settings”, and then press OK.

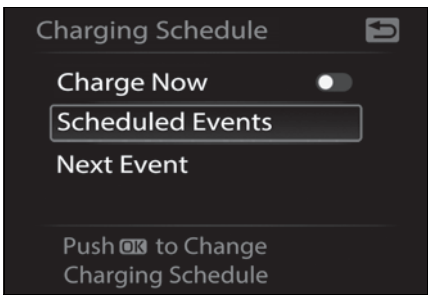
The “Charging Settings” screen will be displayed.

5 Press ^ or v of the meter control switches to select “Charging Schedule”, and then press OK.

The “Charging Schedule” screen will be displayed.

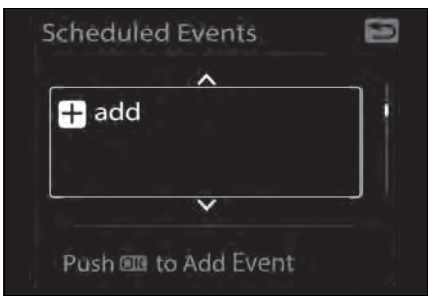
6 Press ^ or v of the meter control switches to select “Scheduled Events”, and then press OK.

The “Scheduled Events” screen will be displayed.



7 Press ^ or v of the meter control switches to select “+”, and then press OK.

The “Charging Mode” screen will be displayed.



8 Operate the meter control switches to select the item and change the setting.

For details about the item, refer to “OWNER’S MANUAL”.

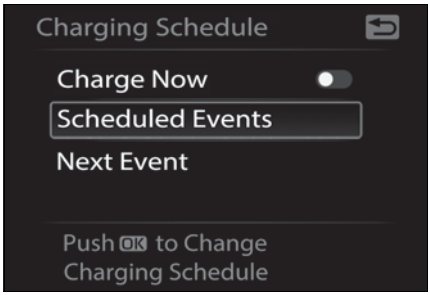
After setting operations are complete, when the AC charging cable is connected to the vehicle, charging will be carried out according to the charging schedule settings.

■ Changing the registered charging schedules

The registered charging schedules can be modified or deleted.

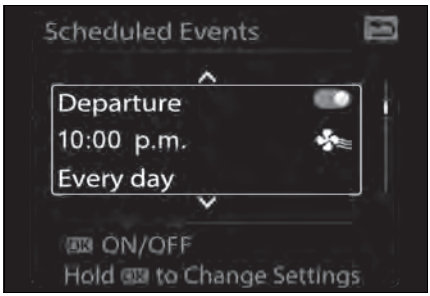
1 Perform step **1** to **6** of the "Registering the charging schedule" procedure and display "Scheduled Events" screen.

A list of the registered charging schedule will be displayed.



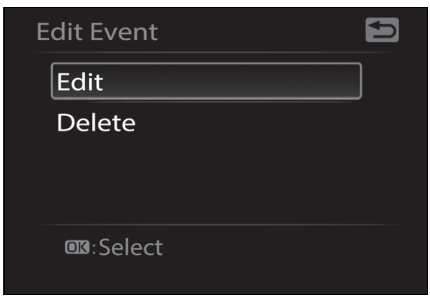
2 Press ^ or v of the meter control switches to select the item to change, and then press and hold OK.

The "Edit Event" screen will be displayed.



3 Operate the meter control switches to select the item and change the setting.

For details about the item, refer to "OWNER'S MANUAL".



Setting operations on the Multimedia Display

Setting operations related to the charging schedule are performed on the “Charging schedule” screen.

The illustrations used in the text may differ from the images that are actually displayed on the Multimedia Display.

■ Displaying the “Charging schedule” screen

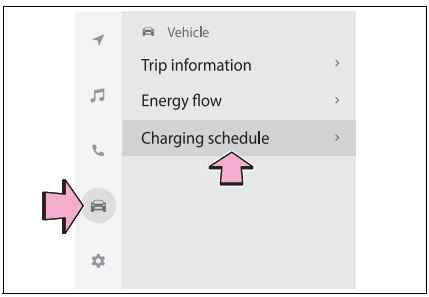
1 Turn the power switch to ON and display the menu screen.

Check that the “IGNITION ON” is displayed on the multi-information display.

When the power switch is in ACC, charging schedule setting operation can not be performed.

2 Select and “Charging schedule”, in that order.

The “Charging schedule” screen will be displayed.



For details of “Charging schedule” screen, refer to “OWNER’S MANUAL”.

■ Registering the charging schedule

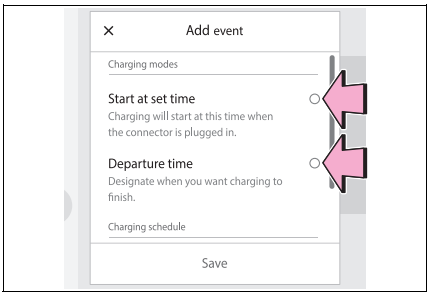
1 Display the “Charging schedule” screen.

2 Press “Add”.

The “Add event” screen will be displayed on the screen.

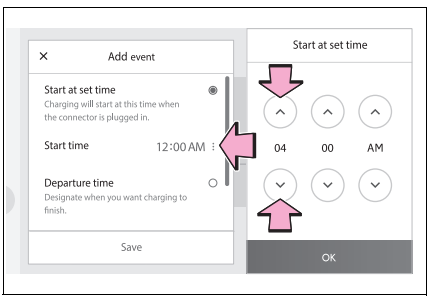
3 Select charging mode.

Press “Start at set time” or “Departure time” to set the desired charging mode, and set the time by pressing buttons on the screen.



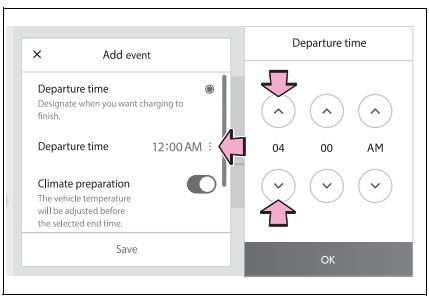
When “Start at set time” is selected:

Set the charging start time (start time), then press “OK”.



When “Departure time” is selected:

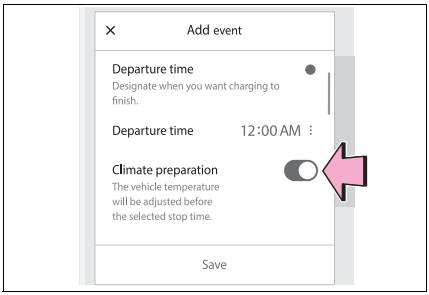
Set the charging end time (departure time), then press “OK”.



4 When the charging mode is set to “Departure time”, set the air conditioning-linked function to on or off.

To operate the air conditioning system according to the departure time, press the “Climate preparation” to set the function to on.

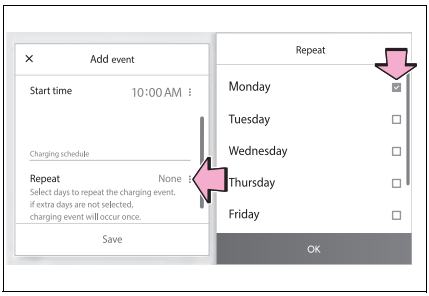
Each time the button is pressed, the function switches between on and off.



5 Select the desired day of the week to activate for the repeated setting, and then press “OK”.

The charging schedule will be repeated on the selected day. It is possible to select more than one day.

If no days are selected, charging is only carried out once according to the charging schedule for the next 24 hours.

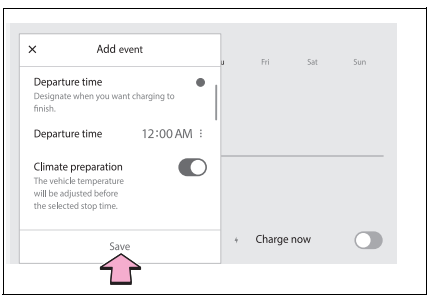


6 After setting operations are complete, press “Save”.

The charging schedule is registered and an icon is added to the calendar.

To cancel registration of the charging schedule, press “X”.

After setting operations are complete, when the power switch is turned off and the AC charging cable is connected to the vehicle, charging is carried out according to the charging schedule settings.



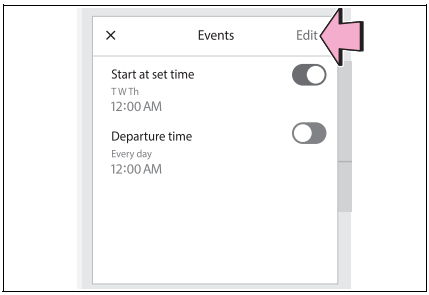
■ Changing the registered charging schedules

1 Display the “Charging schedule” screen.

2 Press “Edit”.

The “Events” screen will be displayed on the screen.

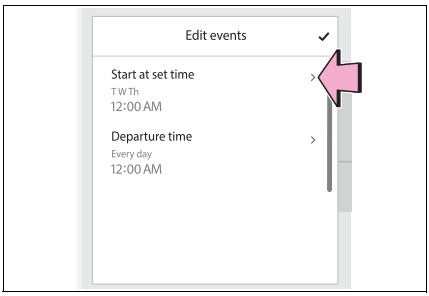
3 Press “Edit” on the “Events” screen.



4 From the items displayed on the screen, press the charging schedule you want to change.

The “Edit events” screen will be displayed on the screen.

It is also possible to display the “Edit events” screen by pressing the icon of the charging schedule you want to change from those displayed on the calendar.



Charging tips

Checking information related to charging

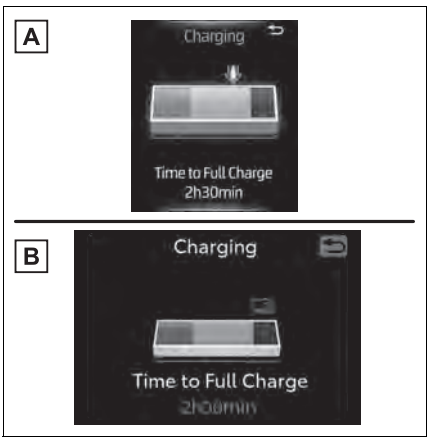
Information related to charging is displayed and can be checked on the multi-information display.

■ While charging

When any door is opened during charging, the current charging condition and approximate time remaining until charging is complete are displayed for a certain period of time.

A Vehicles with 7-inch multi-information display

B Vehicles with 12.3-inch multi-information display

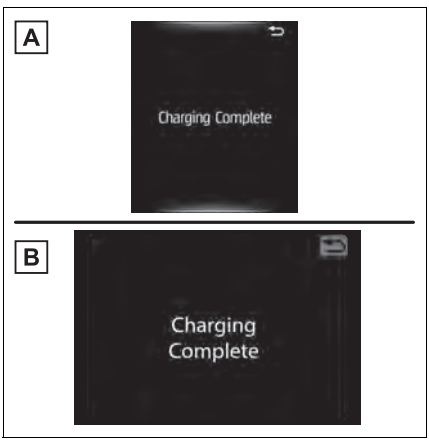


■ After charging is complete

When any door is opened with the power switch off after charging is complete, a message detailing the results of the charging is displayed for a while. Also, a message is displayed if an operation that stops charging is performed or a situation where charging cannot be performed occurs.

A Vehicles with 7-inch multi-information display

B Vehicles with 12.3-inch multi-information display



Inspecting and maintaining the AC charging cable

For safety, inspect the AC charging cable on a routine basis.

WARNING

Routine inspection

Check the following points regularly.
Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- The AC charging cable, plug, charging connector, CCID (Charging Circuit Interrupting Device) etc. have not been damaged.
- The outlet has not been damaged.
- The plug can be securely inserted into the outlet.
- The plug does not get extremely hot during use.
- The tip of the plug has not been deformed.
- The plug is not dirtied by dust etc.

Remove the plug from the outlet before inspecting it. If any abnormalities are found in the AC charging cable as a result of the inspection, immediately stop use and consult your Toyota dealer.

Maintaining the AC charging cable

When the AC charging cable is dirty, first remove the dirt with a hard, wringed cloth, and then wipe the cable with a dry cloth.
However, never wash it with water. If the AC charging cable is washed with water, fire or electric shock may occur during charging, possibly resulting in death or serious injury.

When not using the AC charging cable for a long time

Remove the plug from the outlet. Dust could accumulate on the plug or in the outlet, possibly causing overheating which could lead to a fire.
Also, keep the cable in a place free from moisture.

Using the “My Room Mode”

When the AC charging cable is connected to the vehicle, electrical components such as the air conditioning system or audio system can be used using the external power source.

Starting “My Room Mode”

1 Connect the AC charging cable to the vehicle and start charging

2 Turn the power switch on during charging

The setting screen of “My Room Mode” is displayed automatically on the multi-information display.

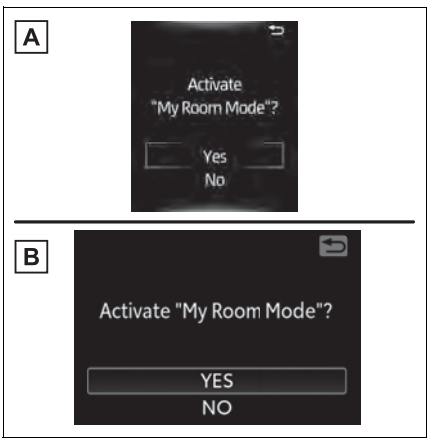
3 Press ^ or v of the meter control switches, select “Yes”, and then press OK.

“My Room Mode” starts and systems such as the air conditioning system and audio system can be used inside the vehicle.

When not using “My Room Mode”, select “No”, and then press OK.

A Vehicles with 7-inch multi-information display

B Vehicles with 12.3-inch multi-information display



To stop “My Room Mode”, turn the power switch off.

While using “My Room Mode”

Any of the following may occur.

- When the remaining charge of the hybrid battery (traction battery) reaches the lower limit, the air conditioning system automatically turns off. In this situation, the air conditioning system cannot be used until the remaining charge of the hybrid battery (traction battery) increases. Turn the power switch off and use “My Room Mode” after the remaining charge of the hybrid battery (traction battery) is restored.
- When the outside temperature is low, the heater output may be limited due to the air conditioning system operation being restricted.
- Warning lights and indicators such as electric power steering system warning light (yellow) and malfunction indicator lamp may turn on, but this is not a malfunction.
  Also, when the headlight switch is in the AUTO position and the surrounding area is dark, the headlights are turned on.

Things you must know

Regenerative braking

In the following situations, kinetic energy is converted to electric energy and deceleration force can be obtained in conjunction with the recharging of the hybrid battery (traction battery).

- The accelerator pedal is released while driving with the shift lever in D or S.
- The brake pedal is depressed while driving with the shift lever in D or S.

Gasoline engine operation in EV mode or AUTO EV/HV mode

Even if there is a sufficient amount of electricity remaining in the hybrid battery (traction battery) and EV driving range is being displayed on the multi-information display, EV driving (driving using only the electric motor) may be canceled and both gasoline engine and electric motor are used depending on the situation (EV driving will be returned to automatically after EV driving becomes possible again).

EV driving may be canceled automatically in the following circumstances*1:

- When vehicle speed is more than approximately 84 mph (135 km/h).
- When power is needed temporarily, for example when the accelerator pedal is depressed firmly or when accelerating suddenly.*2
- When the temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- When the temperature of the hybrid system is low.
- When the heater is switched on when the outside temperature is below about 14°F (-10°C).
- When the windshield defogger switch is pressed.
- When the system determines that the gasoline engine needs to be started.

*1: The gasoline engine may also operate in circumstances other than those listed above, depending on conditions.

*2: When driving in AUTO EV/HV mode. Even in EV mode, the gasoline engine may start, depending on the condition of the hybrid battery (traction battery).

Conditions in which the gasoline engine may not stop

The gasoline engine starts and stops automatically. However, it may not stop automatically in the following conditions*:

- During gasoline engine warm-up
- During hybrid battery (traction battery) charging
- When the temperature of the hybrid battery (traction battery) is high or low
- When the windshield defogger switch is pressed.

*: Depending on the circumstances, the gasoline engine may also not stop automatically in situations other than those above.

WARNING

While driving

The driver should pay extra attention to pedestrians when the vehicle is powered only by the electric motor (traction motor). As there is no engine noise, the pedestrians may misjudge the vehicle's movement. Even though the vehicle is equipped with the Acoustic Vehicle Alerting System, drive with care as pedestrians in the vicinity may still not notice the vehicle if the surrounding area is noisy.

NOTICE

DC/DC converter air intake vent

- Make sure not to block the air intake vent with anything, such as a seat cover, plastic cover, or luggage. Blocking the air intake vent may prevent the plug-in hybrid system from operating properly.
- When dust etc. has accumulated in the air intake vent, clean it with a vacuum cleaner to prevent the vent from clogging.
- Do not wet or allow foreign substances to enter the air vent as this may cause a short circuit and damage the DC/DC converter.
- Do not carry large amounts of water such as water cooler bottles in the vehicle. If water spills onto the DC/DC converter, the converter may be damaged. Have the vehicle inspected by your Toyota dealer.
- A filter is installed to the air intake vent. When the filter remains noticeably dirty even after cleaning the air intake vent, filter cleaning or replacement is recommended. When cleaning the filter, refer to "OWNER'S MANUAL".
- If "Maintenance required for DCDC converter cooling parts See Owner's Manual" is shown on the multi-information display, the air intake vent and filter may be clogged. Refer to "OWNER'S MANUAL" for information on how to clean the air intake vent.

NOTICE

Notice about fuel

- For Plug-in Hybrid Electric Vehicles, fuel may remain in the tank for a long time and undergo changes in quality depending on how the vehicle is used. Refuel at least 5.3 gal. (20 L, 4.4 Imp.gal.) of fuel every 12 months (refuel a total of at least 5.3 gal. [20 L, 4.4 Imp.gal.] over a 12-month period), as this may affect components of the fuel system or the gasoline engine.
- If the vehicle has not been refueled for a certain amount of time and it is possible that the quality of the fuel remaining in the tank has changed, “No New Fuel has been Added Recently Please refuel” is displayed on the multi-information display when the power switch is turned to ON. If the message is displayed, refuel the vehicle immediately.

Your Toyota dealer

Your Toyota dealer will provide quality maintenance and any other assistance you may require.
If there is not a Toyota dealer near you, please call the following number:

■ **U.S. OWNERS**

- In the U.S. mainland or Canada:
  Toyota Customer Experience Center
  1-800-331-4331 (Toll-Free)
- In Hawaii:
  Servco Automotive Customer Services
  1-888-272-5515 (Toll-Free)

■ **CANADIAN OWNERS**

- In Canada or the U.S. mainland:
  Toyota Canada Customer Interaction Centre
  1-888-TOYOTA-8 or **1-888-869-6828** (Toll-Free)

Please access our **websites** for further information.

- The U.S. mainland: **www.toyota.com**
- Hawaii: **www.toyotahawaii.com**
- Canada: **www.toyota.ca**

©2023 TOYOTA MOTOR CORPORATION
All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of Toyota Motor Corporation.

メU-4

Publication No. OM42F79U
Part No. 01999-42F79
Printed in Japan 01-2310-00 0
ラブ4 プライム Quick Guide (北米U)