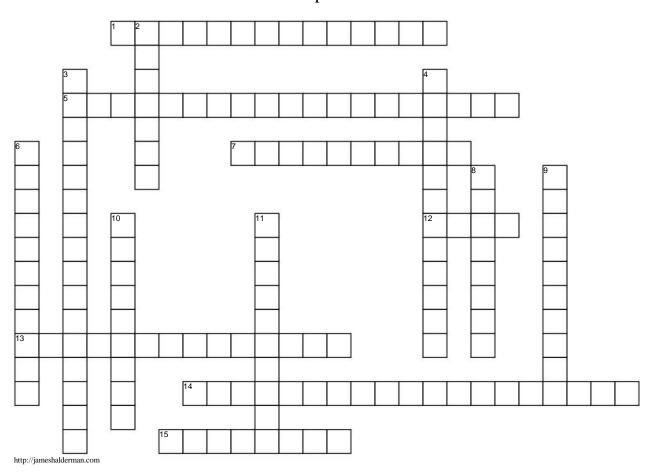


ABS Diagnosis And Service

Chapter 18



ACROSS

| 1 | When installing new WSS, look for a piece of |
|----|--|
| | on the tip end of the unit. |
| 5 | The usually comes on |
| | after an engine start during the initialization or |
| | start-up self-test sequence. |
| 7 | A bent axle or hub will produce a wavelike |
| | pattern that as the strength of the |
| | sensor signal changes with each revolution. |
| 12 | Do not pry against or hit the wheel speed sensor |
| | |
| 13 | Test a digital WSS by first checking that |
| | is available at the sensor with |
| | the key on, engine off. |
| 14 | A 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. |

15 Avoid mounting tires of different _____ than

that of the original tires.

DOWN

| 2 | Avoid mounting the for a transmitting |
|----|--|
| | device near the ABS control unit. |
| 3 | are required by all dealers |
| | that sell and service the brand of vehicle. |
| 4 | Never open a or while the ABS |
| | is pressurized. |
| 6 | A cable connects to the ABS |
| | harness near the ABS module. |
| 8 | A good WSS should produce an AC |
| | signal that increases in frequency and amplitude |
| | with increasing wheel speed. |
| 9 | A reading of about 1,000 ohms would indicate |
| | proper resistance. |
| 10 | The ABS amber warning light may be |
| | by the brake fluid level switch. |
| 11 | Some ABS applications use wheel |
| | speed sensors. |