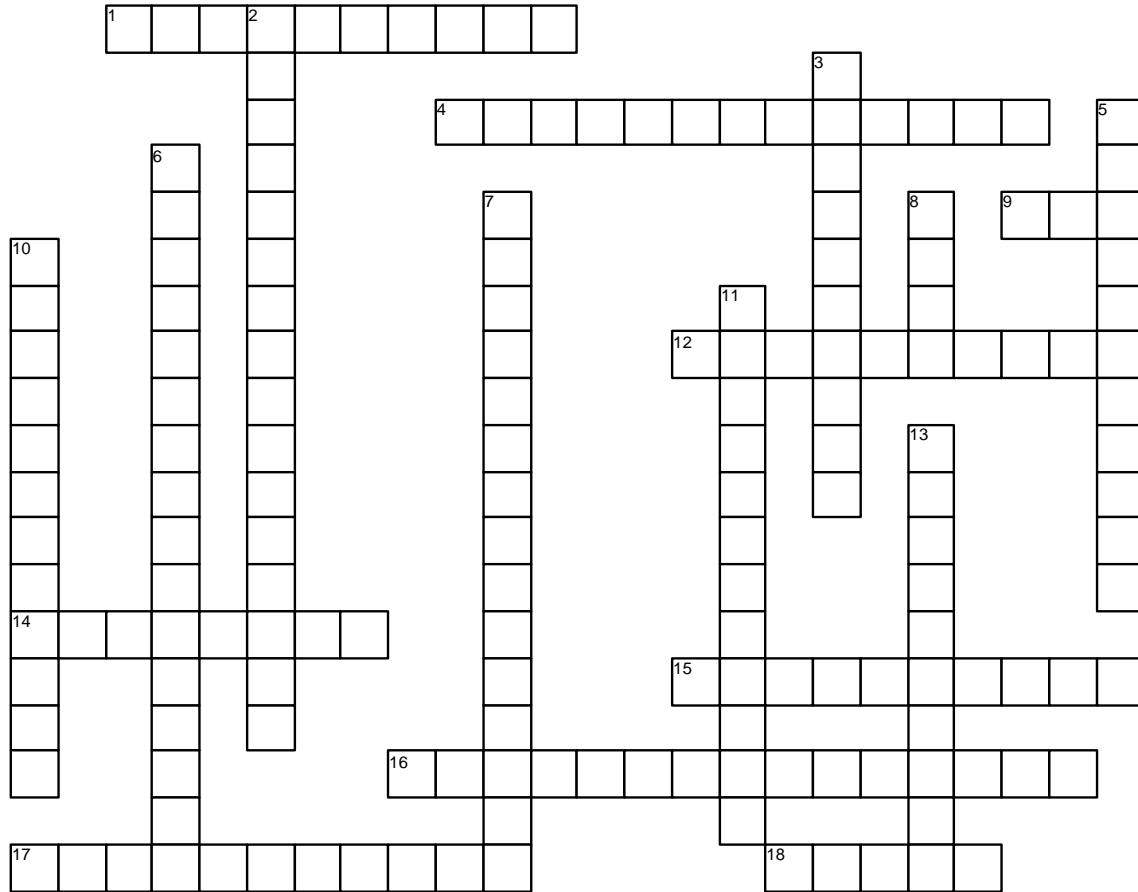


Braking System Components And Performance Standards

Chapter 96



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ACROSS

- 1 The FMVSS are established by the _____ of Transportation (DOT).
- 4 _____ are the main driver-operated brakes of the vehicle.
- 9 _____ is another name for adjustable pedals.
- 12 Another name for service brakes are _____.
- 14 The _____ warning lamp (RBWL) lights whenever a hydraulic system failure occurs or low brake fluid level has been detected.
- 15 _____ are used on the rear of many rear-wheel-drive, front-wheel-drive, and four-wheel-drive vehicles.
- 16 The purpose of an _____ system is to prevent the wheels from locking during

braking, especially on low-friction surfaces such as wet, icy, or snowy roads.

- 17 The _____ (power brake) _____ is used on most vehicles to reduce the force that the driver must exert on the brake pedal.
- 18 The statutes pertaining to automotive brake systems are part of the _____ established by the US DOT.

DOWN

- 2 _____ place the brake pedal and the accelerator pedal on movable brackets that are motor operated.
- 3 The driver starts the operation of the braking system by pressing on the _____.
- 5 The _____ includes all the levers, pedals, or linkage needed to activate a braking force.

6 Another name for service brakes are _____.

- 7 The brake pedal force is transferred to the _____, where the force is directed through lines and hoses to the wheel brakes.
- 8 The actual performance tests are made with the vehicle loaded to both the manufacturer's specified _____ and the LLVW, with certain applied brake forces.
- 10 The driver starts the operation of the braking system by applying the _____.
- 11 The _____ alone holds the vehicle stationary in either the forward or reverse direction on a 20% grade for a period of at least 5 minutes.
- 13 _____ are used on the front of most vehicles built since the early 1970s and on the rear wheels of many vehicles.