

XTOOL D5S

XTOOL D5S OBD2 Scanner User Manual

Model: D5S | Brand: XTOOL

INTRODUCTION

The XTOOL D5S OBD2 Scanner is a comprehensive diagnostic tool designed for both professional mechanics and DIY enthusiasts. It offers extensive vehicle coverage, advanced diagnostic functions, and essential maintenance resets to help users efficiently identify and resolve vehicle issues. This manual provides detailed instructions for setting up, operating, and maintaining your D5S scanner.

WHAT'S IN THE BOX

- XTOOL D5S Scan Tool
- OBD2 Cable
- Type C Cable for Charging
- Quick Guide
- 24/7 Tech Support: [xtoolofficial @ hotmail . c o m](mailto:xtoolofficial@hotmail.com)



The XTOOL D5S scanner unit with its OBD2 cable and Type-C charging cable.

SETUP

1. **Charge the Device:** Connect the XTOOL D5S to a power source using the provided Type C cable. Ensure the device is sufficiently charged before first use.
2. **Power On:** Press and hold the power button located on the top of the device to turn it on.
3. **Connect to Vehicle:** Locate your vehicle's OBD2 port (typically under the dashboard on the driver's side). Plug the OBD2 cable into the port and connect the other end to the XTOOL D5S scanner.
4. **Ignition On:** Turn the vehicle's ignition to the "ON" position. Do not start the engine unless instructed by a specific diagnostic procedure.
5. **Wi-Fi Setup:** Navigate to "More" > "Settings" > "Wi-Fi connection" to configure.
6. **Software Updates:** After connecting to Wi-Fi, navigate to the "Updates" section on the main menu. Download

and install all available software updates to ensure optimal performance and the latest vehicle coverage.



The XTOOL D5S scanner connected to the vehicle's OBD2 port.

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Video: Demonstrates connecting the XTOOL D5S to a vehicle's OBD2 port and initial power-up. This video highlights the physical connection process and the device's boot sequence, showing the main menu interface.

OPERATING INSTRUCTIONS

1. 4 Main System Diagnostics

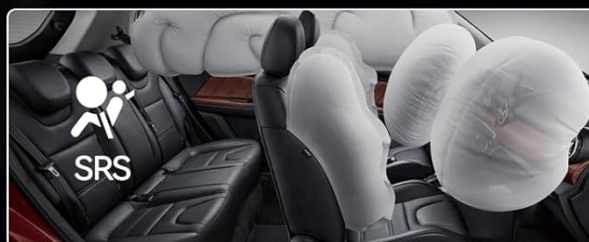
The D5S provides access to the Engine, Transmission, ABS, and SRS systems to read Diagnostic Trouble Codes (DTCs) and view live data. This is crucial for identifying issues in these critical vehicle systems.

- **Engine:** Diagnose engine light issues, misfires, rough idle, and sensor problems.

- **ABS (Anti-lock Braking System):** Read and clear ABS codes, troubleshoot brake sensor and traction control issues, and perform ABS bleeding.
- **SRS (Supplemental Restraint System):** Scan and clear airbag codes related to airbags, seatbelt tensioners, and crash sensors.
- **Transmission:** Read and clear transmission trouble codes, monitor real-time TCM data, and perform transmission resets.

4 Main System Diagnostics

Covers the 4 systems behind your car's most common warning lights—so you know what's wrong before heading to the shop



NOTE: Please make sure the issue you want to diagnose belongs to one of the four systems

The XTOOL D5S interface displaying options for Engine, SRS, ABS, and Transmission diagnostics.

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Video: Illustrates the process of checking airbag SRS systems using the XTOOL D5S, including reading live data from seatbelt switches and occupant detection systems.

2. 16 Essential Maintenance Functions

The D5S offers 16 high-demand reset functions for common maintenance needs:

- Electronic Parking Brake Reset (EPB)

- SAS (Steering Angle Sensor) Reset
- BMS (Battery Management System) Reset
- Throttle Body Relearn
- TPMS (Tire Pressure Monitoring System) Reset
- ABS Bleeding
- Injector Coding
- Gearbox Match
- Suspension Adjustment
- Headlight Adjustment
- Window Initialization
- Crank Sensor Relearn
- Oil Reset
- EGR Relearn
- DPF/GPF Regeneration
- Control Unit Reset

16 Essential Maintenance Functions

Special functions vary by vehicle, please check the compatibility before purchase.



Oil Reset



EPB



BMS Reset



Throttle



TPMS Reset



ABS Bleeding



Headlight



Suspension



Note:

Can't find the menu? It might not be supported by your vehicle.
Contact us at xtoolofficial@hotmail.com for assistance.

A visual representation of the 16 essential maintenance functions available on the XTOOL D5S.

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Video: Demonstrates the Throttle Body/Position Sensor Reset function, guiding the user through the steps to perform the reset and showing the device's interface during the process.

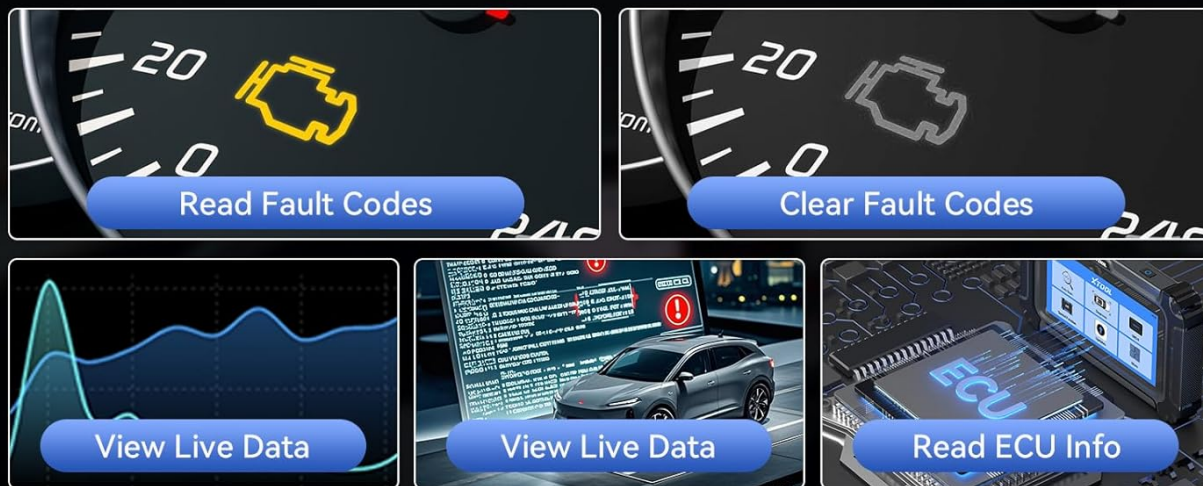
3. Full OBD2 Functions

The D5S supports all 10 modes of OBD2 tests, allowing you to check engine lights, read and clear DTCs, view freeze frame data, and perform various diagnostic tests.

- Read/Clear DTCs
- DTCs Lookup
- Freeze Frame
- I/M Readiness
- O2 Sensor Monitor Test
- Data Stream

- On-Board Monitoring Test
- EVAP Test
- Vehicle Information

Quick Turn off Warning Light On



10 Modes of OBD2 Tests

- SMOG Check ✓
- Check Pending Codes ✓
- Check Permanent Trouble Code ✓
- Poor Fuel Economy / Rough Idle ✓
- Monitor Fuel Trim, Temp, O2 Sensors, etc Pids ✓



The XTOOL D5S interface showing options to read and clear fault codes, view live data, and read ECU info.

4. AutoVIN and DTC Lookup

AutoVIN/Auto Scan technology automatically identifies your vehicle for quick diagnostics. The built-in DTC library helps you quickly understand fault codes. Diagnostic reports can be saved and shared.

Monitor and Graph Up to 4 Live Data Streams

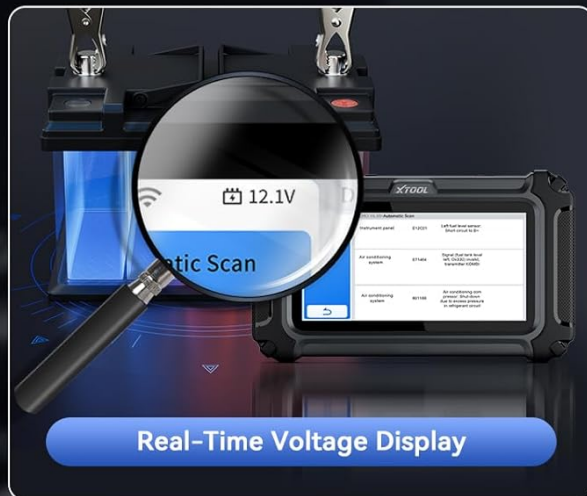


The XTOOL D5S displaying live data streams for various vehicle parameters.

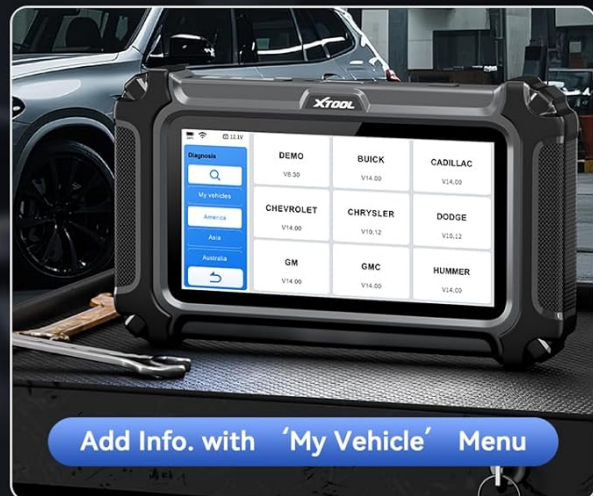
5. Real-Time Engine Monitoring / Live Data

Monitor live data like fuel trim, O2 sensor voltage, RPM, and coolant temp to pinpoint issues. Data can be displayed in text or up to 4 PID data graphs for visual analysis.

Clear, Smart, and Quick Navigation for Easy Diagnostics



Real-Time Voltage Display



Add Info. with 'My Vehicle' Menu



One-Touch Auto Scan & CAN Fast Scan



OBD2 Diagnostics at Your Fingertips

The XTOOL D5S interface highlighting real-time voltage display, "My Vehicle" menu, and quick access buttons for Auto Scan and OBD2 Diagnostics.

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Video: Demonstrates the live data functionality of the XTOOL D5S, showing various sensor readings and their real-time updates, including cylinder acceleration values.

6. Software Updates

Enjoy free lifetime software updates over Wi-Fi. This ensures your D5S remains updated with the latest features and vehicle compatibility without hidden fees.

Global Version without IP Restriction



Wide Car Coverage



The XTOOL D5S supports multiple languages and offers continuous updates for broad vehicle compatibility.

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Video: Shows the updates menu on the XTOOL D5S, demonstrating how to access and install software updates for various vehicle brands.

MAINTENANCE

- **Keep Clean:** Wipe the device with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Store Properly:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Regularly check for and install software updates to ensure the device functions optimally and has the latest vehicle data.
- **Battery Care:** Charge the battery regularly, even if not in use, to prolong its lifespan.

TROUBLESHOOTING

- **Device Not Powering On:**
 - Ensure the battery is charged.
 - Verify the OBD2 cable is securely connected to both the device and the vehicle.
 - Check the vehicle's OBD2 port for power (some vehicles require ignition to be on).
- **Communication Error:**
 - Confirm the vehicle's ignition is in the "ON" position.
 - Check for loose cable connections.
 - Ensure the vehicle is OBD2 compliant (most vehicles after 1996).
 - Try a different vehicle to rule out device issues.
- **Fault Code Returns After Clearing:**
 - This indicates the underlying issue has not been fully resolved. Address the root cause of the fault.
- **Screen Unresponsive:**
 - Perform a soft reset by holding the power button until the device restarts.




SPECIFICATIONS




Brand	XTOOL
Model	XTOOL D5S Smart Diagnostic System
Operating System	Linux
Display Resolution	720x1440
Screen Size	5.45 inches
Item Weight	1.76 pounds
Storage	32GB (expandable)
Battery	1 Lithium Polymer battery (included)
Connectivity	OBD2 Cable, Type C USB, Wi-Fi
Supported Protocols	CAN FD, ISO 9141-2, ISO 14230-4 (KWP2000), SAE J1850 PWM, SAE J1850 VPW, ISO 15765-4 (CAN-BUS)

WARRANTY AND SUPPORT

The XTOOL D5S OBD2 Scanner comes with a **2-year warranty**. XTOOL provides **lifetime technical support** for its products. For any issues or technical assistance, please contact XTOOL's dedicated support team at xtoolofficial@hotmail.com. Free lifetime software updates are available to ensure continued access to the latest features and vehicle compatibility.

Related Documents - D5S

<div><div><div>XTOOL</div><div>D7 DIAGNOSTIC TOOL</div><div>USER MANUAL</div></div><div></div><div><div>Version 1.0</div><div>Hardware: XTOOL D7 Diagnostic Tool, 128GB</div></div></div>	<div><div>XTOOL D7 Diagnostic Tool User Manual</div><div>Comprehensive user manual for the XTOOL D7 Diagnostic Tool, covering its features, operation, safety guidelines, and troubleshooting. Learn how to perform various diagnostic functions, special services, and system resets for a wide range of vehicles.</div></div>
<div><div><div>XTOOL</div><div>D7 Smart Diagnosis System</div><div>User Manual</div></div><div></div></div>	<div><div>XTOOL D7 Smart Diagnosis System User Manual: Comprehensive Guide to Automotive Diagnostics</div><div>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.</div></div>
<div><div><div>XTOOL</div><div>D6S Smart Diagnostic System</div><div>USER MANUAL</div></div><div></div><div><div>Hardware</div><div>Update: 3/17/2024</div></div></div>	<div><div>XTOOL D6S Smart Diagnostic System User Manual</div><div>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.</div></div>

<div><div>XTOOL</div><div>User Manual</div><div>D7 Smart Diagnostic System</div><div></div></div>	<div>XTOOL D7 Smart Diagnostic System User Manual - Automotive Repair</div> <div>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.</div>
<div><div>XTOOL</div><div>D7 Smart Diagnosis System</div><div>User Manual</div><div></div></div>	<div>XTOOL D7 Smart Diagnosis System User Manual: Features and Operation Guide</div> <div>Comprehensive user manual for the XTOOL D7 Smart Diagnosis System. Learn about its advanced vehicle diagnostic capabilities, extensive special functions for maintenance and resets, and how to effectively use the device for automotive repair.</div>
<div><div>Anyscan A30M User Manual</div><div></div><div>Safety Information <small>1. Please read this manual carefully before using the device. It contains important safety information and instructions for the correct use of the device. Failure to follow these instructions may result in personal injury or damage to the device. 2. The device is not to be used in the presence of flammable or explosive gases, vapors, or liquids. It is not to be used in the vicinity of open flames or other sources of ignition. 3. The device is not to be used in the vicinity of high voltage electrical equipment or power lines. 4. The device is not to be used in the vicinity of medical equipment or other sensitive electronic equipment. 5. The device is not to be used in the vicinity of aircraft or other vehicles. 6. The device is not to be used in the vicinity of fire or other hazards. 7. The device is not to be used in the vicinity of children or other persons who are not familiar with the device. 8. The device is not to be used in the vicinity of any other person who is not authorized to use the device. 9. The device is not to be used in the vicinity of any other person who is not authorized to use the device. 10. The device is not to be used in the vicinity of any other person who is not authorized to use the device.</small></div></div>	<div>Anyscan A30M User Manual - XTOOL Automotive Diagnostic Tool</div> <div>Comprehensive user manual for the XTOOL Anyscan A30M, detailing its features, operation, safety guidelines, and diagnostic functions for automotive repair.</div>