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› CTobd multidiag pro Plus OBD2 Scanner Diagnostic Tool User Manual

CTobd multidiag pro

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Model: multidiag pro

1. INTRODUCTION

The CTobd multidiag pro Plus is a versatile OBD2 scanner and diagnostic tool designed for comprehensive vehicle analysis. It supports a wide range of cars and trucks manufactured before 2021, offering full system diagnostic capabilities. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.



Image 1.1: The CTobd multidiag pro Plus diagnostic tool, illustrating its compatibility with both trucks and cars.

2. PRODUCT OVERVIEW

2.1 Key Features

- Manufacture-specific serial diagnosis for in-depth analysis.
- Comprehensive scan function for quick system checks.
- EOBD/OBDII communication for standard diagnostic protocols.
- Support for various serial systems including Engine, Ignition, Climate, ABS, and SRS.
- Service reset functions for maintenance indicators.
- Functions for Immobilizer, Instrument, Comfort System, and Gear-box diagnostics.
- Compatible with Delphi and Autcom software.
- Supports 21 languages for global usability.



Support cars and trucks
Compatible with Delphi software
and Autcom software

Image 2.1: The diagnostic tool highlighting its compatibility with various vehicle types and software platforms.

2.2 What's in the Box

Upon unboxing, please verify that all components are present:

- 1 x CTobd multidiag pro Plus Diagnostic Unit
- USB Cables for PC connection



Image 2.2: Contents of the package, including the diagnostic unit and connection cables.

3. SETUP

Follow these steps to set up your CTobd multidiag pro Plus diagnostic tool:

1. **System Requirements:** Ensure your computer runs on Windows 7, Windows 10, or Windows 11.
2. **Software Installation:** Install the diagnostic software (e.g., Delphi or Autcom) on your computer. Refer to the software provider's instructions for detailed installation steps.
3. **Connect to PC:** Use the provided USB cable to connect the multidiag pro Plus unit to your computer.
4. **Connect to Vehicle:** Locate the OBD2 port in your vehicle (typically under the dashboard) and connect the multidiag pro Plus unit using the appropriate OBD2 cable. Ensure a secure connection.
5. **Power On:** The device will draw power from the vehicle's OBD2 port. Once connected, the indicator lights on the device should illuminate, signifying it is powered on.

4. OPERATING INSTRUCTIONS

Once the device is set up and connected, you can begin diagnostic operations:

- 1. **Launch Software:** Open the installed diagnostic software on your computer.
- 2. **Vehicle Selection:** Within the software, select the make, model, and year of the vehicle you are diagnosing. The tool supports a wide range of car and truck brands.
- 3. **System Selection:** Choose the specific system you wish to diagnose (e.g., Engine, ABS, SRS, Climate Control).
- 4. **Perform Diagnosis:** Initiate the diagnostic scan. The software will communicate with the vehicle's ECU and display relevant data, fault codes, or live parameters.
- 5. **Execute Functions:** Depending on the selected system, you can perform various functions such as reading/clearing fault codes, viewing live data, performing service resets, or activating components.

4.1 Supported Vehicle Brands

The multidiag pro Plus supports a comprehensive list of vehicle brands for both cars and trucks:

Supported Car Brands

Support for cars					
Brand					
Abarth		Honda		Mazda	
Alfa Romeo		Hyundai		Mercedes	
Audi		Infiniti		MG	
Bentley		Isuzu		Mini	
BMW		Iveco		Mitsubishi	
Cadillac		Jaguar		Multicar	
Chevrolet		Jeep		Nissan	
Chrysler		Jinbei		Opel	
Citroën		JMC		Peugeot	
Dacia		KIA		Porsche	
Daewoo		LADA		Renault	
Daihatsu		Ladog		Rolls-Royce	
Dodge		Lamborghini		Rover	
DS Automobiles		Lancia		Saab	
Ferrari		Land Rover		Samsung	
Fiat		Lexus		Seat	
Ford		Lotus		Shuanghuan	
Foton		Mahindra/Renault		Škoda	
Gaz		MAN LCV		Smart	
GWM		Maserati		SsangYong	

Image 4.1: A partial list of car brands compatible with the diagnostic tool.

Supported Truck Brands

Support trucks			
Brand			
Agrale Bus	Hyundai	Mercedes	Solaris
Agrale Trucks	Irisbus Chassis	Mercedes bus / Setra	Tata
Alexander Dennis	Isuzu 	Mercedes Truck	Toyota
Allison	Isuzu bus 	Mercedes Truck South America	Trailers
Autosan	Isuzu Truck	Mitsubishi	UAZ
Chevrolet	Iveco	Mitsubishi Fuso	Vauxhall
Citroën	Iveco Bus	Multicar	VDL Berkhof
Dacia	Iveco Trucks	Nissan	VDL Bova
DAF	Iveco Trucks South America	Nissan Trucks	VDL Bus & Coach
Dennis Eagle	Kamaz	Opel	VDL Jonckheere
EvoBus Chassis	KIA	Optare	Volare
Fiat	King Long	Otokar	Volksbus
Ford	Ladog	Peugeot	Volkswagen
Ford Cargo	Mahindra/Renault	Plaxton	Volkswagen Truck
Gaz	MAN 	Renault	Volvo Bus Chassis
Gaz Trucks	MAN Bus Chassis 	Renault Trucks	Volvo Truck South America
Generic Bus Systems	MAN LCV	Scania	Volvo Trucks
Generic Truck Systems	Maz	Scania Bus Chassis	Yutong
Heuliez Bus	Maz Bus Chassis	Seat	
Hino	Mazda	Škoda	

Image 4.2: A partial list of truck brands compatible with the diagnostic tool.

4.2 Diagnostic Functions

The tool offers a wide array of diagnostic functions:

- Manufacture Specific Serial Diagnose
- Scan Function
- EOBD/OBDII Communication
- Serial Systems
- Engine Diagnostics
- Ignition System Analysis
- Climate Control Diagnostics

- ABS (Anti-lock Braking System) Diagnostics
- SRS (Supplemental Restraint System) Diagnostics
- Service Reset
- Immobilizer Functions
- Instrument Cluster Diagnostics
- Comfort System Diagnostics
- Gear-box Diagnostics

About Function:

it can do the following:

- 1.Manufacture specific serial diagnose
- 2.Scan function
- 3.EOBD/OBDII communication
- 4.Serial Systems
- 5.Engine
- 6.Ignition
- 7.Climate
- 8.ABS, SRS
- 9.Service reset
- 10.Immobilizer, Instrument
- 11.Comfort system
- 12.Gear-box etc

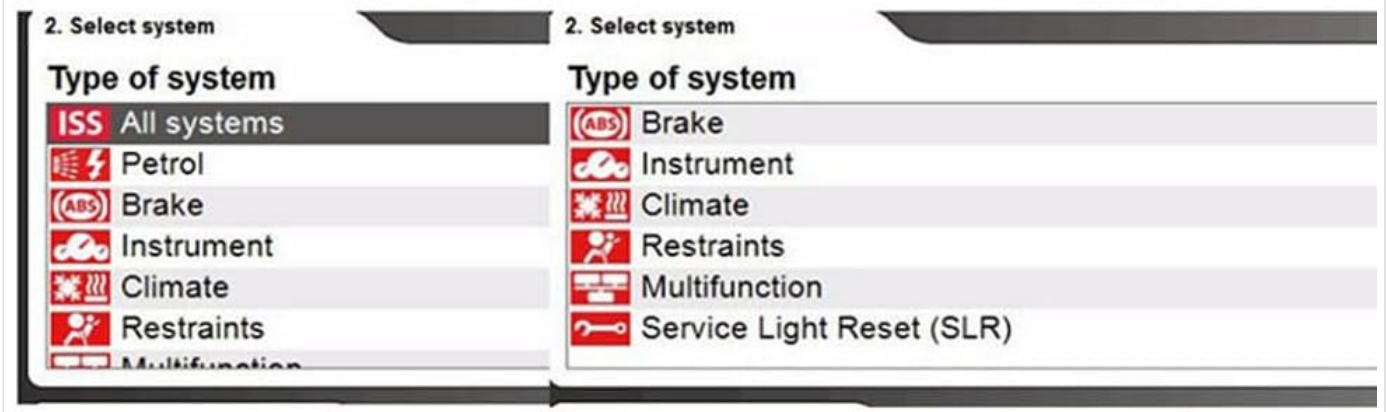


Image 4.3: A visual representation of the various diagnostic functions available.

Function

Type of system

	System Scan
	Service Light Reset (SLR)
	Petrol
	Diesel
	Brake
	Instrument
	Climate
	Gearbox
	Immobiliser
	Restraints
	ADAS
	Multifunction

Image 4.4: Software interface demonstrating the selection of different vehicle systems for diagnosis.

4.3 Supported Languages

The diagnostic tool supports 21 languages, ensuring accessibility for a global user base.

Supports 21 languages



Image 4.5: Visual display of the 21 languages supported by the device.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliability of your diagnostic tool:

- **Cleaning:** Regularly wipe the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case when not in use.
- **Cable Care:** Inspect cables for any signs of wear or damage before each use. Replace damaged cables immediately to prevent electrical issues or connectivity problems.
- **Software Updates:** Periodically check the software provider's website for updates. Keeping your diagnostic software current ensures compatibility with newer vehicle models and access to the latest features and bug fixes.

6. TROUBLESHOOTING

If you encounter issues with your CTobd multidiag pro Plus, refer to the following common troubleshooting steps:

- **Device Not Powering On:**
 - Ensure the OBD2 cable is securely connected to the vehicle's OBD2 port.
 - Verify the vehicle's ignition is in the 'ON' position (engine can be off).
 - Check the vehicle's fuse for the OBD2 port if no power is detected.
- **No Communication with Vehicle:**
 - Confirm the USB cable is properly connected between the device and the computer.
 - Ensure the diagnostic software is correctly installed and updated.
 - Verify that the correct vehicle make, model, and year are selected in the software.
 - Check for any driver issues on your computer for the diagnostic tool.
- **Software Freezing or Crashing:**
 - Close and restart the diagnostic software.
 - Ensure your computer meets the minimum system requirements (Windows 7/10/11).
 - Update the diagnostic software to the latest version.
 - Temporarily disable antivirus software if it interferes with the diagnostic application.
- **Inaccurate Readings/Codes:**
 - Ensure the vehicle information entered into the software is accurate.
 - Verify the vehicle's battery voltage is stable. Low voltage can affect diagnostic accuracy.
 - Consult the vehicle's service manual for specific diagnostic procedures.

7. SPECIFICATIONS

Feature	Specification
Brand	CTobd
Model	multidiag pro
Power Source	Corded Electric
Product Dimensions (L x W x H)	9.75" x 5.46" x 2.73"
Operating System Compatibility	Windows 7, Windows 10, Windows 11
Automotive Fit Type	Universal Fit
Item Weight	1.43 pounds
UPC	742440778643

Feature	Specification
Date First Available	March 14, 2025

8. WARRANTY AND SUPPORT

For technical assistance, product inquiries, or warranty information, please contact CTobd customer service. Refer to your purchase documentation for specific contact details or visit the official CTobd website for support resources.

Always ensure you are using official software and drivers to maintain product integrity and receive proper support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question