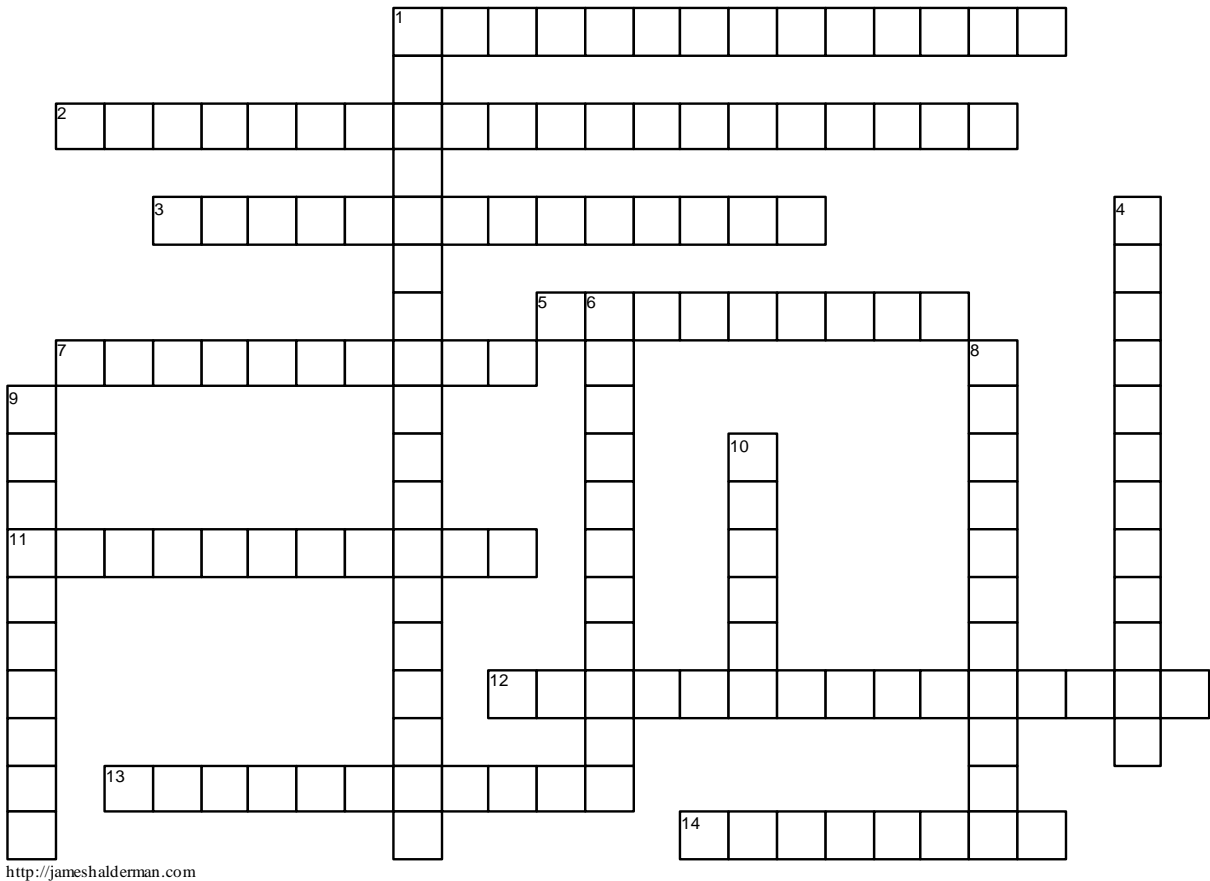


# Drive Axle Shafts And CV Joints

## Chapter 9



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### ACROSS

- Another name for a half shaft is a \_\_\_\_\_.
- A \_\_\_\_\_ must be used if a driveshaft is needed to be longer than 65 inches.
- General Motors and some other manufacturers use the term \_\_\_\_\_ to describe the driveshaft.
- The four arms of the cross on a U-joint are called \_\_\_\_\_.
- \_\_\_\_\_ is the term used by the SAE to describe the shaft between the transmission and the rear axle assembly on a RWD vehicle.
- Outer CV joints are called \_\_\_\_\_.
- \_\_\_\_\_ are used at both ends of a driveshaft.
- The \_\_\_\_\_ must be able to remain flexible under all weather conditions and still be strong enough to avoid being punctured by road debris.
- \_\_\_\_\_ are designed to rotate without changing speed.

### DOWN

- The angle at which a \_\_\_\_\_ can function is about 18° to 20°.
- Most U-joints are called cross-yoke joints or \_\_\_\_\_.
- The \_\_\_\_\_ transfers torque through six round balls that are held in position midway between the two shafts.
- Another name for an inner CV joint is a \_\_\_\_\_.
- Unequal-length \_\_\_\_\_ result in unequal drive axle shaft angles to the front drive wheels.
- A simple universal joint can be made from two Y-shaped yokes connected by a crossmember called a cross or \_\_\_\_\_.