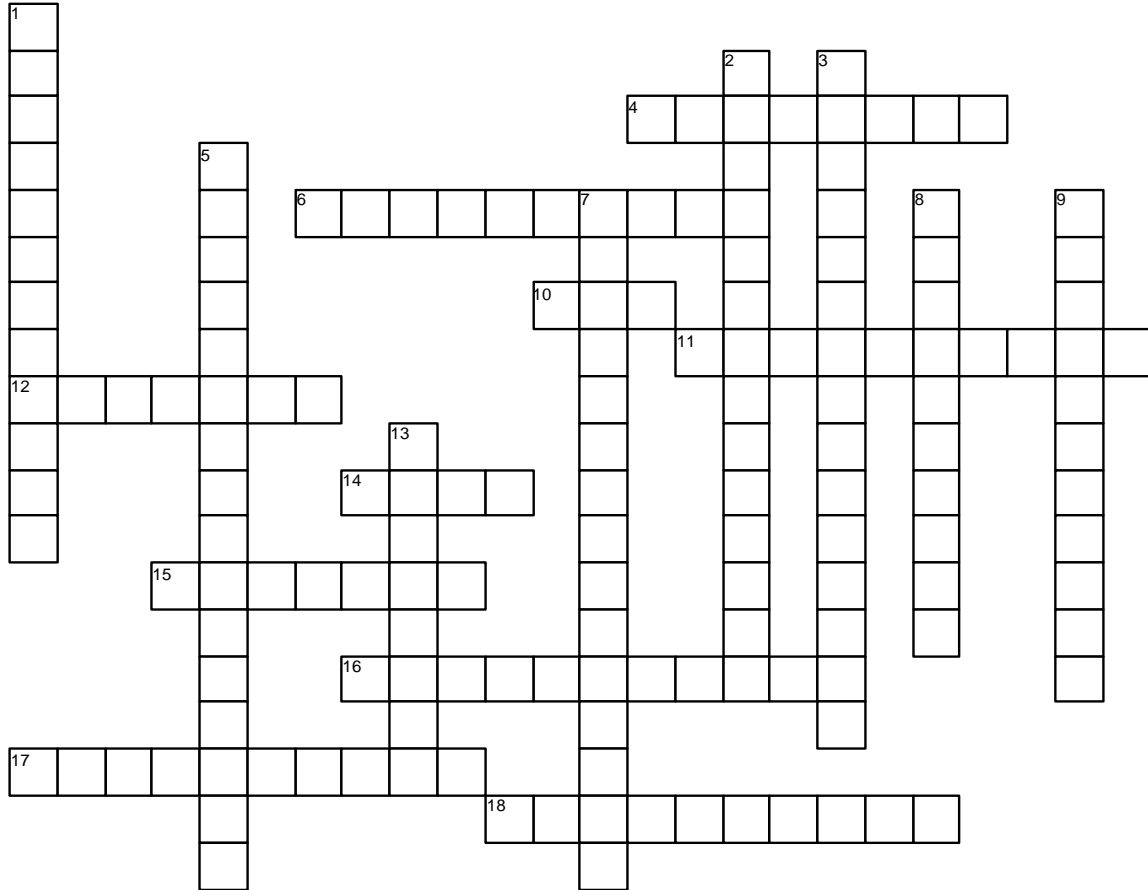


ABS Diagnosis And Service

Chapter 19



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ACROSS

- 4 Avoid mounting tires of different _____ than that of the original tires.
- 6 Some ABS applications use _____ wheel speed sensors.
- 10 Many ABS and diagnostic trouble codes will not set unless the vehicle is moving.
- 11 Some ABS units cause the _____ to move up and down slightly during cycling of the valves during a self-test.
- 12 Avoid mounting the _____ for a transmitting device near the ABS control unit.
- 14 Do not pry against or hit the wheel speed sensor _____.
- 15 The difference in wheel speed between the outboard and the inboard wheels can _____ a fault code.

- 16 _____ tools are required by all dealers that sell and service the brand of vehicle.
- 17 A bent axle or hub will produce a wavelike pattern that _____ as the strength of the sensor signal changes with each revolution.
- 18 A reading of about 1,000 ohms would indicate proper _____ resistance.

DOWN

- 1 Never open a _____ or _____ while the ABS is pressurized.
- 2 When installing new WSS, look for a piece of _____ on the tip end of the unit.
- 3 A _____ lamp warns of a possible dangerous failure in the base brakes, such as low brake fluid level or low

pressure in half of the hydraulic system.

- 5 A _____-_____ fault specifically identifies an ABS component that is not functioning properly.
- 7 The _____ lamp usually comes on after an engine start during the initialization or start-up self-test sequence.
- 8 Many older vehicles used a jumper wire to retrieve diagnostic trouble codes.
- 9 A _____ cable connects to the ABS harness near the ABS module.
- 13 A good WSS should produce an AC _____ signal that increases in frequency and amplitude with increasing wheel speed.