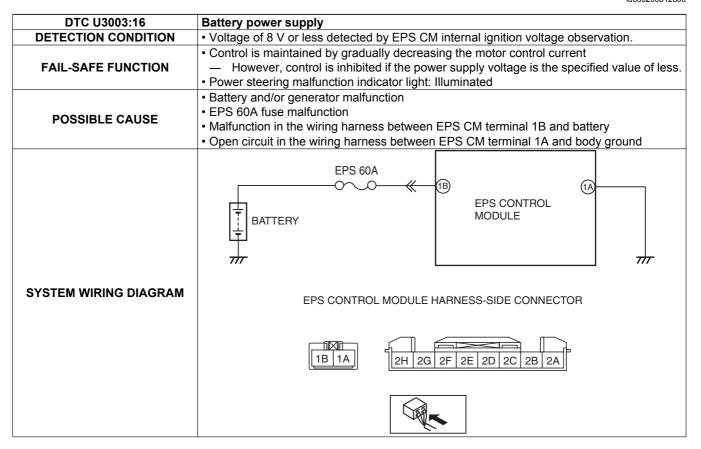
DTC U3003:16



## **Diagnostic Procedure**

Step	Inspection		Action
1	<ul><li>INSPECT BATTERY VOLTAGE</li><li>Is the battery terminal voltage normal?</li></ul>	Yes	Make sure that battery terminal connection is okay. Go to the next step.
		No	Charge or replace the battery, then go to Step 6. (See BATTERY RECHARGING [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY RECHARGING [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See BATTERY RECHARGING [SKYACTIV-D 2.2].) (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
2	INSPECT BATTERY GRAVITY	Yes	Go to the next step.
	Is the battery specific gravity as specified?	No	Replace the battery, then go to Step 6. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3	INSPECT CHARGING SYSTEM	Yes	Go to the next step.
	Are the generator and drive belt tension normal?	No	Replace the generator and/or drive belt if necessary. Go to step 6. (See GENERATOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See GENERATOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) (See DRIVE BELT REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DRIVE BELT REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)

Step	Inspection		Action
4	INSPECT FUSE CONDITION	Yes	Go to the next step.
	• Is the fuse (EPS 60A) normal?	No	Replace the fuse, then go to Step 7.
5	INSPECT EPS CM POWER SUPPLY CIRCUIT	Yes	Go to the next Step.
	<ul> <li>FOR OPEN OR SHORT CIRCUIT</li> <li>Start the engine.</li> <li>Measure the voltage between following EPS CM terminal (wiring harness-side) and ground.</li> <li>EPS CM: 1B—ground</li> <li>Is the voltage 8 V or more?</li> </ul>	No	Repair or replace the wiring harness (including fuse) between the EPS CM and ground, then go to Step 6.
6	INSPECT EPS CM GROUND CIRCUIT FOR	Yes	Go to the next step.
	<ul> <li>POOR GROUND OR OPEN CIRCUIT</li> <li>Switch the ignition OFF.</li> <li>Inspect for continuity between EPS control module terminal 1A and body ground.</li> <li>Is there continuity?</li> </ul>	No	Repair or replace the wiring harness between terminal 1A and body ground, then go to the next step.
7	VERIFY THAT THE SAME DTC IS NOT PRESENT  • Make sure to reconnect all disconnected connectors.  • Clear the DTC from the memory.  (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.)  • Is the same DTC present?	Yes	Replace the steering column, then go to the next step. (See STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.)
		No	Go to the next step.
8	VERIFY THAT NO OTHER DTCS ARE	Yes	Go to the applicable DTC inspection.
	PRESENT		(See ELECTRIC POWER STEERING (EPS) ON-BOARD
	Are any other DTCs output?		DIAGNOSIS.)
		No	DTC troubleshooting completed.