

2012 - Mazda6 - Engine

DTC P0610:00 [MZI 3.7 V6]

DTC P0610:00	Control module vehicle options error
DETECTION CONDITION	Indicates a PCM vehicle options error.
POSSIBLE CAUSE	- Module reprogramming - Aftermarket performance products. - PCM malfunction.

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED Has FREEZE FRAME DATA been recorded?	Yes Go to the next step.
		No Record FREEZE FRAME DATA on the repair order, then go to the next step.
2	VERIFY RELATED REPAIR INFORMATION AVAILABILITY - Verify related Service Bulletins and/or on-line repair information availability. - Is any related Service Bulletins available?	Yes Perform repair or diagnosis according to the available Service Bulletins. If the vehicle is not repaired, go to the next step.
		No Perform PCM reprogramming using the M-MDS, then go to the next step.
3	VERIFY TROUBLESHOOTING OF DTC P0610:00 HAS BEEN COMPLETED - Verify that all disconnected connectors are reconnected. - Switch the ignition ON (Engine off). - Clear the DTC from the PCM memory	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6] .)
		No Go to the next step.

	using the M-MDS. • Perform the KOEO or KOER self-test. (See KOEO/ KOER SELF TEST [MZI 3.7 V6] .) • Retrieve DTCs using the M-MDS. • Is the PENDING CODE for this DTC present?		
4	VERIFY AFTER REPAIR PROCEDURE • Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [MZI 3.7 V6] .) • Are any DTCs present?	Yes	Go to the applicable DTC inspection.
		No	Troubleshooting completed.

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