Tire-Pressure Monitoring Systems
Chapter 4

ACROSS

1. The term __________ _______________ _______ is used in service information to indicate the specified tire inflation pressure.

4. A replacement TPMS transmitter has an 8-digit number, called the ___________ ___ on each valve/transmitter assembly.

7. ______ is triggered if a rapid change in inflation pressure is detected.

8. When a vehicle turns a corner, the outside wheels ______ faster than the inside wheels.

11. ______ tire pressure monitoring systems do not measure the actual tire pressure.

12. The ______ ____ requires that all vehicles be equipped with a tire-pressure monitoring system that will warn the driver in the event of an underinflated tire.

13. If a vehicle has an ________ tire valve stem, it is equipped with a direct tire pressure monitoring system.

14. A _______________ __________ system is a system that detects a tire that has low inflation pressure and warns the driver.

15. The ______ __________ is when it is required lowering the inflation pressure by 5 to 10 PSI.

DOWN

2. After checking that all four tires are the same size and condition, the system may require ________________.

3. Another name for initialization is ________.

5. ______ is when the vehicle is stopped, the sensor "goes to sleep" to help improve battery life.

6. New tire-pressure warning sensors are shipped in ________ ____.

9. ______ ____ is when the sensor inside detects that the vehicle is traveling above 20 mph.

10. ______ tire pressure monitoring systems use a pressure sensor in each wheel that detects and transmits the tire pressure to a TPMS controller.