

DTC U3003:17 [BLIND SPOT MONITORING (BSM)]

id0902i3394100

System malfunction location	BSM control module high power supply voltage input (16 V or more)
Detection condition	• BSM control module power supply voltage of 16 V or more is detected for 10 s or more .
Fail-safe	• BSM is stopped.
Possible cause	<ul style="list-style-type: none"> • DTCs are stored in the PCM. • Battery malfunction • Generator malfunction • BSM control module malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY PCM DTCs <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Inspect the battery. (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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Clear BSM control module DTCs using the M-MDS. (See CLEARING DTC [BLIND SPOT MONITORING (BSM)].) • Switch the ignition ON (engine off or on) and wait for 10 s or more. • Perform the DTC inspection for the BSM control module using the M-MDS. (See DTC INSPECTION [BLIND SPOT MONITORING (BSM)].) • Is DTC U3003:17 displayed? 	Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the BSM control module, then go to the next step. (See BLIND SPOT MONITORING (BSM) CONTROL MODULE REMOVAL/INSTALLATION.)
		No Go to the next step.
5	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none"> • Are any other DTCs displayed? 	Yes Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [BLIND SPOT MONITORING (BSM)].)
		No DTC troubleshooting completed.