

Tire-Insight

TPMS Quick User Guide

Monitor Operations:

- Plug in power adaptor and/or turn on battery switch to start up; monitor will clear all tire readings and show “- -“ for all tires. Thereafter monitor will display tire info upon receiving sensor signals, in a few minutes if vehicle is moving and might be up to an hour when parked.
- Upon detection of an abnormal tire condition the monitor will immediately beep, display warning icon, and flash **red** or **green** status light. The monitor will clear the warning(s) when back to normal.
- In **Continuous Display** mode the screen will display tire readings one-by-one and non-stop. In **Standby** mode the screen will be turned off after 2 minutes in normal operation, but will be turned on and kept on in warning situations. Use the **CD** screen to toggle between the two display modes.
- Press the **Setup Button** to turn on screen backlight, press again to turn off. While in battery power the backlight will be turned off automatically after a minute.
- Press the **Control Button** to call up tire readings one-by-one, in either display mode.
- Turn on backlight, and then press the **Control Button** 3 seconds to temporary clear warnings; warnings will come back if abnormal tire conditions persisted.
- While in battery power, pressing the **Control Button** 6 seconds turns off the monitor; then pressing the button once turns it back on – this is a way of monitor shutdown without using the battery switch.
- Poking a pin through the **Reset** hole on the back and pressing once will clear all the tire readings.
- Use the **Gauge Calibration** screen to reconcile gauge and TPMS differences – usually not needed.
- Use the **SA** screen to quickly setup per-axle warning levels based on current tire PSI: for LP warning – 12% below averaged axle tire PSI; for HP – 30% above the highest PSI on vehicle.

Frequently Asked Questions

How to use the temperature readings?

Air flow and the environment would affect the external sensor temperature measurement so the readings are not as accurate as for the internal sensors. However the objective is to learn of potential problems that could produce higher temperature, such as a jammed brake, stuck axle, or broken bearings. From regular driving the driver would know the normal sensor temperature readings, so if something out of ordinary was observed, it could be the telling sign of a developing problem.

Why the monitor showed “- -“ for some tires?

If there is an antenna icon accompanied the “- -“ for the tire then it indicates a signal reception problem. If this is a new TPMS installation, moving the monitor mounting location might help, or adding a cabled antenna or signal booster. For a system that has been working, replace the sensor.

How to handle a TPMS warning?

Always park the vehicle in a safe place before checking out the warnings. The PSI and °F readings plus the warning icons will indicate what caused the alarm; take care of the issues accordingly.

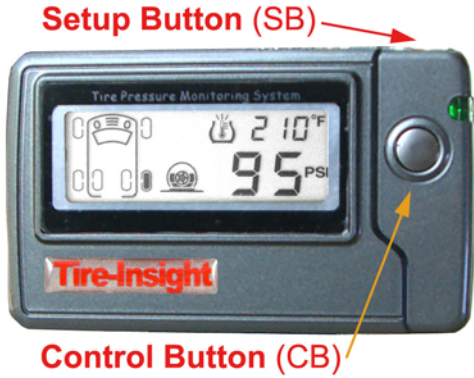
How to silence the TPMS warnings caused by a lost or bad sensor?

(1) Press both the **Setup** and **Control** buttons for 6 seconds to get into the **AU** mode, (2) press **Control** once for advancing to the manual programming mode, (3) press **Setup** once to activate the blinking front-right tire icon, (4) press **Control**, if necessary, for moving the blinking icon to the target tire, (5) press **Setup** 3 seconds, after a beep the blinking icon moves to the next tire – the sensor assignment is erased for the target tire, (6) press **Control**, if necessary, for moving the blinking icon out of the last tire – system is back to normal operation and the target tire will show “- -“ on screen.

How to replace a sensor?

(a) Remove the old sensor, (b) follow steps (1) to (4) described above, (c) install new sensor on target tire, wait 1 to 1.5 minutes for the newly pressurized sensor to make up and transmit signals, (d) upon receipt of new sensor signals the blinking icon will move to the next tire, (e) follow step (6) to complete the sensor replacement; target tire will show new readings on screen.

Tire-Insight



Status / Warning Icons



Low Pressure



Slow Leak



High Pressure



High Temp



**Charging Monitor (Flashing)
Low Sensor Battery (Steady)**



**Programming Sensor (Flashing)
No Sensor Signal (Steady)**

Monitor Status Light:

- **Normal:** **Green** – Vehicle powered; **Unlit** – Battery powered
- **Alarm:** **Flashing Red** – Low Pressure; **Flashing Green** - Others

	Auto Program Mode * SB+CB 6 seconds * SB once to start (For new system only)		Manual Program Mode * SB+CB 6 seconds * CB once for tractor * SB once to start
	Quick Set Alarm * SB 3 seconds * SB once to set all PSI warning thresholds		Change Display Mode * SB+CB 6 seconds * CB few times to find * SB once to change
	Manual Set LP Alarm * SB+CB 3 seconds * CB to adjust setting * SB to next axle		Manual Set HP Alarm * SB+CB 3 seconds * SB few times to find * CB to adjust setting
	Set Temp. Alarm * SB+CB 3 seconds * SB few times to find * CB to adjust setting		Gauge Calibration * SB+CB 3 seconds * SB few times to find * CB to adjust setting
	Disable Tractor * SB 3 seconds * CB few times to find * SB once to disable		Disable Trailer * SB 3 seconds * CB few times to find * SB once to disable
	Enable Tractor * SB 3 seconds * CB few times to find * SB once to enable		Enable Trailer * SB 3 seconds * CB few times to find * SB once to enable

Note: Enable/Disable screens only appear for system with a towing and a towed vehicles configuration

Sensor ID and Tire Location Mappings

