

Name: _____ Date: _____

1. What is the function of the placard cold inflation pressure?
 - A. To indicate the minimum required tire pressure
 - B. To display the maximum tire pressure
 - C. To show the recommended tire pressure when tires are cold
 - D. To warn about the consequences of low tire pressure

2. What is the transmitter ID in a TPMS?
 - A. A four-digit code indicating the tire's position
 - B. An eight-digit hexadecimal number on each valve/transmitter assembly
 - C. A unique identifier for the vehicle's TPMS system
 - D. A code used by the manufacturer for tire recalls

3. What is the purpose of the TPMS sensor relearn process?
 - A. To reset the tire pressure to the default value
 - B. To assign a transmitter ID to the correct position on the vehicle
 - C. To check the battery voltage of the sensor
 - D. To measure the tire air temperature

4. Which company is not known for producing handheld testers for TPMS?
 - A. OTC
 - B. Bartec
 - C. Snap-on
 - D. Lear

5. What is the consequence of not allowing the TPMS to go to sleep after a tire rotation?
 - A. The tire pressures will not be displayed on the dash
 - B. The vehicle will not start
 - C. The tire pressures will be displayed incorrectly
 - D. The sensors will transmit the wrong location to the IPC

6. What is the primary function of a direct TPMS?
 - A. To monitor and display the vehicle's speed
 - B. To measure the inflation pressure in each wheel
 - C. To control the vehicle's braking system
 - D. To regulate the tire's temperature

7. What is the significance of the sensor battery voltage information transmitted by some TPMS transmitters?
 - A. It indicates the remaining life of the sensor
 - B. It is used to calculate the tire's inflation pressure
 - C. It determines the speed rating of the tire
 - D. It is necessary for the sensor's relearn process

8. What is the implication of a TPMS sensor transmitting a stronger signal to a receiver located at the rear of the vehicle?

- A. The sensor is malfunctioning
- B. The sensor is likely one of the two rear wheels
- C. The sensor is not properly programmed
- D. The sensor is one of the two front wheels

9. What is the result of 3 PSI below the specified tire pressure?

- A. A 10% increase in tire life
- B. A 10% decrease in tire life
- C. No significant effect on tire life
- D. A 10% increase in fuel efficiency

10. What is the recommended procedure if the tire pressures are not being displayed on the dash after the tires were rotated?

- A. Immediate sensor replacement
- B. Driving the vehicle above 15 MPH for at least 40 seconds
- C. Allowing the system to go to sleep and then awaken
- D. Replacing the vehicle's instrument panel cluster

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Chapter 109

Multiple Choice Quiz B

Answer Key

1. C

2. B

3. B

4. D

5. A

6. B

7. A

8. B

9. B

10. C