

## XTOOL XTOOL IP608

# XTOOL IP608 Full System OBD2 Scanner Diagnostic Tool User Manual

MODEL: XTOOL IP608

## 1. Introduction

The XTOOL IP608 is a professional-grade diagnostic scanner designed to provide comprehensive system diagnostics and a wide range of maintenance functions for various vehicle makes and models. This manual provides essential information on setting up, operating, maintaining, and troubleshooting your IP608 device to ensure optimal performance and longevity.

With its user-friendly interface and robust features, the IP608 empowers users to perform advanced vehicle diagnostics and maintenance tasks, reducing the need for frequent dealership visits.

## 2. Key Features

- **30+ Pro-Level Maintenance Functions:** Includes essential services such as EPB, SAS, BMS, Throttle Relearn, ABS Bleeding, Oil Reset, DPF Regeneration, TPMS Reset, Injector Coding, and more.
- **Full Systems Diagnostic with 8-in-1 Live Data:** Capable of in-depth diagnostics for all vehicle systems (Engine, Transmission, ABS, ESP, SAS, Airbag, Battery, etc.) with real-time data display and comparison for up to 8 parameters.
- **Advanced Hardware & CAN FD Protocol:** Equipped with a 1.5GHz quad-core processor and Android 10.0, supporting CAN FD protocol for faster scanning. Features a 5-inch HD screen and 2GB RAM with 32GB storage.
- **One-Click WiFi Lifetime Update:** Provides wireless software upgrades for the lifetime of the device, ensuring compatibility with new vehicle models and features.
- **Wide Vehicle Coverage:** Supports over 10,000 vehicles from America, Asia, Europe, and Australia, including GM vehicles 2020+ without needing CAN FD adapters.



Figure 2.1: Overview of XTOOL IP608 Key Features.

### 3. Product Overview



Figure 3.1: XTOOL IP608 Diagnostic Tool and Packaging.

### 3.1 Device Components

- **Main Unit:** The tablet-like device with a 5-inch HD touchscreen.
- **OBD2 Cable:** For connecting the device to the vehicle's OBD2 port.
- **Power Adapter:** For charging the device.
- **User Manual:** This document.

## 4. Setup

### 4.1 Initial Power-On

1. Ensure the device is fully charged using the provided power adapter.
2. Press and hold the power button located on the side of the device until the screen illuminates.
3. Follow the on-screen prompts to select your preferred language and time zone.

## 4.2 Connecting to Vehicle

1. Locate the vehicle's OBD2 diagnostic port, typically found under the dashboard on the driver's side.
2. Connect one end of the OBD2 cable to the IP608 device and the other end to the vehicle's OBD2 port.
3. Turn the vehicle's ignition to the 'ON' position (engine off). The IP608 will automatically power on or prompt you to do so.

## 4.3 Wi-Fi Setup and Initial Update

1. From the main menu, tap on 'Settings' or 'Update'.
2. Select 'Wi-Fi' and connect to an available wireless network.
3. Once connected, navigate to the 'Update' section. The device will check for available software updates.
4. Tap 'One-Click Update' to download and install the latest software. Ensure a stable internet connection during this process.

# 5. Operating Instructions

## 5.1 Navigating the Interface

The IP608 features an intuitive Android-based touchscreen interface. Tap icons to select functions and use the back button or gestures to return to previous screens.

## 5.2 Full System Diagnostics



Figure 5.1: All Systems Diagnostics Capabilities.

1. From the main menu, tap 'Diagnosis'.
2. Select 'Auto Scan' or manually choose the vehicle make, model, and year.
3. The device will scan all available systems for Diagnostic Trouble Codes (DTCs).
4. Review the scan report. You can select specific systems to view 'Read Codes', 'Clear Codes', 'Live Data', or 'ECU



Information'.

5. For 'Live Data', you can select up to 8 parameters for 8-in-1 graphing and data view. This allows for real-time monitoring and comparison of vehicle parameters.



Figure 5.2: 8-in-1 Graphing & Data View.

### 5.3 Special Functions / Maintenance Services



Figure 5.3: List of 30+ Maintenance Services.

The IP608 offers over 30 special functions for various maintenance tasks. Compatibility may vary by vehicle model and

year. Always verify compatibility using the vehicle's VIN before performing a service.

1. From the main menu, tap 'Special Function'.
2. Select the desired maintenance function (e.g., 'EPB Reset', 'ABS Bleeding', 'Throttle Relearn').
3. Follow the on-screen instructions carefully to complete the procedure. These instructions are specific to the selected function and vehicle.



Figure 5.4: Examples of Popular Services.

## 6. Maintenance

### 6.1 Software Updates

Regular software updates are crucial for maintaining optimal performance, adding new vehicle coverage, and fixing potential bugs. The XTOOL IP608 offers lifetime free updates via Wi-Fi.

- Connect the device to a stable Wi-Fi network.
- Navigate to the 'Update' section on the main menu.
- Tap 'One-Click Update' to download and install the latest software packages.

### 6.2 Cleaning the Device

Use a soft, damp cloth to clean the screen and exterior of the device. Avoid using abrasive cleaners or solvents that could damage the screen or casing.

### 6.3 Battery Care

The device contains a Lithium Ion battery. To prolong battery life:

- Avoid exposing the device to extreme temperatures.
- Charge the device regularly, but avoid leaving it fully charged or fully discharged for extended periods.
- Use only the original power adapter provided with the device.

## 7. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery; Faulty power adapter/cable; Device malfunction.	Charge the device for at least 30 minutes. Try a different power outlet. Contact technical support if issue persists.
Cannot connect to vehicle.	Loose OBD2 cable connection; Vehicle ignition not ON; Faulty OBD2 port; Incompatible vehicle.	Ensure cable is securely connected. Turn ignition to 'ON'. Check vehicle's OBD2 port. Verify vehicle compatibility.
Software update fails.	Unstable Wi-Fi connection; Insufficient storage space; Server issue.	Ensure strong Wi-Fi signal. Clear some storage if needed. Try updating again later.
Specific function not working.	Vehicle incompatibility; Incorrect procedure; Software bug.	Verify function compatibility for your specific vehicle VIN. Review the procedure steps. Ensure software is up to date. Contact technical support.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact XTOOL technical support for assistance.

## 8. Specifications

Specification	Detail
Manufacturer	XTOOL
Model	XTOOL IP608
Item Weight	2.86 pounds
Product Dimensions	11.22 x 11.14 x 2.83 inches
Batteries	1 Lithium Ion battery required (included)
Operating System	Android 10.0
Display Resolution	480x854
CAN FD Protocol	Supported
Storage	2GB RAM, 32GB internal storage
Connectivity	Wi-Fi (2.5 & 5.0 GHz Dual Wi-Fi)

## 9. Warranty and Support

### 9.1 Product Warranty

The XTOOL IP608 comes with a **2-year warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Lifetime Free Updates





The device includes **lifetime free software updates**. These updates ensure your scanner remains compatible with the latest vehicle models and diagnostic protocols.

9.3 Technical Support

For technical assistance, troubleshooting, or any questions regarding your XTOOL IP608, please contact XTOOL customer support. Support information can typically be found on the official XTOOL website or through the 'Remote' function on your device, which may allow for remote assistance.

No official seller videos were found in the provided data for embedding in this manual.

Related Documents - XTOOL IP608

	<p><a href="#">XTOOL D7 Smart Diagnostic System User Manual - Automotive Repair</a></p> <p>Explore the XTOOL D7 Smart Diagnostic System with this comprehensive user manual. Learn about its advanced features for full system diagnostics, OBD-II functions, and specialized maintenance resets like ABS, EPB, Oil, TPMS, and more. Includes setup, operation, and troubleshooting guides.</p>
	<p><a href="#">XTOOL D7 Smart Diagnosis System User Manual: Comprehensive Guide to Automotive Diagnostics</a></p> <p>User manual for the XTOOL D7 Smart Diagnosis System, an advanced Android-based OBD2 scanner. Covers setup, operation, system diagnostics, and special reset functions for professional and DIY automotive repair.</p>
	<p><a href="#">XTOOL D6S Smart Diagnostic System User Manual</a></p> <p>Comprehensive user manual for the XTOOL D6S Smart Diagnostic System, detailing its features, operation, maintenance services, special functions, and safety guidelines for automotive professionals and DIY enthusiasts.</p>
	<p><a href="#">Anyscan A30 User Manual: Automotive Diagnostic Tool Guide</a></p> <p>Comprehensive user manual for the XTOOL Anyscan A30, an automotive diagnostic tool. Learn about safety, setup, app usage, diagnosis, services, settings, and updates for your vehicle.</p>



