Valor’s TPMS Kits Are For Use In:

1. Straight Truck / Bus
   Up to 6 Axles, 24 Tires

2. Tractor With or Without Trailer
   Up to 6 Axles, 24 Tires

3. Multi-Chain Tractor Trailers
   Max. 3 Trailers Per Tractor,
   Up to 6 Axles, 24 Tires per Trailer

Reporting and Exceptions are included with MyGeotab Pro plan.
PART 1 : Required Components

Components Required For Setup

**Valor-Geotab IOX TPMS KIT - Integration Components Required from Geotab:**
Please find the following components in your Geotab IOX-Integration kit. If any items are missing, please contact Valor Inc. at 1-800-568-9188.

- 1 x GO6 or GO7 Device*
- 1 x Vehicle-Specific Interface Harness for GO device*
- 1 x IOX-CAN Harness

**NOTE:** Minimum system requirements: GO6/GO7 IOX-CAN*
Harness may look different than picture above.*

**Valor TPMS KIT - In Cab Components Required:**
Please find the following components in your Valor TPMS - In Cab kit. If any items are missing, please contact Valor Inc. at 1-800-568-9188.

- 1 x Transceiver
- 1 x GO Wire Harness
- 1 x Antenna Extension
- 2 x Antenna
- 1 x Splitter Box
- Zip Ties

- 1 x G Wire Harness (used with gauge)
- 1 x 2" Guage Display

Optional
PART 2 : TPMS Setup

Valor TPMS KIT - Wheel Sensor Set Up Components Required:
The following items must be ordered individually for Truck / Bus TPMS.

- Wheel Sensor(s)
- SS Band
- 1 x Programming Tool (only require one)

Valor + Geotab IOX-CAN – TPMS Setup

- Power System 3-Wire Harness (Connects to the back of the GO7 device)
- GO7 Device
- IOX-CAN Harness
- G Wire Harness (Connects to Valor Transceiver and optional gauge)
- GO Wire Harness
- Dashboard Gauge

Valor Transceiver
Splitter Box
Antenna (Front and Back)
Antenna Extension

Provided by Valor
Provided by Geotab
Optional Step
PART 3 : In-Cab Installation

Valor TPMS In-Cab Installation

How to Install:

1. Remove items from box and ensure all parts are present.
2. Valor Transceiver box needs to be installed near the GO unit; wire harness is provided for “Plug & Play” installation.
3. Connect to IOX-CAN with provided harness and connect IOX to GO device.
4. If installing driver display guage (optional), use G Wire Harness (optional) supplied.
5. Route antenna extension to exterior of cab, attach to single lead on splitter box.
6. Attach antenna’s to splitter box and mount each end in a safe place out of step and pinch points (see diagram above).
PART 4 : Sensor Install

Valor Tire Sensor(s) Installation

How to Position Sensor on Tire Rim:

1. Each sensor has a unique identifier code. Using the Valor SmartTool, the code must be programmed into the Valor Transceiver Box. Programming instructions are included in the kit.

2. Attach sensors directly onto the rim using the supplied Stainless Steel band (see diagram).

3. Place sensor near tire valve. Peel adhesive cover and attach sensor to the rim. Run supplied SS band through sensor bracket and tighten. CAUTION: Do not exceed 2 lb / foot pressure.

4. Once tire sensor is installed and pressure exceeds 20 PSI, the sensor is active.

5. For sensor programming, please refer to the guide included in the kit.

Sensor Placement

1D – Axle 1 (Right)  2C – Axle 2 (Inner Right)  3D – Axle 3 (Outer Right)

2D – Axle 2 (Outer Right)  2C – Axle 2 (Inner Right)  3C – Axle 3 (Inner Right)

1A – Axle 1 (Left)  2B – Axle 2 (Inner Left)  3A – Axle 3 (Outer Left)

2A – Axle 2 (Outer Left)  3B – Axle 3 (Inner Left)
PART 5 : Reporting

TPMS Reporting

How it Works:

Each tire transmits independently and records on:

- Ignition On and Off
- 3 PSI Change in Pressure
- 5 Degrees Change in Temperature
- 30 Minutes of Operation
- Exceptions for Over or Under Pressure Thresholds
- Exceptions for Over or Under Temperature Thresholds
- Tracks and Reports Data Over the Course of the Trip

Sample Report:

![Sample Report Image]