

## NO.22 VIBRATION CONCERNS (ENGINE) [LF]

B3E010318881W24

<b>22</b>	<b>VIBRATION CONCERNS (ENGINE)</b>
<b>DESCRIPTION</b>	• Vibration from under hood or driveline
<b>POSSIBLE CAUSE</b>	• Loose attaching bolts or worn parts • Components malfunction such as worn parts

### Diagnostic procedure

STEP	INSPECTION	RESULTS	ACTION
1	Inspect the following components for loose attaching bolts or worn parts: <ul style="list-style-type: none"> <li>• Cooling fan</li> <li>• Drive belt and pulleys</li> <li>• Generator</li> <li>• Engine mounts</li> <li>• Exhaust system mounts</li> </ul> All items normal?	Yes	Inspect following systems: <ul style="list-style-type: none"> <li>• Wheels</li> <li>• Driveline</li> <li>• Suspension</li> </ul>
		No	Readjust or retighten engine mount installation position. Service if necessary for other parts.
2	Verify test results. <ul style="list-style-type: none"> <li>• If normal, return to diagnostic index to service any additional symptoms. (See <a href="#">ENGINE SYMPTOM TROUBLESHOOTING [LF]</a>.)</li> <li>• If malfunction remains, inspect related Service information perform repair or diagnosis.               <ul style="list-style-type: none"> <li>- If vehicle repaired, troubleshooting completed.</li> <li>- If vehicle not repaired or additional diagnostic information not available, replace the PCM. (See <a href="#">PCM REMOVAL/INSTALLATION [LF]</a>.)</li> </ul> </li> </ul>		