

2012 - Mazda6 - Engine

DTC P260F:00 [MZI 3.7 V6]

DTC P260F:00	Evaporative emission system monitoring processor performance
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.
POSSIBLE CAUSE	- Module communications network concerns - PCM calibration level - 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 Go to the next step.
3	VERIFY RELATED PENDING CODE OR STORED DTCs Switch the ignition off then	Yes Go to the appropriate DTC troubleshooting. (See DTC TABLE [MZI 3.7 V6] .)

	to the ON position (Engine off). • Verify the related PENDING CODE or stored DTCs using the M-MDS.	No	Go to the next step
4	INSPECT THE PERFORMANCE OF THE PROCESSOR • Switch the ignition off. • Disconnect the battery and wait for 1 min. • Connect the battery. • Start the engine and warm it up completely. • Allow the engine idle to stabilize. • Access FTP PID. • Is the pressure equal to 0 kPa { 0 kgf/ cm², 2.0 psi} .	Yes	Go to Step 6.
		No	Go to the next step.
5	INSPECT FOR SELF-TEST DTC P260F:00 • Idle the engine 2 min. • Perform the KOER self-test. (See KOEO/ KOER SELF TEST [MZI 3.7 V6] .) • Is DTC P260F:00 present?	Yes	Go to the next step.
		No	Troubleshooting completed.
6	INSPECT PCM FOR LATEST CALIBRATION • Program the PCM to the latest calibration. • Switch the ignition ON (Engine running). • Idle the engine for 2 min. • Perform the KOER self-test. (See KOEO/ KOER SELF TEST [MZI 3.7 V6]	Yes	Go to the next step. (The system is operating normally at this time. The concern may have been caused by a loose or corroded connector.)
		No	Troubleshooting completed.

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	Is DTC P260F:00 present?		
7	VERIFY TROUBLESHOOTING OF DTC P260F:00 HAS BEEN COMPLETED - Verify that all disconnected connectors reconnected. - Clear the DTC from the PCM memory using the M-MDS. - Perform the all OBD-II Drive Mode procedures. (See OBD-II DRIVE MODE [MZI 3.7 V6].) - Is the PENDING CODE for the 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.
8	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. (See DTC TABLE [MZI 3.7 V6].)
		No	Troubleshooting completed.

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		No Record FREEZE FRAME DATA on the repair order, then go to the next step.
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		No Go to the next step.
3	VERIFY RELATED PENDING CODE OR STORED DTCs Switch the ignition off then	Yes Go to the appropriate DTC troubleshooting. (See DTC TABLE [MZI 3.7 V6] .)

	to the ON position (Engine off). • Verify the related PENDING CODE or stored DTCs using the M-MDS.	No	Go to the next step
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		No	Troubleshooting completed.
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		No	Troubleshooting completed.

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7	VERIFY TROUBLESHOOTING OF DTC P260F:00 HAS BEEN COMPLETED - Verify that all disconnected connectors reconnected. - Clear the DTC from the PCM memory using the M-MDS. - Perform the all OBD-II Drive Mode procedures. (See OBD-II DRIVE MODE [MZI 3.7 V6].) - Is the PENDING CODE for the 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.
8	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. (See DTC TABLE [MZI 3.7 V6] .)
		No	Troubleshooting completed.