

## User's Manual

SPECIFICATION	
Product Name	Programmed <b>GMC</b> TPMS Sensor BCS105 (4pcs)
Product Model	BCS105
Pressure Monitoring Range	0 ~ 8Bar (0 ~ 116PSI)
Operating Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Battery Life	3 ~ 5years

Remark:

1. This sensor can detect real time tire pressure & temperature;
2. According to different vehicle models, the dashboard or infotainment may show pressure, pressure & temperature, or warning icon in time of data beyond the "safety range" has been detected. However, what is shown is set by the vehicle factory & cannot be changed. For example, if the infotainment shows tire pressure only with its original sensors, when you replace the sensors, the information shown on the infotainment is also tire pressure only.

Before Installation:

Make sure that -

1. Your car model & year are within the "Car Models Supported " listed at the bottom;
2. The sensor frequency is the same as what is indicated on the original sensors or vehicle user's manual;

Installation:

1. Only professionals are authorized to install the sensors, who can be found in Every tire stores, Every car service workshops, or Most of car parts stores;
2. Demount the tire & wheel from a vehicle;
3. Demount the tire from the wheel;
4. Replace the old sensor/valve with our new sensor -
  - 4.1 Sensors with metallic valve: disassemble the cap, gasket & nut->install the valve through the wheel valve hole->put on the gasket->fasten the nut->screw in the cap.
  - 4.2 Sensor with rubber valve: unscrew the cap->snap in the valve through the wheel valve hole->screw in the cap.
5. Mount the tire on the wheel;
6. Mount the tire & wheel on the vehicle.

After Installation:

Pairing the sensors with the infotainment is necessary to display tire information on the latter.

(For most of passenger vehicles made by **General Motors Group**)

Step 1: Turn the key to the "ON/Accessory" ;

Step 2: Hold the "Lock" & "Unlock" buttons on the key at the same time until 2 horns are heard;

Step 3: Deflate & inflate the Front Left tire (the nearest tire to the driver) till a horn is heard, which indicates this tire has been successfully paired;

Step 4: Work in the sequence of "Front Right - Rear Right - Rear Left" with the same pairing process as Step 3 to pair all the 4 sensors with the infotainment;

Step 5: Adjust pressure of all tires through inflation and/or deflation until being within the recommended range indicated in the car user's manual.

## Car Models Supported:

### Buick

Allure 2009-2014

Enclave 2009-2016

LaCrosse 2008-2016

Lucerne 2007-2011

### Cadillac

CTS 2008-2016

DTS 2007-2011

Escalade/ Escalade ESV 2007-2014

Escalade EXT 2007-2013

SRX 2007-2009

STS 2009-2011

### Chevy

Avalanche 2007-2013

Aveo 2004-2011

Captiva Sport 2012-2015

Cobalt 2008-2010

Express 2007-2015

HHR 2008-2009

Impala 2006-2013

Malibu 2008-2016

Monte Carlo 2006-2007

Silverado 1500 2500 3500 2007-2016

Silverado 1500HD 2500HD 3500HD 2007-2016

Suburban 1500 2500 2007-2016

Tahoe 2007-2017

Traverse 2009-2014

Cruze 2011-2016

Equinox 2010-2015

Sonic 2012-2017

Colorado 2008-2016

Camaro 2010-2015

### GMC

Acadia 2009-2012

Savana 1500 2500 3500 4500  
2009-2012

Sierra 1500 2500 3500 2007-2016

Sierra 1500HD 2500HD 3500HD  
2007-2016

Yukon/ XL 1500/ XL 2500 2007-2016

Terrain 2010-2015

Canyon 2015-2019

### Hummer

Hummer H2 2008-2009

### Pontiac

G3 2009-2010

G3 Wave 2009

G5 2008-2010

G6 2009-2010

G8 2008-2009

### Saturn

Aura 2008-2010

Outlook 2009-2010

## FCC Requirement:

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

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 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

One year of the guarantee period is provided with the conditions as following:

- a. In addition to the claims under the law and/or contract of sale which arise from material defects, the rights arising from this guarantee are granted by the seller to the customer.
- b. The product is guaranteed to be free of any defects.

Parts that are subject to wear and tear such as batteries, or battery cells are not included in this

Guarantee:

The guarantee is excluded if

- The product has been misused or treated carelessly,
  - The product has been damaged due to excessive stress, incorrect use or external influence,
  - The defect has been caused by failure to observe the operating instructions,
  - A repair or a repair attempt has been carried out by personnel other than that of an authorized point of service.
- c. The guarantee period shall commence at the time of delivery of the product from the seller to the purchaser.
  - d. The place of purchase and the date of delivery shall be proven by submitting proof of purchase, for example, the sales receipt, invoice, delivery note or similar document.
  - e. Any defects that occur during the guarantee period should be submitted to the authorized point of service within 2 weeks since they happened. The defect will be remedied by delivery a product identical in construction. Further claims of the customer arising from this guarantee, particularly claims for reimbursement of expenses, reduction, compensation of damages or the right of withdrawal, shall be excluded.
  - f. The guarantee period shall not be extended if services are performed under the terms of the guarantee.
  - g. The parts replaced when carrying out the repairs under warranty or the product retained in case of replacement delivery shall no longer be the property of the customers' or dealers'.
  - h. If our customer services are called upon without due cause, the costs incurred will be charged to the customer.
  - i. In case any defects occur, please contact your dealer or the service center in your country.

