To meet customer demand for a simple, easy to operate and install Tyre Pressure Monitoring System, ARB has partnered with a leading Global TPMS manufacturer to supply both an external and internal kit.

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

The display utilises the vehicle Cig socket yet a unique feature of the display is that it includes a 5V/1A USB port which allows you to charge devices such as mobile phones and GPS units without having to remove the unit from the socket.

Product Specification

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DIY External Sensor Kit:

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

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 (Vehicle dependant)
- Easy screw-on-design with lock nut
- Small sensor design - only 23mm dia x 16mm high & 10g weight
- Sensor batteries included
- Battery Type: CR1632

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 tyre sealants.
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. Internal sensors should be fitted by a tyre fitting professional and the wheel should be balanced after installation.

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)
- Pressure range: 0 - 116 psi / 0 - 8 Bar
- High Temperature Value 80°C/176°F
- Working distance: Sensor to display: 5m (Vehicle dependant)
- 6 Year - 100,000km 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 tyre is changed ie. When rotating tyres periodically.
Part Numbers & Pricing:

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<th>Barcode</th>
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<td>TPMS INTERNAL SENSORS</td>
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<td>TPMS EXTERNAL SENSORS</td>
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<tr>
<td>819102</td>
<td>9332018040268</td>
<td>SENSOR PARTNER TPMS</td>
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Note: Spare parts will be available at a future date. Contact your ARB sales representative for details.