

[manuals.plus](#) /

› [AVAPOW](#) /

› [AVAPOW AV-D600 OBD2 Scanner 4-System Diagnostic Tool User Manual](#)

AVAPOW AV-D600

AVAPOW AV-D600 OBD2 Scanner 4-System Diagnostic Tool User Manual

Model: AV-D600

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your AVAPOW AV-D600 OBD2 Scanner. The AV-D600 is a professional diagnostic tool designed to assist both DIY enthusiasts and small workshops in identifying and resolving vehicle issues across multiple systems. Please read this manual thoroughly before using the device to ensure proper and safe operation.



Image: The AVAPOW AV-D600 OBD2 Scanner, showcasing its display and ergonomic design.

PRODUCT FEATURES

- **4-System Diagnostic Coverage:** Diagnoses Engine, Transmission, SRS (Airbag), and ABS (Anti-lock Braking System) for comprehensive vehicle health checks.
- **3 Essential Reset Functions:** Includes Oil Reset, Electronic Parking Brake (EPB) Reset, and Battery Calibration for common maintenance tasks.
- **Universal Vehicle Compatibility:** Supports all OBDII protocols (KWP2000/ISO9141/CAN/J1850) for gasoline vehicles from 1996 onwards and diesel vehicles from 2006 onwards (US market).
- **Auto VIN Function:** Automatically identifies vehicle information for quick and easy setup.
- **14 Basic Diagnostic Functions:** Features include Read/Clear DTCs, Live Data Graphing, I/M Readiness Status, Freeze Frame Data, Battery Test, Oxygen Sensor Monitoring, On-Board Monitoring, Performance Test, DTC Lookup, and Cloud Printing.
- **Lifetime Wi-Fi Updates:** Provides free, continuous software updates via Wi-Fi to ensure compatibility with new vehicle

models and the latest DTC library.

- **Ergonomic Design:** Equipped with an anti-slip ergonomic handle for comfortable single-hand operation during extended diagnostic sessions.



Image: Visual representation of the AVAPOW AV-D600's 4-system diagnostic capabilities, including Engine, Transmission, SRS, and ABS.

OBD2 Scanner with 3 Key Reset Functions

Save \$50-100/Time



The main image shows a smiling male mechanic in a blue and grey uniform leaning over a car's open hood. He is holding the AVAPOW AV-D600 OBD2 scanner, which has a color screen displaying various vehicle status icons like oil pressure, battery, and brake. The scanner is connected to the car's engine via a cable.



A close-up shot of a funnel pouring golden oil into a car's engine oil fill port.

Oil Reset:
Avoid 4S Oil Service Fees



A mechanic is shown working on a car battery, using a tool to adjust or clean the terminals.

Battery Match:
Eliminate Battery Coding Charges



A mechanic is seated in the driver's seat of a car, holding the AVAPOW scanner to perform a reset function.

EPB Reset:
Skip Electronic Brake Reset Costs

Image: The AVAPOW AV-D600 demonstrating its Oil Reset, Battery Match, and EPB Reset functions.

Professional OBD2 Scanner Has All You Need



Image: An overview of the 14 basic diagnostic functions available on the AVAPOW AV-D600, such as Auto VIN, Read/Clear DTCs, Live Data, and Battery Test.

PACKAGE CONTENTS

Upon opening the package, please verify that all items listed below are present and in good condition:

- AVAPOW AV-D600 Diagnostic Tool
- Carrying Case
- Charging Cable (USB)
- OBDII Diagnostic Cable
- Quick Guide
- User Manual (this document)

What's In The Box



Diagnostic Tool



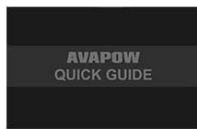
Carrying Case



Charging Cable



OBDII Diagnostic Cable



Quick Guide



User Manual



Image: The AVAPOW AV-D600 package contents, including the diagnostic tool, carrying case, charging cable, OBDII cable, quick guide, and user manual.

SETUP

Follow these steps to set up your AVAPOW AV-D600 for initial use:

1. Step 1: Locate and Plug into OBDII Port

Identify your vehicle's OBDII diagnostic port, typically located under the dashboard on the driver's side. Connect the OBDII diagnostic cable from the AV-D600 to this port.

2. Step 2: Activate Vehicle Ignition

Turn your vehicle's ignition to the "ON" position. The engine does not need to be running.

3. Step 3: Begin Diagnosis

The AV-D600 will power on automatically. Follow the on-screen prompts to select your desired diagnostic function.

User-Friendly Operation

Even Beginners Can Do It!

STEP 1

Plug into your car's OBDII port



STEP 2

Activate your car's ignition



STEP 3

Start diagnosis with Avapow AV-D600



Image: A visual guide illustrating the three setup steps: plugging into the OBDII port, activating vehicle ignition, and starting diagnosis with the AVAPOW AV-D600.

OPERATING INSTRUCTIONS

The AVAPOW AV-D600 features an intuitive interface. Refer to the diagram below for button identification:

Compact & Portable OBD2 Scanner With Handle



Image: Detailed view of the AVAPOW AV-D600, highlighting the 4.3-inch color display, OBD2 cable, USB port, OK button, Select buttons, Exit button, and FN button.

Navigation and Basic Functions

- **Display:** The 4.3-inch color display shows all diagnostic information and menu options.
- **Select Buttons:** Use the directional buttons (up, down, left, right) to navigate through menus and options.
- **OK Button:** Confirms selections or enters sub-menus.
- **Exit Button:** Returns to the previous screen or exits a function.
- **FN Button:** Provides quick access to frequently used functions or special features.

Diagnostic Modes

From the main menu, select the desired diagnostic mode:

- **Diagnostic (4-System):** Accesses Engine, Transmission, SRS, and ABS systems to read and clear Diagnostic

Trouble Codes (DTCs) and view live data.

- **Oil Reset:** Resets the oil service light after an oil change.
- **EPB Reset:** Resets the electronic parking brake system after brake pad replacement.
- **BMS (Battery Management System) / Battery Calibration:** Registers new batteries and performs battery-related functions.
- **OBDII:** Standard OBDII functions including:
 - Read/Clear DTCs: Retrieves and erases diagnostic trouble codes.
 - Live Data: Displays real-time sensor data in text or graph format.
 - I/M Readiness: Checks if emission-related monitors are ready for inspection.
 - Freeze Frame: Captures a snapshot of vehicle conditions when an emission-related fault occurs.
 - O2 Sensor Monitoring: Monitors oxygen sensor readings.
 - On-Board Monitoring: Tests non-continuously monitored systems.
 - Battery Test: Evaluates battery health.
 - DTC Lookup: Provides definitions for diagnostic trouble codes.



Image: A close-up of the AVAPOW AV-D600 screen displaying live data, including various parameters and diagnostic options.

MAINTENANCE

Software Updates

The AVAPOW AV-D600 supports lifetime Wi-Fi updates. Regularly updating the device ensures access to the latest vehicle compatibility, DTC library, and software enhancements.

1. Connect the AV-D600 to a Wi-Fi network through the 'Settings' menu.
2. Navigate to the 'Update' section on the main menu.
3. Follow the on-screen instructions to download and install available updates. Ensure a stable internet connection during the update process.

Wi-Fi Lifetime Updates

Enjoy Long-Term Support with No Fees



40000+

DTC Library & More Vehicle Models Under Ongoing Updates

Image: The AVAPOW AV-D600 displaying the Wi-Fi update process, indicating access to an extensive DTC library and ongoing vehicle model support.

General Care

- Keep the device clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Avoid dropping the device or subjecting it to strong impacts.
- Store the scanner in its carrying case when not in use to protect it from damage.
- Do not attempt to disassemble or repair the device yourself. Contact support for assistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Device does not power on.	Incorrect connection to OBDII port; vehicle ignition not on; faulty OBDII cable.	Ensure the OBDII cable is securely connected. Turn the vehicle ignition to the "ON" position. Test with another vehicle if possible, or contact support.
Communication error with vehicle.	Vehicle not OBDII compliant; incorrect protocol selected (if manual selection is an option); faulty connection.	Verify vehicle compatibility. Check all connections. Ensure vehicle ignition is on. Try again.
Screen freezes or device is unresponsive.	Software glitch; temporary system error.	Disconnect the device from the vehicle, then reconnect. If the issue persists, perform a software update if available.
Unable to perform a specific reset function.	Vehicle not supported for that specific function; incorrect procedure followed.	Refer to the vehicle's service manual for specific requirements. Ensure the correct procedure is followed on the AV-D600. Contact support for vehicle-specific compatibility.

SPECIFICATIONS

- **Model:** AV-D600
- **Brand:** AVAPOW
- **Weight:** 800 g
- **Package Dimensions:** 26.3 x 13 x 7.7 cm
- **Display:** 4.3-inch Color Display
- **Supported Protocols:** KWP2000, ISO9141, CAN, J1850 PWM, J1850 VPW
- **Connectivity:** OBDII Cable, USB Port, Wi-Fi
- **Update Method:** Lifetime Wi-Fi Updates
- **Vehicle Compatibility:** 12V Gasoline vehicles (1996+ US), Diesel vehicles (2006+ US)

Wide-Compatible OBD2 Scanner

Fits 99% 12V Gasoline & diesel Cars (1996+ vehicles)



Passenger car



SUV



Minivan



Pickup

Covers
1000+ OBD2
Vehicles

Supports 9 Major OBD2 Protocols

(SAE J1850 PWM/SAE J1850 VPW/ISO 141-2/ISO 14230-4 KWP/ISO 15765-4 CAN ETC.)

European Brands

Audi, Mercedes-Benz, Bentley, BMW, Jaguar, Land Rover, Mini, Volkswagen, Porsche, Rolls-Royce, Skoda

American Brands

Buick, Cadillac, Chevrolet, Ford, General Motors (GM), GMC, Scion

Asian Brands

Acura, Honda, Hyundai, Infiniti, Kia, Lexus, Mazda, Nissan, Toyota




Image: The AVAPOW AV-D600's wide compatibility with passenger cars, SUVs, minivans, and pickups, supporting major OBD2 protocols and various European, American, and Asian brands.

WARRANTY AND SUPPORT

AVAPOW is committed to providing reliable support for your AV-D600 OBD2 Scanner. In the event of any issues or questions regarding your device, please contact our customer support team. We are dedicated to resolving your concerns promptly.

The product is designed for durability and is a valuable investment for vehicle owners. Please refer to the product packaging or official AVAPOW website for specific warranty terms and contact information.

Related Documents - AV-D600

<div><div>AVAPOW</div><div>AV-D600</div><div>USER MANUAL</div></div> <div></div>	<div>AVAPOW AV-D600 User Manual: Comprehensive Vehicle Diagnostic Scanner</div> <div>Discover the capabilities of the AVAPOW AV-D600 handheld diagnostic scanner. This user manual provides detailed instructions for vehicle diagnostics, including engine, transmission, SRS, ABS scans, plus specialized functions like Oil Reset, Battery Match, and EPB Reset, alongside essential OBDII features for efficient car maintenance and troubleshooting.</div>														
<div><div>AVAPOW</div><div>Multi-function car jump starter</div><div>-User Manual-</div><div>Model: A27</div></div> <div></div>	<div>AVAPOW A27 Multi-function Car Jump Starter User Manual</div> <div>Comprehensive user manual for the AVAPOW A27 multi-function car jump starter. Learn how to jump start your vehicle, charge devices, use the LED flashlight, and understand safety warnings and specifications.</div>														
<div><table><tr><td></td><td>2023.11.07</td></tr><tr><td>A9</td><td></td></tr><tr><td>95*140mm</td><td></td></tr><tr><td>128g</td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table></div>		2023.11.07	A9		95*140mm		128g						<div>AVAPOW A9 Car Jump Starter User Manual</div> <div>User manual for the AVAPOW A9 Car Jump Starter, providing detailed instructions on jump-starting vehicles, charging devices, specifications, and safety features.</div>		
	2023.11.07														
A9															
95*140mm															
128g															
<div><table><tr><td>日期:</td><td>2022-4-2</td></tr><tr><td>比例:</td><td>1:1</td></tr><tr><td>产品型号:</td><td>A58</td></tr><tr><td>尺寸:</td><td>宽:55MM 高:140MM</td></tr><tr><td>材质:</td><td>128克铝箔纸</td></tr><tr><td>颜色:</td><td>彩色印刷</td></tr><tr><td>工艺:</td><td>骑马钉</td></tr></table></div>	日期:	2022-4-2	比例:	1:1	产品型号:	A58	尺寸:	宽:55MM 高:140MM	材质:	128克铝箔纸	颜色:	彩色印刷	工艺:	骑马钉	<div>AVAPOW 4000A Multi-function Portable Car Jump Starter User Manual</div> <div>User manual for the AVAPOW 4000A Multi-function Portable Car Jump Starter (Model A58). Includes product specifications, charging instructions, jump starting guide, indicator lights, and safety precautions.</div>
日期:	2022-4-2														
比例:	1:1														
产品型号:	A58														
尺寸:	宽:55MM 高:140MM														
材质:	128克铝箔纸														
颜色:	彩色印刷														
工艺:	骑马钉														
<div><div>AVAPOW</div><div>Multi-function car jump starter</div><div>-User Manual-</div><div>Model: A07</div></div> <div></div>	<div>AVAPOW A07 Multi-function Car Jump Starter User Manual</div> <div>User manual for the AVAPOW A07 multi-function car jump starter. This guide provides detailed specifications, instructions for jump starting vehicles, charging mobile devices, operating the LED flashlight, important safety warnings, and warranty exemption information.</div>														

AVAPOW



A37

User Manual • Uživatelský manuál •
Uitwendig manual • Handleiding •
Bedienungsanleitung

[AVAPOW A37 Jump Starter User Manual](#)

User manual for the AVAPOW A37 Jump Starter, detailing its features, specifications, operating instructions, and safety precautions for jump-starting vehicles and charging devices. Available in multiple languages.