

AUTEL TS508 QuickStart Guide



Quick Mode

BASIC FUNCTIONS

EASY & FAST

- Activate All Known TPMS Sensors
- Read Sensor ID, Temperature, Pressure
- Read Sensor Battery Condition
- On-Tool OE Sensor Information
- Program MX-Sensor With 3 Programming Options
- Batch Program 1-16 MX-Sensors

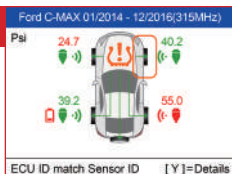


Advanced Mode

COMPLETE FUNCTIONS

POWERFUL

- Same TPMS Features as Quick Mode
- TPMS Status Screen - View System Faults
- Read & Clear TPMS DTCs
- On-Tool DTCs Description
- Program MX-Sensors by Copying ECU Sensor IDs
- On-Tool Relearn Procedure Guide
- Widest Vehicle Coverage For OBD Relearn
- Tire Pressure Placard Value Reset



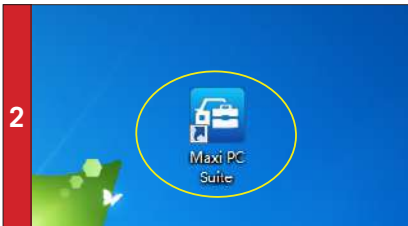
AUTEL TS508 Registration & Update

Remember to check monthly for latest software updates.

Please Note: Updates are performed via a computer with Internet access.



- Go to www.maxiprns.com. Click on Support and select Registration & Update. Click "Maxi PC Suite" to download the application;



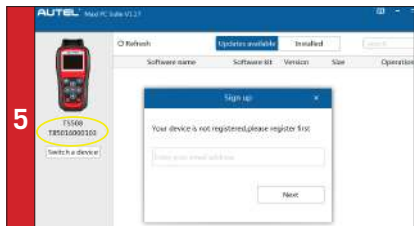
- Unzip and Install Maxi PC Suite. Once installed, the Maxi PC Suite shortcut displays on the desktop. Double-click on the Maxi-PC Suite icon and the application will launch.



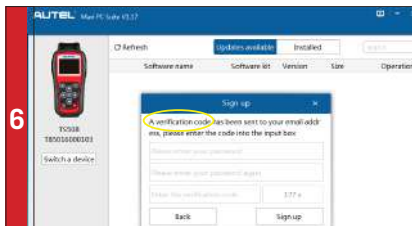
- Use the USB cable to connect the TS508 to the computer. Select My Device on the tool. Press Y button.



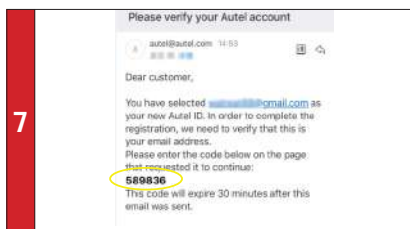
- Select Update. Press Y button to place the tool in Update Mode.



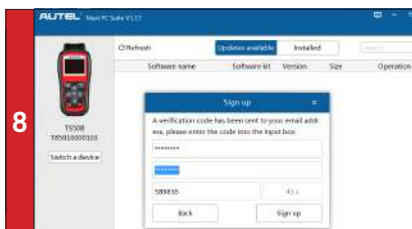
- 5
- The application will scan the tool serial number. A message will display if the tool is not registered. Fill in your email address as the Autel Account to register the tool. If the tool is already registered, go to Step 9.



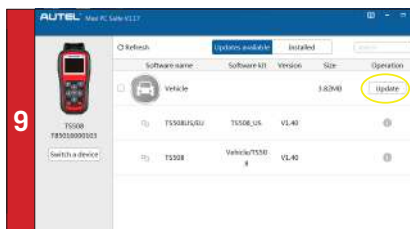
- 6
- A verification code will be sent to your email address. (If your email address has been signed up before, just fill in your Autel ID password.)



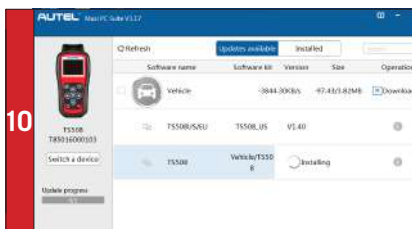
- 7
- Come to your email box. Find the verification code from your email.



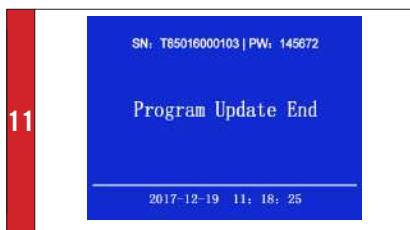
- 8
- Enter the verification code. Create and input a Password in the space provided, click the Sign Up button. Your tool has now been registered with your email address as Your Autel Account.



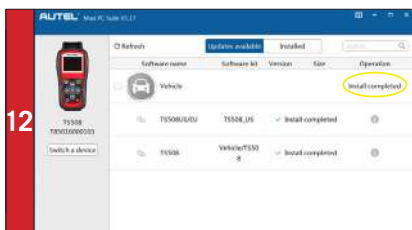
- 9
- The application will display a listing of available updates. Click Update button to initiate download.



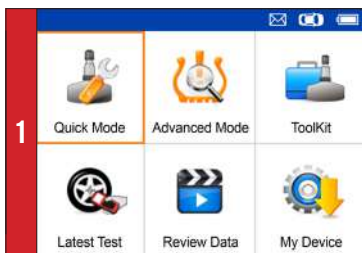
- 10
- Wait for the updates to complete. The update process can be monitored on the display.



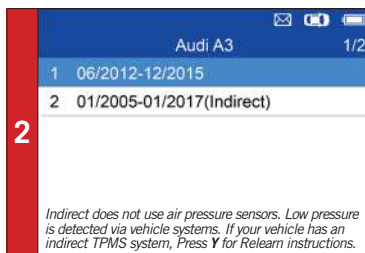
- 11
- Downloaded software will overwrite and replace existing software on tool. The message "Program Update End" will display on tool once completed.



- 12
- When the application displays "Install Completed," you may disconnect USB cable from PC and Tool. Your tool is ready to use.

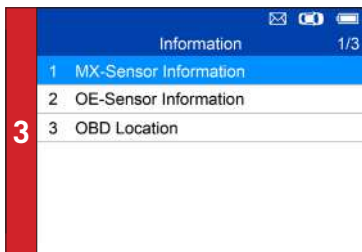


- On Main Menu select **Quick Mode**

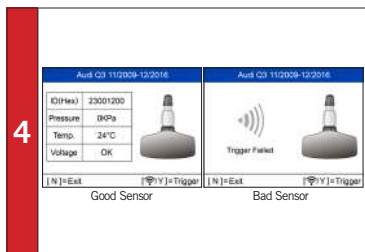


Indirect does not use air pressure sensors. Low pressure is detected via vehicle systems. If your vehicle has an indirect TPMS system, Press Y for Relearn instructions.

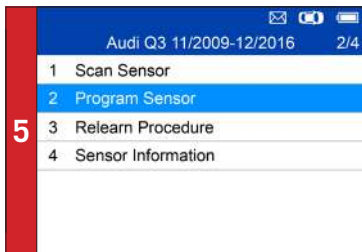
- Select vehicle **Make, Model, and Year**



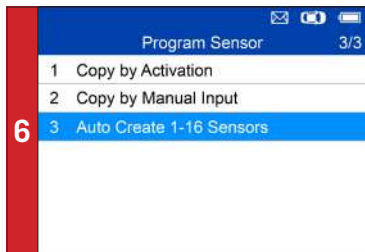
- Select **Scan Sensor**
- Place tool close to the sensor



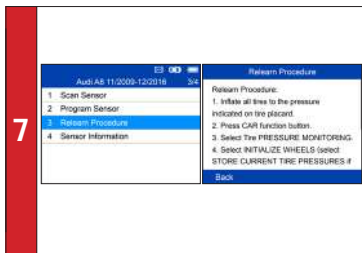
- If sensor is good (shown left) ID and pressure will display.
- If sensor is bad (shown right) on tool, press **N** to return to Main Menu, and continue to Step 6



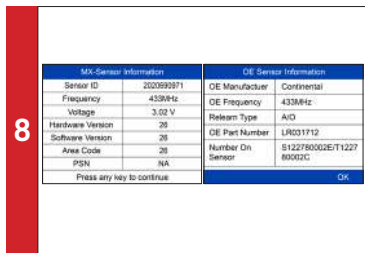
- Select **Program Sensor**: program AUTEL MX-Sensor



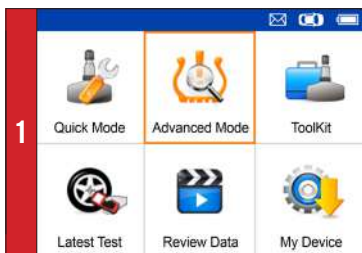
- Three ways to program MX-Sensors: **Copy by Activation, Copy by Manual Input, Auto Create 1-16 Sensors.**
- (Refer to **Sensor Programming Quick Guide**)



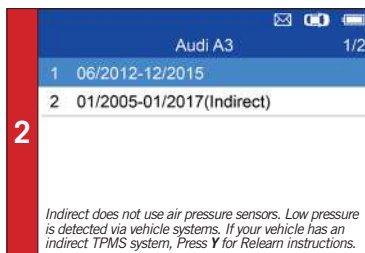
- Select **Relearn Procedure**: on-tool relearn procedure guide



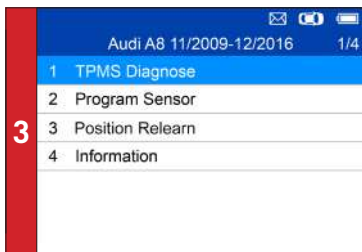
- Select **Sensor information**: MX-sensor information & OE sensor information



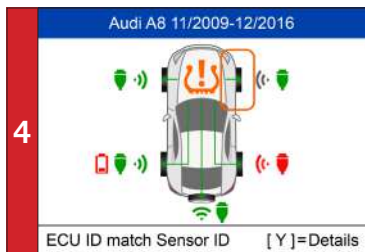
- On main menu, select **Advanced Mode**



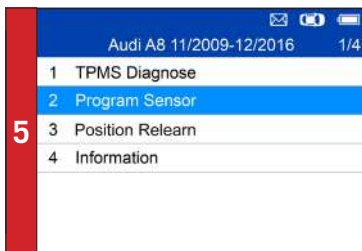
- Select vehicle **Make, Model, and Year**



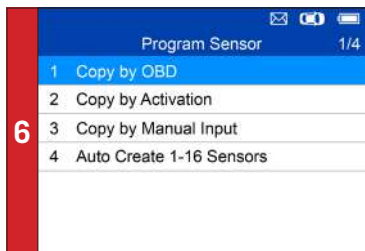
- Select **TPMS Diagnose**: complete TPMS system health check



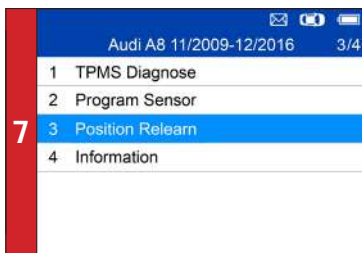
- Read sensor ID from ECU, check sensor ID matching condition, read DTCs from TPMS ECU and clear DTCs
- (Refer to **TPMS Diagnose Quick Guide**)



- Select **Program Sensor**: program AUTEL MX-Sensor



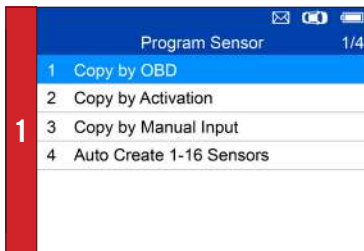
- Four ways to program MX-Sensors: Copy by Activation, Copy by OBD, Copy by Manual Input, Auto Create 1-16 Sensors.
- (Refer to **Sensor Programming Quick Guide**)



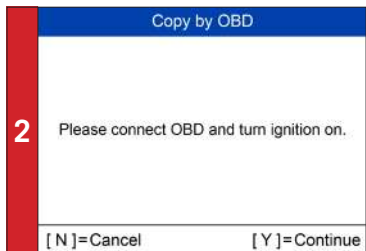
- Select **Position Relearn**: on-tool relearn procedure guide & wide OBD relearn coverage



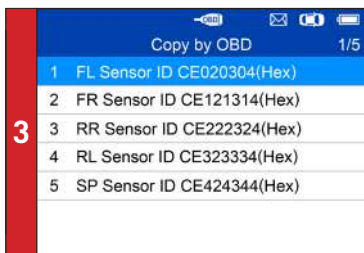
- Three ways for Position Relearn: Stationary Relearn, Automatic Relearn, OBD Relearn.
- (Refer to **Position Relearn Quick Guide**)



- Select **Copy by OBD**



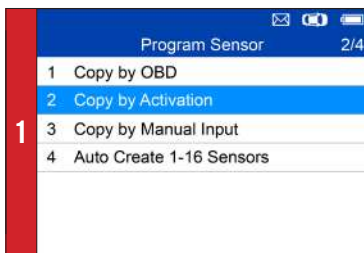
- Connect tool to vehicle via OBD II cable, turn ignition on
- Press **Y** to continue



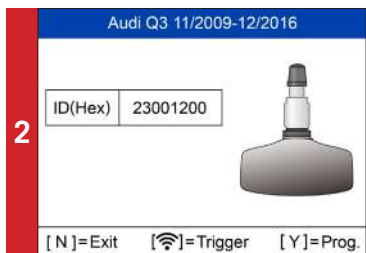
- Place one MX-Sensor near the top of the tool
- Select tire location and ID to be copied and press **Y** to program the new MX-Sensor



- Sensor programmed.
- MX-sensor ID is copied from the sensor ID stored in ECU.



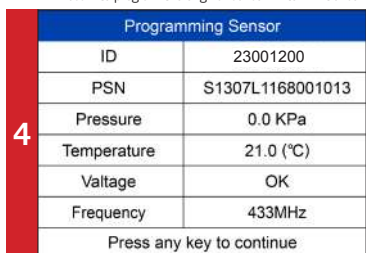
- Select **Copy by Activation**
- Place the tool near the sensor to be copied



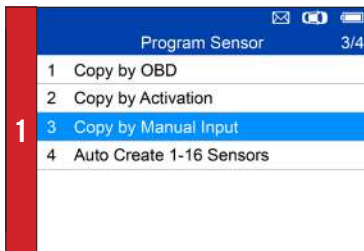
- Trigger successful.
- Press **Y** to program the original sensor ID to MX-Sensor



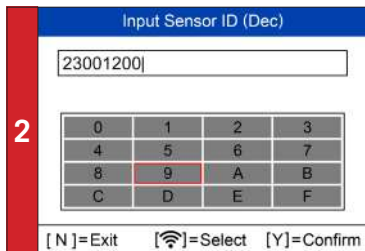
- Place a new MX-Sensor near the top of the device to program



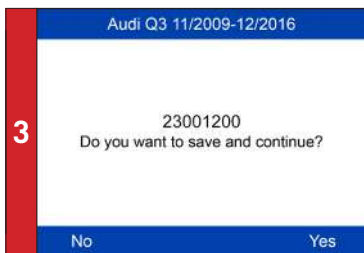
- Sensor programmed.
- MX-sensor ID is copied from the activated sensor ID.



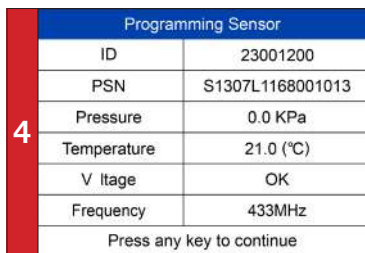
- Select **Copy by Manual Input**



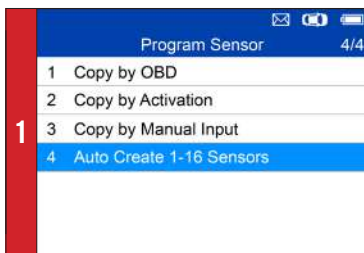
- Enter the original sensor ID in the field



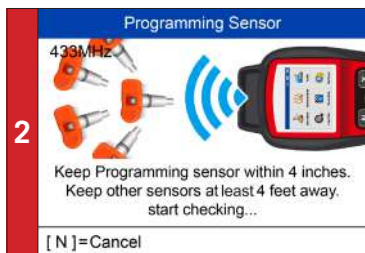
- Place a new MX-Sensor near the top of the device
- Press Y to save and program



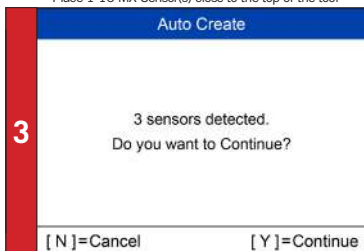
- Sensor programmed.
- The original sensor ID is copied to the new MX-Sensor.



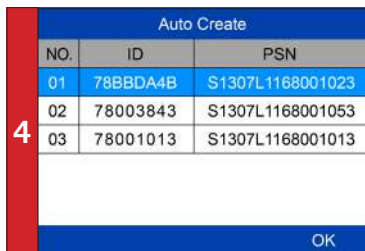
- Select **Auto Create 1-16 Sensors**
- Place 1-16 MX-Sensor(s) close to the top of the tool



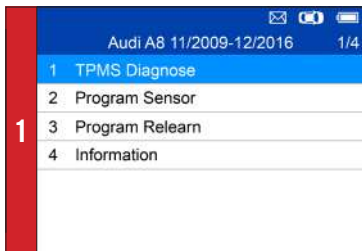
- The tool will automatically detect the sensors near the tool.



- Press Y to program



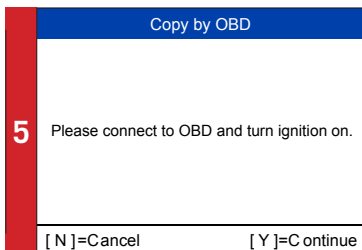
- Sensor programmed.



- Select **Advanced Mode**
- Select vehicle **Make, Model, and Year**
- Select **TPMS Diagnose**



- Different sensor activation results will display.



- When all the sensors (4 or 5 wheels) have been triggered, OBD connection option will display (when available).
- Connect OBD cable to the vehicle and press Y to continue
- The tool will automatically read sensor IDs and DTCs from ECU.

7

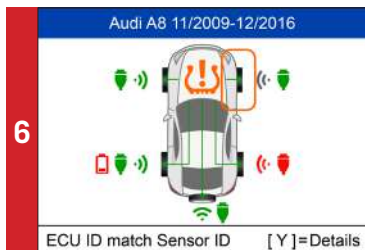
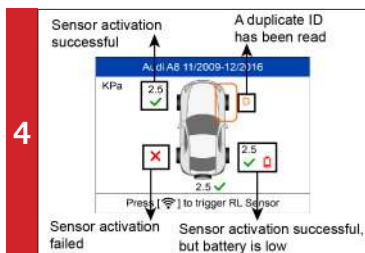
TPMS Status		1/2	
Pos.	ID(Hex)		
FL		CE020304	CE020304
FR		CE424344	CE424344
RR		CE121315	CE121314
RL		CE222324	CE222324
SP		CE323344	CE323344

[N]=Exit [->]=PgUp/PgDn

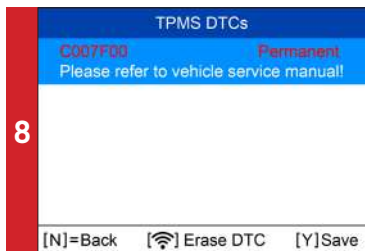
- Press Y to view details
- TPMS Status details will display, including: activated sensor IDs, ECU sensor IDs, pressure, temperature, *sensor battery*



- Hold the tool close to the tire sidewall right above the sensor.
- Press **Trigger** to activate the sensor
- *Sensor ID, temperature and pressure will display.*



- *Green signal and OBD icons: the ECU ID matches Sensor ID.*
- *Red signal and OBD icons: the ECU ID does not match Sensor ID.*
- *Red battery icon: low sensor battery / Amber TPMS icon: DTCs present in the ECU.*



- *Amber TPMS icon: DTCs present in the ECU.*
- Select TPMS icon and press Y to view DTCs
- Press Trigger to erase DTC

Relearn Procedure

Relearn Procedure:

1. Turn ignition to ACC position.
2. Press and hold unlock and lock buttons on the keyless entry transmitter until horn sounds and LF tire signal is illuminated. Or using the DIC, press and release INFO

OK

- Select **Position Relearn**
- Read the Relearn Procedure and press Y to continue

Buick Park Avenue 01/1997-12/2005



2

Press [] to trigger FL Sensor

- Activate all sensors mounted on the vehicle
- Follow the Relearn Procedure to perform Relearn

Buick Park Avenue 01/1997-12/2005 3/4

- 1 TPMS Diagnose
- 2 Program Sensor
- 3 **Position Relearn**
- 4 Information

OK

- Select **Position Relearn**

Relearn Procedure

Relearn Procedure:

Reset the system after each adjustment of the tire inflation pressure and after every tire or wheel change. Parking the car for more than 20 minutes.

On the Control Display and on the vehicle:

OK

- Follow the Relearn Procedure to perform Relearn

Relearn Procedure

Installation:

1. Properly install tire pressure sensors.
2. Ensure all tires are inflated to the pressure listed on the tire placard. (located in the door jam of your vehicle)

Automatic Relearn Procedure:

1. Let vehicle sit for 20 minutes. Drive

OK

- Read the Relearn Procedure carefully

Audi A8 11/2009-12/2016

KPa



2

ID: CE020304 Temp: 26.0 °C

- Activate all sensors mounted on the vehicle

OBD Relearn

3

Please connect OBD and turn ignition on.

[N] = Cancel [Y] = Continue

- Connect the tool to vehicle via OBDII cable and turn ignition on
- Press Y to continue

OBD Relearn

4

OBD Relearn Successful.

- OBD Relearn will process automatically.
- OBD Relearn Successful.