# AUTEL TS508WF QuickStart Guide



Same TPMS Features as Quick Mode

Advanced 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 TS508WF Registration Remember to check monthly & Update for latest software updates.

Please Note: Updates are performed via a computer with Internet access. You could update your device by USB with the Maxi PC Suite or by Wi-Fi. For USB update with the Maxi PC Suite, please refer to the following instructions:



 Visit www.maxitpms.com > Products > TS508WF. Click on "Maxi PC Suite" to download the application;



 After sign in with your Autel ID, select your product model, input the Serial Number and Register Password of your device to bind it to your Autel ID.



- Register an Autel ID and bind your device to the ID by visiting https://pro.auteltech.com.
- Input your email address as your Autel ID, create a password.



 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 TS508WF to the computer. Select My Device on the tool. Press  ${\bf Y}$  button.

	AUTEL' Marines	Ae V1.20.04					0 m -
		C Refresh		Updates available	Installed		search
			Software name	Software kit	Version	Size	Operatio
7	TS508WF T8W011120003 Switch a device		Your device is not re	Sign up gistered,please registe dress	r first Next		

 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 11.



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



• The application will display a list of available updates. Click on Update to initiate download.

			**	
			My Device	1/4
			Update by USB	
		2	Update by Wi-Fi	
6		3	Setting	
		4	About	
	Calaat		te bu LICP	

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

6	UTEL' Masi PC S	uite V1.20.04				ο 🔟 -
		C Refresh	Updates available	Installed		search
		Software name	Software kit	Version	Size	Operation
			Sign up	×		
8	TS508WF T8W011120003		te has been sent to your code into the input box	email address,		
	Switch a device	Please enter you				
		Enter the verific		170 s		
		Back		Sign up		

 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.)

		Suite V1.20.04				φ - α
		C Refresh	Updates available	Installed		search
		Software name	Software kit	Version	Size	Operation
			Sign up	×		
10	TS508WF T8W011120003		de has been sent to your o code into the input box	email address,	1	
	Switch a device					
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		589836		107 s		
		Back		Sign up		

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

	AUTEL' Massi PC Sa	ike V1.20.04					<u>0</u> m - =
		C Refresh	I	Updates available	Installed		search
		Soft	vare name	Software kit	Version	Size	Operation
		• 🖨	Arm Suite				Walt until it's insta
12	TS508WF T8W011120003	95	TS508WF_SYS_bit	TSSOBAF		0	0
	Switch a device	93	TS508WF_SYS_au	TSSOBWF	V0.99.32		0
	Update progress	95	SensorsWF_bin	SensoniMF	V5.41.16		0

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





Downloaded programs are installed automatically and will replace older version.

 The device will display "Update End" once installation is complete.



• When the application displays "No available updates" you may disconnect USB cable from PC and Tool. Your tool is ready to use.

# AUTEL TS508WF Registration Remember to check monthly for latest software updates.

For Wi-Fi update, please refer to the following instructions:

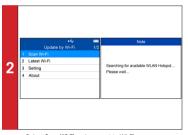


 Open the device, select My Device on the main screen, press Y button.

Select Update by Wi-Fi



 The device will automatically detect whether it's bound to an Autel ID after successfully connected to Wi-Fi.



• Select Scan Wi-Fi and connect to Wi-Fi.

 You can connect to the same Wi-Fi hotspot directly for the future use by selecting Latest Wi-Fi.

	Input Email address (Autel ID)	Register with SN
4	Test@test.com           Image:	Test@test.com Checking the Email address (Autel ID) Info Please wait

• If you haven't an Autel ID and the device has not been bound, input your email address as your Autel ID.



 Input the verification code and your Autel ID password to finish registration.



 After successfully bound, press Yes to continue. Update information will be scanned automatically.

			Inp	ut Email address (Autel ID)									
	Ē	Test@test.com											
6	q	w	е	r	t	У	u	i	0	р	7	8	9
Ŭ	а	s	d	f	g	h	j	k	Т	*	4	5	6
	z	x	с	v	b	n	m	-		1	1	2	3
	#+= SPACE ·					0	-						
	[N]=Del [												

 Input your email address and password to bind the device to your Autel ID if you already have one

	Update by Wi-Fi					
8	Update software version to: Diag Version V1.41.05 Connect the tool to power using the included charger. The tool must be con- nected to power supply throughout update process to ensure successful installation.					
	No Yes					
	<ul> <li>If the device software needs to be updated, proceed</li> </ul>					

• If the device software needs to be updated, proceed as information on the screen, connect the device to USB cable, press **Y** button, updating starts automatically.

· The device will reboot once update completes.

There will be notification if the device software is already the newest version.

### AUTEL TS508WF QuickStart Guide: Quick Mode Basic TPMS Function



· On Main Menu select Quick Mode



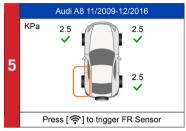
· Select vehicle Make, Model, and Year

## AUTEL TS508WF QuickStart Guide: Quick Mode Basic TPMS Function

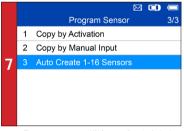
**\_\_\_** 

	Cadillac Escalade 01/2015-12/2017 1/5					
		Scan Single Sensor				
	2	Scan All Sensors				
3	3	Program Sensor				
	4	Relearn Procedure				
	5	Sensor Information				

- · Select Scan Single Sensor.
- Place tool close to the sensor.



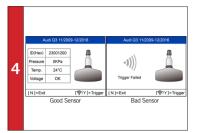
Select Scan All Sensors.



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

		Cadillac Escalade 01/2015-12/2017 1/5
	1	Scan Single Sensor
	2	Scan All Sensors
9	3	Program Sensor
	4	Relearn Procedure
		Sensor Information

· Select 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

		Cadillac Escalade 01/2015-12/2017 1/5
	1	Scan Single Sensor
	2	Scan All Sensors
6		Program Sensor
	4	Relearn Procedure
	5	Sensor Information

<sup>·</sup> Select Program Sensor: program AUTEL MX-Sensor.

8	Cadillac Escalade 01/2015-12/2017 1/5 1 Scan Al Sensora 3 Program Sensor 4 Relaze Trocksher 5 Sensor Information	Relearn Procedure Position relearn type: Stationary relearn / obr RELEARN Mathod 1: A proper TPMS fool is required to learn new sensor TDMS. Relearn Procedure: 1 - Procefin Indeal for possive sensors
		No Yes

Select Relearn Procedure on-tool relearn procedure guide.

	MX-Sensor	Information	OE Senso	r Information	
	Sensor ID	50768583	OE Manufacturer		
	Frequency	433MHz	OE Frequency	433MHz	
100	Voltage	3.02 V	Relearn Type	O/S	
10	Hardware Version 7101		22853740		
	Software Version	Software Version V05.30 OE Part Number			
	Area Code/P_ID	FFFF/0032	Number on Sensor	22853740	
	PSN	NA	0011001		
	Press any ke	ry to continue			ок

 Sensor Information for both MX-Sensor information & OE sensor information displays.



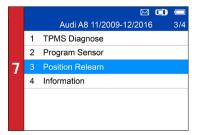
• On main menu, select Advanced Mode

	🖾 💭 🖾
	Audi A8 11/2009-12/2016 1/4
	TPMS Diagnose
2	Program Sensor
3	Position Relearn
4	Information
	2 3

 Select TPMS Diagnose: complete TPMS system health check

		🖂 🛋 Audi A8 11/2009-12/2016 1/4
	1	TPMS Diagnose
	2	Program Sensor
5	3	Position Relearn
	4	Information

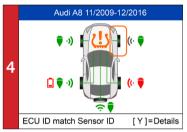
Select Program Sensor: program AUTEL MX-Sensor



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

	🖂 🖨 💭
	Audi A3 1/2
	1 06/2012-12/2015
	2 01/2005-01/2017(Indirect)
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



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

		M 🖬 📼			
		Program Sensor 1/4			
		Copy by OBD			
	2	Copy by Activation			
6	3	Copy by Manual Input			
	4	Auto Create 1-16 Sensors			
	- Four ways to program MX-Sensors: Copy by Activation				

 Four ways to program MX-Sensors: Copy by Activation, Copy by OBD, Copy by Manual Input, Auto Create 1-16 Sensors.

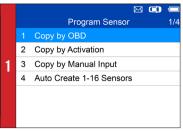
- (Refer to Sensor Programming Quick Guide)



- Three ways for Position Relearn: Stationary Relearn, Automatic Relearn, OBD Relearn.

- (Refer to Position Relearn Quick Guide)

## AUTEL TS508WF QuickStart Guide: MX-Sensor Programming Advance Mode: Copy by OBD



• Select Copy by OBD

			<b>)</b> /5
		FL Sensor ID CE020304(Hex)	
	2	FR Sensor ID CE121314(Hex)	
3	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

	Copy by OBD		
2	Please connect OBD and turn ignition on.		
	[N]=Cancel [Y]=Continue		
	<ul> <li>Connect tool to vehicle via OBD II cable, turn ignition on</li> </ul>		

Press Y to continue

	Programming Sensor			
	ID	CE020304		
	PSN	S1307L1168001013		
4	Pressure	0.0 KPa		
4	Temperature	21.0 (°C)		
	V Itage	ОК		
	Frequency	433MHz		
	Press any key to continue			

- Sensor programmed.

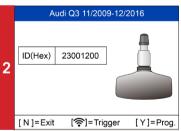
- MX-sensor ID is copied from the sensor ID stored in ECU.

# AUTEL TS508WF QuickStart Guide: MX-Sensor Programming Advance Mode: Copy by Activation





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



- Trigger successful.

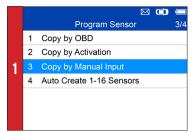
· Press Y to program the original sensor ID to MX-Sensor

	Programming Sensor		
4	ID	23001200	
	PSN	S1307L1168001013	
	Pressure	0.0 KPa	
	Temperature	21.0 (°C)	
	Valtage	ОК	
	Frequency	433MHz	
	Press any key to continue		

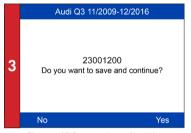
- Sensor programmed.

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

#### AUTEL TS508WF QuickStart Guide: MX-Sensor Programming Advance Mode: Copy by Manual Input



· Select Copy by Manual Input



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

 Input Sensor ID (Dec)

 23001200|

 2

 0
 1
 2
 3

 4
 5
 6
 7

 8
 9
 A
 B
 C

 C
 D
 E
 F

 [N]=Exit
 [r]=Select
 [Y]=Confirm

· Enter the original sensor ID in the field

	Programming Sensor		
	ID	23001200	
	PSN	S1307L1168001013	
4	Pressure	0.0 KPa	
4	Temperature	21.0 (°C)	
	V Itage	ОК	
	Frequency	433MHz	
	Press any key to continue		

- Sensor programmed.

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

### AUTEL TS508WF QuickStart Guide: MX-Sensor Programming AdvanceMode: Copy by AutoCreate 1-16 Sensors

	🖂 📼 🗉			
		Prograi	m Sensor 4	/4
	1	Copy by OBD		
	2	Copy by Activati	on	
1	3	Copy by Manua	Input	
	4	Auto Create 1-1	6 Sensors	
	• Se	elect Auto Create 1-16 Se	ensors	
	• Pl	ace 1-16 MX-Sensor(s)	close to the top of the tool	
		Auto	Create	
3			s detected. t to Continue?	
		]=Cancel	[Y]=Continu	-

2 Keep Programming sensor within 4 inches. Keep other sensors at least 4 feet away. start checking... [ N ]=Cancel

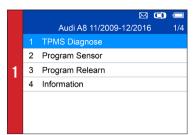
- The tool will automatically detect the sensors near the tool.

	Auto Create			
	NO.	ID	PSN	
	01	78BBDA4B	S1307L1168001023	
_	02	78003843	S1307L1168001053	
4	03	78001013	S1307L1168001013	
			OK	

· Press Y to program

- Sensor programmed.

## AUTEL TS508WF QuickStart Guide: TPMS Diagnose



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



Different sensor activation results will display.

Please connect to OBD a	nd 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.

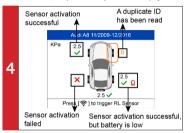
7	TPMS Status		tatus 1/2	
	Pos.	ID(Hex)		
	FL	🛜 CE020304	👁 CE020304	
	FR	🛜 CE424344	- CE424344	
	RR	🛜 CE121315	🚥 CE121314	
	RL		🐵 CE222324	
	SP	🛜 CE323344	👁 CE323344	
	[N]	=Exit	[<->]=PgUp/PgDn	

· Press Y to view details

 TPMS Status details will display, including: activated sensor IDs, ECU sensor IDs, pressure, temperature, sensor battery



- · Press Trigger to activate the sensor
- Sensor ID, temperature and pressure will display.





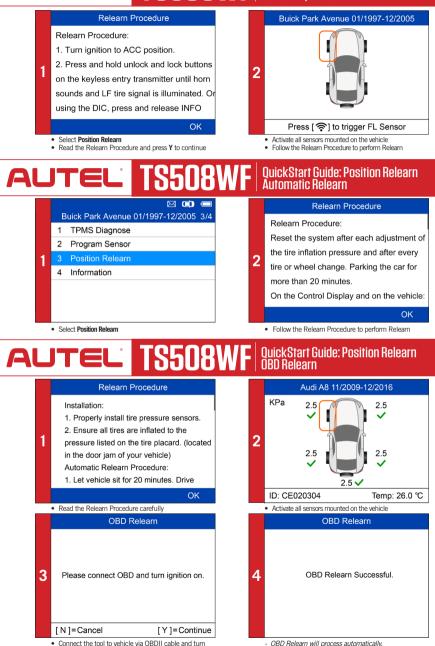
Green signal and OBD icons: the ECU ID matches Sensor ID. Red signal and OBD icons: the ECU ID does not match Sensor ID

- 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

# AUTEL TS508WF QuickStart Guide: Position Relearn



ignition on Press Y to continue

- OBD Relearn Successful

OBD Relearn will process automatically.