

2012 - Mazda6 - Engine

DTC P060B:00 [MZR 2.5]

DTC P060B:00	Internal control module A/D processing performance problem
DETECTION CONDITION	- Indicates that an error occurred in the PCM. Diagnostic support note - This is a continuous monitor (CCM). - The MIL illuminates if the PCM detects the above malfunction condition in the first drive cycle. - FREEZE FRAME DATA (Mode 2)/Snapshot data is available. - The DTC is stored in the PCM memory.
POSSIBLE CAUSE	- PCM connector or terminal malfunction - PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA (MODE 2)/ SNAPSHOT DATA HAS BEEN RECORDED	Yes Go to the next step.
	Has the FREEZE FRAME DATA (Mode 2)/snapshot data been recorded?	No Record the FREEZE FRAME DATA (Mode 2)/snapshot data on the repair order, then go to the next step.
2	VERIFY RELATED REPAIR INFORMATION AVAILABILITY	Yes Perform repair or diagnosis according to the available repair information.
	- Verify related Service Bulletins and/or on-line repair information availability. - Is any related repair information available?	No Go to the next step.
3	VERIFY RELATED PENDING AND STORED DTC	Yes Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .)

	Switch the ignition to off, then to ON (engine off). • Verify pending and stored DTCs using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [MZR 2.5].) • Are any other DTCs present?		No Go to the next step.
4	INSPECT PCM CONNECTOR CONDITION • Switch the ignition to off. • Disconnect the PCM connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction?	Yes Repair or replace the terminal and/or connector, then go to Step 6.	No Connect the PCM connector and verify that the connector seat correctly, then go to the next step.
5	INSPECT FOR REFERENCE VOLTAGE CONCERNS • Inspect the PCM wiring harness for damage. • Verify the correct operation of the sensors using ETCREF, VREF and related circuits. • Is a concern present?	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZR 2.5].)	No Go to the next step.
6	VERIFY DTC TROUBLESHOOTING COMPLETED • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [MZR 2.5].) • Perform the KOEO or KOER self test. (See KOEO/ KOER SELF TEST [MZR 2.5].) • Is the same DTC present?	Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/ INSTALLATION [MZR 2.5].) Go to the next step.	No Go to the next step.
7	VERIFY AFTER REPAIR PROCEDURE • Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [MZR 2.5].)	Yes Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5].)	No DTC troubleshooting completed.

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| | <ul style="list-style-type: none">• Are any DTCs present? | |
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