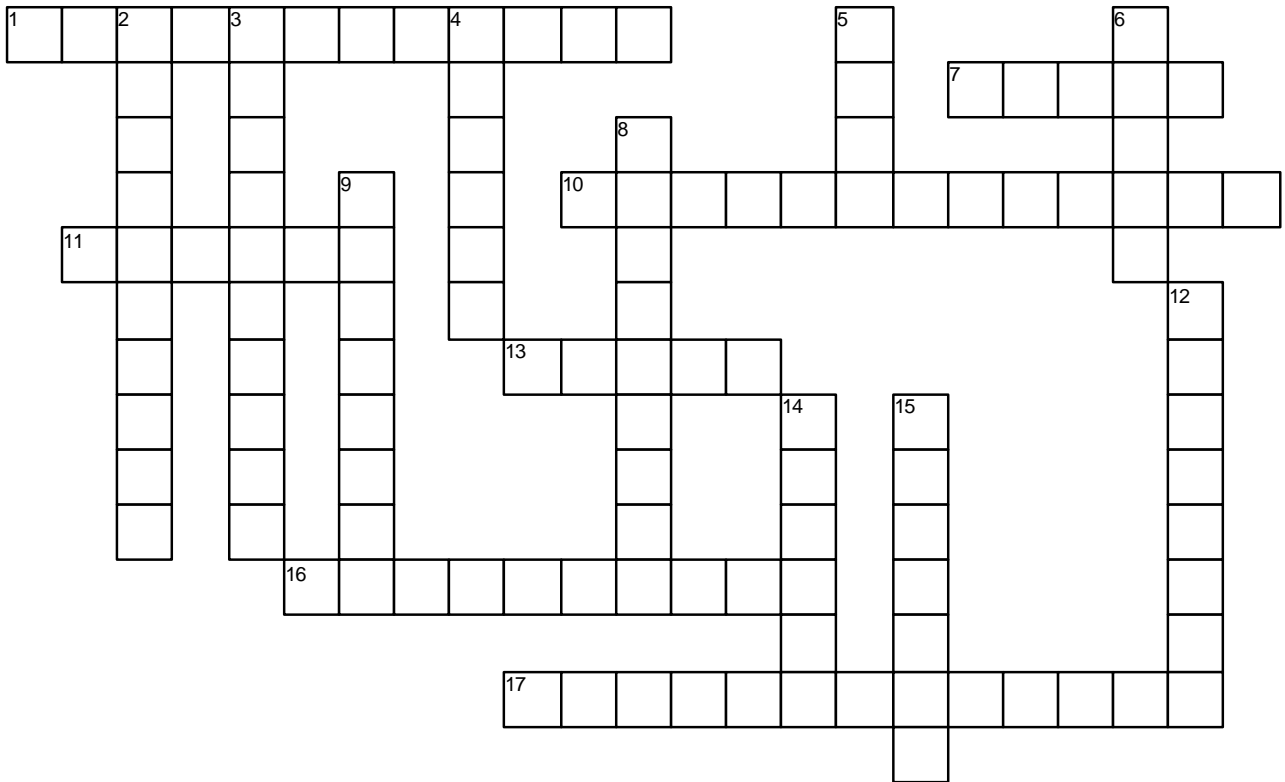


Brake Hydraulic System Parts and Operation

Chapter 95



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ACROSS

- 1 The SAE term for the rearward hole in the master cylinder is the _____ port.
- 7 rake engineers refer to the ratio of front-to-rear brake pressure proportioning as the _____.
- 10 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.
- 11 The _____ cylinder is the heart of the entire braking system.
- 13 Before proportioning action begins, brake system hydraulic pressure must reach a minimum level, called the _____ point.
- 16 Most new vehicles use the _____ position (BPP) sensor or switch as an input to the body computer for many functions.
- 17 A _____ valve improves brake balance during hard stops by limiting hydraulic pressure to the rear brakes.

DOWN

- 2 _____ states that "when force is applied to a liquid confined in a container or an enclosure, the pressure is transmitted equal and undiminished in every direction."
- 3 Often referred to as dynamic rear proportioning (DRP) or _____ brake proportioning (EBP), this system removes the need for a mechanical proportioning valve.
- 4 Proper brake pedal _____ is important for the proper operation of the stop light switch.
- 5 The SAE term for the forward hole in the master cylinder is the _____ port.
- 6 Front/rear _____ master cylinders use two separate pressure-building sections.
- 8 _____ play is the distance the brake pedal travels before the primary piston in the master cylinder moves.
- 9 Another name for a replenishing port is _____ port.
- 12 The _____ valve prevents the full operation of (holds off) the disc brakes until between 75 to 125 PSI is sent to the rear drum brakes to overcome rear-brake return spring pressure.
- 14 The rearward straight drilled low pressure hole is called the replenishing port, also called the inlet port, by pass port, _____ port, or the breather port.
- 15 Often referred to as _____ rear proportioning (DRP) or electronic brake proportioning (EBP), this system removes the need for a mechanical proportioning valve.