2012 - Mazda6 - Engine

NO.16 HIGH OIL CONSUMPTION/ LEAKAGE [MZI 3.7 V6]

16	HIGH OIL CONSUMPTION/LEAKAGE
DESCRIPTION	• Oil consumption is excessive.
POSSIBLE CAUSE	• PCV valve malfunction • Improper dipstick • Improper engine oil viscosity • Engine internal parts malfunction

Diagnostic procedure

STEP	INSPECTION	RESULTS	ACTION
1	**INSPECT RELATED PART CONDITION** • Inspect for the following: ▪ External leakage ▪ Proper dipstick ▪ Proper engine oil viscosity • Are all items normal?	Yes	Go to the next step.
		No	Repair or replace the malfunctioning part according to the inspection results. Repeat Step 1.
2	**INSPECT IF MALFUNCTION CAUSE IS PCV VALVE OR OTHER** **NOTE:** • The PCV valve cannot be reassembled once it is removed because the tabs will have been broken. Inspect the PCV valve without removing it from the vehicle. • Inspect the PCV valve with it installed. (See **POSITIVE CRANKCASE VENTILATION (PCV) VALVE INSPECTION [MZI 3.7 V6]**.)	Yes	Replace the PCV valve. (See **POSITIVE CRANKCASE VENTILATION (PCV) VALVE REMOVAL/ INSTALLATION [MZI 3.7 V6]**.)
		No	Inspect the internal engine parts such as valves, valve guides, valve stem seals, cylinder head drain passage, and piston rings. Repair or replace the

	• Is there any malfunction?		malfunctioning part according to the inspection results.
3	Verify test results. • If normal, return to diagnostic index to service any additional symptoms. (See **SYMPTOM DIAGNOSTIC INDEX [MZI 3.7 V6]**.) • If malfunction remains, inspect related Service Bulletins and/or On-line Repair Information and perform repair or diagnosis. ▪ If vehicle is repaired, troubleshooting completed. ▪ If vehicle is not repaired or additional diagnostic information is not available, reprogram the PCM if a later calibration is available. Retest.		

< Previous Next >

Back to Top

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< Previous Next >

Back to Top