



TOPDON ArtiDiag900 Lite Bidirectional Scan Tool User Guide

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TOPDON ArtiDiag900 Lite Bidirectional Scan Tool



Brief



ArtiDiag900 Lite

- The ArtiDiag900 Lite empowers technicians to overcome the limitations of wired systems, providing unmatched flexibility and convenience.
- With support for 8 maintenance services and full system diagnostics across 60+ brands, the ArtiDiag900 Lite maximizes productivity and efficiency in vehicle repairs.
- Bidirectional control allows technicians to accurately communicate with vehicle systems and components, efficiently identifying issues.
- Advanced features like the Repair Data Library enable quick initiation of auto repair jobs.
- And that's not all – we've even engineered the ArtiDiag900 Lite with a magnetic VCI attachment, ensuring that the VCI remains securely in place and minimizing the risk of losing the VCI.

Specs

Hardware



OS

- Android 11.0

- Storage Capacity:
- RAM 2G & ROM 32G
- Screen:
- 8 inches, 1280*800 Resolution
- Connectivity:
- Bluetooth 5.0/SPP USB Wi-Fi

Camera

- 5 megapixels
- Battery Capacity:
- 10000mAh
- Ports:
- USB Type-A/USB Type-C/RJ45/
- HDMI/DC Charging Port

Parameters

- Input Voltage:
- 12V DC
- Dimensions (L x W x H):
- 255*155*50 mm (10*6.1*1.97 in.)
- Working Temperature:
- 0°C to 50°C (32°F to 122°F)
- Storage Temperature:
- -20°C to 60°C (-4°F to 140°F)

VCI

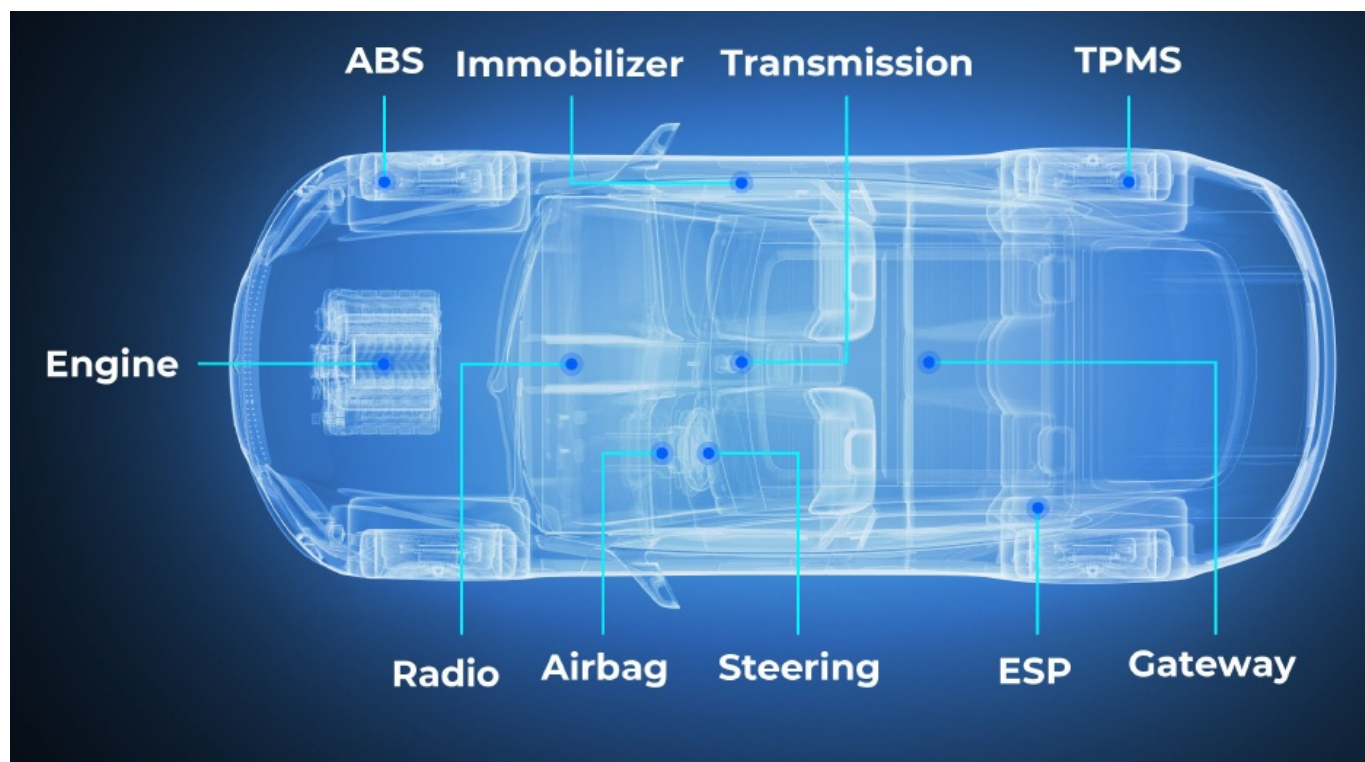
- **Operating Temperature:** -10°C to 60°C (14°F to 140°F)
- **Working Voltage:** 9-18 V
- **Working Current:** ≤ 100 mA
- **Dimensions:** 84*50*27 mm (3.3*2.0*1.1 inch)



Features

Full System Diagnostics For 60+ Brands

- With the ArtiDiag900 Lite scanner, users can conduct a thorough scan across all vehicle systems, encompassing the engine, transmission, airbag, ABS, ESP, TPMS, immobilizer, gateway, steering, radio, and air conditioning for over 60 different brands.



Professional-Grade OBD2 Code Reader

- Discover the power of TOPDON's ArtiDiag900 Lite, the ultimate OBD2 code reader that elevates your diagnostic capabilities to a professional level.
- With a lifetime of access to all 10 modes of OBD2 testing, it provides comprehensive information on a wide range of vehicles.
- Unlock a world of possibilities with features like reading DTCs, clearing DTCs, Live Data analysis, I/M Readiness Monitor Status, Freeze Frame Data viewing, O2 Sensor Testing, On-board Monitor Testing, Evap Testing, Vehicle Information retrieval, and DTC Look Up functionality.



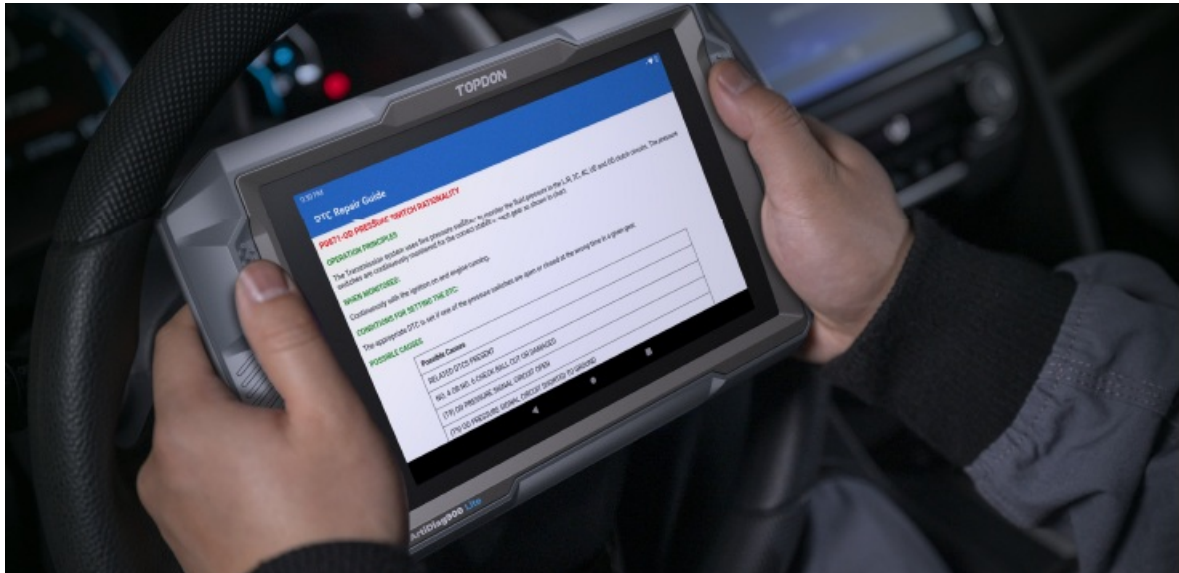
Comprehensive Repair Data Library

- Our extensive OBD2 DTC Repair Guide equips you with a comprehensive resource for fault codes and expert repair guidance.
- From service bulletins to DLC location guides, performing repairs has never been easier.
- Additionally, our warning light library provides solutions to decipher and address dashboard warnings.
- Count on the ArtiDiag900 Lite for all your vehicle diagnostic needs and unlock a wealth of knowledge at your fingertips!



Your Ultimate DTC Repair Guide

- Unlock the power of the ArtiDiag900 Lite's DTC Repair Guide, your trusted companion for mastering vehicle diagnostics.
- Once you retrieve fault codes, the ArtiDiag900 Lite goes beyond by providing detailed code definitions and expert repair guidance.
- Explore fault code explanations across all systems, including Dashboard, Air Conditioning, and more.
- Currently compatible with 2010-2014 Chrysler, Dodge, Jeep, & Fiats. Compatibility expands as updates are released.



Bidirectional Control

- The ArtiDiag900 Lite grants access to vehicle-specific subsystems and parts, enabling the activation of actuators for specific functions.
- This capability assesses the integrity of the system or parts, empowering users to precisely analyze and pinpoint faulty components.
- Bidirectional control encompasses various features such as fuel injectors, coolant pumps, windows, windshield wipers, and more.



8 Reset Functions

- The ArtiDiag900 Lite scanner offers the 8 most commonly used reset functions of passenger vehicles: Oil Resets, Throttle Adaptation, EPB Resets, Steering Angle Resets, DPF Regeneration, ABS Bleeding, BMS Resets, and Airbag Resets.



Bluetooth Wireless Diagnostics With VCI

- The ArtiDiag900 Lite is equipped with a magnetic VCI that conveniently attaches to the back of the tablet, ensuring effortless storage.
- By connecting the VCI to vehicles via Bluetooth, users gain unparalleled diagnostic flexibility.



Improved Hardware For Convenience And Performance

- The ArtiDiag900 Lite is equipped with a long-lasting 10000mAh battery, saving technicians from frequent recharges throughout the day.
- With Android 11.0, it delivers a fast user interface and processing speed.
- The inclusion of a USB-Type A port ensures reliable data transfers when working on immobilizer systems.
- The HDMI port allows users to project the diagnostic process for demonstration and analysis purposes.
- The TF card expansion slot supports storage expansion of up to 128GB, providing ample space for your needs.



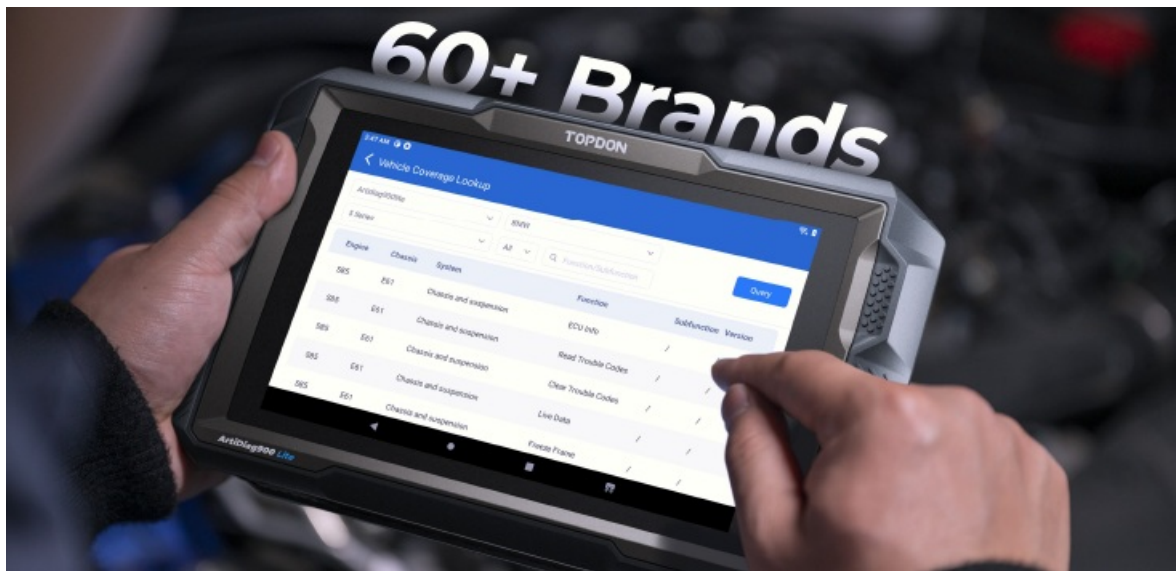
AutoVIN & AutoScan: Enhanced Convenience For Seamless Operation

- The ArtiDiag900 Lite is equipped with AutoVIN and AutoScan functions designed to streamline your repair process and optimize diagnostic efficiency.
- AutoVIN automatically identifies essential vehicle information, including make, model, and year of manufacture.
- Meanwhile, AutoScan effortlessly detects all vehicle systems and retrieves DTCs for your convenience.



Vehicle Compatibility Check

- Simply input your vehicle information and desired function, and utilize the Vehicle Coverage Lookup feature to determine the device's compatibility with your specific car.
- This comprehensive lookup function supports over 60 different brands, ensuring accurate coverage assessment.











Optional Battery Testing Capability




- Looking to run in-depth battery tests too?
- You can pair the ArtiDiag900 Lite with TOPDON's BTMobile Pros, to wirelessly monitor the health of your car battery.
- This powerful combination turns the ArtiDiag900 Lite into a sophisticated battery-testing tool.



What's In The Box?

ArtiDiag900 Lite 	VCI 	Power Adapter 
OBD-II Extension Cable 	USB Cable (Type-A to Type-C) 	Quick User Guide 
User Manual 	Carrying Case 	Package Box 

SPECIFICATIONS

MODEL	ArtiDiag600S	UltraDiag	ArtiDiag900 Lite
SPECIFICATIONS			
Display	5-inch TFT	8-inch	8-inch
RAM	2G	2G	2G
ROM	16G	32G	32G
Battery	1500mAh	10000mAh	10000mAh
OBDII Code Reader	√	√	√
Full System	×(PCM/TCM/ABS/SRS)	√	√
Read DTCs	√	√	√
Clear DTCs	√	√	√

Data Stream	√	√	√
Read ECU Information	√	√	√
Bi-Directional Control	×	√	√
IMMO	×	√	×
Service Function	8 (Oil Reset, Brake Reset, SAS Reset, BMS Reset, ABS Bleeding, ETS Reset, DPF Reset, TPMS Reset)	8 (Oil Reset, Brake Reset, SAS Reset, BMS Reset, ABS Bleeding, ETS Reset, DPF Reset, TPMS Reset)	8 (Oil Reset, Brake Reset, SAS Reset, BMS Reset, ABS Bleeding, ETS Reset, DPF Reset, TPMS Reset)
Vehicle Coverage	110+	60+	60+
Auto VIN	√	√	√
Software Update	Free	1 Year Free	2 Years Free
Software Languages	17 Languages: English, French, German, Spanish, Portuguese, Russian, Japanese, Italian, Polish, Turkish, Dutch, Hungarian, Slovak, Korean, Finnish, Czech, Arabic	12 Languages: English, French, German, Spanish, Portuguese, Russian, Japanese, Italian, Turkish, Korean, Traditional Chinese, Simplified Chinese	12 Languages: English, French, German, Spanish, Portuguese, Russian, Japanese, Italian, Turkish, Korean, Traditional Chinese, Simplified Chinese

FAQs

Question

- What should I do if a communication error occurs?

Answer

Follow the steps below to identify the problem:

1. Check if the ignition is ON.
2. Check if the VCI is securely plugged into the vehicle's DLC port.
3. Turn the ignition off. Then, turn it on again after 10 seconds and continue the operation.
4. Check if the vehicle's control module is defective.

Question

- What special functions does the ArtiDiag900 Lite support?

Answer

- The ArtiDiag900 Lite supports 8 special functions, including Oil Resets, Throttle Adaptation, EPB Resets, ABS Bleeding, Steering Angle Resets, DPF Regeneration, Airbag Resets, and BMS Resets.

Question

- Do I need to update the firmware before using the ArtiDiag900 Lite for the first time?

Answer

- Yes. Firmware will automatically update to the latest version once the ArtiDiag900 Lite VCI is connected to your ArtiDiag900 Lite tablet via Bluetooth. You can also tap User Info > Firmware Update to update the firmware manually

Question

- Why is the ArtiDiag900 Lite tablet screen flashing when the engine is working?

Answer

- This is a normal occurrence caused by electromagnetic interference.

Question

- This is a normal occurrence caused by electromagnetic interference.

Question





- How do I capture a screenshot?

Answer

- Press and hold the Screenshot button at the top right edge of the ArtiDiag900 Lite tablet to capture a screenshot. To view the saved pictures, go to Gallery from the home screen of the Android System.



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Documents / Resources



[TOPDON ArtiDiag900 Lite Bidirectional Scan Tool](#) [pdf] User Guide
ArtiDiag900 Lite Bidirectional Scan Tool, ArtiDiag900 Lite, Bidirectional Scan Tool, Scan Tool

References

- [TOPDON EU | Diagnostic Tools, Battery Tools and Key Programmers – TOPDON EUROPE](#)
- [TOPDON|Automotive Diagnostic Tools, Battery Tools and Key Programmers – TOPDON TECHNOLOGY Co., Ltd.](#)
- [TOPDON USA | Pro Diagnostics, Battery Service, Thermal Imaging](#)
- [User Manual](#)