



English

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## **SWIFT K12D Model**

# **SHVS Mild Hybrid System Lithium-ion Battery (12V-10Ah) Dismantling Manual**

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**NOTICE:**

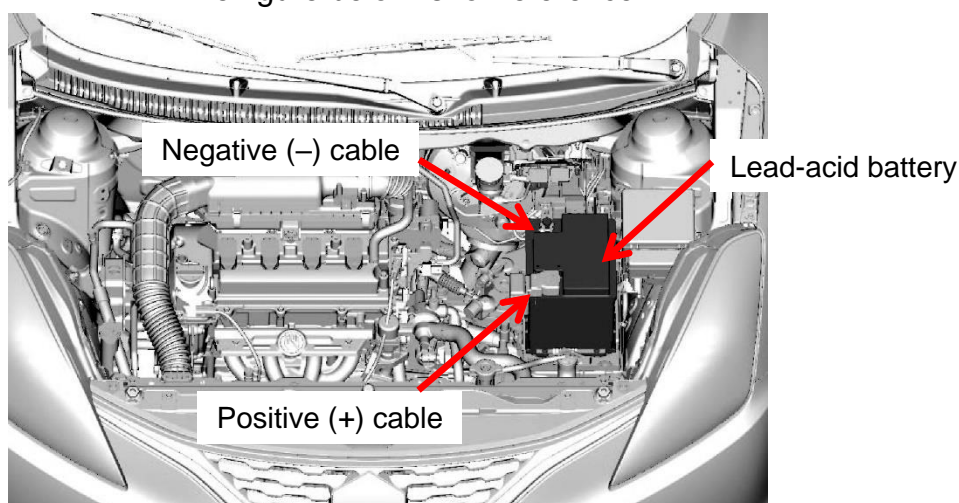
Lithium-ion battery consists of high precision parts and can be easily damaged by large shock.

Handle lithium-ion battery carefully and do not expose it to large shock.

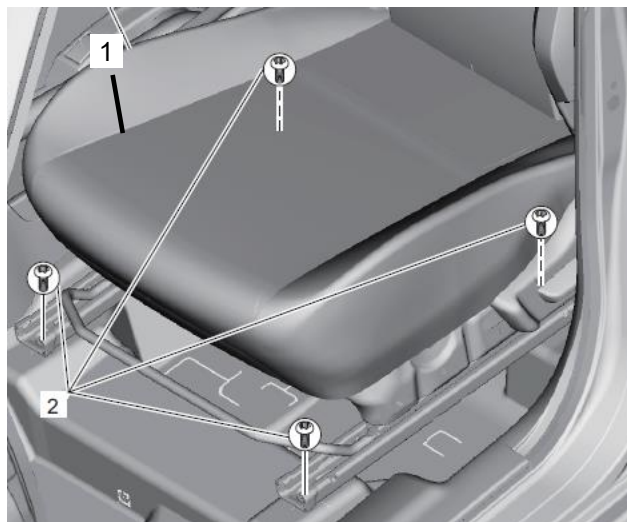
- 1) Set front wheels in straight ahead position.
- 2) Set ignition "OFF".
- 3) Disconnect the negative (-) cable from the lead-acid battery.
- 4) Disconnect the positive (+) cable from the lead-acid battery.

By disconnecting the cables from the lead-acid battery, as a safety mechanism, the lithium-ion battery will shut off its power circuit.

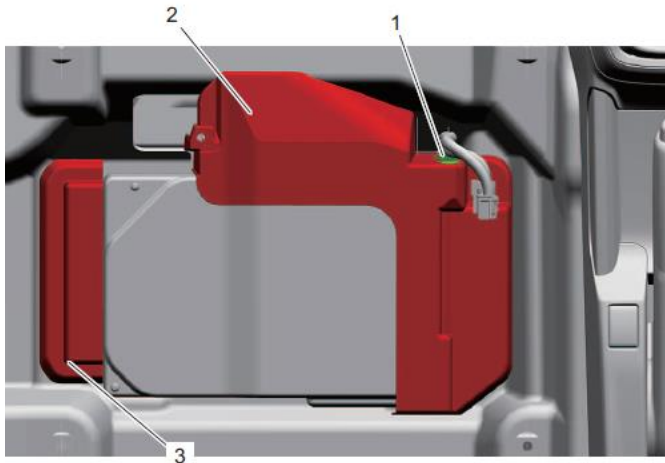
The figure below is for reference.



- 5) Wait for at least 90 seconds after performing Step 4).
- 6) For LHD, remove the driver seat. For RHD, remove the front passenger seat.  
Disconnect the connector from the seat.  
Remove the 4 mounting bolts (2) and remove seat (1).



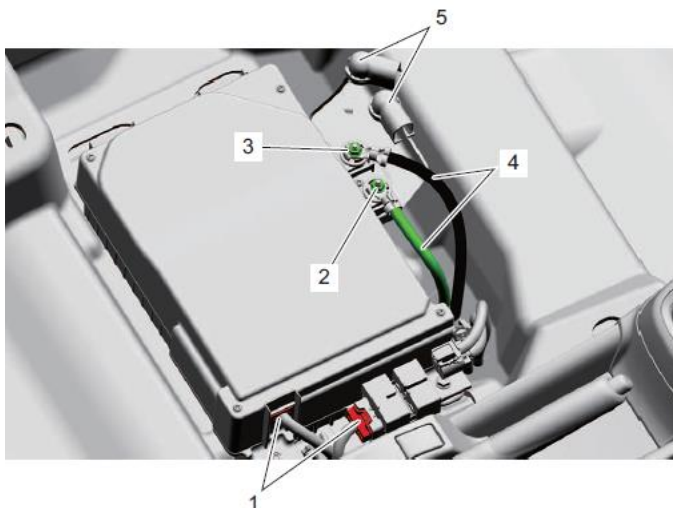
- 7) Disconnect the clamp (1) and then the remove cover No.1(2) and the cover No.2 (3).



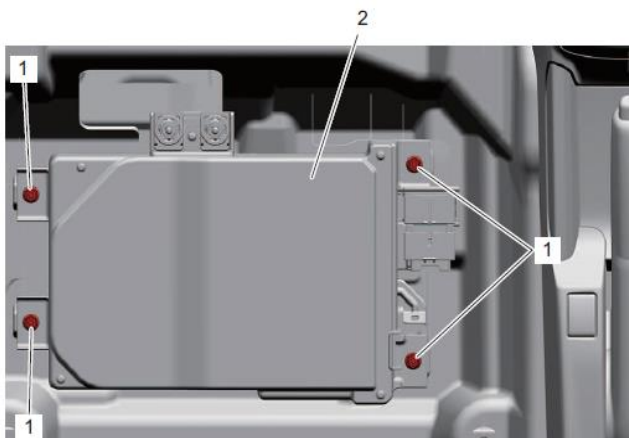
- 8) Disconnect the connectors (1).

- 9) Remove the terminal cover (5).

- 10) Remove the “Pb+” terminal nut (2) and the “ISG+” terminal nut (3), and then remove the cables (4).



- 11) Remove the bolts (1), and then remove the lithium-ion battery (2).



11) Prevention of a short circuit :

In order to prevent a short circuit, cover the +terminals and the connectors No.1/No.2 of the removed lithium-ion battery with insulating tape securely as shown below.

