

TPMS Sensor Relearn Failure Troubleshooting Guide

Follow these steps to check	Solution
1.Vehicle Compatibility Check	Confirm your vehicle is supported by the tool.Unsupported vehicles cannot be relearned.
2.Tool Self-Check	• Verify batteries are installed with correct polarity. • Remove the insulating sheet between batteries and metal contacts. • Low battery voltage weakens LF signal and fails to activate sensors. • Contact support for tool hardware defects.
3.Vehicle Not in Relearn Mode	• Failed to follow correct steps to enter Relearn Mode. • Dashboard does NOT show “Tire Learning Active”. • The vehicle horn usually beeps when Relearn Mode is activated successfully.
4.Sensor Not Activated/Awakened (Most Common)	• Tool is too far from the valve stem → weak signal. • Green light lit but poor battery quality / low power → weak LF signal. • Sensor battery depleted or sensor defective → no RF transmission. • Non-OEM sensor or protocol mismatch. • Inflate tires to standard pressure before testing. • Hold the tool’s black antenna directly facing the valve stem; or point antenna at the tire side closest to the valve stem.

5. Wrong Relearn Sequence or Operation (Most Common)	• GM models MUST follow: Left Front → Right Front → Right Rear → Left Rear. • Incorrect order → no horn beep, relearn failure. • Relearn session timed out → system exits mode automatically. • Overly frequent operations cause system abnormal. • Tools with Cancel button: Cancel current status before activating the next tire.
6. Signal Interference & Blocking	• Lower all windows fully during relearn. • Park vehicle in open, unobstructed area. • Hold tool close to the tire sidewall near the valve stem during activation.
7. Vehicle TPMS System Malfunction	• RCDLR / BCM internal receiver failure. • TPMS antenna wire broken or connector loose.
8. Abnormal Dashboard Data	Caused by activating sensors in incorrect order.
9. Indicator Light Guide (TP 2in1 Tool for GM / Ford)	• Blinking light: GM activation mode • Solid light: Ford activation mode