ACROSS
3 A ______ is used on all vehicles built after 1967 with dual master cylinders to warn the driver of a loss of pressure in one of the two separate systems by lighting the dashboard brake warning indicator lamp.
4 Brake engineers refer to the ratio of front to rear brake pressure proportioning as the _____.
6 Most vehicle manufacturers combine the function of a proportioning valve with one or more other valves into one unit called a __________.
7 A ___________ has been used on some drum brake systems to keep a slight amount of pressure, about 5 to 12 PSI, on the entire hydraulic system for drum brakes.
9 A metering valve consists of a piston controlled by a strong spring and a ______ controlled by a weak spring.
10 The job of the ______ is to turn on the brake lights at the back of the vehicle when the brakes are applied.
12 A _______ improves brake balance during hard stops by limiting hydraulic pressure to the rear brakes.
13 ___________ in the antilock braking systems is accomplished by monitoring front- and rear-wheel speeds, and reducing pressure to the rear brakes as needed using the ABS solenoids when there is a difference in wheel deceleration rates.
14 A ___________ is used on all front-disc, rear-drum-brake-equipped vehicles.
15 Many vehicles use a proportioning valve that varies the amount of pressure that can be sent to the rear brakes depending on the height of the rear suspension; this type of valve is called a ______ proportioning valve.

DOWN
1 If the button is rubber coated, then you ______.
2 Many master cylinders, especially systems that are diagonal split, usually use a __________ or switch in the master cylinder reservoir.
5 If the button is steel, then ______.
8 The residual check valve has been eliminated by equipping the wheel cylinder internal spring with a sealing cup ______ to prevent sealing cup lip collapse.
11 Before proportioning action will begin, brake system hydraulic pressure must reach a minimum level called the ________.