AUTEL® TS508 QuickStart Guide

BASIC FUNCTIONS

Quick Mode

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

MX-Sensor Information

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

[N] = Cancel
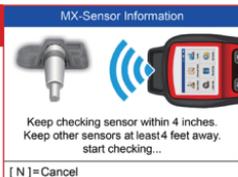
COMPLETE FUNCTIONS

Advanced Mode

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

Ford C-MAX 01/2014 - 12/2016(315MHz)

Psi   24.7   40.2

        39.2   55.0

ECU ID match Sensor ID   [Y] = Details
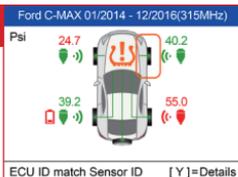
AUTEL® TS508 | Registration & Update | Remember to check monthly for latest software updates.

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

1
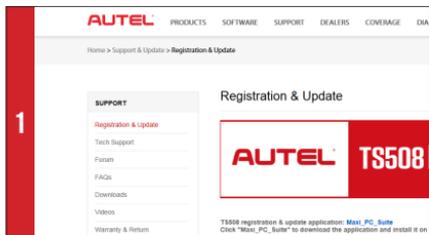
• Go to www.maxitpms.com. Click on Support and select Registration & Update. Click "Maxi PC Suite" to download the application;
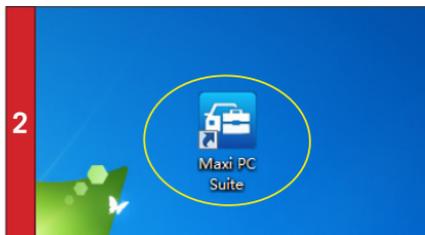
2

• 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

Quick Mode   Advanced Mode   ToolKit

Latest Test   Review Data   My Device
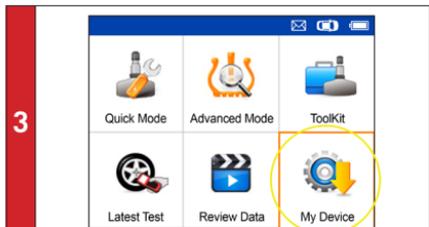
• Use the USB cable to connect the TS508 to the computer. Select My Device on the tool. Press Y button.

4

SN: T85016000103 | PW: 145672

Update Mode

V1.03

2017-12-19 11: 18: 25

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

AUTEL® TS508 | Registration & Update | Remember to check monthly for latest software updates.
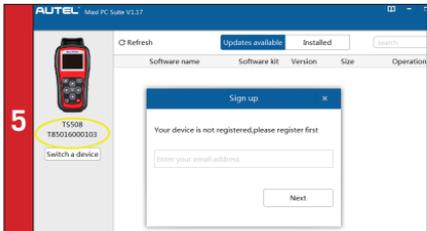
5 • The application will scan the tool serial number. A message will display if the tool is not registered. Fill in your email address as the Autel Account to register the tool. If the tool is already registered, go to Step 9.
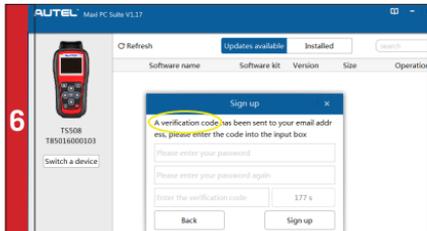
6 • A verification code will be sent to your email address.(If your email address has been signed up before, just fill in your Autel ID password.)
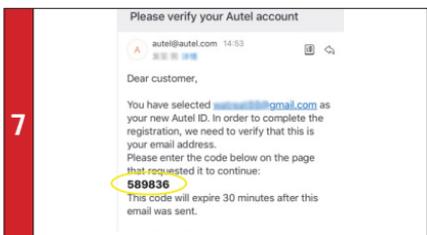
7 • Come to your email box. Find the verification code from your email.
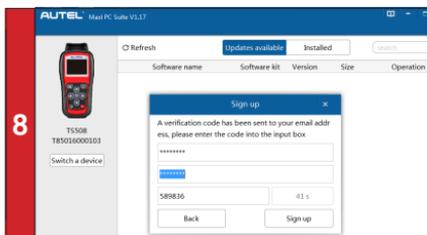
8 • Enter the verification code. Create and input a Password in the space provided, click the Sign Up button. Your tool has now been registered with your email address as Your Autel Account.
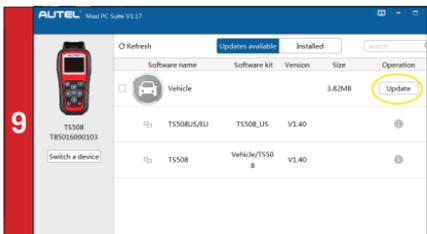
9 • The application will display a listing of available updates. Click Update button to initiate download.
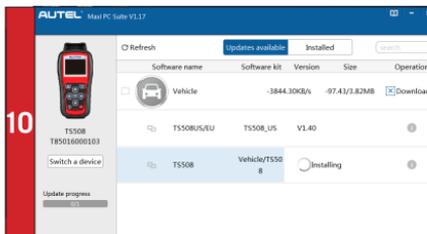
10 • Wait for the updates to complete. The update process can be monitored on the display.
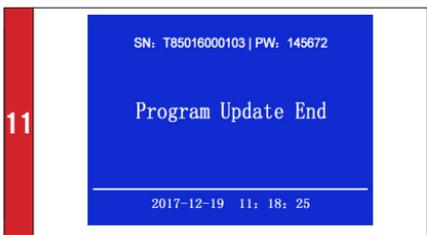
11 • Downloaded software will overwrite and replace existing software on tool. The message "Program Update End" will display on tool once completed.
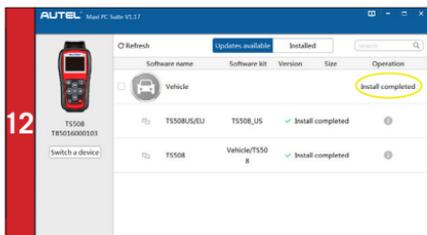
12 • When the application displays "Install Completed," you may disconnect USB cable from PC and Tool. Your tool is ready to use.

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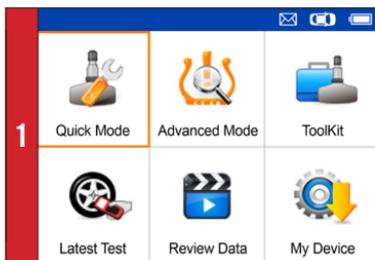
- On Main Menu select **Quick Mode**

2

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**

3

Information	1/3
1	MX-Sensor Information
2	OE-Sensor Information
3	OBD Location
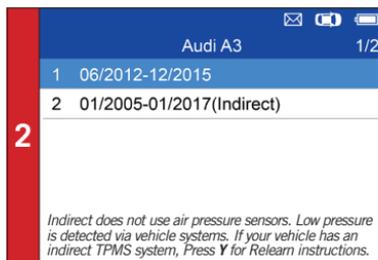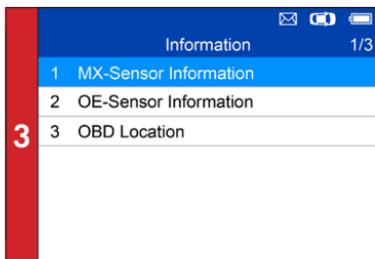
- Select **Scan Sensor**
- Place tool close to the sensor

4

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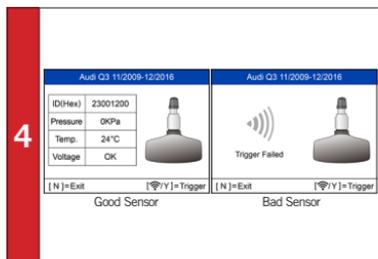
- *If sensor is good (shown left) ID and pressure will display.*
- If sensor is bad (shown right) on tool, press **N** to return to Main Menu, and continue to Step 6

5

Audi Q3 11/2009-12/2016	2/4
1	Scan Sensor
2	Program Sensor
3	Relearn Procedure
4	Sensor Information

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

6

Program Sensor	3/3
1	Copy by Activation
2	Copy by Manual Input
3	Auto Create 1-16 Sensors
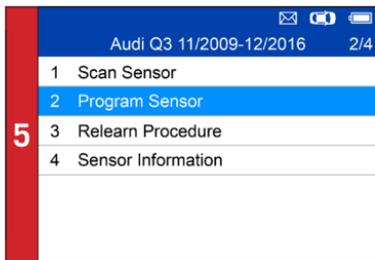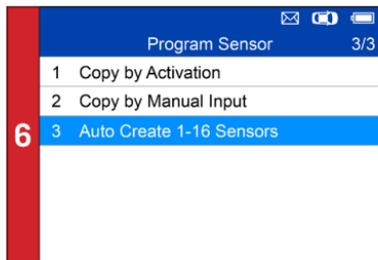
- *Three ways to program MX-Sensors: Copy by Activation, Copy by Manual Input, Auto Create 1-16 Sensors.*
- *(Refer to **Sensor Programming Quick Guide**)*

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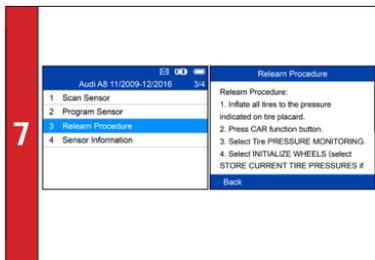
- Select **Relearn Procedure**: on-tool relearn procedure guide

8
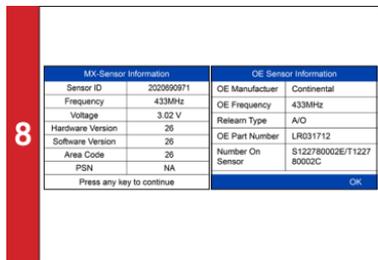
- Select **Sensor information**: MX-sensor information & OE sensor information

1
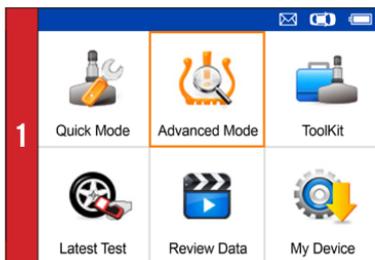
- On main menu, select **Advanced Mode**

2

Audi A3   1/2

| 1 | 06/2012-12/2015 |
| 2 | 01/2005-01/2017(Indirect) |

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**

3

Audi A8 11/2009-12/2016   1/4

1	TPMS Diagnose
2	Program Sensor
3	Position Relearn
4	Information
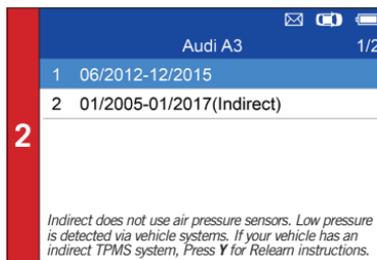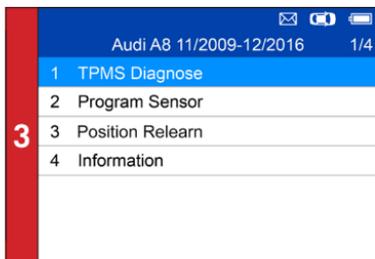
- Select **TPMS Diagnose**: complete TPMS system health check

4

Audi A8 11/2009-12/2016

ECU ID match Sensor ID   [Y]=Details
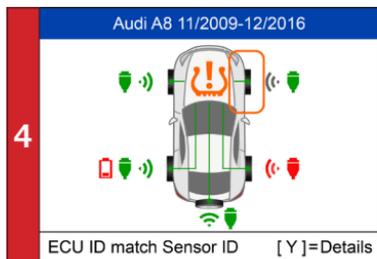
- Read sensor ID from ECU, check sensor ID matching condition, read DTCs from TPMS ECU and clear DTCs
- (Refer to **TPMS Diagnose Quick Guide**)

5

Audi A8 11/2009-12/2016   1/4

1	TPMS Diagnose
2	Program Sensor
3	Position Relearn
4	Information

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

6

Program Sensor   1/4

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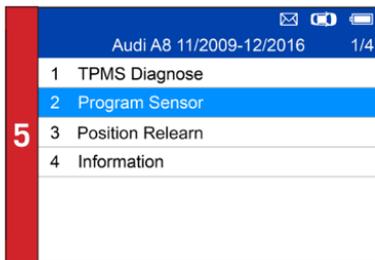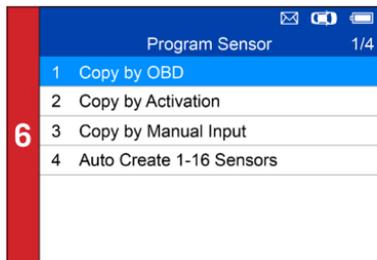
- *Four ways to program MX-Sensors: Copy by Activation, Copy by OBD, Copy by Manual Input, Auto Create 1-16 Sensors.*
- *(Refer to **Sensor Programming Quick Guide**)*

7

Audi A8 11/2009-12/2016   3/4

1	TPMS Diagnose
2	Program Sensor
3	Position Relearn
4	Information
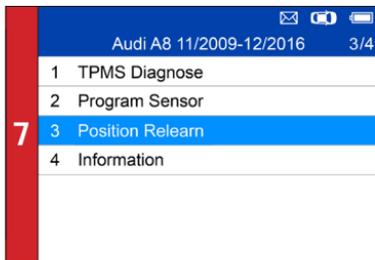
- Select **Position Relearn**: on-tool relearn procedure guide & wide OBD relearn coverage

8

Audi A8 11/2009-12/2016

KPa   2.5   2.5

             2.5   2.5

                  2.5

ID: CE020304   Temp: 26.0 ℃
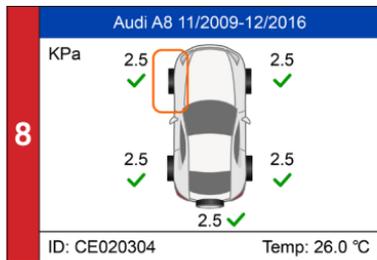
- *Three ways for Position Relearn: Stationary Relearn, Automatic Relearn, OBD Relearn.*
- *(Refer to **Position Relearn Quick Guide**)*

1

Program Sensor	1/4
1 Copy by OBD	
2 Copy by Activation	
3 Copy by Manual Input	
4 Auto Create 1-16 Sensors	

- Select **Copy by OBD**

2

Copy by OBD
Please connect OBD and turn ignition on.
[N] = Cancel   [Y] = Continue
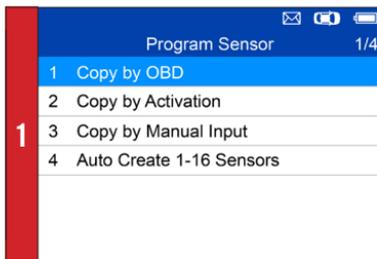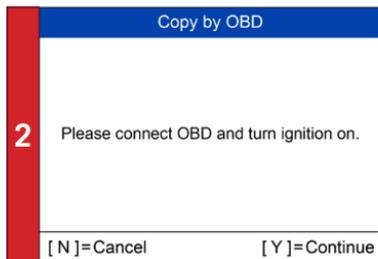
- Connect tool to vehicle via OBD II cable, turn ignition on
- Press **Y** to continue

3

Copy by OBD	1/5
1 FL Sensor ID CE020304(Hex)	
2 FR Sensor ID CE121314(Hex)	
3 RR Sensor ID CE222324(Hex)	
4 RL Sensor ID CE323334(Hex)	
5 SP Sensor ID CE424344(Hex)	
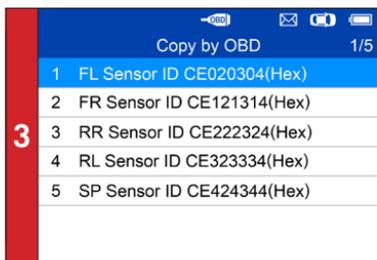
- Place one MX-Sensor near the top of the tool
- Select tire location and ID to be copied and press **Y** to program the new MX-Sensor

4

Programming Sensor	
ID	CE020304
PSN	S1307L1168001013
Pressure	0.0 KPa
Temperature	21.0 (℃)
V ltage	OK
Frequency	433MHz
Press any key to continue	
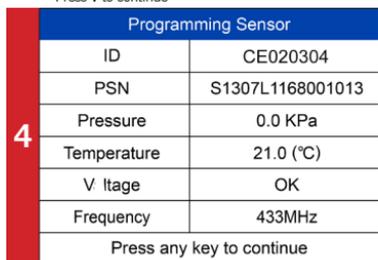
- Sensor programmed.
- MX-sensor ID is copied from the sensor ID stored in ECU.

1

Program Sensor	2/4
1 Copy by OBD	
2 Copy by Activation	
3 Copy by Manual Input	
4 Auto Create 1-16 Sensors	
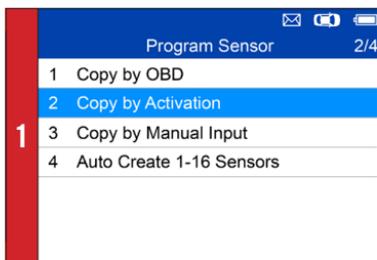
- Select **Copy by Activation**
- Place the tool near the sensor to be copied

2

Audi Q3 11/2009-12/2016
ID(Hex)   23001200
[N] = Exit   [📶] = Trigger   [Y] = Prog.
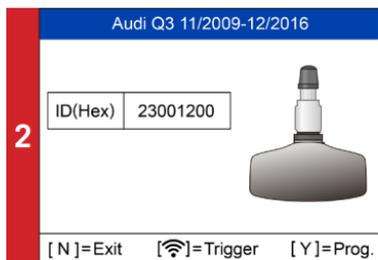
- Trigger successful.
- Press **Y** to program the original sensor ID to MX-Sensor

3

Programming Sensor
433MHz
Keep Programming sensor within 4 inches. Keep other sensors at least 4 feet away. start checking...
[N] = Cancel
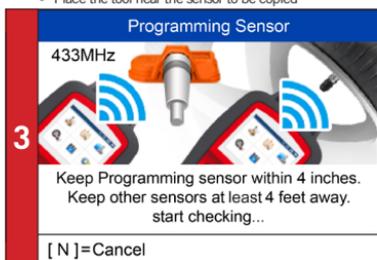
- Place a new MX-Sensor near the top of the device to program

4

Programming Sensor	
ID	23001200
PSN	S1307L1168001013
Pressure	0.0 KPa
Temperature	21.0 (℃)
Valtage	OK
Frequency	433MHz
Press any key to continue	
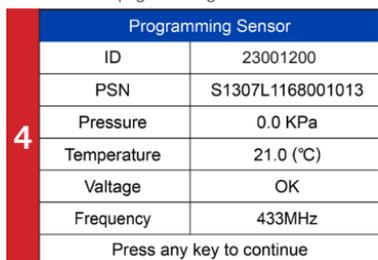
- Sensor programmed.
- MX-sensor ID is copied from the activated sensor ID.

1

⊠ 📟 🔋
Program Sensor 3/4
1 Copy by OBD
2 Copy by Activation
3 Copy by Manual Input
4 Auto Create 1-16 Sensors
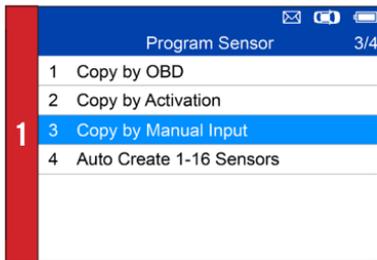
- Select **Copy by Manual Input**

2

Input Sensor ID (Dec)

23001200|

0	1	2	3
4	5	6	7
8	9	A	B
C	D	E	F

[N]=Exit [📶]=Select [Y]=Confirm
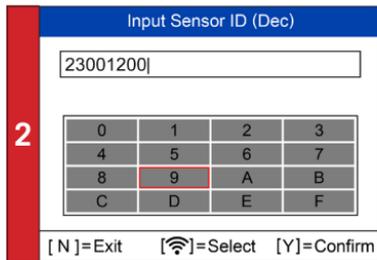
- Enter the original sensor ID in the field

3

Audi Q3 11/2009-12/2016

23001200
Do you want to save and continue?

No   Yes
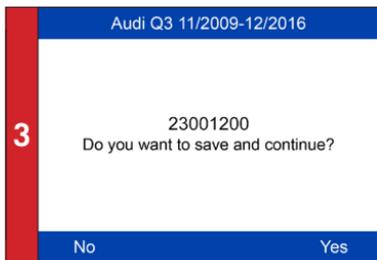
- Place a new MX-Sensor near the top of the device
- Press **Y** to save and program

4

Programming Sensor

ID	23001200
PSN	S1307L1168001013
Pressure	0.0 KPa
Temperature	21.0 (℃)
V ltage	OK
Frequency	433MHz
Press any key to continue	
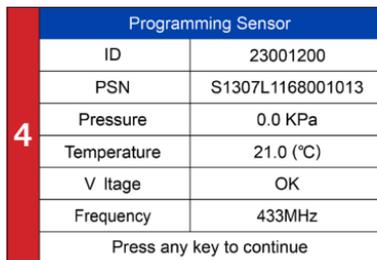
- *Sensor programmed.*
- *The original sensor ID is copied to the new MX-Sensor.*

1

⊠ 📟 🔋
Program Sensor 4/4
1 Copy by OBD
2 Copy by Activation
3 Copy by Manual Input
4 Auto Create 1-16 Sensors
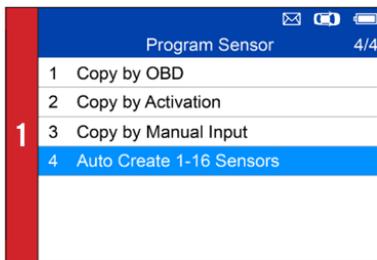
- Select **Auto Create 1-16 Sensors**
- Place 1-16 MX-Sensor(s) close to the top of the tool

2

Programming Sensor

433MHz

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

[N]=Cancel
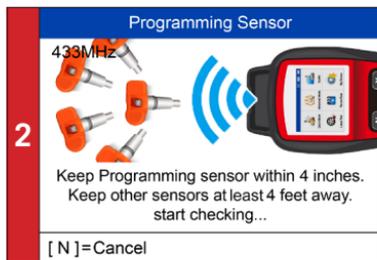
- *The tool will automatically detect the sensors near the tool.*

3

Auto Create

3 sensors detected.
Do you want to Continue?

[N]=Cancel   [Y]=Continue

- Press **Y** to program

4

Auto Create

NO.	ID	PSN
01	78BBDA4B	S1307L1168001023
02	78003843	S1307L1168001053
03	78001013	S1307L1168001013

OK

- *Sensor programmed.*

1

		✉ ▭ ▭
	Audi A8 11/2009-12/2016	1/4
1	TPMS Diagnose	
2	Program Sensor	
3	Program Relearn	
4	Information	
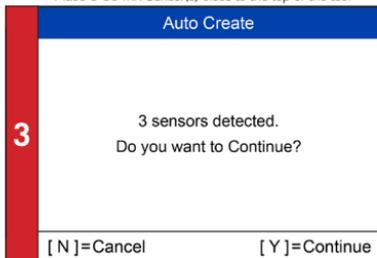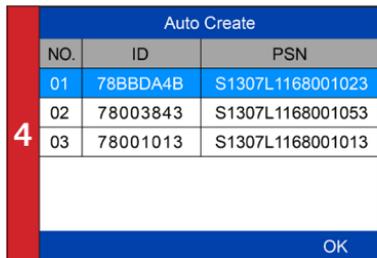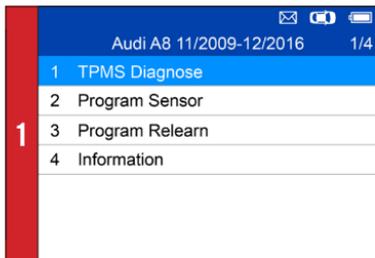
- Select **Advanced Mode**
- Select vehicle **Make**, **Model**, and **Year**
- Select **TPMS Diagnose**

2

Audi A8 11/2009-12/2016

Press [📶] to trigger FL Sensor

- 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.*

3

Audi A8 11/2009-12/2016

KPa 2.5 ✓   D

✗   2.5 ✓ 🔋

2.5 ✓

Press [📶] to trigger RL Sensor
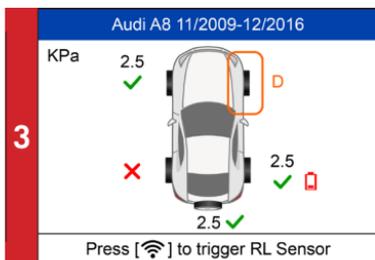
- *Different sensor activation results will display.*

4

Sensor activation successful ↘   A duplicate ID has been read ↙

Audi A8 11/2009-12/2016

KPa 2.5 ✓   D

✗   2.5 ✓ 🔋

2.5 ✓

Press [📶] to trigger RL Sensor

Sensor activation failed   Sensor activation successful, but battery is low

5

Copy by OBD

Please connect to OBD and turn ignition on.

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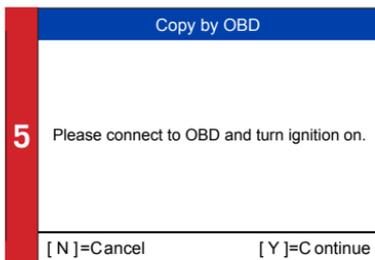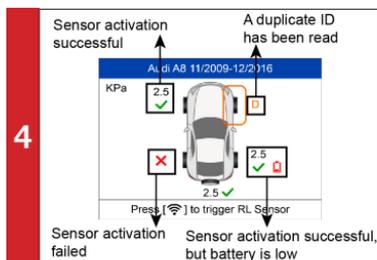
- *When all the sensors (4 or 5 wheels) have been triggered, OBD connection option will display(when available).*
- Connect OBD cable to the vehicle and press **Y** to continue
- *The tool will automatically read sensor IDs and DTCs from ECU.*

6

Audi A8 11/2009-12/2016

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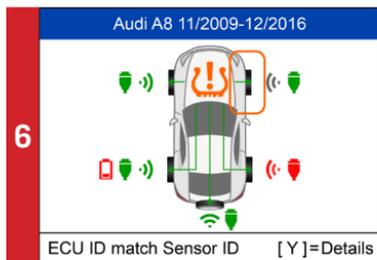
- *Green signal and OBD icons: the ECU ID matches Sensor ID.*
- *Red signal and OBD icons: the ECU ID does not match Sensor ID.*
- *Red battery icon: low sensor battery /Amber TPMS icon: DTCs present in the ECU.*

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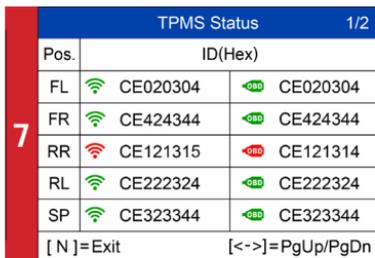
- Press Y to view details
- TPMS Status details will display, including: activated sensor IDs, ECU sensor IDs, pressure, temperature, *sensor battery*

8

TPMS DTCs

C007F00   Permanent
Please refer to vehicle service manual!

[N]=Back   [📶] Erase DTC   [Y]Save
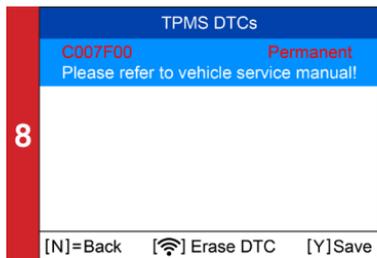
- *Amber TPMS icon: DTCs present in the ECU.*
- Select TPMS icon and press **Y** to view DTCs
- Press Trigger to erase DTC

1

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

2

Buick Park Avenue 01/1997-12/2005
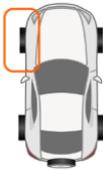
Press [📶] to trigger FL Sensor

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

1

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

1	TPMS Diagnose
2	Program Sensor
3	Position Relearn
4	Information

- Select **Position Relearn**

2

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

1

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
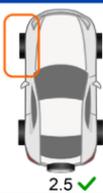
2

Audi A8 11/2009-12/2016

KPa   2.5 ✓   2.5 ✓

2.5 ✓   2.5 ✓

2.5 ✓

ID: CE020304   Temp: 26.0 ℃

- Activate all sensors mounted on the vehicle

3

OBD Relearn

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

4

OBD Relearn

OBD Relearn Successful.

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