

2012 - Mazda6 - Body and Accessories

DTC U0515:68 [INSTRUMENT CLUSTER]

DESCRIPTION	Signal error from keyless control module
DETECTION CONDITION	Correct data cannot be received from keyless control module
POSSIBLE CAUSE	• Keyless control module malfunction • Instrument cluster malfunction

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM KEYLESS CONTROL MODULE DTC INSPECTION • Perform the keyless control module DTC inspection using the M-MDS. (See DTC INSPECTION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) • Are any DTCs present?	Yes Go to the applicable DTC inspection. (See DTC TABLE [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
		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.	Yes Replace the keyless control module, then go to the next step. (See KEYLESS CONTROL MODULE REMOVAL/ INSTALLATION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
		No Go to the next step.

	(See DTC INSPECTION [INSTRUMENT CLUSTER].) • Is the same DTC present?		
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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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.	Yes Replace the keyless control module, then go to the next step. (See KEYLESS CONTROL MODULE REMOVAL/ INSTALLATION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
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	(See DTC INSPECTION [INSTRUMENT CLUSTER].) Is the same DTC present?		
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.