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› TOPDON ArtiDiag Pro Bidirectional Scan Tool, ECU Coding OBD2 Scanner Diagnostic Tool, 2 Years Free Update(Worth 300)/FCA Autoauth/35+ Services/All System Diagnosis

TOPDON ArtiDiagPro

TOPDON ArtiDiag Pro User Manual

Model: ArtiDiagPro | Brand: TOPDON

1. INTRODUCTION

The TOPDON ArtiDiag Pro is a professional-grade bidirectional scan tool designed for comprehensive vehicle diagnostics and maintenance. It offers advanced features such as ECU coding, active tests, and over 35 special maintenance services, providing a powerful solution for automotive technicians and enthusiasts.



Figure 1: TOPDON ArtiDiag Pro Scan Tool Overview

2. WHAT'S IN THE BOX

Your TOPDON ArtiDiag Pro package includes the following items:

- 1 x ArtiDiag Pro Tablet
- 1 x 5V DC Charging Cable
- US/UK/EU Adapters
- 1 x Diagnostic Cable
- 1 x Smart OBD II-16E Adapter
- 1 x User Manual
- 1 x Quick User Guide
- 1 x Carrying Case

WHAT'S IN THE BOX?

ArtiDiag Pro Tablet



US, UK, and EU Adapters



Type C cable



OBD Cable



Quick User Guide



User Manual



Carrying Case



Figure 2: ArtiDiag Pro Package Contents

3. SETUP

3.1 Initial Power On and Configuration

1. **Charge the Device:** Before first use, ensure the ArtiDiag Pro tablet is fully charged using the provided charging cable and adapter.
2. **Power On:** Press and hold the power button located on the side of the tablet until the TOPDON logo appears.
3. **Language Selection:** Follow the on-screen prompts to select your preferred language (English is default).
4. **Time Zone Setting:** Choose your local time zone for accurate record-keeping.
5. **Wi-Fi Connection:** Connect the device to a stable Wi-Fi network to enable software updates and online functions.

3.2 Connecting to Vehicle

1. Locate the vehicle's OBD-II port (usually under the dashboard on the driver's side).
2. Connect the diagnostic cable to the ArtiDiag Pro tablet.
3. Plug the other end of the diagnostic cable into the vehicle's OBD-II port.
4. Turn the vehicle's ignition to the 'ON' position (engine off).

4. OPERATING INSTRUCTIONS

4.1 Smart & Fast Diagnosis

The ArtiDiag Pro features AutoVIN technology for quick vehicle identification and a one-click full system scan.

- **VIN AutoVin:** Automatically retrieves vehicle VIN for quick identification.
- **All Systems Diagnosis:** Scans all available modules in the vehicle with one click.
- **Generate Diagnostic Report:** Creates a comprehensive report of vehicle health.
- **Clear Fault Codes with One-Click:** Erases diagnostic trouble codes from all systems.

SMART & FAST DIAGNOSIS

SAVE YOUR TIME

TOPDON

11.7V Apr 13 05:31 AM 76%

AutoDect Result

VIN Scan

1 H G F A 1 6 5 3 9 L 0 1 4 9 5 6

Year: 2009
Make: Honda
Model: CIVIC
Now start the vehicle system detection

1 VIN AutoVin

VIN Scan

Year: 2009
Make: Honda
Model: CIVIC
Now start the vehicle system detection?

2 All Systems Diagnosis

(Rocker Arm) Oil Pressure Sensor	0.00 V	✓
(Rocker Arm) Oil Pressure Sensor	0.14 V	✓
A/C Clutch	ON	✓
A/C Pressure Sensor	4.08 V	✓

3 Generate Diagnostic Report

PCM Frictional (Engine System)

P0123 TP Sensor (A) Voltage High

P0123 TP Sensor (B) Voltage High

P0123 APP Sensor A Voltage Low

4 Clear Fault Codes with One-Click

Read Data Stream

Clear Trouble Code Result

Clear Fault Memory Completed

Read Fault Code

OK

Figure 3: Smart & Fast Diagnosis Workflow

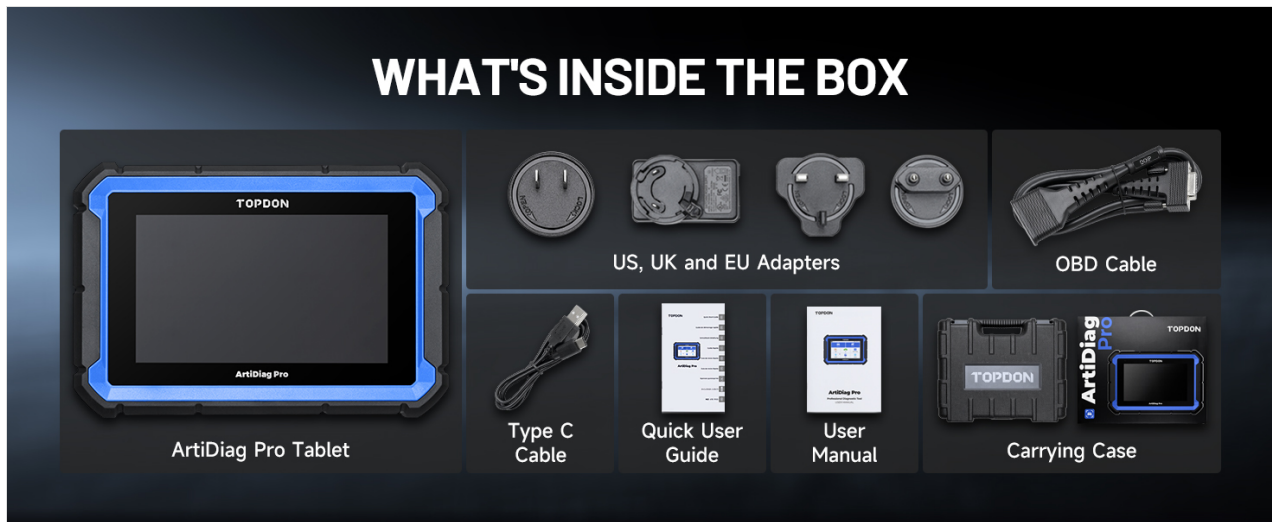


Figure 4: Efficient One-Click Diagnosis

4.2 ECU Coding

Maximize vehicle capabilities by uncovering hidden features, deactivating annoying functions, and coding retrofitted components.

- **Disable Unwanted Features:** Turn off features like seatbelt warnings or start-stop functions.
- **Unlock Hidden Features:** Activate features already equipped by the car manufacturer.
- **Code Retrofitted Components:** Integrate new components like a rear-view camera or upgraded lights.

Advanced ECU Online Coding

Enable Hidden Features To Personalize A Vehicle

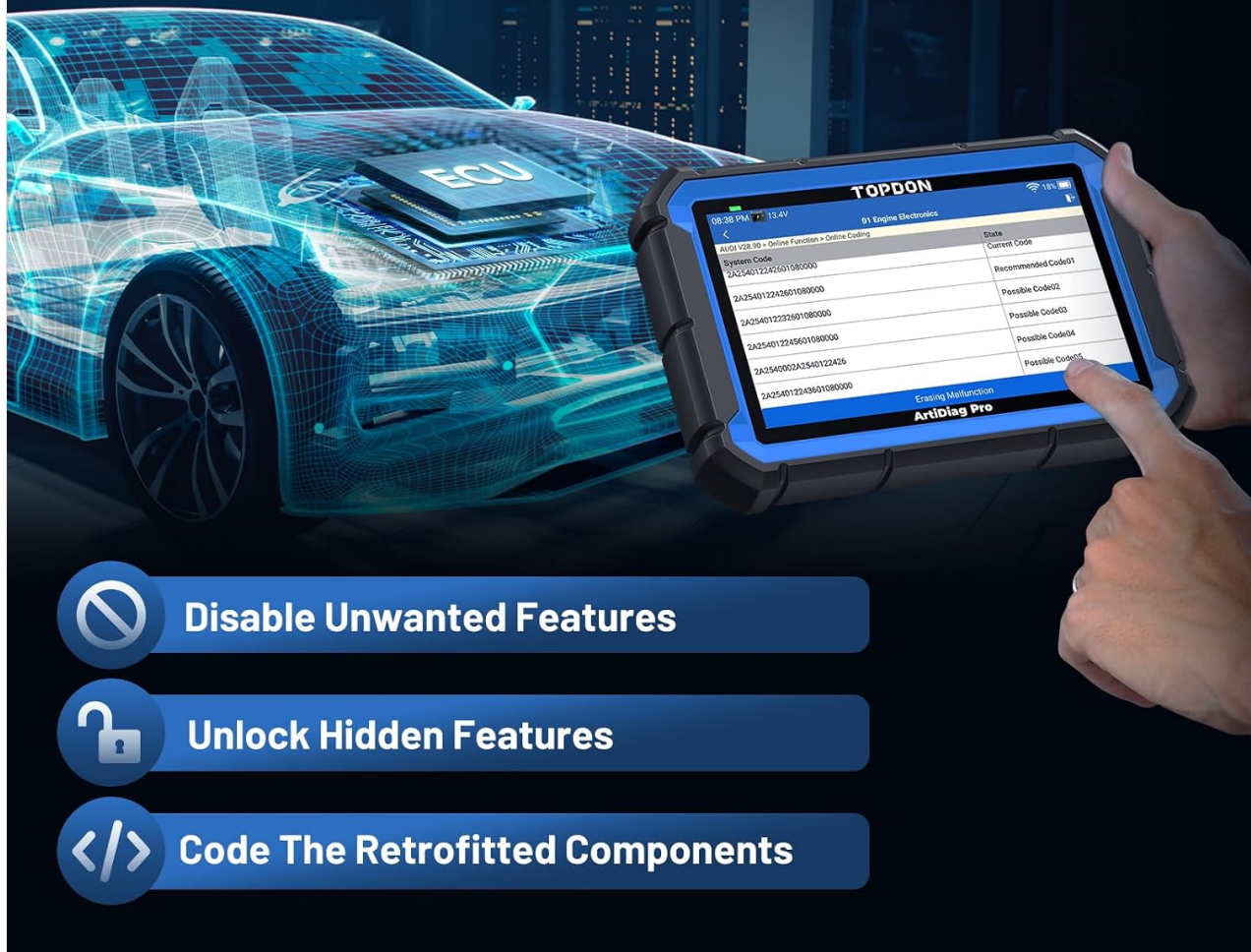


Figure 5: Advanced ECU Online Coding

Unlock Hidden Features

Unlock the Features Already-Equipped by the Car Manufacturer



Figure 6: Applications of ECU Coding

Your browser does not support the video tag.

Video 1: Official TOPDON ArtiDiag Pro ECU Coding Demonstration. This video showcases the ECU coding capabilities of the ArtiDiag Pro scan tool.

4.3 Bidirectional Control (Active Test)

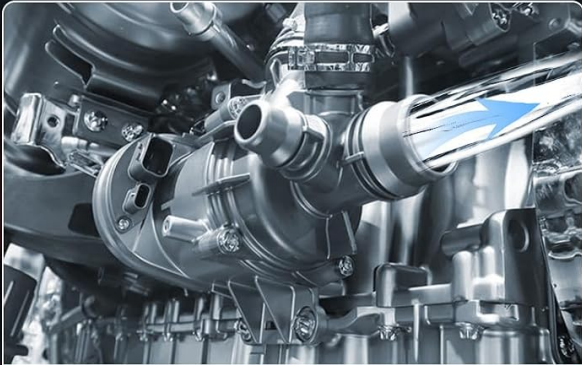
Perform targeted tests on individual actuators to swiftly identify and resolve issues. This includes testing components like fuel injectors, coolant pumps, windows, and windshield wipers.

BI-DIRECTIONAL CONTROL FIND AND FIX

Determines the Integrity of the System or Parts and Locate the Fault Parts Accurately.



Fuel Injectors



Coolant Pumps



Windows



Windshield Wipers

Figure 7: Bidirectional Control for Finding and Fixing Issues

35+ Maintenance Services

One-Stop Solution for Your Everyday Maintenance Needs

 Oil Reset	 SAS	 EPB	 BMS Reset	 DPF	 ABS Bleeding	 AD BLUE					
 Clutch Matching	 Sunroof Reset	 Suspension Reset	 Gearbox Reset	 AFS Reset	 Injector Coding	 Gear Learning	 TPMS Reset	 A/F Reset	 Language Set	 Coolant Bleed	 EGR Reset

- Turbocharging
- Seat Calibration
- Tire Setting
- Throttle Adaptation
- AC System Relearn/Initialization
- Power Balance
- Gas Particulate Filter Regeneration
- NOX Reset
- Transport Mode
- Stop/Start
- Immobilizer
- High Voltage Battery Diagnostics
- Windows Calibration
- More...

Figure 8: Active Test Capabilities

4.4 Maintenance Services (35+ Functions)

The ArtiDiag Pro offers over 35 special functions to tackle a wide range of maintenance issues, including:

- Oil Reset
- SAS (Steering Angle Sensor) Reset
- EPB (Electronic Parking Brake) Reset
- BMS (Battery Management System) Reset
- ABS Bleeding
- DPF (Diesel Particulate Filter) Regeneration
- Throttle Adaptation
- TPMS (Tire Pressure Monitoring System) Reset
- Injector Coding
- And many more.

35+ MAINTENANCE SERVICES

KEEP CAR RUNNING WELL

For more Special Functions, Refer to Special Function Menu in Specific System. Please Contact us for Compatibility before Purchase.



1. Oil Reset(53 brands)



2. SAS(44 brands)



3. EPB(41 brands)



4. BMS Reset(31 brands)



5. DPF



6. ABS Bleeding



7. Immobilizer



8. Sunroof Reset

9.Suspension Reset

10.Gearbox Reset

11.AFS Reset

12.Injector Coding

13.Gear Learning

14.TPMS Reset

15.A/F Reset

16.ADBLUE

17.Coolant Bleed

18.EGR Reset

19.Language Set

20.NOX Reset

21.Seat Calibration

22.Transport Mode

23.Tyre setting

24.Throttle Adaptation

25.Stop/Start

26.Power Balance

27.AC System Relearn/Initialization

28.Windows Calibration

29.High Voltage Battery Diagnostics

30.Gas particulate filter regeneration

31.Intelligent Cruise control System

Figure 9: Overview of 35+ Maintenance Services



Figure 10: Detailed List of Maintenance Services

4.5 FCA Autoauth

This diagnostic tool supports Autoauth for FCA SGW (Security Gateway) vehicles, including Chrysler, Jeep, Dodge, and Fiat models from 2017 and later.



Figure 11: FCA Autoauth Supported Vehicles

4.6 OE-Level Diagnostics

The ArtiDiag Pro provides OE-level diagnostics for over 100 car brands, allowing you to read and clear fault codes, view live data streams, and access module information across all vehicle systems (Engine, Transmission, ABS, Airbag, etc.).

OE-LEVEL DIAGNOSIS FOR 100+ CAR BRANDS



ECU
Lookups



Read
Fault Codes



Clear Fault
Codes



Read Data
Streams

More...



English



French



Spanish



German



Japanese



Italian



Portuguese



Russian



Korean



Chinese

10

Languages
Supported

Figure 12: OE-Level Diagnostics for 100+ Brands

DIAGNOSE EFFICIENTLY WITH ONLY ONE CLICK

AutoVIN, automatically retrieve car VIN,
scan all modules with one click

Q 1 H C F A 1 6 ***



Figure 13: Comprehensive OE-Level Diagnostics

5. MAINTENANCE

5.1 Software Updates

Your ArtiDiag Pro comes with 2 years of free software updates. Regular updates ensure compatibility with new vehicle models and provide enhanced features. After two years, a fee of \$249 will apply for software updates.

2 YEARS FREE UPDATE

& PROFESSIONAL CUSTOMER SERVICE



One-Click
Software Update



Model	Software Version	Release Date	Size	Update Type	Status
ArtiDiag Pro	1.0.0	2023-01-01	100 MB	Initial Release	Completed
ArtiDiag Pro	1.0.1	2023-02-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.2	2023-03-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.3	2023-04-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.4	2023-05-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.5	2023-06-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.6	2023-07-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.7	2023-08-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.8	2023-09-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.9	2023-10-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.10	2023-11-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.11	2023-12-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.12	2024-01-01	100 MB	Minor Update	Completed
ArtiDiag Pro	1.0.13	2024-02-01	100 MB	Minor Update	Completed
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ArtiDiag Pro	1.0.100	2031-05-01	100 MB	Minor Update	Completed



Hotline Service

Offers Technical Support

Figure 14: Software Update and Support Information

5.2 General Care

- Keep the device clean and free from dust and moisture.
- Store the device in its carrying case when not in use to prevent damage.
- Avoid extreme temperatures and direct sunlight.

6. TROUBLESHOOTING

If you encounter issues with your ArtiDiag Pro, consider the following common solutions:

- **Compatibility:** Ensure your vehicle is compatible with the tool's functions. Refer to the TOPDON website's vehicle coverage list.
- **Connection Issues:** Verify that the diagnostic cable is securely connected to both the tablet and the vehicle's OBD-II port. Ensure the vehicle's ignition is in the 'ON' position.
- **Software Glitches:** If the device freezes or gives erroneous readings, try restarting the tablet. Ensure your software is up-to-date.
- **Low Battery:** Ensure the device has sufficient battery charge before performing diagnostic procedures, especially ECU coding.
- **Used/Damaged Product:** If you received a used or damaged product, contact customer support for a replacement.

7. SPECIFICATIONS

Feature	Detail
Brand	TOPDON
Model	ArtiDiagPro
Product Dimensions	9.64"L x 1.45"W x 4.86"H
Item Weight	1.77 pounds
Operating System	No IP Restriction/2023-2024 Car Model Coverage (keep growing)
Display Resolution	1024*600
CPU	4-Core Processor, 1.5 GHz
RAM	2G
ROM	32G
Batteries	1 Lithium Ion battery required
Special Features	31 Maintenance Services, ECU coding, Multi-lingual Support

8. WARRANTY AND SUPPORT

TOPDON is committed to customer satisfaction. Your ArtiDiag Pro comes with 2 years of free software updates. For any challenges or technical assistance, please reach out to TOPDON customer support.

- **Customer Support Hotline:** 833-629-4832
- **Online Resources:** You can find additional support and vehicle compatibility information on the official

TOPDON website.

- **User Manual (PDF):** For detailed instructions, refer to the [User Manual PDF](#).
- **User Guide (PDF):** For a quick reference, consult the [User Guide PDF](#).