RAV4 Plug-in Hybrid 2026

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.

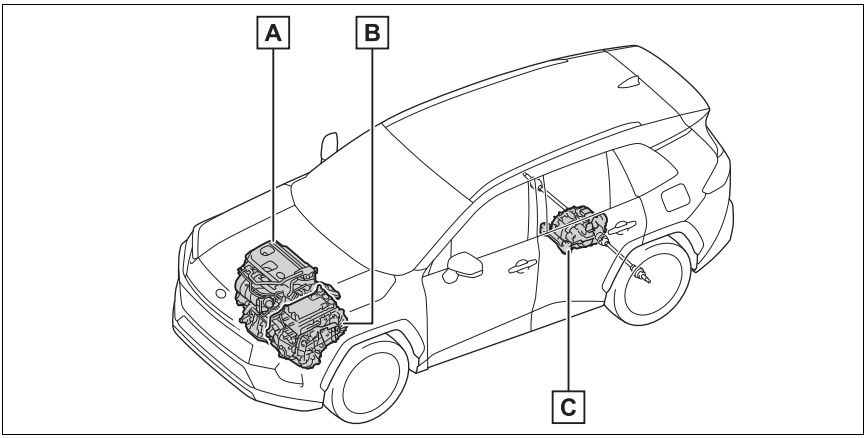
Depending on specifications, the vehicle shown in the illustration may differ from your vehicle in terms of equipment.

Plug-in hybrid system features

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

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

*: The EV driving range varies in accordance with conditions such as vehicle speed, the amount of remaining charge of 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

AC charging

This is a charging method used when charging from an AC outlet with the AC charging cable or charging that use an AC charger.

By setting charging schedule, it is also possible to charge at the desired date and time.

DC charging (vehicles with DC charging system)

This is a charging method that uses a DC charger that complies with SAE J 1772. The hybrid battery (traction battery) can be charged in a shorter time than AC charging.

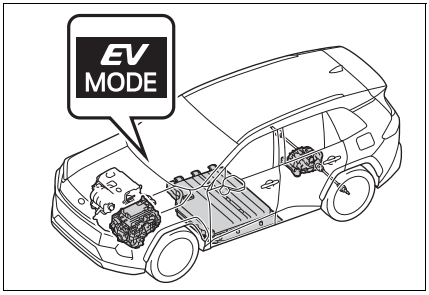
SAE is an abbreviation for an industrial standard issued by the Society of Automotive Engineers.

Plug-in hybrid system operation mode

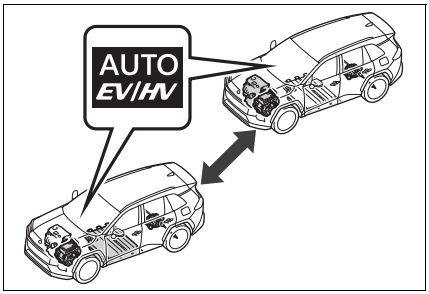
EV mode

When charging is performed and there is sufficient remaining charge in the hybrid battery (traction battery), EV driving will be performed using the remaining charge of the hybrid battery (traction battery).

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



AUTO EV/HV mode

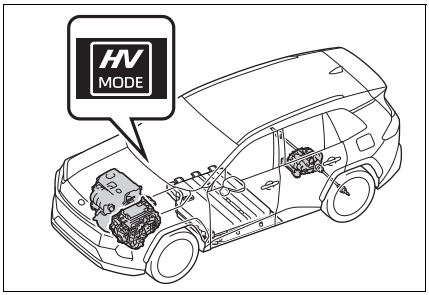


Normally, the electricity stored in the hybrid battery (traction battery) is used for EV driving. However, when a large amount of power is required, such as driving uphill or accelerating suddenly, and you strongly depress the accelerator pedal, the gasoline engine will start to provide powerful acceleration.

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 gasoline engine and electric motor.

- If remaining charge for EV driving in EV mode or AUTO EV/HV mode is not enough, 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 remaining charge for EV driving etc. Switching to HV mode when driving on a highway or when driving uphill is recommended in order to reduce power consumption.

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

Switching the plug-in hybrid system operation modes

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

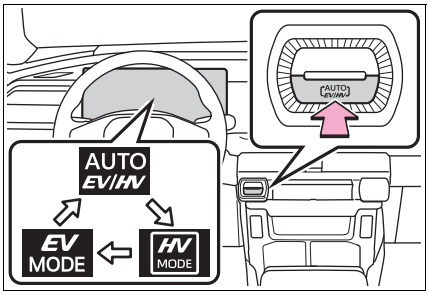
■ Switching the plug-in hybrid system operation modes

Press the EV/AUTO/HV mode switch to change modes.

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.



*: If there is not enough remaining charge of the hybrid battery (traction battery) for EV driving, it will not be switched to AUTO EV/HV mode or EV mode.

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

If there is not enough remaining charge of the hybrid battery (traction battery) for EV driving, it will not be switched to AUTO EV/HV mode or EV mode. (In this case, the warning message is displayed on the multi-information display when the switch is pressed.)

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

When the power switch is turned off, the switching of the operation mode will be canceled, and it will return to EV mode when the hybrid system is started again.*

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

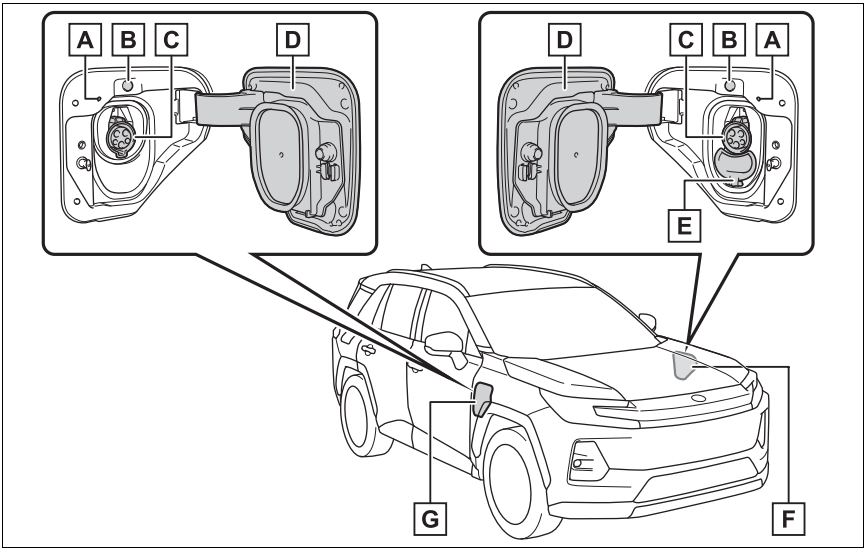
Acoustic Vehicle Alerting System

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 may also be heard inside the vehicle.

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

Charging equipment

Charging equipment and names



- A Charging indicator/ Charging inlet light
- B Connector unlock switch
- C AC charging inlet
- D Charging port lid
- E DC charging inlet (if equipped)
- F AC/DC Charging port (vehicles with DC charging port)
- G AC Charging port (vehicles without DC charging port)

Opening and closing the charging port lid

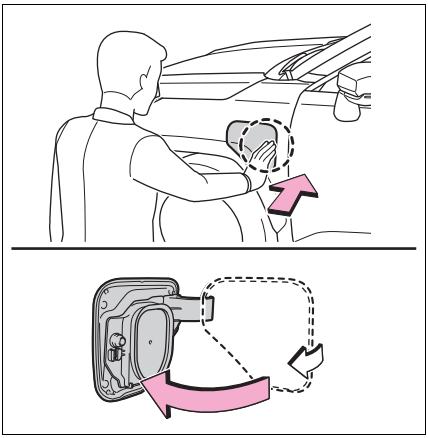
■ Open

Unlock the charging port lid by unlocking the doors.

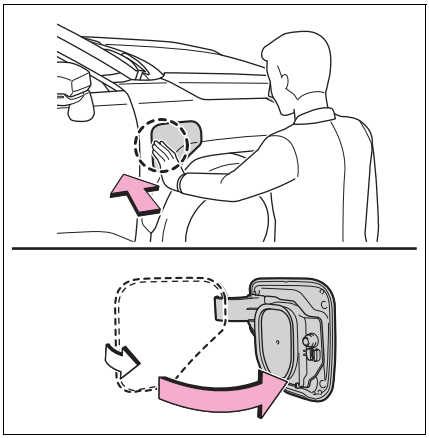
Slightly open the charging port lid by pressing the rear edge of it (the position shown in the illustration).

Fully open the charging port lid by hand.

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port

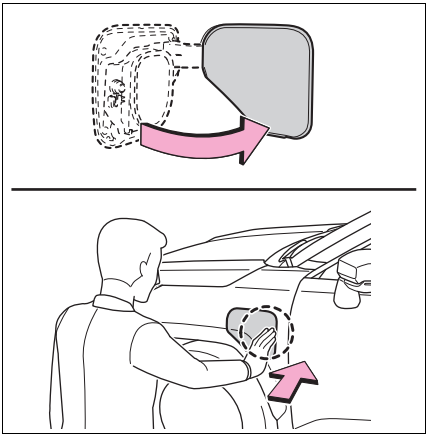


■ Close

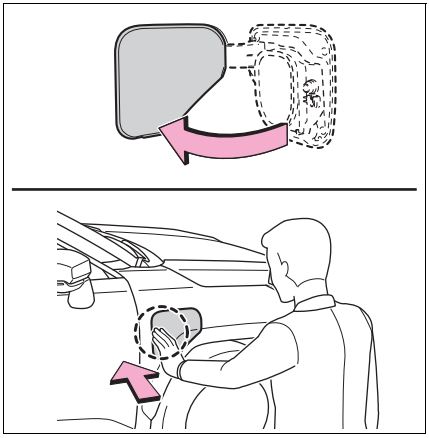
Move the charging port lid to the slightly open position and then press the rear edge (the position shown in the illustration) to close it.

Charging port lid also locks when the doors are locked.

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port

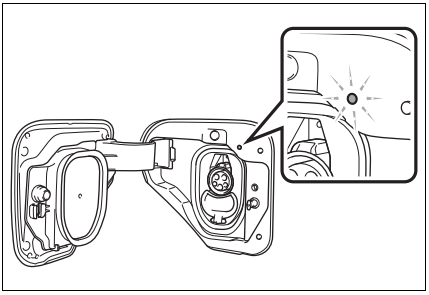


Charging indicator

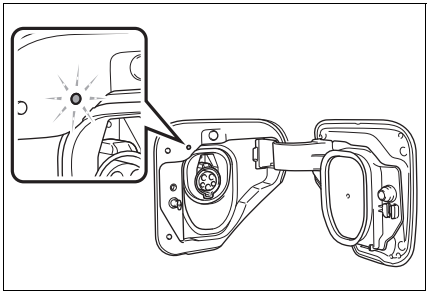
The illumination/flashing pattern changes to inform the user of the charging status.

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

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port



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 with the power switch off, the current charging condition and approximate time remaining until charging is complete are displayed for a certain period of time.

The actual charging time and charging power may differ depending on conditions such as the remaining capacity of the hybrid battery (traction battery), outside temperature, and specifications of the charger.

The time until charging completed may not be displayed if the charging current to the hybrid battery (traction battery) becomes smaller and the charging time becomes longer.

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.

When a message is displayed, follow the instructions displayed on the screen.

Things to know before charging

WARNING

Charging precautions

This vehicle has been designed to allow charging from an external power source using an AC charging cable for exclusive use with standard household AC sockets. 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.
- Depending on the charging environment, perform charging outdoors.

NOTICE

Charging precautions

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.
- When charging with a charger, follow the procedures for using each charger.

Confirm the following before charging

Before charging, always check the following items.

- The parking brake is applied.
- The power switch is turned to OFF.
- 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.

■ **During charging**

- The charging starting time may differ depending on the state of the vehicle, but this does not indicate a malfunction.
- During charging, sounds may be heard from near the hybrid battery (traction battery) in accordance with the operation of the battery cooler.
- Depending on radio wave conditions, interference may be heard on the radio.

■ **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” or “Ignore schedule” 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.

How to use AC charging

NOTICE

When using the AC charging related parts

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

- When removing the AC charging cable, check that the charging connector is unlocked.
- 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.
- Do not disassemble, repair or modify the AC charging inlet. When the AC charging inlet needs to be repaired, contact your Toyota dealer.

When charging

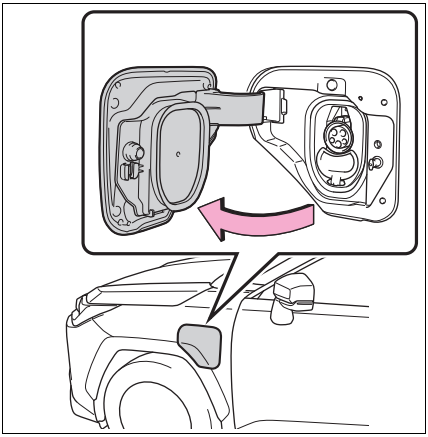
1 Insert the AC charging cable into the electrical socket of the external power source.

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

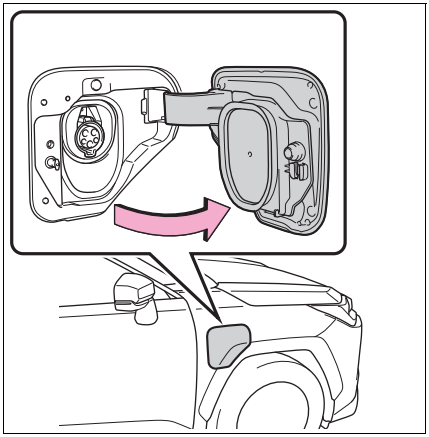
When the remote switch is equipped, turn it on.

2 Unlock the doors and open the charging port lid.

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port



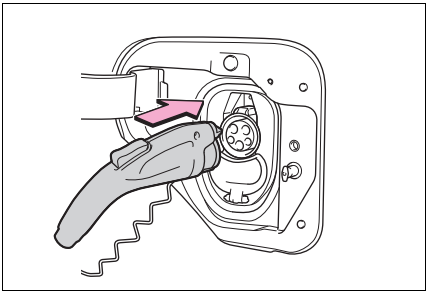
3 Insert the AC charging connector into the AC charging inlet.

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

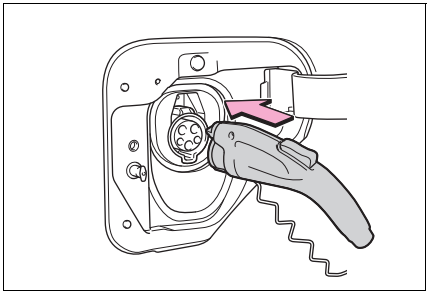
Once a click sound is heard, check that the AC charging connector is securely locked.

When the AC charging connector is inserted straight as far as possible, it will automatically lock.

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port



4 Confirm that the charging indicator of the charging port is flashing in green.

Charging will not start if the charging indicator does not flash in green when the charging connector is inserted.

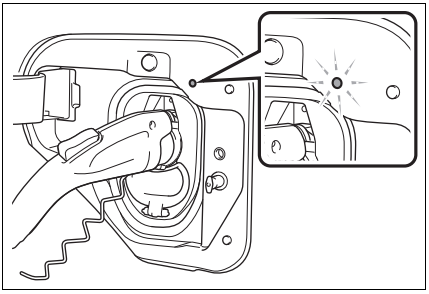
Charging will not start if the charging connector is not locked. However, depending on the type of the AC charger of the public charging station, the charging connector will not be locked if the operation to start the charging is not performed.

If the charging indicator is illuminated in blue, the charging schedule is registered.

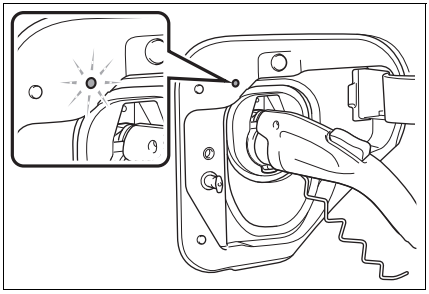
When charging is completed, the charging indicator will be illuminated in green for certain period of time and then turn off.

The charging indicator will also turn off when charging is stopped for some reason before completion. In this case, refer to “OWNER’S MANUAL”.

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port



■ 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 flashes in green.

WARNING

When charging

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

- 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 AC charging connector.
- Do not touch the terminals of the AC charging connector and AC charging inlet with a sharp metal objects (needles etc.) or hands, or short them with foreign objects.
- 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 charge the vehicle during a lightning storm.
- Prevent the AC charging cable from being caught in the door or back door.
- Do not connect conversion adapters between the AC charging connector and AC charging inlet.
- Make sure to connect the AC charging cable to a socket within reach and do not use an extension cord.
- 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.

Onboard traction battery charger

The onboard traction battery charger is located the engine compartment. 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, contact your Toyota dealer.

NOTICE

When charging

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

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 charging operation may stop.

Noise may be heard from around the engine compartment, even if charging can be continued.

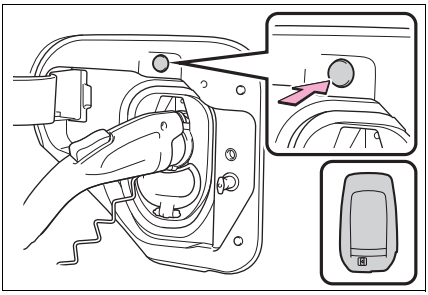
Charging station

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 charging operation may stop.

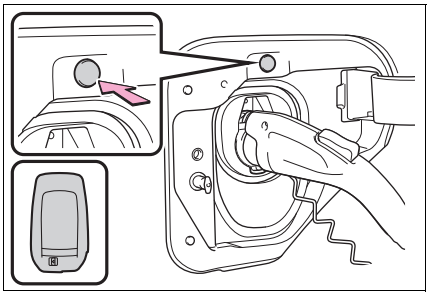
After charging

1 Press the connector unlock switch to unlock the AC charging connector.

▶ Vehicles with DC charging port



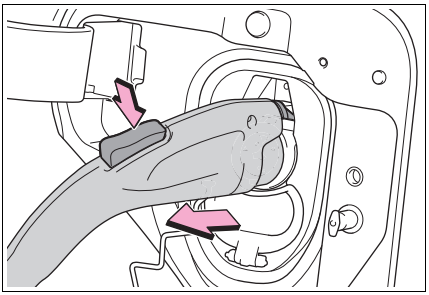
▶ Vehicles without DC charging port



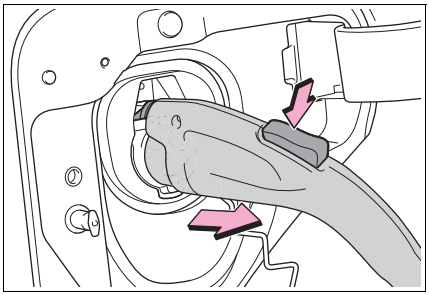
2 Pull the charging connector towards you while pressing the latch release button.

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

▶ Vehicles with DC charging port



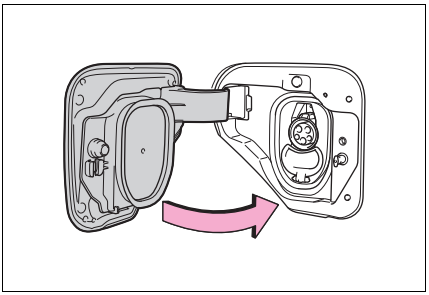
▶ Vehicles without DC charging port



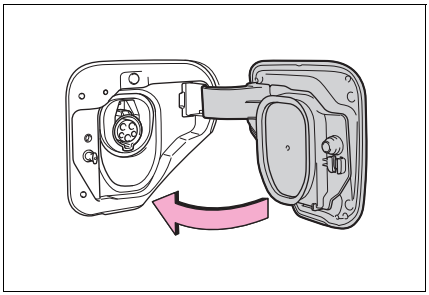
3 Close the charging port lid.

Lock the doors to lock the charging port lid.

▶ Vehicles with DC charging port



▶ Vehicles without DC charging port



NOTICE

After charging

After removing the AC charging connector from the AC charging inlet, make sure to close the charging port lid.

If the charging port lid is left open, water or foreign objects may enter the AC charging inlet, which could lead to vehicle damage.

Using the charging schedule function

Settings of the charging schedule function

AC 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 time”/“Start-Stop” or “End time”)
- Repeated setting
- Turning “Charge Now” or “Ignore schedule” on and off
- “Next Event”

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

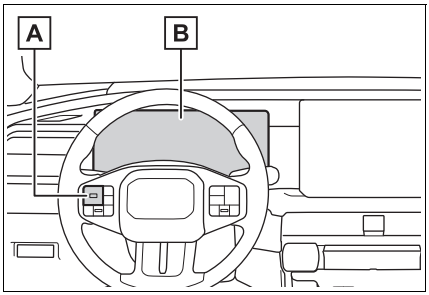
The charging schedule can be registered on the multi-information display or Multimedia Display.

Setting operations on multi-information display

When operating charging schedule, use the meter control switches.

A Meter control switches

B Multi-information display



■ Registering the charging schedule

1 Press ^ or v with the cursor on the content display area (left), then select ⚙ and press OK.

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

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

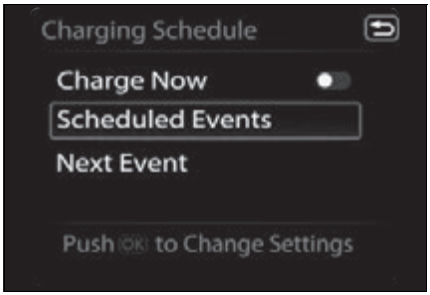
The “Charging Settings” screen will be displayed.

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

The “Charging Schedule” screen will be displayed.

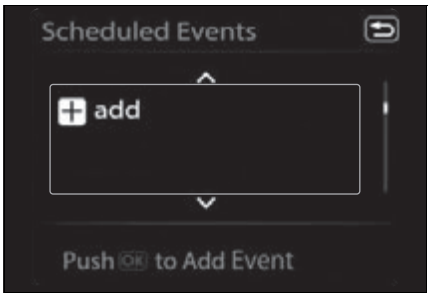
5 Press ^ or v of the meter control switches to select “Scheduled Events”, and then press OK.

The “Scheduled Events” screen will be displayed.



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

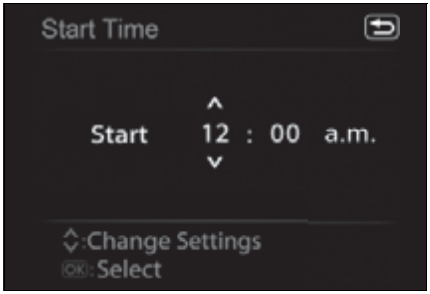
The “Charging mode” screen will be displayed.



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

Set the time that is desired to start the charging when charging mode is “Start”.
Set the time that is desired to start and completion time when charging mode is “Start-Stop”.

8 Press < or >, and ^ or v on the meter control switches to set the desired charging time, then press OK.



If you selected the charging mode “Start-Stop” in step 7, continue to set the stop time.

9 To activate the repeated setting, press ^ or v of the meter control switches to select the desired day to activate for the repeated setting, and then press OK.

Each time OK is pressed, the repeated setting switches between on and off.
When set to on, the charging schedule is repeated on that day. It is possible to set more than one day to on.
After changing the settings to the desired settings, select “Done”, and then press OK.

A screen where the settings can be saved will be displayed.

10 Select “Save” and press OK to save the settings.

The settings will be saved.
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.

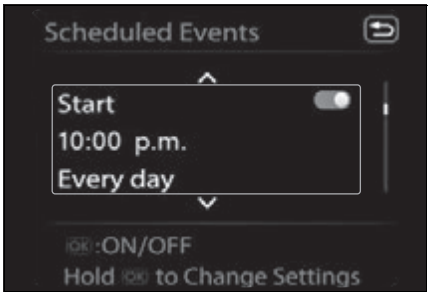
1 Display the “Charging Schedule” screen. (→P. 20)

2 Select “Scheduled Events” and then press OK.

A list of the registered charging schedule will be displayed.

3 Press ^ or v of the meter control switches to select the item to operate, press and hold OK and perform the necessary operation.

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



Setting operations on the Multimedia Display

For details on how to operate the Multimedia Display, refer to “MULTIMEDIA OWNER’S MANUAL”.

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

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

■ Displaying the “Schedules” screen

1 Turn the power switch to ON.

It is not possible to control the Charging Schedule settings in Accessory Mode.

2 Select ⚡ on the main menu.

3 Select “Schedules”.

The “Schedules” screen will be displayed.

■ Registering the charging schedule

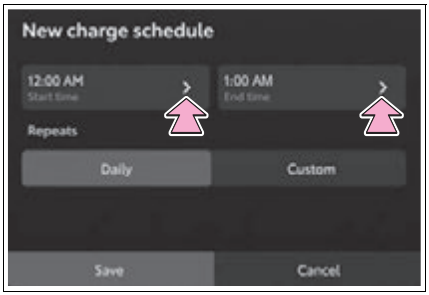
1 Display the “Schedules” screen. (→P. 22)

2 Select “Create schedule” or “Add charge schedule”.

The “New charge schedule” screen will be displayed on the screen.

3 Select the charging mode.

Select the switch in the row of the “Start time” or “End time”.



4 Operate the screen and select desired time.

When the charging mode is “Start time”, set the charging start time.

When the charging mode is “end time”, also set the charging stop time.

5 When activating the repeated settings, select the desired day.

Each time the day is selected, the repeated setting for the selected day switches between on and off.

When turned on, the check box is highlighted and the charging schedule is repeated on that day. It is possible to turn more than one day on.

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

The charging schedule list is added to the “Schedules” screen.

■ Changing the registered charging schedules

1 Display the “Schedules” screen. (→P. 22)

2 To change the registered charging schedule, select the desired charging schedule.

● Changing registered items:

Change the desired settings as described starting from step 3 of the “Registering the charging schedule” procedure. (→P. 23)

● Deleting registered item:

Select “Delete”.

A deletion confirmation message will be displayed.

Select “Delete” to delete the selected charging schedule.

How to use DC charging*

*: Vehicles with DC charging system

WARNING

■ When using a DC charger

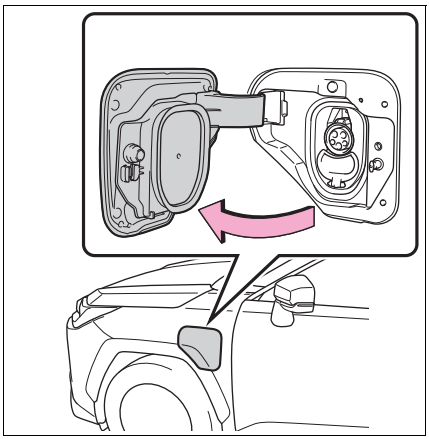
Observe the following precautions.
Failure to do so may cause an unexpected accident, resulting in death or serious injury.

- Use a SAE J 1772 compliant DC charger.
- Do not use the charging cable longer than 30 meters.

When charging

1 Unlock the doors and open the charging port lid.

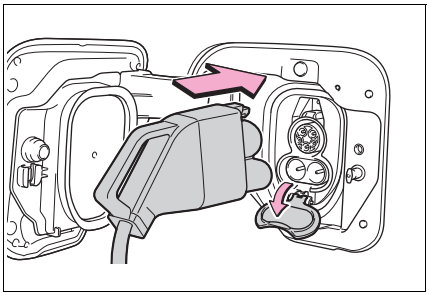
2 Open the DC charging inlet cover.



3 Insert DC charging connector firmly and fully into the DC charging inlet.

Insert the DC charging connector and it will lock automatically.

The DC charging connector shape and treatment will differ depending on the type of DC charger. Perform the operations in accordance to handling procedures of the DC charger.



4 Operate the DC charger and start the charging.

Follow the handling procedures of the DC charger to start charging.

Charging starts after a system check is done.

Stop the charging in accordance to the handling procedures of the DC charger when it is desired to interrupt the DC charging.

During DC charging

- The current charging condition can be checked on the multi-information display.
- The actual charging time may differ from that displayed on the DC charger during charging.
- There may be occasions the radio cannot be heard due to noise occurrence during DC charging.
- As the hybrid battery (traction battery) approaches full charge, the charging speed will decrease and it will take longer to complete charging.
- Depending on the specifications of the charger, charging will stop before fully charging.
- The time to complete charging may change, or charging may stop before reaching the upper limit of the charge capacity, due to the remaining charge of the hybrid battery (traction battery), the outside temperature, the specifications of the charger, etc.
- It is recommended to avoid frequent DC charging to prevent a decline in the hybrid battery (traction battery) capacity.
- Quickly move from the DC charging space for other users after the DC charging is completed.
- If DC charging is performed while the hybrid battery (traction battery) is extremely cold, such as in cold weather, steam may come out of the engine compartment or dew may be formed on the hood. This is because the heat, generated while the hybrid battery (traction battery) is warmed, causes snow, ice, or frost to evaporate. This is not a malfunction.
- The charge amount is corrected when the hybrid battery (traction battery) is fully charged, so 100 % charge remaining on the hybrid battery (traction battery) may not be displayed.
- While DC charging, when the hybrid battery (traction battery) is approximately fully charged, it may be indicate that the remaining charge of the hybrid battery (traction battery) is at 100 % due to the level of charge is corrected, causing charging to stop.

WARNING

Warnings for DC charging

Be sure to observe the following when using DC charging.
Failure to do so may cause an accident that could lead to death or serious injury.

- Check that the DC charger and DC charging inlet are not damaged.
  If there is any damage to the DC charging inlet, do not perform a DC charge and have it inspected immediately at your Toyota dealer.
- Do not touch the terminals of the DC charging connector or inlet with metallic sharp tips (wires and needles), or allow a short circuit to occur with foreign objects.
- Do not insert anything other than the DC charging connector into the DC charging inlet.
- Check that the DC charging cable is not coiled up or pinned underneath heavy objects.
- Be sure the DC charging inlet makes direct contact with the DC charging connector. Do not connect conversion adapters, extension cords, etc., between the DC charging connector and DC charging inlet.
- When DC charging is interrupted, follow the handling procedures of the DC charger. Immediately stop the DC charging when there is an outbreak of heat, smoke, strange noises or smells, etc., during charging.
- Check that the DC charging connector and DC charging inlet do not have foreign objects or snow or ice attached to it. If anything is attached to the inlet, be sure to completely remove the material before connecting the DC charging connector.
- Do not charge the vehicle when there is a possibility of lightning. If you notice lightning while charging the vehicle, do not touch the vehicle and the DC charging cable.
- Do not get the DC charging inlet terminals wet.
- Close the hood when using DC charging. The cooling fans may suddenly start to run. Keep hands and clothing (especially a tie, a scarf or a muffler) away from the fans. Failure to do so may cause the hands or clothing to be caught, resulting in serious injury.

WARNING

When connecting the DC charging connector

- Follow the handling procedures of the DC charger to connect the DC charging connector. If the connector is not connected properly, the system cannot recognize the connection, and it may be possible to start the hybrid system.
- Do not remove the DC charging connector from the DC charging inlet during DC charging. After operating the DC charger to stop charging, remove the DC charging connector from the DC charging inlet.

NOTICE

When using DC charging

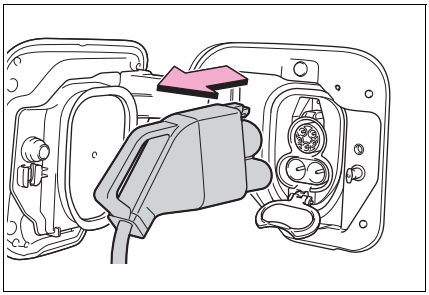
Make sure to follow the handling procedures of the DC charger. If the procedures are not followed properly, the vehicle and the DC charger may be damaged.

After charging

1 Operate the DC charger and stop the charging.

The DC charging connector will be unlocked automatically when charging is completed.

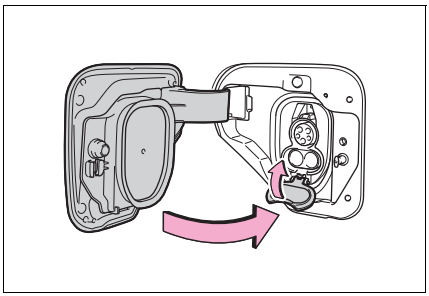
2 Remove the DC charging connector.



The DC charging connector shape and treatment will differ depending on the type of DC charger. Perform the operations in accordance to handling procedures of the DC charger.

Return the removed DC charging connector to its original position.

3 Close the DC charging inlet cover and close the charging port lid.



WARNING

■ Caution after DC charging

After charging is completed, make sure to remove the DC charging connector from the DC charging inlet before starting the hybrid system.

If the vehicle is started off with the connector still connected, it could lead to an accident, possibly resulting in death or serious injury.

NOTICE

■ Precautions after DC charging

Be sure to close the DC charging inlet cap, and then close the charging port lid after removing the DC charging connector from the inlet.

Using “My Room Mode”

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

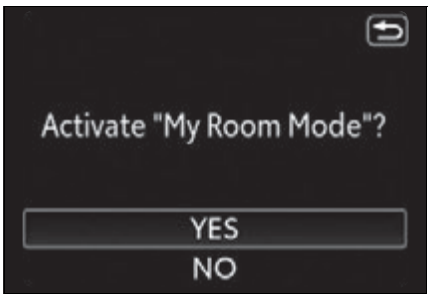
Starting “My Room Mode”

1 Connect the AC charging cable or DC 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 ∨ 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.

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 that case, 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.
- 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 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 charge remaining in the hybrid battery (traction battery) and EV driving range is displayed on the instrument cluster, EV driving (driving only using the electric motor) may be canceled and both gasoline engine and electric motor will be used (When EV driving becomes possible again, it will automatically return to EV driving).

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

When driving the vehicle

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

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.

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