Brake System Components
Chapter 53

ACROSS
1 ______ are used on the rear of many rear-wheel-drive, front-wheel-drive, and four-wheel-drive vehicles.
4 The _____ _______ lights whenever a hydraulic system failure occurs.
6 ____________ place the brake pedal and the accelerator pedal on movable brackets that are motor operated.
7 The _____ ______ includes all the levers, pedals, or linkage needed to activate a braking force.
11 The actual performance tests are made with the vehicle loaded to both the manufacturer's specified _____ and the LLWV, with certain applied brake forces.
12 _______ are the main driver-operated brakes of the vehicle.
13 Another name for service brakes are ____________.
14 The brake pedal force is transferred to the _________, where the force is directed through lines and hoses to the wheel brakes.
15 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.

DOWN
2 The driver starts the operation of the braking system by pressing on the _______.
3 ___ is another name for adjustable pedals.
5 Another name for service brakes are ________.
8 The driver starts the operation of the braking system by applying the ________.
9 _______ are used on the front of most vehicles built since the early 1970s and on the rear wheels of many vehicles.
10 The statutes pertaining to automotive brake systems are part of the _____ established by the US DOT.