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.