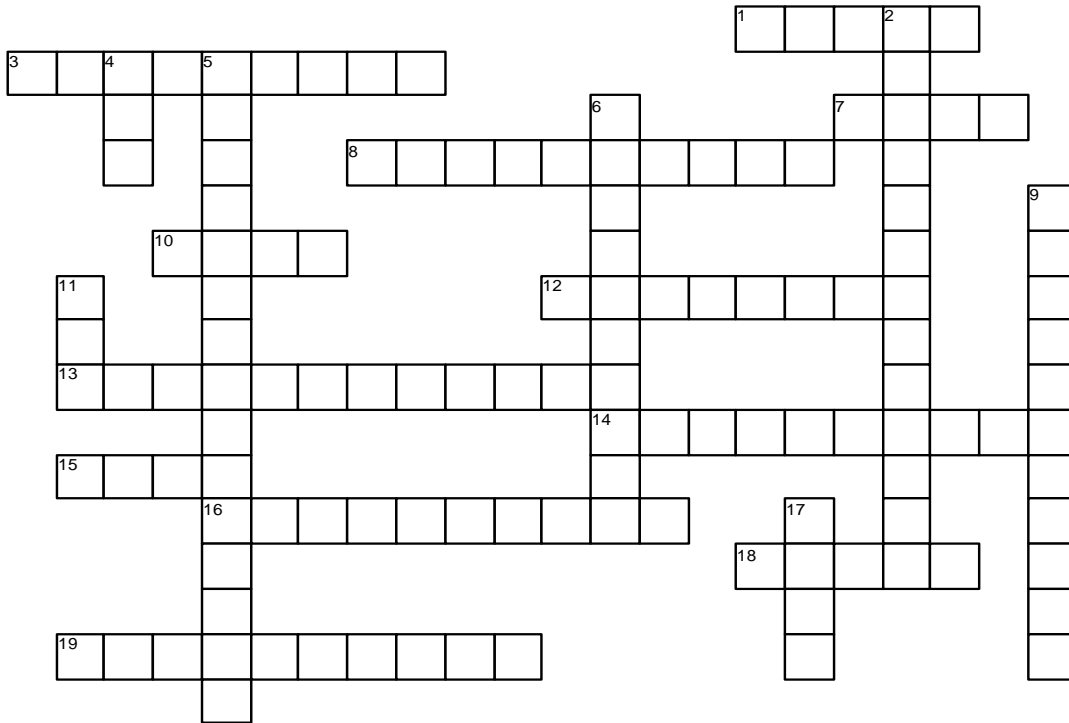


Braking System Components And Performance Standards

Chapter 4



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ACROSS

- 1 The statutes pertaining to automotive brake systems are part of the _____ established by the US DOT.
- 3 The brake pedal force is transferred to the _____ system, where the force is directed through lines and hoses to the wheel brakes.
- 7 _____ brakes are used on the rear of many rear-wheel-drive, front-wheel-drive, four-wheel-drive vehicles.
- 8 Another name for service brakes are _____.
- 10 Brake performance tests are made with the vehicle loaded to both the manufacturer's specified GVWR and the _____, with certain brake forces.
- 12 The _____ warning lamp lights whenever a hydraulic system failure occurs.
- 13 The driver starts the operation of the braking system by applying the _____.
- 14 _____ are used on the front of most vehicles built since the early 1970s and on the rear wheels of many vehicles.
- 15 The actual performance tests are made with the vehicle loaded to both the manufacturer's specified _____ and the LLWV, with certain applied brake forces.
- 16 _____ pedals place the brake pedal and the accelerator pedal on movable brackets that are motor operated.
- 18 The _____ system is used on most vehicles to reduce the force that the driver must exert on the brake pedal.
- 19 Another name for service brakes are _____ brakes.

DOWN

- 2 _____ are the main driver-operated brakes of the vehicle.
- 4 The abbreviation for the Department of Transportation is _____.
- 5 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.
- 6 The driver starts the operation of the braking system by pressing on the _____.
- 9 The _____ includes all the levers, pedals, or linkage needed to activate a braking force.
- 11 _____ is another name for adjustable pedals.
- 17 The _____ Effectiveness test is performed to determine if the vehicle has sufficient stopping power when the brake lining materials are not preheated by previous stops.