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ACROSS

- 1 The _____ is a pressurized storage reservoir.
- 5 Most _____ consist of a magnetic pickup and a toothed sensor ring.
- 7 Electronically operated _____ are used to hold, release, and reapply hydraulic pressure to the brakes.
- 9 If the wheel speed sensor continues to indicate the wheel is slowing too quickly and is starting to lock, the same solenoid or a second _____ is energized to open a vent port that releases pressure from the brake circuit.
- 10 If one wheel starts to slow at a faster rate than the others, or at a faster rate than that which is programmed in the antilock _____, it indicates a wheel is starting to slip and is in danger of losing traction and locking.
- 11 GM and Chrysler call their version of a single-channel rear-wheel-only ABS system _____.
- 12 The _____ is when the solenoid is electrically closed, it becomes hydraulically closed, which blocks off the line and prevents any further pressure from the master cylinder reaching the brake.
- 14 The _____ saves the cost for an additional sensor and reduces the complexity of the system by allowing both rear wheels to be controlled simultaneously.
- 17 _____ systems, which are sometimes referred to as "add-on" systems, have become the most common type of ABS system because of their lower cost and simplicity.
- 19 _____ help prevent the wheels from locking during sudden braking, especially on slippery surfaces.
- 20 _____ are required on all new vehicles.
- 21 The ABS warning light is also used for diagnostic purposes when retrieving _____ from the ABS module.
- 6 The first step in the standard ABS control strategy is to hold or isolate the pressure in a given brake circuit by closing an _____.
- 8 A digital wheel speed sensor is also called an _____.
- 13 _____ systems combine the brake master cylinder and ABS hydraulic modulator, electric pump, and accumulator into one assembly.
- 15 The term _____ always refers to the number of separate or individually controlled ABS hydraulic circuits in an ABS system, not the number of wheel speed sensor electrical circuits.
- 16 Preventing brake lockup is important because of the adverse effect a locked wheel has on tire _____.
- 18 Another name for a toothed sensor ring is the _____.
- 19 The distance or _____ between the end of the sensor and its ring is critical.

DOWN

- 2 Ford's version of a single-channel rear-wheel-only ABS system is called _____.
- 3 During the _____, the release and/or isolation solenoids are closed and/or the additional solenoid energized so pressure can be reapplied to the brake from the master cylinder or accumulator to reapply the brake.
- 4 Traction is defined in terms of _____, which is the difference between the actual speed and the rate at which the tire tread moves across the road.