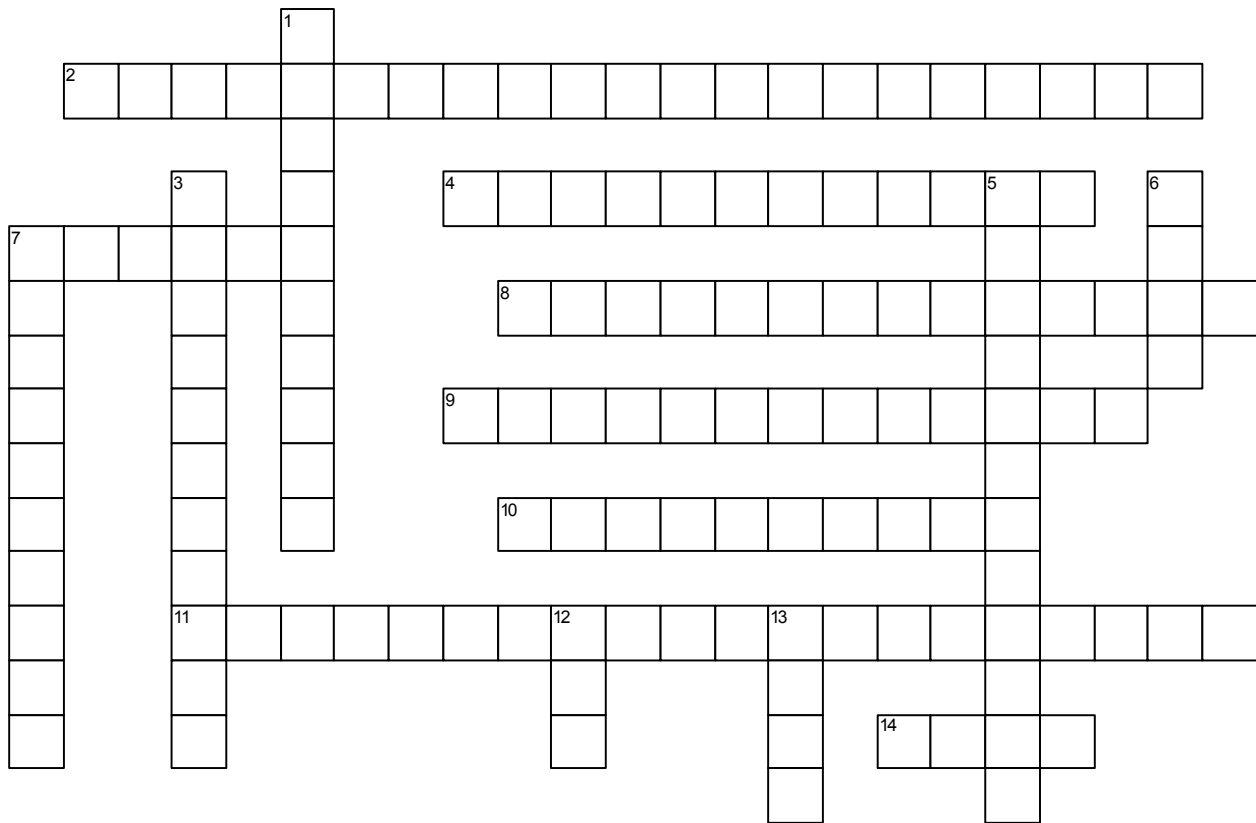


# Wheel Bearings And Service

## Chapter 11



<http://jameshaldeman.com>

### ACROSS

- 2 The most commonly used automotive wheel bearing is the \_\_\_\_\_.
- 4 \_\_\_\_\_ use hardened steel balls between the inner and outer race to reduce friction.
- 7 \_\_\_\_\_ is oil with a thickening agent to allow it to be installed in places where a liquid lubricant would not stay.
- 8 \_\_\_\_\_ use rollers between the inner and outer race to reduce friction.
- 9 A needle bearing is a type of roller bearing that uses smaller rollers called \_\_\_\_\_.
- 10 Tapered roller bearings can withstand \_\_\_\_\_ in one direction.
- 11 \_\_\_\_\_ use rolling parts inside the bearing to reduce friction.
- 14 Another name for the inner race is the \_\_\_\_\_.

### DOWN

- 1 If a bump is hit while driving with a heavy load, the balls of a ball bearing or the rollers of a roller bearing can make an indent in the race of the bearing, this dent is called \_\_\_\_\_.
- 3 By design a tapered roller bearing can withstand \_\_\_\_\_.
- 5 The lip is often held in contact with the moving part with the aid of a \_\_\_\_\_.
- 6 The rollers are held in place by a \_\_\_\_\_ between the inner race and the outer race.
- 7 Install a new \_\_\_\_\_ flush with the hub using a seal driver.
- 12 Another name for the outer race is the \_\_\_\_\_.
- 13 The \_\_\_\_\_ uses the penetration test as a guide to assign the grease a number.