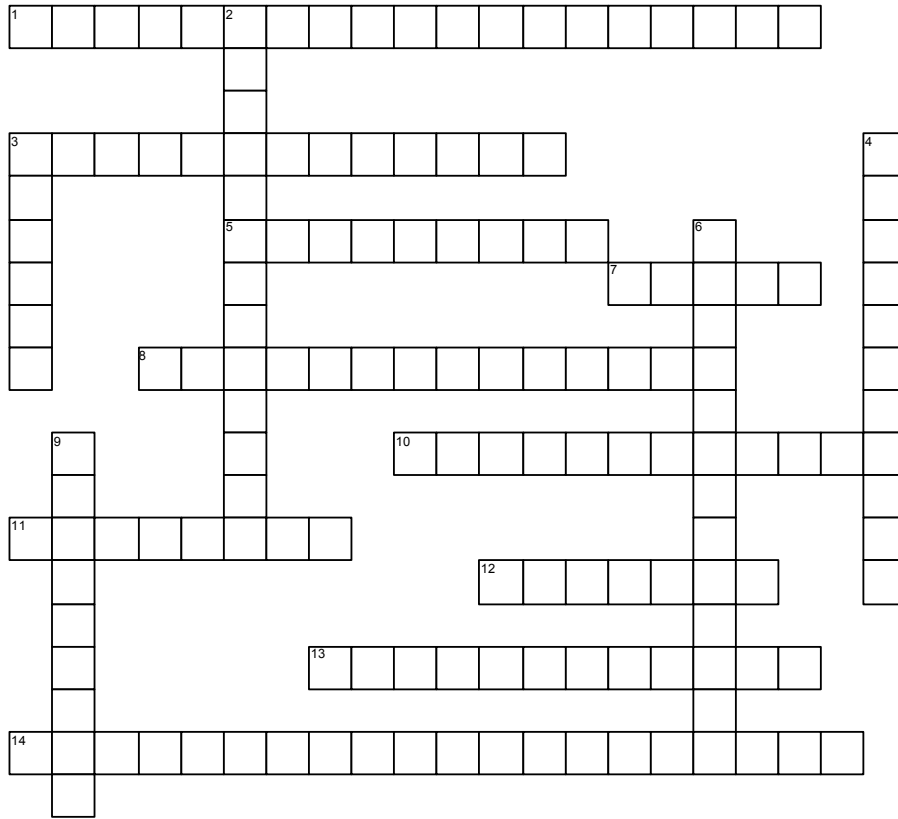


# Tire And Wheel Service

## Chapter 47



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### ACROSS

- 1 For \_\_\_\_\_, make certain that the wheel studs are clean and dry, and torqued to the manufacturer's specifications.
- 3 The term \_\_\_\_\_ means that the weight mass is evenly distributed around the axis of rotation.
- 5 The tire rotation method most often recommended is the \_\_\_\_\_ method.
- 7 An up-and-down-type vibration is called a \_\_\_\_\_.
- 8 The term \_\_\_\_\_ means that the centerline of weight mass is in the same plane as the centerline of the wheel.
- 10 To ensure long life and even tire wear, \_\_\_\_\_ is essential.
- 11 Some shops recommend and inflate tires using \_\_\_\_\_ instead of using compressed air.
- 12 When removing a wheel from a vehicle for service, mark the location of the wheel and \_\_\_\_\_ to ensure that the wheel can be replaced in exactly the same location.
- 13 To check wheel \_\_\_\_\_, the dial indicator plunger tip rides on a horizontal surface of the wheel, such as the bead seat.
- 14 A condition called \_\_\_\_\_ can cause a vibration even if correctly balanced.

### DOWN

- 2 Mounting the tires on the rim with the valve stem matched to the mark on the tire is called \_\_\_\_\_.
- 3 A back-and-forth-type vibration is called a \_\_\_\_\_.
- 4 A drop in inflation pressure can result in a drop of \_\_\_\_\_.
- 6 A bent wheel can be checked using a runout gauge on the side of the wheel to check for \_\_\_\_\_.
- 9 Use special lubricant such as rendered \_\_\_\_\_ or rubber lubricant to help prevent tire rotation on the rim.