

2012 - Mazda6 - Engine

NO.22 VIBRATION CONCERNS (ENGINE) [MZR 2.5]

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 system 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 • MTX • Driveline • Suspension Repair or replace the malfunctioning part according to the inspection results.

	• Are all items normal?	No	Readjust or retighten engine mount installation position. 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 [MZR 2.5].) ▪ 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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