

2012 - Mazda6 - Body and Accessories

DTC U0402:68 [BCM]

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

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM TCM DTC INSPECTION • Perform the TCM DTC inspection using the M-MDS. (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [FS5A-EL].) (See ON-BOARD DIAGNOSTIC SYSTEM DTC INSPECTION [AY6A-EL].) • Are any DTCs present?	YesGo to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FS5A-EL] .) (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [AY6A-EL] .)
		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 TCM, then go to the next step. (See TCM REMOVAL/ INSTALLATION [FS5A-EL] .) (See TCM REMOVAL/ INSTALLATION [AY6A-EL] .)
		NoGo to Step 4.
3	VERIFY TROUBLESHOOTING COMPLETED	YesReplace the BCM, then go to the next step.

	• 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?		(See BODY CONTROL MODULE (BCM) 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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	• 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?		(See BODY CONTROL MODULE (BCM) REMOVAL/ INSTALLATION .)
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		No	DTC troubleshooting completed.