

# INSTALLATION MANUAL

## TireView® LIVE™ Sending unit, Harness and Repeater Installation



## Truck/Tractor Applications



[www.psitireinflation.com/resources#tpms-resources](http://www.psitireinflation.com/resources#tpms-resources)

V019 05 TVL Tractor  
Install Video

<https://youtu.be/IN166RTnHqw>






# TPMS Sending Unit, Harness and Repeater Installation

## Truck/Tractor Applications

### About this Manual

This manual supplies installation procedures for the TireView® LIVE™ sending unit. Use the procedures in this manual to install the system on commercial vehicles.

### Before You Begin

 **CAUTION:** DO NOT PERFORM UNAUTHORIZED MAINTENANCE OR REPAIR PROCEDURES, OR INSTALL NON-P.S.I.® COMPONENTS ON ANY P.S.I.® SYSTEM. THIS CAN VOID THE WARRANTY.

1. Read and understand all instructions and procedures before service to components begins.
2. Read and observe all Warning and Caution alert messages in this publication. They provide information that can prevent personal injury, damage to components, or both.
3. Follow the P.S.I. installation, maintenance, service, and troubleshooting guidelines.
4. Use special tools, when required, to avoid personal injury and damage to components.
5. Use personal protective equipment (PPE), when required, to avoid personal injury. Safety glasses, safety toe shoes, and gloves recommended.

### Hazard Alert Messages and Torque Symbols

 **WARNING:**

A Warning alerts the technician to an instruction or procedure that must be followed to avoid personal injury and damage to components.

 **CAUTION:**

A Caution alerts the technician to an instruction or procedure that must be followed to avoid damage to components.

 **TORQUE REQUIRED:**

The torque symbol alerts the technician to tighten fasteners to a specified torque value.

### Additional Information

Visit the Resource section at [www.psitireinflation.com](http://www.psitireinflation.com) to access and request additional information.

Call P.S.I.® at 210.222.1926 (United States and Canada) or email [info@psitireinflation.com](mailto:info@psitireinflation.com) or [techsupport@psitireinflation.com](mailto:techsupport@psitireinflation.com).

### Introduction

The P.S.I.® TireView® Tire Pressure Monitoring System (TPMS) is designed to monitor air pressure and temperature in the tire. It is only for added safety and not meant to replace regular tire maintenance and exercise of reasonable care when operating a motor vehicle.

The system cannot prevent accidents nor will P.S.I.® be responsible for damage or injury due to (a) improper use, (b) failure to follow the product manufacturer's instructions or to perform preventative maintenance, (c) unauthorized repair or modifications, (d) use of products beyond their useful life, or (e) external causes such as accidents, abuse, or other actions or events outside of P.S.I.® control.



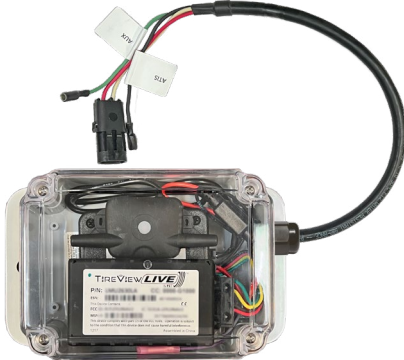




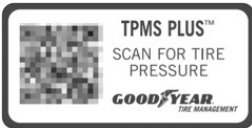

# TPMS Sending Unit, Harness and Repeater Installation

## Truck/Tractor Applications

### Introduction

This manual is intended to provide guidance when installing the TireView® LIVE™ sending unit and repeater on a commercial truck, tractor, or similar vehicle. Your configuration may vary due to type of equipment. Consult your support team for guidance.

### Sending Unit, Harness and Repeater Components

PART DESCRIPTION	EXAMPLE
TireView Sending Unit	
TireView Repeater	
Wire Harness	
Hardware Bag	
Cable Ties	
Decals	 

### Installation Steps

1. Identify suitable mounting location for the TireView LIVE (TVL) sending unit and repeater. See *Figure 1*.

**CAUTION:** The repeater must be installed to help ensure proper operation of the TireView system. Failure to install the repeater could void warranty.

### Sending unit

**RECOMMENDED PLACEMENT:** mounted on the interior behind the driver's seat.

**NOTE:** Consult vehicle owner operator, fleet owner, or management before mounting sending unit to cab.

**CAUTION:** Do not mount sending unit where tires can throw debris onto enclosure as this could cause damage.

**CAUTION:** Make sure location is suitable to route power wire harness to the sending unit.

### Repeater

**RECOMMENDED PLACEMENT:** near the first drive axle, central on the vehicle. See *Figures 1 & 3*.

**OPTIONAL PLACEMENT:** in cab, behind center console, minimum 3 feet from the Sending Unit if possible. See *Figures 1 & 2*.

**CAUTION:** Avoid mounting the repeater where it is surrounded by metal (i.e., inside a cross member). This can prevent sensor signals from reaching the sending unit and will cause loss of data.

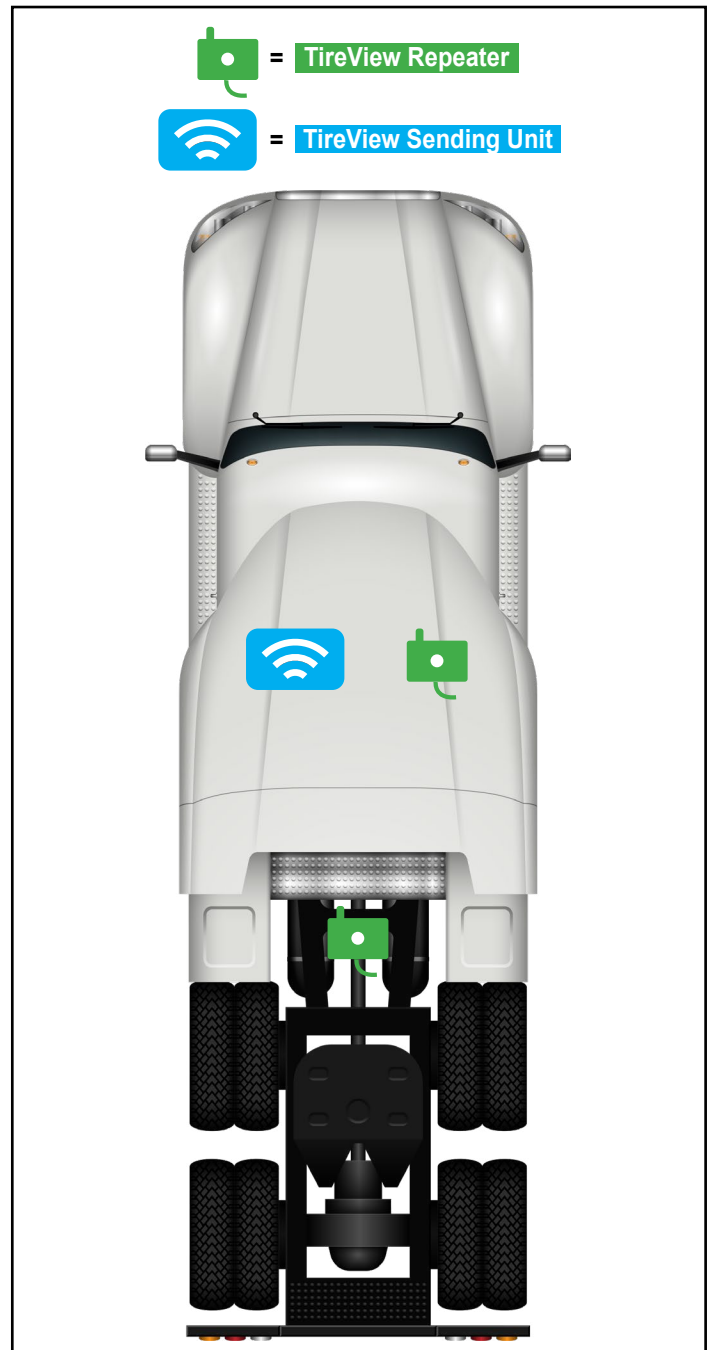


Figure 1: Sending unit and repeater location.

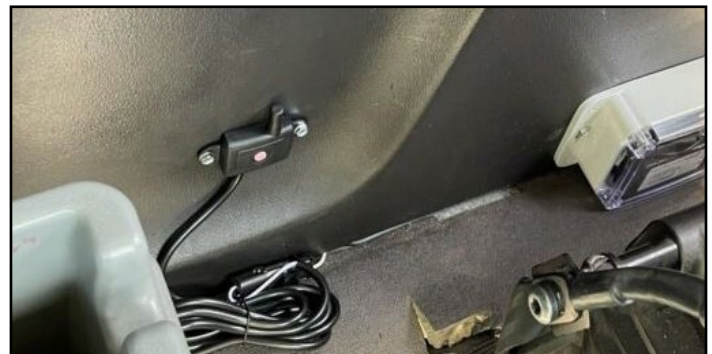


Figure 2: Optional repeater location.



- Using the TVL sending unit as a template, mark mounting hole locations and drill with a 3/8" drill bit. See Figure 2.
- Use supplied bolts, washers, and locknuts to attach sending unit to vehicle.

**TORQUE** mounting bolts to 8-10 ft.-lbs.

**CAUTION:** If mounting to the cab, seal any penetrations into the body with Silicone RTV when attaching the sending unit. Screws and sealant are not included in the kit for this installation method. Technician is responsible to ensure no damage is done to equipment inside cab.

- Mount the repeater using cable ties (included), bolts, or rivets. Repeater harness should be secured to factory wire harness or air lines with supplied cable ties and route towards the battery box. See Figure 3.

### Wire Harness Connection

- Starting at the component furthest from the fuse panel (usually the repeater) connect one lead of the wire harness to the Weather Pack connector on the component harness. Secure harness to factory wire harness or air lines with supplied cable ties and route towards the fuse panel.

**NOTE:** The supplied wire harness has 2 pre-terminated Weather Pack connectors. One lead is longer than the other, but the connectors are electrically the same. Use the proper length lead for each component. See Figure 4.

- Connect the second lead of the wire harness to the Weather Pack connector on the remaining component. Secure harness to factory wire harness or air lines with supplied cable ties and route towards the fuse panel.

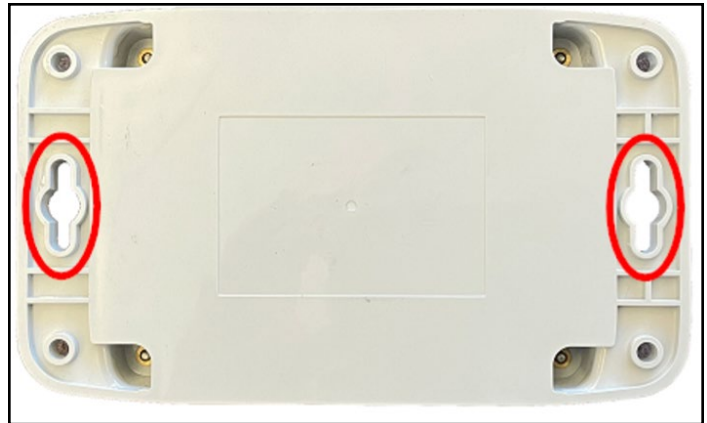


Figure 2

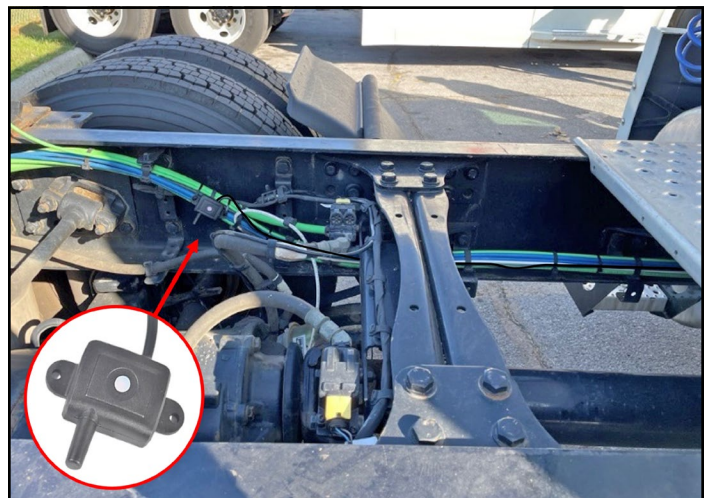


Figure 3: Recommended repeater location.

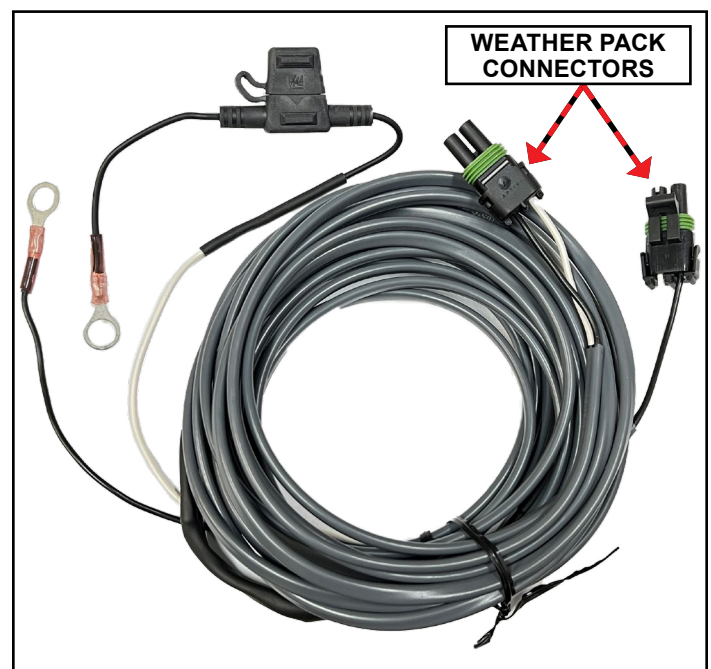


Figure 4

- Connect ring terminals of the harness to the fuse panel, ensuring positive (+) and negative (-) leads are on correct terminals. Secure any excess harness using supplied cable ties. Ensure wire harness does not interfere with installation of fuse panel cover, if applicable. Verify 2A fuse is installed in wiring harness fuse holder. See Figure 5.

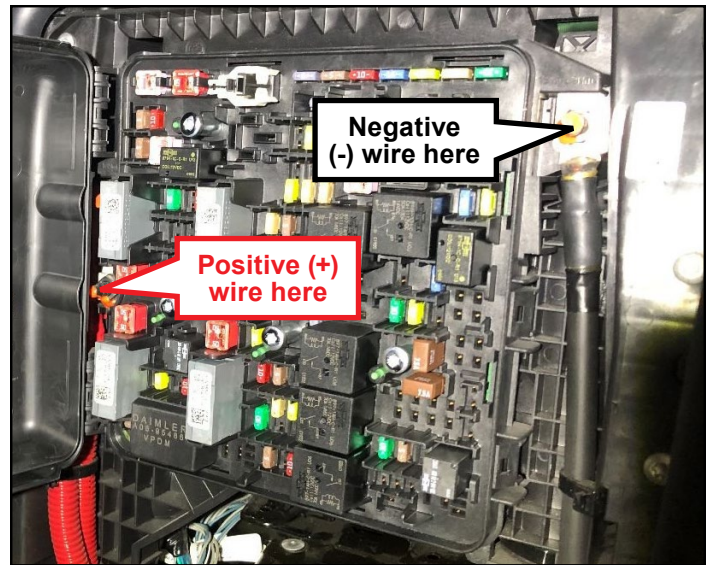







Figure 5

### Power on System

- When power is applied, verify status lights on TVL sending unit. See Figure 6.

TireView LIVE Receiver indicator light		
LED (Signal)	Signal ACQUIRED (Blinking)	NO LIGHT
RED		Check power connection

TireView LIVE Sending Module indicator lights		
LED (Signal)	SEARCHING for Signal (Blinking)	Signal ACQUIRED (Solid)
GREEN (GPS)		
AMBER (Cellular)		

**NOTE:** If green or amber lights do not turn solid, move vehicle outdoors or to an area with better cellular coverage.

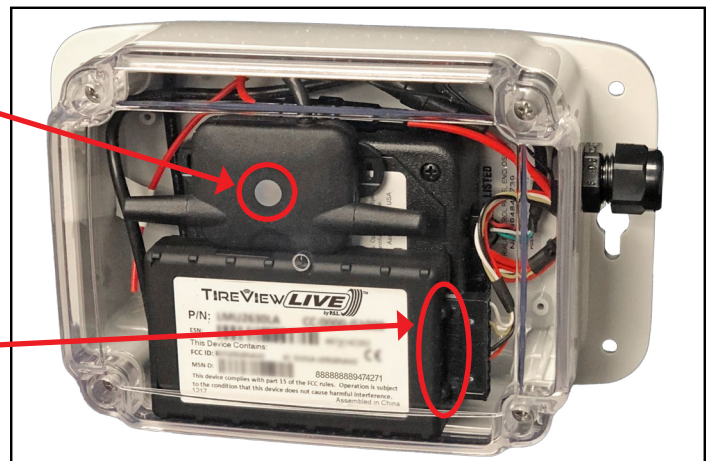


Figure 6

### Install Decals

- Consult vehicle owner operator, fleet owner, or management for decal placement. Clean surface prior to decal installation.

**NOTE:** Do not place decals on sending unit cover or obstruct sending unit barcode label.

### Program Sensors to System

- Use the mobile app (Goodyear® TPMS Plus™, TireView LIVE, etc.) to program the system and install sensors.



# TPMS Sending Unit, Harness and Repeater Installation

## *Truck/Tractor Applications*

### Record of Revisions

Revision Number	Revision Date	By
A	October 03, 2024	CS
B	August 20, 2025	CS



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