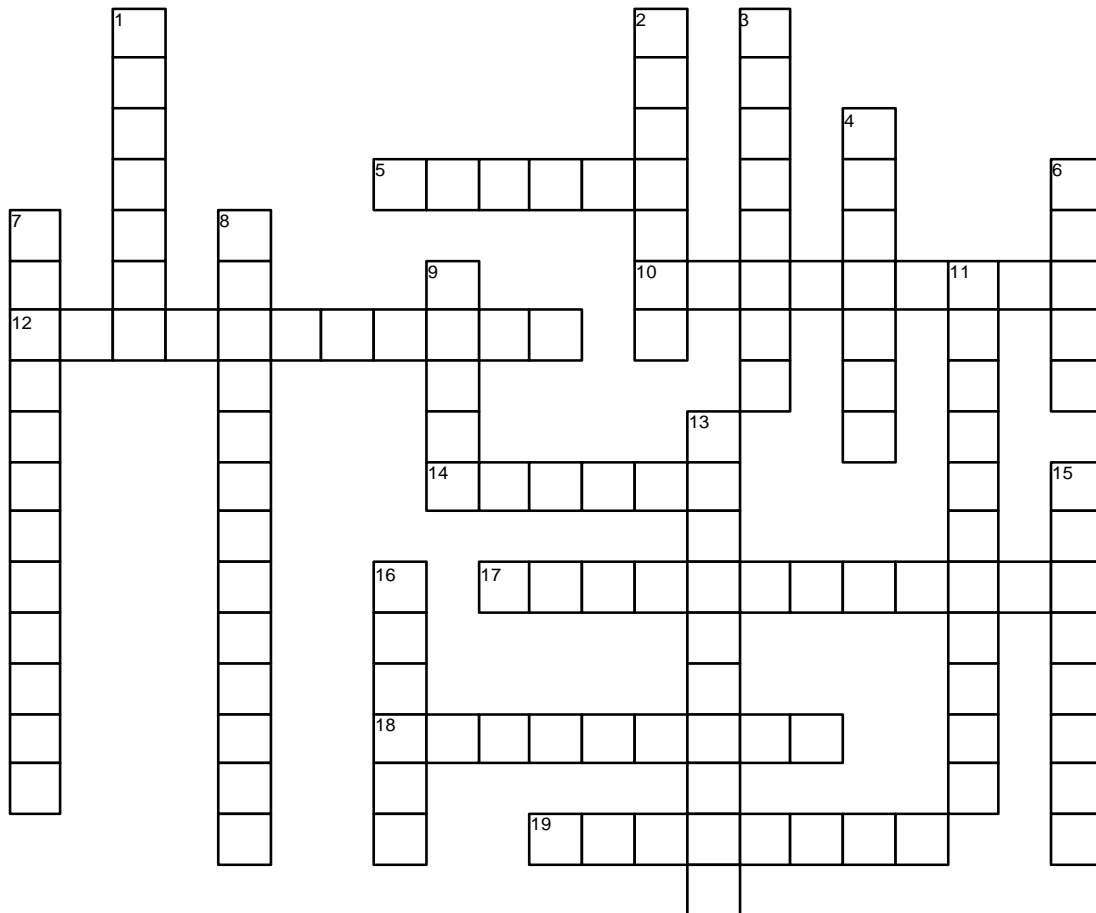


Tire And Wheel Service

Chapter 110



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ACROSS

- 5 All vehicle manufacturers recommend that the lug nuts be tightened to factory specifications using a _____ wrench.
- 10 Use special lubricant such as rendered _____ or rubber lubricant to help prevent tire rotation on the rim.
- 12 A condition called _____ variation can cause a vibration even if correctly balanced.
- 14 Tires should always be inflated to the pressure indicated on the driver's door or _____ sticker.
- 17 To check wheel _____, the dial indicator plunger tip rides on a horizontal surface of the wheel, such as the bead seat.
- 18 The tire rotation method most often recommended is the _____ method.
- 19 Step 1 in installing new tires is cleaning the wheel flange (_____) of any dirt, scale, corrosion, or loose flaked rubber buildup prior to mounting the tire to insure of a proper seal.

DOWN

- 1 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.
- 2 A bent wheel can be checked using a runout gauge on the side of the wheel to check for _____ runout.
- 3 For wheel _____ torque, make certain that the wheel studs are clean and dry, and torqued to the manufacturer's specifications.
- 4 The term _____ balance means that the centerline of weight mass is in the same plane as the centerline of the wheel.
- 6 Mounting the tires on the rim with the valve stem matched to the mark on the tire is called _____ mounting.
- 7 To ensure long life and even tire wear, _____ is essential.
- 8 The term _____ means that the weight mass is evenly distributed around the axis of rotation.
- 9 An up-and-down-type vibration is called a _____.
- 11 A drop in inflation pressure can result in a drop of _____.
- 13 _____ should always be measured when inspecting tires and the result recorded in the work order.
- 15 Some shops recommend and inflate tires using _____ instead of using compressed air.
- 16 A back-and-forth-type vibration is called a _____.