

DRAFT



AN SPX BRAND

TPMS Companion Tool



Bartec USA – OTC TPR User Guide Outline

9-30-09

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IMPORTANT NOTICES

SAFETY DEFINITIONS

All **Danger**, **Warning**, **Important**, and **Note** messages must be followed for your safety. These safety messages are in the following formats:



DANGER: Means you may risk possible loss of life.



WARNING: Means you may risk possible bodily harm.

CAUTION: Means you risk damage to the vehicle or the tool.

NOTE: *Provide clarity and helpful tips.*

These safety messages cover situations SPX is aware of. SPX cannot know, evaluate and advise you as to all the possible hazards. You must be certain that any conditions or service procedures encountered do not jeopardize your personal safety.

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Safety Precautions



DANGER: When an engine is operating, keep the service area **WELL VENTILATED** or attach a building exhaust removal system to the engine exhaust system. Engines produce carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious personal injury or loss of life.

COMPLIANCE

Warning - Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their expense.

FCC Compliance Model: TPR1

FCC ID: RP3-TPR1 IC: 4811A-TPR1

This device complies with part 15 of the FCC rules and with RSS-210 of Industry Canada. 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.

Battery Installation

Pic of Tool, flipped over with battery flap shown. Will need to point out screw.

To add or change the batteries in the TPR, flip the tool over. You will see the screw at the bottom of the tool that secures the battery flap. Using a Phillips head screwdriver, remove the screw and battery flap. The batteries used are 1.5V AA Lithium. Please take note of the polarity of each battery. Once the new batteries are installed, place the battery flap back on the tool and use the screwdriver to tighten the flap screw back on the tool.

Pic of tool with battery flap off. NOTE: polarity and battery specs again

How the TPM Tester Works

The Tire Pressure Monitor (TPM) tester is portable, hand-held diagnostic tool used to diagnose problems and program the vehicle electronic control unit (ECU) for tire pressure monitor systems.

The TPM tester activates tire sensors so you can read sensor ID numbers, locations, pressures. It also activates tire sensors to send signals to the ECU for programming tire sensor information into the ECU for the TPM system.

This Quick Start Guide provides an overview of the TPM tester and menu options.

Kit Components

The tester kit includes the tester, 2 AA batteries, and the Interface Dongle

Tester Components and Features

TPM Tester is battery operated and generates low frequency signals to activate and receive signals from tire sensors.

Picture of tool, batteries, and dongle. Arrows with numbers pointing to key features which will be outlined below.

Item 1 Display Screen

Item 2 Up/Down Navigation Keys

Item 3 Select and Back Key

Item 4 MiniUSB Port

Item 5 Battery compartment and Cover

Item 6 Dongle

General Function Notes and Using the Tool

- To power on the tool, press any button
- Up and down keys will navigate you thru the current menu
- Center button pushed 1x will take you forward – perform the function selected
- Center button pushed 2x will take you one screen back or halt the selected function
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Reset Procedures

Use the Reset Procedure function

Diagnostics

Use the Diagnostics function to check sensors locations, Ids, and tire pressures. Depending on the manufacture's repair instructions, you can diagnose the vehicle TPM system by comparing the TPM tester results with a live readings for a scan tool connected to the vehicles ECU's TPM control module.

In addition, use the Diagnostics function to check that each tire sensor is sending a signal. If the tester does not receive a signal from a sensor, suspect a malfunctioning sensor.

SPX Corporation Limited Warranty

THIS WARRANTY IS EXPRESSLY LIMITED TO ORIGINAL RETAIL BUYERS OF SPX ELECTRONIC DIAGNOSTICS TOOLS (“UNITS”)

SPX Units are warranted against defects in materials and workmanship for one year from date of delivery. This warranty does not cover any Unit that has been abused, altered, used for any other purpose other than that for which it was intended, or used in a manner inconsistent with instructions regarding use. The sole and exclusive remedy for any Unit found to be defective is repair or replacement, at the option of SPX. In no event shall SPX be liable for any direct, indirect, special, incidental or consequential damages (including lost profit) whether based on warranty, contract, tort or any other legal theory. The existing of a defect shall be determined by SPX in accordance with procedures established by SPX. This warranty does not cover the AA batteries included with the kit. No one is authorized to make any statement or representation altering the terms of this warranty.

DISCLAIMER

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SOFTWARE

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ORDER INFORMATION

Order replacement and optional parts directly from your SPX authorized tool supplier. Include the quantity, part number, and item description.

Technical Service

If you have any questions about the operation of the product, call (800) xxx-xxxx

Repair Service

When sending your SPX electronic product in for repair, include the following: contact name, telephone number, description of the problem, proof-of-purchase for warranty repairs, preferred method of payment for non-warranty repairs.

For non-warranty repairs, you can make payment with Visa, MasterCard, or with approved credit terms. To receive a credit application, fax your request to the Credit Department at 800-xxx-xxxx

Send the unit to:

XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX
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