



Truck System Technologies

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Tech Support: *M-F 9am-8pm, and Sat 9am-2pm (Eastern)*

Warranty: *3 years*

510 (Long Life Battery) Quick Installation Guide

MARRYING SENSORS TO TIRE POSITIONS

1. Take Sensors out of package and decide which tires the sensors will be placed on. Use number labels from kit and mark each sensor according to tire position. Use the T1, T2, etc. numbers for a trailer or towed unit. (Do not place labels over the codes on the top of the sensor.)
2. Turn monitor on. **Press and hold the SET button** until it beeps, about 6 seconds. (This will put you in the coding mode.)
3. **Press and release the SET button to move cursor to the first tire position** you want to add a sensor to.
4. The display will show ffff or an alphanumeric code. Use the + or – buttons to change the first digit to the number or letter on the top of the sensor. **Press and release the MODE button to go to the next digit.**
5. **Press and release the SET button to move to the next tire position** you want to add a sensor to. Get the next sensor in your series and code it.
6. **REPEAT** steps 4 and 5 until all of the sensor digits have been entered for each tire.
7. **Press and hold the SET button.** (This will bring you to the standby screen and you will see only the tire positions you have set.)

PROGRAMMING HIGH AND LOW PRESSURE AND HIGH TEMPERATURE ALARMS

1. **Press and hold the MODE button** until it beeps (approximately 6 seconds). You should see PSI as the unit of measure on the screen.
2. **Press and release the MODE button.** You will see either “F” for Fahrenheit, or “C” for Celsius. Press the + (plus) button to change to the unit of measure you want.
3. Press and release the MODE button. The first set of axles will be flashing along with the high-pressure icon. **Using the MODE button, press and release until you are on the set of axles you wish to program.**

NOTE: *Set the high-pressure alarm using the – (minus) button to 20% above normal operating tire pressure. (The default high pressure is 175).*

4. Press and Release the MODE button. The same set of axles will be flashing along with the low-pressure icon. (The default low pressure is 100.)

NOTE: *Set the low-pressure alarm using the – (minus) button at 10% below normal operating tire pressure.*

Example: Your normal tire pressure is 100 lbs. Set the high-pressure alarm to 120 lbs. and the low-pressure alarm to 90 lbs.

NOTE: ***IF THE NORMAL TIRE PRESSURE IS LOWER THAN 100 PSI, YOU MUST FIRST SET THE LOW PRESSURE ALARMS. THEN, USING THE MODE BUTTON, SCROLL THROUGH ALL AXLES AND BACK TO THE AXLES YOU ARE USING. NOW YOU CAN SET THE HIGH PRESSURE ALARM FOR EACH AXLE.***

5. When you reach the **trailer section** of the monitor, all of the axles/tires will be flashing. **Set the high and low-pressure alarms as above** for all of these axles at one time, as a group.
6. **Press and release the MODE button.** You will see the default temperature of 158°. This is the last setting. We recommend leaving the high temperature alarm here.
7. **FINAL STEP: Press and release the SET button** to save all parameters. You will hear a beep. The screen will change to the standby mode for normal operation.

You can now install the sensors on the valve stems in the correct tire positions using the wrench provided and the monitor screen will display the current temperature and pressures of your tires. The initial readings may take up to ½ hr. to display. After the first time, the sensors should read after a few minutes.