

2012 - Mazda6 - Body and Accessories

DTC U0401:68 [INSTRUMENT CLUSTER]

DESCRIPTION	Signal error from PCM
DETECTION CONDITION	Correct data cannot be received from PCM
POSSIBLE CAUSE	• PCM malfunction • Instrument cluster 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?	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	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 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 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. (See INSTRUMENT CLUSTER 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 [INSTRUMENT CLUSTER] .)
		No	DTC troubleshooting completed.

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