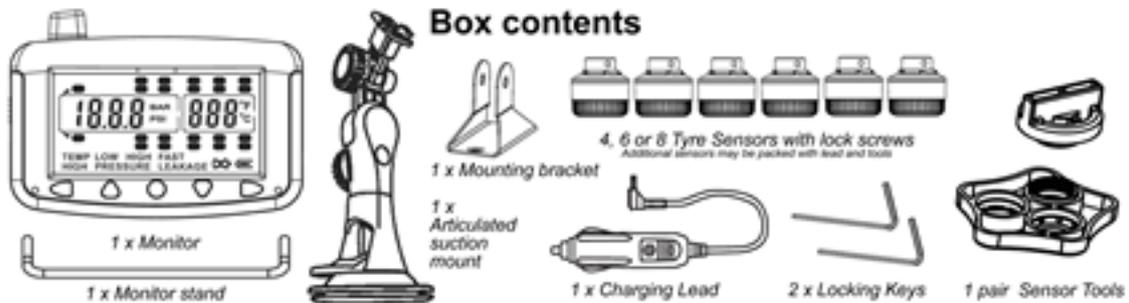


A step by step guide to setting up a TyrePal TC215B Tyre Pressure Monitoring System

Introduction

The TC215B system is designed for people wishing to monitor the tyre pressures on a trailer or caravan, while also having the potential to monitor the tyre pressures and temperatures on the tow vehicle as well. The TC215B system operates wirelessly, using external sensors which simply replace the valve caps on the wheels. The components of the TC215B system are as follows:



Please familiarise yourself with these components before attempting to turn the monitor on.

Please read through, all of these set up guidelines before attempting to configure your monitor. This is important.

We recommend that you read the user manual provided with your TC215B kit, before proceeding to use these step by step set up guidelines. These guidelines do not replace the user manual.

Set up Procedures

It will be necessary to configure your TC215 monitor to the parameters required for your specific caravan / trailer or towing vehicle. This includes setting the high and low pressure alert levels – which in most circumstances, might need adjusting according to whether the system is being used to monitor the tyre pressures on the tow vehicle as well as a trailer or caravan. (It is usually necessary to adjust the tyre pressures of the towing vehicle when towing a trailer or caravan. The tyre pressures for solo use, will be different to those required when towing.)

Setting / adjusting high and low pressure alert levels

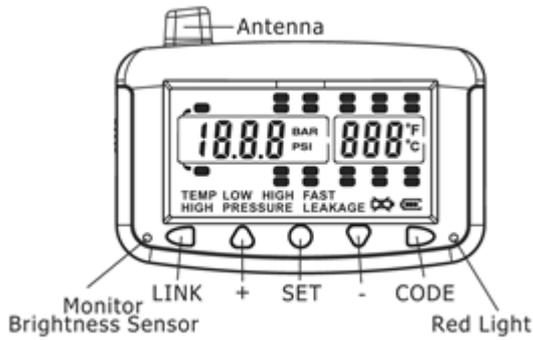
Note: we recommend that the high pressure alert level is set at +20% of the recommended inflation pressure (when cold) and the low pressure is set at -15% of the recommended inflation pressure.

Work these out before you start.

- 1) Turn the monitor on, using the sliding switch on the left hand side of the monitor. Push it up to turn it on. You will see the start-up screen as per picture below. (This monitor has not had sensors registered to the monitor previously)



There are five buttons on the front of the monitor: Link + SET - CODE



Press and hold the set button, for about 3-5 seconds until you hear a beep. Below is a picture of what you will see when the monitor enters set up mode.



You are now in set up mode. **(Note: if you do not do anything for a little while, the monitor automatically drops out of set up mode, so you will need to start again. It will not save your settings.)**

- 2) In the pictures above, the left hand monitor is using an inflation pressure unit of measure of PSI. This can be adjusted to BAR (see right hand picture above) by simply pressing the + or – button to select your preferred unit of measure.

Once happy with the unit of measure for inflation pressure, please press and release (do not press and hold) the set button, which will take you to the unit of measure for temperature. See pictures below.



- 3) In the pictures above, the left hand monitor is using a unit of measure for temperature of °C. This can be adjusted to °F (see right hand picture above) by simply pressing the + or – button to select your preferred unit of measure.

- 4) The next step is to press and release the set button again (do not press and hold) and this will take you to the high pressure alert level and you will see the front axle flashing. You will also see HIGH PRESSURE flashing as well. See pictures below.



IMPORTANT NOTE: you cannot set the high pressure alert level, lower than what the low pressure alert level is set at. You might find that when you try to reduce the high pressure alert level, it gets to a certain point and then jumps back up again. If this happens, the low pressure alert level is too high, and needs to be reduced. See step 5. Adjust the low pressure alert for all axles that you will be using, and then go back and do the high pressure alert levels. Pressing the set button repeatedly, allows you to scroll through the axles and settings, to get back to where you need to be.

If you are using the system to monitor your towing vehicles' tyre pressures, you will need to adjust the high pressure alert of the front axle. If you are only going to be monitoring the tyre pressures of the trailer or caravan, press and release (do not press and hold) the set button six times, to scroll through the axles and alert levels, to take you to the trailer on the monitor. (on which all three axles will be flashing, as on a trailer, the tyre pressures will all be the same – across all axles and wheels)

To adjust the high pressure alert level for the axle you are working on, press the + or – button to adjust the monitor to the required alert level for that axle. (Alert levels are always set across an axle, as one does not have different tyre inflation pressures for left hand or right hand tyres across an axle – they are supposed to be the same, across an axle)

- 5) Once you set the high pressure alert level for that axle, please press and release (do not press and hold) the set button again, and you will see the LOW PRESSURE alert level flashing. See pictures below.



To adjust the low pressure alert level, press the + or – button to adjust the monitor to the required alert level for that axle.

When you have completed setting the high and low pressure alert levels for the axle you are working on, press and release (do not press and hold) the set button and this will take you to the next axle.

- 6) Repeat these steps for all axles that you will be using. Note, that when you get to the trailer, all of the axles will flash at the same time, as all tyre pressures on a trailer or caravan are normally the same. One does not usually have different tyre pressures on a front axle compared to a rear axle.
- 7) When you have completed the set-up of high and low pressure alert levels, the next stage / press and release of the set button, will take you to the alert level for temperature. The system default is 70°C or 158 °F. We do not recommend changing this, so assuming that you are satisfied with what you've done so far, press and hold the set button for 3-5 seconds until you hear the beep. This locks your settings into the monitor.