TS508 QuickStart Guide

**BASIC FUNCTIONS**

**EASY & FAST**
- Quick Mode
- 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

**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

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

1. Go to www.maxitpms.com. Click on Support and select Registration & Update. Click “Maxi PC Suite” to download the application;

2. 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.

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

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

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.)

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

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.

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

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

Downloaded software will overwrite and replace existing software on tool. The message “Program Update End” will display on tool once completed.

When the application displays “Install Completed,” you may disconnect USB cable from PC and Tool. Your tool is ready to use.
**Autel TS508 QuickStart Guide: Quick Mode Basic TPMS Function**

1. **Quick Mode**
   - On Main Menu select Quick Mode

2. **Scan Sensor**
   - Place tool close to the sensor

3. **MX-Sensor Information**
   - Select Scan Sensor
   - Place tool close to the sensor

4. **MX-Sensor Information**
   - 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

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

6. **Program 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)

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

8. **Sensor Information**
   - Select Sensor Information: MX-sensor information & OE sensor information
1. On main menu, select **Advanced Mode**

2. Select vehicle **Make**, **Model**, and **Year**

3. Select **TPMS Diagnose**: complete TPMS system health check

4. ECU ID match Sensor ID [Y]=Details

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

6. - 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**)

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

   - (Refer to **Position Relearn Quick Guide**)

**AUTOMOTIVE INTELLIGENCE QuickStart Guide: Advance Mode**

**Complete TPMS Function**

- 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.
QuickStart Guide: MX-Sensor Programming

Advance Mode: Copy by OBD

1. Select **Copy by OBD**

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

3. 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

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

Advance Mode: Copy by Activation

1. Select **Copy by Activation**

2. Press **Y** to continue

3. Keep Programming sensor within 4 inches. Keep other sensors at least 4 feet away start checking...

   - MX-sensor ID is copied from the activated sensor ID.
QuickStart Guide: MX-Sensor Programming

Advance Mode: Copy by Manual Input

1. Copy by OBD
2. Copy by Activation
3. **Copy by Manual Input**
4. Auto Create 1-16 Sensors

Select **Copy by Manual Input**

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**Audi Q3 11/2009-12/2016**

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

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**Input Sensor ID (Dec)**

- Enter the original sensor ID in the field

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**Programming Sensor**

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

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QuickStart Guide: MX-Sensor Programming

Advance Mode: Copy by AutoCreate 1-16 Sensors

1. Copy by OBD
2. Copy by Activation
3. **Copy by Manual Input**
4. **Auto Create 1-16 Sensors**

Select **Auto Create 1-16 Sensors**

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**Auto Create**

- Place 1-16 MX-Sensor(s) close to the top of the tool

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**Programming Sensor**

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

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**Auto Create**

- Sensor programmed.
Autoel TS508 QuickStart Guide: TPMS Diagnose

1 TPMS Diagnose
2 Program Sensor
3 Program Relearn
4 Information

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

KPa

Press [ ] to trigger FL Sensor

Press [ ] to trigger RL Sensor

- Different sensor activation results will display.

Copy by OBD

Please connect to OBD and turn ignition on.

[ N ]=Cancel [ Y ]=Continue

- 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
- Tool will automatically read sensor IDs and DTCs from ECU.

TPMS Status

<table>
<thead>
<tr>
<th>Pos.</th>
<th>ID (Hex)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL</td>
<td>CE020304</td>
</tr>
<tr>
<td>FR</td>
<td>CE424344</td>
</tr>
<tr>
<td>RR</td>
<td>CE121315</td>
</tr>
<tr>
<td>RL</td>
<td>CE222324</td>
</tr>
<tr>
<td>SP</td>
<td>CE323344</td>
</tr>
</tbody>
</table>

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

TPMS DTCs

C007F00 Permanent Please refer to vehicle service manual!

[ N ]=Back [ ] Erase DTC [ Y ]=Save

- Amber TPMS icon: DTCs present in the ECU.
- Select TPMS icon and press Y to view DTCs
- Press Trigger to erase DTC
1. Select Position Relearn
2. Read the Relearn Procedure and press Y to continue

3. Activate all sensors mounted on the vehicle
4. Follow the Relearn Procedure to perform Relearn

1. TPMS Diagnose
2. Program Sensor
3. Position Relearn
4. Information

1. Press [ ] to trigger FL Sensor
2. Activate all sensors mounted on the vehicle
3. Follow the Relearn Procedure to perform Relearn

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)

1. Let vehicle sit for 20 minutes. Drive
2. Check tire pressure

1. Connect the tool to vehicle via OBDII cable and turn ignition on.
2. Press Y to continue