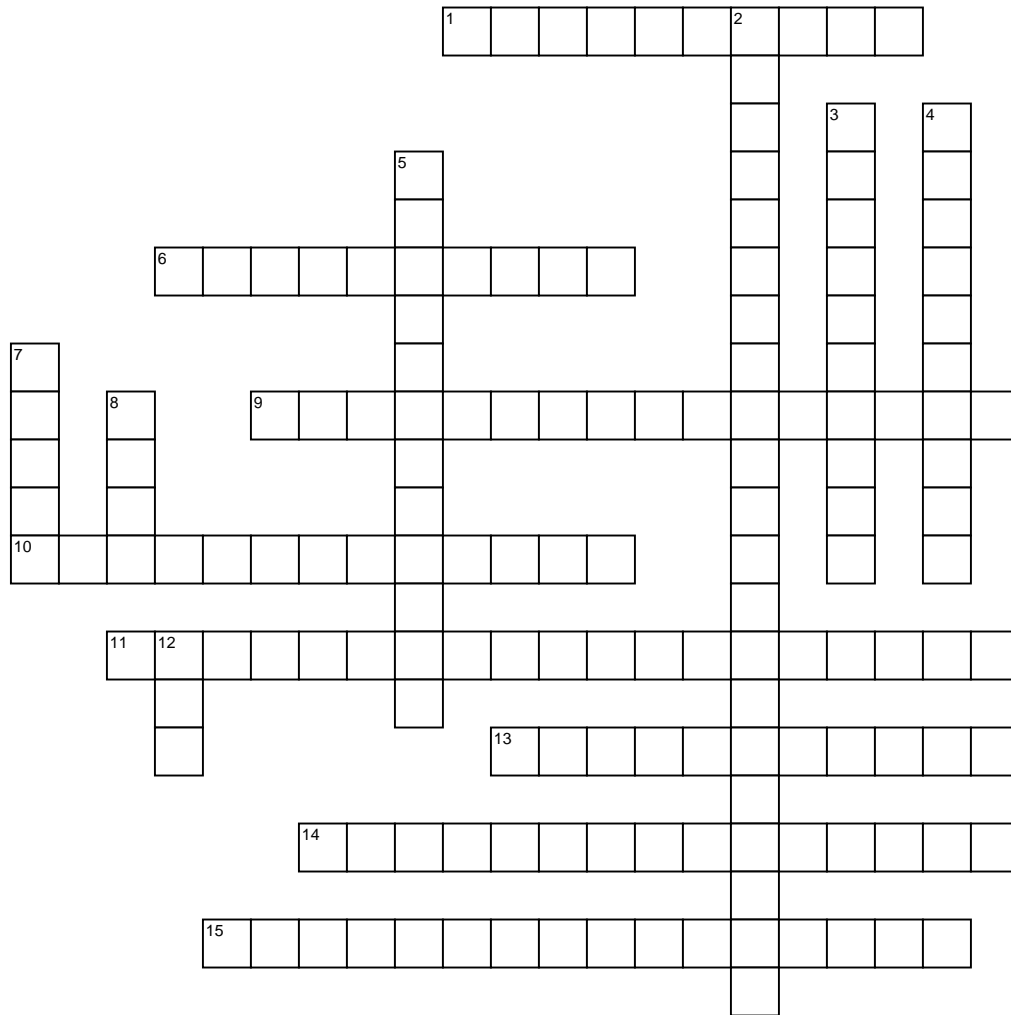


# Braking System Components And Performance Standards

## Chapter 3



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### ACROSS

- 1 Another name for service brakes are \_\_\_\_.
- 6 \_\_\_\_ are used on the front of most vehicles built since the early 1970s and on the rear wheels of many vehicles.
- 9 Another name for service brakes are \_\_\_\_\_.
- 10 \_\_\_\_\_ are the main driver-operated brakes of the vehicle.
- 11 The \_\_\_\_\_ lights whenever a hydraulic system failure occurs.
- 13 The \_\_\_\_\_ includes all the levers, pedals, or linkage needed to activate a braking force.
- 14 The brake pedal force is transferred to the \_\_\_\_\_, where the force is directed through lines and hoses to the wheel brakes.
- 15 \_\_\_\_\_ place the brake pedal and the accelerator pedal on movable brackets that are motor operated.

### DOWN

- 2 The purpose of an \_\_\_\_\_ is to prevent the wheels from locking during braking, especially on low-friction surfaces such as wet, icy, or snowy roads.
- 3 \_\_\_\_\_ are used on the rear of many rear-wheel-drive, front-wheel-drive, and four-wheel-drive vehicles.
- 4 The driver starts the operation of the braking system by pressing on the \_\_\_\_\_.
- 5 The driver starts the operation of the braking system by applying the \_\_\_\_\_.
- 7 The statutes pertaining to automotive brake systems are part of the \_\_\_\_\_ established by the US DOT.
- 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.
- 12 \_\_\_\_\_ is another name for adjustable pedals.