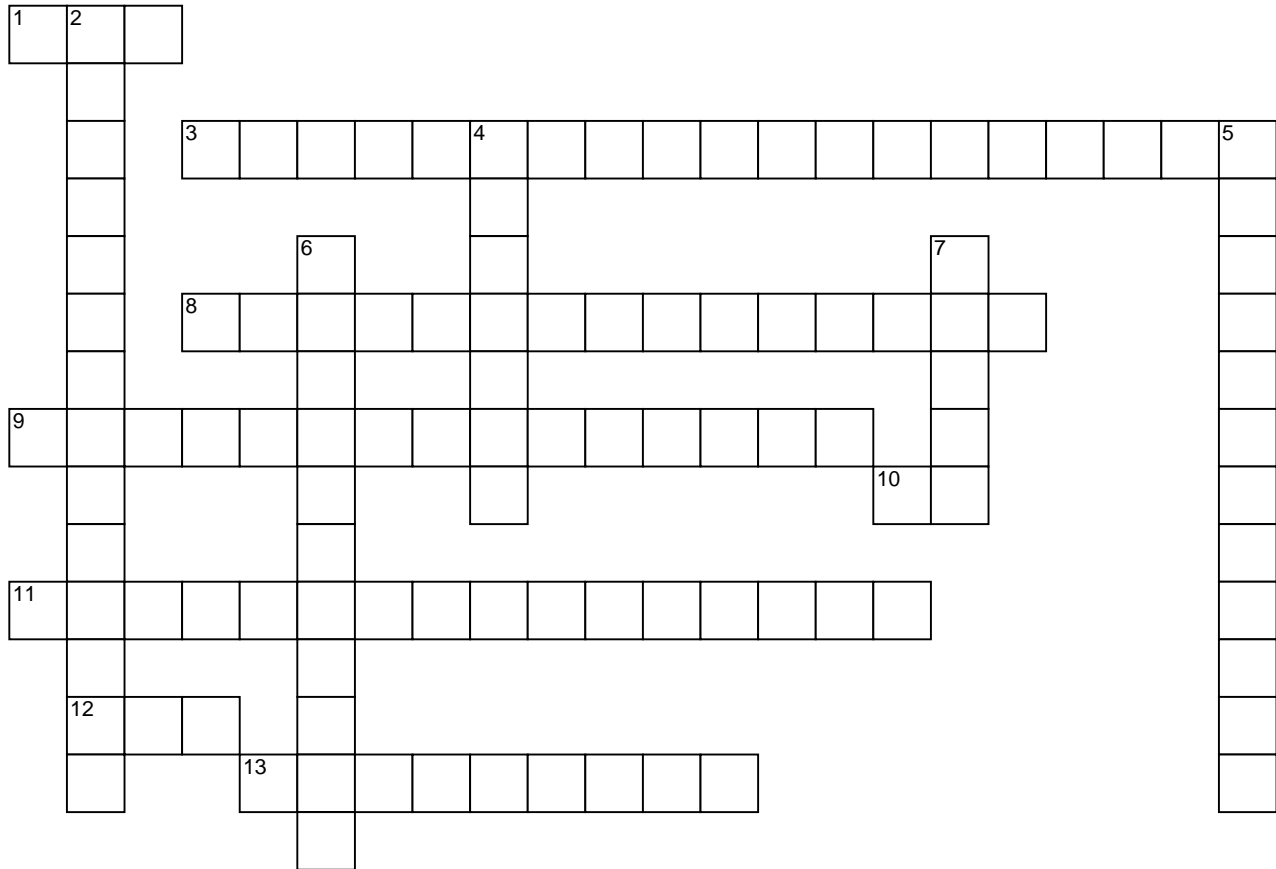


Vibration and Noise Diagnosis and Correction

Chapter 17



<http://jameshalderman.com>

ACROSS

- 1 Abbreviation for noise, vibration, and harshness.
- 3 Knowing the frequency of the vibration greatly improves the speed of tracking down the source of the vibration. Vibration can be measured using a reed tachometer or an _____ analyzer.
- 8 Incorrect _____ may be caused by worn, collapsed, or defective engine or transmission mount(s).
- 9 The maximum allowable runout is 0.030 inch (0.8 mm). If runout exceeds 0.030 inch, remove the driveshaft from the rear end and reindex the driveshaft onto the _____ at 180 degrees from its original location.
- 10 Abbreviation for hertz.
- 11 Check to see that the driveshaft is not bent by performing a _____ test using a dial indicator.
- 12 Abbreviation for an electronic vibration analyzer.
- 13 The number of times a complete motion cycle takes place during a period of one second is called _____ and is measured in hertz.

DOWN

- 2 _____ is the number of vibrations created in one revolution of a component.
- 4 The _____ circumference of the tire is usually shorter due to the contact patch.
- 5 A _____ test is used to determine if the source of the vibration is engine-related.
- 6 Rubber exhaust system hangers are used to isolate noise and vibration from the exhaust system from entering the interior. These rubber supports can fail causing the exhaust system to be out of proper location. It was found by looking for evidence of _____.
- 7 The number of times a complete motion cycle takes place during a period of one second is called frequency and is measured in _____.