DI7A1–02

DTC	C2953/503	Battery Current Sensor Abnormally

CIRCUIT DESCRIPTION

DTC No.	DTC Detection Condition	Trouble Area
C2953/503	• EV charger rectifier malfunction • Battery ECU malfunction • Current sensor malfunction	• 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.

PREPARATION:

(a) Connect the hand–held tester to the DLC3.

(b) 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.**

OK →

Recharge traction battery.

2	**Check PCU cooling system.**

NG → **Repair PCU cooling system.**

OK

3	**Check EV charger rectifier.**

CHECK:

Check that the EV charger rectifier is installed securely.

NG → **Tighten bolts.**

OK

Check battery current sensor circuit (See page DI–174).