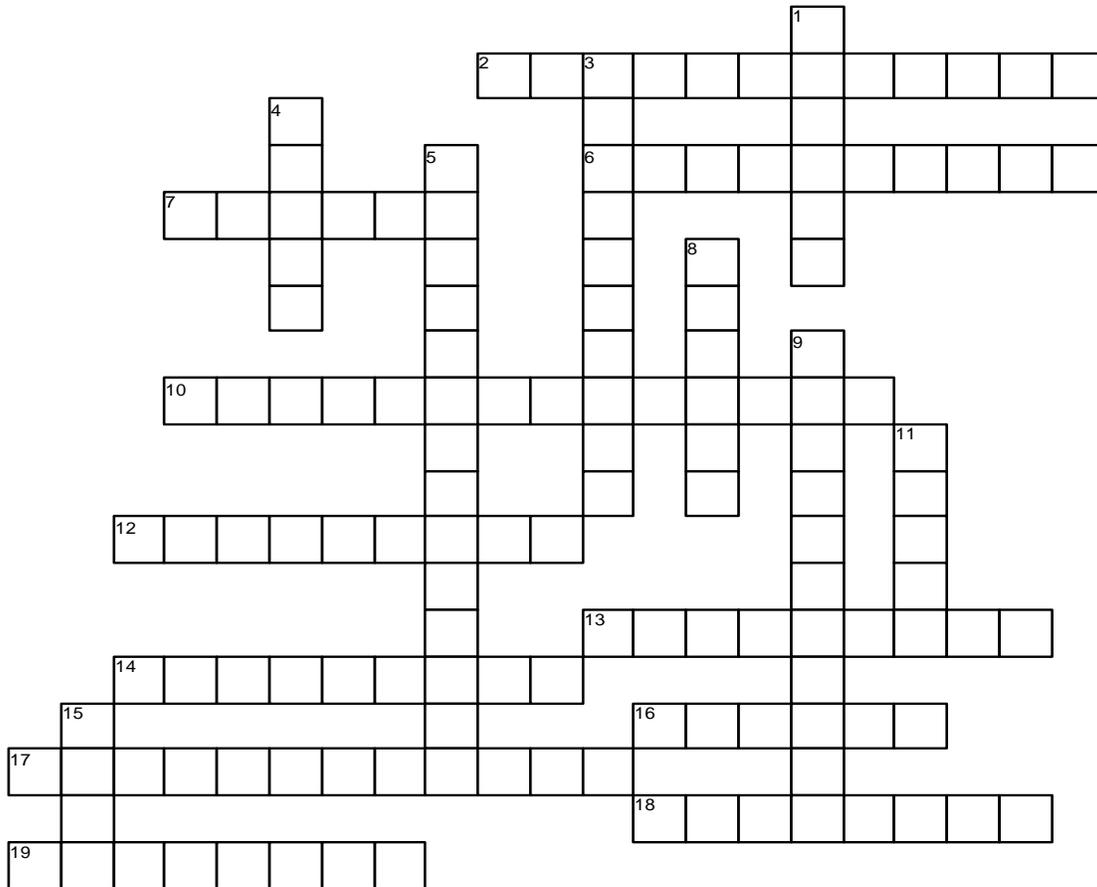


Brake Hydraulic Systems

Chapter 6



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ACROSS

- 2 As a part of the master cylinder, the reward straight drilled low pressure hole is called the _____ port.
- 6 Most vehicles built since the early 1980s are equipped with ____-_____ master cylinder reservoirs.
- 7 _____ port is another name for replenishing port.
- 10 The _____ is the heart of the entire breaking system.
- 12 _____ play is the distance the brake pedal travels before the primary piston in the master cylinder moves.
- 13 When the brake pedal is _____, the pedal linkage forces the pushrod and primary piston down the bore of the master cylinder.
- 14 _____ systems use liquids to transmit motion.
- 16 _____ (area) pistons are used in brake calipers on the front wheels to increase the force used to apply the front brakes.
- 17 Another name for a vent port is _____ port.
- 18 As a part of the master, cylinder the forward (tapered) high pressure hole is the _____.
- 19 _____ port is another name for a replenishing port.

DOWN

- 1 The master cylinder should never be filled _____ than the recommended full mark to allow for brake fluid expansion that occurs normally when the brakes fluid gets hot due to heat generated by the brakes.
- 3 _____ states: when force is applied to a liquid confined in a container or an enclosure, the pressure is transmitted equally and undiminished in every direction.
- 4 _____ port is another name for replenishing port.
- 5 _____/_____ master cylinders use two separate pressure building sections.
- 8 A _____ brake pedal with a larger-than-normal travel indicates air in the lines.
- 9 Proper brake _____ is important for the proper operation of the stop (brake) light switch.
- 11 If the brake pedal _____ all the way to the floor especially when the vehicle is not moving, suspect a defective master cylinder that is leaking internally.
- 15 In disc brakes, the mechanical force available to apply the brakes is _____ times greater because of the size difference between the master cylinder and caliper pistons.