

2012 - Mazda6 - Engine

DTC P260F:00 [MZR 2.5]

DTC P260F:00	EVAP system monitoring processor performance problem
DETECTION CONDITION	- This DTC sets when a concern is detected internal to the PCM. The microprocessor that controls the engine off natural vacuum (EONV) leak check monitor is separate from the main processor within the PCM. Diagnostic support note - This is a continuous monitor (CCM). - The MIL illuminates if the PCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the PCM. - PENDING CODE is available if the PCM detects the above malfunction condition during first drive cycle. - FREEZE FRAME DATA (Mode 2)/Snapshot data is available. - The DTC is stored in PCM memory.
POSSIBLE CAUSE	- Module communications network concerns - PCM connector or terminal malfunction - PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA (MODE 2)/ SNAPSHOT DATA HAS BEEN RECORDED	YesGo to the next step.
	Has the FREEZE FRAME DATA (Mode 2)/snapshot data been recorded?	NoRecord the FREEZE FRAME DATA (Mode 2)/snapshot data on the repair order, then go to the next step.
2	VERIFY RELATED REPAIR INFORMATION AVAILABILITY Verify related Service Bulletins	YesPerform repair or diagnosis according to the available repair information.

	and/or on-line repair information availability. Is any related repair information available?		If the vehicle is not repaired, go to the next step.
		No	Go to the next step.
3	VERIFY RELATED PENDING AND STORED DTC - 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?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5].)
		No	Go to the next step.
4	INSPECT PROCESSOR PERFORMANCE - Switch the ignition to off. - Disconnect the battery cable and wait for 1 min. - Connect the battery cable. - Start the engine and warm it up completely. - Allow the engine idle to stabilize. - Access the FTP PID using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [MZR 2.5].) - Is the pressure equal to 0 kPa { 0 kgf/ cm², 0 psi} ?	Yes	Go to Step 6.
		No	Go to the next step.
5	INSPECT FOR SELF-TEST DTC P260F:00 - Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [MZR 2.5].) - Idle the engine 2 min. - Perform the KOEO or KOER self test. (See KOEO/ KOER SELF TEST [MZR 2.5].) - Is the DTC P260F:00 present?	Yes	Go to the next step.
		No	DTC troubleshooting completed.

6	INSPECT PCM FOR LATEST CALIBRATION • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [MZR 2.5].) • Program the PCM to the latest calibration. • Switch the ignition to ON (engine running). • Idle the engine for 2 min. • Perform the KOEO or KOER self test. (See KOEO/ KOER SELF TEST [MZR 2.5].) • Is the DTC P260F:00 present?		Yes Go to the next step. No DTC troubleshooting completed.
7	INSPECT PCM CONNECTOR CONDITION • 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 the next step. No Go to the next step.
8	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 PENDING CODE for this 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.
9	VERIFY AFTER REPAIR PROCEDURE • Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR		Yes Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .)

	PROCEDURE [MZR 2.5] .) • Are any DTCs present?	No	DTC troubleshooting completed.
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		No	DTC troubleshooting completed.

	PROCEDURE [MZR 2.5] .) • Are any DTCs present?	No	DTC troubleshooting completed.
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