

2012 - Mazda6 - Engine

NO.22 VIBRATION CONCERNS (ENGINE) [MZI 3.7 V6]

22	VIBRATION CONCERNS (ENGINE)
DESCRIPTION	• Vibration from under hood or driveline.
POSSIBLE CAUSE	• Loose attaching bolts or worn parts ▪ Cooling fan ▪ Drive belt and pulleys ▪ Generator ▪ Engine mounts ▪ Exhaust mounts • Components malfunction such as worn parts ▪ Improper balance of wheels and tires ▪ Driveline malfunction ▪ Suspension malfunction

Diagnostic procedure

STEP	INSPECTION	RESULTS	ACTION
1	VERIFY PART INSTALLATION CONDITION • Inspect the following components for loose attaching bolts or worn parts: ▪ Cooling fan ▪ Drive belt and pulleys ▪ Generator ▪ Engine mounts ▪ Exhaust system mounts	Yes	Inspect the following systems: • Wheels • ATX • Driveline • Suspension Repair or replace the malfunctioning part according to the inspection results.
		No	Readjust or retighten the engine mount installation position.

	• All items normal?		Service if necessary for other parts.
2	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.		

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