

Date:

August 2016

Description:

ARB Tire Pressure Monitoring System

Part No. & Pricing :

Refer to Table

Availability Date:

September 2016



Product Specification

Flat tires and punctures can happen at anytime, on the pavement or off. To meet customer demand for a simple, easy to operate and install aftermarket Tire Pressure Monitoring System, ARB has partnered with a leading Global TPMS manufacturer to supply both an external and internal kit.

Many new vehicles come with a factory installed tire pressure monitoring system as a safety system allowing drivers to be alerted to a flat tire or puncture. Now, drivers of older vehicles or those without the OE systems have the opportunity to easily achieve that same peace of mind.

Available as either a DIY external sensor kit, or an internal valve replacement kit, both TPMS units feature a small 12V socket mounted display that is compact and easy to read. Showing tire pressure of all 4 tires in real time, the monitor can quickly detect punctures or excessive temperature, giving both a visual and audible warning to alert the driver of possible tire failure.

While the display utilizes the vehicle 12V socket, the display includes a 5V/1A USB port that allows for the charging of devices such as mobile phones and GPS units without having to remove the unit from the socket.

Display Features & Specifications:

- Monitoring pressure range: 10- 75 psi/ 0.7- 4.8 Bar
- User adjustable alert threshold (adjustable range: 18- 66 psi/1.2- 4.5 Bar)
- Selectable pressure and temperature measuring units (psi/Bar- °C/ °F)
- Fast/Slow leakage alarm (Audible & Visual)
- High temperature alarm (Audible & Visual)
- Low battery voltage alarm (Audible & Visual)
- Operating Frequency: 433.92+/- 0.5MHz
- Operating Voltage: 12v (+/- 3v)
- Operating Temperature: -40°C ~ +70°C (-4°F ~+158°F)
- USB charge port output : 5V/1A

Note: TPMS systems are not suitable for use with liquid polymer tire sealants.

DIY External Sensor Kit

The DIY kit comes with screw on valve cap sensors that are factory paired and labeled to the corresponding tire, allowing the system can be fitted in a matter of minutes. Simply replace your current valve caps with the small sensors and then secure in place with the provided lock nuts and tool.

Price: \$314.00



External Sensor Specifications

- Operating Frequency: 433.92+/- 0.5MHz
- Sensor Battery Voltage: 3V
- Operating Temperature: -20°C- +60°C (-4°F- +140°F)
- Pressure Range: 0- 75 psi/0- 4.8 Bar
- Working distance: Sensor to display: 5m / 16.5ft (Vehicle dependent)
- Easy screw-on-design with lock nut
- Small sensor design- only 23mm dia x 16mm high & 10g weight
- Sensor batteries included

Internal Sensor Kit

Designed as a replacement for the original valve stem, Internal sensors have the benefit of allowing easy air inflation and deflating without the need to remove the sensor. Additionally, the internal sensor provides a lower profile stem than the external kit.

A professional should fit internal sensors and the wheel should be balanced after installation.

Price: \$366.00



Internal Sensor Specifications:

- Operating Frequency: 433.92+/- 0.5MHz
- Sensor Battery Voltage: 2.0- 3.8V
- Operating Temperature: -40°C- +105°C (-40°F- +221°F)
- Pressurerange:0-116psi/0-8Bar
- High Temperature Value 80°C/176°F
- Working distance: Sensor to display: 5m / 16.5ft (Vehicle dependent)
- 6 Year- 100,000km / 62,000 mile battery life

Sensor Partner:

The TPMS Sensor Partner is an optional accessory designed to quickly pair internal sensors to the display when the position of a tire is changed ie. When rotating tires periodically.



Part Numbers & Pricing:

Part Number	Description	Price
819100	TPMS Internal Sensors	\$366.00
819101	TPMS External Sensors	\$314.00
819102	Sensor Partner TPMS	\$23.00

ABOUT ARB

ARB Corporation Limited is Australia's largest and industry leading manufacturer and distributor of quality, 4WD vehicle accessories, with distribution in more than 100 countries worldwide. The company manufactures and stocks the worlds most respected and sought after 4x4 accessories.

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