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TireMinder "WHAT IF" Solutions Guide
(not in the original instruction book)

WHAT IF #1:
Configuration: Multiple wheels monitored including TOWED vehicle, trailer, etc. Usually 6 or 8 on the Power Unit plus 4 on the TOW.
Circumstance: Power unit (motor coach, truck, etc) is separated from the TOWED unit.
Monitor Reaction: Continues to read missing unit??

Explanation:
- The TireMinder TPMS will only notify you of the missing tires after 3 hours of separation. At that point the monitor will show "NO…5" which actually should be "NO…S" for "No Signal".
- At the same time a battery icon will flash with "Sensor" underneath. Don't mistake this as a weak battery in the transmitter.
- As long as you are aware you left the vehicle behind, you may simply ignore the warnings (it will only beep once an hour). If you are not aware of the missing vehicle, we suggest you turn around and go find it!!!
- When the two systems are re-united, the monitor will pick up the missing tires automatically. This last part usually happens within the first 20 to 30 minutes (sometimes it takes longer). If you need them to re-connect sooner, simply loosen and tighten the transmitters on the previously missing wheels.

"What if" #2:
Circumstance: Red light continues to flash after initial installation of all transmitters.
- We assume the tires are at their recommended pressures before installing the system. If this was not done, the following may not apply. It may simply be that one of the tires is over or under inflated by more than 20% (over) or 15% (under). If you know that all tires are at their proper pressures, read on.

Likely Problem: One of the tire locations (on the monitor) has been pre-programmed with the wrong tire pressure.
Solution: Press & Hold the center button for 5 seconds (until it beeps). Starting at the left front tire, the monitor will display the tire pressure YOU previously programmed for this position. If it's correct, press and release the center button to move to the next position. Scroll through all the tire positions you had programmed and confirm that they are all set at the correct pressures. If you find one that is not, simply press the right or left buttons to either raise or lower the setting. When all are correct, press & hold the center button (until it beeps) to exit this mode. In 9 out of 10 cases, the red light will no longer be flashing (OK, maybe 7 out of 10).

Another Possibility:
Please note the following example has nothing to do with dual tires. We have simply used the terminology in an attempt to explain what happens when a TireMinder transmitter has been mounted in a location that was not pre-programmed to your expected tire pressure needs.

Occasionally we have found users pre-programming the monitor for an inside dual position. When in the initial "learn" mode, they have selected the outside dual position on the monitor. Even though they mount the transmitter on the inside dual tire, the monitor will turn GREEN indicating that a signal has been received. It will show up as the outside dual on the monitor. As this position was probably not pre-programmed to their pressure, the unit will flash red after exiting from the learn mode.
In this instance, there are two solutions:

1) If you are OK with monitoring the tire condition at that location (on the receiver), simply press & hold the center button (until it beeps). Press the center button until you reach the outside dual position in question. You will see that the pressure at the top is not what you thought you had pre-programmed (probably 72.4 psi – factory default setting). Press the right or left button to raise or lower this setting to what this position should have. Press & Hold the center button again (YES - until it beeps). The unit will pick up the correct pressure and there should be no red light.
2) Alternatively, if you want to change the position on the monitor (from the outside dual to the inside dual – example only EH?), you are going to have to go back to the incorrect position on the monitor, delete the position and then re-program to the correct position. Hmmmm – how to start??

- Press & Hold the right and left buttons (until it beeps)
- Press the right or left buttons to scroll to the offending position
- You will see a pressure reading at the top (could be 0.0psi)
- Press & hold the center button (guess how long???)

- The top will show _ _ _ psi with a steady red light
- You have now erased this position
- Remove the TireMinder transmitter (if it's still on the tire)
- Press the right or left button until you reach the location you wish to monitor
- Re-install the transmitter – the light should turn GREEN and you should have the tire's exact pressure at the top of the monitor.
- Press and hold the right and left buttons (beep!!) to exit the "learn" mode

You have now moved the reading from the incorrect position (outside dual) to the correct position (inside dual) on the monitor. You should only see the tire positions which have transmitters mounted and of course **NO RED FLASHING LIGHT!**

WHAT IF #3:
Adding a towed vehicle (at a later date);
Condition: TMG400C or TMG500HD has been set up on one vehicle (i.e. Motor Coach with 6, 8 or 10 wheels). Monitor only shows the programmed number of tires.
Owner wishes to add a towed vehicle (ex. Jeep w/4 wheels at 33 psi). The monitor was not originally programmed for these 4 tire pressures and the unit will not allow programming of additional wheel positions.

Solution A: Work backwards!!
- Put monitor into "learn" mode (press and hold both right and left buttons until it beeps).
- Press right hand button to scroll to desired additional (new) position (light will be red).
- Mount a new transmitter (light turns green and shows pressure of tire)
- Press right hand button and scroll to next new position (red light)
- Mount another new transmitter (light turns green)
- Repeat for additional new locations
- When last transmitter has been mounted Exit Learn mode by pressing and holding both buttons again.
- The monitor will then show the addition of the 4 new tires. As well, the unit will beep, the red light will flash as will all four new tire positions. Do NOT let all this activity throw you off (remain calm!!).
- It is now time to reprogram the pressures for the new positions.
- Press and hold the center button until it beeps.
- Press the center button and scroll to the first new position. Press the right or left button to increase or decrease the pressure to the desired amount (example 33 psi).
- Press the center button and repeat the above until all new positions have the correct pressures.
- Exit from this mode by pressing and holding the center button until you hear a beep.
- I know, the red light is still flashing!!! That's because you need to do one more step (sorry).
- With the monitor in the normal mode, press the right or left button and scroll to the first "new" position. Unscrew the transmitter from the valve stem, wait for five seconds and re-tighten. Repeat for all new positions. The red light will no longer be visible after the last position has been reset.
- That's it!! You have now added the towed wheels.

Solution B:
Delete all the original tire positions and start over (page 5 item 6 a,b,c & e not D). When all have been deleted, be sure to add the pressures for the new positions (page 3 item 1). Once this is done you are all set to mount the transmitters for both vehicles (page 4 item 2). Please note, as you probably already have the 6, 8 or 10 transmitters mounted, it will be necessary to loosen each one and re-tighten during the re-install process. Alternatively you may simply remove them all and remount as usual.

WHAT IF #4:

Circumstance: Pressure loss warning after driving (vehicle is parked or traffic slows rapidly after high speed highway driving).

Explanation:
Tires have heated up while driving at highway speeds. This can raise the pressures significantly. When the unit comes to a halt, this pressure will drop. Under normal conditions the drop in temperature is gradual.

However, if it drops rapidly (3psi or more within 15 minutes), the TireMinder TPMS will beep and the red light will be activated. Obviously this should not be of concern as long as you know why the warning has occurred. The easiest way to stop the red light warning is to shut the monitor down completely (twice). This is done by pressing and holding the center button for 8 seconds (it will beep after 5 seconds – continue to hold it down for another 3 seconds. The unit will then go completely dark. Wait 5 seconds and press the center button to re-activate the monitor. Repeat if the red light is still flashing.

Alternatively, simply loosen the transmitter in question and re-tighten after 5 seconds. This will reset the system instantly.

We apologize that this scenario was not in the original instructions. It is unfortunate that the system cannot distinguish between pressure loss due to an actual leak versus pressure loss due to a rapid drop in temperature.
Solution:
Unfortunately there is no quick solution at this time. The best thing is to understand when this warning may appear and then have the knowledge to know why it is happening.
We recommend inflating your tires with NITROGEN if possible. Nitrogen has many benefits, not the least of which is lower running temperatures (less susceptible to rising temperatures due to high speed). This should eliminate the above mentioned "false alarm" completely.

Some Advice: The OPTIONAL transmitter locks can be more trouble than they are worth unless you are in a high-crime area. If you are in a high crime area, please leave the area immediately. The locks are not required to secure the transmitters to the valve stems. They are meant to be a theft deterrent only.

FOR YOUR TOWED VEHICLE: If your towed vehicle was manufactured after 2007, it may have aluminum valve stems. If so, you will need aluminum transmitters (for your towed vehicle.) PLEASE CHECK TO SEE IF YOU HAVE BRASS OR ALUMINUM VALVE STEMS. "Unlike" metals (brass on aluminum) can fuse and corrode.
The TireMinder® transmitters are available for either brass or aluminum valve stems. Contact your dealer or Minder Research, Inc. if you need more information.

Questions, comments and advice (w/photographs if possible) are always welcome.
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