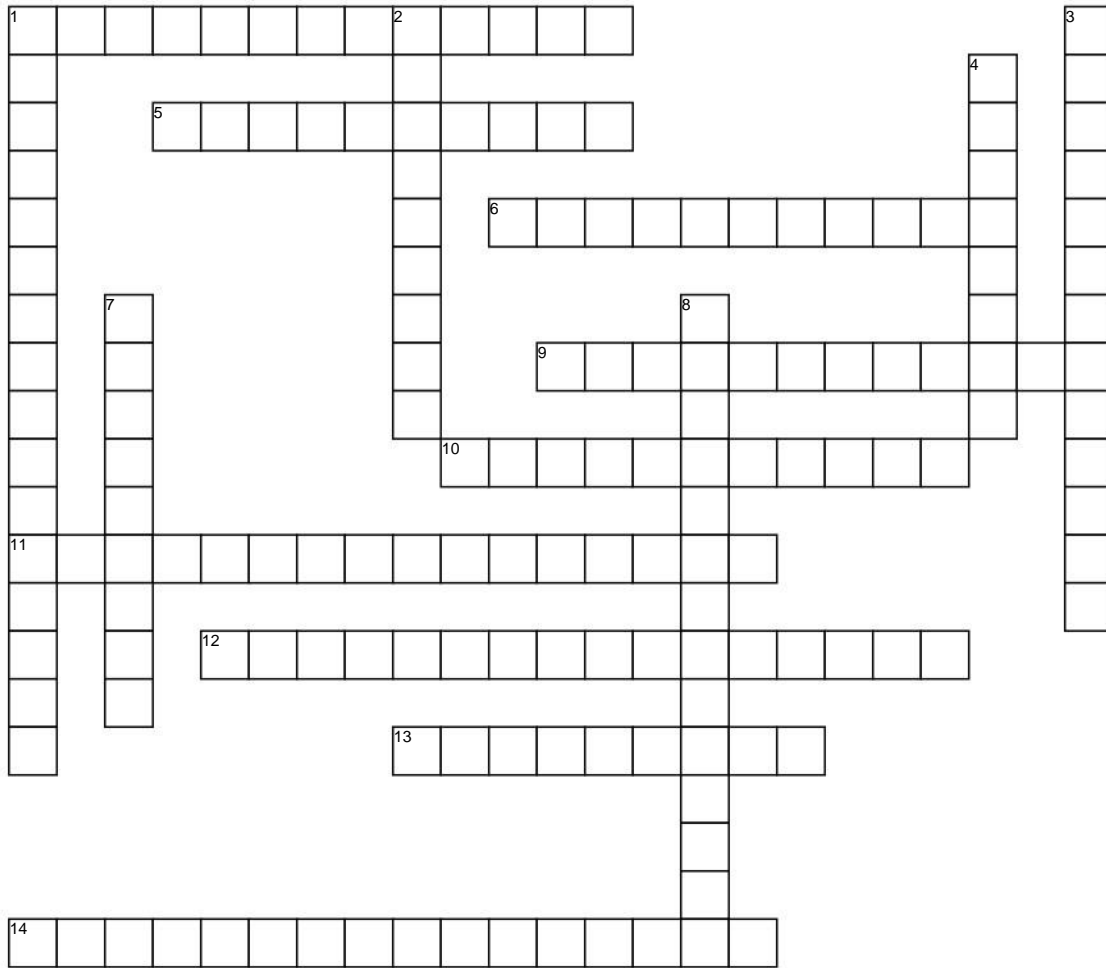


Brake Hydraulic Systems

Chapter 5



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ACROSS

- 1 If the front brakes fail, the rear brakes alone would not provide adequate braking force, the solution is the use of a _____ master cylinder.
- 5 _____ 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."
- 6 Proper brake _____ is important for the proper operation of the stop light switch.
- 9 _____ height is easily checked by depressing the brake pedal with the right foot and attempting to slide your left foot under the brake pedal.
- 10 The design of a _____ master cylinder includes a larger diameter primary piston and a quick take-up valve.
- 11 The SAE term for the rearward hole in the master cylinder is the _____.
- 12 _____ use liquids to transmit motion.
- 13 An internal leak is often called _____ because the brake fluid is leaking past the sealing cup.
- 14 Another name for the vent port is the _____.

DOWN

- 1 Another name for a quick take-up master cylinder is a _____ master cylinder.
- 2 If the fluid was trapped, the pressure of the brake fluid would increase with temperature, causing the brakes to _____.
- 3 _____ is the distance the brake pedal travels before the primary piston in the master cylinder moves.
- 4 The SAE term for the forward hole in the master cylinder is the _____.
- 7 _____ master cylinders use two separate pressure-building sections.
- 8 The _____ is the heart of the entire braking system.