



# Sysgration RSI20 Tire Pressure Monitoring System Sensor User Guide

[Home](#) » [Sysgration](#) » Sysgration RSI20 Tire Pressure Monitoring System Sensor User Guide 

## Contents

- [1 RSI20 Tire Pressure Monitoring System Sensor](#)
- [2 Warning:](#)
- [3 FCC Notice:](#)
  - [3.1 IC Notice:](#)
- [4 Limited Warranty](#)
- [5 Installation Guide](#)
- [6 Read More About This Manual & Download PDF:](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

## RSI20 Tire Pressure Monitoring System Sensor



### Warning:

Read all instructions prior to installation of Tire Pressure Monitoring System ("TPMS") sensor. Manufacturer recommends installation and repair to be done by trained technicians according to vehicle manufacturer guidelines. TPMS is a safety part and should be installed by professionals. TPMS failure may result due to improper

installation. Manufacturer is not liable for improper installation or use of the product.

- Correct nut torque : 4.0 Newton-meters; 40 inch-pounds (Over torque may result in product damage and under torque may result in fire air loss. TPMS sensor and/or valve broken by over torque are not covered under warranty.)
- Valve stems and accessories by Manufacturer are required for proper functionality.
- Proper programming of TPMS sensor is required (Manufacturer Programming Tool recommended)
- Use Vehicle Manufacturer User Guide to verify proper installation.

### FCC Notice:

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.

### IC Notice:

Under Industry Canada regulations, this radio transmuter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmuter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the Equivalent Isotropically Radiated Power ("EIRP") is not more than that necessary for successful communication.

### Limited Warranty

Manufacturer Warranty applies only to Original Purchaser that TPMS product shall be free from defects in material and workmanship under proper use for 18 (whichever comes first). Warranty is VOID if:

- Improper usage and/or installation of TPMS product including incorrect programming.

- Defect due to and/or caused by other products.
- Modification or misuse of TPMS product (refer to Vehicle Manufacturer User Guide).
- Damage of TPMS product due to fire failure, vehicle impact, and/or improper maintenance (corrosion).
- Failure to use TPMS product rebuild kits any me fire is removed from wheel.

Manufacturer's sole and exclusive obligation under this warranty will be to replace or repair defective TPMS product at the manufacturer's discretion without charge.

TPMS product under warranty is required to be returned to Manufacturer, at original owner's expense, with a copy of the Warranty Form and the original sales receipt and/or evidence of purchase date. If TPMS product is unrepairable and/or no longer available, manufacturer's sole liability to original purchaser shall not exceed the actual purchase price of claimed TPMS product.

NO OTHER WARRANTIES ARE EXPRESSED OR IMPLIED EXCEPT AS SET FORTH HEREIN TO THE EXTENT PERMITTED BY LAW. ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED FROM THIS WARRANTY. PURCHASER'S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION ARISING OUT OF ANY TPMS PRODUCT DEFECT IS LIMITED TO REPAIR OR REPLACEMENT OF THE TPMS PRODUCT DURING THE WARRANTY PERIOD. UNDER NO CIRCUMSTANCES WILL MANUFACTURER BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OR LOSS OF ANY KIND WHATSOEVER, INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE OR LOSS OF LABOR, WHETHER CAUSED BY BREACH OF CONTRACT, NEGLIGENCE, OR OTHERWISE. UNDER NO CIRCUMSTANCES WILL MANUFACTURER'S LIABILITY EXCEED THE PURCHASE PRICE OF THE TPMS PRODUCT NOT INCLUDING ANY COST OF INSTALLATION. IF YOUR JURISDICTION DOES NOT ALLOW SUCH LIMITATIONS AS WRITTEN HEREIN, THE PERMISSIBLE LIMITATIONS SHALL APPLY.

## Installation Guide



**WARNING:** THE USE OF A NON-COMPATIBLE AND/OR IMPROPER TPMS MAY RESULT IN MOTOR VEHICLE TPMS SYSTEM FAILURE CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

TPMS sensor will need to be rebuilt every time any tire is removed from the wheel due to corrosion over time and/or sealing components becoming brittle to cause tire air loss or flat tire as the TPMS sensor contains wearable parts.

### 1. Loosening the tire

Remove the valve cap and core and deflate the tire. Use the bead loosen to unseat the tire bead.

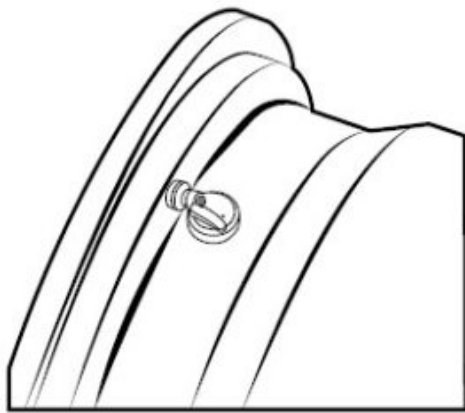


### 2. Dismount the tire from the wheel .



### 3. Dismount the original sensor.

With a screwdriver remove the fastening screw and sensor from the valve stem. Then loosen the nut and remove the valve.



### 4. Mount the Sensor and valve.

Slide the valve stem through the valve hole of the rim. Tighten the nut with 4.0 Nm by torque wrench. Assemble the sensor and the valve against the rim and tighten the screw.




### 5. Mounting the tire

Clamp the rim onto the tire chager so that the valve faces the assembly head at an angle of 180°.



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## **Documents / Resources**

	<p><a href="#">Sysgration RSI20 Tire Pressure Monitoring System Sensor</a> [pdf] User Guide RSI20, HQXRSI20, RSI20 Tire Pressure Monitoring System Sensor</p>
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