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## SMART SENSOR 17-144

# SMART SENSOR 17-144 XS Pro+ TPMS Programmer User Manual

## MODEL: 17-144

This manual provides comprehensive instructions for the operation and maintenance of your SMART SENSOR 17-144 XS Pro+ TPMS Programming Tool.

## Introduction

The SMART SENSOR 17-144 XS Pro+ is a professional tool designed for programming and activating Tire Pressure Monitoring System (TPMS) sensors. It supports scanning original equipment (OE) and aftermarket sensors, performing relearns, and programming or copying sensor IDs efficiently.



*Image: The SMART SENSOR 17-144 XS Pro+ TPMS Programming Tool, shown with its protective carrying case. The device features a display screen and control buttons, designed for automotive diagnostic tasks.*

## 1. Setup

### 1.1 Unpacking

- Carefully remove the SMART SENSOR 17-144 XS Pro+ tool and its accessories from the packaging.
- Verify all components are present: main unit, charging cable, and carrying case.

## 1.2 Initial Charge

- Connect the charging cable to the device and a suitable power source.
- Allow the device to charge fully before first use. The charging indicator will confirm status.

## 1.3 Power On/Off

- To power on, press and hold the power button until the screen illuminates.
- To power off, press and hold the power button until the shutdown prompt appears, then confirm.

# 2. Operating Instructions

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## 2.1 Scanning Sensors

- Navigate to the 'Scan Sensor' option on the main menu.
- Hold the tool near the tire valve stem. The tool will scan and display sensor data.
- This function supports both OE and aftermarket sensors.

## 2.2 Programming Sensors

- Select 'Program Sensor' from the menu.
- Choose the desired programming method (e.g., 'Create ID', 'Copy by Activation', 'Manual Input').
- Follow on-screen prompts to complete the programming process. This allows programming or copying a sensor in seconds.

## 2.3 Performing Relearns

- Access the 'Relearn' function.
- The tool acts as a full diagnostic tool to perform various relearn procedures.
- For vehicles requiring OBDII relearn, an optional OBDII module (sold separately) may be needed. Connect the module to the tool and the vehicle's OBDII port, then follow the on-screen instructions.
- The tool can copy OEM ID numbers into smart sensors to avoid lengthy, complicated relearns.

# 3. Maintenance

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- Keep the device clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Store the tool in its protective carrying case when not in use to prevent damage.
- Ensure the battery is charged regularly to maintain optimal performance.
- Periodically check for software updates on the manufacturer's website to ensure compatibility with new TPMS applications.

# 4. Troubleshooting

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Problem	Possible Cause	Solution
Device does not power on.	Low battery or power button issue.	Charge the device for at least 4 hours. Ensure the power button is pressed firmly.

Problem	Possible Cause	Solution
Cannot scan sensor.	Incorrect positioning, sensor fault, or incompatible sensor.	Ensure the tool is held close to the valve stem. Verify the sensor is functional and compatible.
Relearn procedure fails.	Incorrect procedure, vehicle specific requirements, or missing OBDII module.	Consult vehicle's service manual for specific relearn steps. Ensure optional OBDII module is used if required.

## 5. Specifications

- **Brand:** SMART SENSOR
- **Model:** 17-144 XS Pro+
- **Item Weight:** 3.19 pounds
- **Package Dimensions:** 12.64 x 10.04 x 3.15 inches
- **Manufacturer Part Number:** 17-144SmartSensor
- **UPC:** 759321758304
- **First Available:** December 11, 2018
- **Functions:** Scans OE and aftermarket sensors, full diagnostic tool for relearns, programs/copies sensors, copies OEM ID numbers.

## 6. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official SMART SENSOR website. Ensure to register your product for potential updates and support.

*Note: International products may have separate terms and may differ from local products, including fit, age ratings, and language of product, labeling or instructions.*