

## PRESSUREPRO® INSTALLATION & OPERATING INSTRUCTIONS

Congratulations on your purchase of the PressurePro tire pressure monitoring system – the finest system of its type on the market today. Read and follow installation instructions to properly install your system for best operation and performance.

### **PRESSUREPRO SYSTEM BASIC CAPABILITIES and DESCRIPTION:**

PressurePro is a wireless electronic tire pressure monitoring system designed to alert to low tire pressures. PressurePro can be used on cars, RVs, trucks, trailers, commercial and towed vehicles.

PressurePro consists of two basic components: Sensors and a Monitor. Sensors assess the air pressure in each tire and when it drops, a coded signal is transmitted to the Monitor located in the vehicle. A flashing light and an audible alarm alert the driver to the tire location that has low pressure. The low-pressure reading will flash in the window on the face of the Monitor. Should tire pressure continue to drop, a second, more urgent warning alerts again to low pressure. The low-pressure tire location flashes with the low pressure tire reading on the Monitor.

*NOTE: PressurePro is meant only as a low-pressure warning system alerting you of a pressure leak or a low tire situation. PressurePro will not prevent a catastrophic tire failure (tire bursting). In a catastrophic failure, a PressurePro sensor may be ejected from valve stem.*

**CAUTION:** Tires and valve stems should be in good condition and inflated properly. A visual inspection of each tire on a regular basis is recommended.

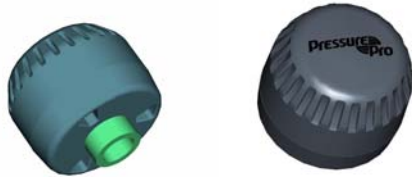
PressurePro does not prevent low tire pressure. PressurePro will alert when tire pressures are low allowing action to be taken.

**WARNING:** If PressurePro sounds an alert while you are driving, immediately pull over in a location safely away from other traffic, check tire location, and correct low-pressure problem.



## SYSTEM COMPONENTS:

1. Shown to the right are two PressurePro monitors.
2. Sensors, one for each tire. Reads tire pressures and automatically transmits pressure readings to the Monitor.



### SENSORS

3. Fused cigarette lighter receptacle plug power cord.
4. Hook & Loop pads - used to install Monitor in vehicle

## OPTIONAL ACCESSORIES:

- An optional 10ft power cord that can be hardwired to the vehicle.
- Power Plug-in Gooseneck Monitor holder
- Multi-head power accessory – allows multiple (2) accessories to be plugged in and powered.
- Visor clips / suction cup – mounting brackets (2).



**PRIMARY and TOW – Reads up to 16 Wheels**



**POWER and TRAILER - Reads up to 34 Wheels**

## HOW TO:

**CHECK TIRE PRESSURE WITH PRESSUREPRO** – To determine current tire pressures, move vehicle(s) so that tires rotate at least 1 full turn. To review tire pressures, press the “UP” or “DOWN” arrow, with the Monitor in Normal Mode, to select the tire you wish to display. (It may take several seconds to obtain readings from all tire Sensors.) Using a magnet can also check the tire pressure. Holding a magnet close to the sensor for 5 seconds triggers the sensor to send a pressure reading to the Monitor. To review tire pressures, press the “UP” or “DOWN” arrow, with the Monitor in Normal Mode, to select the tire you wish to display.

**MANUALLY CHECK TIRE PRESSURES and INFLATE TIRES** – It is recommended that tire pressures be checked on a regular basis with a quality tire pressure gauge. Remove Sensors from valve stems, check pressure, and inflate tire if necessary. Reinstall Sensor. Reprogramming the sensor is not necessary if it is reinstalled to the same tire location. If removed, leave off for at least 30 seconds so that new warning levels can be set based on corrected tire pressure.

**ACCOMMODATE A LOST SENSOR** – If a Sensor is lost or removed, the system will alert after approximately 15 minutes. The location of a lost Sensor will light and flash, “- - -” will flash with that location, and an audible “beeping” will sound. Stop and check that tire location. If a Sensor is missing, it is possible to change to a less-frequent ‘reminder’ alarm by pressing any button. A full alert will return every 15 minutes if the vehicle continues to move.

**INTERRUPTION WHILE INSTALLING** – If, during installation, an interruption occurs and the installer is delayed for more than 2 minutes, the system will “time out” to Normal Mode. Lights on wheel locations will go out. To restart installation, hold “SET” until the green light remains on (~5 seconds). The Monitor will show a solid light for wheels with sensors installed. Continue installation from step #5 of the “Installation Instructions” Section.

**INFLATING TIRES** – When inflating tires, it is necessary to remove the sensors from the valve stem. Pressurize tires to proper level and check with a reliable air gauge. Reinstall Sensor. Sensor will now read the new pressure and transmit this new reading to the Monitor as the new reference point. Reprogramming the sensor is not necessary if it is reinstalled to the same tire location.

**CHANGING THE ALARM STATE** – Press any button after the alarm sounds. This puts the alarm in ‘reminder’ mode. If there is no button press after 15 minutes, ‘reminder’ mode will activate automatically. A slow “alert” beep will continue to be given as a reminder of a low-pressure or missing sensor situation. If alarm is due to a lost sensor, the location may be deleted from the system by holding the SET button for 10 seconds. The sensor will be deleted, along with all corresponding alarms.

## FREQUENTLY ASKED QUESTIONS:

### WHAT SHOULD I DO IF A SENSOR IS LOST, STOLEN OR DAMAGED?

*A Missing Sensor Warning will occur. Delete the sensor from the Monitor (see “SET” Button in the “Button Description:” sections. If a sensor is lost, call Advantage PressurePro as soon as possible at – 800-959-3505 – to order a new Sensor.*

### WHY DOESN'T THE MONITOR STAY IN PROGRAM MODE?

*The Monitor will automatically exit Program Mode if no button is pressed for 3 minutes.*

### HOW DO I TURN OFF THE WARNING BUZZER?

*The buzzer is only turned off when the selected tire does not have a warning. The easiest method to do this is pressing the “ON” button.*

### HOW LONG WILL MY SENSOR BATTERY LAST?

*Battery life is affected by many factors, including extremely hot or cold temperatures, frequent starts, length of trip, and especially during low air pressure alerts. Anytime a low air warning exists, the Sensor is continually transmitting the error message to the monitor. This message is sent until the low pressure problem is corrected. (See “Sensor Battery Life” Section)*

### WHAT DO I DO ABOUT A LOW SENSOR BATTERY ALERT?

*Batteries are not replaceable. It is necessary to replace the entire Sensor. Immediately call 800-959-3505 and reorder.*

### WHAT SHOULD BE DONE IF A LOW PRESSURE ALERT IS SOUNDED?

*Immediately pull over and check Monitor for low tire location, and physically check tire and plan for the repair.*

### WHAT HAPPENS WHEN I REMOVE A SENSOR TO FILL A TIRE?

*When inflating a tire, remove Sensor and inflate to recommended level. Screw Sensor back onto the valve stem. The new tire pressure reading has now been accepted and transmitted to the Monitor. This new level now becomes the reference pressure reading from which alerts are triggered. When removing a sensor to fill tire, remove for at least 30 seconds and system will automatically accept the new pressure as reference point. Reprogramming the sensor is not necessary if it is reinstalled to the same tire location.*

**NOTE** – ‘Reference value’ is defined as the vehicle's recommended tire pressure. The tires must be inflated to this pressure before installing the Sensors, which will cause them to remember that level as the basis for setting the trigger-pressure alarms. Each time the Sensor is removed for more than 30 seconds and reinstalled, the reference value will be reset to the tire pressure at that time.

## SPECIFICATIONS

### SENSOR

Sensor Transmit Range	Over 100 feet Line-of-Sight
Operating Frequency	433.92 MHz FM
Sensor Weight	Approx. 2/3 oz.
Sensor Dimensions	1.01" H x 1.11" Dia.
Sensor Batteries	Internal, non-rechargeable
Sensor Pressure Range	10 to 150 psi
Sensor Low Voltage Shutdown	2.2 Volts

### MONITOR

Monitor Power Requirements	12VDC; typically draws 25 mA and up to 200 ma with LEDs on
Monitor Dimensions	6.5" W x 3.0" H x 0.5" Deep
Monitor Power Cord Plug Type	USB Mini B
Monitor Tire Positions	1 to 34 wheel positions
Sensor Alarm Trigger Settings	Variable 10% through 25% below reference tire inflation level

*PressurePro sensors and monitors comply with Part 15 of the FCC Rules and the following paragraphs apply to both:*

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications to the equipment not authorized by Advantage PressurePro could void the user's authority to operate the equipment.

**US Letter Patent # 6,453,737**

**Other US and Foreign Patents Pending**

## SYSTEM SPECIFICS, TIPS and ADVANTAGES:

Some vehicles are frequently stored for prolonged periods of time. If a vehicle with a PressurePro system is left in storage with a PressurePro Monitor operating (Monitors only draw 25 mA on standby) and a tire deflates, the Sensor will transmit an alert. When this occurs, the Monitor alarm and the audible alert will shut down after approximately 2 minutes, but troubled tire location will remain flashing on the Monitor until it is reset. This faithful operation represents a good case for leaving the system **ON at all times**. One should know the general condition of all tires before moving the vehicle from the storage area because a deflated tire can be ruined over a very short distance.

The sensor guarding the previously balanced tire on a typical RV or truck seldom necessitates that the tire balance be reassessed. The very small 12-13" tires that are on some cars may require attention. If re-balancing is desired, merely attach to the wheel either a ½ oz. stick-on-weight or a conventional hammer-on-weight to a location across from the Sensor and valve stem.

**CAUTION:** *If you have Alcoa dual wheels and use extension tubes, it is **strongly advised** that you use an Alcoa Valve Stem Extension Grommet Stabilization Kit to secure more rigidly, the inner wheel valve stem extension tubes. Although PressurePro did not develop or manufacture the kit, the kit does effectively augment PressurePro installations on Alcoa dual wheels. Kits may be ordered from PressurePro.*



## **LIMITED WARRANTY**

**ONE YEAR LIMITED WARRANTY:** Subject to the limitations and exclusions set forth in this Limited Warranty, PressurePro is warranted by Advantage PressurePro, LLC against defects in material or workmanship that result in a product failure during the one-year period following the date of purchase. This Limited Warranty applies only to claims made by the original end user and cannot be assigned, transferred or conveyed to any subsequent users.

**EXCLUSIONS FROM COVERAGE:** This Warranty does not apply to any claims arising from misuse, abuse, unauthorized repair or alteration, circumstances where PressurePro is improperly installed or improperly wired contrary to PressurePro product instructions; or damage or defect attributable to fire or other casualty, including, without limitation, acts of God or exposure to abrasive or corrosive materials or pollutants, or attributable to collision or other accidents involving vehicles upon which the PressurePro is installed.

**LIMITATIONS:** Advantage PressurePro, LLC expressly limits the applicability of the implied warranty of merchantability and the implied warranty of fitness for a particular purpose to the one-year warranty period as provided in this limited warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

To the extent permitted by state law, the remedy of repair or replacement discussed below is the sole remedy available to the end user under this Limited Warranty. **THIS LIMITED WARRANTY SPECIFICALLY EXCLUDES ALL INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.** To the extent permitted by state law, Advantage PressurePro, LLC's liability for PressurePro will not exceed the purchase price paid for the product.

**NOTICE:** This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

**EXCLUSIVE AGREEMENT:** To the extent permitted by state law, this One Year Limited Warranty is a complete and exclusive statement of the warranties, which apply to the PressurePro; there are no express or implied warranties beyond those expressly stated above. No employee, agent, dealer or other person is authorized to give any warranties on behalf of the Seller, except as authorized in writing.

**STATUTE OF LIMITATION.** To the extent permitted by state law, in purchasing the PressurePro you agree that any action for breach of contract or warranty must be commenced within one year after the cause of action has accrued. Some states may not allow this provision, so it may not apply to you.

**PROCEDURE:** Within the limits of this Warranty, inoperative units should be returned to address listed below, transportation prepaid, to be repaired or replaced at Seller's option, with no charge to sender. Sender is responsible for all costs incurred in the removal or reinstallation and shipping of the unit returned for repair or replacement. A copy of the sales slip must accompany units returned from the point of purchase.

**ADVANTAGE PRESSUREPRO, LLC**  
205 West Wall St.  
Harrisonville, MO 64701  
Tel: 816-887-3505 Fax: 816-887-3705

[www.advantagepressurepro.com](http://www.advantagepressurepro.com)

If further information or assistance  
is required, contact us at:  
1-800-959-3505



Tire pressure monitoring systems.

Congratulations and thank you for purchasing the PressurePro System!











## FIRST TIME INSTALLATION

We hope to make your installation easy and have provided this Quick Setup Guide to help. Please refer to the main Installation Instructions if you have questions or for technical support information.

**IMPORTANT NOTE: DO NOT INSTALL THE SENSORS ON THE TIRES UNTIL ASKED TO DO SO!**

The Monitor has several modes of operation. To configure the system for your vehicle you need to enter *PROGRAM MODE*.

- 1 Plug in the Monitor and connect it to the lighter accessory via the furnished power cord. Wait 5 seconds.
- 2 To enter *PROGRAM MODE*, hold the  button down until the green light below the  button remains on solid (after approx. 5 seconds).  
Note: If no button is pressed for 3 minutes or  is pressed, you will exit *PROGRAM MODE* and enter *NORMAL MODE*.  
When no sensor has been installed, the Monitor will display "No Sensor" as "vo", "ΣEv", "Σop."  
A pressure value is only displayed in *PROGRAM MODE* when a new sensor is received (green light will also be flashing 2x per second). Once in program mode, the driver side front tire position begins to flash.
- 3 Screw any sensor  onto the valve stem of the tire corresponding to the flashing tire location on the Monitor. **TIGHTEN BY HAND ONLY. USING A TOOL TO TIGHTEN MAY DAMAGE THE SENSOR OR VALVE STEM.**
- 4 Wait for the Monitor to display a tire pressure and start flashing the green light twice per second (may take a minute after sensor is screwed on). This is the only time a pressure value is displayed in *PROGRAM MODE*.
- 5 Once the pressure is displayed, hold  until the green light becomes solid again (approx. 1 second). This associates the sensor with its tire location, and moves to the next tire. You may skip unused tire positions by using the  buttons.
- 6 Repeat steps 3 -- 5 for each tire location.  
NOTE: If no pressure is displayed and green light is still solid after a minute, a signal was not received. Reposition Monitor slightly inside vehicle to achieve a better signal. Remove the sensor from the tire for at least 30 seconds to reset it, screw the sensor on the tire, and return to step #4.
- 7 When all sensors are installed, press  to exit *PROGRAM MODE*.
- 8 The Monitor is now in *NORMAL MODE* and the display will be lit with solid red lights indicating each tire location with a sensor installed. Use the  buttons to cycle through the tire locations.
- 9 After successfully completing the above, mount the Monitor in your desired location.

CONGRATULATIONS, YOUR PRESSUREPRO INSTALLATION IS NOW COMPLETE!