

DTC U3003:17 [REAR VEHICLE MONITORING SYSTEM]

id0902z2888700

System malfunction location	Rear vehicle monitoring control module (RH) high power supply voltage input
Detection condition	• Power supply circuit voltage of 16 V or more is detected in rear vehicle monitoring control module (RH) for 1 s or more .
Fail-safe	• Inhibits the rear vehicle monitoring system.
Possible cause	• DTCs are stored in the PCM. • Battery malfunction • Generator malfunction • Rear vehicle monitoring control module (RH) malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY PCM DTCs • Perform the DTC inspection for the PCM using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].) • Is the DTC displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].)
		No Go to the next step.
2	INSPECT BATTERY • Inspect the battery. (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY INSPECTION [SKYACTIV-D 2.2].) • Is the battery normal?	Yes Go to the next step.
		No Replace the battery, then go to Step 4. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3	INSPECT GENERATOR • Inspect the generator. (See GENERATOR INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See GENERATOR INSPECTION [SKYACTIV-D 2.2].) • Is the generator normal?	Yes Go to the next step.
		No Replace the generator, then go to the next step. (See GENERATOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See GENERATOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4	VERIFY THAT REPAIRS HAVE BEEN COMPLETED • Clear the DTC for the rear vehicle monitoring control module using the M-MDS. (See CLEARING DTC [REAR VEHICLE MONITORING SYSTEM].) • Switch the ignition ON (engine off or on) and wait for 1.5 s or more . • Perform the DTC inspection for the rear vehicle monitoring control module using the M-MDS. (See DTC INSPECTION [REAR VEHICLE MONITORING SYSTEM].) • Is DTC U3003:17 displayed?	Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the rear vehicle monitoring control module (RH), then go to the next step. (See REAR VEHICLE MONITORING CONTROL MODULE REMOVAL/INSTALLATION.)
		No Go to the next step.
5	VERIFY IF OTHER DTCs DISPLAYED • Are any other DTCs displayed?	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [REAR VEHICLE MONITORING SYSTEM].)
		No DTC troubleshooting completed.