

How to exchange the electric water pump

1. Take out the cover in the trunk, remove the "Minus terminal" of "Sub battery".



2. Remove the "Service Plug" of the main battery.
(Caution) Electricity remains in inverter.



3. Lift up the vehicles, and remove the under cover.

4. Loosen the LLC cock, and take the LLC out. And Lift down the car.

Before lift down, do NOT forget to take out the bottom bolt of the electric water pump.
(Caution) The bolt cannot be removed unless vehicles are in lift up position.



5. Open the engine room, and remove the air cleaner.

6. Remove the connector of the electric water pump, and remove the water pump.



7. Install the new water pump, insert the connector until click, and install the air cleaner.



Torque:
long bolt (A) 26N·m
Short bolt (B) 21N·m

8. Lift up the car, and install the bottom bolt, and install yellow bolt for water drainage.

9. Lift down the car, and pour LLC. Clip the cap of reservoir tank.

10. Put back the service plug and the minus terminal of sub battery.



Minus terminal

[CAUTION]
After connecting minus terminal, make sure close it with wrench.

11. To circulate LLC, start engine. Put heater on to remove air.

You need to set maintenance mode to start engine.

<Please set to maintenance mode>

Push power switch twice without stepping on brake and turn ignition on.

① Full slot the accelerator twice, with shift P.

② Full slot the accelerator twice, with shift N.

③ Full slot the accelerator twice, with shift P.

Do these ①~③ within 10 seconds.

④ Hybrid system error will be turned on in the display.

⑤ While stepping on brake, turn power switch on.

Then "READY" lamp will turn on in the display.

<Maintenance mode off >

Turn power switch off to end maintenance mode.

Make sure that you turn the "maintenance mode" off before start driving.

12. Lift up the car, and double check whether leak has not happened.

13. Put back the cover in the trunk.