English

Handling Manual for used Lithium-Ion “High Voltage Battery”
Manufacturer Specific Information
Model: SWACE (207.2V-3.6Ah)

The manufacturer specific information is complementary to the manufacturer common manual ‘Safe handling of high voltage electrical components in electrical end-of-life vehicles’
= manufacturer specific information should highlight only important SUZUKI specific items.

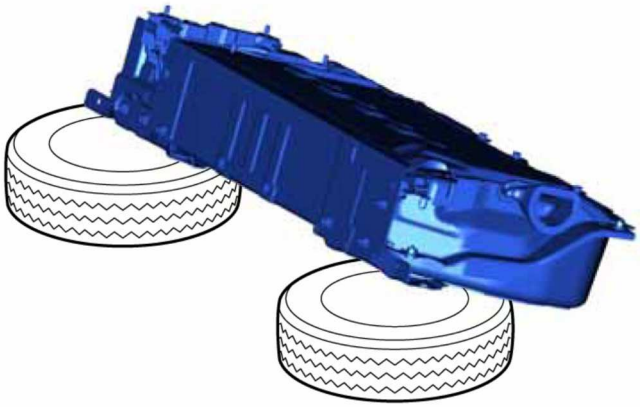
Always wear insulating gloves and goggles before manipulating high voltage electrical components.

A - Inspection:

Before storing the battery, follow the procedure below and determine whether the battery is defective and / or damaged:

(1) Inspection on electrolyte leakage

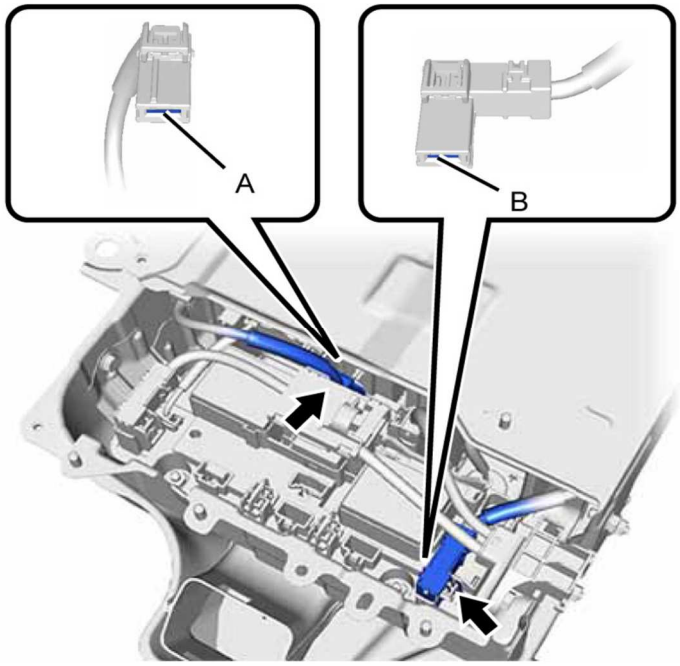
- Position the battery as shown in the illustration and leave it for around 5 minutes.



- If no electrolyte is leaking from the battery, please proceed to step (2)
- If electrolyte is leaking from the battery, handle the damaged battery, as follows:
  - make sure to wear safety goggles.
  - absorb the electrolyte by using a piece of cloth.
  - dispose of the contaminated piece of cloth according to local legislation.
  - call the Suzuki distributor in your country on how to store and discharge the battery.

(2) Check the battery voltage

- Measure the voltage as shown in the illustration, using a high voltage meter.
- If any cover exists on coupler A and/or B, please remove the cover before measuring.



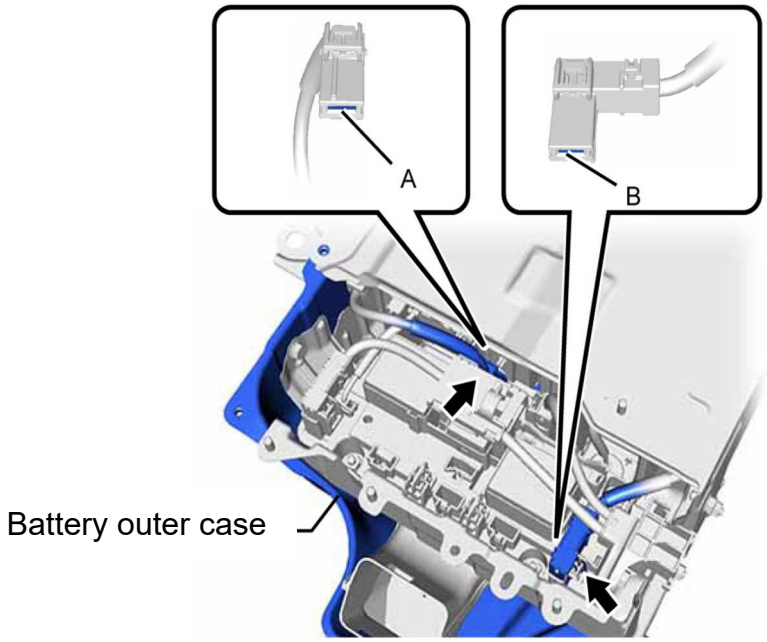
- If the voltage is below the specified conditions indicated in the table below, please proceed to step (3).

Tester Connection	Condition	Specified Condition
A – B	always	＜233.8V

- If the voltage is higher or equal to the specified conditions indicated in the table above, please proceed to step (5).

(3) Inspection of battery insulation resistance

- Measure the insulation resistance as shown in the illustration, using a Megohmmeter set to 500 V.
- If any cover exists on coupler A and/or B, please remove the cover before measuring and install the cover after measuring.



- If the resistance is equal or higher than the specified conditions indicated in the table below, please proceed to step (4).

Tester Connection	Condition	Specified Condition
A – Battery outer case	always	1MΩ or higher
B – Battery outer case	always	1MΩ or higher

- If the resistance is below the specified conditions indicated in the table above, please proceed to step (5).

(4) Visual check of the battery

- If no deformation or discoloration of the battery can be noticed, store the battery as described in D- storage of this document.

- In case of deformation or discoloration of the battery, call the Suzuki distributor in your country on how to store and discharge the damaged battery.

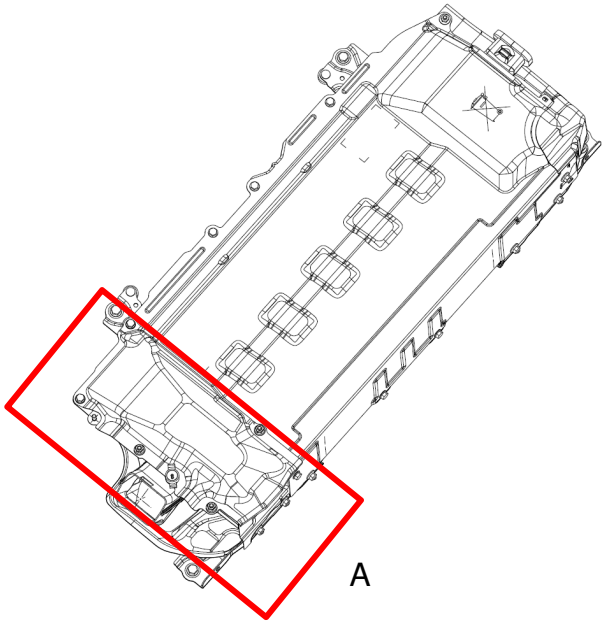
(5) Visual check of the battery connectors

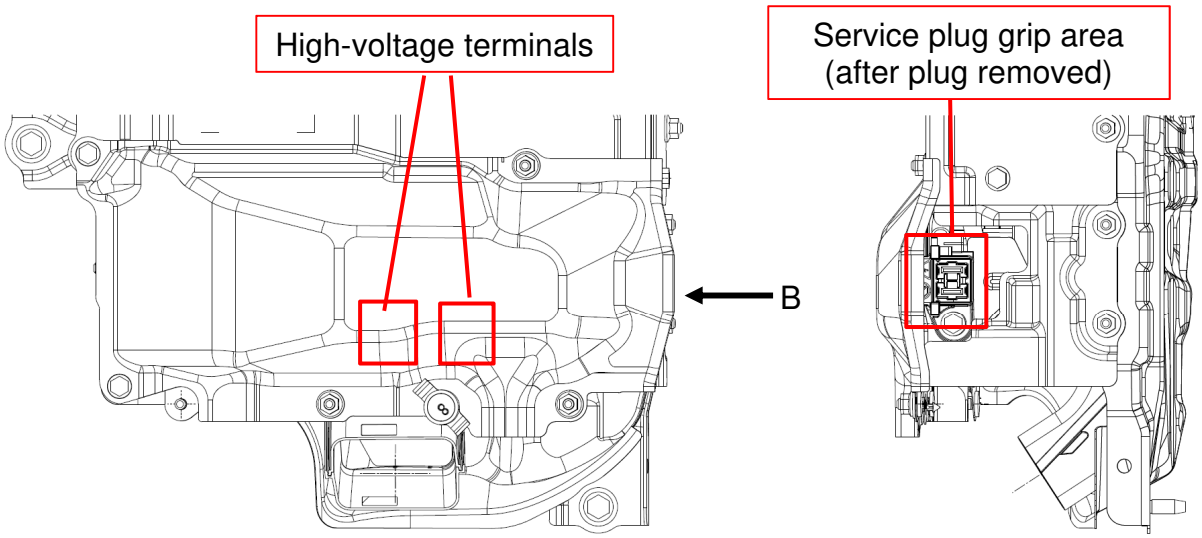
- check if there are no deformations or abnormalities in the orange connectors connected to the battery smart unit.
- call the Suzuki distributor in your country on how to store and discharge the damaged battery.

B - Prevention of a short circuit ;

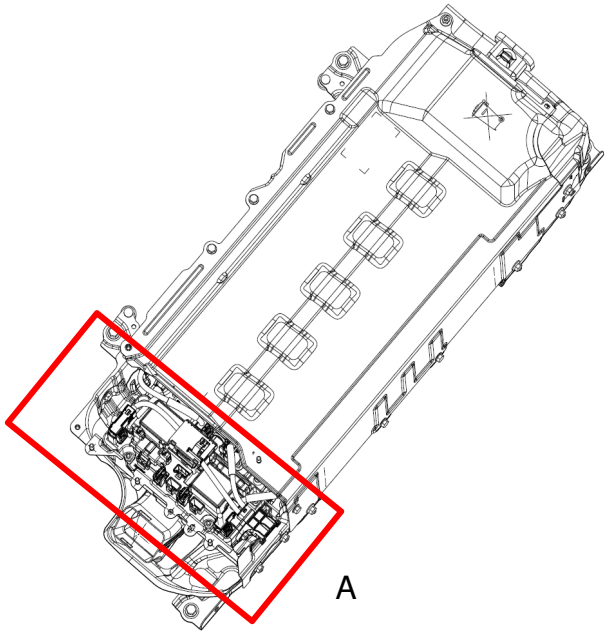
In order to prevent a short circuit, cover the high-voltage terminals and service plug grip area of the battery pack with insulating tape securely as shown below.

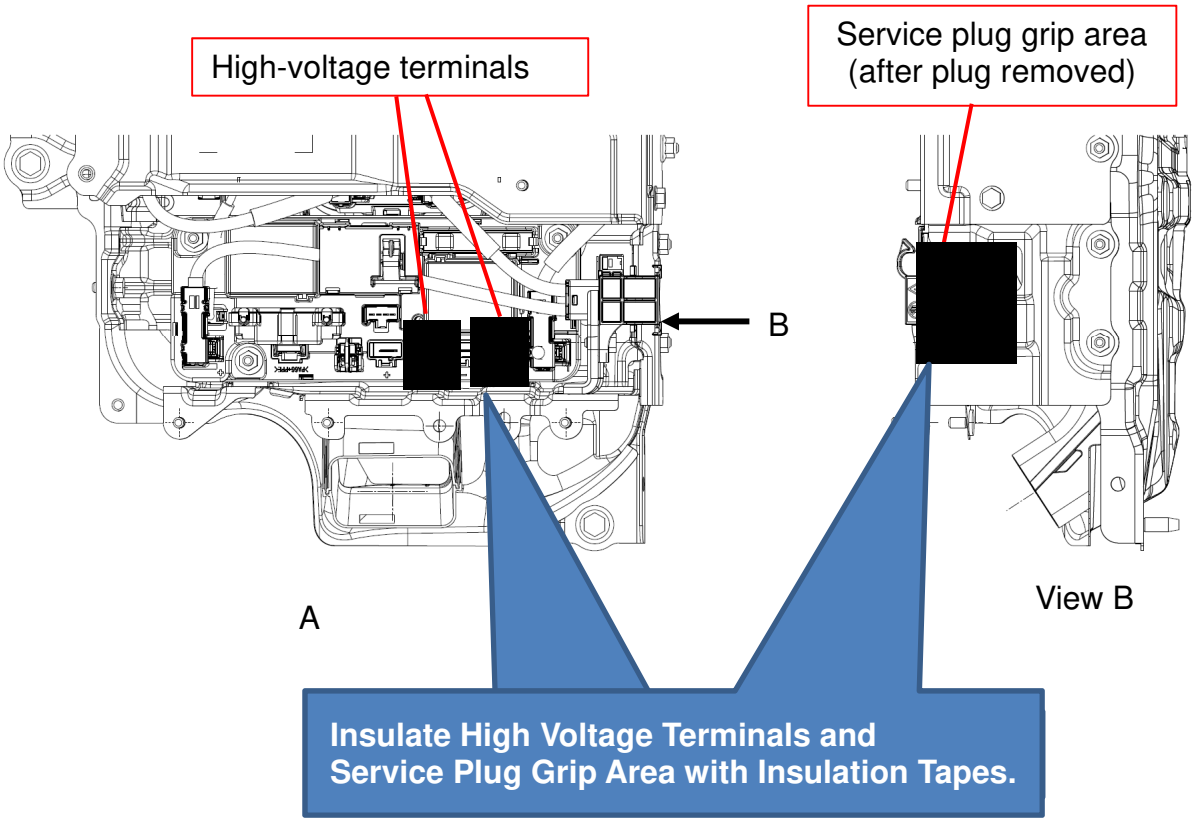
<Before>



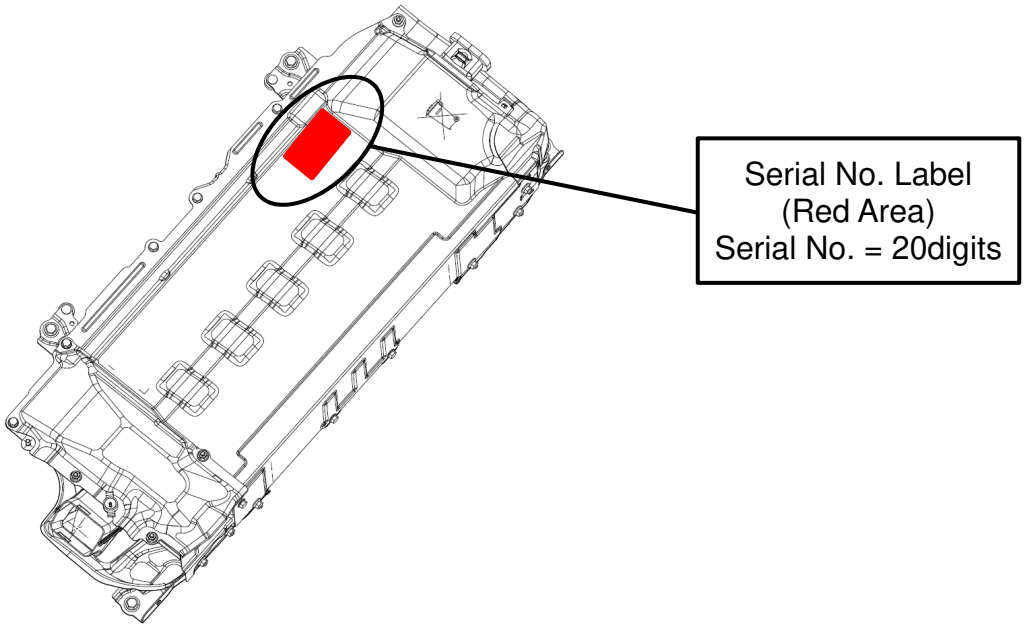


<After>
・insulation by insulating tape [redacted]





C - Serial No. of battery pack



※Please send **The Serial No. Report of Lithium Ion Battery** to the Suzuki distributor in your country after filling out the information. **(Dealers / Repair Companies Only)**

D - Storage of battery

The following provides guidelines to store the battery after removal from the vehicle:

	Guidelines to store the battery
1	Do not stack the batteries. Do not place anything on the battery.
2	Store the battery where it is kept dry and is not exposed to high temperatures, fire and direct sunlight.
3	Protect the battery from mechanical loads and damage (punctured or crushed).
4	Keep the battery away from water and rain.
5	Never place directly on the floor. Place a high voltage rubber insulation mat underneath the battery.
6	Always store the battery in its normally installed orientation, never invert.
7	Store the battery in well ventilated areas.
8	Only store battery which are sufficiently insulated against short circuiting.
9	Cover the battery with a high voltage rubber insulation mat.
10	Mark the storage with a warning sign.

Additional recommendations in case of damaged battery, i.e. battery with visible damage, considerably deformed cases and/or leaking or venting.

a) Defective and damaged high voltage batteries must be stored in quarantine in a special place on the premises, monitored and marked as "DAMAGED/DEFECTIVE BATTERIES

b) Contact the Suzuki distributor in your country for further instructions

E - Packaging:

(1) In case of a non-damaged battery, pack the battery according to all applicable laws in your region/country.
(2) In case of a damaged battery, please follow the instructions given by the Suzuki distributor in your country.
(3) Please check the following items of the used battery before packaging.

	Items to check before packaging and shipment
1	Battery is not wet by water. No electrolyte leakage from battery.
2	No fuming, no fire, no fever of battery.
3	Battery does not suffer from damage, deformation, crack, corruption and is not dismantled.
4	Battery is properly insulated.
5	Service plug grip is removed.
6	Service plug grip area is sufficiently insulated by insulating tape.
7	Terminals and connectors are sufficiently insulated by insulating tape.
8	Holes like ventilating hole are closed by tape.
9	There is no other abnormality.

F - Transport:

Please transport the battery according to all applicable laws in your region/country.

G – Disposal of battery for recycling

(1) Dispose of the used battery pack according to all applicable laws in your region/country.

(2) Please contact the SUZUKI distributor in your country for inquires or request disposal of the used battery pack for recycling.

(3) The re-use of the battery in any other application than its intended use in the vehicle is no allowed.

(4) Improper disposal of this unit may result in environmental damage or serious injury.