

TOPDON ArtiDiag Pro V2.0

TOPDON ArtiDiag Pro V2.0 OBD2 Diagnostic Scanner User Manual

1. INTRODUCTION AND OVERVIEW

The TOPDON ArtiDiag Pro V2.0 is a professional OBD2 diagnostic scanner designed for comprehensive vehicle analysis. This device offers advanced functionalities including bidirectional control, ECU coding, and OE-level full system diagnostics for over 100 vehicle brands. It integrates 35+ maintenance services, ensuring a versatile and efficient diagnostic experience for automotive professionals and enthusiasts.

Key features include:

- **OE-Level Full System Diagnostics:** Perform comprehensive scans on engine, transmission, airbag, ABS, ESP, TPMS, immobilizer, gateway, steering, radio, and air conditioning systems for over 100 brands.
- **Bidirectional Control / Active Tests:** Access vehicle-specific subsystems and components to operate actuators for active tests and precise fault location. This includes controlling lights, locks, injectors, pumps, windows, wipers, and EVAP systems.
- **ECU/Online Coding:** Supports advanced ECU coding for various brands (e.g., VW, Audi, Skoda, Seat, Mercedes-Benz) to replace and recode modules, unlock hidden functions, and customize vehicle settings.
- **35+ Maintenance Services:** Offers a wide range of maintenance functions such as oil reset, SAS (Steering Angle Sensor) calibration, EPB (Electronic Parking Brake) reset, and BMS (Battery Management System) reset.
- **Advanced Hardware:** Equipped with a 4-core 2GHz CPU, 4 GB RAM, 64 GB ROM, Android 10 operating system, and an 8.0 MP rear camera for enhanced performance and functionality.
- **User-Friendly Features:** Includes AutoVIN for automatic vehicle identification, printable/shareable diagnostic reports, and the ability to record and combine up to 4 data streams for performance evaluation.

DIAGNOSTICA COMPLETA DEL SISTEMA DI LIVELLO OE

Scansione Completa di Tutti i Sistemi per Oltre 100 Marchi



Figure 1: The TOPDON ArtiDiag Pro V2.0 diagnostic scanner.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully unpack the ArtiDiag Pro V2.0 device and all accessories. Inspect for any signs of damage. Ensure all components listed in the packaging are present.

2.2 Powering On the Device

The device is battery-powered. Ensure it is sufficiently charged before first use. Connect the provided power adapter to charge the device if necessary. Press and hold the power button to turn on the scanner.

2.3 Connecting to the Vehicle

1. Locate the vehicle's OBD2 diagnostic port, typically found under the dashboard on the driver's side.
2. Connect the diagnostic cable from the ArtiDiag Pro V2.0 to the vehicle's OBD2 port.

3. Turn the vehicle's ignition to the 'ON' position (engine off).



Figure 2: Connecting the ArtiDiag Pro to a vehicle for diagnostics.

2.4 Wi-Fi Connection

For software updates and online functions, connect the device to a stable Wi-Fi network. Navigate to 'Settings' on the device, select 'Wi-Fi', and choose your network.

3. OPERATING INSTRUCTIONS

3.1 Full System Diagnostics

After connecting the device to the vehicle, the ArtiDiag Pro V2.0 can automatically identify the vehicle via the AutoVIN function. Select 'Diagnostics' from the main menu to begin a full system scan. The device will read and clear Diagnostic Trouble Codes (DTCs), display live data streams, and provide ECU information across all supported vehicle systems.

**Supporta
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This function allows you to send commands to vehicle components to test their functionality. From the diagnostic menu, select 'Active Test' or 'Bidirectional Control'. Choose the specific component (e.g., fuel injector, window motor, EVAP valve) and follow the on-screen prompts to activate and observe its response. This helps in quickly pinpointing faulty components.

2025 NUOVO TOPDON ARTIDIAG PRO



Inglese



Francese



Spagnolo



Tedesco



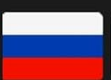
Giapponese



Italiano



Portoghese



Russo



Coreano



Polacco

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Figure 4: Testing a fuel injector using bidirectional control.

3.3 ECU Coding

ECU coding allows for customization and adaptation of vehicle modules. Access this function from the main menu. You can use it to activate hidden features, disable unnecessary functions, or match new control modules after replacement. Always ensure you have the correct coding data and understand the implications before performing ECU coding.

3.4 Maintenance Services

The ArtiDiag Pro V2.0 offers over 35 maintenance and reset functions. Navigate to the 'Service' menu to access options such as:

- Oil Reset
- Steering Angle Sensor (SAS) Calibration
- Electronic Parking Brake (EPB) Reset
- Battery Management System (BMS) Reset
- DPF Regeneration

- ABS Bleeding
- Injector Coding

PIÙ DI **35** SERVIZI DI MANUTENZIONE PER COPRIRVI LE SPALLE

1. ripristino olio (53 marche)

2. SAS (44 marche)

3. EPB (41 marche)

4. ripristino BMS (31 marche)

DPF DPF

Immobilizzatore

Ripristino delle sospensioni

Ripristino AFS

Apprendimento del cambio

Azzeramento NOX

Spurgo ABS

Ripristino del tetto apribile

Azzeramento del cambio

Codifica iniettori

Ripristino TPMS

Impostazione pneumatici

17. spurgo del liquido di raffreddamento

18. azzeramento del regolatore di velocità

19. impostazione della lingua

20. azzeramento dell'A/F

21. calibrazione dei sedili

22. modalità di trasporto

23. ADBLUE

24. adattamento dell'acceleratore

25. arresto/avviamento

26. bilanciamento della potenza

27. sistema CA Riapprendimento/inizializzazione

28. Calibrazione dei finestrini

29. Diagnostica della batteria ad alta tensione

30. Rigenerazione del filtro antiparticolato

31. Sistema di controllo intelligente della velocità di crociera

32. Calibrazione dell'angolo del motore

33. carica turbo

34. impostazione di personalizzazione

35. abbinamento frizione

Figure 5: Overview of available maintenance services.

3.5 Data Stream Analysis and Reporting

The device allows recording and combining up to four live data streams for detailed analysis. Diagnostic reports can be generated and printed or shared via email for record-keeping or client communication.



Figure 6: Comparative data visualization and diagnostic report printing.

4. MAINTENANCE

4.1 Software Updates

The ArtiDiag Pro V2.0 comes with 2 years of free software updates. Regular updates ensure compatibility with new vehicle models and access to the latest diagnostic functions. Connect the device to Wi-Fi and navigate to the

'Update' section in the main menu to check for and install available updates.



Figure 7: Performing a one-click software update via Wi-Fi.

4.2 Cleaning and Storage

Clean the device regularly with a soft, damp cloth. Avoid using abrasive cleaners or solvents. Store the device in its protective case in a cool, dry place away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

This section provides general guidance for common issues. For specific problems, refer to the device's in-app help or contact technical support.

- **Device Not Powering On:** Ensure the battery is charged. Connect the device to the power adapter and try again. If the issue persists, contact support.
- **Connection Issues with Vehicle:** Verify the OBD2 cable is securely connected to both the device and the vehicle's port. Ensure the vehicle's ignition is in the 'ON' position. Check for any damage to the OBD2 port or cable.
- **Software Freezing/Crashing:** Restart the device. Ensure the software is up to date. If the problem continues, perform a factory reset (data may be lost, back up if possible) or contact support.
- **Inaccurate Readings:** Ensure the correct vehicle information (VIN, make, model, year) is entered or automatically detected. Verify the vehicle's systems are functioning correctly outside of the diagnostic tool.

6. SPECIFICATIONS

Feature	Specification
Brand	TOPDON
Model Number	ArtiDiag Pro
Power Source	Battery powered
Product Dimensions	42L x 36W x 13H cm
Operating System	Android 10.0

Screen Size	7 Inches
Native Resolution	1024x768
CPU	4-core 2GHz
RAM	4 GB
ROM	64 GB
Rear Camera	8.0 MP

7. WARRANTY

The TOPDON ArtiDiag Pro V2.0 includes 2 years of free software updates, ensuring your device remains current with the latest vehicle data and diagnostic capabilities. For detailed warranty terms and conditions, please refer to the official TOPDON website or contact customer support.

8. SUPPORT

For technical assistance, product inquiries, or troubleshooting, TOPDON offers comprehensive support:

- **24/7 Technical Support:** Available around the clock for immediate assistance.
- **Online Feedback:** Utilize the in-app feedback feature to report issues or suggest improvements.
- **Expert Assistance:** Receive expert help within 24 hours via a toll-free number, in-app support, or chat.

Please visit the official TOPDON website for contact details and further support resources.



Figure 8: TOPDON customer support representative.

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