

⚠ Please read this manual before use for your safety

Model	V101M	Document Version	v1.0
Last Updated	2026-02-08		

Contents

- | | | | |
|------------------------|------------------------|---------------------|---------------------|
| 1. Safety & Warnings | 2. Product Description | 3. Package Contents | 4. App Installation |
| 5. Sensor Installation | 6. Sensor Binding | 7. Troubleshooting | 8. Care & Storage |

🛡 1. Safety Information & Warnings

- ⚠ Smartphone must support Bluetooth 4.0 or above. Phones with Bluetooth below 4.0 are not supported.
- ⚠ If tire pressure accelerates down or up continuously, stop the car and check the tire.
- ⚠ Slight tire leakage that reduces pressure over time can be normal and is not related to this product installation.
- ⚠ The product is displayed through the mobile app. Be careful if checking readings on the phone while driving.
- ⚠ This product reads tire pressure and temperature but cannot prevent sudden accidents caused by tire failure. Use high-quality tires.
- ⚠ Each sensor has a unique ID code. Make sure each sensor is installed on the correct corresponding tire position.

📄 2. Product Description

V101M is a BLE tire pressure monitoring product designed for smartphones. After the external BLE tire sensors are installed on the wheels, tire pressure and temperature can be displayed in the app. During travel, readings are updated in real time and the app can send alerts when statistics are abnormal.

📦 3. Package Contents

- ✓ 2× external TPMS sensors
- ✓ 2× anti-theft locks (locking nuts/screws)
- ✓ 1× wrench (installation/removal tool)
- ✓ 1× card (QR code / pairing reference)
- ✓ 1× retail box

📱 4. App Installation

Compatible OS: Android and iOS (Bluetooth 4.0 or above required).

Option 1

Scan the QR code on the card to download and install the app.

Option 2

Search "motorcare" in the Apple App Store / Google Play, or search via elm327.com.



🔧 5. Sensor Installation (External Sensor)

Follow the steps below to install sensors on the tire valves:

Step 1

Remove the tire valve cap and place the anti-theft lock components onto the valve (as required).



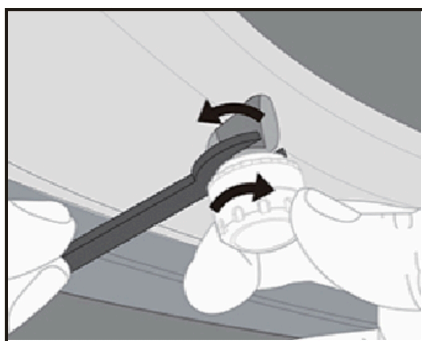
Step 2

Install the external sensor onto the tire valve stem in order.



Step 3

Hold the sensor and tighten the anti-theft lock using the wrench.



Step 4

After installation, check for air leakage.

Important Notes:

- Follow the position marks and install each sensor on the corresponding tire.
- Keep the installation tool (wrench and lock parts) in the vehicle for future installation/removal.
- When tightening the sensor, keep the app open and use auto pairing + "Search" to speed up binding (if available in your app).

6. Sensor Binding / Pairing

After installation, bind sensors in the app:

1. Open the app.
2. Select "Binding Devices".
3. Use "One-click Binding" (auto pairing), or scan the QR code on the card if your app version supports it.
4. After binding succeeds, the app starts receiving tire data.
5. If sensor data cannot be received, reinstall the sensor slowly to ensure air pressure fully contacts the sensor.

7. Troubleshooting

Symptom	Solution
No data shown in app	Check that phone Bluetooth is enabled; verify the phone supports Bluetooth 4.0+; reinstall the sensor slowly and rebind.
Air leakage after installation	Remove the sensor and inspect the valve stem; reinstall and tighten; ensure the valve core is in good condition.
Wrong wheel position data	Rebind sensors to the correct wheel positions. Each sensor has a unique ID; follow the tire position marks.
Delayed data on Android	Some Android devices may show delayed transmission due to hardware performance differences; this can be normal.

8. Care & Storage

- ☑ Keep the wrench and lock parts in the vehicle for future removal/installation.
- ☑ Do not immerse the sensor for long periods; IP67 is intended for water resistance in normal use.
- ☑ Store in a dry place within the storage temperature range when not in use.

Disclaimer

Product specifications may change without notice. The content in this document is for reference only. This product reads tire pressure and temperature but cannot prevent sudden accidents caused by tire failure. Always use high-quality tires and follow vehicle manufacturer recommendations.