

RIDE

TPM

PRE-INSTALL

This system cannot warn you of impending side wall failures or blowouts; however it can supply you with irregular pressure and temperature information that may help to prevent this. Purchasers of this product should not rely on this tire pressure monitoring system for safety and should check the condition and pressure of their vehicles tires on a regular basis as described by the manufacturer of the vehicle or tire manufacturer. Tire pressures and temperatures are not the only things that can affect tire safety; we suggest frequent visual inspections.

Tires and valve stems should be carefully inspected prior to installation of the system to ensure that they are in good condition. Defective valve stems must be replaced. At times, it may be necessary to clean the threads of the valve stem with a wire brush or tapping tool before installing the valve stem sensors.

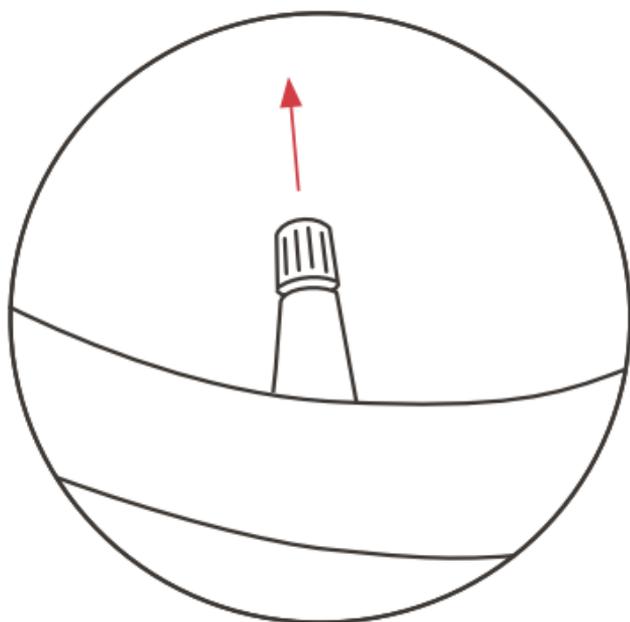
RIDE TPMS wireless tire pressure sensors should be installed only on tubeless

tires with metal valve stems. Some valve stem extensions may cause inaccurate readings if they do not allow the sensor to operate correctly. Standard short metal bodied stems are recommended for best performance. The RIDE TPMS tire pressure monitoring system is NOT designed to be installed on tires with tubes or unsecured rubber valve stems. The sensor has enough mass to cause the unsecured rubber valve stem to wobble and wear over a period time which could cause damage to the tire. Installing the sensor on unsecured rubber valve stem and/or tires with tubes can result in damage to the tire that can create a leak or blowout which could cause a sudden loss of control and result in an accident with serious injuries or loss of life.

INSTALL

Read the installation instructions completely before starting the installation. Many of the steps are time sensitive. RIDE TPMS instructions assume the RIDE Core is already installed, activated and in good working order.

Remove the existing valve stem caps front both front and rear valve stems. In preparation of the installation, unplug the main harness from the RIDE Core unit without triggering the back up battery.



There are two ways to do this:

Option A: In preparation, put the key in the ignition and be sure to have unencumbered access to the RIDE core device. Turn ignition to on. Within 5 seconds, unplug the main harness from the RIDE Core device. If device is unplugged within 5 seconds of turning on the ignition, it will power down without triggering the back up battery. Be sure to turn the ignition back to off before continuing with the TPMS installation.



Option B: Turn the ignition on, then off to wake the RIDE Core. Arm Transport Mode from the app. The device can now be unplugged without triggering the back up battery.



Plug in main harness with IGNITION OFF to access TPMS Programming mode. If no action is taken within 10 seconds, the system will exit programming mode.

Within 10 seconds, turn ignition key on, then off three (3) times – On/Off, On/Off, On/Off.



If done correctly and within the time allotted, the white light will flash twice every 5 seconds to indicate the system is in TPMS Programming mode

*TPMS Programming mode lasts 3 minutes.
After 3 minutes, the system will exit
programming mode.*

Install one TPMS sensor to the front tire valve stem. Be sure to hear the air rush into the sensor.

The red light will flash once to indicate the first sensor was learned.

Install the second TPMS sensor to the rear tire valve stem.

The red light will flash twice to indicate the second sensor was learned.

Turn the ignition on, then off to finish the programming and exit TPMS Programming mode.



Refer to your RIDE iOS or Android app to set pressure and temperature alerts. TPMS reporting is disabled when RIDE Core is in Transport Mode or when no sensors are programmed.

After the RIDE TPM sensors are installed, it is recommended that the sensor and valve stems be completely covered in a soapy solution of 1 part liquid soap to 2 parts water, to test for air leaks. If air bubbles are seen in any of these areas, the tire may deflate and the RIDE TPM system will not operate correctly. A tire professional should be consulted should any of these areas prove to be a problem

The RIDE TPM sensors incorporate an accelerometer that senses movement. During movement the sensor updates tire pressure/temp every 5 minutes; during idle the information is sent every 30 minutes. When the ignition is off and during sleep mode, RIDE will only wake for a fast leak alert. Any other TPM alerts or updates will be sent during the next scheduled wake, or when the ignition is turned on.

ALERTS

Fast Leak — Tire pressure has reduced quickly. This could be caused by a major puncture or by the sensors being removed.

Slow Leak — Tire Pressure has steadily reduced over time.

High Pressure — Tire pressure has exceeded the high end of the range designated in the app settings.

Low Pressure — Tire pressure has gone below the low end of the range designated in the app settings.

High Temperature — Tire internal temperature has exceeded the high end of the range designated in the app settings.

Low Temperature — Tire internal temperature has gone below the low end of the range designated in the app settings.

No Valid Data — Sensors are not transmitting. The sensors could be missing, the sensor's battery may be dead, or some other interference is causing the interruption.

Low Battery — The internal battery in the sensor is getting low and should be replaced.

SENSOR BATTERY REPLACEMENT

RIDE TPM sensors use a CR1632 battery and have an effective battery life of approximately one year. (depending on use) To replace the battery, secure the brass base of the sensor and turn the plastic cap counter clockwise. Be sure to protect the sensor so it is not damaged by tools. Slide the old battery out of the cradle and replace the new battery with the positive side up. Screw the plastic cap back to the base being sure it is attached securely to keep out water, dust and road debris.

POST INSTALL

Do not use tire sealants or balancing compounds that can enter the sensor body when using this system.

Tire pressure recommended operating pressures should be obtained from your

vehicle's operating manual and set when the ambient temperature is low or cold, or where the tire has cooled down and is at a low temperature out of the sun. Dramatic changes in tire pressure can occur because of increased or decreased ambient temperature, tire contact surface temperature, wheel and axle loads etc. These and other situations should be taken into consideration when setting tire operating pressures.

RIDE TPMS sensors are made with brass threads. Brass will bond to aluminum due to the galvanic action between different metals. When installing the sensors, carefully apply dielectric grease, an anti-seize compound, to the aluminum stem, be careful to apply only to the threaded area of the valve stem. Remove sensor(s) every 4 weeks to ensure that the aluminum stem and brass threads of the sensor don't bond. If storing the vehicle for extended periods, remove the sensors from the aluminum stems.

RIDE TMP sensors are extremely light in weight, but some tires may require a ½ ounce stick-on balancing weight opposite the sensor.

When an alert is given that one or more of your tires is underinflated, stop and check your tires as soon as possible and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency, tire tread life and may affect the vehicle's handling and stopping ability. Each tire should be checked monthly. Check pressures when tire is cold and fill to the recommended inflation pressure as specified on the vehicle or in the owner's manual.

Please note RIDE TPMS operates on an RF system to transmit information to the RIDE Core. As with many RF tire systems this system can suffer from interference causing the system to be inaccurate or not operate at all. RIDE TPMS has been designed to work optimally to overcome the interference that can block signals. We cannot guarantee that the display will receive the sensor signal accurately.

TROUBLESHOOTING

Lights not appearing when Ride is plugged in?
Check that the power and ground wires have a firm connection to the appropriate battery posts (see Mounting Components steps 3).
Also verify that your battery is fully charged.

Red light not appearing when the key is on?
Check that the white wire is firmly connected to a 12v switch source.

For example: When the key is turned on, the wire needs 12 volts, when the key is turned off it will get zero volts.

Still having issues? Visit our online support:

www.ridescorpio.com/help
help@ridescorpio.com

or call our Technical Support:

US: 1 800 428 0440
INT: +1 480 951 1109

