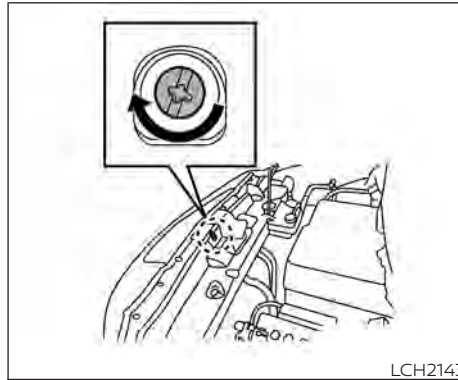


## CHARGING METHODS

### NOTE:

- Depending on the charging station, the lock mechanism established by local standards may not be compatible with your vehicle. It may not be possible for the charge connector to lock to your vehicle.
- When the power source is cut off while charging in AUTO mode, the connector will be continuously locked for 5 minutes, then it will be released.
- When timer charging is set with AUTO mode, the connector will not lock until charging is started.
- When the following system(s) are operated individually or the 12-volt battery is being charged, the charging connector lock will not lock:
  - Climate Ctrl. Timer
  - Remote climate control (if so equipped)
  - Li-ion battery warmer (if so equipped)



If the charge connector cannot be unlocked

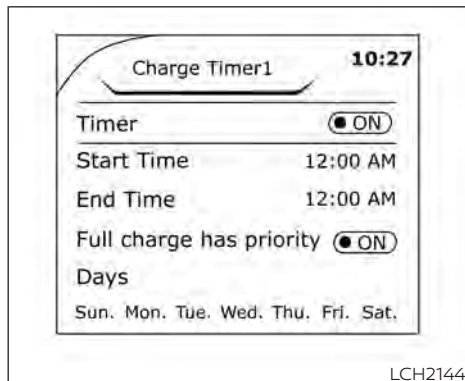
1. Place power switch in the OFF position.
2. Open the hood.
3. Insert a flat head screwdriver or suitable tool into the screw that is located on the front of the hood lock.
4. Turn it clockwise to release the charge connector lock.
5. Remove the charge connector.

### CHARGING TIMER

Use charging timer to schedule when the Li-ion battery charges. The vehicle automatically begins charging at the scheduled times when the charge connector is connected to the vehicle. The timers do not need to be reset each time the Li-ion battery needs charging.

The charging timer can save two timer settings that include the charging start time and end time. The charging timer can be applied to the timer settings for each day of the week (models with Navigation System).

The vehicle automatically begins charging at the scheduled times when the charge connector is connected to the vehicle. The timers do not need to be reset each time the Li-ion battery needs to be charged.



1. Press the ▲ ▼ button to select "EV settings" and then press the OK button.
2. Press the ▲ ▼ button to select "Charge Timer1" or "Charge Timer2" and then press the OK button.
3. Press the ▲ ▼ button to select "Timer" and then press the OK button. The indicator light will turn on when the timer setting is turned on.
4. Press the ▲ ▼ button until to select "Start time" and then press the OK button.

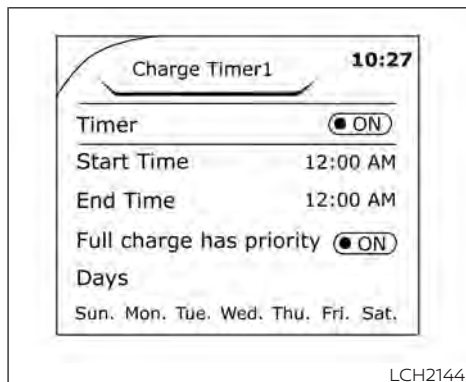
5. Press the ▲ ▼ button to set "Hour" and then press the OK button.
6. Press the ▲ ▼ button to set "Minute" and then press the OK button.
7. Press the ▲ ▼ button to select "End time" and then press the OK button.
8. Press the ▲ ▼ button to set "Hour" and then press the OK button.
9. Press the ▲ ▼ button to set "Minute" and then press the OK button.
10. Models with Navigation System: Press the ▲ ▼ button to select the days of the week you wish to activate the charging timer and then press the OK button. Press the Back button to return to the previous display.
11. After the setting is complete, place the power switch in the OFF position, and then connect the charge connector to the vehicle.

**NOTE:**

- Always place the power switch in the OFF position after setting the charging timers. When the power switch in the ON position, the Li-ion battery will not start charging.

- Charging stations that are used to perform normal charging may be equipped with timer functions. If the charging timer function and the vehicle timer are both set, and the two timers are not set to operate at the same time, it is possible that the charger will not start or the battery will not be charged to the level expected.
- The Li-ion battery may not charge to the expected level using the charging timer while the Li-ion battery warmer (if so equipped) operates.
- Charging timer is performed according to the current time setting of the clock on the vehicle information display. When setting the charging timer function, be sure to check that the current time displayed is correct.
- To turn off the charging timer function, select "Timer" on the charge timer display (vehicle information display) using the ▲ ▼ button and press the OK button to turn off the indicator light. The start and end time settings are not deleted, even if the charging timer function is turned off.

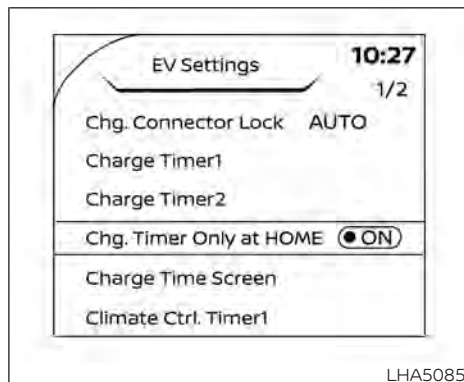
- If the day of the week is not selected on the timer charge setting screen, the charging timer will not operate on that day. The system will wait until the next set charging time to perform charging (models with Navigation System).

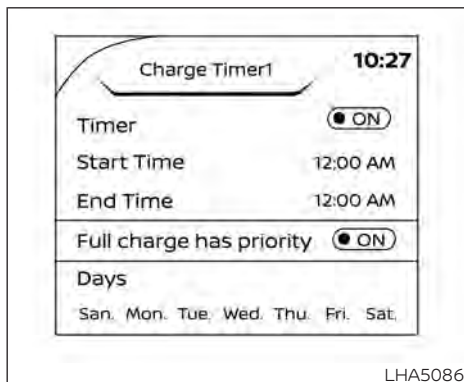


Timer Charge setting screen

### **Chg. Timer Only at HOME (models with Navigation System)**

If you register your home in the navigation system and turn on "Chg. Timer Only at HOME," the timer charging is applied only when the normal or trickle charge is performed at home. For additional information, refer to the NissanConnect® Manual (for Leaf) for the registration. When the charging is performed at a place other than home, the charging automatically starts when a normal or trickle charge connector is connected to the vehicle.



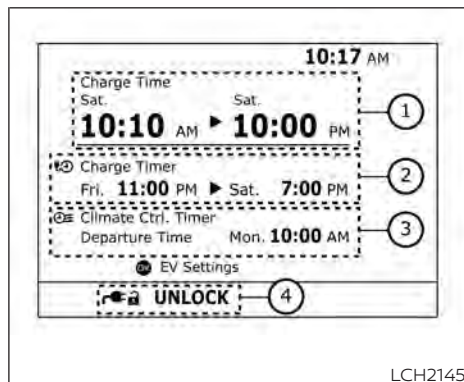


#### NOTE:

If "Full charge has priority" is turned on, it is possible that the battery is not charged fully by the charge end time due to the operating condition of Climate Ctrl. Timer and the tolerance of charging time, etc. In that case, the charging continues until the Li-ion battery is fully charged.

#### TIMER DISPLAY

The timer display appears for approximately 30 seconds when the power switch is placed in the OFF position.



#### Full charge has priority

If "Full charge has priority" is turned on, the charge start timer will be advanced if the fully charged condition of the Li-ion battery cannot be achieved during the start time to end time interval. If the fully charged battery condition cannot be achieved, the charge continues until the battery is fully charged.

#### ① Charging time

The estimated time of charging the Li-ion battery (start time and end time) is displayed.

- When the charging timer is set, the charging system calculates the estimated time to charge the Li-ion battery based on the electrical power supplied in the last charging using the timer, and the start time and end time are displayed.

- The estimated time may be recalculated depending on the actual electrical power after the charge cable is connected. Although the estimated time may be different from the time that was displayed when the power switch was placed in the OFF position, this is not a malfunction.
- When the charging timer is set to OFF, the estimated end time to charge the Li-ion battery to a full level in the case of performing the immediate charge. The end time is calculated based on the electrical power selected in the "Charge Time Screen".
- When the Li-ion battery was fully charged, the charging time will be displayed as "--:--".

#### ② Charging timer setting status

When the charging timer is set, the start time and end time of the charging using the timer are displayed

#### ③ Climate Ctrl. timer setting status

When the Climate Ctrl. timer is set, the departure time (end time) set for the Climate Ctrl. Timer is displayed.

#### ④ Charge connector lock setting status

The current mode of the charge connector lock (AUTO, LOCK or UNLOCK) is displayed. For the charge connector lock operation, see "Charge connector lock system" in the "Charging" section of this manual.

When the OK button on the steering wheel is pressed, the display will be switched to the "EV Settings" menu. In the EV Settings, the setting of the charging timer, Climate Ctrl. timer and charge connector lock mode can be changed. Refer to "Vehicle information display" in the "Instruments and controls" section of this manual for the settings menu of the vehicle information display.

When the ▲ ▼ button on the steering wheel is pressed while the timer display is shown, the display is switched to the ECO Drive Report (if the vehicle was driven).

Either display will continue to be displayed for another 30 seconds when the button is operated. If the doors are locked after the power switch was placed in the OFF position, the display will turn off before the pre-set time.

For models with Navigation System, the day of the week is displayed with the time (hour and minute) in each information ① - ③.

In addition to the above, note the following conditions for the charging time ① information:

- The charging time is displayed by the 10 minutes. If the estimated charging time is longer than 24 hours, "Over 24h" is displayed.
- When the charging is set to start immediately after connecting the charge connector to the vehicle, the start time is displayed as "Charge Now".
- While being charged, the time when the charging has actually started is displayed as the start time. The end time is displayed according to the estimated charging time that was calculated based on the electrical power being supplied.
- For models with Li-ion battery warmer, the charging system calculates the electrical power used by the battery warmer when the Li-ion battery temperature is low, and longer charging time will be displayed.

- When "Chg. Timer Only at HOME" is set to ON (models with Navigation System) in the EV Settings, the start time is displayed only when the power switch is placed in the OFF position at home. If the power switch is placed in the OFF position other than at home, the immediate charge mode is selected and "Charge Now" will appear as the start time.
- When "Full charge has priority" is set to ON in the EV Settings and the Li-ion battery cannot be charged to a full level within the hours between the scheduled start time and end time of the charging timer, the charging time shows the time that exceeds the scheduled hours in the charging timer.
- If you need to confirm the estimated charging time depending on the available electrical power (supplied to the charger), see the Estimated Charge Time display. Refer to "Meters and gauges" in the "Instruments and controls" section of this manual.

#### NOTE:

- **The displayed end time of charging is an estimation. The Li-ion battery may not be charged to a full level by the estimated end time.**
- **If the charging timer and the Climate Ctrl. timer are set to operate at the same time, longer charging time will be displayed or the Li-ion battery may not be charged to a full level at the scheduled end time.**

#### IMMEDIATE CHARGE

When a charging timer is not turned on, charging automatically starts when a normal or trickle charge connector is connected to the vehicle.

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

1. Place the power switch in the OFF position.



2. Push the immediate charge switch.
3. Connect the normal or trickle charge cable when the charging status indicator light changes to display immediate charge mode. For additional information, refer to "Charging status indicator lights" in this section.