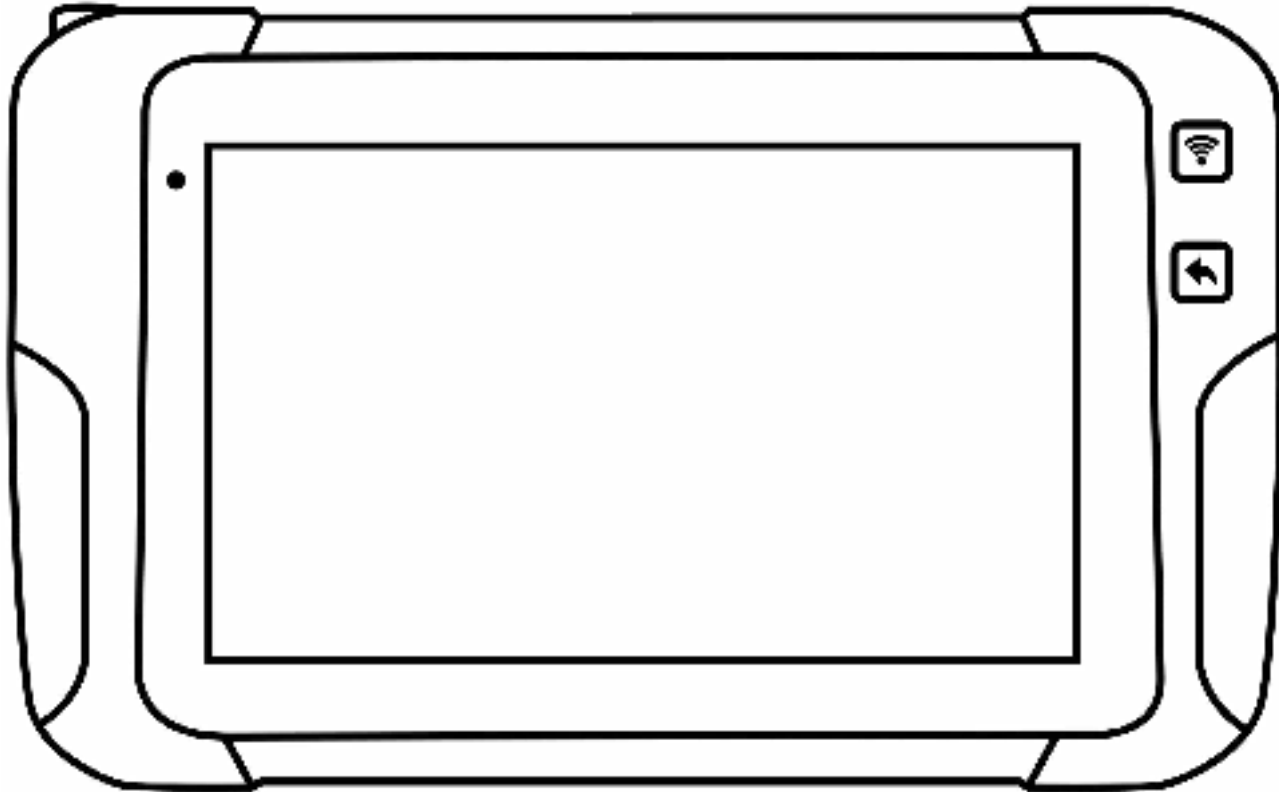


XXX66XXX, XXX67XXX (X=A-Z, 0-9 or blank)

# TPMSTOOL



# USER MANUAL

# TABLE OF CONTENTS

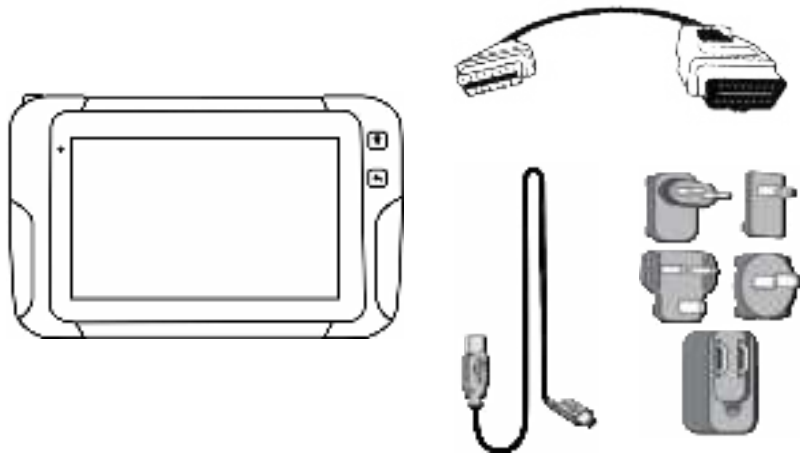
<b>1. Overview.....</b>	<b>3</b>	9.6. Trailer TPMS.....	30
1.1. Specifications.....	3	<b>10. Tire Management.....</b>	<b>31</b>
1.2. Kit Contents.....	3	10.1. Tire Tread Depth.....	32
1.3. Safety Information.....	4	10.2. DOT.....	33
<b>2. Tool Controls.....</b>	<b>5</b>	10.3. Wheel Inspection.....	34
<b>3. Connecting the Tool to WiFi.....</b>	<b>6</b>	<b>11. Report.....</b>	<b>35</b>
<b>4. Registering &amp; Updating the Tool.....</b>	<b>7</b>	11.1 Setting Up Email.....	36
<b>5. Selecting a Vehicle.....</b>	<b>8</b>	11.2 Sending a Report.....	38
5.1. via Manual Selection.....	8	<b>12. Support.....</b>	<b>39</b>
5.2. via VIN Scan.....	9	12.1. Contact Support.....	40
<b>6. Main Vehicle Screen.....</b>	<b>10</b>	12.2. Help.....	41
<b>7. Reset TPMS.....</b>	<b>11</b>	12.3. Training.....	42
7.1. Manual Relearn.....	12	<b>13. Settings.....</b>	<b>43</b>
7.2. OBDII Relearn.....	13	<b>14. User Manual &amp; Quickstart Guide.....</b>	<b>44</b>
<b>8. Program.....</b>	<b>14</b>	<b>15. Warranty.....</b>	<b>45</b>
8.1. Selecting an AM Sensor.....	15	<b>16. Federal Communication Commission Interference Statement</b>	<b>46</b>
8.2. Create.....	16		
8.3 Copy.....	17		
8.4 Create Set.....	18		
8.5. Copy Set.....	19		
8.6. Manual ID.....	21		
8.7. Retrieve ID.....	22		
<b>9. Diagnostics.....</b>	<b>23</b>		
9.1. Keyfob.....	24		
9.2. TPMS DTCs.....	25		
9.3. Placard Adjustment.....	26		
9.4. TPMS ID Match.....	28		
9.5. RF Detection.....	29		

# 1.0 OVERVIEW

## 1.1 SPECIFICATIONS

<b>Battery Type</b>	Li-Po 3.8V 6200 mAh
<b>Battery Life</b>	Approximately 1,000 activations per charge
<b>Dimensions (L,W,D)</b>	6" x 10" x 1.625" (15.25cm x 25.5cm x 4.15cm)
<b>Case Material</b>	High Impact ABS
<b>Response Frequency</b>	315 MHZ and 433.92 MHZ
<b>Low Battery Indication</b>	LCD Display
<b>Weight</b>	Approx. 2 lbs. (0.9 kg)
<b>Temperature</b>	Operation: -4°F to 131°F (-20°C to +45°C) Storage: -4°F to 131°F (-20°C to +45°C)
<b>Altitude</b>	Maximum Operating Altitude: 10,000ft (3000m)
<b>Environment</b>	Indoor/Outdoor Use (<80% Humidity)

## 1.2 KIT CONTENTS



- TPMS Tool
- OBDII Quick Connect Cable
- USB-C Cable
- Universal Charger

# 1.3 SAFETY INFORMATION

## READ THESE SAFETY INSTRUCTIONS BEFORE USING THE DEVICE

**IMPORTANT:** Before first use, the user will be prompted to configure the regional vehicle database and UHF RFID frequency settings according to the geographic location where the tool will be operated. A proper configuration will prevent unauthorized radio frequencies in violation of local laws (example German fine regulations TKG §148 and §149).

It is under the sole responsibility of the user to declare the correct regional settings, before operating the tool. The manufacturer cannot be considered liable for any non-compliance with laws or regulations, due to the use of other settings.



**WARNING:** This product emits electromagnetic and electronically generated waves that may interfere with the safe operation of pacemakers. Individuals with pacemakers should NEVER USE this product.



**WARNING:** Do not use on live electrical circuits.



**WARNING:** Users/bystanders must wear safety goggles.



**WARNING:** Risk of entanglement.

- Use the device only in its normal operating positions and unplug it before attempting to service or clean it.
- Keep your device and its enhancements (chargers, Lithium-polymer batteries, etc.) out of the reach of small children as they may contain small parts.
- Only use the charger supplied with your device. Using another type of charger will result in malfunction and/or danger.

- Do not use the charger in a high moisture environment.
- Never touch the charger when your hands or feet are wet.
- Do not cover the charger with paper or other objects that will reduce cooling. Make sure there is sufficient ventilation when operating the charger. Do not use the charger while it is inside a carrying case.
- Connect the charger to a proper power source. The voltage requirements are found on the product.
- Do not use the charger if the wires become damaged. Do not attempt to service the unit. Replace the unit if it is damaged or exposed to excess moisture.
- Do not use the charger to charge other appliances.
- Do not disassemble, crush, pierce or dispose of the battery or the instrument in fire or water, do not short circuit or the contacts with a metal object.
- During the charging process, position the device to allow easy access to unplug the charger.
- Never leave the battery unattended during the charging process and leave it cool down. If the battery begins to overheat more than 60°C (140°F), stop charging immediately. In case of any smoke or liquid coming from the battery, disconnect it, stop charging, do not use the battery again and return your device to your retailer.
- Clean with a soft dry cloth, or if necessary, a soft damp cloth with clean water. Do not use any harsh chemical solvents such as acetone, thinner, brake cleaner, alcohol... as this may damage the plastic surface.
- Do not use this tool where contact or immersion in water is a possibility. Never spill liquid of any kind onto the tool.
- Do not use or store the tool in an area where it is exposed to direct sunlight or excessive moisture.
- To reduce the risk of fire, do not operate the tool in the vicinity of open containers or flammable liquids. Do not use if the potential for explosive gas or vapors exists.

## WARRANTY

Valid warranty claims are processed through the point of purchase during the first 30 days after purchase. Please contact your point of purchase for technical assistance. The entire warranty period of your device is one year, it is

non-transferable and limited to the original purchaser. No dealer, agent, or employee is authorized to make any modification, extension or addition to this warranty. Note that the warranty does not cover problems or damage resulting from (1) accident/abuse/misapplication/ unauthorized repair/modification/disassembly; (2) improper operation/maintenance/usage not in accordance with product instructions or connection to improper voltage supply; or (3) use of consumables (replacement batteries...)



## RECYCLING

Help us to protect the environment:

- Do not dispose of the rechargeable battery, the tool and/or its accessories in the general waste.
- Take your tool and any enhancements marked with this symbol to separate collection at the end of the product's service life.
- Do not dispose of your products as unsorted municipal waste.

For further information please contact the point of sale.

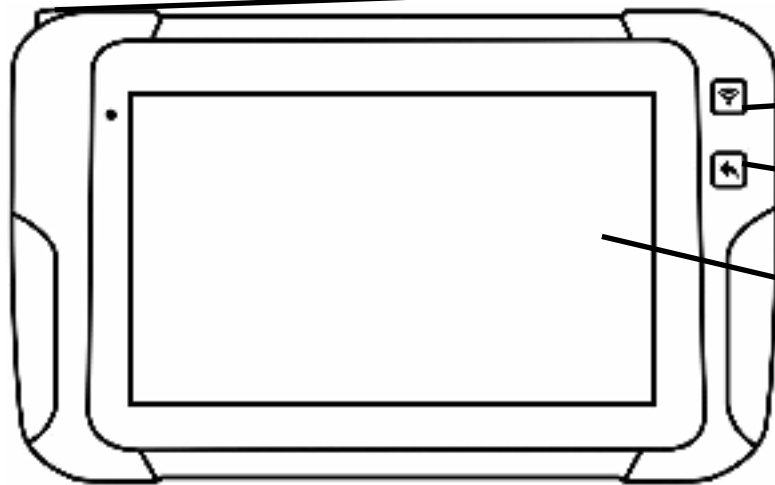
## DECLARATION OF CONFORMITY

The manufacturer of the tool declares that the device is in conformity with:

- Radio Equipment (RED) Directive 2014/53/EU
- Restriction of hazardous substances (RoHS) Directive 2011/65/EU
- FCC PART 15B:2019
- FCC PART 15.247:2019
- FCC PART 15.407:2019
- FCC PART 15.207/209:2019

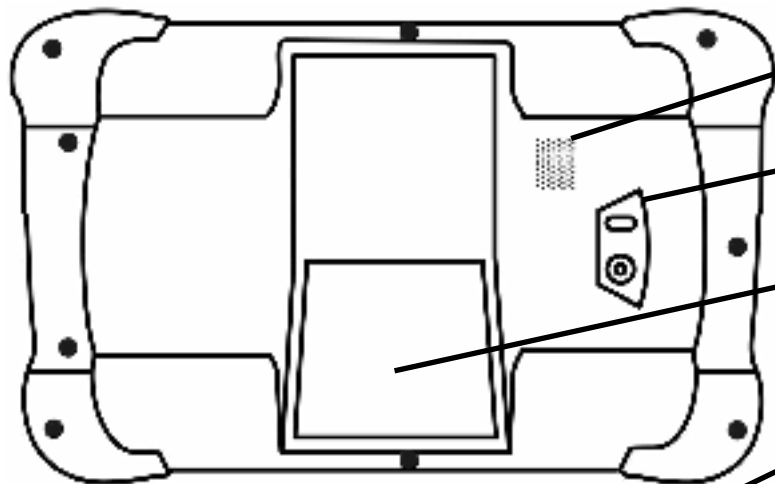
# 2. TOOL CONTROLS

## FRONT



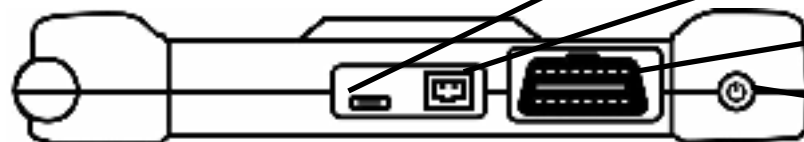
- Antenna
- Trigger/Activation Button
- Back/Cancel Button
- Touch Screen

## BACK



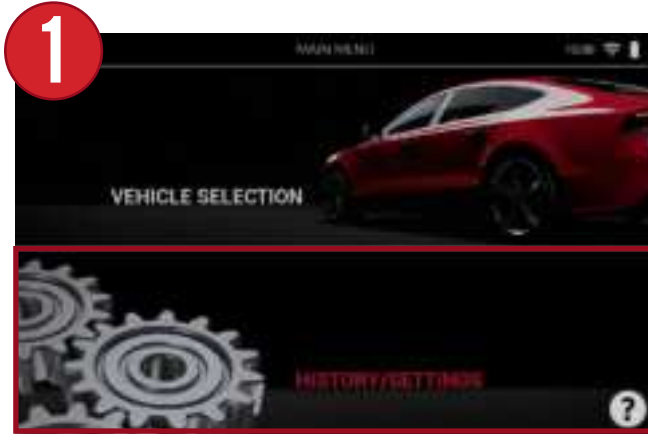
- Speaker
- Camera/Flash
- Tool Information
- USB-C Charging Port
- RJ45 Accessory Port

## TOP

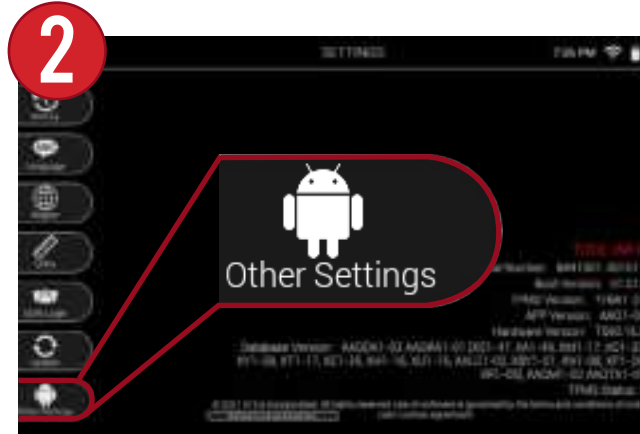


- OBDII Port
- Power Button

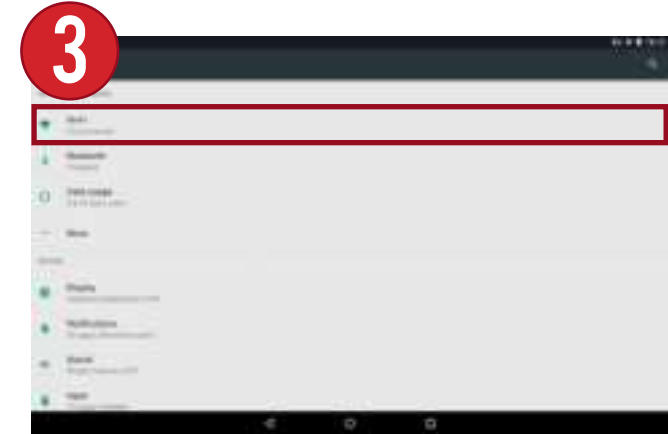
# 3. CONNECTING THE TOOL TO WIFI



From the main menu of the tool, select "History/Settings"



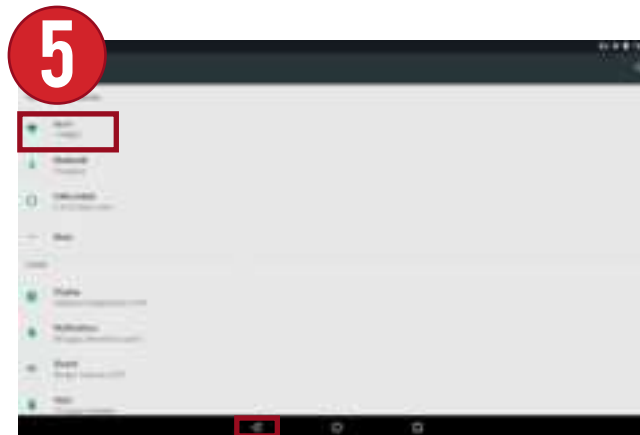
Then, when in the Settings menu, select "Other Settings" at the bottom of the screen.




This will take you to the tool's additional settings. From here, select WiFi at the top of the screen.



Select your preferred WiFi network, and enter the password. Once finished, select "CONNECT".



Once connected, your WiFi network name will be displayed. To return to the tool, press the back triangle icon at the bottom of the screen, or press the  button on the tool itself.

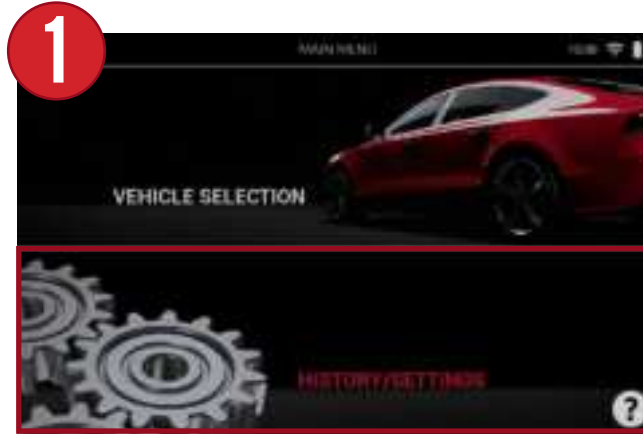


Back on the tool, you will see the WiFi icon at the top of the screen has been updated, indicating your tool is now connected to WiFi.

# 4. REGISTERING & UPDATING THE TOOL



Note: Attempting to register or update the tool before connecting to WiFi will display an error message. **See previous section on Connecting the Tool to WiFi.**



From the main menu of the tool, select "History/Settings"



Then, when in the Settings menu, select "Update" at the bottom of the screen.

The Update screen provides a simple and easy-to-use menu for both registering and updating the tool. Tap each section to enter registration info, as well as tap the "Update Now" button to begin updating the tool.

Registration Info

Tool Serial #  
& Current Version:

Update Tool

Tool Info

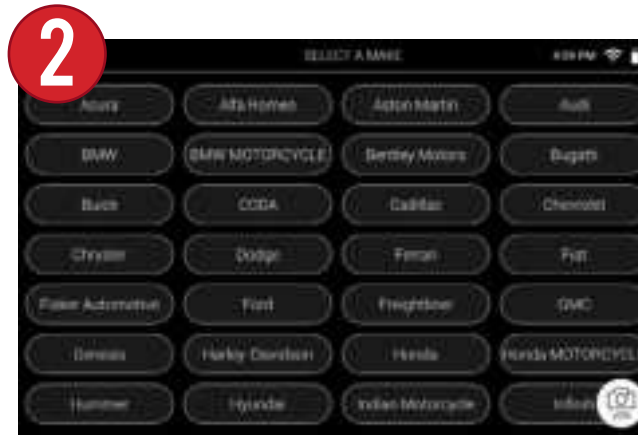
Renew Annual  
Subscription

## 5. SELECTING A VEHICLE

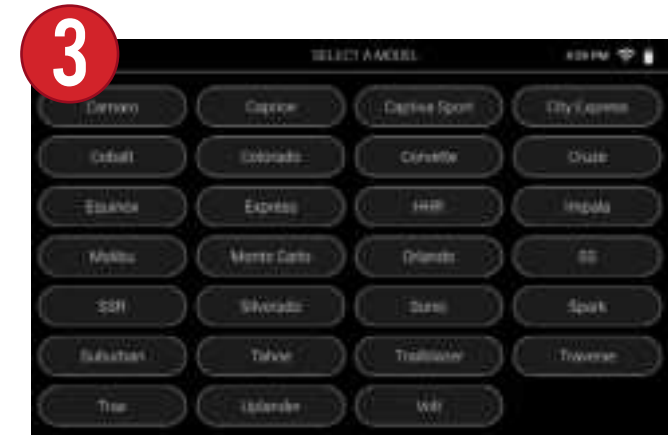
## 5.1 VIA MANUAL SELECTION



From the main menu of the tool,  
select “Vehicle Selection”



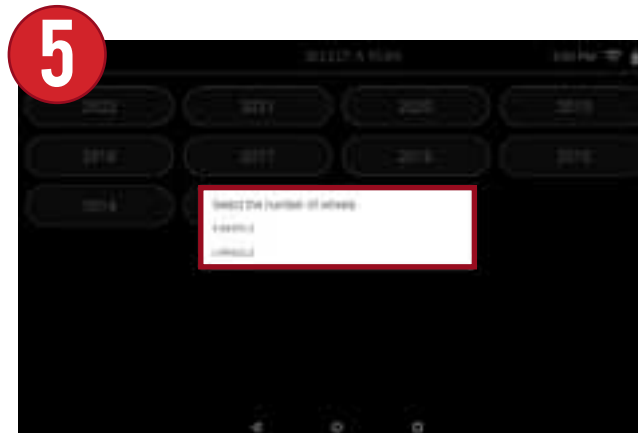
From the Vehicle Selection menu, select the vehicle's Make.



Then, select the Model.



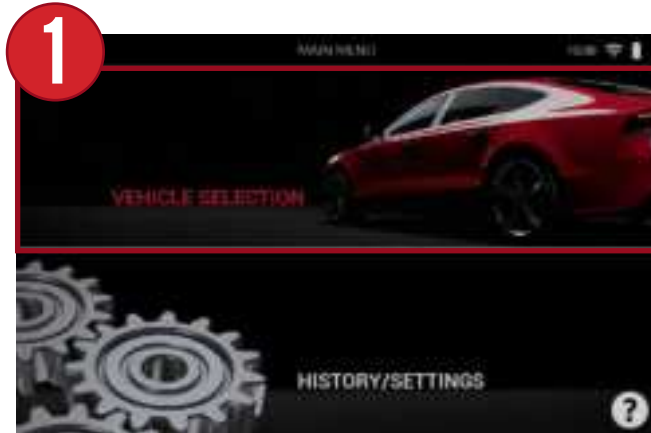
Then, select the year.



Lastly, select the number of wheels.



## 5.2 VIA VIN SCAN \*North America Only\*



From the main menu of the tool, select "Vehicle Selection"



From the Vehicle Selection menu, select the VIN icon at the bottom right of the screen.



The tool's back facing camera will turn on. Align the red bar with the vehicle's Barcode/QR Code.



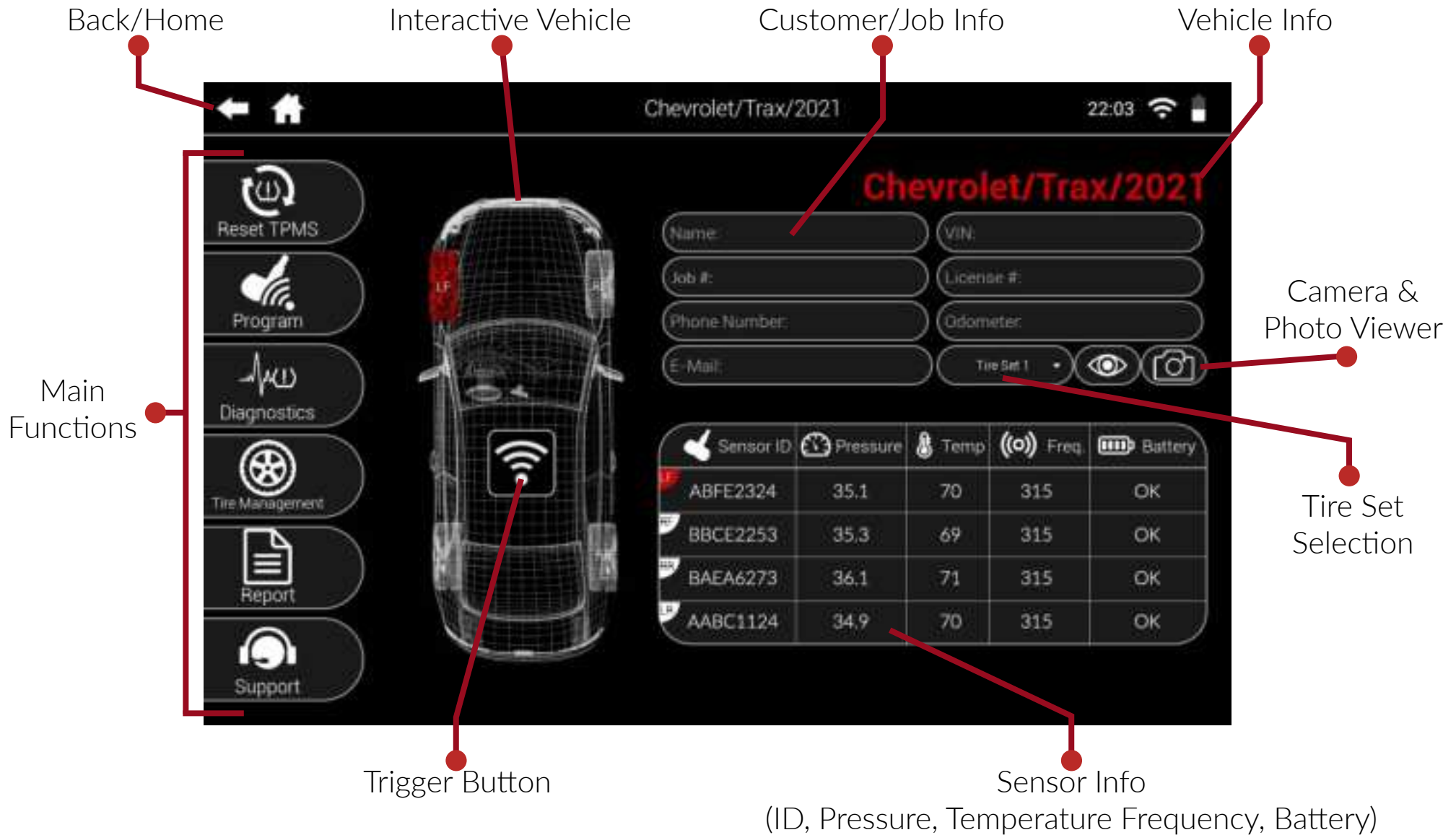
In low light situations, the Flash icon at the bottom right can be pressed to help illuminate the area.



The vehicle's Make, Model, and Year will be automatically selected. Lastly, select the number of wheels.

# 6. MAIN VEHICLE SCREEN

After selecting the vehicle's make, model, and year, the main vehicle screen will be displayed. This screen is a one stop shop for all of the functions on the tool.



# 7. RESET TPMS

Reset TPMS is used to perform both manual and OBDII relearns. By selecting Manual or OBDII, the tool will take you through the process step-by-step with instructions and visual aids. \*Note: Not all vehicles support both options.

## MANUAL



Manual relearns require the vehicle to be put into a “learn mode” by performing a series of steps. Once all steps have been completed, read all the sensors to complete the process.

## OBDII



OBDII relearns require the use of the included OBDII Quick Connect Cable to complete the process. Simply scan all of the sensors, plug the OBD cable in, and select Begin Procedure to transfer the information.

## 7.1 MANUAL RELEARN

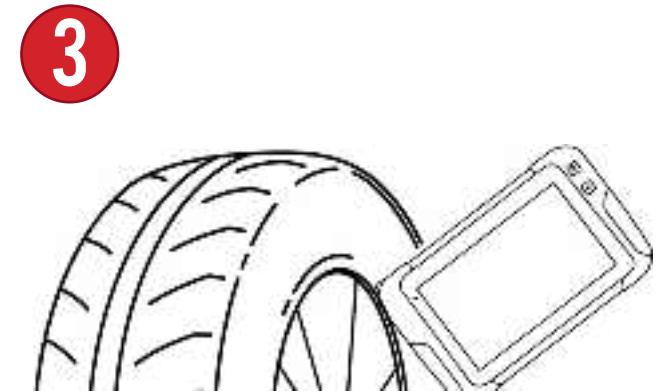
For many Makes and Models, the vehicle must be put into a “learn” mode before the sensors can be relearned. The tool provides instructions on how to perform these procedures. \*Note: Not all vehicle’s have Manual procedures and many procedures are different. Refer to the tool’s built-in instructions for each specific procedure.



From the Reset TPMS menu, select the Manual drop-down menu.



Follow the instructions to put the vehicle into learn mode. Once finished, select Begin Procedure.



Begin by triggering the first sensor mentioned in the instructions. The instructions can be returned to at any point.



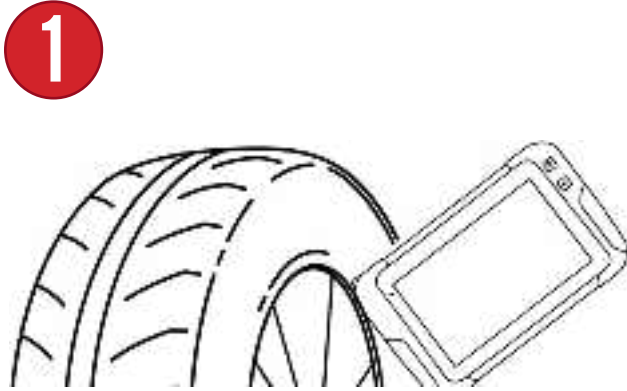
In most cases, the horn will honk once to indicate that the sensor has been successfully triggered. The sensor information will be displayed on-screen.



Continue by triggering the remaining sensors. Once complete, the horn will honk twice indicating the procedure is complete.

## 7.2 OBDII RELEARN

OBDII Relearns require use of the OBDII Quick Connect Cable and are performed by triggering each sensor, then connecting the cable to the tool/vehicle to complete the procedure. \*Note: Not all vehicle's have OBDII procedures and some procedures are different. Refer to the tool's built-in instructions for each specific procedure.



Begin by triggering the LF sensor on the vehicle.



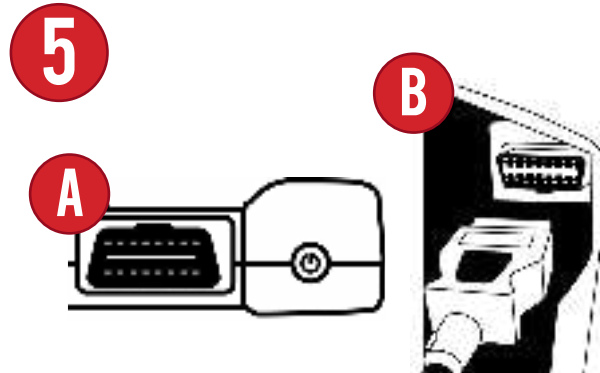
Continue by triggering the RF, RR, and LR sensors. \*For Honda/Acura: LR, RR, and RF.



Select the Reset TPMS menu and select the OBDII drop-down menu.



Select Begin Procedure. \*Note: If all sensors have not been triggered you will be taken back to the main vehicle screen to finish triggering.



Connect the OBDII Quick Connect Cable to the top of the tool, then into the vehicle and select Relearn.



After a few moments, all of the sensors will have been successfully relearned to the vehicle.



# 8.PROGRAM

Program is where all OEM and Aftermarket sensor functions are found. Program a vast array of aftermarket sensors in a variety of different ways, and even view OEM sensor and Service Kit information. All sensors include images and part numbers to help with identification. **\*Note: Not all aftermarket sensor brands share the same functions. This section will provide examples of each available function.**



Program Aftermarket Sensors

View vehicle-specific OEM sensor and service kit information

## 8.1 SELECTING AN AFTERMARKET SENSOR

The Program section has a dynamic two-sided menu that allows you to easily swap between sensors. In order to access the various programming functions, a sensor must first be selected.



First, select a sensor brand from the right hand side of the Program menu.



Depending on the sensor brand, a list of compatible sensors will be displayed. Select the sensor model you are working with and hit Program.



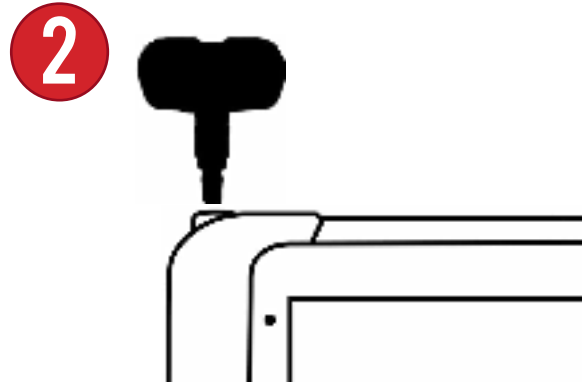
Once a sensor model is selected, you will now be able to select all the available programming functions.

## 8.2 CREATE

Create allows you to program a new ID to a blank aftermarket sensor. Sensor IDs can also be overwritten, if programmed again for a different vehicle or application.



First, select Create from the Program menu.



Place the sensor above the tool's antenna and select Program.



After a few moments the new sensor ID will be displayed and the sensor will be successfully programmed.

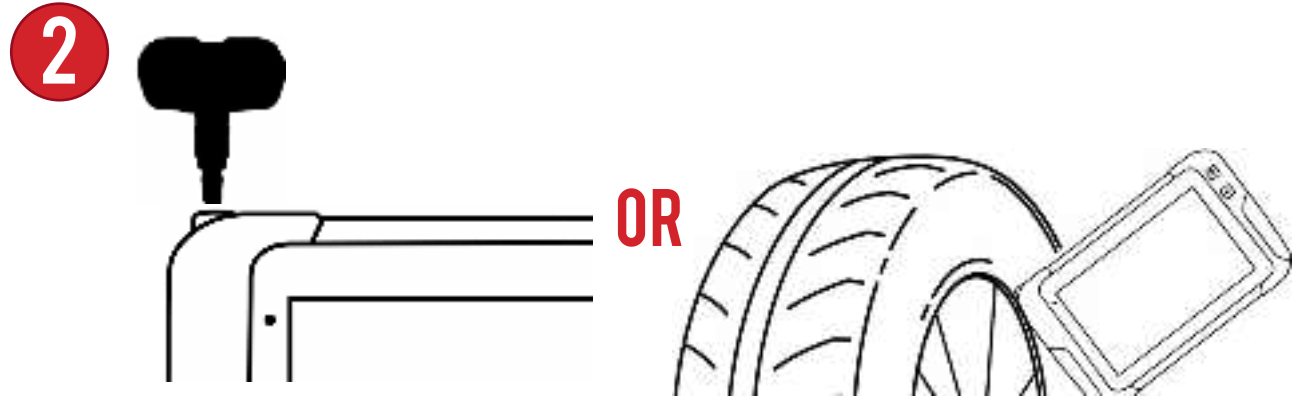


## 8.3 COPY

Copy allows you to copy the ID from an existing sensor, and paste it to a blank aftermarket sensor.



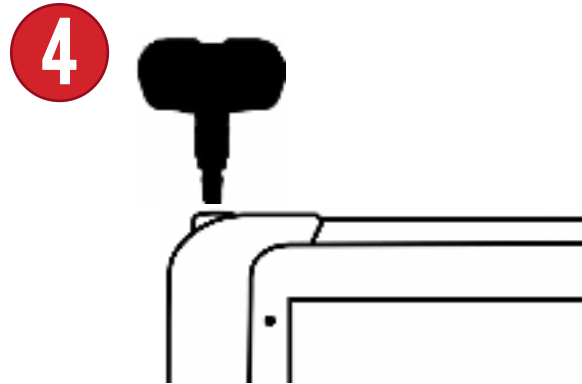
First, select Copy from the Program menu.



Place the original sensor above the tool's antenna and select Copy. You can also copy the sensor ID from the original sensor if it is still installed in the wheel.



The original sensor ID will be displayed. Select Program Copied ID.



Place the new sensor above the tool's antenna and select Program Copied ID. After a few moments the new sensor ID will be displayed and the sensor will be successfully programmed.

## 8.4 CREATE SET

Create Set allows you to program new IDs to 4 blank aftermarket sensors all on the same screen.



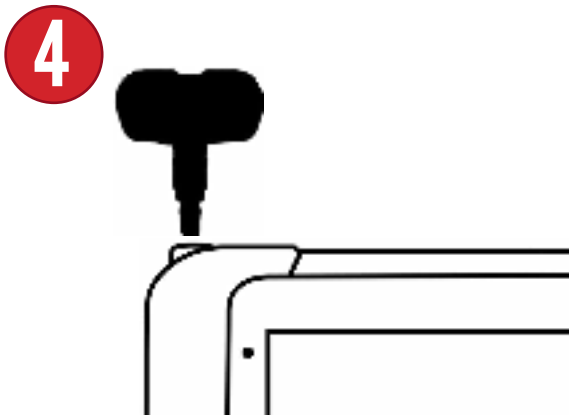
First, select Set from the Program menu.



Then, select Create Set.



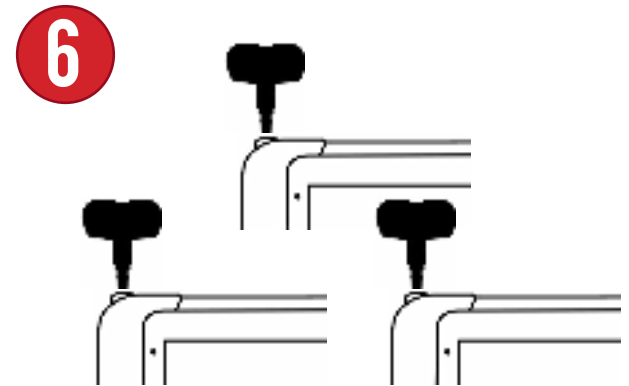
The tool will display a chart with 4 wheels and a program button for each.



Place the first sensor above the tool's antenna and press the program button.



After a few moments the sensor will be successfully programmed and the tool will display the sensor's ID.



Repeat step 4 for the remaining 3 sensors.

## 8.5 COPY SET

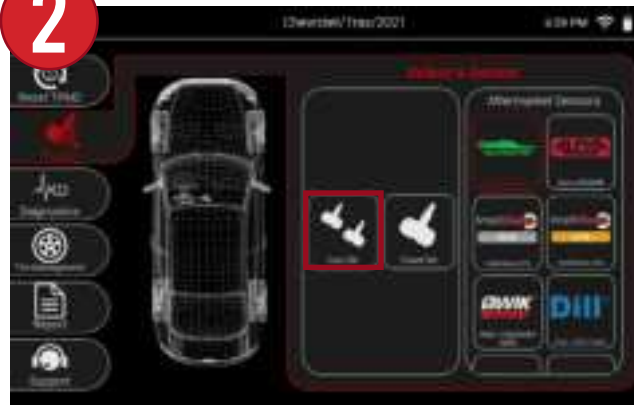
Copy Set allows you to copy the IDs from existing sensors, and program the IDs to 4 blank aftermarket sensors all on the same screen.

1



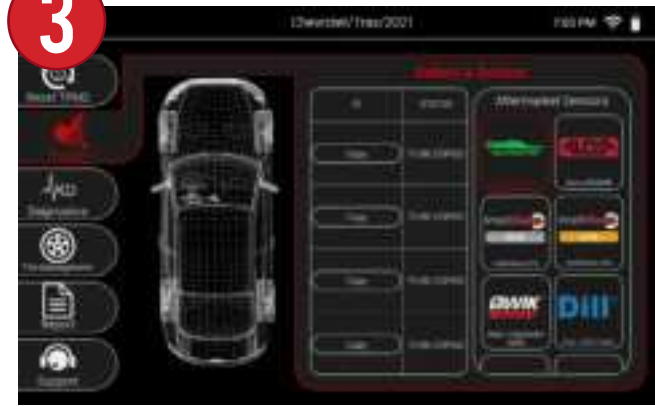
First, select Set from the Program menu.

2



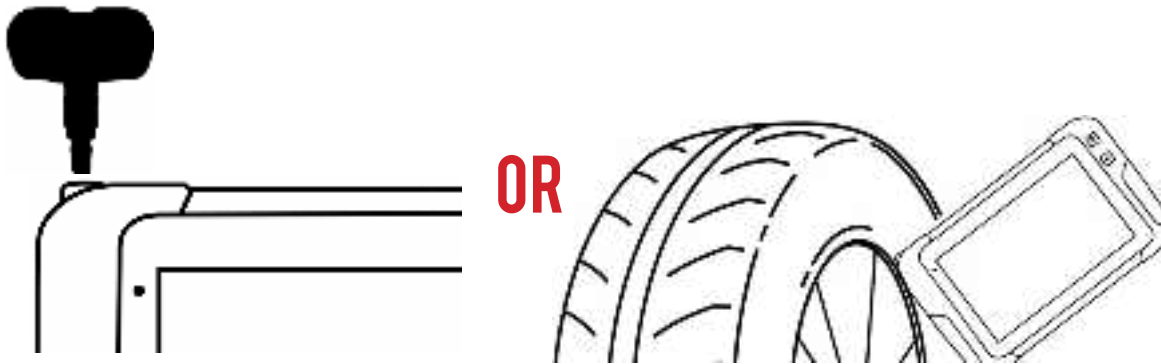
Then, select Copy Set.

3



The tool will display a chart with 4 wheels and a copy button for each.

4



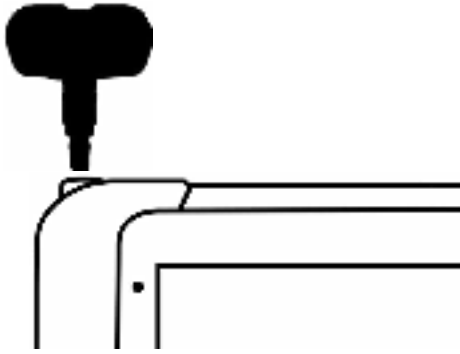
Place the original sensor above the tool's antenna and select Copy. You can also copy the sensor ID from the original sensor if it is still installed in the wheel.

5



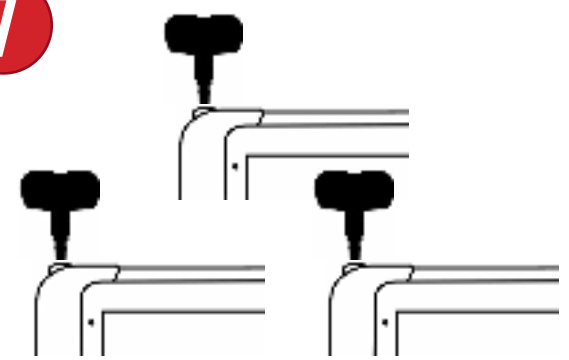
The copied sensor ID will be displayed. The TO BE COPIED column will now allow you to program a new sensor for that wheel.

6



Place the new sensor above the tool's antenna and select Program.  
After a few moments the new sensor will be successfully programmed.

7



Repeat steps 4-6 for the remaining 3 sensors.

## 8.6 MANUAL ID

Manual ID allows you to manually enter a sensor ID and program it to a blank aftermarket sensor. IDs can be entered in either Decimal (0-9) or Hexadecimal (A-F 0-9) formats.

1



First, select Manual ID from the Program menu.

2



Then, select either Decimal or Hexadecimal.

3



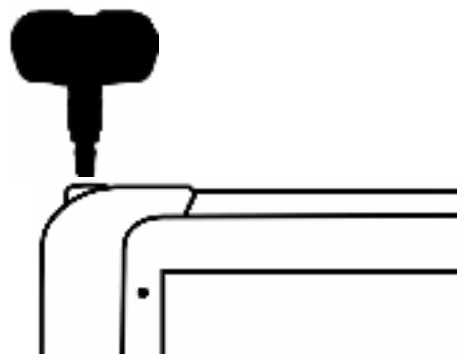
Select the ID entry area to begin entering a sensor ID.

4



Use the on-screen keyboard to enter a sensor ID. When finished, select the down arrow icon at the bottom of the screen to minimize the keyboard.

5



Place the sensor above the tool's antenna and press the Program button.

6



The sensor will be successfully programmed and the entered ID will be displayed.

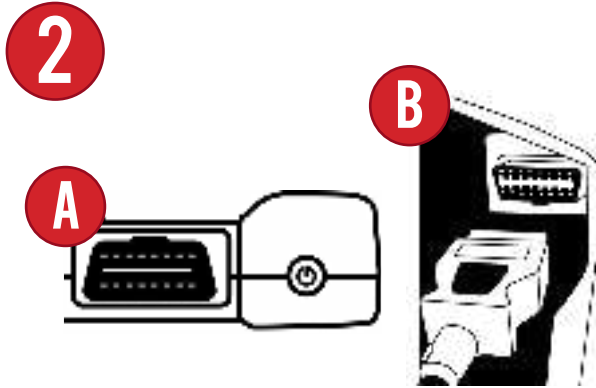


## 8.7 RETRIEVE ID

Retrieve ID allows you to retrieve the sensor IDs that are currently stored in the vehicle's ECU and program them to blank aftermarket sensors.



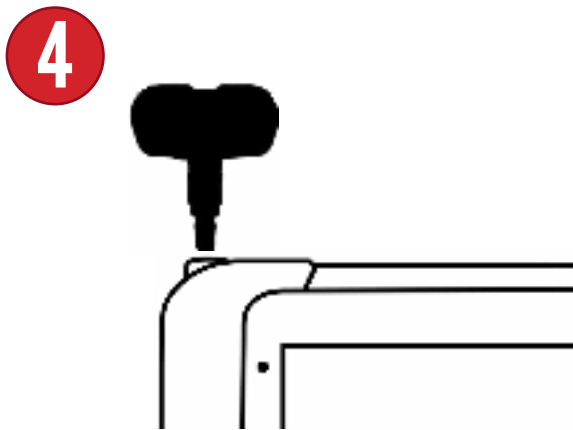
First, select Retrieve ID from the Program menu.



Then, connect the OBDII Quick Connect Cable into the tool and then into the vehicle. Once connected, select Retrieve IDs.



After a few moments, the tool will display a chart of the current sensor IDs stored in each wheel



Place the first sensor above the tool's antenna and press the Program button.



After a few moments, the sensor will be successfully programmed and will now have the same ID as the stored ID.

6 Repeat step 5 for the remaining 3 sensors.



# 9. DIAGNOSTICS

Within this menu are a multitude of TPMS and diagnostic functions. Read/Clear TPM DTCs, adjust placard values, troubleshoot sensor data, and much more.

## KEYFOB



Some manual relearns require use of the keyfob. Use this function to test fob signal strength

## TPMS DTCs



Read/Clear TPMS DTCs. Codes and descriptions are displayed.

## PLACARD ADJUSTMENT



Edit and write new placard values when changing tire types/sizes.

## TPMS ID MATCH



Read the TPMS sensor IDs on the vehicle and compare them to the IDs stored in the ECU to ensure that a relearn has been completed.

## RF DETECTION



Test for any RF interference when performing various scanning functions.

## TRAILER TPMS



Read and relearn trailer TPMS systems. Relearn instructions are displayed, as well as many axle and wheel configuration options.

## 9.1 KEYFOB

The Keyfob function allows you to test the signal strength of keyfobs. Many vehicles require use of its keyfob as a part of the relearn procedure, use this function to test if the fob is functioning properly.

1



First, select Keyfob from the Diagnostics menu.

2



Then, place the fob above the tool's antenna and press the lock or unlock button. The tool will display a graph showing the signal strength. If the graph remains at 0%, the fob's battery may be dead.



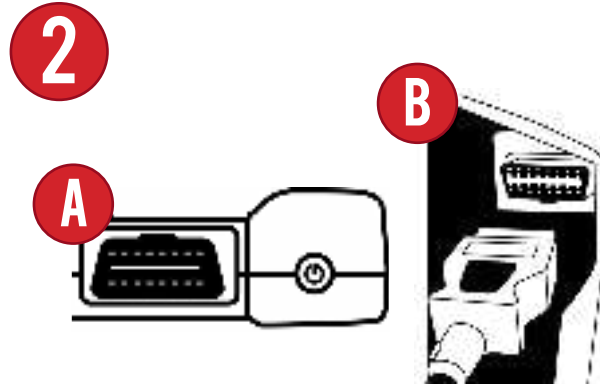


## 9.2 TPMS DTCS

The TPMS DTCs functions can scan for any potential TPMS related diagnostic trouble codes in the vehicle.



First, select TPMS DTCs from the Diagnostics menu.



Then, connect the OBDII Quick Connect Cable into the tool and then into the vehicle.



Once connected, select Retrieve DTCs.



The tool will retrieve any codes within the vehicle and will display the vehicle-specific code, as well as a description.



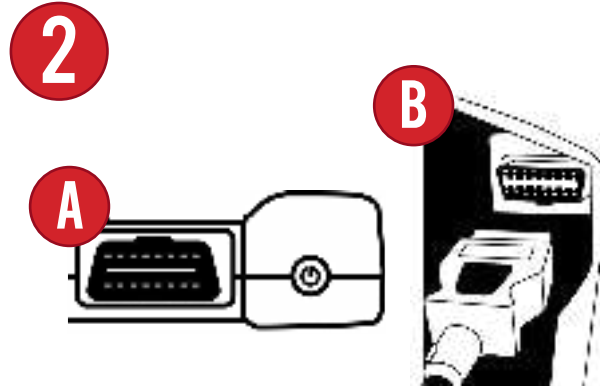
If applicable, you can select the Clear DTCs button to clear the codes.

## 9.3 PLACARD ADJUSTMENT

When changing tire sizes or load types, the Placard Adjustment function can be used to edit the internal placard values. This will ensure that the TPMS light will come on at the correct PSI.



First, select Placard Adjustment from the Diagnostics menu.



Then, connect the OBDII Quick Connect Cable into the tool and then into the vehicle. Once connected, select Read Placard.



**IMPORTANT:** Be sure to read the disclaimer about changing placard values to their appropriate values. When finished, select OK



The tool will display the current placard values stored for each axle.



Selecting the drop down menu for each axle will reveal a list of values. Scroll through the list and select the desired value.

6



When finished selecting each axles new value, select Write Values.

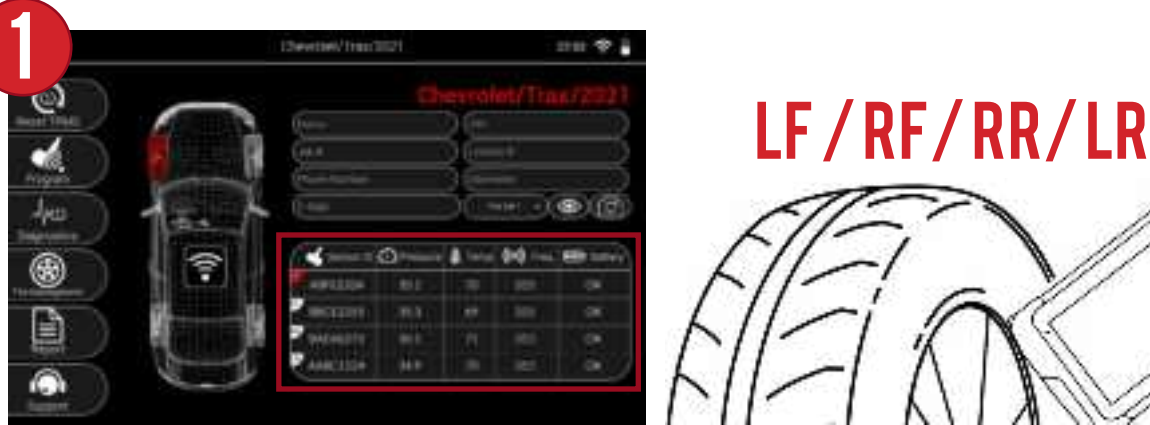
7



After a few moments, the tool will display "OBD Write Done" and the new placard values will be stored in the vehicle.

## 9.4 TPMS ID MATCH

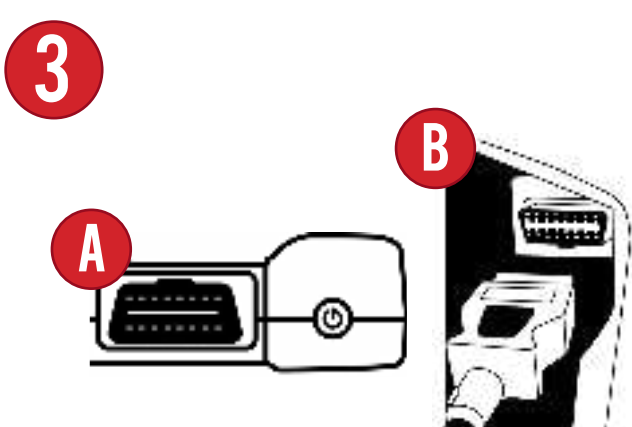
In some cases when changing tires a relearn may not have been performed correctly, a sensor not programmed properly, or sensors were replaced in the incorrect positions. The TPMS ID Match function allows you to scan the current sensors, then hook up to the vehicle and compare the IDs with the ones stored in the ECU.



First, ensure that all sensors on the vehicle have been properly scanned.



Then, from the Diagnostics menu select TPMS ID Match.



Then, connect the OBDII Quick Connect Cable into the tool and then into the vehicle. Once connected, select Retrieve IDs.



The tool will display a chart with the scanned IDs, as well as the ones stored in the vehicle. If all sensors are Green, you are good to go and no further action is required. If any of the sensors are Red, that means a relearn needs to be performed and you can select the Relearn button to automatically take you to the Relearn function.

## 9.5 RF DETECTION

In areas with certain electronics RF interference can occur. This will affect the tool's ability to properly scan sensors. The RF Detection function can detect any interference and indicate if the tool needs to be moved to a different area or if electronics need to be moved away from the tool.



First, select RF Detection from the Diagnostics menu.



The tool will display a graph and if any interference is detected the graph will show the strength via percentage.

## 9.6 TRAILER TPMS

Some vehicles offer the ability to scan trailer TPMS sensors, as well as view their relearn procedures. The Trailer TPMS function can be used to select specific axle/wheel configurations and perform trailer relearns.

1



First, select Trailer TPMS from the Diagnostics menu.

2



Then, select the year.

3



Then, select the number of axles, and wheels on each axle.

4



The vehicle display will now change to the custom trailer display. Also displayed is a table for each sensor, as well as the relearn instructions beneath.

5



Following the relearn instructions, put the trailer into its learn mode and begin scanning each sensor on the trailer.