

IDENTIFICATION CLONING TOOL MANUAL



To ensure correct operation and service, read the following instructions before operating the Identification Cloning Tool.

IDENTIFICATION CLONING TOOL USE

The Identification Cloning Tool interacts with the tire pressure sensor through wireless (radio frequency) communication to write the sensor identification number onto replacement sensors.

IDENTIFICATION CLONING TOOL INTRODUCTION



9-volt battery: Remove rubber cover and install battery in back of tool prior to operation.

KEYPAD SUMMARY



Power unit on



ENTER key, to write identification number



Power off unit



BACK key



Keypad, key in sensor identification number

FUNCTION KEY



Press to turn the unit on, press and hold to turn unit off.

FIRST FUNCTION	
At power on, the tool displays the software revision number.	ID Code Ver: 1.00
SECOND FUNCTION	
While the unit is on, press and hold 'ON' to turn the power off.	Bye-Bye ^0^/_

KEY	FUNCTION
	ON KEY: Press and hold the ON key to power the unit off
	KEYPAD: Key in sensor identification number to be written on blank sensor
	ENTER KEY: After keying in the sensor identification number and loading sensor, pressing the Enter key will write sensor ID number onto blank sensor.
	BACK KEY: Delete undesired inputs

ID WRITING PROCEDURE	
IMPORTANT: After removing sensor from the tire, use TPMS Application and Illustrated Parts Guide to determine appropriate sensor needed to replace OE sensor.	
STEP 1: Determine OE sensor identification number by reading the sensor or using a scan tool.	
STEP 2: Press the ON key to turn tool on. NOTE: Tool shuts off automatically if left inactive for 7 seconds.	Enter Valve ID
STEP 3: Place replacement sensor into Identification Cloning Tool and input OE sensor identification number. The 'h' or 'd' below ID number represents input format: h = hexadecimal (letters and numbers) d = decimal (numbers only) To change from 'd' (decimal) to 'h' (hexadecimal), or vice versa, press the ON key .	018834F0 h

ID WRITING PROCEDURE (Cont'd)	
STEP 4: Press the ENTER key . The tool will begin to write the identification number onto the new sensor.	018834F0 ENTER....h
STEP 5: The screen will indicate that the OE sensor ID number has been written to new sensor by 'OK!'.	018834F0 TX OK!h
STEP 6: Place the included sticker on the new sensor and write the ID number for future reference.	
STEP 7: Properly dispose of old sensor. NOTE: Old sensors will transmit signals and may interfere with new replacement sensors and the vehicle's TPMS light may trigger. To avoid this, place old sensors in aluminum foil or remove from TPMS staging area.	

TYPICAL OE SENSOR ID NUMBER LOCATION











IDENTIFICATION CLONING TOOL SPECIFICATIONS

Dimensions:	143mm x 88mm x 35mm
Battery:	9V
Display:	2 line LCD, 30mm x 15 mm
Weight:	255g
Temperatures:	Operational: 5°C to 45°C/41°F to 113°F Storage: 0°C to 60°C/32°F to 140°F
Relative humidity:	70-80%

TROUBLESHOOTING GUIDE

WHEN ...	NOTE...
Removing old sensor from vehicle	Remove from area or wrap in aluminum foil, damaged sensors will continue to transmit signals.
Vehicle does not recognize sensors	May require over-inflating tire and then reducing psi to proper level to activate sensor.
Checking if spare tire is equipped with TPMS	Ensure proper air pressure and functioning sensor.
No sensor is detected	Ensure correct sensor is being used via the TPMS Application and Illustrated Parts Guide. Verify that the OE part number in the TPMS Application and Illustrated Parts Guide matches the OE part number of the sensor on the vehicle.

IDENTIFICATION CLONING TOOL SAFETY TIPS

	SWITCH ON SAFELY: Do not switch on the device when wireless tool is prohibited or when it may cause interference or danger.
	SWITCH OFF WHEN REFUELING: Do not use the device when filling vehicle with gasoline. Do not use near fuel or chemicals.
	SWITCH OFF NEAR BLASTING: Adhere to any restrictions. Do not use the tool when blasting is in progress.
	USE SENSIBLY: Use only in normal conditions as indicated in product instructions. Do not touch the antenna unnecessarily.
	QUALIFIED SERVICE: Only qualified personnel may install or repair this device.
	ENHANCEMENTS AND BATTERIES: Use only approved enhancements and batteries for the Identification Cloning Tool. Do not connect incompatible products.
	WATER RESISTANCE: This tool is not water resistant – keep it dry.
	CONNECTING TO OTHER DEVICES: When connecting to any other device, read user guide for detailed safety instructions. Do not connect incompatible products.



This device is a radio transmitter.

APPENDIX

The Identification Cloning Tool is a product of superior design and craftsmanship and should be treated with care. Follow the suggestions below to help maintain warranty coverage:

- Keep the device dry. Precipitation, humidity and all types of moisture may contain minerals that will corrode electronic circuits. If device does get wet, remove the battery and allow the device to dry completely before replacing.
- Do not use or store the tool in dusty, dirty areas to keep electronic components clean.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than instructed in this guide.
- Do not drop, knock or shake the device. Rough handling can break internal circuit boards and mechanics.
- Do not use harsh chemicals, cleaning solvent or strong detergent to clean the device. Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Do not touch the main display with hard or angular materials. Objects like earrings or jewelry may scratch the display.
- Use a soft, clean and dry cloth to clean the device.
- Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the device and may violate regulations governing radio devices.

All of the above suggestions apply equally to your device, battery or any enhancements. If device is not working properly, contact Product Assistance Group, 1-800-566-8334.

RF NOTICE

This device meets guidelines for exposure to radio waves.

This device is a radio transmitter. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The SAR value for this device is less than 5A/m. This value is the reference level for general public exposure to time varying electric and magnetic fields (unperturbed rms values) for the 3-150 kHz frequency range.

FCC NOTICE

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS-210 standard.

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

WARNING: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIMITED WARRANTY

Your new product is warranted to you, the original customer to be free of defects in material and workmanship (as determined solely by Standard Motor Products, Inc.) for 1 year from the date of purchase, subject to the limitations below. Standard Motor Products, Inc. will repair or replace, at its option, the product if it is proven defective under normal use and service. The product must be shipped prepaid. Proof of the date of sale to the original customer may be required.

This warranty does not include labor or cover the cost of any other components or labor required to restore the motor vehicle to its proper operating condition.

This warranty does not apply to products that have been: 1) altered; 2) improperly installed, maintained or repaired or installed on a second engine or motor vehicle; 3) damaged by accident, negligence or misuse; 4) used in commercial, fleet, heavy duty, off road, public or governmental vehicles; or 5) returned with missing components or parts that were originally included in the package.

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For further information regarding this Limited Warranty, contact Standard Motor Products, Inc., 37-18 Northern Boulevard, Long Island City, N.Y. 11101-1616, Attention Product Assistance Group, 1-800-566-8334.

