

Automotive Technology 7th Edition
Chapter 109: Tire-Pressure Monitoring Systems
Matching Quiz

Name: _____ Date: _____

Matching: Choose the item in column 2 that best matches each item in column 1.

- | | | |
|------------------------------------|--|-----------|
| 1. TREAD Act | A. Sensor mode when the vehicle is stopped, used to improve battery life. | 1. _____ |
| 2. Indirect TPMS | B. Uses a scan tool to download a sensor's electronic serial number (ESN) into the TPMS ECU. | 2. _____ |
| 3. Direct TPMS | C. The specified tire pressure on the driver's door jamb sticker. | 3. _____ |
| 4. Placard cold inflation pressure | D. A sensor activation method that involves lowering tire pressure by 5 to 10 PSI. | 4. _____ |
| 5. FMVSS 138 | E. Requires all vehicles be equipped with a tire-pressure monitoring system. | 5. _____ |
| 6. Active mode | F. Sensor transmits every minute when the vehicle is traveling above 20 mph. | 6. _____ |
| 7. Sleep mode | G. Uses wheel speed sensors to detect differences in wheel speeds. | 7. _____ |
| 8. Delta pressure method | H. Requires a warning lamp when a tire is 25% below placard pressure. | 8. _____ |
| 9. Storage mode | I. Uses individual pressure sensors in each wheel to measure inflation pressure. | 9. _____ |
| 10. OBD relearn | J. Mode for new sensors to prevent battery discharge before installation | 10. _____ |

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Answer Key

Answer Key:

1. E
2. G
3. I
4. C
5. H
6. F
7. A
8. D
9. J
10. B