

2012 - Mazda6 - Engine

DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]

DTC P060A:00	P060A:00: Internal control module monitoring processor performance
DTC P060C:00	P060C:00: Internal control module main processor performance
DTC P061D:00	P061D:00: Internal control module engine air mass performance
DETECTION CONDITION	Indicates an error occurred in the PCM.
POSSIBLE CAUSE	- Software incompatibility issue - PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED Has FREEZE FRAME DATA been recorded?	YesGo to the next step.
		NoRecord 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?	YesPerform repair or diagnosis according to the available Service Bulletins. If the vehicle is not repaired, go to the next step.
		NoGo to the next step.
3	INSPECT PCM FOR LATEST CALIBRATION - Program the PCM to the latest calibration. - Switch the ignition off. - Perform the KOEO self-test.	YesGo to the next step.
		NoGo to Step 5.

	(See KOE/ KOER SELF TEST [MZI 3.7 V6].) • Switch the ignition off. • Perform the KOER self-test. (See KOE/ KOER SELF TEST [MZI 3.7 V6].) • Use the customer information to recreate the concern. • Perform the self-test. • Are DTCs P060A:00, P060C:00 or P061D:00 present?		
4	INSPECT FOR CORRECT PCM OPERATION • Disconnect all the PCM connectors. • Visually inspect for: ▪ Pushed out pins ▪ Corrosion • Connect all the PCM connectors and verify that they seat correctly. • Retrieve DTCs using the M-MDS. • Is the PENDING CODE for this DTC present?	Yes	Replace the PCM, then go to the next step.
		No	Go to the next step.
5	VERIFY TROUBLESHOOTING OF DTC P060A:00, P060C:00 AND P061D:00 HAS BEEN COMPLETED • Verify that all disconnected connectors reconnected. • Switch the ignition ON (Engine off). • Clear the DTC from the PCM memory using the M-MDS. • Perform the KOEO or KOER self-test. (See KOE/ KOER SELF TEST [MZI 3.7 V6].) • Retrieve DTCs using the M-MDS. • Is the PENDING CODE for this DTC present?	Yes	Repeat the inspection from Step 1. • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/ INSTALLATION [MZI 3.7 V6].) Go to the next step.
		No	Go to the next step.
6	VERIFY AFTER REPAIR PROCEDURE	Yes	Go to the applicable DTC inspection.

	- Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [MZI 3.7 V6].) - Are any DTCs present?		(See DTC TABLE [MZI 3.7 V6] .)
			No Troubleshooting completed.

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	- Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [MZI 3.7 V6].) - Are any DTCs present?		(See DTC TABLE [MZI 3.7 V6] .)
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