



Owner's Manual





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Introduction

MULTi-FIT Tool 1 TPMS Programmer

MULTi-FIT Tool 1 TPMS Programmer is designed to program Dorman MULTI-FIT TPMS Sensors.

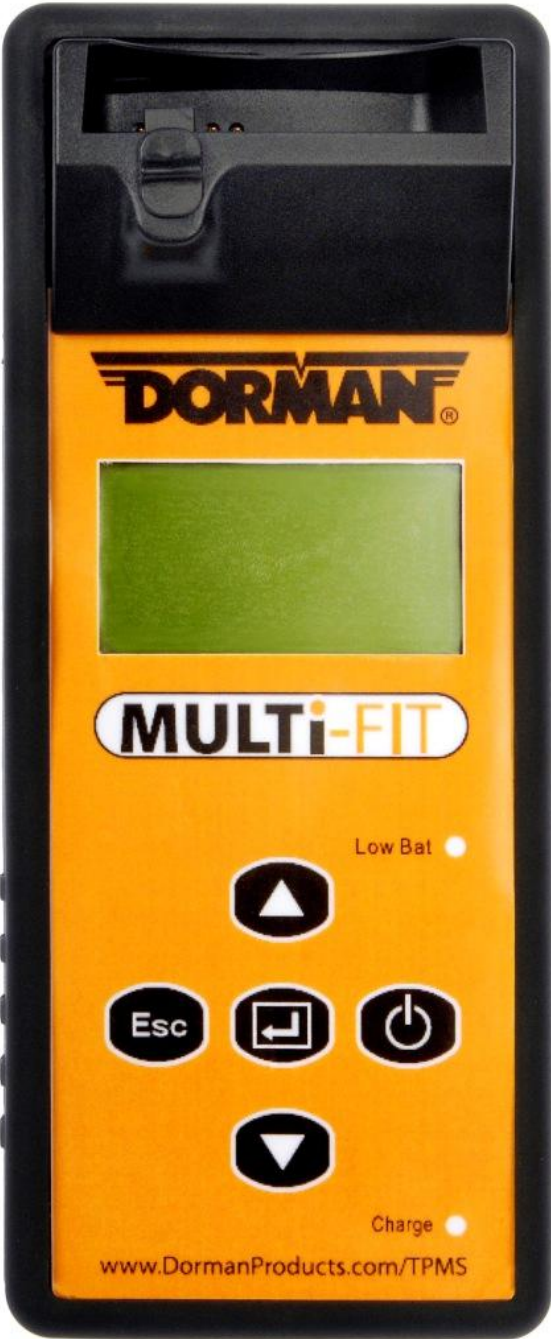
Sensor Cradle

LCD Display

Keypad

Indicators

USB Connector



Keypad Summary



Power On / Off



Navigate through menus and parameters by pressing up and down keys

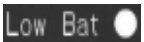


Enter key, press to select function or validate a parameter

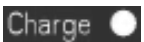


Esc key, press to return to the previous menu without parameter validation

Pressing the Esc key at the MAKE SELECTION menu accesses the SETTING menu of the MULTi-FIT Tool (see section 9)



Indicator will turn red when battery is low



Indicator will turn orange when charging



The USB connection allows software update via Dorman software download



Keypad Functions

MULTi-FIT Tool 1 TPMS Programmer

Power On The Device



Press and hold the power key to power on the device

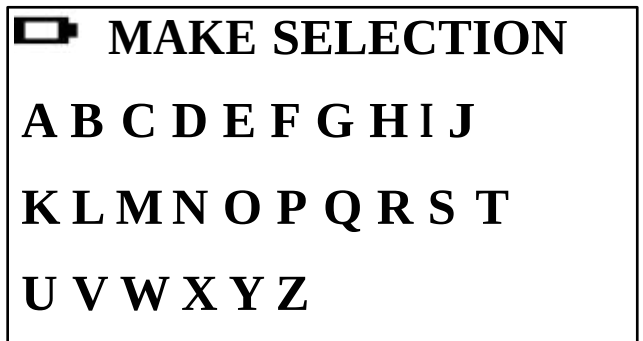
During power on, the device displays the Dorman logo.



Software revision number is located below the MULTi-FIT logo.



Now the device is at the make selection menu



Application Selection

Use arrow key to scroll up and down between maker

Make selection:

Use the arrow   key to highlight the first letter of the vehicle make, press the "Enter" key  to select.

 **MAKE SELECTION**

A B C D E F G H I J

K L M N O P Q R S T

U V W X Y Z

Make selection:

Use the arrow key   to highlight the vehicle make, press the "Enter" key  to select.

 **B**

BMW

Buick

Model selection:

Use the arrow key   to highlight the model, press the "Enter" key  to select.

 **BMW**

3 SERIES

5 SERIES

6 SERIES



Application Selection

MULTi-FIT Tool 1 TPMS Programmer

Application Selection cont'd

Year selection:

Use the arrow key  
to highlight the year(s) and press
the "enter" key  to select.



5 SERIES

2011-12 (433)

2006-09 (433)

2010-09 (433)

Manual Duplicate an O.E. Sensor

This function is designed to manually duplicate an O.E Sensor's unique ID and to bypass relearning the sensor to the vehicle.

Function selection:

Use the arrow key   to **highlight** MANUAL DUPLICATE and press the "Enter" key  to select.



5 SERIES

MANUAL DUPLICATE

PROGRAM BLANK SENSOR

O.E ID Locator:

Use the O.E. ID Locator function to help find the Sensor ID on the O.E. sensor.
Select by pressing the "Enter" key 



MANUAL DUPLICATE

O.E ID LOCATOR

INPUT ID

Manufacture Selection:

Use the arrow key   to **highlight** the manufacturer of the O.E sensor.
Select by pressing the "Enter" key 



VDO

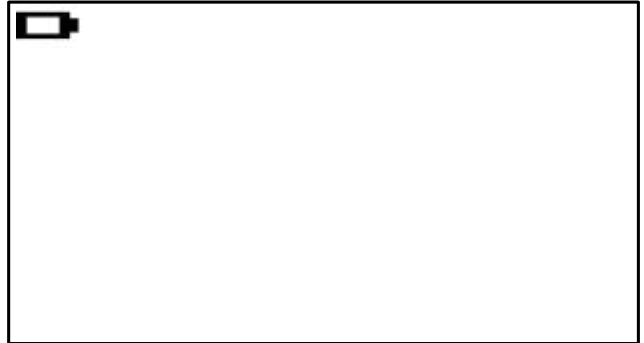
BERU

LEAR

ID Locator:

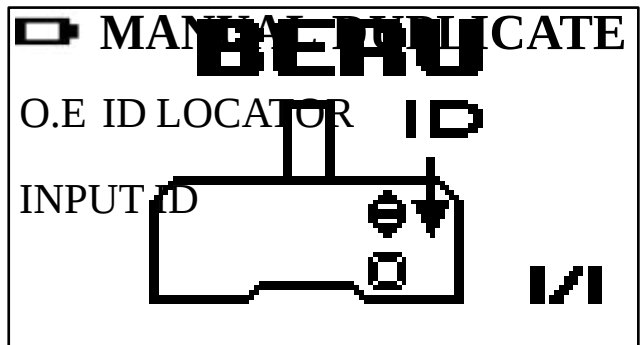
This will show you where the ID is located on the O.E. Sensor. Some manufacturers may have more than one type of sensor. Use the arrow   key to browse.

To go back press the Esc key



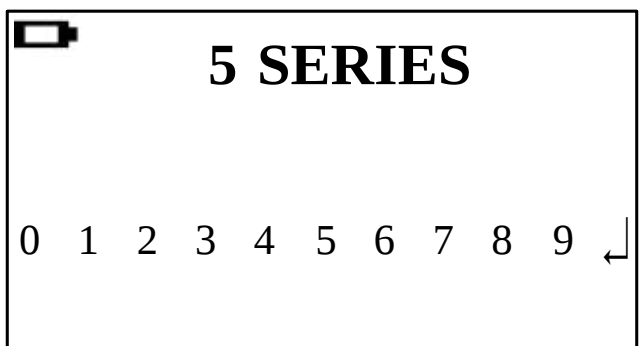
Input ID:

Use the INPUT ID function to input the ID from the O.E. Sensor. Press the “Enter” key  to select.



Input Sensor ID:

Use the arrow key   to highlight the value. Press the “Enter”  key to select the ID value.





Manual Duplicate

MULTi-FIT Tool 1 TPMS Programmer

Programming Sensor:

Once the last ID value is selected the MULTi-FIT Tool will program the sensor; the programming process will erase the flash, program the sensor, and verify the programming.



5 SERIES

PROGRAM SENSOR...

Program complete:

When the Program process is complete, the tool will signal with 2 short beeps to confirm programming completion.



5 SERIES

PROGRAMMED SUCCESSFUL

**** Note: The MULTi-FIT Sensor is now ready to install and the vehicle will not need to go through a relearn. The MULTi-FIT sensor is programmed as an exact duplicate of the O.E. Sensor that it is replacing. The vehicle will accept the MULTi-FIT Sensor without the need of the relearning process. If the vehicle had DTC(s) set for TPMS prior to servicing, the vehicle may require a brief drive period to clear these DTC.**

**** Duplicate and Program function will only work with Dorman's MULTi-FIT Sensor and MULTi-FIT Sensor only.**



Program Blank Sensor

MULTi-FIT Tool 1 TPMS Programmer

Programming a blank sensor

This function is designed to program a new replacement sensor by vehicle application. The vehicle's relearn procedure must be performed according to manufacturer's instructions after sensor is programmed and installed on vehicle to properly complete installation.

Function selection:

Use the arrow   key to select

PROGRAM BLANK SENSOR and press the "Enter" key 

to select.

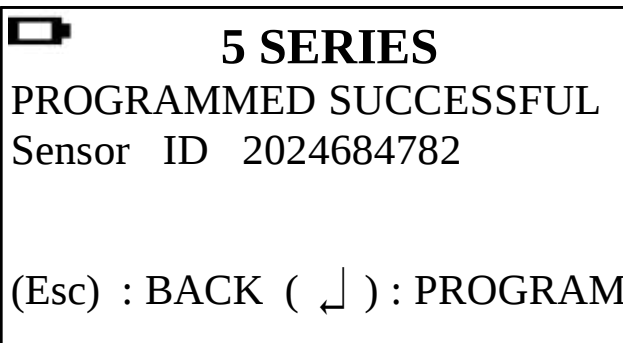
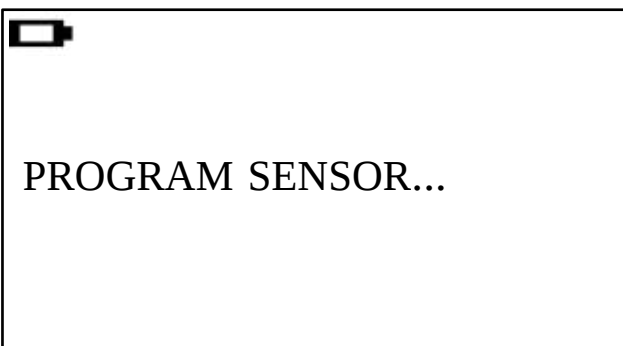
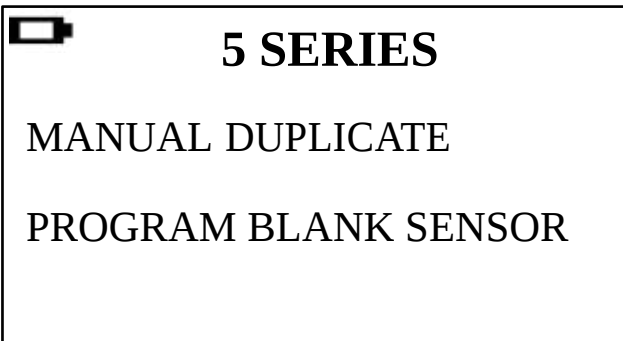
** Note: make sure the correct sensor is inserted in the cradle.

Program Blank Sensor:

The MULTi-FIT Tool will program the sensor; the programming process will erase the flash, program the sensor, and verify the programming.

Program complete:

When the Program process is complete, the tool will signal with 2 short beeps to confirm programming completion.



**** Note:** Once the Program function is complete, the MULTi-FIT Sensor can be installed into the tire and the appropriate re-learn procedure must be performed to register the replacement ID(s).

Device Setting

Setting



Press Esc to go in to setting at maker selection menu

ID Format:

Change the ID format between decimal and hexadecimal with the

“Enter” key 

** Note: The preset is AUTO that automatically changes format based on input from the sensor.

SETTING	
ID FORMAT:	Auto
AUTO OFF:	3min
DISPLAY CONTRAST:	05

Auto off:

User can adjust how quickly the tool will turn off after a period of non-use. This feature can also be disabled. Press the “Enter” key  to select desired auto off time.

SETTING	
ID FORMAT:	Auto
AUTO OFF:	3min
DISPLAY CONTRAST:	05

Display contrast:

User can adjust the contrast of display. Press the “Enter” key  to highlight and use the arrows   to adjust from 01 to 30

SETTING	
ID FORMAT:	Auto
AUTO OFF:	3min
DISPLAY CONTRAST:	05

Device Setting

Setting



Press Esc to go in to setting at MAKE SELECTION menu

Device S/N:

The device's serial number is used to update the device's firmware via CD or internet.

** Note all of the update firmware is synchronized by the device's serial number.

SETTING	
BUZZER:	ON
DEVICE S/N:	ITM00730
LANGUAGE:	English

Buzzer:

User can adjust the device to beep after receiving tire sensor information. Press the "Enter" key  to buzzer and use the arrows   to adjust between on and off.

SETTING	
BUZZER:	ON
DEVICE S/N:	ITM00730
LANGUAGE:	English

Language:

Use the "Enter" key  to choose language.

*English, French, Spanish.



SETTING	
BUZZER:	ON
DEVICE S/N:	ITM00730
LANGUAGE:	English

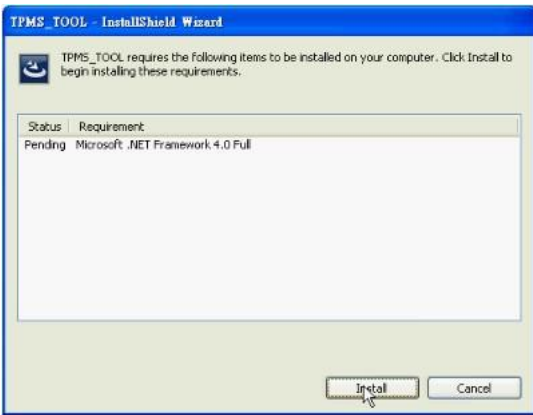
Setting



Press Esc again to go back to make selection menu

Software Installation

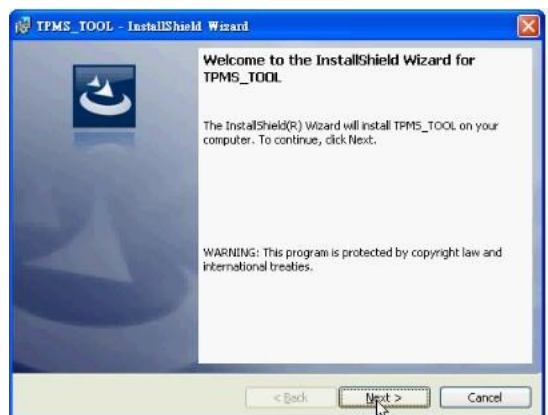
1. Insert the CD, supplied with instrument, into the PC drive and click on the Dorman icon to start the installation
2. The following screen will appear. Click " Install "



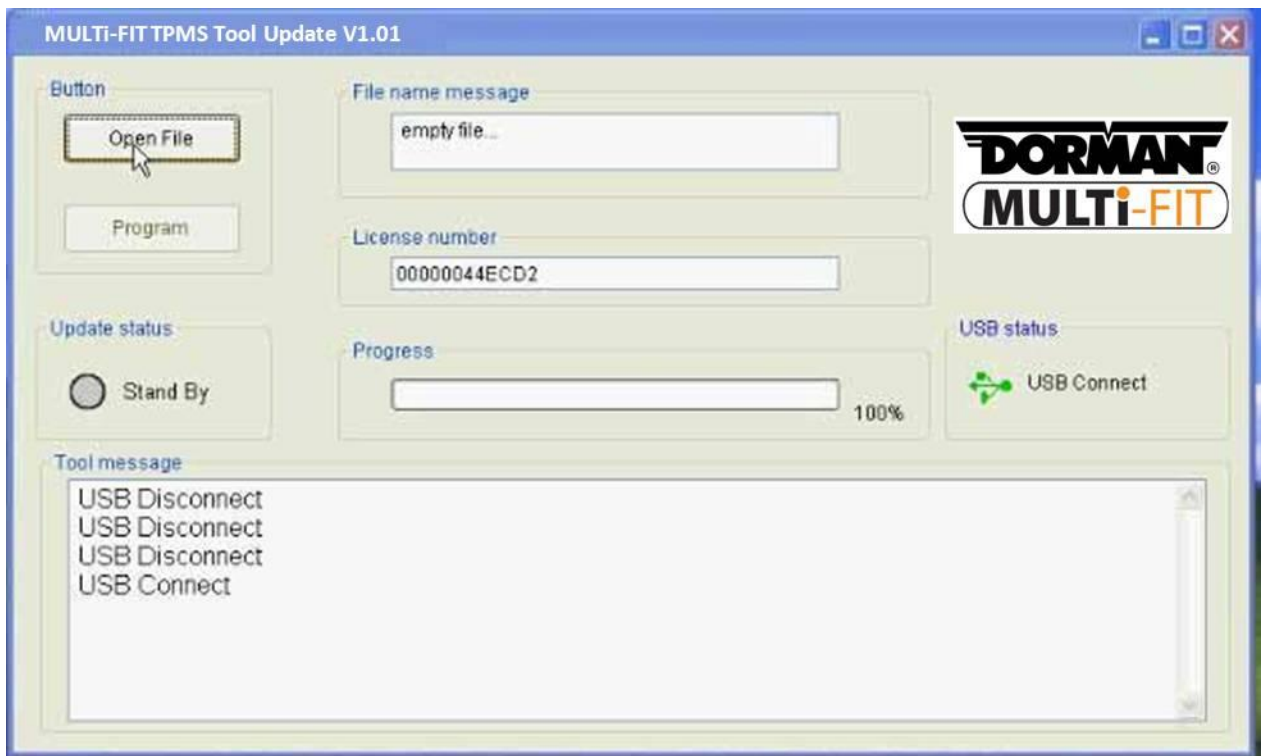
**** Note** This screen will only appear if you don't have Microsoft .Net Framwork 4.0 installed.
This process will take a while to complete.

3. The following window will appear, Please click "Next"

**** Note** Please read the license agreement carefully, and select " I accept the terms in the license agreement " and click " Next " to complete the software installation.

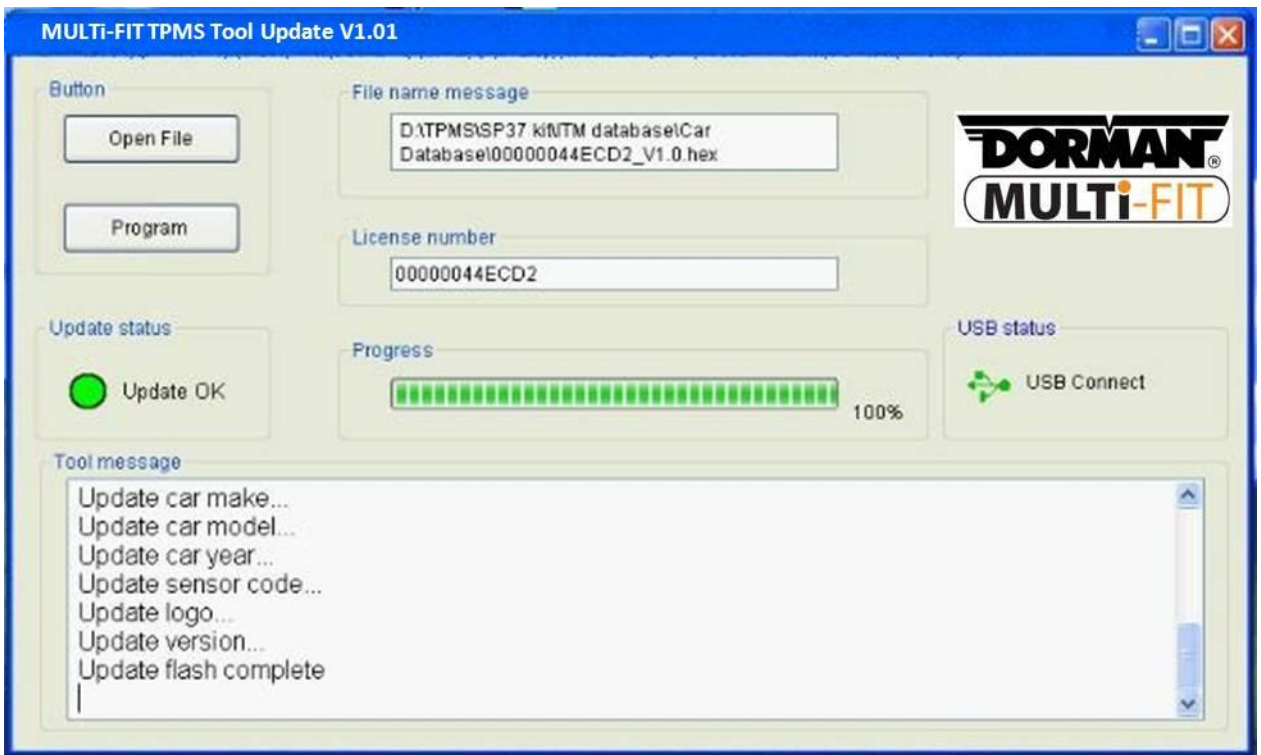


1. Connect the USB cable from MULTi-FIT Tool to the PC,
Click on the Dorman TPMS update icon to start the program.
 2. The following screen appears. When "USB Connect" is displayed, Click "Open File" to select the newest update file either downloaded from the web or on a CD.
 3. Click program after the file is selected to start the update process.
- ** Note** Every device has its own unique license number, the software must match the license number to update.



Device Software Update

4. The update process should look like the following window, the update status light will flash yellow light during the update.
5. When the update is completed the update status light will be solid green.



For the latest version of the software please visit

www.dormanproducts.com/TPMS



Warranty

Device Warranty

DORMAN LIMITED LIFETIME WARRANTY

At Dorman, we take pride in the quality of our products, and your satisfaction with their performance. Thus, Dorman warrants its products to be free from defects in material and workmanship under normal use and service. As your exclusive remedy, Dorman will replace free of charge any Dorman product that in Dorman's reasonable determination does not comply with the foregoing warranty. This warranty is voided by non-recommended use, improper installation, or physical damage. In addition, Dorman will not be liable for any incidental or consequential damages and your exclusive remedy shall be replacement of the product that did not comply with this limited warranty.

ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED.

Federal and/or state laws may provide you with other warranties for this product. Some states do not allow the exclusion or limitation of incidental or consequential damages. Should you need to replace any Dorman parts covered under this limited warranty, please see the store of purchase with your used part and original sales receipt.

Warning: Only use Dorman replacement parts. Using other brands will not allow the system to work and will void the warranty.



