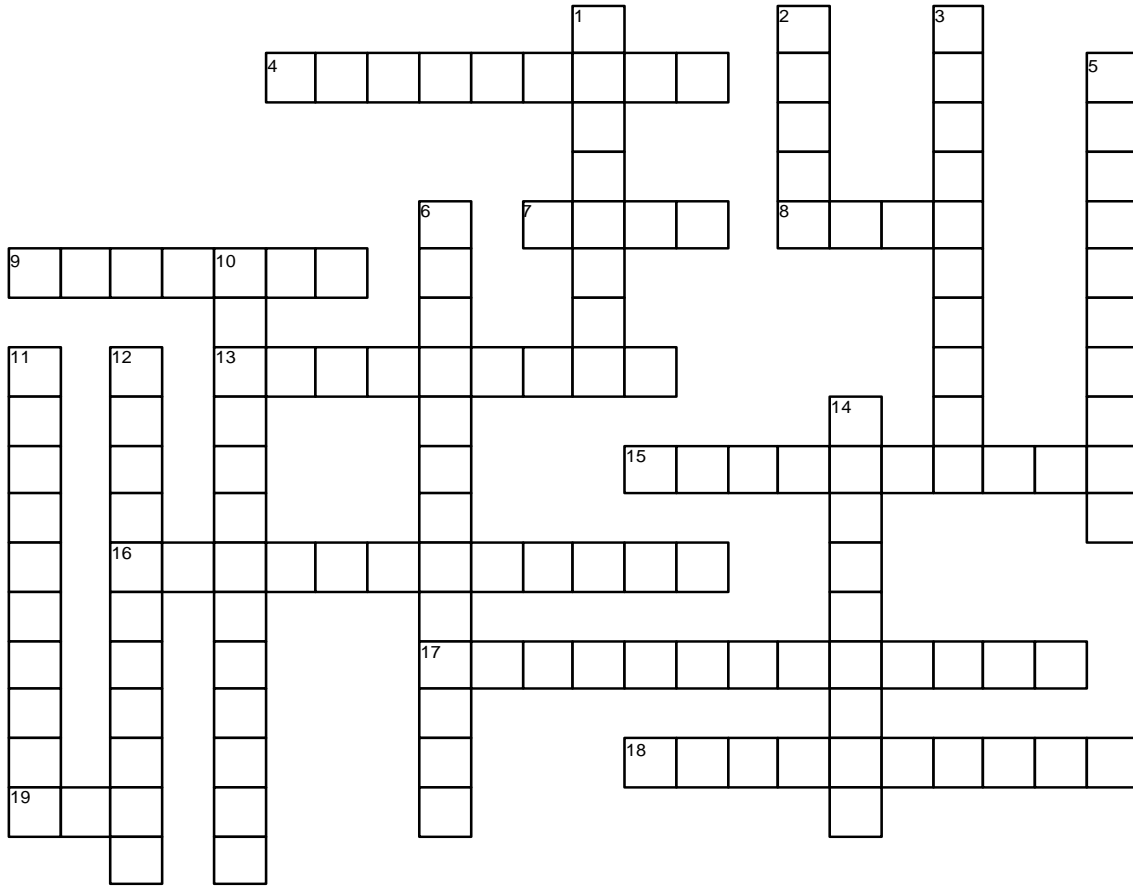


Steering Linkage And Service

Chapter 116



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ACROSS

- 4 ____-____ steering means that the front and rear wheels are steered in the same direction.
- 7 A ____ fitting is another name for a grease fitting.
- 8 The ____ provides one analog signal and three digital signals.
- 9 A parallelogram-type linkage uses four ____ ____, two inner and two outer.
- 13 A ____ ____ attaches to the steering gear output shaft on a parallelogram-type steering linkage.
- 15 ____ ____-off racks use bolts to secure the inner tie rods to the rack.
- 16 The ____ test is performed by disconnecting the outer tie rod end and measuring the effort required to move the tie rod in the socket.
- 17 It is important that all joints be lubricated with chassis grease through a ____ ____.
- 18 A ____ ____ is located between the tie rods on a parallelogram-type steering linkage.
- 19 An ____ is a tie rod end that requires no lubrication.

DOWN

- 1 A steering ____ is similar to a shock absorber, and it absorbs and dampens sudden motions in the steering linkage.
- 2 Steering ____ are the projections or built-up areas on the control arms of the front suspension designed to limit the steering movement at full lock.
- 3 Another name for the inner tie rod end is the ____ ____ assembly.
- 5 One type of steering linkage often used on light trucks and vans is the ____-____ linkage.
- 6 Most conventional steering gear linkages use the ____-type design.
- 10 ____ ____ steering is when the front wheels and rear wheels are steered in the opposite direction.
- 11 ____ ____ is the term used to describe a vehicle that has the steering gear in front of the front wheel centerline.
- 12 One of the most effective, yet easy to perform, steering component inspection methods is called the ____ ____.
- 14 If the steering gear linkage is located behind the wheels, it is called ____ ____.