

Name: _____

Date: _____

1. If a meter reads 1.1k ohms when checking a wheel speed sensor, this indicates:

- A. The sensor has a normal resistance reading.
- B. The sensor is electrically shorted.
- C. The sensor is electrically open.
- D. The sensor is grounded.

2. What could cause a DTC C0040 to set?

- A. A solenoid malfunction
- B. Pump motor fault
- C. Speed circuit fault
- D. A wiring open circuit

3. Technician A says that a vacuum gauge is needed to bleed the ABS hydraulic unit. Technician B suggests that the ABS electrohydraulic unit can often require a scan tool to bleed. Who is correct?

- A. Technician A
- B. Technician B
- C. Both Technicians A and B
- D. Neither Technician A nor B

4. What type of scan tool is needed to retrieve data from the antilock brake system (ABS)?

- A. Factory scan tool
- B. Enhanced factory-level scan tool
- C. Code reader
- D. Either a or b

5. What signal characteristic does the ABS controller use from a wheel speed sensor?

- A. Voltage
- B. Resistance
- C. Frequency
- D. Electromagnetic

6. What is often required to bleed the ABS electrohydraulic unit?

- A. Bleeder screws and the manual method
- B. A scan tool
- C. Both A and B
- D. Neither A nor B

7. What can cause the ABS amber warning lamp to turn on?

- A. Low brake fluid level
- B. A fault in the ABS system
- C. The parking brake is applied
- D. All of the above

8. What is indicated by a wheel speed sensor circuit range/performance fault code?

- A. A normal functioning of the sensor
- B. A potential issue with the sensor's signal range or performance
- C. An electrical short in the sensor
- D. The sensor is functioning beyond its expected performance range

9. What is the result of a cracked tone (reluctor) ring on the ABS system?

- A. The ABS system will be disabled.
- B. False ABS actuation at low speed.
- C. A brake failure that will turn on the red brake warning light.
- D. The affected wheel brake will be applied all of the time.

10. Technician A says that passive-type wheel speed sensors have magnets and a coil. Technician B says that passive WSS have an external power supply. Which technician is correct?

- A. Technician A only
- B. Technician B only
- C. Both Technicians A and B
- D. Neither Technician A nor B

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Chapter 106

Multiple Choice Quiz B

Answer Key

1. A

2. C

3. B

4. D

5. C

6. B

7. B

8. B

9. B

10. A