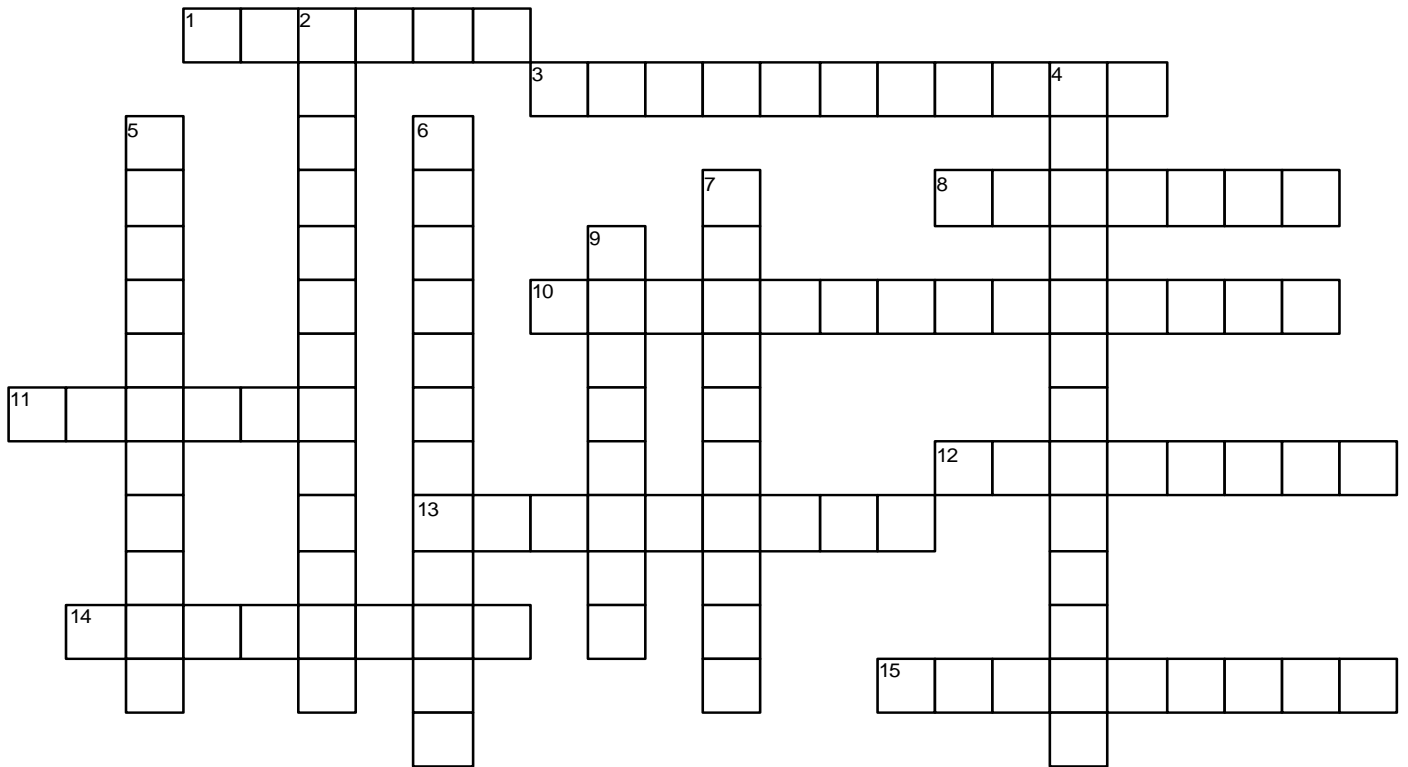


Tire-Pressure Monitoring System

Chapter 114



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ACROSS

- 1 When a vehicle turns a corner, the outside wheels _____ faster than the inside wheels.
- 3 New tire-pressure warning sensors are shipped in _____.
- 8 Another name for initialization is _____.
- 10 After checking that all four tires are the same size and condition, the system may require _____.
- 11 _____ tire pressure monitoring systems use a pressure sensor in each wheel that detects and transmits the tire pressure to a TPMS controller.
- 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 _____ is when the vehicle is stopped, the sensor "goes to sleep" to help improve battery life.
- 14 If a vehicle has an _____ tire valve stem, it is equipped with a direct tire pressure monitoring system.
- 15 _____ is triggered if a rapid change in inflation pressure is detected.

DOWN

- 2 A replacement TPMS transmitter has an 8-digit number, called the _____, on each valve/transmitter assembly.
- 4 The _____ method is when it is required lowering the inflation pressure by 5 to 10 PSI.
- 5 The term _____ inflation pressure is used in service information to indicate the specified tire inflation pressure.
- 6 A _____ monitoring system is a system that detects a tire that has low inflation pressure and warns the driver.
- 7 _____ is when the sensor inside detects that the vehicle is traveling above 20 mph.
- 9 _____ tire pressure monitoring systems do not measure the actual tire pressure.