

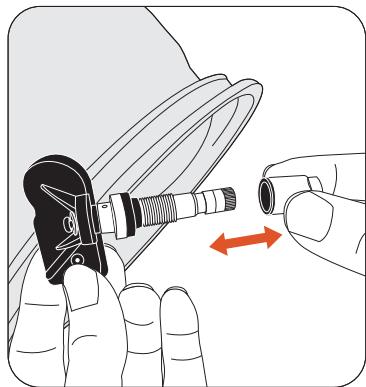
## Installation Instruction

Tire Pressure Monitoring System ( TPMS ) measures air pressure and temperature of the tires in near real time through the TPMS sensors installed in the tires. Each TPMS sensor is designed and manufactured to operate in a specific motor vehicle make, model, and year.

VibrantGreat TPMS sensor is a replacement or maintenance part for vehicles that have a factory installed device. Only install the TPMS sensor designated for your vehicle. It requires professional installation. Keep these installation instructions accessible.

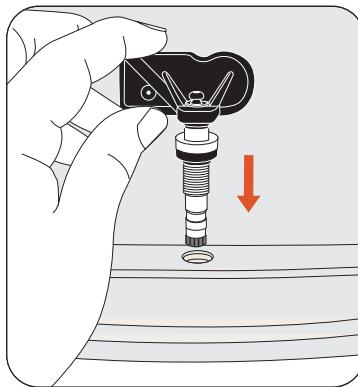
## Safety Instruction

Prior to the installation of VibrantGreat TPMS sensor, you must read and follow the instructions completely. For reasons of safety and optimal function, VibrantGreat recommends that all maintenance and repair work is carried out by trained experts. Failure to follow these instructions may result in the failure of the vehicle TPMS to operate properly.



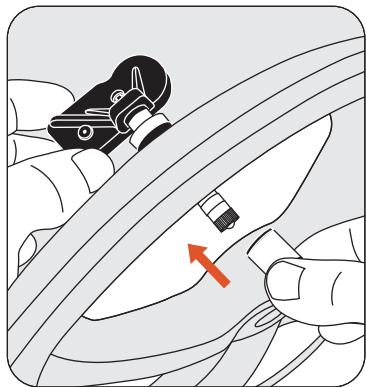
### STEP 1

Ensure that there are no particles around the valve hole of wheel.  
 Remove the nut from the valve.



### STEP 2

Insert the TPMS sensor in the valve hole of wheel as illustrated above.



### STEP 3

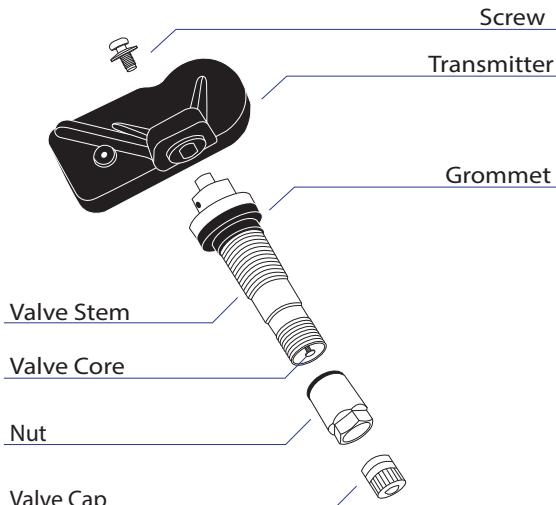
Position the sensor housing parallel to the inside wheel surface. The sensor housing must not have any contact with the rim or protrude beyond the rim flange.



### STEP 4

Drive the nut onto the stem and use the appropriate torque wrench to fully tighten the nut.

## Exploded view of sensor



## Transmitter specification

Power supply	Battery 3V
Operating humidity	Max 95%
Operation temperature	-30°C ~ 115°C
Transmitting frequency	315 MHz or 433 MHz
Pressure monitoring range	0~116 psi (0~800 kpa)
Pressure reading accuracy	±1psi
Temperature reading accuracy	±3°C
Transmitter weight	13.5g±1g

## Caution

- + Do not fit a damaged transmitter to the wheel rim.
- + Do not re-use valve core if it has been removed from the valve stem.
- + Do not re-use a nut or valve stem if it is damaged.
- + Do not re-use the grommet that had been tightened.
- + Replace with a new grommet every time the TPMS sensor is removed or the tire is replaced even if there is no damage such as break or crack.
- + Do not fit a transmitter to improper wheel rim.

## Warning

Improper installation of VibrantGreat TPMS sensor can cause malfunction to result in collision, severe injury, or death.

## Note

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate equipment.

## Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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 a 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning 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 of the device.

## Industry Canada (IC) Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## 根據NCC低功率電波輻射性電機管理辦法 規定:

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。  
前項合法通信，指依電信法規定作業之無線電通信。  
低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。