

2012 - Mazda6 - Body and Accessories

DTC U0402:68 [INSTRUMENT CLUSTER]

DESCRIPTION	Signal error from TCM
DETECTION CONDITION	Correct data cannot be received from TCM
POSSIBLE CAUSE	• TCM malfunction • Instrument cluster 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] .)	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [FS5A-EL] .) (See ON-BOARD DIAGNOSTIC SYSTEM DTC TABLE [AY6A-EL] .)
		No Go to the next step.
2	PERFORM INSTRUMENT CLUSTER DTC INSPECTION • Clear the DTC from the instrument cluster memory using the M-MDS. (See CLEARING DTC [INSTRUMENT CLUSTER] .) • Perform the instrument cluster DTC inspection using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER] .) • Is the same DTC present?	Yes Replace the TCM, then go to the next step. (See TCM REMOVAL/ INSTALLATION [FS5A-EL] .) (See TCM REMOVAL/ INSTALLATION [AY6A-EL] .)
		No Go to the next step.

3	VERIFY TROUBLESHOOTING COMPLETED - Clear the DTC from the instrument cluster memory using the M-MDS. (See CLEARING DTC [INSTRUMENT CLUSTER] .) - Perform the instrument cluster DTC inspection using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER] .) - Is the same DTC present?	Yes	Replace the instrument cluster, then go to the next step.
		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.
		No	DTC troubleshooting completed.

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		No	DTC troubleshooting completed.