Tire Pressure Monitoring System
Chapter 46

ACROSS

1. 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.
2. The _____ _____ _____ is when it is required lowering the inflation pressure by 5 to 10 PSI.
3. After checking that all four tires are the same size and condition, the system may require ____________.
4. A ____ ________ ______ is a system that detects a tire that has low inflation pressure and warns the driver.
5. If a vehicle has an _______ tire valve stem, it is equipped with a direct tire pressure monitoring system.
6. __________ tire pressure monitoring systems do not measure the actual tire pressure.
7. The term _______ _______ _______ is used in service information to indicate the specified tire inflation pressure.
8. New tire-pressure warning sensors are shipped in ________.
9. ____ ____ is when the sensor inside detects that the vehicle is traveling above 20 mph.

DOWN

2. _____ tire pressure monitoring systems use a pressure sensor in each wheel that detects and transmits the tire pressure to a TPMS controller.
3. When a vehicle turns a corner, the outside wheels _____ faster than the inside wheels.
4. A replacement TPMS transmitter has an 8-digit number, called the ____________, on each valve/transmitter assembly.
5. _____ is when the vehicle is stopped, the sensor "goes to sleep" to help improve battery life.
6. _______ is triggered if a rapid change in inflation pressure is detected.
7. Another name for initialization is _______.