

This page is only a quick set up guide. For complete installation instructions, download the SmarTire™ TPMS Operator's Manual (BW2799) from the Document Library, or the Literature Center, at [www.bendix.com](http://www.bendix.com).

## Quick Set Up Guide

### SmarTire™ Tire Pressure Monitoring System (TPMS) By Bendix CVS

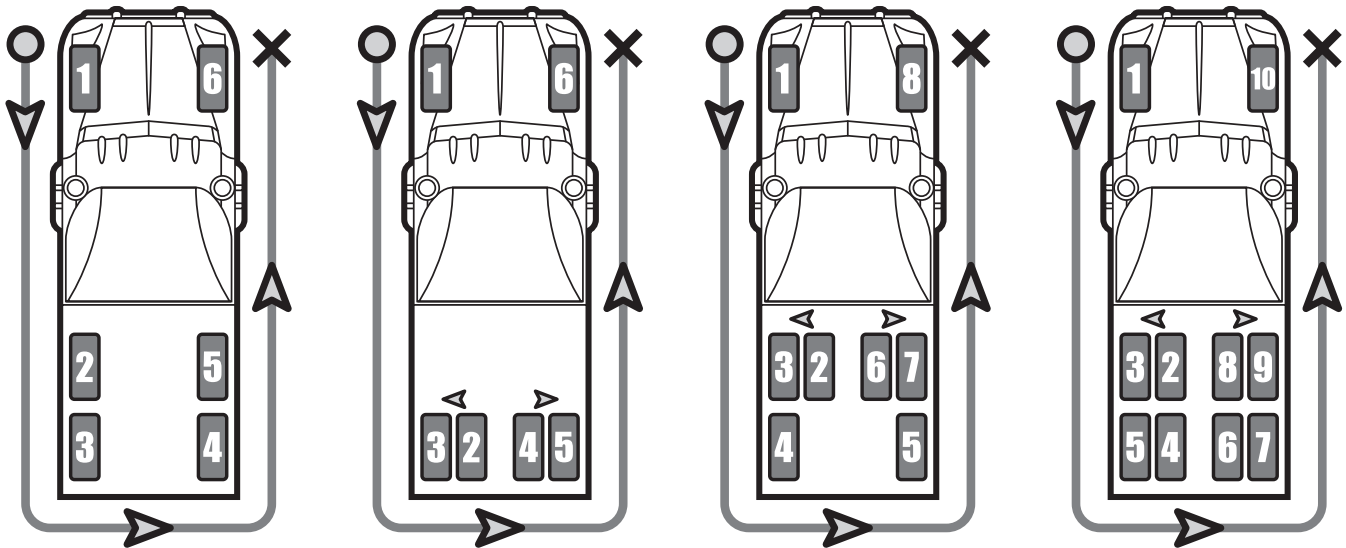
#### SAFETY

Follow all industry standard maintenance safety precautions, including wearing appropriate eye protection. See the General Safety Guidelines on the other side.

#### IMPORTANT

This SmarTire™ TPMS kit is pre-programmed and ready to use, subject to your application:

- The sensors have been PRE-ASSIGNED TO WHEEL POSITIONS and are identified on each unit with a position label (P1, P2, P3, etc.) – install the sensors as per the diagram below.
- Default values have been assigned to each axle for the following (depending on kit configuration):
  - ▶ Cold Inflation Pressure (CIP) – preset to 100 PSI
  - ▶ First Alert Level (FAL) – preset to  $\pm 15\%$  from expected (temperature compensated) value
  - ▶ Second Alert Level (SAL) – preset to  $-20\%$  from CIP
  - ▶ High temperature alert (optional) – 185°F (85°C)



#### INSTALLATION STEPS:

1. Install the receiver, display, antenna and harnesses on the vehicle, following the instructions in "Section D – Installation Electrical" section of the SmarTire™ TPMS Operator's Manual.
2. Install the sensors in the pre-programmed locations as above, following the instructions in "Section E – Installation Tire Sensors" section of the SmarTire™ TPMS Operator's Manual.
3. Adjust any system parameters as required, following "Section B – System Programming" section of the SmarTire™ TPMS Operator's Manual.

#### NOTICE

Always protect your SmarTire™ Tire Pressure Monitoring System with a (maximum) 5 amp fuse. Use one fuse on the main power line, before the line branches out to each component.

## **GENERAL SAFETY GUIDELINES**

### **WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY OR DEATH:**

When working on or around a vehicle, the following general precautions should be observed at all times:

1. Park the vehicle on a level surface, apply the parking brakes, and always block the wheels. Always wear safety glasses. Where specifically directed, the parking brakes may have to be released, and/or spring brakes caged, and this will require that the vehicle be prevented from moving by other means for the duration of these tests/procedures.
2. Stop the engine and remove ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically charged components.
3. Do not attempt to install, remove, disassemble or assemble a component until you have read and thoroughly understand the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
4. If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system or a dryer reservoir module, be sure to drain the purge reservoir.
5. Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
6. Never exceed manufacturer's recommended pressures.
7. Never connect or disconnect a hose or line containing pressure; it may whip. Never remove a component or plug unless you are certain all system pressure has been depleted.
8. Use only genuine Bendix® brand replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
9. Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
10. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
11. For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.

**SmarterTire™**  
Tire Pressure Monitoring System  
by Bendix CVS