

2012 - Mazda6 - Engine

DTC U3000:41 [MZR 2.5]

DTC U3000:41	PCM processor error
DETECTION CONDITION	- The PCM internal EEPROM malfunction. Diagnostic support note - This is a continuous monitor (other). - The MIL does not illuminate. - FREEZE FRAME DATA (Mode2)/Snapshot data is not available. - The DTC is not stored in the PCM memory.
POSSIBLE CAUSE	PCM internal malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY RELATED REPAIR INFORMATION AVAILABILITY - Verify related Service Bulletins and/or on-line repair information availability. - Is any related repair information available?	Yes Perform repair or diagnosis according to the available repair information. If the vehicle is not repaired, go to the next step.
		No Go to the next step.
2	VERIFY DTC TROUBLESHOOTING COMPLETED - Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [MZR 2.5].) - Perform the KOEO self test. (See KOEO/ KOER SELF TEST [MZR 2.5].) - Is the same DTC present?	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/ INSTALLATION [MZR 2.5] .)
		No Go to the next step.

3	VERIFY AFTER REPAIR PROCEDURE - Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [MZR 2.5].) - Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .)
		No	DTC troubleshooting completed.

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