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.

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. Proper brake _______ ________ is important for the proper operation of the stop light switch.

4. _______ height is easily checked by depressing the brake pedal with the right foot and attempting to slide your left foot under the brake pedal.

5. The design of a _______ ________ master cylinder includes a larger diameter primary piston and a quick take-up valve.

6. The SAE term for the rearward hole in the master cylinder is the ____________ ____.

7. _______ ________ uses liquids to transmit motion.

8. An internal leak is often called ________ because the brake fluid is leaking past the sealing cup.

9. Another name for the vent port is the ____________ ________ master cylinder.

10. If the fluid was trapped, the pressure of the brake fluid would increase with temperature, causing the brakes to _______ ________.

11. The SAE term for the forward hole in the master cylinder is the ________ ___.

12. _______ ________ master cylinders use two separate pressure-building sections.

13. The _______ ________ is the heart of the entire braking system.

14. Another name for the vent port is the ____________ ________.