

DTC	C2953/503	Battery Current Sensor Abnormally
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CIRCUIT DESCRIPTION

DTC No.	DTC Detection Condition	Trouble Area
C2953/503	<ul style="list-style-type: none"> • EV charger rectifier malfunction • Battery ECU malfunction • Current sensor malfunction 	<ul style="list-style-type: none"> • EV charger rectifier • Battery ECU • Battery current sensor

WIRING DIAGRAM

Refer to DTC C2952/502 on page [DI-174](#).

INSPECTION PROCEDURE

CAUTION:

To avoid receiving an electrical shock, observe PRECAUTION on page [DI-133](#).

1	Check battery charging current.
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PREPARATION:

- Connect the hand-held tester to the DLC3.
- Charge the traction battery.

CHECK:

Using the hand-held tester, measure the battery charging current (MAIN BATTERY C).

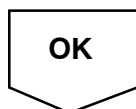
OK:

5.0 – 20 A

HINT:

While continuing to charge the traction battery, the charging current may become small (Near the end of charging (SOC 100 %), the current has become about 3 A).

NG	Less than 5.0 A: Go to step 2.
NG	More than 20 A: See page DI-174.



Recharge traction battery.

2	Check PCU cooling system.
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NG	Repair PCU cooling system.
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OK

3	Check EV charger rectifier.
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CHECK:
Check that the EV charger rectifier is installed securely.

NG	Tighten bolts.
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OK

Check battery current sensor circuit (See page [DI-174](#)).