

Thank you for choosing RVenture TPMS. For a successful installation, follow the below instructions carefully before relying on RVenture TPMS to monitor your tire pressure and temperature.

### Sensor Features

1. The sensors easily install on the valve stem, can be installed inside the wheel/tire assembly or came from the factory installed inside the wheel/tire assembly.
2. Sensors are water resistant.
3. Removal of a screw on sensor will shut off the sensor battery.
4. Sensor batteries last approximately 1-1.5 years and have a user replaceable battery.
5. Tire leaks and high temperatures are detected quickly.
6. Sensors are automatically detected by the display unit but you must select the sensor location.

### Display Features

1. 5-inch LCD color screen display with direction pad for ease of programming and use.
2. Magnetic dock on the display back for included suction cup mount, or any magnetic mount of your choosing.
3. Enter your cold tire pressure to automatically set high and low alert thresholds. High alert threshold defaults to 25% above cold tire pressure and low alert threshold defaults to 10% below cold tire pressure. These thresholds are also user adjustable.
4. Sensor battery voltage status feature.
5. USB-C power cord and adapter.
6. Rechargeable internal lithium battery.
7. Automatic display brightness, depending on lighting conditions.
8. Visual, audible and textual warning alerts will let you know when pressure, temperature or battery voltage are outside of automatic or user programmed threshold.
9. Tire pressure can be displayed in PSI or BAR.
10. Temperature can be displayed in °C or °F.
11. Will monitor power unit and up to five (5) trailers and a total of 46 tire positions including spares.
12. Scrolling tire pressure and temperature readings are displayed simultaneously for quick viewing of each tire.

## Display Installation & Charging

The provided magnetic mount with suction cup base can be used on the windshield, side window or directly on smooth, nonporous surfaces.

To charge the display's non-replaceable, internal lithium battery, plug the USB power cord in the provided 12v power adapter and then into the vehicles 12v power port. Plug the USB-C end of the power cord into the side of the display. The battery icon on the screen will show state of charge and that charging is occurring.

## SYSTEM DEFAULT SETTINGS

|  |         |
|--|---------|
| Pressure Unit                                    | PSI     |
| Temperature Unit                                 | F°      |
| High Pressure Alert                              | 125 PSI |
| Low Pressure Alert                               | 90 PSI  |
| High Temperature Alert                           | 158°F   |
| Power Unit Cold Tire Pressure                    |         |
| Steer Axle                                       | 100 PSI |
| Drive Axle                                       | 100 PSI |
| Spare Tire                                       | 100 PSI |
| Power Unit Manual Input High and Low Pressure    |         |
| High (Axle 1/2/3/S)                              | 125 PSI |
| Low (Axle 1/2/3/S)                               | 90 PSI  |
| Trailer Cold Tire Pressure                       |         |
| Trailer # 1/2/3/4/5                              | 100 PSI |
| Trailer Manual Input High and Low Pressure Alert |         |
| High (Axle 1/2/3/S)                              | 125 PSI |
| Low (Axle 1/2/3/S)                               | 90 PSI  |

**Note:** Default pressure settings are based on the cold tire pressure.

## Cold Tire Pressure (CTP) System Default Settings

Cold Tire Pressure (CTP) defaults alerts are 25% above CTP for High Pressure and 10% below CTP for Low Pressure.

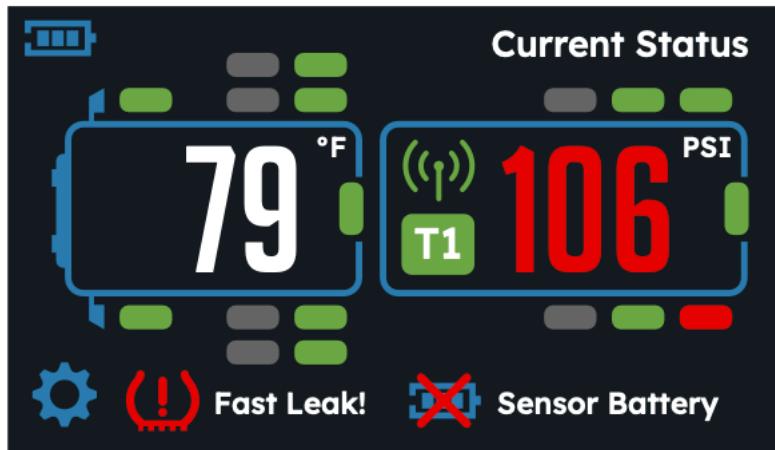
| Example Scenarios         |  |
|---------------------------|--|
| Steer Axle                | CTP of 100 PSI                         |
| Axle 1 High Alert         | 125 PSI (100 PSI CTP x 125% = 125 PSI) |
| Axle 1 Low Alert          | 90 PSI (100 PSI CTP x 90% = 90 PSI)    |
| Drive Axle                | CTP of 110 PSI                         |
| Drive Axle 2/3 High Alert | 138 PSI (110 PSI Cap x 125% = 138 PSI) |
| Drive Axle 2/3 Low Alert  | 99 PSI (110 PSI CTP x 90% = 99 PSI)    |
| Spare                     | CTP of 120 PSI                         |
| Spare High Alert          | 150 PSI (120 PSI CTP x 125% = 150 PSI) |
| Spare Low Alert           | 108 PSI (120 PSI CTP x 90% = 108 PSI)  |

## Icons & Color Codes Meaning

|  |                                      |
|--|--------------------------------------|
|  | Tire Icon (uncoded)                  |
|  | Tire Swap (Swap Tire Screen)         |
|  | Tire Normal (after coded)            |
|  | Tire Alert Pressure (after coded)    |
|  | Tire Alert Temperature (after coded) |
|  | Pressure Warning                     |
|  | Temperature Warning                  |
|  | Sensor Battery Low                   |
|  | Good Signal                          |
|  | Weak or No Signal                    |
|  | Trailer Icon (Trailer 1 example)     |

## Understanding Your Tire Alerts

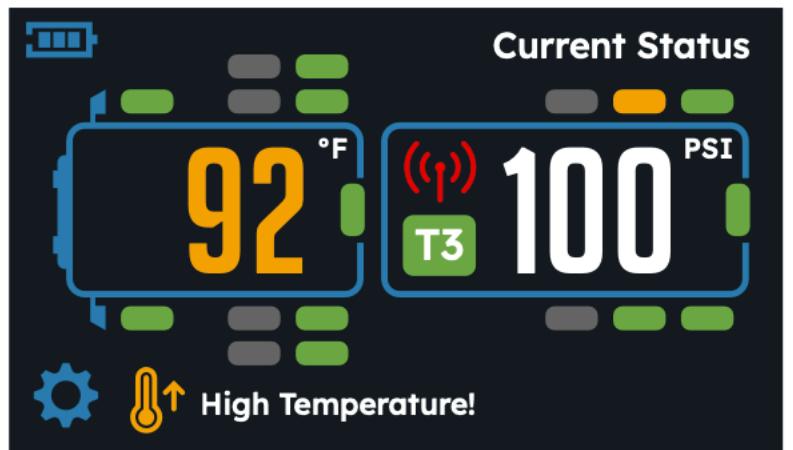
### Fast Leak Alert



**Example:** Low Pressure threshold is 90 PSI.

1. Tire position will start flashing red.
2. Low Pressure indicator and icon will flash, once every second.
3. Audible alert will sound.

### High Temperature Alert



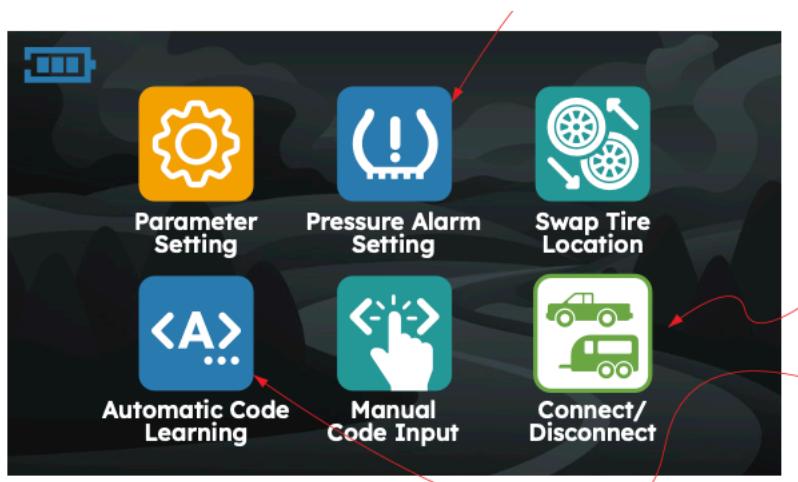
**Example:** High Temperature threshold is 158o F.

1. Tire position will start flashing red.
2. High Temperature indicator and icon will flash, once every second.
3. Audible alert will sound.

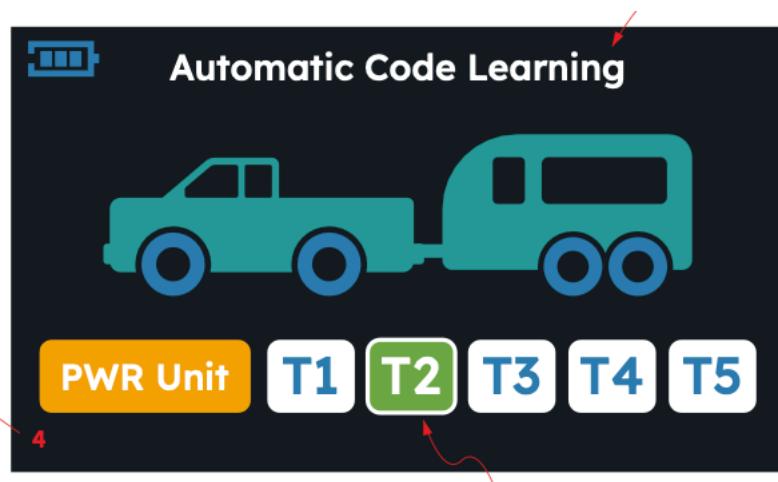
### Adding Sensors

To pair sensors:

1. Press enter to view the settings screen
2. Select Automatic Code Learning



3. Select whether you are adding the sensors to the Drive Unit or a Trailer



4. Select the tire that corresponds to the position where the sensor will be installed and press enter; The selected tire will flash yellow.
5. Screw the sensor onto the actual tire until hand snug and wait.
6. Sensor will turn green when found.
7. Repeat process for additional sensors.

## Contact Us

Need help or have questions? Contact our Nashville, TN based customer service.

[www.phoenixworldwidellc.com](http://www.phoenixworldwidellc.com)  
[help@phoenixworldwidellc.com](mailto:help@phoenixworldwidellc.com)

Federal Communications Commission (FCC) Statement. 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. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by Black Swan Manufacturing Inc

may void the FCC authorization to operate this device. Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

### RF Exposure statement:

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device is installed and operated without restriction.