

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. What method is used to activate TPMS sensors on stem-mounted sensors?
  - A. Using a scan tool
  - B. Changing inflation pressure
  - C. Using a magnet
  - D. Driving the vehicle above 15 MPH
  
2. What does the term "delta pressure method" refer to in TPMS sensor activation?
  - A. Increasing the inflation pressure by 5 to 10 PSI
  - B. Lowering the inflation pressure by 5 to 10 PSI
  - C. Maintaining constant inflation pressure
  - D. Using a handheld tester to transmit a signal
  
3. Which of the following is not a format used for TPMS sensor activation signals?
  - A. 125 kHz constant pulse
  - B. 125 kHz pulse-width-modulated pulse
  - C. 315 MHz continuous pulse
  - D. Both A and B are used
  
4. What is the primary difference between OE-based sensors and aftermarket TPMS sensors?
  - A. OE-based sensors are not electronically identical to the original sensor
  - B. Aftermarket sensors can be divided into OE-based replacements and fully programmable sensors
  - C. OE-based sensors cannot be used as direct replacements
  - D. Aftermarket sensors do not require a separate programming device
  
5. What is the recommended action if a TPMS sensor needs replacement?
  - A. Replace with an OE sensor
  - B. Replace with a multiple protocol sensor
  - C. Replace with a programmable aftermarket sensor
  - D. Replace the sensor battery only
  
6. To activate or learn a direct pressure sensor, what does a service technician need to do?
  - A. Enter learn mode and use a magnet
  - B. Enter learn mode and decrease inflation pressure
  - C. Use a handheld tester
  - D. Any of the above, depending on the vehicle and system
  
7. What tools and supplies are needed to service TPMS?
  - A. Tire pressure pump
  - B. Tire valve core torque wrench
  - C. Valve regulator service kit
  - D. None of above

8. To which component does the tire pressure sensor send a signal?

- A. Door module
- B. RKE receiver
- C. BCM
- D. Any of the above, depending on the vehicle

9. What does the TREAD Act require regarding tire inflation pressure notifications to the driver?

- A. Notification if the tire inflation pressure drops by 30%
- B. Notification if the tire inflation pressure drops by 25%
- C. Notification if the tire inflation pressure drops by 20%
- D. Notification if the tire inflation pressure drops by 15%

10. What mode does a direct pressure sensor enter when the vehicle is stopped?

- A. Sleep mode
- B. Storage mode
- C. Alert mode
- D. Active mode

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Chapter 109

Multiple Choice Quiz A

Answer Key

1. C

2. B

3. C

4. B

5. B

6. D

7. B

8. D

9. C

10. A