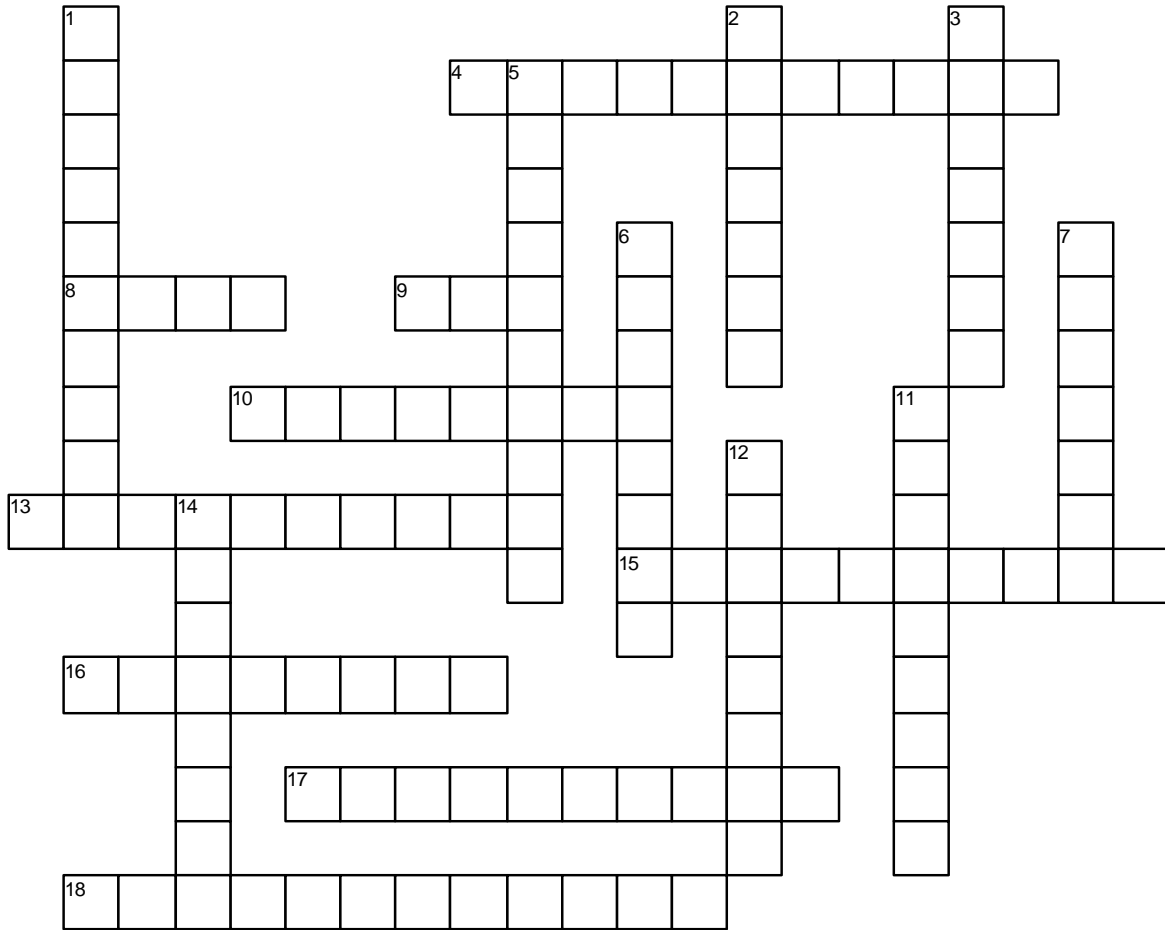


# ABS Diagnosis And Service

## Chapter 106



<http://jameshalderman.com>

### ACROSS

- 4 \_\_\_\_\_ tools are required by all dealers that sell and service the brand of vehicle.
- 8 Do not pry against or hit the wheel speed sensor \_\_\_\_\_.
- 9 Many ABS and diagnostic trouble codes will not set unless the vehicle is moving.
- 10 A \_\_\_\_\_ warning 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.
- 13 A reading of about 1,000 ohms would indicate proper \_\_\_\_\_ resistance.
- 15 Some ABS units cause the \_\_\_\_\_ to move up and down slightly during cycling of the valves during a self-test.
- 16 A \_\_\_\_\_ box cable connects to the ABS harness near the ABS module.
- 17 A bent axle or hub will produce a wavelike pattern that \_\_\_\_\_ as the strength of the sensor signal changes with each revolution.
- 18 Never open a \_\_\_\_\_ or while the ABS is pressurized.

### DOWN

- 1 Many older vehicles used a jumper wire to retrieve diagnostic trouble codes.
- 2 The difference in wheel speed between the outboard and the inboard wheels can \_\_\_\_\_ a fault code.
- 3 When installing new WSS, look for a piece of \_\_\_\_\_ plastic on the tip end of the unit.
- 5 Some ABS applications use \_\_\_\_\_ wheel speed sensors.
- 6 The \_\_\_\_\_ warning lamp usually comes on after an engine start during the initialization or start-up self-test sequence.
- 7 Avoid mounting the \_\_\_\_\_ for a transmitting device near the ABS control unit.
- 11 A \_\_\_\_\_-related fault specifically identifies an ABS component that is not functioning properly.
- 12 Avoid mounting tires of different \_\_\_\_\_ than that of the original tires.
- 14 A good WSS should produce an AC \_\_\_\_\_ signal that increases in frequency and amplitude with increasing wheel speed.