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BH SENS 73905231

BH SENS DT41 Kit User Manual

Model: 73905231

INTRODUCTION

The BH SENS DT41 Kit provides a comprehensive solution for Tire Pressure Monitoring System (TPMS) maintenance and repair. This kit includes one DT41 TPMS Diagnostic Tool and eight IntelliSens rubber sensors, designed to activate, read, and program BH SENS sensors efficiently.

The DT41 tool supports various relearn procedures, including indirect, manual, and OBDII, and offers vehicle make, model, and year lookup capabilities. It is equipped with an OBDII connection port for convenient use.

PRODUCT OVERVIEW



This image displays the BH SENS DT41 TPMS Diagnostic Tool alongside eight IntelliSens rubber sensors. The DT41 tool features a clear display and intuitive navigation buttons, while the sensors are designed for reliable tire pressure monitoring.

Driving TPMS Innovation

*It Just Makes **SENS***

X4
UVS3041
315MHz

X4
UVS4041
433MHz

*BOTH UVS3041 & UVS4041 ARE COMPATIBLE WITH THE RÖVOC® FIXED METAL VALVE... SOLD SEPARATELY

The DT41 TPMS tool & IntelliSens Universal Sensor brings precision German engineering and production quality to aftermarket TPMS.

X1
DT41 TPMS TOOL

New Tool On The Block
The new DT41 activates and reads 100% of TPMS sensors, loading and cloning new sensors in just moments, and comes with 5 years of updates. With vehicle make-model-year lookup the DT41 adjusts placard values, displays all sensor data and provides drive, manual, and OBDII relearn for most vehicles on the road.

The Intelligent Touch
IntelliSens TPMS sensors are fully compatible with Auto-Location and Tire-Fill-Assist OE systems. Our UVS sensors are the fastest programmable sensors on the market, with the latest coverage and support Copy-Clone-ID. Once programmed by the DT41 TPMS tool, the IntelliSens Universal Sensor connects to the vehicle's existing Tire Pressure Monitoring System, providing real-time tire pressure and temperature readings, and rapid pressure loss warnings.

This image highlights key features of the DT41 TPMS tool and IntelliSens universal sensors. It emphasizes the tool's ability to activate and read 100% of TPMS sensors, its 5 years of updates, and the IntelliSens sensors' compatibility with auto-location and tire-fill assist OE systems, providing accurate real-time pressure readings.

1. Unpacking and Initial Inspection

- Carefully unpack the DT41 diagnostic tool and the 8 IntelliSens rubber sensors.
- Verify that all components listed in the "What's in the Box" section are present: 1 DT41 Tool and 8 Sensors.
- Inspect the tool and sensors for any visible damage.

2. Powering the DT41 Tool

- The DT41 tool requires 1 CR2 battery, which is included.
- Locate the battery compartment on the back of the DT41 tool.
- Insert the CR2 battery, ensuring correct polarity.
- Press the power button to turn on the device.

3. Sensor Installation (Professional Installation Recommended)

The IntelliSens rubber sensors are designed for installation within the tire and wheel assembly. It is highly recommended that sensor installation be performed by a qualified automotive technician to ensure proper fitment and sealing, preventing air leaks and damage to the sensor or tire.

OPERATING INSTRUCTIONS

1. Navigating the DT41 Tool

- Use the directional pad (up, down, left, right) to navigate through menu options on the display.
- Press the "OK" button to select an option or confirm an action.
- Use the "Back" or "Escape" button (if present) to return to the previous screen.

2. Activating and Reading TPMS Sensors

1. From the main menu, select the "Activate/Read Sensor" option.
2. Hold the DT41 tool near the tire valve stem of the sensor you wish to activate or read.
3. Press the activation button on the tool (refer to the tool's on-screen prompts for specific button).
4. The tool will display sensor ID, tire pressure, temperature, and battery status if successful.

3. Performing Relearn Procedures

After replacing or rotating TPMS sensors, a relearn procedure is often required to link the new sensor IDs to the vehicle's TPMS module.

- **Vehicle Lookup:** Select "Vehicle Lookup" from the main menu. Enter the vehicle's make, model, and year to find the correct relearn procedure.
- **Indirect Relearn:** Follow the on-screen instructions for vehicles that support indirect relearn, typically involving driving conditions.
- **Manual Relearn:** The tool will guide you through specific steps, often involving ignition cycles and tire pressure adjustments.
- **OBDII Relearn:** Connect the DT41 tool to the vehicle's OBDII port (located conveniently on the bottom of the tool). Follow the on-screen prompts to transfer sensor IDs to the vehicle's ECU.

4. Programming IntelliSens Sensors

The DT41 tool is designed to program IntelliSens sensors. This allows for cloning existing sensor IDs or creating new ones.

1. Select the "Program Sensor" option from the menu.
2. Choose the programming method (e.g., Copy-ID, Create New ID).
3. Follow the on-screen instructions to complete the programming process.

MAINTENANCE

1. Cleaning the DT41 Tool

- Wipe the tool's display and casing with a soft, dry, lint-free cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals.

2. Battery Replacement

- When the battery indicator shows low power, replace the CR2 battery promptly.
- Ensure the tool is powered off before opening the battery compartment.
- Dispose of old batteries according to local regulations.

3. Software Updates

The DT41 tool is designed to receive software updates, which may include new vehicle coverage, sensor protocols, and feature enhancements. Refer to the manufacturer's official website or included documentation for instructions on how to download and install updates. The product includes 5 years of updates.

TROUBLESHOOTING

Problem	Possible Cause	Solution
DT41 tool does not power on.	Low or dead battery; incorrectly inserted battery.	Replace the CR2 battery; ensure correct polarity.
Tool cannot activate or read sensors.	Tool not close enough to sensor; sensor not active; incorrect sensor type (not BH SENS); tool software outdated.	Ensure tool is held directly over the valve stem; check if sensor is active; verify sensors are BH SENS IntelliSens; update tool software.
Relearn procedure fails.	Incorrect vehicle selection; steps not followed precisely; vehicle's TPMS module issue.	Verify vehicle make, model, year; carefully re-read and follow relearn steps; consult a professional technician if issues persist.
Display is scratched or appears used.	Cosmetic issue; potential prior handling.	This is a cosmetic issue and does not affect functionality. If functionality is impaired, contact customer support.

SPECIFICATIONS

- **Brand:** BH SENS

- **Model:** DT41 Kit - 8 sensors - rubber
- **Item Model Number:** 73905231
- **Manufacturer:** Huf Baolong Electronics North America Corp
- **Item Weight:** 3 pounds
- **Package Dimensions:** 10 x 6 x 5 inches
- **Batteries:** 1 CR2 battery required (included)
- **First Available Date:** January 3, 2020




WARRANTY AND SUPPORT

Specific warranty information for the BH SENS DT41 Kit is not provided in this manual. For detailed warranty terms, technical support, or service inquiries, please refer to the documentation included with your purchase or visit the official BH SENS website. Keep your purchase receipt for warranty claims.



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Related Documents - 73905231

	<p>BH SENS DT41 User Manual - Comprehensive Guide</p> <p>Detailed user manual for the BH SENS DT41 TPMS tool, covering specifications, safety instructions, operation procedures, troubleshooting, and maintenance. Learn how to check sensors, program universal sensors, and update the tool.</p>
	<p>BH SENS IntelliSens TPMS Service and Installation Guide</p> <p>A comprehensive guide from BH SENS detailing the installation and service procedures for IntelliSens Tire Pressure Monitoring System (TPMS) sensors. Covers incoming inspection, sensor selection, installation steps for various valve types, and the relearn process, ensuring optimal tire safety and performance.</p>
	<p>BH SENS DT41 TPMS Tool User Manual</p> <p>Comprehensive user manual for the BH SENS DT41 Tire Pressure Monitoring System (TPMS) tool. Covers specifications, safety instructions, operation procedures, troubleshooting, sensor programming, and tool updates for automotive professionals.</p>

