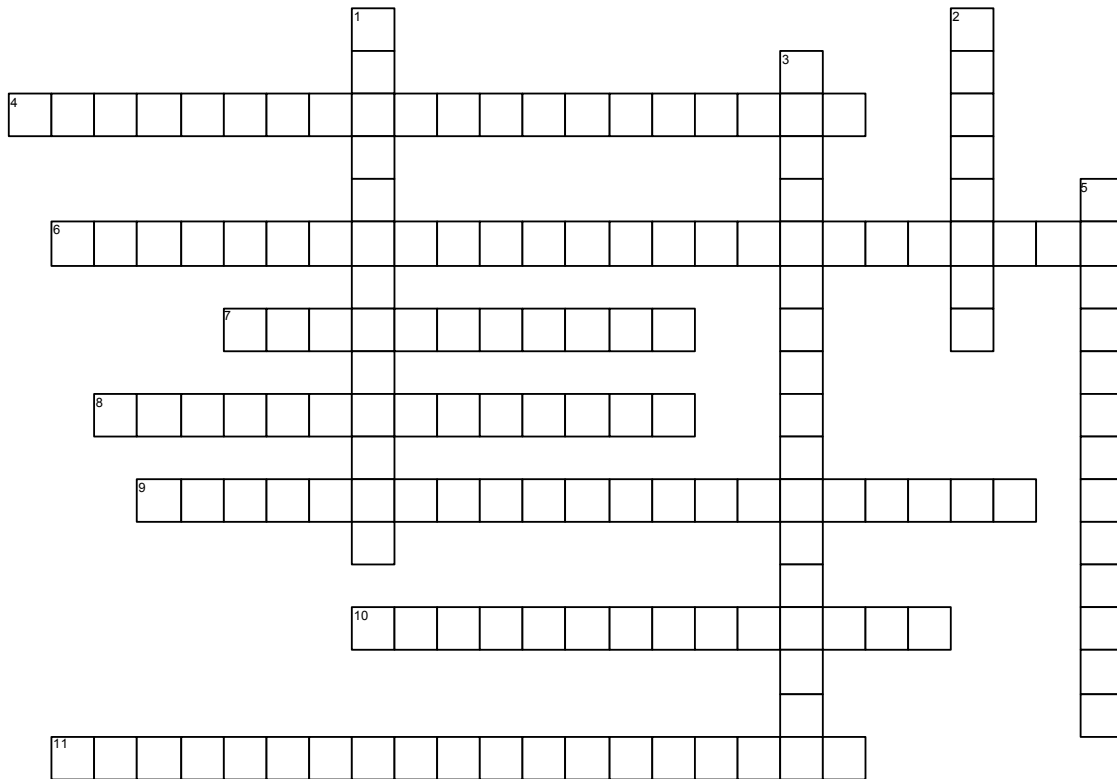


Drive Axle and Differential Diagnosis and Service

Chapter 13



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ACROSS

- 4 An important requirement while replacing the pinion shaft seal is to not disturb the drive _____ adjustment.
- 6 _____ is usually checked by using a dial indicator with the stylus on a side gear tooth.
- 7 The bearing spacer will be either a collapsible _____ or a fixed-length solid spacer.
- 8 _____ is usually caused by a faulty or bent differential case or an improper mounting of the ring gear onto the case.
- 9 _____ places enough pressure on the carrier bearings to hold the ring gear in proper mesh with the pinion gear without putting unnecessary load and drag on the bearings.
- 10 A tooth _____ test is an excellent method for checking proper drive pinion depth as well as proper backlash between the drive pinion and the ring gear.
- 11 _____ is used to find the tooth contact pattern.

DOWN

- 1 After installation of the pinion depth shim, pinion seal, and rear bearing, the _____ is placed on the pinion shaft and the pinion gear is installed in the carrier.
- 2 A drivetrain clunk during a power change can be caused by too much internal _____.
- 3 Because gear runout will cause backlash to change, it is sometimes referred to as _____.
- 5 The production shims are normally replaced with a fixed-size _____ and a selective-size shim when the carrier is adjusted.