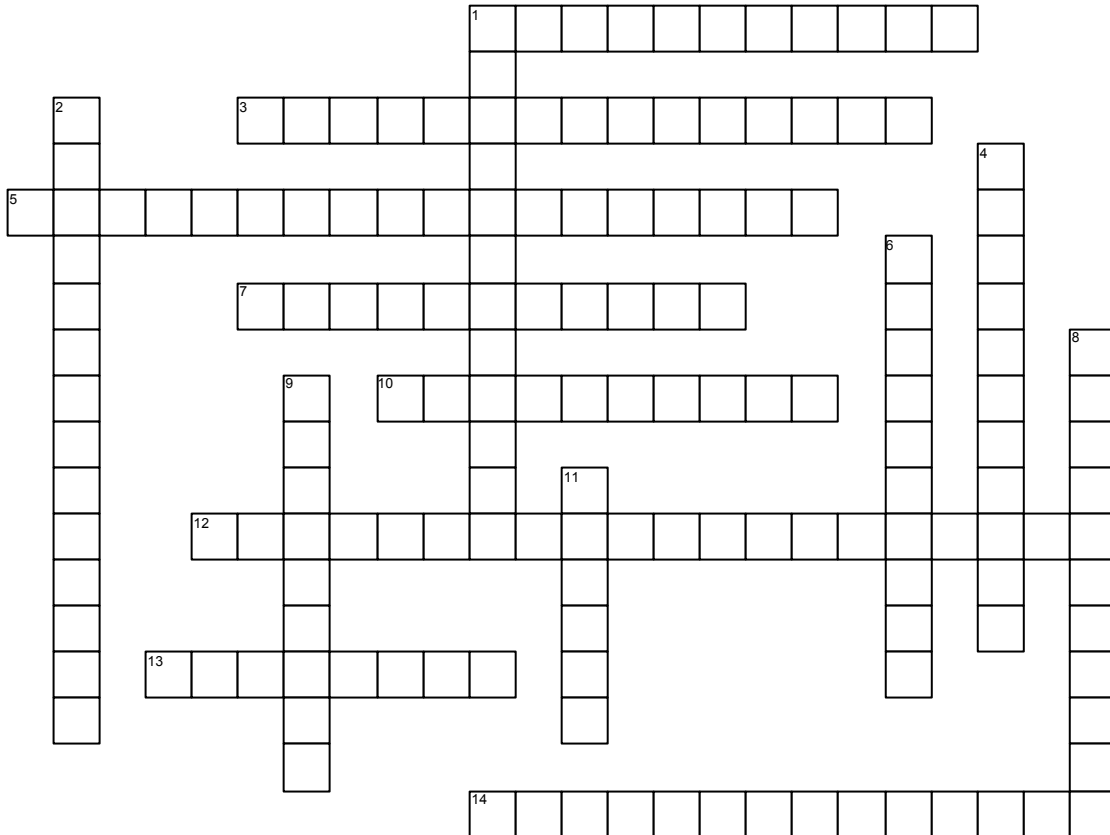


# Drive Axle Shafts And CV Joints

## Chapter 123



<http://jameshaldeman.com>

### ACROSS

- 1 The \_\_\_\_\_ must be able to remain flexible under all weather conditions and still be strong enough to avoid being punctured by road debris.
- 3 \_\_\_\_\_ are used at both ends of a driveshaft.
- 5 The angle at which a \_\_\_\_\_ - \_\_\_\_\_ can function is about 18° to 20°.
- 7 Outer CV joints are called \_\_\_\_\_.
- 10 \_\_\_\_\_ is the term used by the SAE to describe the shaft between the transmission and the rear axle assembly on a RWD vehicle.
- 12 A \_\_\_\_\_ must be used if a driveshaft is needed to be longer than 65 inches.
- 13 \_\_\_\_\_ are designed to rotate without changing speed.
- 14 Another name for a half shaft is a \_\_\_\_\_.

### DOWN

- 1 Most U-joints are called cross-yoke joints or \_\_\_\_\_.
- 2 General Motors and some other manufacturers use the term \_\_\_\_\_ to describe the driveshaft.
- 4 The \_\_\_\_\_ transfers torque through six round balls that are held in position midway between the two shafts.
- 6 Unequal-length \_\_\_\_\_ result in unequal drive axle shaft angles to the front drive wheels.
- 8 Another name for an inner CV joint is a \_\_\_\_\_.
- 9 The four arms of the cross on a U-joint are called \_\_\_\_\_.
- 11 A simple universal joint can be made from two Y-shaped yokes connected by a crossmember called a cross or \_\_\_\_\_.