

2012 - Mazda6 - Body and Accessories

DTC U0401:68 [BLIND SPOT MONITORING (BSM)]

DESCRIPTION	Error signal from PCM
DETECTION CONDITION	Invalid data received from the PCM.
POSSIBLE CAUSE	- PCM DTC is stored - PCM malfunction - BSM control module malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	CONFIRM PCM DTC - Perform the DTC Reading Procedure to confirm the PCM DTC. (See ON-BOARD DIAGNOSTIC TEST [MZR 2.5] .) (See ON-BOARD DIAGNOSTIC TEST [MZI 3.7 V6] .) - Are any DTCs present?	Yes Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .) (See DTC TABLE [MZI 3.7 V6] .)
		No Go to the next step.
2	VERIFY PCM MALFUNCTION - Clear the DTC from the BSM control module memory using the M-MDS. (See CLEARING DTC [BLIND SPOT MONITORING (BSM)] .) - Perform the DTC inspection using the M-MDS to confirm the BSM control module DTC. (See DTC INSPECTION [BLIND SPOT MONITORING (BSM)] .) - Is the same DTC present?	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZR 2.5] .) (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6] .)
		No Go to Step 4.

3	VERIFY TROUBLESHOOTING COMPLETED - Clear the DTC from the BSM control module memory using the M-MDS. (See CLEARING DTC [BLIND SPOT MONITORING (BSM)].) - Perform the DTC inspection using the M-MDS to confirm the BSM control module DTC. (See DTC INSPECTION [BLIND SPOT MONITORING (BSM)].) - Is the same DTC present?	Yes	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.
4	VERIFY THAT NO OTHER DTCs ARE RECORDED Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [BLIND SPOT MONITORING (BSM)] .)
		No	DTC troubleshooting completed.

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