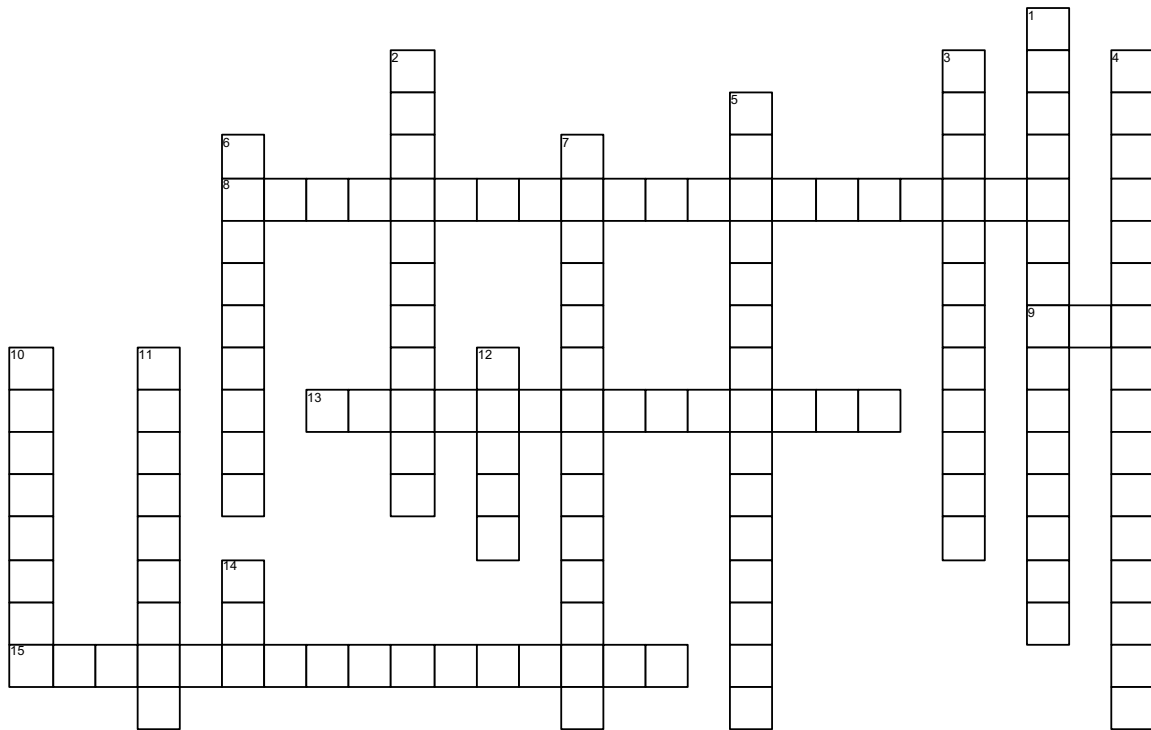


# Vibration and Noise Diagnosis and Correction

## Chapter 17



<http://jameshaldeman.com>

### ACROSS

- 8 The \_\_\_\_\_ of the tire is usually shorter due to the contact patch.
- 9 Dampening weights are fastened to engines or transmissions in an effort to minimize \_\_\_\_.
- 13 \_\_\_\_\_ is difficult because a noise is easily transmitted from its source to other places in the vehicle.
- 15 The \_\_\_\_\_ - \_\_\_\_\_ is used to determine if the source of the vibration is engine-related.

### DOWN

- 1 Incorrect \_\_\_\_\_ can be caused by worn, damaged, or improperly installed U-joints.
- 2 Vibration describes an \_\_\_\_\_ motion around a reference position.
- 3 Some noises and vibrations can be found by looking for evidence of \_\_\_\_\_.
- 4 Check to see that the driveshaft is not bent by performing a \_\_\_\_\_ test using a dial indicator.
- 5 If runout exceeds 0.030 in., remove the driveshaft from the rear end and reindex the driveshaft onto the \_\_\_\_\_ at 180 degrees from its original location.
- 6 The number of times a complete motion cycle takes place during a period of 1 second is called \_\_\_\_\_.
- 7 \_\_\_\_\_ is the number of vibrations created in one revolution of a component.
- 10 A typical exhaust system can \_\_\_\_\_ up to 2 in. when warm.
- 11 The first thing a technician should do when given a vibration or noise problem is to \_\_\_\_\_ the condition.
- 12 \_\_\_\_\_ is what is used to measure frequency.
- 14 Vibration can be measured using an \_\_\_\_\_.