

## FOXWELL NT809

# Foxwell NT809 Bidirectional Scan Tool Instruction Manual

Model: NT809 | Brand: FOXWELL

Introduction	What's in the Box	Setup	Operating	Maintenance	Troubleshooting	Specifications
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## 1. INTRODUCTION

The Foxwell NT809 is a professional bidirectional scan tool designed for comprehensive automotive diagnostics. It provides OE-level system diagnosis, active tests, and over 30 maintenance services for a wide range of vehicles. This manual provides essential information for setting up, operating, and maintaining your device.



Image: Foxwell company building, representing the brand's commitment to automotive diagnostic solutions.

Video: An overview of the Foxwell NT809 All System Car Diagnostic Scanner, highlighting its key features and capabilities.

## 2. WHAT'S IN THE BOX

Upon unboxing your Foxwell NT809, please ensure all the following items are present:

- NT809 Car Scanner
- Carrying Case
- Charging Cable
- Instruction Guide



Image: The Foxwell NT809 scan tool, its protective carrying case, and included accessories.

## 3. SETUP

### 3.1 Initial Charging

Before first use, fully charge the NT809 device using the provided charging cable and power adapter. A full charge ensures optimal performance and uninterrupted diagnostic sessions.

### 3.2 Software Updates

Connect the NT809 to a Wi-Fi network to perform software updates. Regular updates ensure compatibility with the latest vehicle models and diagnostic protocols. The device offers 3 years of free updates.



Image: The Foxwell NT809 highlighting its 3 years of free software updates, ensuring up-to-date functionality.

Video: A quick start guide demonstrating the battery registration tool function on the Foxwell NT809.

## 4. OPERATING THE SCAN TOOL

### 4.1 OE-Level All System Diagnosis

The NT809 provides comprehensive diagnostics across all vehicle control modules, including Powertrain, Body, and Chassis systems. It covers over 1000 car lists, including FCA vehicles after 2018, with features like Wi-Fi Update, Auto VIN, Live Data, Freeze Frame, Active Test, and ECU Info.



Image: The Foxwell NT809 performing OE-Level All Control Modules Diagnosis, covering various vehicle systems.

### 4.2 Bi-Directional Control (Active Test)

Perform active tests to check if components or systems are functioning correctly without removing vehicle parts. The tool sends commands to the ECU to test actuators and components, such as wipers, windows, headlights, and door locks.



Image: The Foxwell NT809 demonstrating Bi-Directional Control Active Test, sending commands to vehicle components.

Video: Demonstration of the NT809's bidirectional control for wiper and rear mirror tests.

### 4.3 Live Data & Diagnostic Reports

View live sensor data in text or graph format, supporting 4-in-1 live data streams for easy comparison. The device can record and playback data, and generate detailed diagnostic reports for analysis or sharing.



Image: The Foxwell NT809's Smart Scanner features, including data recording, playback, and diagnostic report generation.

Video: A quick start guide demonstrating the 4-in-1 live data diagnostic tool function on the Foxwell NT809.

## 5. MAINTENANCE SERVICES

The NT809 offers over 30 commonly used maintenance and reset services, enabling you to perform various tasks typically requiring dealership visits. These services include, but are not limited to:

- Oil Reset
- ABS Bleeding
- Battery Registration (BRT)
- Throttle Position Sensor (TPS)
- Tire Pressure Monitoring System (TPMS) Reset
- Steering Angle Sensor (SAS) Calibration
- Electronic Parking Brake (EPB) Reset
- Seat Match
- Window/Door Initialization
- Injector Coding
- Crankshaft Relearn



Image: A visual representation of the 30+ maintenance services available on the Foxwell NT809.

## 6. TROUBLESHOOTING

### 6.1 Device Not Powering On

Ensure the device is fully charged. If connected to the vehicle's OBD port, verify the vehicle's ignition is on and the OBD port is supplying power. Check the charging cable and adapter for any damage.

### 6.2 Connectivity Issues

For Wi-Fi updates, ensure the device is within range of a stable Wi-Fi network. For vehicle communication, ensure the OBDII connector is securely plugged into the vehicle's DLC port.

### 6.3 Software Update Problems

If updates fail, try restarting the device and your Wi-Fi router. Ensure sufficient storage space on the device. If issues persist, contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Manufacturer	FOXWELL
Model	NT809
Item Weight	4.77 pounds
Product Dimensions	14.53 x 10.75 x 3.31 inches
Screen Size	7 Inches
Power Source	Foxwell NT809 automotive diagnostic tool
Operating System	Foxwell NT809 automotive diagnostic tool
Date First Available	September 8, 2021

## 8. WARRANTY & SUPPORT

### 8.1 Customer Support

For any product-related inquiries, technical support, or after-sales service, please contact Foxwell customer support. You can find contact information in the device's settings under 'Customer Service Center' or refer to the included instruction guide.

### 8.2 Remote Assistance

The NT809 supports remote assistance via TeamViewer. This feature allows technical support personnel to remotely access your device to diagnose and resolve issues, providing efficient and convenient help.

### 8.3 FAQs

- **How to do if I get a used/damaged product?**

Customer-returned products may be mistakenly sent out as new by Amazon. Please get in touch with us for a brand new replacement.

- **How Can I know if it's compatible with my vehicle?**

Please check the compatibility list in the image or consult our support.

- **What can NT809 do?**

Reads and clears car full system fault codes, Bi-directional control can locate vehicle fault location, 30+ hot service to solve vehicle problems.