

2012 - Mazda6 - Body and Accessories

DTC U0401:68 [BCM]

DESCRIPTION	Signal error from PCM
DETECTION CONDITION	• Correct data cannot be received from PCM.
POSSIBLE CAUSE	• PCM malfunction • BCM malfunction

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM PCM DTC INSPECTION • Perform the PCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [MZR 2.5].) (See ON-BOARD DIAGNOSTIC TEST [MZI 3.7 V6].) • Are any DTCs present?	YesGo to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .) (See DTC TABLE [MZI 3.7 V6] .)
		NoGo to the next step.
2	PERFORM BCM DTC INSPECTION • Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM].) • Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM].) • Is the same DTC present?	YesReplace the PCM, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZR 2.5] .) (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6] .)
		NoGo to Step 4.
3	VERIFY TROUBLESHOOTING COMPLETED	YesReplace the BCM, then go to the next step. (See BODY CONTROL MODULE (BCM))

	• Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM] .) • Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM] .) • Is the same DTC present?		REMOVAL/ INSTALLATION.)
		No	Go to the next step.
4	VERIFY THAT NO OTHER DTCs ARE PRESENT • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [BCM] .)
		No	DTC troubleshooting completed.

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		No	Go to the next step.
4	VERIFY THAT NO OTHER DTCs ARE PRESENT • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [BCM] .)
		No	DTC troubleshooting completed.