



English

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## **SOLIO, HUSTLER, WAGON R**

# **Lithium-ion Battery Dismantling Manual**

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**NOTICE:**

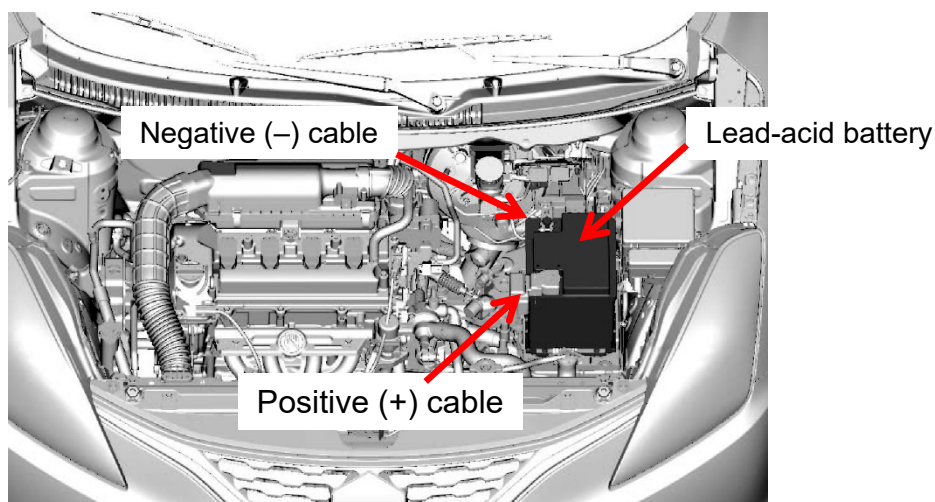
Lithium-ion Battery consists of high precision parts and can be easily damaged by large shock.

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

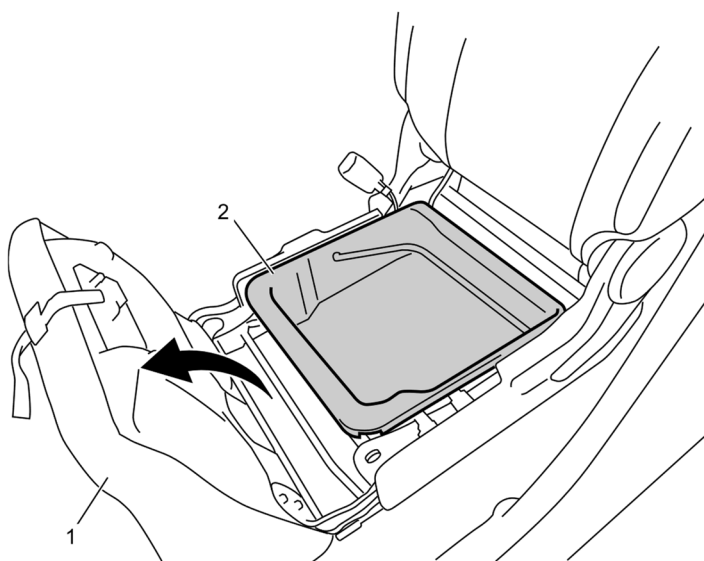
- 1) Set front wheels in straight ahead position.
- 2) Set ignition "OFF".
- 3) Disconnect the negative (-) cable from the lead-acid battery.
- 4) Disconnect the positive (+) cable from the lead-acid battery.

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.

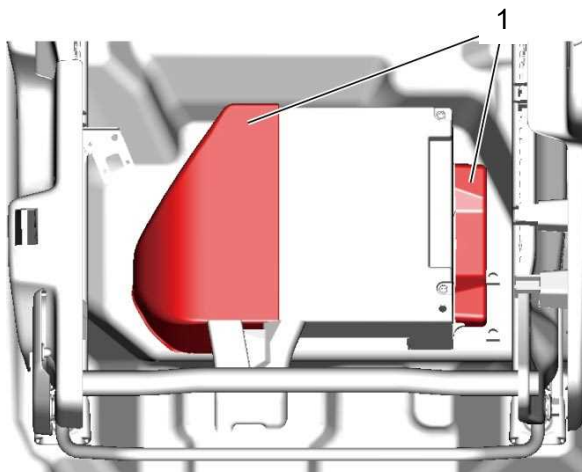


- 3) Open the front passenger seat cushion (1) pulling it up in arrow direction, and then remove the seat under box (2).

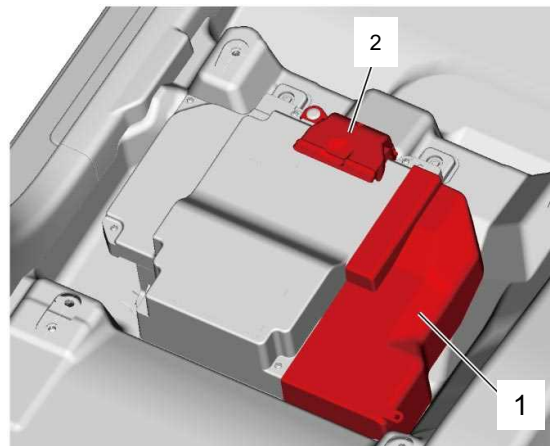


4) Remove the cover (1) and the rear duct (2)

Litium-ion battery **12V 36Wh**



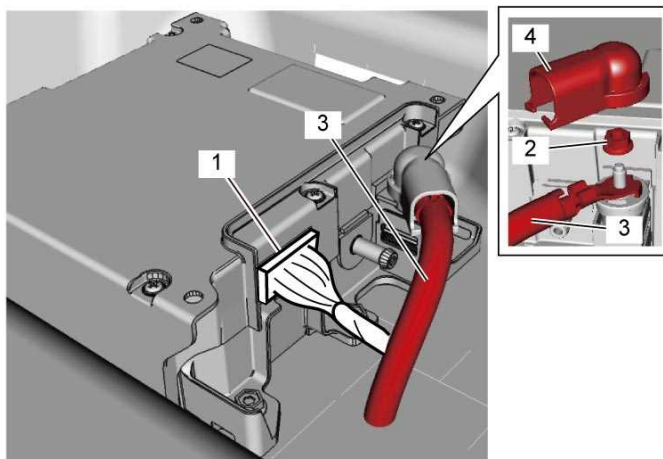
Litium-ion battery **12V 120Wh**



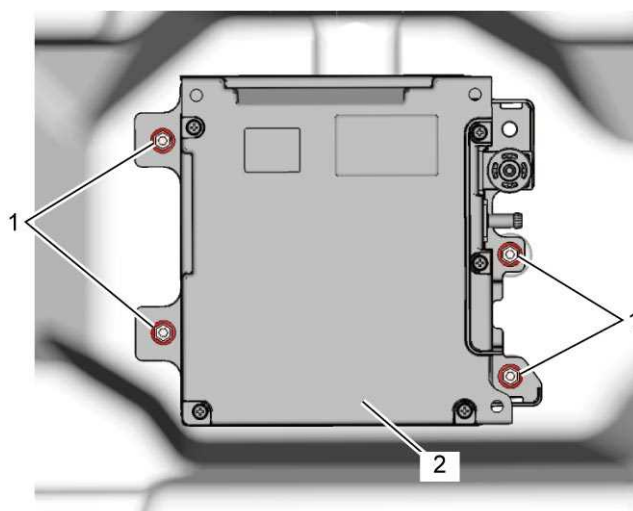
**Engine Auto Stop Start “ENE-CHARGE” system lithium-ion battery 12V 36Wh**

5) Disconnect the connector (1).

6) Remove the “B” terminal nut (2), and then the remove “B” cable (3).

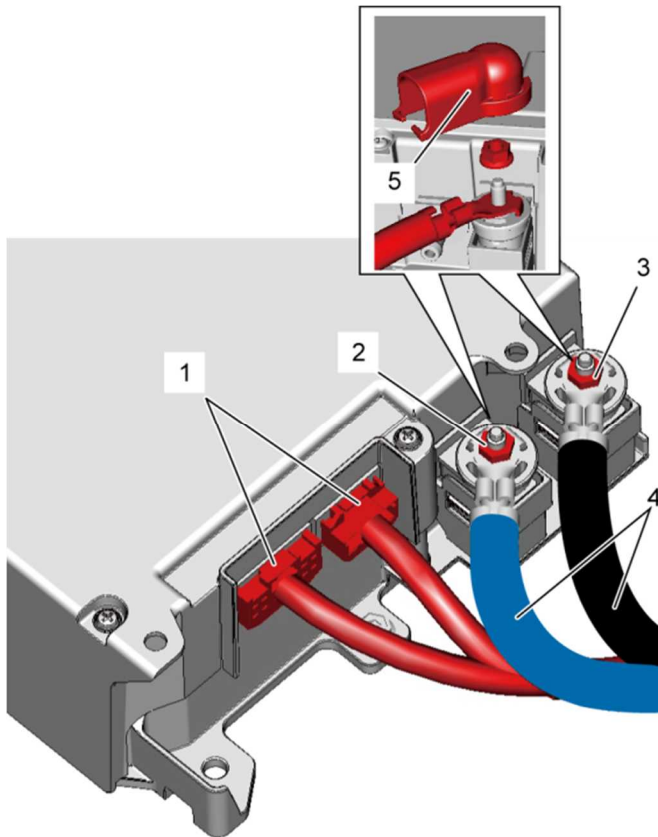


7) Remove the bolts (1), and then remove the lithium-ion battery (2).

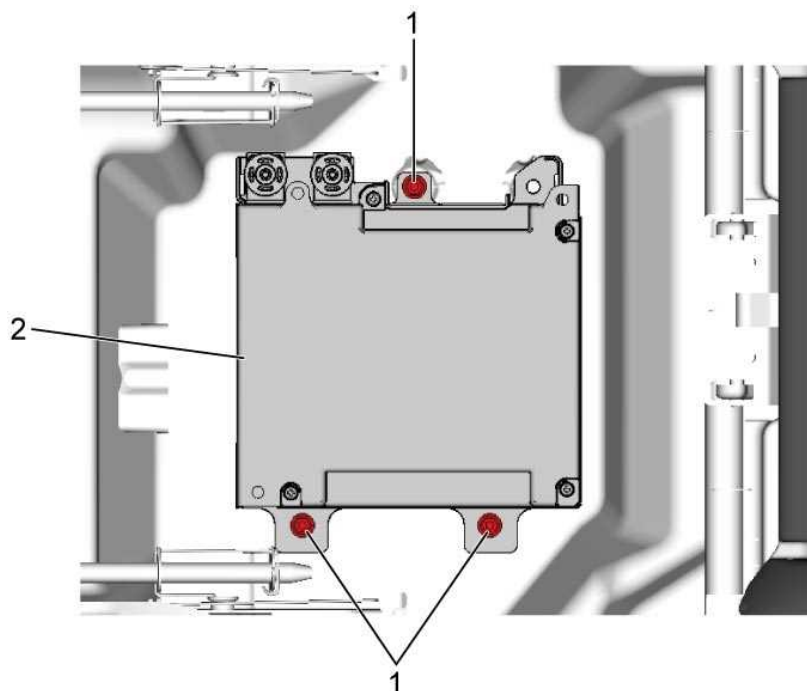


## Engine Auto Stop Start ISG system lithium-ion battery **12V 36Wh**

- 5) Disconnect the connectors (1).
- 6) Remove the “Pb+” terminal nut (2) and the “ISG+” terminal nut (3), and then remove the cables (4).

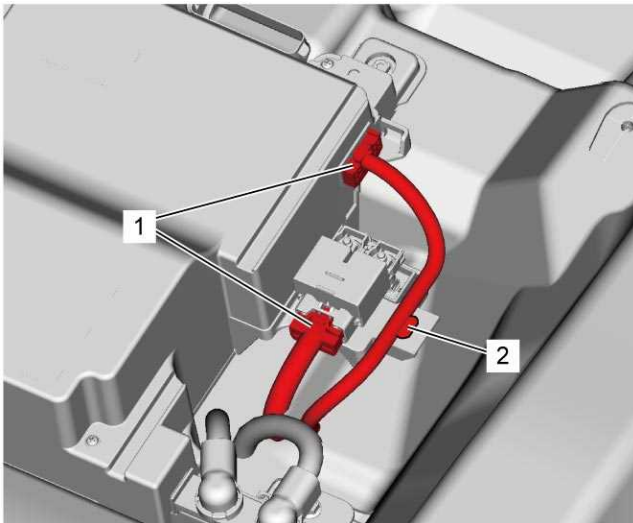


- 7) Remove the bolts (1), and then remove the lithium-ion battery (2).

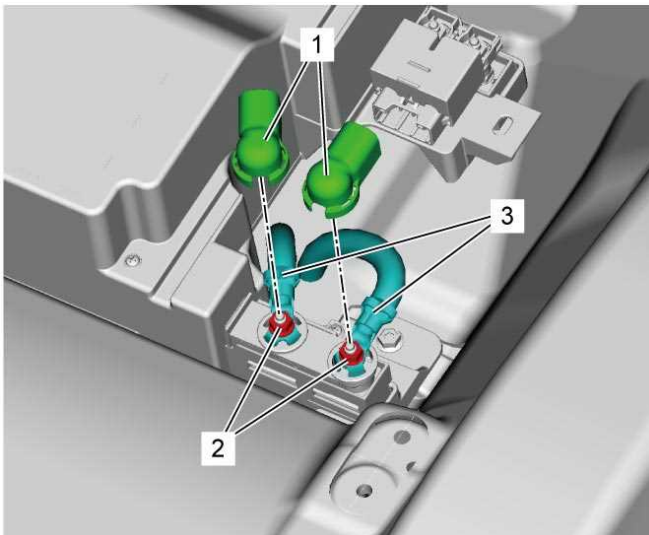


## Engine Auto Stop Start ISG system lithium-ion battery **12V 120Wh**

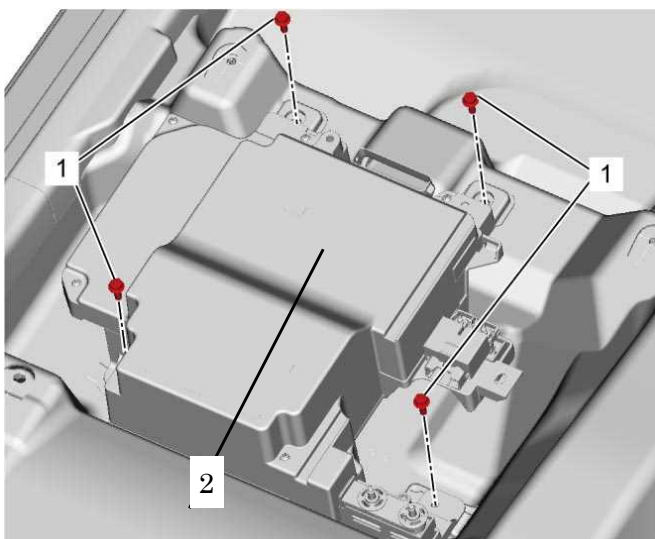
5) Disconnect the connectors (1) and the harness clamp (2)



6) Remove the positive terminal nuts (2) under the terminal covers (1), and then remove the cables (3).



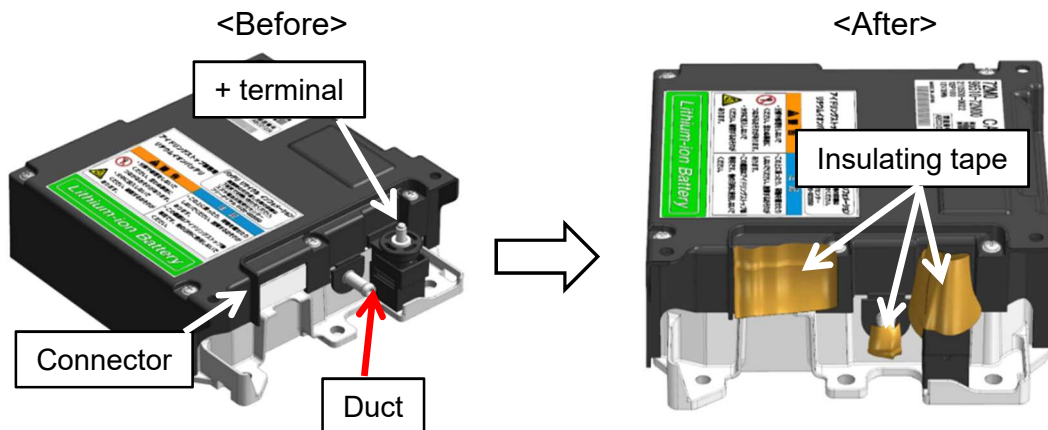
7) Remove the bolts (1), and then remove the lithium-ion battery (2).



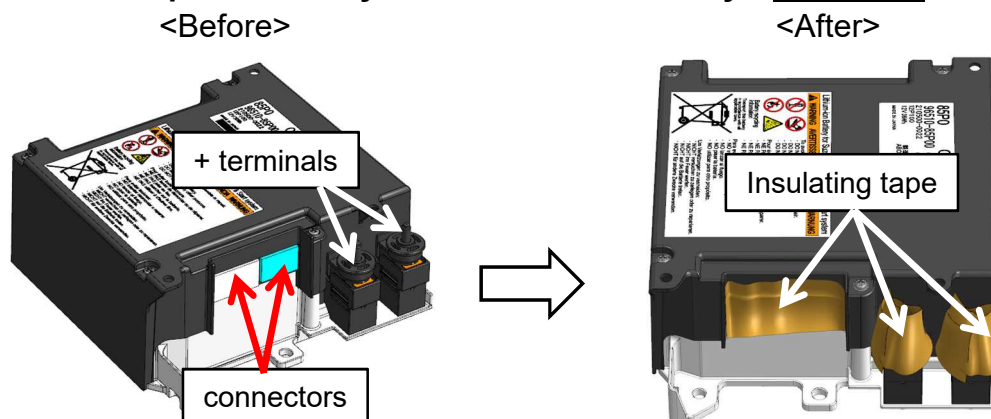
8) Prevent of a short circuit :

In order to prevent a short circuit, cover the + terminal(s), the connector(s) and the duct(if equipped) of the removed lithium-ion battery with insulating tape securely as shown below.

**Engine Auto Stop Start “ENE-CHARGE” system lithium-ion battery 12V 36Wh**



**Engine Auto Stop Start ISG system lithium-ion battery 12V 36Wh**



**Engine Auto Stop Start ISG system Lithium-ion battery 12V 120Wh**

