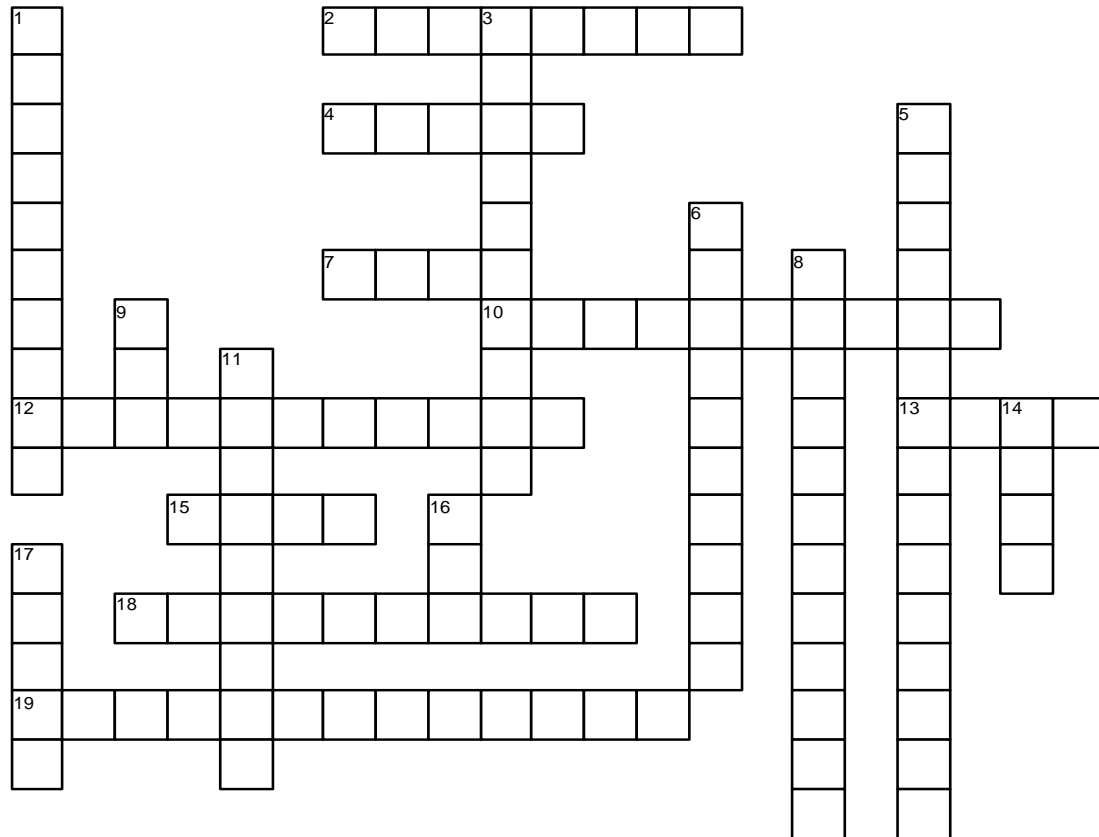


Braking System Components And Performance Standards

Chapter 93



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ACROSS

- 2 The ___ ___ warning lamp lights whenever a hydraulic system failure occurs.
- 4 The statutes pertaining to automotive brake systems are part of the ___ established by the US DOT.
- 7 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 ___ pedals place the brake pedal and the accelerator pedal on movable brackets that are motor operated.
- 12 The ___ ___ includes all the levers, pedals, or linkage needed to activate a braking force.
- 13 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.
- 15 ___ brakes are used on the rear of many rear-wheel-drive, front-wheel-drive, four-wheel-drive vehicles.
- 18 Another name for service brakes are _____ brakes.
- 19 ___ ___ are the main driver-operated brakes of the vehicle.

DOWN

- 1 The driver starts the operation of the braking system by pressing on the ___ ___.
- 3 Another name for service brakes are ___ ___.
- 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 ___ ___ are used on the front of most vehicles built since the early 1970s and on the rear wheels of many vehicles.
- 8 The driver starts the operation of the braking system by applying the ___ ___.
- 9 ___ is another name for adjustable pedals.
- 11 The brake pedal force is transferred to the ___ system, where the force is directed through lines and hoses to the wheel brakes.
- 14 Brake performance tests are made with the vehicle loaded to both the manufacturer's specified GVWR and the ___, with certain brake forces.
- 16 The abbreviation for the Department of Transportation is ___.
- 17 The ___ system is used on most vehicles to reduce the force that the driver must exert on the brake pedal.