

HYPERION[®]

BY **Dellran**

Instruction Manual

BLUETOOTH TIRE PRESSURE MONITORING SYSTEM



P/N 041-1002-HY-WH



**Read this material before using this product.
Failure to do so can result in serious injury.
Save this manual.**

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IMPORTANT SAFETY INSTRUCTIONS & WARNINGS

- 1) **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions for the **BLUETOOTH TIRE PRESSURE MONITORING SYSTEM**, P/N 041-1002-HY-WH.
- 2) Read all warning labels and instructions. Operating instructions must be understood before using equipment.
- 3) These sensors can only be used on vehicles with maximum tire pressures below 50.8 PSI.
- 4) When an alert or warning is received, reduce vehicle's speed and proceed to a safe location to stop where the tire can be inspected and /or serviced.
- 5) Temporary resealing or re-inflation products containing internal sealants or propellants in any tire assembly may adversely affect the operation of the sensor/transmitter.
- 6) Caution: the system is wireless RF product; therefore, it may not receive a signal due to the poor environment or incorrect operating or incorrect installation.
- 7) Do not operate the App while driving. The company is exempt from all responsibilities that result from driver's carelessness and improper operation.
- 8) Before use, check the manufacturer's instruction manual for the vehicle.
- 9) The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors, which cannot be built into this product, but must be supplied by the operator
- 10) This product is not designed to be used by children.
- 11) Do not modify the equipment in anyway.
- 12) Do not use any accessories that are not recommended by the manufacture.
- 13) All cars and trucks built and sold in the United States after January 1, 1996 were required to be OBD II equipped. In general, this means all 1996 model year cars and light trucks are compliant, even if built in late 1995.
- 14) Hyperion® is not responsible for any loss caused by an accident or for providing any support regarding the outcome.

SPECIFICATIONS

External Sensor Related Parameters	
Operating Temperature	-13 - 185°F (-25 - 85°C)
Pressure Range	0 – 65 Psi
Pressure Sensitivity	±1.5 Psi
Temperature Sensitivity	±5.4°F (±3°C)
Transmission Power	< 8dBm
Transmission Frequency	433.92MHz
Battery Life	2 years
Single Sensor Weight	0.28oz (8 grams)
Sensor Battery	CR1632 Lithium (replaceable)

PRODUCT OVERVIEW

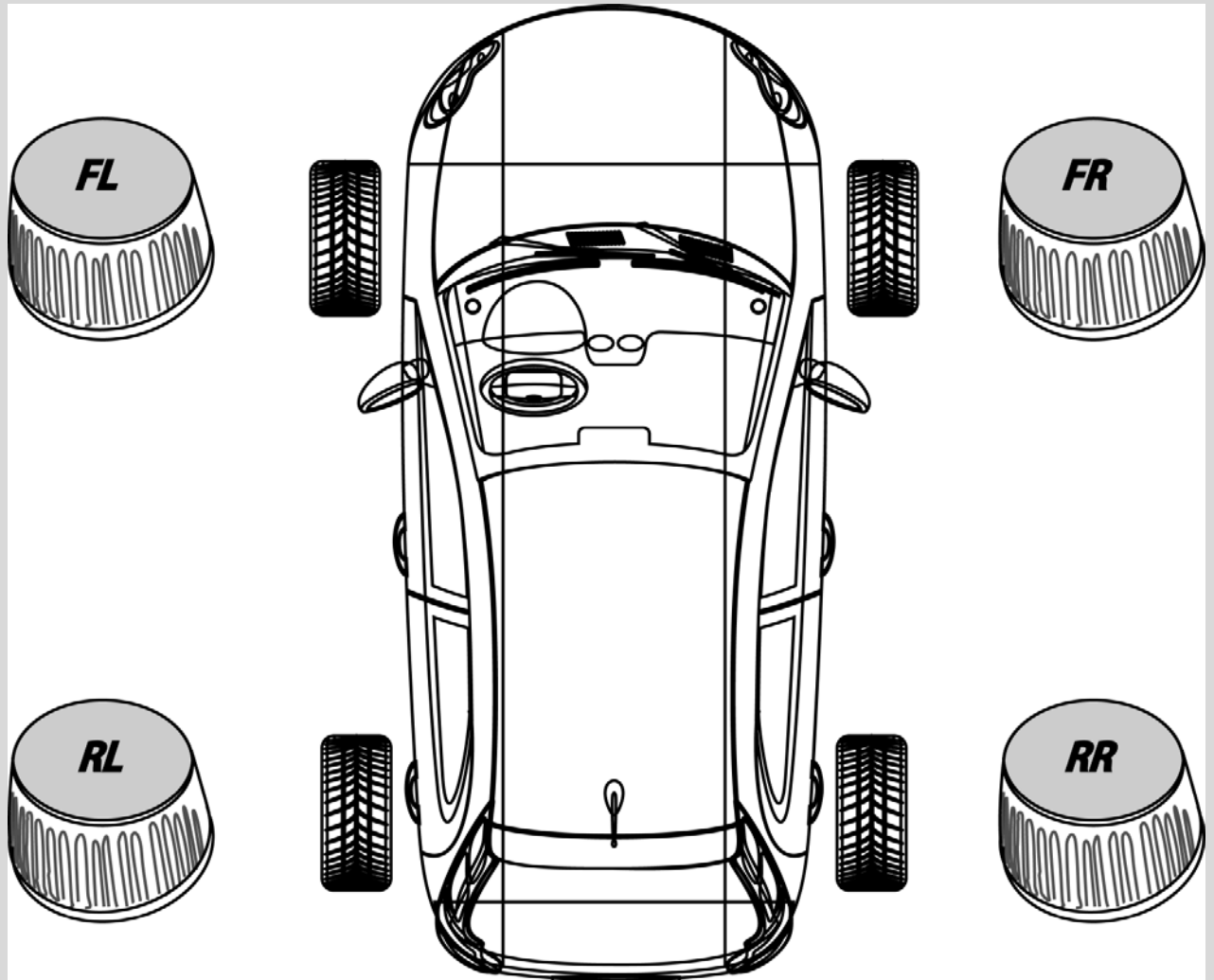
Below is a list of items that should be included in your retail box:

- 1) Receiver (Monitor) (1)
- 2) Tire Sensor (4)
- 3) Hexagonal Nut (5)
- 4) Plastic Hexagonal Sensor Wrench (1)
- 5) Metal Open Ended Wrench (1)
- 6) Replacement Tire Sensor O Rings (4)
- 7) Instruction Manual

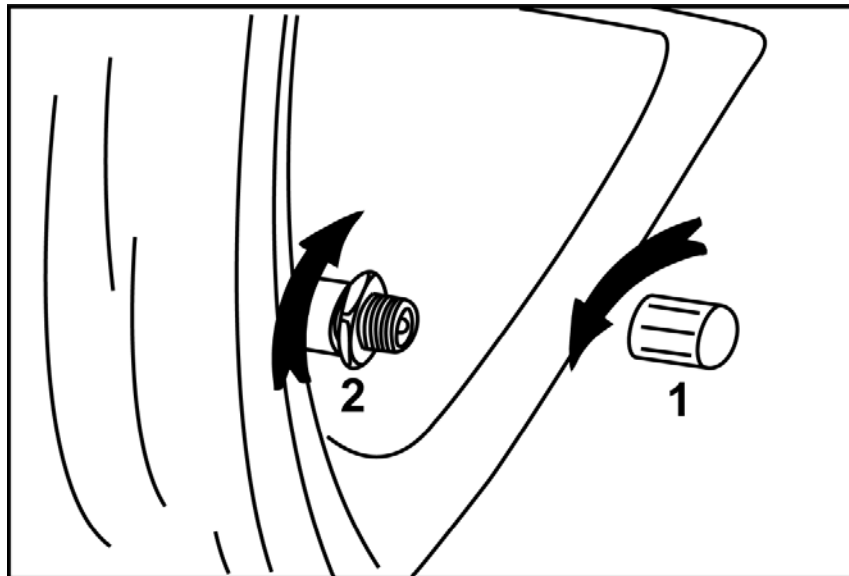
- o Thank you for choosing our Bluetooth tire pressure monitoring system (TPMS).
- o The sensors located on each wheel and are used to detect real-time pressure and temperature of each tire.
- o Then sensors will transmit the data to the receiver with RF.
- o The Corresponding phone APP can display the tire pressure and temperature in real time after connecting Bluetooth.
- o The product can reduce fuel consumption, reduce tire wear and improve Dynamic performance.
- o Please read this user manual carefully before using the product.
- o The alarm sounds for exceeding the limit of the tire pressure or the tire temperature.

Tire Sensor Installation

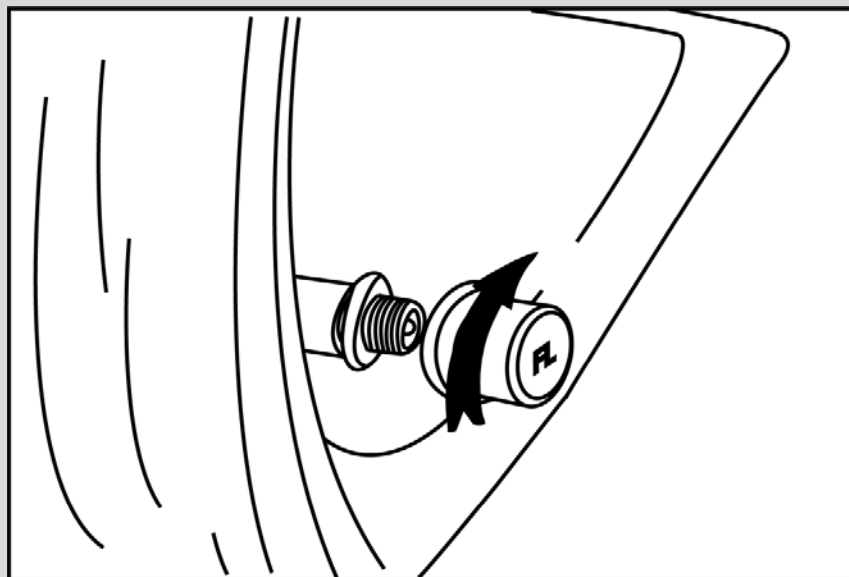
WARNING IMPORTANT NOTICE



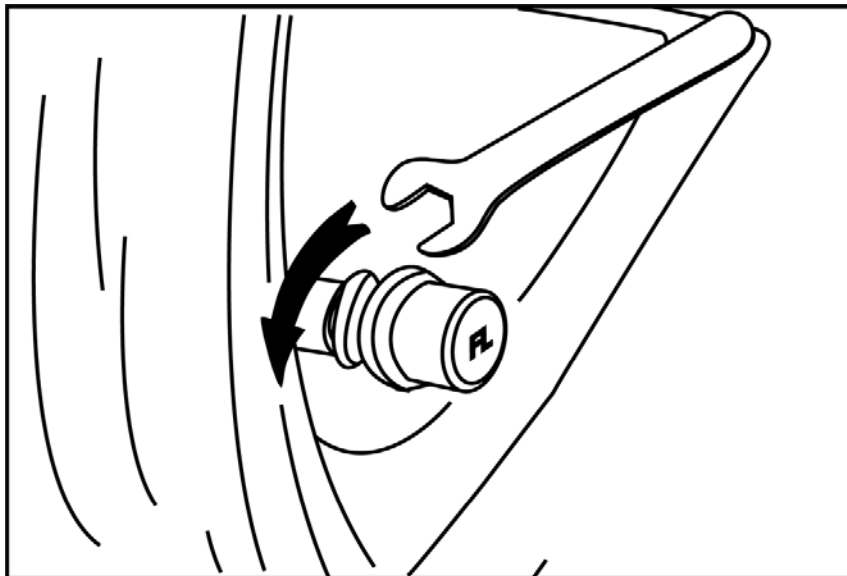
- 1) Each TPMS wheel sensor is marked (FL, FR, RL and RR) and **MUST** be installed on the corresponding wheel as shown in the diagram above.



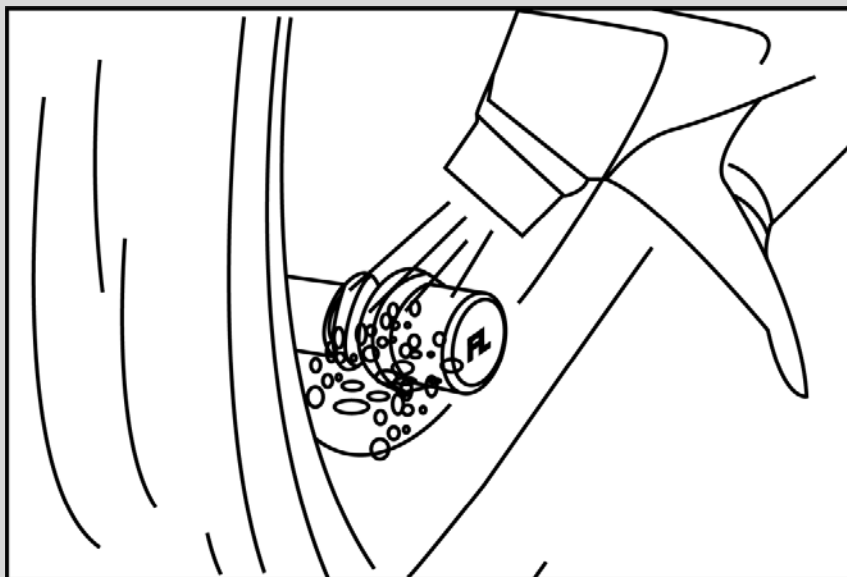
- 1) Unscrew and remove the existing valve dust cap and store.
- 2) Obtain one of the supplied hex nuts and in a clockwise direction install onto the valve stem until it bottoms out. Do not tighten.



- 1) Obtain the correct TPMS sensor (marked on the end of each sensor, example "FL") for the wheel you working on. Refer to the diagram at the start of this section.
- 2) In a clockwise direction install the sensor onto the valve stem and tighten using the supplied black plastic tool.

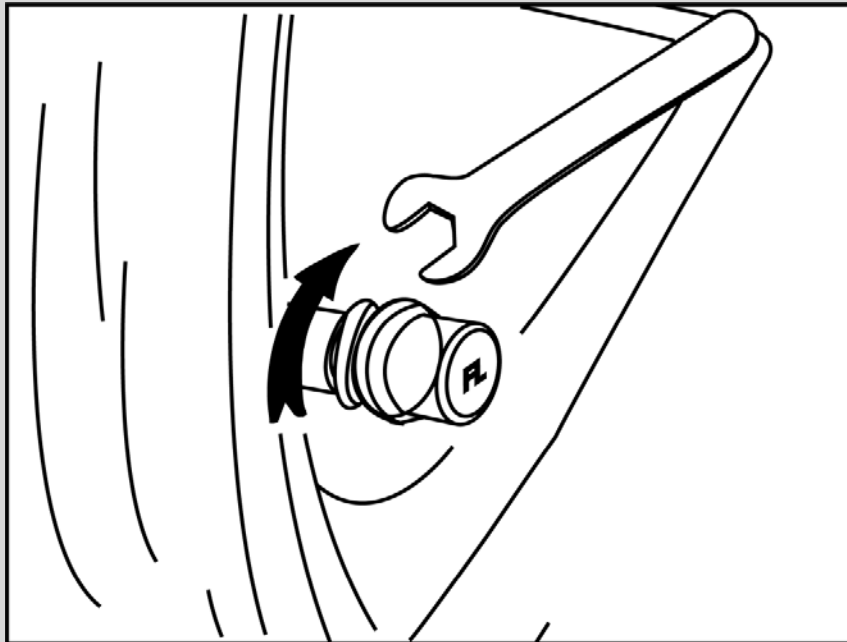


- 1) Obtain the supplied metal open ended wrench.
- 2) Place the wrench on the previously installed hex nut and turn it anti-clockwise until it is up against the bottom of the sensor.
- 3) Tighten the hex nut.
- 4) This is to prevent the sensor from becoming loose.

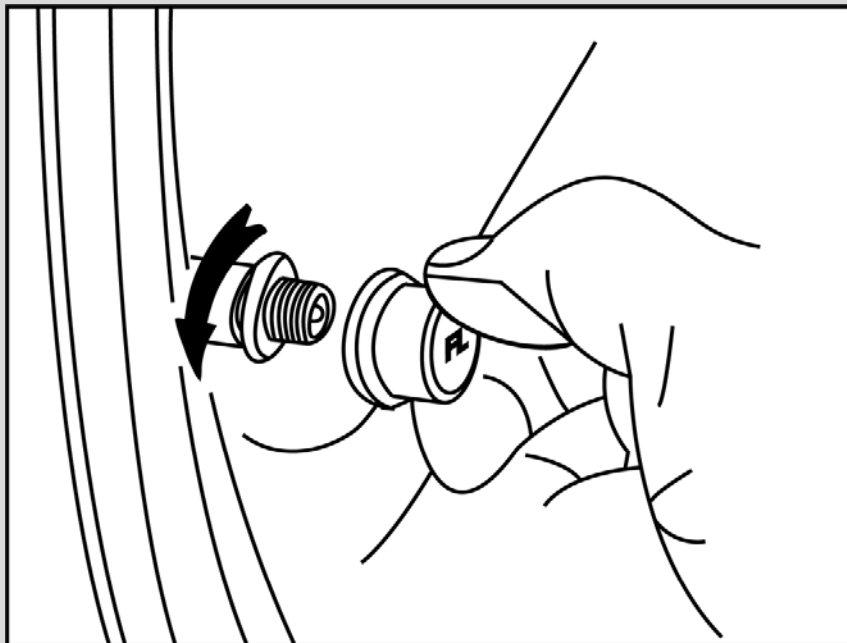


- 1) Check to see if any air is leaking by spraying the valve with soapy water.
- 2) If you see no bubbles then there are no air leaks.
- 3) If you see an air leak ensure the sensor is tight on the valve.

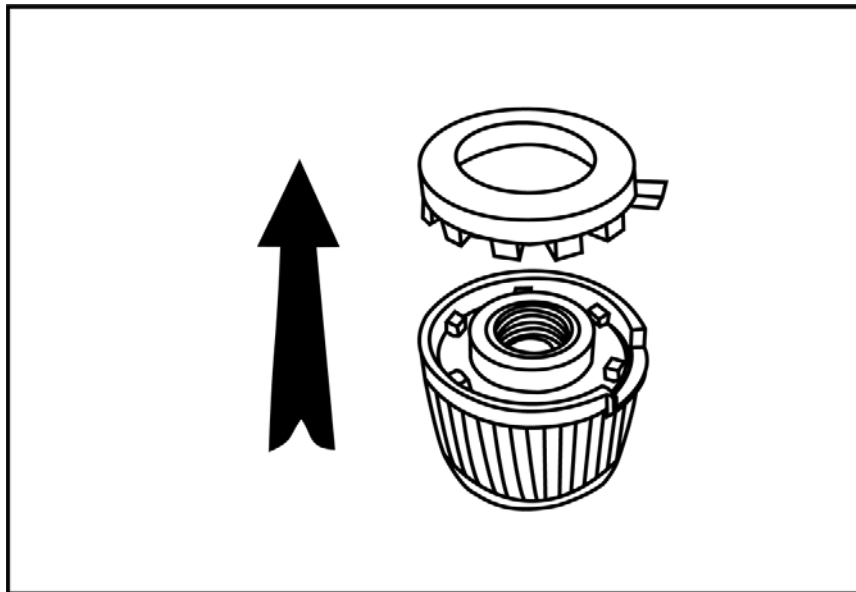
Tire Sensor Battery Replacement



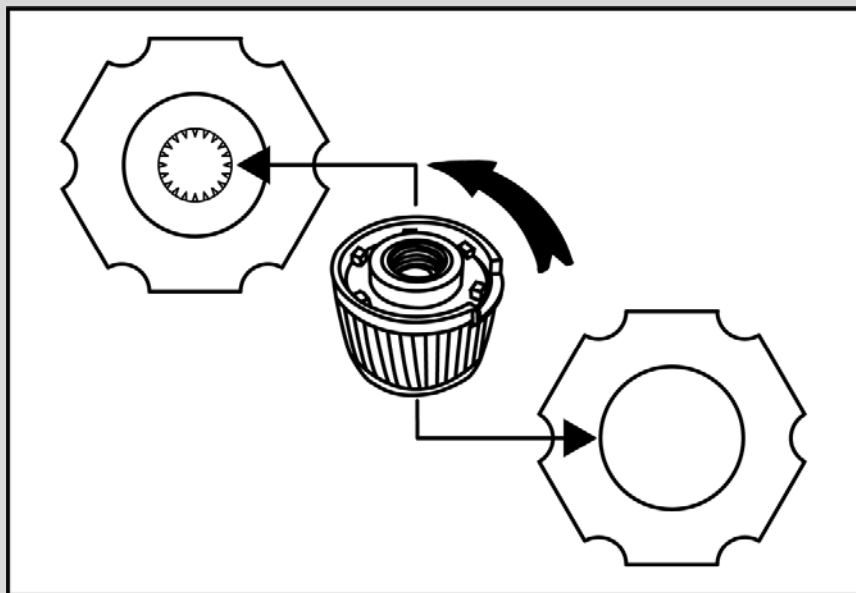
- 1) Obtain the supplied metal open ended wrench.
- 2) Place the wrench on the installed hex nut and turn in a clockwise direction until the hex nut is loose from the bottom of the sensor



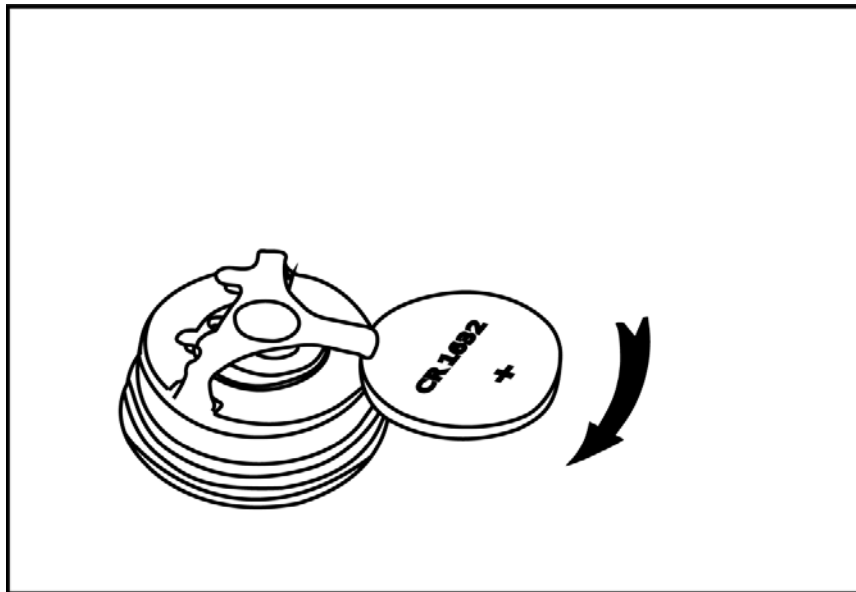
- 1) Unscrew the sensor in an anti-clockwise direction by hand or by using the supplied black plastic tool.



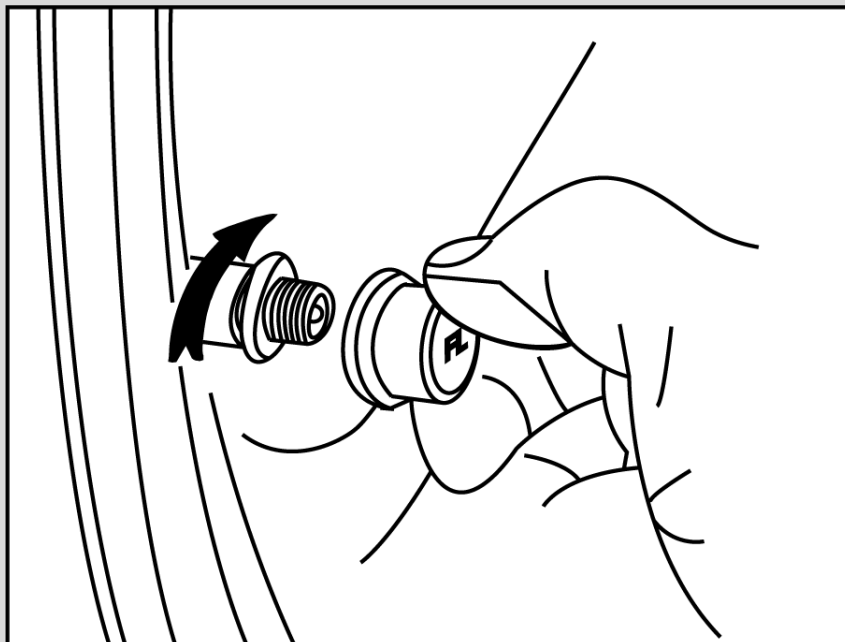
- 1) Remove the locking gasket by preying in an upwards direction.



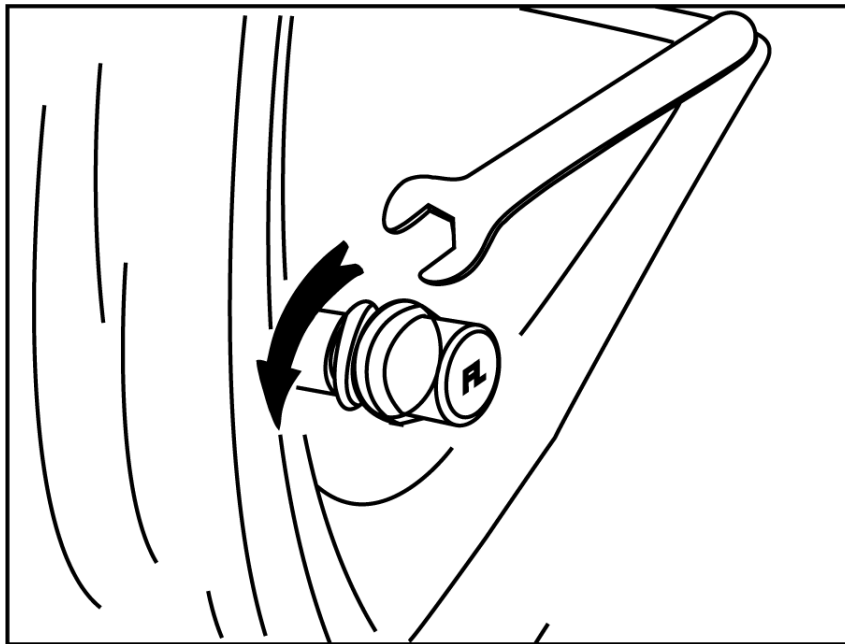
- 1) Place the sensor into each half of the supplied black plastic tool.
- 2) Unscrew the top in an anti-clockwise direction to remove the sensor top cover and expose the battery.



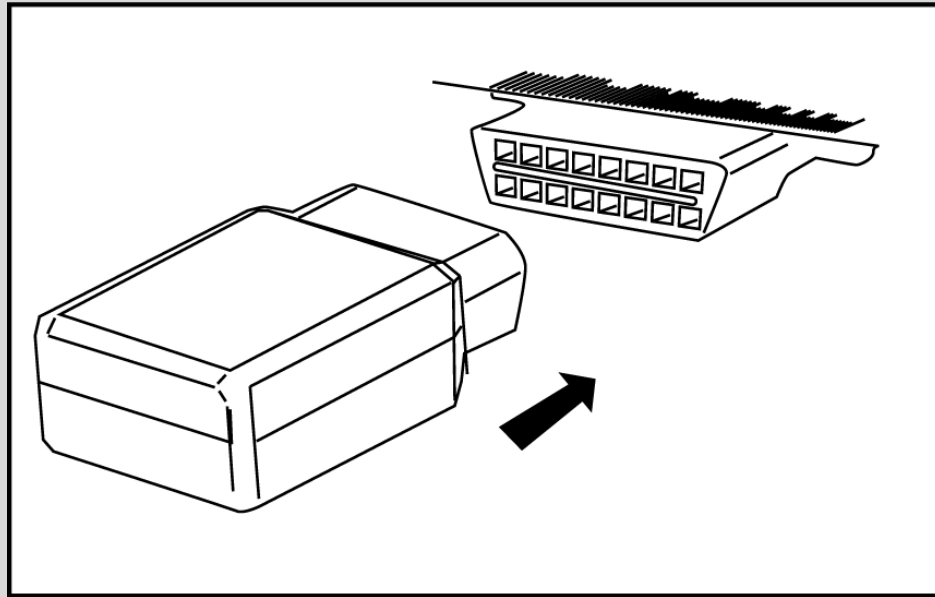
- 1) Simply slide the old battery out then replace with a new CR1632 Lithium battery.
- 2) Reassembly the sensor in reverse order as shown in the previous two diagrams.



- 1) Screw the sensor in a clockwise direction onto the valve stem.
- 2) Tighten with the provided tool.



- 1) Obtain the supplied metal open ended wrench.
- 2) Place the wrench on the installed hex nut and turn in an anti-clockwise direction until the hex nut is tight up against the bottom of the sensor.



- 1) Locate the OBD II port in your vehicle. Refer to the vehicles owner's manual to locate your OBD II port.



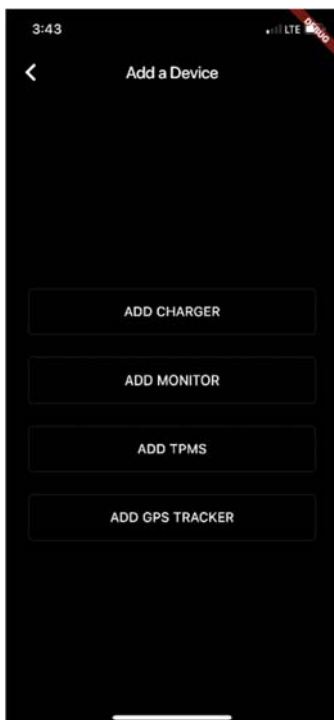
- 1) Once you have located the OBD II port plug the supplied OBD receiver into the port.

OBD II Receiver Warnings:

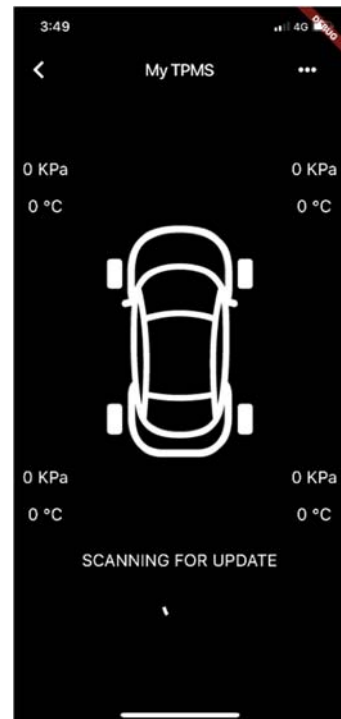
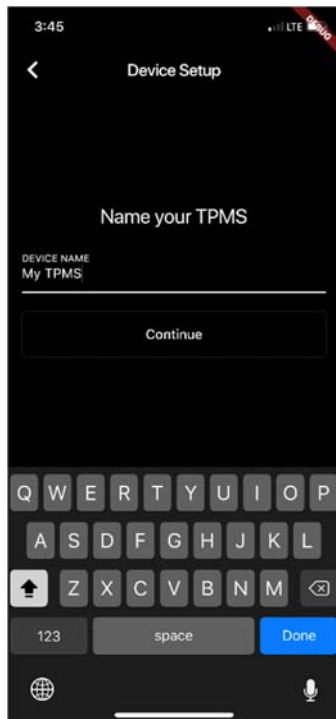
- 1) When tire pressure or temperature exceeds the default limit that has been set on the APP, there is a live voice prompt on the OBD II receiver. The APP interface will enter the alarm status from the normal display.

Deltran Connected App Setup

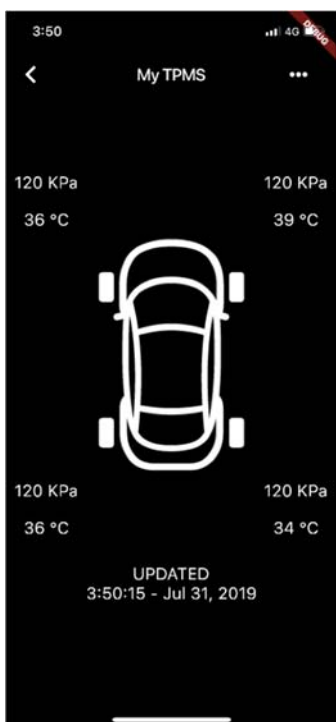
- 1) Look for the Deltran Connected app within the iOS App Store or the Google Play Store on Android. When opening the app, you will be prompted to either sign in or register. Please create an account if you haven't done so already. You can then start with the setup process.
- 2) Add a Device:



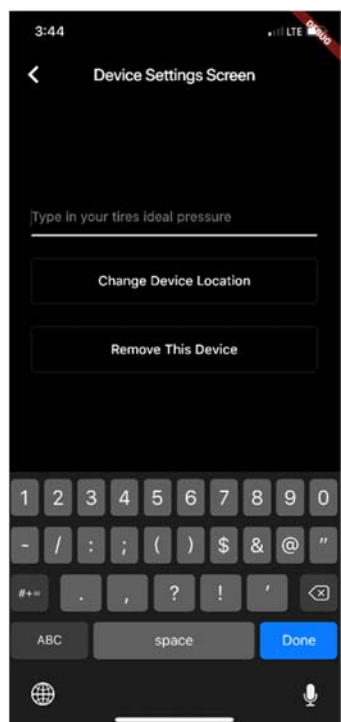
3) Device Setup: Name your TPMS



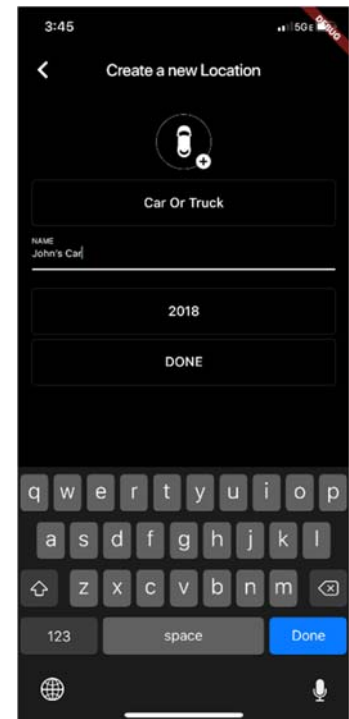
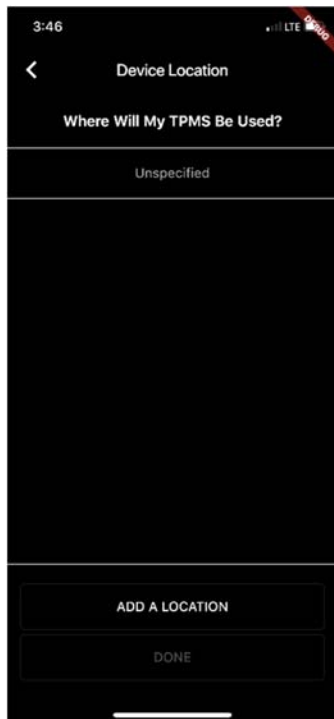
4) Tire Pressure Results:



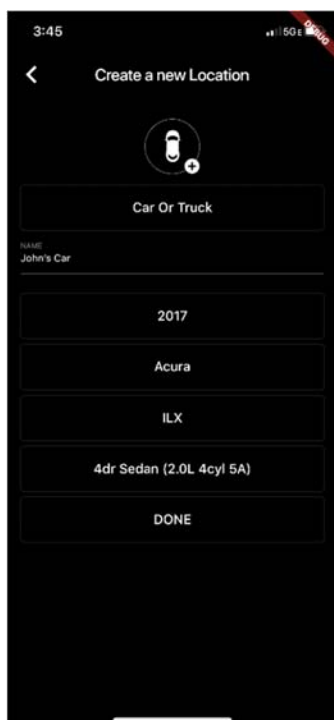
5) Device Screen Settings:



6) Add and Select a Device Location:



7) Complete Model Information Options



REGULATORY WARNINGS

Federal Communications Commission (FCC)

Title 47 Subpart, 15.105(b)

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the

following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Trade Name: Hyperion

Model No.: 041-001

Responsible Party – U.S. Contact Information

Deltran USA LLC

801 International Speedway BLVD

Deland, Florida, 32724, USA

(386) 736-7900

CUSTOMER SERVICE

For customer support please visit Deltran-Global.com/Hyperion. You can also call our customer service hotline 877-456-7901

WARRANTY

The Hyperion ® TPMS Tire Pressure Monitoring System comes with a twelve (12) month limited warranty against defects or failure (within one (1) year of purchase).

THIS LIMITED WARRANTY IS VOID under the following conditions:

- 1) The product is misused, subjected to careless handling, or operated under conditions of extreme temperature, shock, or vibration beyond our recommendations for safe and effective use.
- 2) The product is misused, subjected to careless handling, or operated under conditions of extreme temperature, shock, or vibration beyond our recommendations for safe and effective use.
- 3) The product is disassembled or repaired by anyone who is not an authorized service representative.
- 4) The product was purchased from an unauthorized source. Warranty is not transferable from the original purchaser.
- 5) Any physical damage to the Tire Pressure Monitoring System or any accessory after purchase.
- 6) Any modifications to the Tire Pressure Monitoring System.