

[Manuals.plus](#) /

› [TOPDON](#) /

› TOPDON AL300 OBD2 Scanner User Manual

TOPDON AL300

TOPDON AL300 OBD2 Scanner User Manual

Model: ArtiLink 300



The TOPDON AL300 OBD2 Scanner, a compact and powerful diagnostic tool for vehicles.

INTRODUCTION

The TOPDON AL300 is a versatile OBD2 scanner designed to help vehicle owners diagnose and troubleshoot common car issues. This manual provides detailed instructions on how to set up, operate, and maintain your AL300 device, ensuring you can effectively utilize its full range of diagnostic functions.

With the AL300, you can quickly identify the cause of a Check Engine Light, perform emission-related tests, and access crucial vehicle information, saving you time and potential repair costs.

SETUP GUIDE

1. **Locate the OBD2 Port:** The OBD2 (On-Board Diagnostics II) port is typically located under the dashboard on the driver's side of your vehicle. Refer to your vehicle's owner's manual if you have difficulty locating it.
2. **Connect the AL300:** Plug the OBD2 cable from the TOPDON AL300 scanner firmly into your vehicle's OBD2 port.

WHY YOU NEED A TOPDON AL300?



The TOPDON AL300 is designed for easy plug-and-play operation. Simply connect it to your vehicle's OBD2 port.

3. **Power On:** Once connected, the AL300 will automatically power on. Ensure your vehicle's ignition is turned to the "ON" position (engine can be off or running, depending on the test).
4. **Initial Scan:** The device will perform an initial system scan to establish communication with your vehicle's ECU. This process is usually quick.

OPERATING INSTRUCTIONS

The TOPDON AL300 features a user-friendly interface with a clear color LCD screen and intuitive navigation buttons. Use the **Up** and **Down** arrow buttons to scroll through menu options, **OK** to confirm a selection, and **EXIT** to return to the previous screen.

Main Menu Functions:

- **Diagnose:** This is the primary function for reading and clearing diagnostic trouble codes (DTCs).
 - **Read Codes:** Retrieves generic (P0, P2, P3, U0) and manufacturer-specific (P1, P3, U1) codes.
 - **Clear Codes:** Erases DTCs and turns off the Malfunction Indicator Light (MIL) after repairs.
 - **I/M Readiness:** Checks if emission-related systems are ready for Inspection and Maintenance testing.
 - **Data Stream:** Displays real-time PID data from the ECU, such as engine RPM, vehicle speed, O2 sensor readings, and fuel trim.
 - **Freeze Frame:** Views the vehicle's operating parameters at the moment a DTC was detected.
 - **O2 Sensor Test:** Retrieves and views test results of O2 sensor monitors.
 - **On-Board Monitoring (Mode 6):** Retrieves test results for powertrain components and systems not continuously monitored.
 - **EVAP System (Mode 8):** Initiates the Evaporative Emission Control System Leak Test.
 - **Vehicle Information:** Reads and displays vehicle information, including VIN (Vehicle Identification Number).

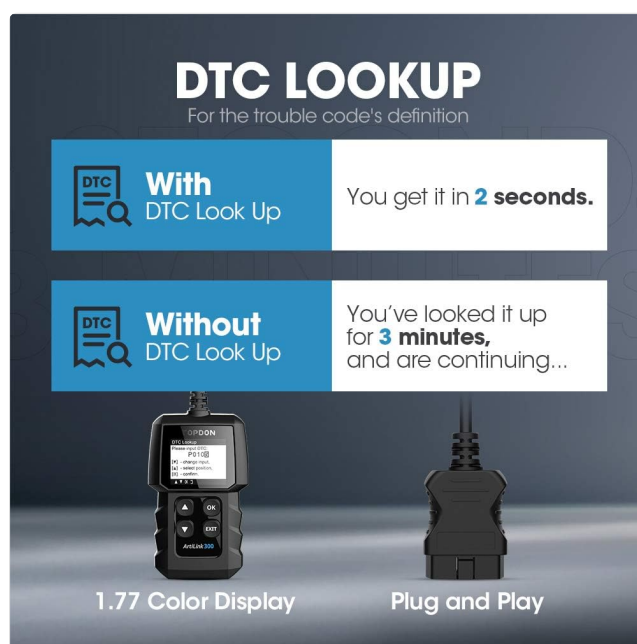


The AL300 provides access to various diagnostic menus, including emission-related tests.

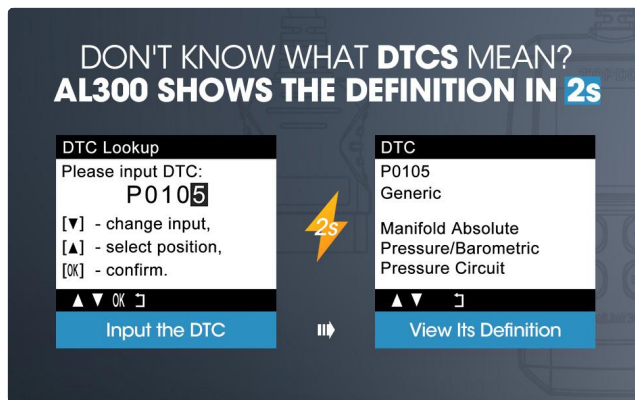


Key functions include reading and clearing DTCs, monitoring live data streams, and retrieving vehicle identification numbers.

- **DTC Lookup:** This feature allows you to input a Diagnostic Trouble Code and instantly view its detailed definition, eliminating the need for external resources.



The built-in DTC Lookup library provides immediate definitions for trouble codes.



Input a DTC to quickly view its detailed explanation directly on the device screen.

- **Setup:** Configure device settings such as language and unit of measure.
- **Help:** Access information about OBD, data stream, I/M readiness, and tool information.

Video Demonstration:

Your browser does not support the video tag.

Official video demonstrating how the TOPDON AL300 can help save time and money by providing quick and accurate vehicle diagnostics.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the TOPDON AL300 in a dry, cool place away from direct sunlight and extreme temperatures when not in use.
- **Software Updates:** The TOPDON AL300 does not require software updates, making it a hassle-free device for long-term use.

TROUBLESHOOTING

If you encounter issues while using your TOPDON AL300, refer to the following common troubleshooting steps:

- **Cannot Diagnose Vehicle:**
 - Ensure the vehicle complies with the OBD2 protocol (most American, European, and Asian models from 1996 onward).
 - Check the OBD connector of the AL300 for any broken or bent pins.
 - Verify that the vehicle's ignition is turned to the "ON" position.
- **Cannot Clear Check Engine Light:**
 - Ensure that the underlying fault causing the code has been properly repaired. The Check Engine Light will only turn off if the issue is resolved.
 - After repairs, the monitors need to reset. If the issue persists, the MIL will illuminate again.
- **Device Not Powering On:**

- Confirm the OBD2 cable is securely connected to both the device and the vehicle's OBD2 port.
- Ensure the vehicle's battery voltage is within the 9-18V operating range.
- **No ABS/SRS Code Reading:**
 - The TOPDON AL300 is an OBD2 scanner and is designed to read and clear engine-related fault codes only. It cannot read or erase codes for ABS (Anti-lock Braking System), SRS (Airbag System), or other non-engine systems.

SPECIFICATIONS

Brand	TOPDON
Model	ArtiLink 300 (AL300)
Item Weight	7.4 ounces
Product Dimensions	4.72 x 2.82 x 0.92 inches
Display Resolution	320*480 pixels
Language	English
Special Features	I/M Readiness Check, Full OBD2 Functions, DTC Lookup, Plug-and-Play
UPC	632111336268

WARRANTY AND SUPPORT

TOPDON stands behind the quality of its products. The AL300 comes with:

- **12-Month Product Support:** Enjoy peace of mind with a 12-month product support period.
- **24/7 Online Support:** For any issues or questions, dedicated 24/7 online support is available.
- **Return & Replacement Policy:** The product is backed by an available return and replacement policy.

For assistance, please reach out to TOPDON's customer support team.

© 2023 TOPDON. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

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

Open the live page

<https://manuals.plus/asin/B08F5DDLNX>

More documents and user manuals: **<https://manuals.plus/>**