

TRU**SENSOR**™



**TIRE SERVICE
YOU CAN
TRUST**



Universal TPMS Programming Tool & Sensors

TS58R / TSS1B / TSS1M

1-805-933-9970 • bendpak.com/trusensor

Ranger®

TS58R TPMS DIAGNOSTIC AND PROGRAMMING TOOL

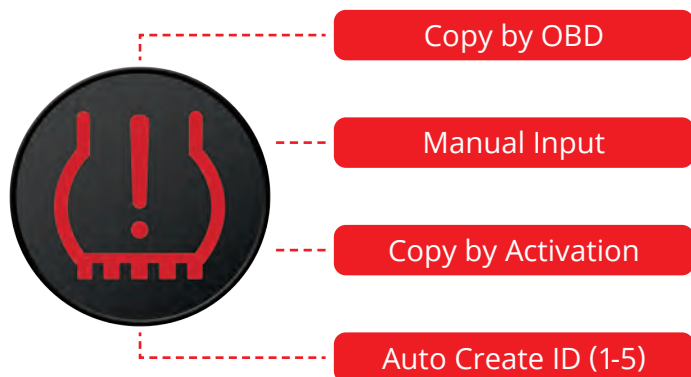


ALL-IN-ONE TPMS SOLUTION

The Ranger TruSensor™ TS58R TPMS diagnostic and programming tool works on all import and domestic vehicles using wireless or OBD connectivity. With the portable TS58R, technicians can see in one glance all critical information including Sensor Battery Life, Tire Pressure, Broadcast Frequency, Sensor ID, and Tire Location. The universal interface can relearn all known 315 MHz and 433 MHz sensors including aftermarket and OE types. Program updates are available through a USB-equipped PC with internet access or by micro-SD card option. Control all operations fast using the colorful 4.3-inch touch screen, or soft-touch control buttons.

The TS58R has four modes for programming new sensors - Copy by Activation, Manual Input, Auto-Create ID (up to 5 sensors at a time) and Copy by OBD. Other essential TPMS service capabilities include Manual Input ID, Duplicate ID, Automatic Create ID, Sensor Position Change, and Modify ID functions. Three relearn functions include OBD Relearn, Auto Relearn, and Stationary Relearn, providing a variety of solutions for quick and efficient TPMS service. OBD mode allows users to directly access vehicle ECU through OBD II connection providing an instant check of all TPMS conditions. Quickly find faulty TPMS sensors, turn off annoying TPMS lights, reprogram sensor ID's, retrieve and clear TPMS diagnostic trouble codes.

The TS58R package kit is a value packed all-in-one TPMS solution, combining the TS58R diagnostic and programming tool, packaged with eight TruSensors™ for total TPMS service repair. A durable carrying case with protective foam inserts houses the complete kit, which includes: 4 metal stem sensors, 4 snap-in rubber stem sensors, a USB interface cable, an OBD II cable for direct access to vehicle ECU, and a power cord.



TS58R TPMS Tool Kit (SKU 5150035)



TS58R TPMS DIAGNOSTIC AND PROGRAMMING TOOL BUNDLES

CONTROLS & INPUTS



SPECIFICATIONS:

Display	3 in. TFT color display (320 x 240 DPI)
Battery	3.7V 3000mAh lithium battery
Input	5VDC at 2A (10W)
Operating Temperature	32 to 122° F (0 to 50° C)
Storage Temperature	-4 to 158° F (-20 to 70° C)
Dimensions	8.25 in. x 3.75 in. x 1.5 in.
Weight	1.5 lbs (680 g)



TRUSENSOR™ UNIVERSAL OE REPLACEMENT TPMS SENSORS

FEATURES

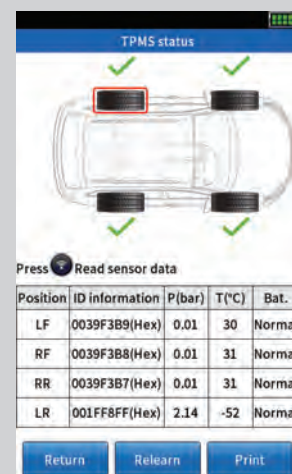
- Activate and relearn all known 315 MHz and 433 MHz sensors (OE or Aftermarket)
- Displays all sensor data in seconds, including sensor ID, tire pressure, tire temperature, and battery status
- Manual input ID, duplicate ID, automatic create ID, sensor position change, and modify ID, functions
- Activates, diagnoses and reads 100% of all OE and aftermarket TPMS sensors
- Extensive 98% vehicle coverage including Domestic, Asian, and European
- Includes built-in OBD port and quick connector for easy OBD communication
- User-friendly navigation features colorful 4.3-inch touch screen display and soft-touch buttons
- OBD connectivity for accessing vehicle ECU
- Use to program vehicle ECU to learn sensor IDs and positions
- Step-by-step on-screen procedure guide
- Reads and clears TPMS codes and resets warning indicator light
- Reads data including Sensor ID, Tire Pressure, Temperature, Battery Condition, OE Part Number, and Relearn information
- Vehicle model selection process is fast and efficient
- Includes database covering over 10,000 vehicles, domestic, and import
- Provides visual and audible responses during interface operations
- Built-in rechargeable Li-polymer battery
- Automatic power-off setting preserves battery life
- Program up to 5 sensors simultaneously
- Whole vehicle mode allows easy programming of 4-5 sensors at one time
- Use to diagnose key fobs and remote keyless entry signal strength
- Multi-language interface
- Easily updatable via PC with internet access or by micro-SD card option
- Extra storage card (8G/16G/32G) supported
- Five-year FREE software updates through internet USB-C port



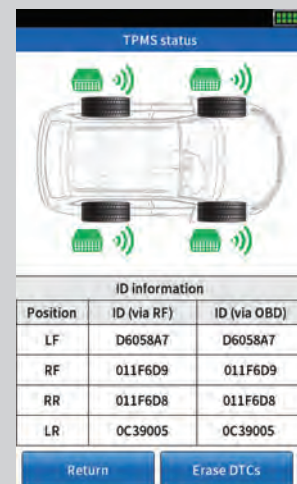
DETECT



ACTIVATE



CONFIRM



TRUSENSOR™ UNIVERSAL OE REPLACEMENT TPMS SENSORS

TS58R KIT + 24 RUBBER SENSORS

SKU: 5150100

INCLUDES:

- TS58R TPMS Tool Kit (*Inc. 8 Sensors*)
- 4 Silver **Metal** Stem Clamp-in Sensors
- 4 Black **Rubber** Stem Snap-in Sensors
- **TSS24B 24-Pc. Rubber** Stem Sensor Pack
- OBD II Cable
- Universal Charger
- Carrying Case
- User Guide

**Kit Comes Standard
With 8 Sensors**



x 24



TS58R KIT + 24 METAL SENSORS

SKU: 5150101

INCLUDES:

- TS58R TPMS Tool Kit (*Inc. 8 Sensors*)
- 4 Silver **Metal** Stem Clamp-in Sensors
- 4 Black **Rubber** Stem Snap-in Sensors
- **TSS24M 24-Pc. Metal** Stem Sensor Pack
- OBD II Cable
- Universal Charger
- Carrying Case
- User Guide

**Kit Comes Standard
With 8 Sensors**



x 24



TS58R KIT + 48 PACK COMBO

SKU: 5150102

INCLUDES:

- TS58R TPMS Tool Kit (*Inc. 8 Sensors*)
- 4 Silver **Metal** Stem Clamp-in Sensors
- 4 Black **Rubber** Stem Snap-in Sensors
- **TSS24B 24-Pc. Rubber** Stem Sensor Pack
- **TSS24M 24-Pc. Metal** Stem Sensor Pack
- OBD II Cable
- Universal Charger
- Carrying Case
- User Guide



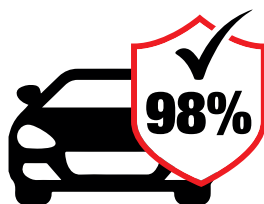
x 24



x 24



4
**PROGRAMMING
METHODS**



FREE
**SOFTWARE
UPDATES**



TRUSENSOR™

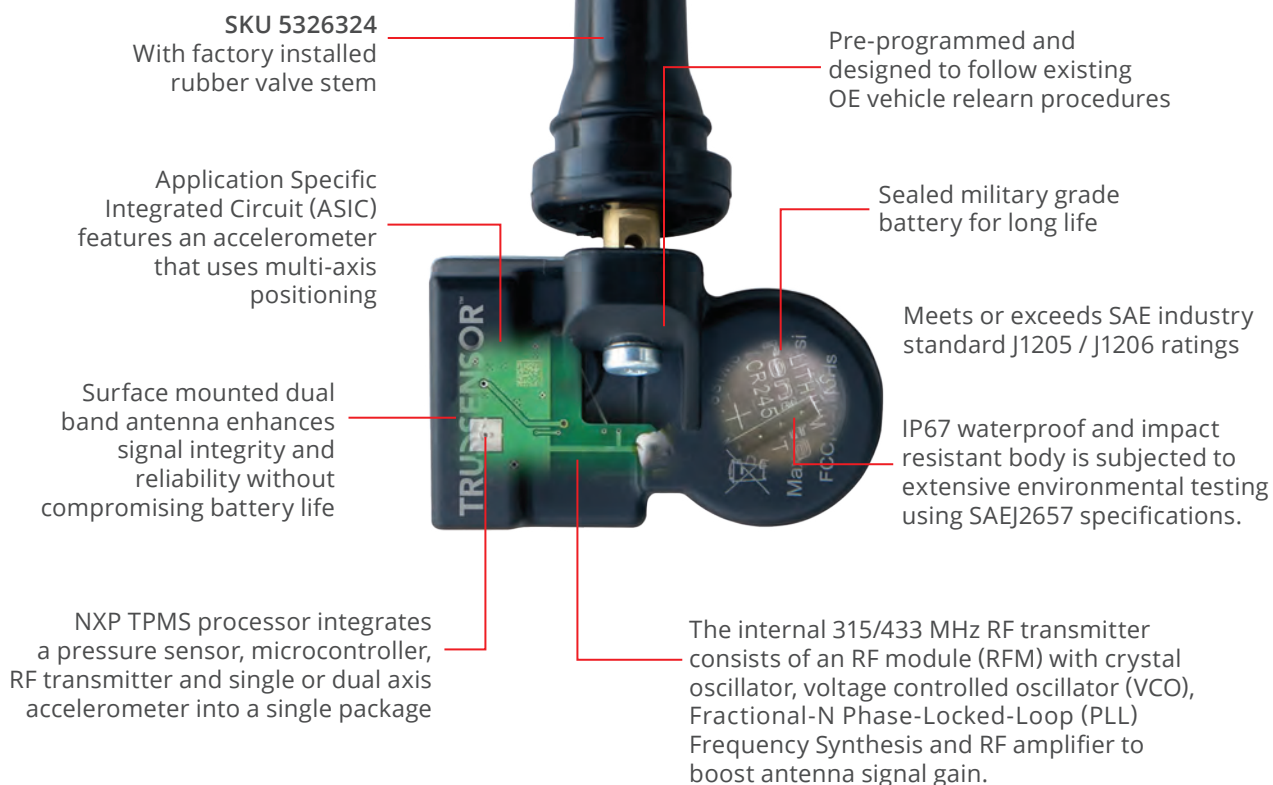
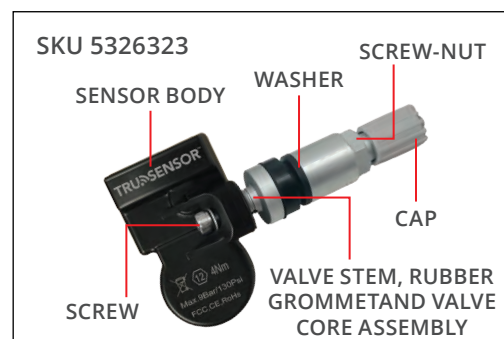
TRUSENSOR™ UNIVERSAL OE REPLACEMENT TPMS SENSORS

DUAL FREQUENCY PROGRAMMING & COMMUNICATION

Ranger TruSensor™ universal OE replacement TPMS Sensors use patented sensor technology for super-fast connectivity and programming and over 95% coverage of both domestic and import vehicles. TruSensor technology saves valuable time during the vehicle relearn process by using intelligent wireless transmission to trigger fast and deliver positive results sooner.

Featuring a universal design that works on both 315 MHz and 433 MHz frequencies, TruSensor replaces hundreds of OE sensors including snap-in, clamp-in and banded types. With TruSensor, parts stores and service facilities can dramatically reduce the number of sensor SKUs required to provide full TPMS coverage. These universal sensors are cloneable with no relearn required and quickly update during installation with the TruSensor TS58R wireless programming tool.

TruSensor interchangeable valve stems are available in either silver aluminum, or black snap-in rubber. The aluminum model features a pivoting valve stem that adjusts from 0-40 degrees, accommodating a wide variety of wheel profiles, and the black rubber snap-in stem offers a durable and dependable, corrosion-resistant solution. All Ranger TruSensor valves are tested to meet or exceed SAE industry standard J1205 / J1206 ratings.



TRUSENSOR™ UNIVERSAL OE REPLACEMENT TPMS SENSORS

FEATURES

- Extensive 98% vehicle application coverage reduces replacement sensor inventory
- Universal 315 MHz & 433 MHz dual frequency programming and communication
- Sensor programming can be completed before or after installation and while under pressure
- Multi-application TPMS sensor installs right out of the box
- Works exactly like original equipment sensors
- ID cloneable with no relearn required
- Unlimited programming
- Surface-mounted dual-band antenna ensures signal integrity and reliability without compromising battery life
- Fast and simple assembly onto any aluminum or steel wheel
- Available in rubber (TSS1B) or metal (TSS1M) valve stem configurations
- Interchangeable design accommodates both silver aluminum and black rubber stems
- Aluminum clamp-in design features an adjustable angle stem to accommodate a wide range of wheel profiles
- Black rubber snap-in stem provides fast installation and corrosion-resistant performance
- Sealed military grade battery for long life
- High-precision valve core prevents air leakage
- Extreme weather resistance and speed rated up to 200 MPH
- Compatible with all major TPMS scan tools
- Application Specific Integrated Circuit (ASIC) features an accelerometer that uses multi-axis positioning which allows the TPMS system to accurately display POD (Pressure on Demand)
- Meets or exceeds SAE industry standard J1205 / J1206 ratings

Black / Rubber TPMS Sensor Packages

• TSS12B 12-Pc.

Rubber Sensor Pack
SKU: 5326310

• TSS24B 24-Pc.

Rubber Sensor Pack
SKU: 5326311



Silver / Metal TPMS Sensor Packages

• TSS12M 12-Pc.

Metal Sensor Pack
SKU: 5326316

• TSS24M 24-Pc.

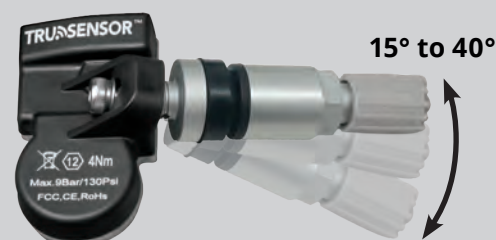
Metal Sensor Pack
SKU: 5326317



SPECIFICATIONS:

Battery	Lithium-ion
Operating Temperature	-40 to 257° F (-40 to 125° C)
Storage Temperature	-40 to 257° F (-40 to 125° C)
Waterproof Rating	IP67
Max. Pressure	130 psi / 900kPa
Dimensions	≈2.16 x 1.16 x .858 in.
Weight (Without Valve)	.65 oz. (18.5 g)

**Adjustable Angle Valve Stem
Fits a Wide Variety of Wheels**



TIRE SERVICE YOU CAN **TRUST**



TRUSENSOR™

12-MONTH LIMITED WARRANTY

Ranger™ TruSensor™ TPMS tools and sensors come with a ONE YEAR limited warranty, and free software updates for ONE YEAR from date of tool registration. BendPak will repair, without charge, any defects due to faulty materials or workmanship for ONE YEAR from the date of purchase. This warranty is extended only to the original end-user purchaser of the product. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit <https://www.bendpak.com/support/warranty/> or contact our Customer Service Department by calling 1-805-933-9970.

FIVE YEAR FREE SOFTWARE UPDATES

The TS58R TPMS diagnostic and programming tool is eligible for free software updates for FIVE YEARS from date of tool registration. Refer to TruSensor update instructions for details on how to register your tool or contact our Customer Service Department by calling 1-805-933-9970.

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