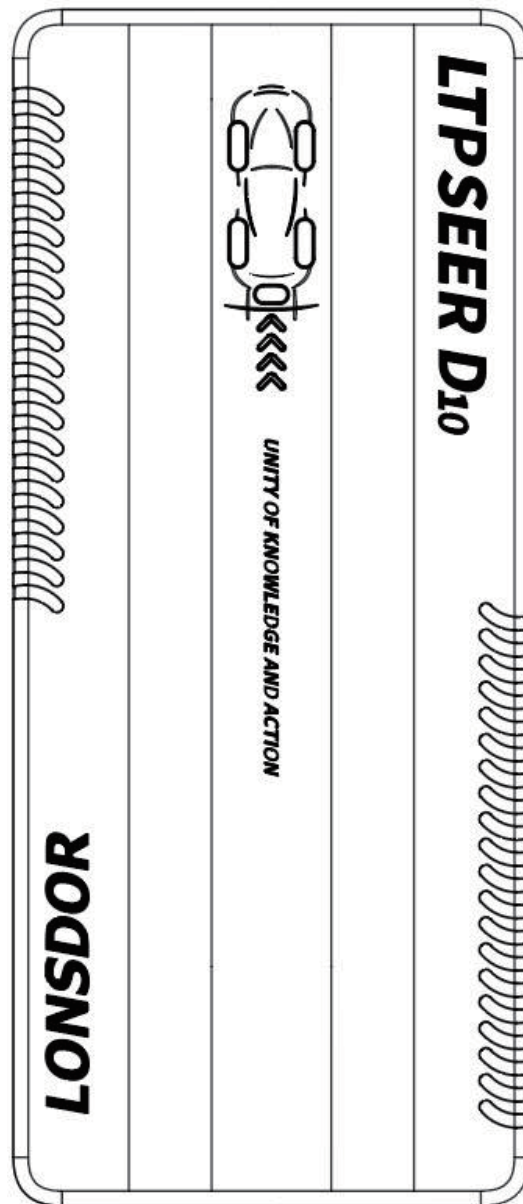


LTPSEER D10 Programmer User Manual



HVIN:LTPSEER D10
PMN:LTPSEER D10 Programmer

Please read this instruction manual carefully before use!

Copyright

Lonsdor's entire contents, including but not limited to products or services issued by itself or co-issued with cooperative companies, and the materials and software on Lonsdor's related websites, are copyrighted and protected by law. No part of the above all shall be copies, modified, extracted, transmitted or bundled with other products, sold in any way or by any means without the permission of Lonsdor. Any infringement of our company's copyright and other intellectual property rights, Lonsdor shall seize its liability according to law!

Disclaimer

1. This device is exclusively for legal vehicle tire pressure sensor programming and activation. Users must comply with all applicable laws and regulations in their country/region during use. The user shall be solely responsible for all legal liabilities arising from any violation or misuse.

2. Our company has conducted rigorous testing on the product, but we shall not be liable for any losses or damages caused by the following circumstances:

Failure to follow the instructions provided in the user manual;

Using the device for purposes other than its intended design (e.g., prolonged high-current power supply, illegal modifications, etc.);

Malfunctions due to extreme temperatures, water exposure, drops, physical damage, or other external forces;

Disassembly, repair, or alteration of the product by the user without authorization.

3. The built-in battery is a consumable component, and its performance may degrade over time due to usage and environmental conditions. This is a normal phenomenon, and our company shall not be held responsible for any indirect losses resulting therefrom.

4. By using this device, the user is deemed to have read, understood, and agreed to this disclaimer.

Declared by: Lonsdor Dept of Legal Affairs

Precautions

1. Safety Instructions

Fully charge the device before first use to ensure reliable battery performance.

Do not use the device in flammable, explosive, or hazardous environments.

Avoid storing or operating the device in extreme temperatures (below -10°C or above 50°C).

Do not disassemble the device or attempt to replace internal batteries.

Only use certified chargers and cables to charge your device.

2. Tire Pressure Programming/Activation

Before operation, confirm that the vehicle supports the sensor model and programming method.

Maintain a safe distance from the vehicle during use. Avoid standing directly in front of or behind the wheels.

Ensure the device is fully charged before programming or activation to prevent power interruption.

On supported activation interfaces, press the device button to quickly trigger the activation function.

During activation, the corresponding tire indicator light will flash. Once completed, the light will remain steady.

3. Storage & Transportation

If unused for an extended period, recharge the device every three months to prevent battery damage from deep discharge.

During transportation, comply with lithium battery shipping regulations. Avoid severe impacts or compression.

4. Bluetooth Connection/Disconnection

Connecting to D10 Device via Mobile App:

First, press the side button of the device to wake up the Bluetooth.

The power indicator (arrow light) will turn green (steady).

After successful Bluetooth pairing, the indicator will change to blue (steady). The battery level is indicated by the number of illuminated power indicator lights.

Long-press the button or exit the mobile App to disconnect Bluetooth.

The mobile App will automatically reconnect to the last paired D10 device (when it is awakened). To switch to another device, tap the Bluetooth icon in the app.

Contents

LTPSEER D10 Programmer User Manual	1
Copyright	1
Disclaimer	2
Precautions	3
1. Safety Instructions	3
2. Tire Pressure Programming/Activation	3
3. Storage & Transportation	3
4. Bluetooth Connection/Disconnection	3
I Download and Registration	5
1. Download APP	5
2. New User Registration	6
II Product Overview	7
1. Product Introduction	7
2. App Home Screen Functions	8
III TPMS	9
1. Activation	11
2. Sensor Programming	14
3. TPMS Learning	20
IV OE Query	24
1. Function Description	25
2. Activation	27
3. Programming	28
4. Supported Vehicle Models	29
V Test Records	30
After-Sales Service	31

I Download and Registration

1. Download APP

Download link: <https://www.lonsdor.com/html/appdownload>

Android Download QR Code



IOS Download QR Code



2. New User Registration

4:10 9/28

0.04 K/s 5G 4G 80

Fast login (register)

Account login



Welcome to Lonsdor!

86 ▾ Enter mobile number

8 + 6 = ?

Please enter your answer

Enter verification code

Get verification code

Prompt: unregistered mobile phone number/Email will be automatically registered as member account after verification

Login

☐ I have read and agreed to the [Service Agreement](#) and [Privacy Policy](#)

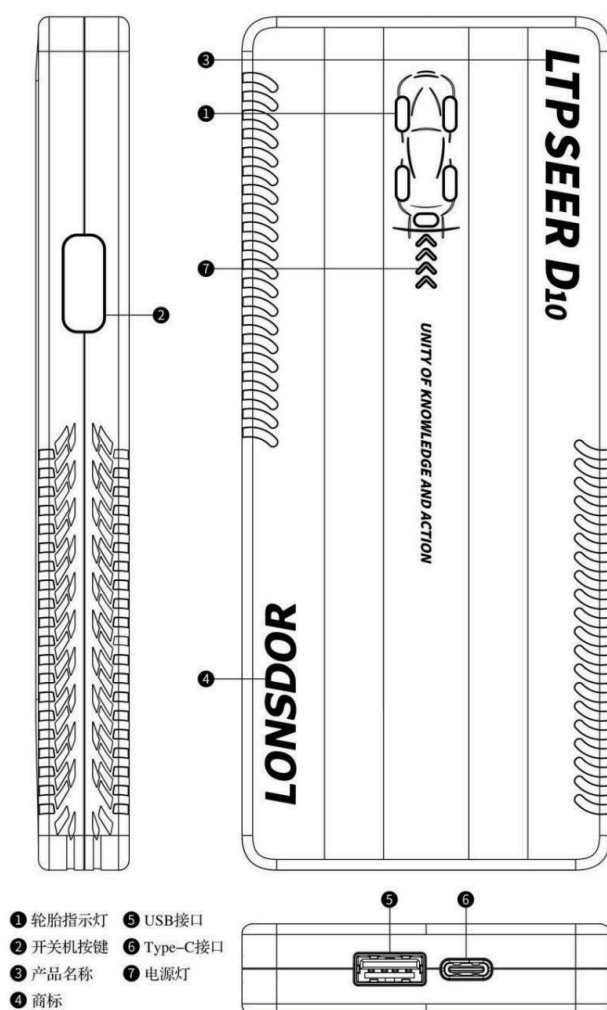
II Product Overview

1. Product Introduction

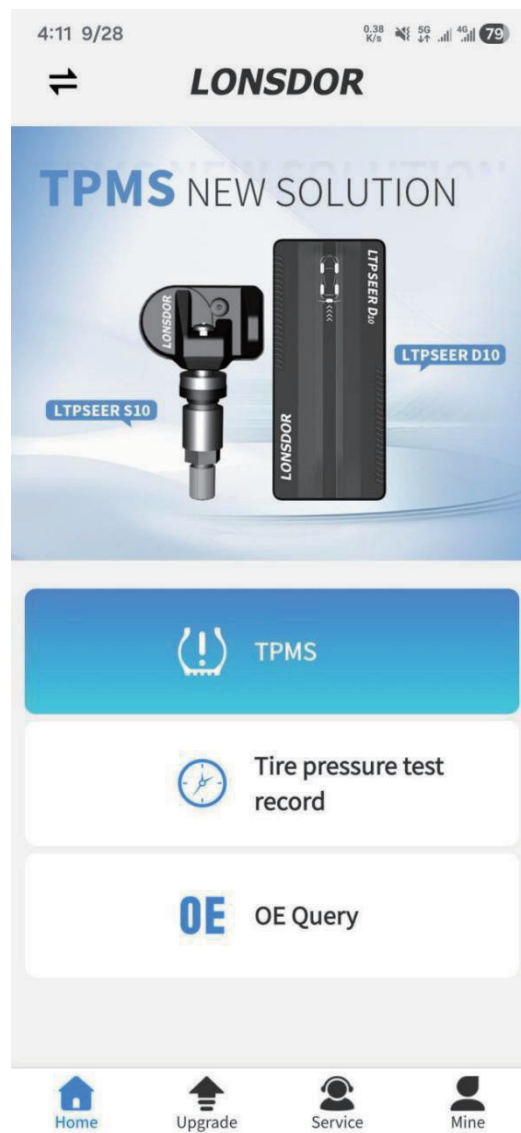
Product Name: LTPSEER D10 Tire Pressure Programmer

Product Introduction: LTPSEER D10 is a tire pressure programmer launched by Shenzhen Lonsdor Technology Co., Ltd. It can program and activate Lonsdor tire pressure sensor, and activate OEM sensors as well.

LTPSEER D10



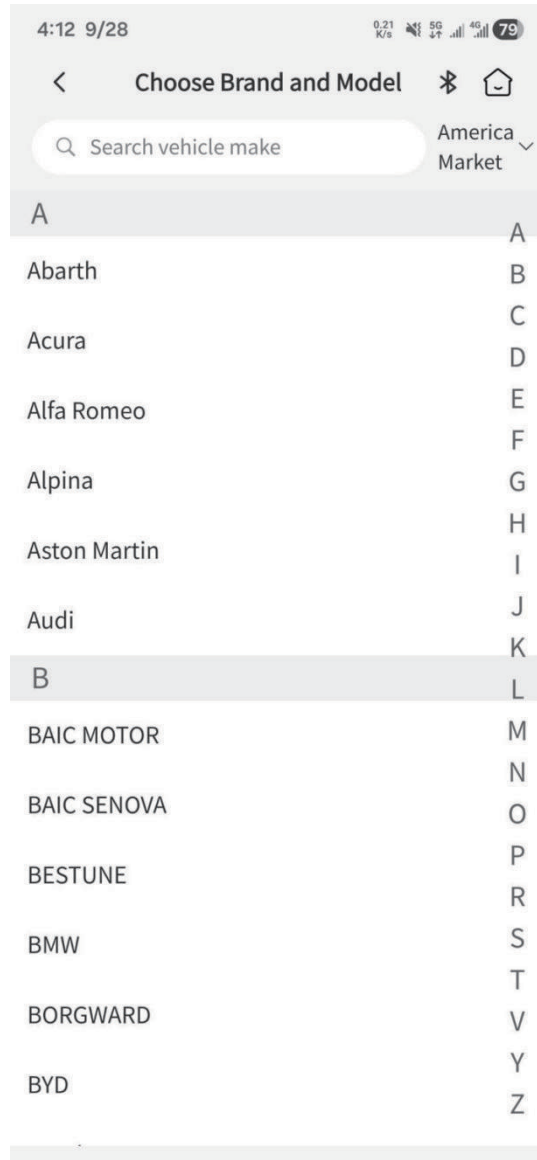
2. App Home Screen Functions



Functions	Description
TPMS	Program and activate the tire pressure monitoring system (TPMS) by selecting vehicle make, model, and year.
Tire Pressure Test Records	View relevant information through test records, and quickly access vehicle models via test records.
OE Query	Find supported vehicle models through the OEM sensor manufacturer and part number to perform programming and activation.

III TPMS

Enter the tire pressure monitoring system (TPMS), select the vehicle make, model, and year in the vehicle identification menu.

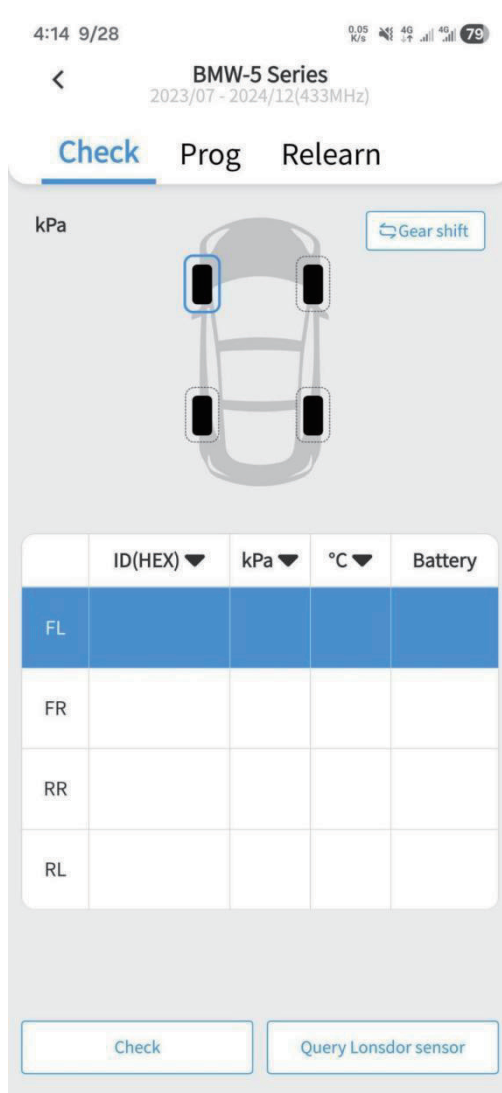


The navigation tabs at the top of the main interface screen include the following items:

Activate – To activate the sensor and display sensor data. (The activation button can be quickly triggered via the power button on the D10 device.)

Program – To program the Lonsdor TPMS sensor, display the newly programmed sensor ID and sensor PSN (Product Serial Number).

Learn – To display OE sensor information and learning steps.



1. Activation

On the activation supported interface, you can quickly activate the tire pressure sensor by pressing the D10's power button.

The "Activate" feature allows users to activate the tire pressure sensor and view sensor data, including sensor ID, air pressure, temperature, and battery status.

- 1) Tap the wheel image on the vehicle graphic or choose the corresponding wheel label (including 'Left Front', 'Right Front', 'Right Rear', and 'Left Rear'). Aim the D10 device at the TPMS sensor(to be activated) and tap the Activate button. The corresponding tire light on the D10 will flash during activation.
- 2) After the sensor is successfully activated, the sensor data will be displayed on the APP interface, and the corresponding tire light on the D10 will stay on.

Special Notes:

- 1) If the sensor battery is critically low, a yellow  will appear next to the corresponding wheel icon on the interface.
- 2) If the tire pressure sensor requires magnetic activation, a magnetic activation icon  will appear next to the corresponding wheel icon on the interface. Place the magnet above the valve stem, position the D10 next to the valve stem, then press the “Activate” button (this function only applies to 1997–2003 vehicle models, and the magnet must be purchased separately).
- 3) If the sensor requires activation by deflating the tire, a tire deflation activation icon  will appear next to the corresponding wheel icon on the interface. Quickly deflate the tire (recommended rate of approximately 30 kPa per minute) while placing the D10 next to the valve stem and tapping the “Activate” button.
- 4) After successfully activating the sensor, the wheel icon displays the sensor status in green or red.

4:18 9/28

0.02 K/s 5G 4G 78



BMW-5 Series

2023/07 - 2024/12(433MHz)

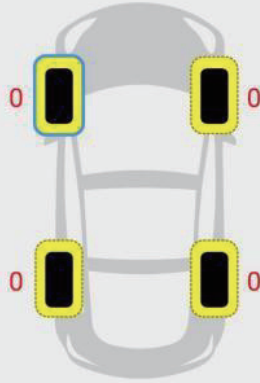
Check

Prog

Relearn

kPa

Gear shift



	ID(HEX) ▼	kPa ▼	°C ▼	Battery
FL	2051AC92	0	26	OK
FR	20550F58	0	26	OK
RR	20621F0E	0	26	OK
RL	2019AD4F	0	27	OK

Check

Query Lonsdor sensor

Sensor Icon Status Possible

Icons	Results	Description
	Sensor reading successful	The tire pressure system sensor is successfully activated and decoded, and the sensor information is displayed in the table.
	Sensor reading successful, but the battery is low or the tire pressure is not within the normal range	The tire pressure system sensor is successfully activated and decoded, and the sensor battery is low. If the tire pressure is not within the normal range, the icon will turn yellow. For both scenarios where the icon turns yellow, follow the prompts to identify the problem.
	Sensor reading failed	If the search times out without any sensors being activated or decoded, the sensor may be improperly installed or malfunctioning, and the interface will display "Failed." If a sensor with a duplicate ID is read, the screen will display "This ID is already activated." Repeat the test procedure.

2. Sensor Programming

Users can program sensor data into the Lonsdor sensor using the "Program" function to replace the original sensor. The device provides three programming methods:

Copy by sensor ID

Input sensor ID

Auto generate

4:14 9/28

0.36 K/s 5G 4G 79

<

BMW-5 Series

2023/07 - 2024/12(433MHz)

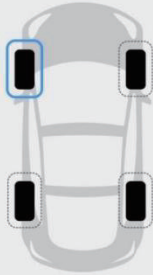
Check

Prog

Relearn

kPa

Power Mode



	ID(HEX) ▼	PSN
FL		
FR		
RR		
RL		

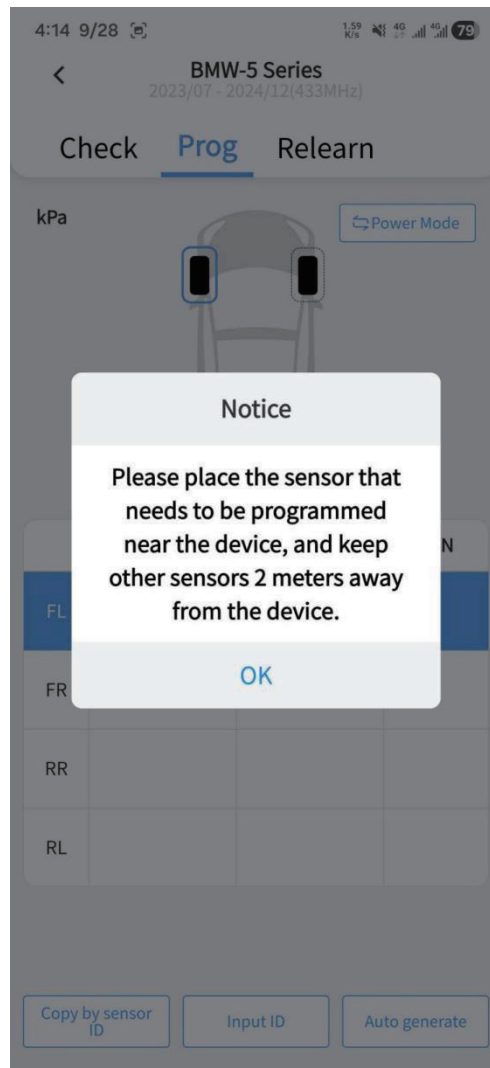
Copy by sensor ID

Input ID

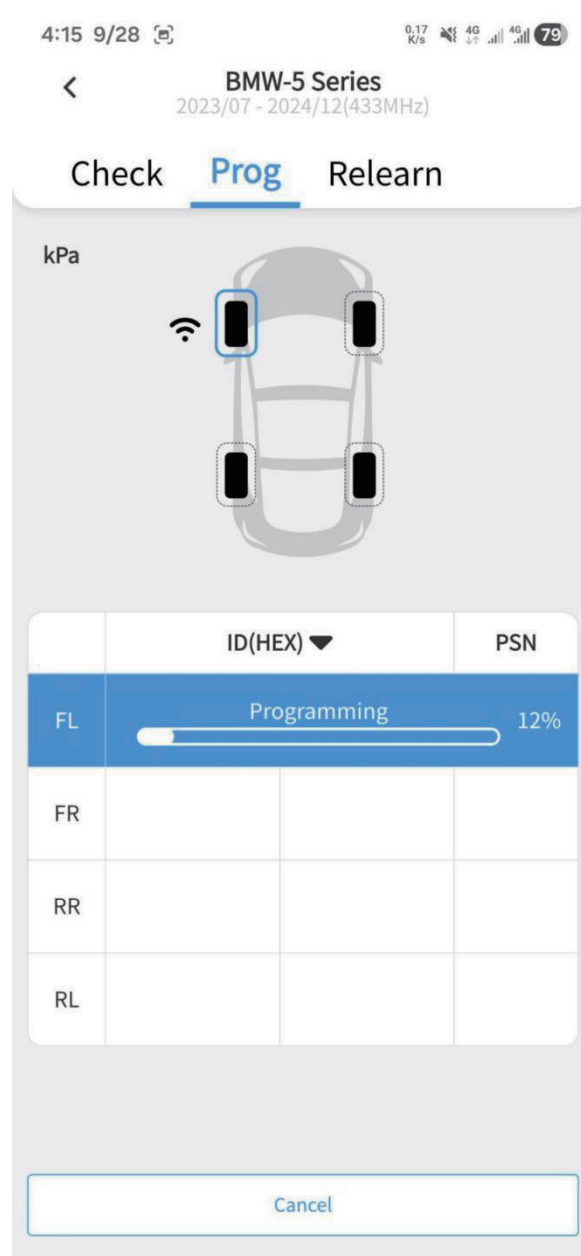
Auto generate

Copy by sensor ID

- 1) Activate the vehicle's sensor to obtain the sensor's ID information.
- 2) On the interface, select the wheel position, place the Lonsdor sensor to be programmed in front of D10, and click "Copy by sensor ID" to start programming.



3) The interface will display a prompt window. Click "OK" to begin programming. During the process, you can click "Cancel" to stop programming.



4) After programming is complete, the programmed ID will appear in the second column to the right of the corresponding wheel. In the example below, the new ID appears in the second column to the right of "Left Front", and the programmed ID should match the one obtained during activation.

4:15 9/28

0.14 K/s 5G 4G 79

<

BMW-5 Series
2023/07 - 2024/12(433MHz)

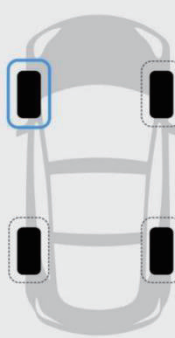
Check

Prog

Relearn

kPa

Power Mode



	ID(HEX) ▼	PSN
FL	2019AD4F	11027010
FR		
RR		
RL		

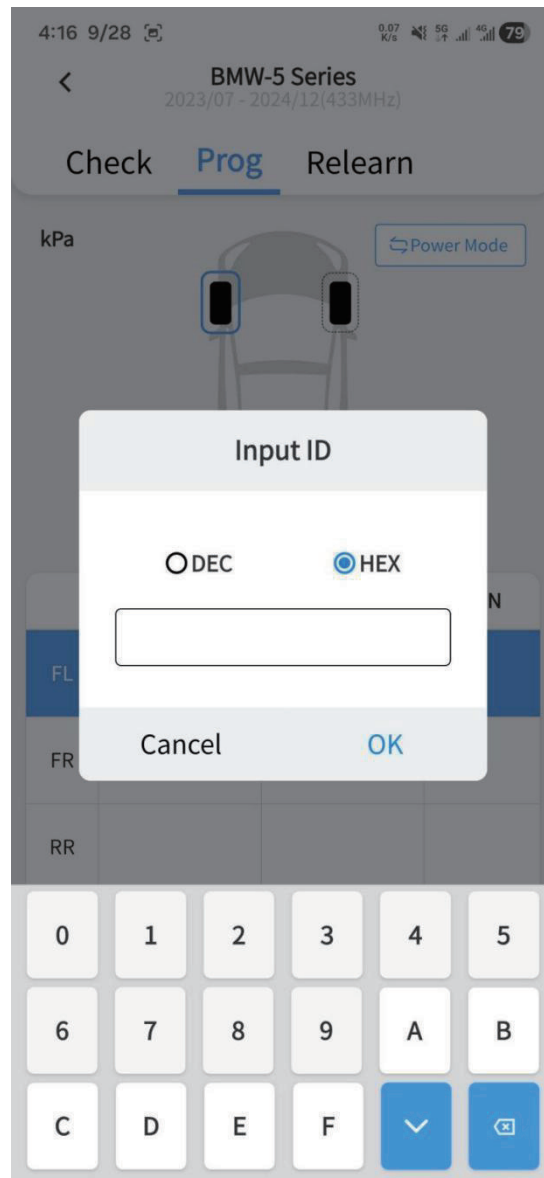
Copy by sensor ID

Input ID

Auto generate

Input sensor ID

1. Select the wheel position on the interface, place the Lonsdor sensor to be programmed in front of D10, then click "Input ID" to program the new Lonsdor sensor.
2. Click "Input ID", enter the original sensor's ID, and choose decimal or hexadecimal input as needed.



Auto Generate

"Auto-Generate" will create a new ID for the sensor. Place the Lonsdor sensor to be programmed in front of D10 (keep others at least 2 meters away to avoid potential programming errors). Up to 16 sensors can be programmed at once. Note: The auto-generated ID requires a "learning" step to be written to the ECU. (D10 does not support OBD-based learning. Please purchase Lonsdor TPMS programming tool with OBD functionality if required.)

Steps:

- (1) Place the Lonsdor sensor to be programmed in front of D10, then click "Auto Generate" to begin programming the new sensor.
- (2) D10 will scan for nearby TPMS sensors. If only one sensor is detected, programming will start automatically. If multiple sensors are found, you can freely select a desired sensor to be programmed.



3. TPMS Learning

The activation process can be quickly triggered using the power button on the D10 device in the activation-supported interface.

The "Learn" function enables the vehicle's ECU to recognize a new sensor ID. When the new sensor ID differs from the original sensor ID stored in the TPMS ECU, the "Learn" function is required to transmit the ID information to the vehicle's ECU. There are four available TPMS learning methods, select the most appropriate method based on the specific scenario:

Self-Learning

Static Learning

Cloning Learning

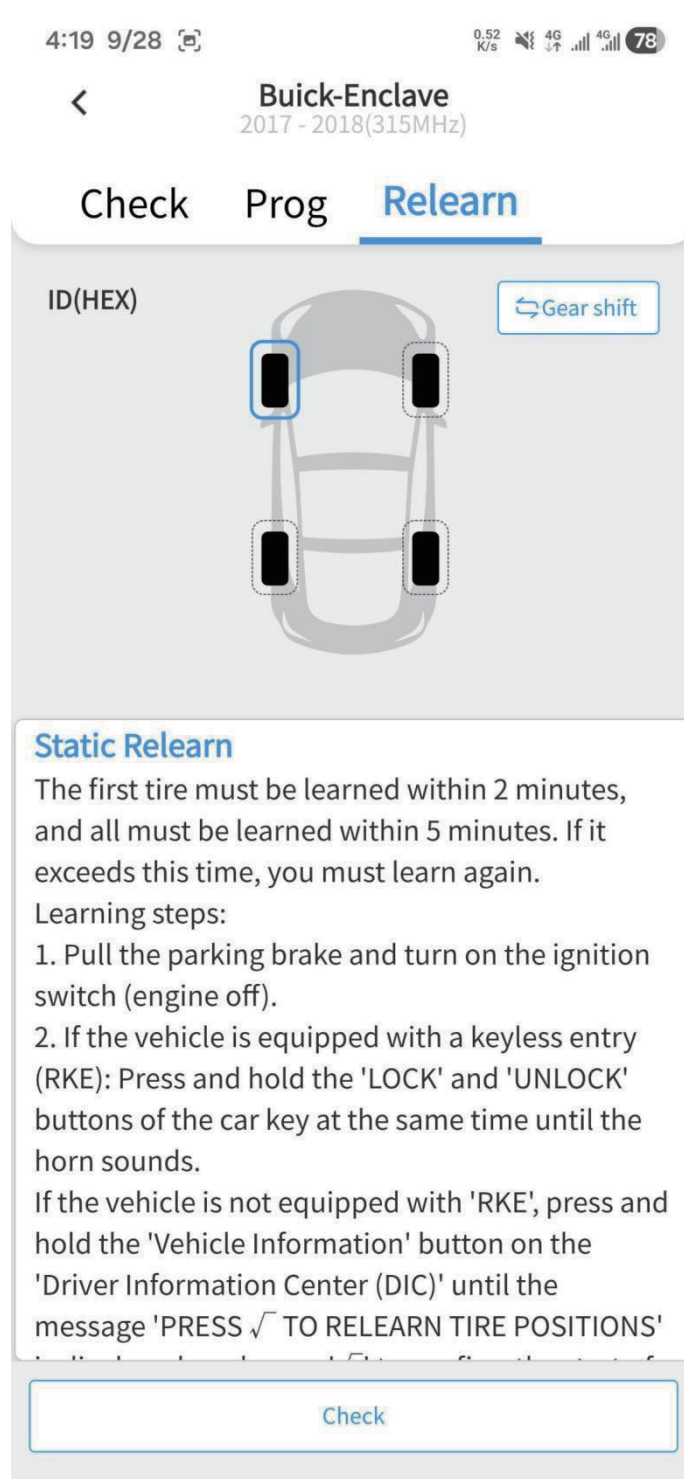
Self-Learning

Some vehicles support learning functions that can be completed through driving. Please refer to the learning methods displayed on the interface.



Static Learning

1. Enter the "Learn" interface and follow the prompts to complete static learning.



Cloning Learning

Clone learning refers to directly copying the OEM sensor ID to enable vehicle recognition, without the need for relearning as long as the ID remains intact in the vehicle's ECU.

4:22 9/28

0 K/s 5G 4G 78

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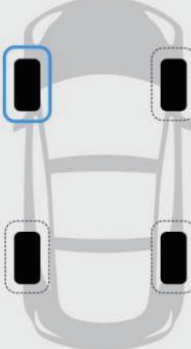
Alfa Romeo-Spider
2006 - 2010(433MHz)

Check

Prog

Relearn

ID(HEX)



↩ Gear shift

OEM Sensor Info

OEM Sensor Manufacturer: TRW
Sensor Frequency: 433MHz
OEM Sensor Part Number: 51839114
OEM Sensor Printed Number: 51839114
Wheel Nut Torque Value(Nm): 90

Learning Process Guide

Relearn Method: (Clone Relearn)

Clone Relearn

Learning steps:
You have three ways to copy (no need to re-learn):
1. Copy by sensor ID.
2. Copy by OBD ID.

Check

IV OE Query

Accessing Vehicle Tire Pressure Function via OEM Part Number

The OEM part number of a sensor can be used to quickly access the TPMS function menu, assisting technicians in efficiently selecting the correct vehicle model.

Typical Application Scenarios:

(1) Repair Shops

(2) When the OEM part number is known, technicians can use the "OE Query" function to swiftly select the vehicle model and detect the sensor status. Then use the "Program" function to write the original vehicle's sensor ID into the Lonsdor sensor. If the sensor ID in the vehicle's ECU is intact, no relearn procedure is required—the new sensor can be installed directly to replace the faulty one.

(3) Tire Shops or Sensor Dealer

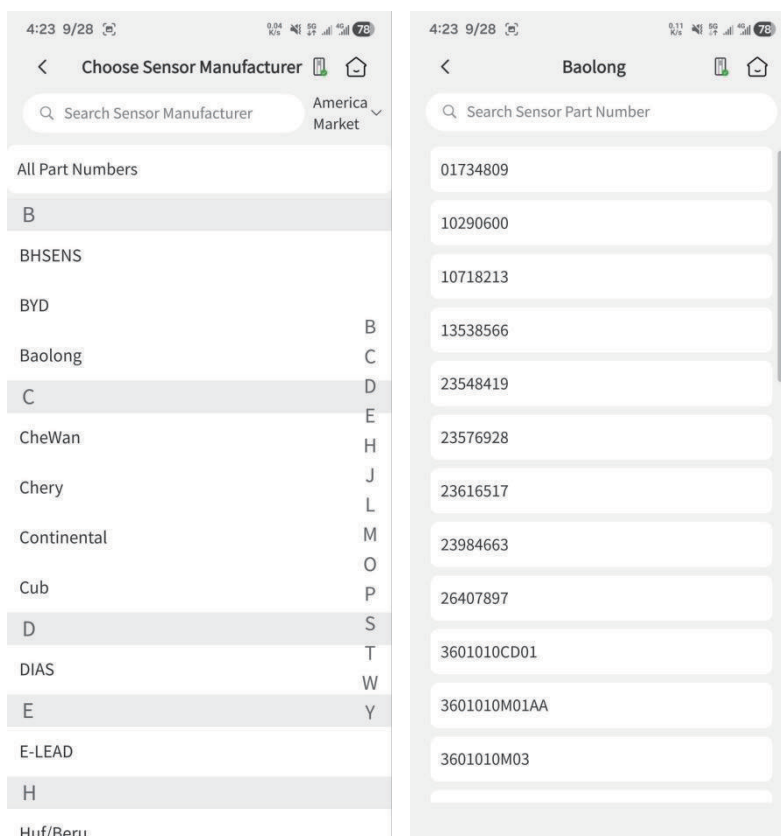
For customers purchasing sensors in bulk for the same vehicle model or OEM part number, the "OE Query" function enables precise matching. Up to 16 sensors can be programmed simultaneously.

1. Function Description

How to Search for Information via OEM Part Number

1) Click "OE Query" on the device's main menu to enter the "Select Manufacturer" interface.

Use the search function or the alphabetical navigation bar on the right to quickly locate the manufacturer. Select current vehicle's sensor manufacturer and then the corresponding OEM part number; or click "All part numbers", enter the "Part Number" in the search box at the top of the screen, and click "Search".



Clicking the selected part number will show the supported vehicle models, as shown in the interface below.

4:23 9/28

0.04 K/s 5G 4G 78

<

Baolong
01734809

Check

Prog

Support Cars

Car model	Car series	Car year
Geely	Binyue	2018/07 - 2024/12(4 33MHz)
Geely	Coolray	2018/09 - 2023/12(4 33MHz)
Geely	Vision X3	2017/12 - 2023/12(4 33MHz G5)
Geely	Vision X3	2019/06 - 2023/12(4 33MHz G6 CVT)
Geely	Vision X3	2019/06 - 2023/12(4 33MHz G6 MT)

Enter

2. Activation

Select the Activation tab and click the "Activate" button at the bottom of the interface, this will wake up and read the following info: sensor ID, tire pressure, tire temperature, sensor frequency and battery level.

4:24 9/28

4.74 K/s 5G 4G 77

<

Baolong
01734809

Check

Prog

Support Cars



	ID(HEX) ▼	kPa ▼	°C ▼	Battery
1	Checking			
2				
3				
4				
5				

Cancel

3. Programming

The "Program" function enables Lonsdor sensor to adapt to the selected vehicle, replacing the faulty sensor. Three options are available: Copy by sensor ID, Input ID, Auto generate

4:24 9/28

0.07 K/s 5G 4G 77

<

Baolong
01734809

Check

Prog

Support Cars



	ID(HEX) ▼	PSN
1		
2		
3		
4		
5		

Copy by sensor ID

Input ID

Auto generate

4. Supported Vehicle Models

This interface can display all vehicle models supported by the current part number.

To perform the "Diagnosis" and "Learn" functions, select the correct vehicle model, then click the "Enter" button at the bottom.

4:24 9/28

0.09 K/s 5G 4G 77

<

Baolong
01734809

Check

Prog

Support Cars

Car model	Car series	Car year
Geely	Binyue	2018/07 - 2024/12(433MHz)
Geely	Coolray	2018/09 - 2023/12(433MHz)
Geely	Vision X3	2017/12 - 2023/12(433MHz G5)
Geely	Vision X3	2019/06 - 2023/12(433MHz G6 CVT)
Geely	Vision X3	2019/06 - 2023/12(433MHz G6 MT)

Enter

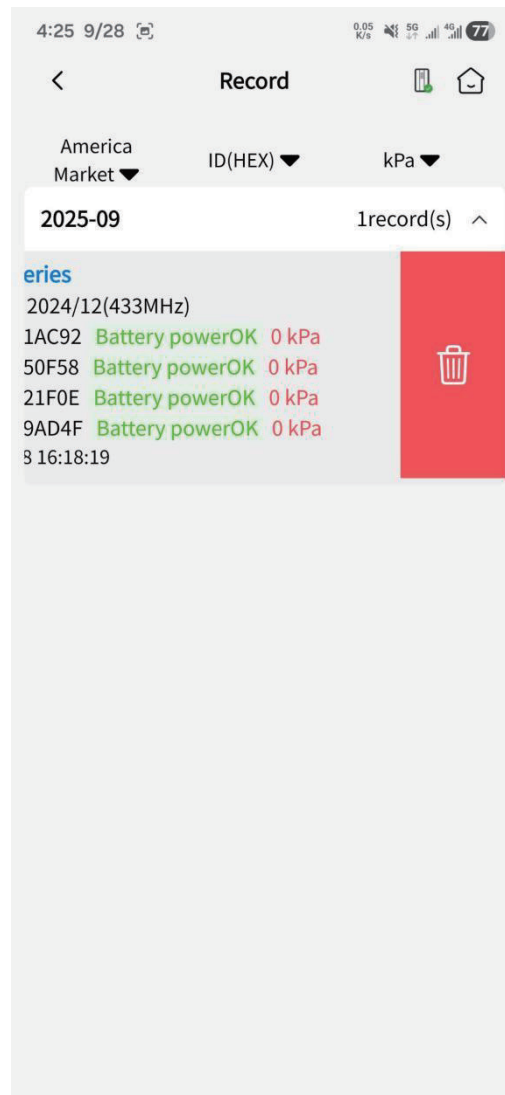
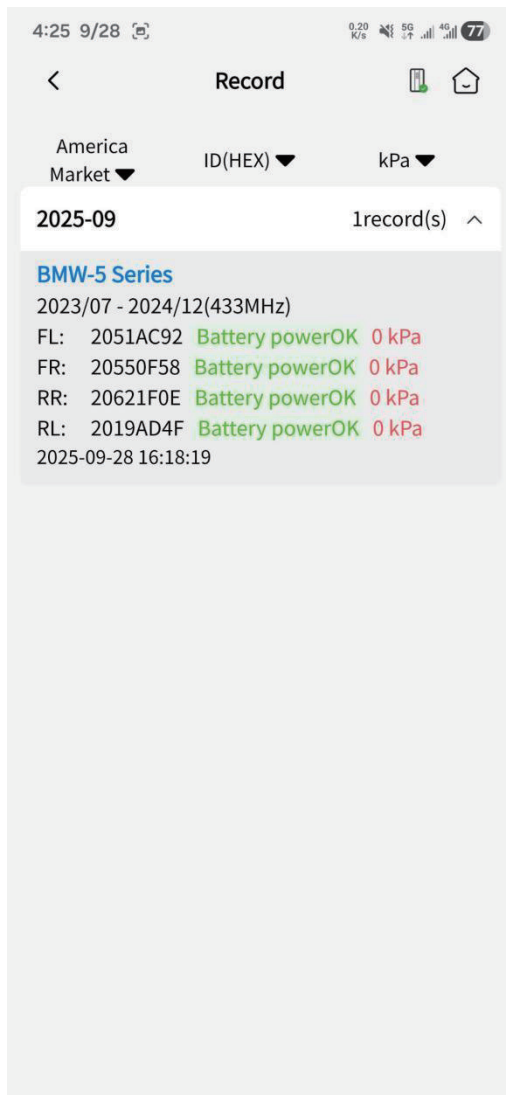
V Test Records

The APP logs partial data from tested vehicles and categorizes it by month.

Users can quickly check sensor data through test records.

Users can select a specific record to quickly enter the tire pressure monitoring function, and load the data from that time.

Users can swipe left on a record to delete it.



After-Sales Service

1. Our company will provide you with superior after-sales service and warranty service within agreed time.
2. The warranty period lasts 12 months since device activation date.
3. Once the product is sold, return and refund is not acceptable if no quality problem.
4. For product maintenance beyond the warranty coverage, our company will charge labor and material costs.
5. If the device breaks down or gets damaged due to any of the following reasons, our company reserve the right not to provide service based on the agreed terms(but you can choose paid service):
 - ※ The entire device and components are beyond the warranty period;
 - ※ Product surface is found flawed or damaged due to user operation(not quality problem);
 - ※ Counterfeit, without certificate or invoice, our official back-end system can not authenticate the device info;
 - ※ Damages due to fail to follow the instructions on operation, use, storage and maintenance in this manual;
 - ※ Damages and faults caused by private disassembly or by improper repair and maintenance of the maintenance company unauthorized by Lonsdor;
 - ※ Liquid inflow, moisture, falling into water or mildewing;
 - ※ The newly purchased device works normally without any damage when unpacked for the first time. But with the prolonged time of use, screen damage occurs, such as screen explosion, scratching, white spots, black spots, silk thread screen, touch damage, etc.
 - ※ Damage by using specific tools and accessories not provided by our company;
 - ※ Force majeure;
 - ※ For the man-made damaged device, if you choose no repair service after we disassemble it and make a quotation, the device appears unstable conditions(such as: boot failure, system crash, etc) when you receive it;
 - ※ Private cracking of the system causes function changes, instability, and quality damage, etc.
6. If the auxiliary parts and other parts(other than the main components of the device) are faulty, you can choose paid repair service provided by our company or our authorized customer service outlets.
7. Our company will perform repair after receiving your device and confirming its problems, so please fill in the problems in details.
8. After repair finished, we will return the device to you, so please fill in the correct delivery address and contact number.
9. Customers who needs to send the device for repair, shall bear the cost such as round-trip delivery cost, transportation cost and etc. If the device gets damaged in the process of delivery, our company shall not bear correlative fees. In particular cases, we will assist the customer to claim for compensation against the shipping company.
10. Our company do not provide sales invoice to individual in any form. Please ask the dealer you purchased from to invoice you if required..
11. Please keep the warranty card properly, and fill in the card when returning your device for repair, so that we can go through relevant work procedure(the warranty card attached to the end of the manual).
- 12.

Aftersales service hotline: 400-966-9130

WhatsApp: +8618938676302/+8618814486441

Skype: live:.cid.22a25301c379a13e/live:.cid.36e93bd8b6197a30

Service time (GMT+8): China time from 8:30am to 6:00pm (legal holidays off).

Website: en.lonsdor.com

E-mail: service@lonsdor.com



Lonsdor WeChat account



Lonsdor website QR code

IC Caution:

RSS-Gen Issue 5 2019"&"CNR-Gen 5 2019: - English:

This device complies with Industry Canada licence-exempt RSS standard(s)

Operation is subject to the following two conditions: (1) This device may not cause interference.and(2)This device must accept any interference. including interference that may cause undesired operation of the device.

The device should be installed and used within a distance of at least 20 cm between the radiator and the body. - French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Déclaration d'exposition aux radiations Cet équipement est conforme Canada

limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 5mm entre le radiateur et votre corps.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

§ 15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 5mm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.