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› TOPDON ArtiLink400 Code Reader User Manual

## TOPDON AL400-02

# TOPDON ArtiLink400 Code Reader User Manual

Model: AL400-02

Brand: TOPDON

## 1. INTRODUCTION

The TOPDON ArtiLink400 is a professional diagnostic tool designed for automotive enthusiasts and mechanics. This code reader provides comprehensive OBD2 functions, allowing users to quickly identify and resolve vehicle issues. Its user-friendly interface and robust features make it an essential tool for vehicle maintenance and diagnostics.

## 2. WHAT'S IN THE BOX

- OBD2 Code Reader

Please ensure all components are present upon unboxing. If any items are missing or damaged, contact TOPDON customer support.

## 3. PRODUCT OVERVIEW AND FEATURES

The ArtiLink400 is equipped with a 2.4-inch color screen and intuitive controls for easy navigation. It supports a wide range of diagnostic functions to help you understand your vehicle's health.



Figure 3.1: Front view of the TOPDON ArtiLink400 Code Reader, showing the screen, navigation buttons, and OBD2 cable.

### Key Features:

- **Read and Clear Fault Codes:** Quickly read and clear both Generic (P0, P2, P3, U0) and Manufacturer-Specific (P1, P3,

U1) Diagnostic Trouble Codes (DTCs).

- **Freeze Frame Data:** View a snapshot of the vehicle's operating conditions at the time a fault code was set.
- **Data Stream:** Display live sensor data in text or graph format for real-time monitoring.
- **I/M Readiness:** Check the status of emission-related monitors to help pass emissions tests with a one-touch button.
- **Vehicle Information:** Retrieve Vehicle Identification Number (VIN), Calibration ID (CID), and Calibration Verification Number (CVN).
- **Free Lifetime Updates:** Keep your device up-to-date with the latest vehicle models and diagnostic functions via free software updates.

# TOPDON

## AL400

### PROFESSIONAL DIAGNOSTIC TOOL

#### OBD2 with Full 10 Functions



Read  
Codes



Erase  
Codes



I/M  
Readiness



Data  
Stream



View Freeze  
Frame Data



O2 Sensor  
Test



On-Board  
Monitor Test



EVAP  
System Test



Vehicle  
Information



Review

Figure 3.2: Overview of the 10 professional diagnostic functions supported by the AL400, including Read Codes, Erase Codes, I/M Readiness, Data Stream, View Freeze Frame Data, O2 Sensor Test, On-Board Monitor Test, EVAP System Test, Vehicle Information, and Review.

# SUPPORTS 7 LANGUAGES



## VEHICLE COVERAGE

Works on most US vehicles after 1996,  
European and Asian vehicles after 2000.

## SUPPORTS OBDII PROTOCOLS

J1850 PWM

J1850 VPW

ISO9141

KWP2000

CAN

Figure 3.3: Illustration showing the ArtiLink400's support for 7 languages (English, French, Spanish, German, Italian, Portuguese, Russian) and various OBDII protocols (J1850 PWM, J1850 VPW, ISO9141, KWP2000, CAN).

# COMPACT SIZE & EASY OPERATION



Figure 3.4: Detailed view of the ArtiLink400's compact size and key components, including LED indicators, 2.4" color LCD screen, 16-pin OBD II Connector, I/M Readiness Button, and LED Light Button. Dimensions are approximately 14.7cm (height), 2.43cm (width), and 7.9cm (depth).

## 4. SETUP

1. **Locate the OBD2 Port:** The OBD2 port is typically located under the dashboard on the driver's side of the vehicle. Refer to your vehicle's owner's manual if you cannot find it.

2. **Connect the Device:** Plug the 16-pin OBD2 connector of the ArtiLink400 firmly into the vehicle's OBD2 port. The device will power on automatically.
3. **Start the Vehicle:** Turn the vehicle's ignition to the "ON" position (engine off) or start the engine, depending on the diagnostic function you wish to perform.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Main Menu Navigation

Upon powering on, the device will display the main menu. Use the directional arrows (Up, Down, Left, Right) to navigate between options and the "OK" button to confirm selections. The "Return" button (back arrow) allows you to go back to the previous screen.

### 5.2 Reading and Clearing Codes

1. From the main menu, select "OBD II/EOBD" or "DTC LOOKUP".
2. Choose "Read Codes" to display current, pending, and permanent diagnostic trouble codes.
3. To clear codes, select "Erase Codes". Confirm the action when prompted. **Warning:** Clearing codes will erase all diagnostic trouble codes and freeze frame data. Ensure you have recorded any necessary information before proceeding.

### 5.3 Viewing Live Data Stream

The ArtiLink400 can display real-time data from various vehicle sensors.

1. From the main menu, select "DATA" or "REVIEW DATA".
2. Choose "Data Stream" to view live sensor data. You can select specific parameters to monitor.
3. The device supports graphical display of data for easier analysis.

# EASY TO READ GRAPHICAL DISPLAY



Figure 5.1: The ArtiLink400's screen showing a graphical representation of a data stream, illustrating RPM values over time for easy analysis.

## 5.4 I/M Readiness Test

Use the I/M Readiness function to check the status of the vehicle's emission system monitors.

1. Press the dedicated "I/M" button on the device or select "I/M" from the main menu.
2. The device will display the status of various monitors (e.g., Misfire Monitor, Fuel System Monitor, O2 Sensor Monitor) as

"OK" (completed) or "INC" (incomplete).

## 6. MAINTENANCE AND UPDATES

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The ArtiLink400 supports free lifetime software updates to ensure compatibility with new vehicle models and to enhance functionality.

1. **Download Update Tool:** Visit the official TOPDON website ([www.topdon.com](http://www.topdon.com)) and download the update tool for the ArtiLink series.
2. **Connect to Computer:** Connect the ArtiLink400 to your computer using the provided USB cable.
3. **Run Update Tool:** Follow the on-screen instructions of the update tool to download and install the latest software.

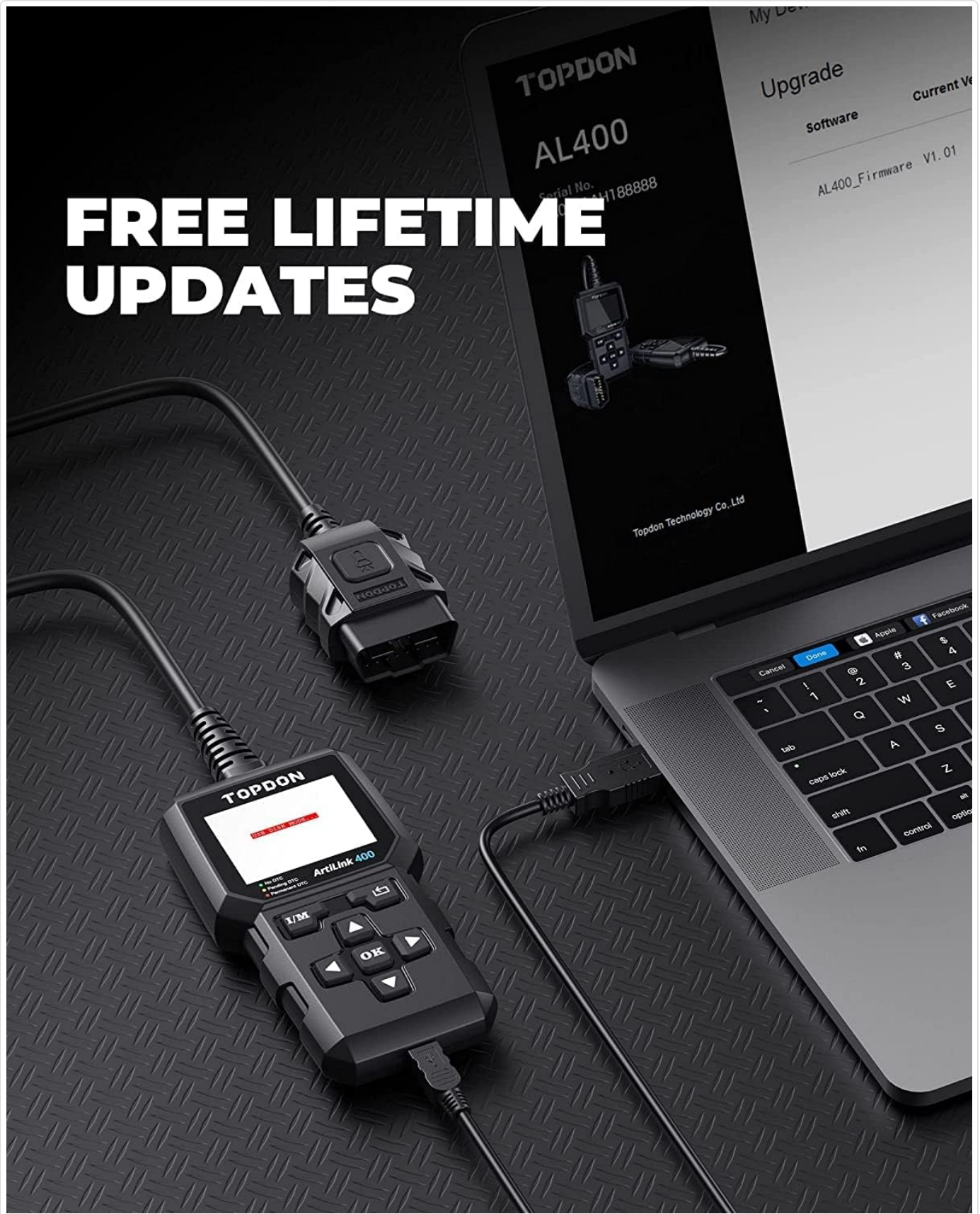


Figure 6.1: The ArtiLink400 connected to a laptop via USB cable, illustrating the process of performing free lifetime software updates.

## 7. TROUBLESHOOTING

If you encounter issues with your ArtiLink400, please refer to the following common problems and solutions:

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

| Problem                           | Possible Cause                                                 | Solution                                                                                                                                   |
|-----------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Device does not power on.         | Loose connection; Vehicle's OBD2 port not supplying power.     | Ensure the OBD2 cable is securely connected. Check vehicle's fuse for the OBD2 port. Try on another vehicle if possible.                   |
| Communication error with vehicle. | Incorrect protocol; Vehicle ignition not on; Faulty OBD2 port. | Ensure vehicle ignition is in the "ON" position. Verify the vehicle supports standard OBD2 protocols. Try cleaning the OBD2 port pins.     |
| Cannot clear codes.               | Engine running; Underlying fault still present.                | Ensure engine is off and ignition is in "ON" position. Codes cannot be cleared if the underlying issue causing them has not been resolved. |

For further assistance, please contact TOPDON customer support.

## 8. SPECIFICATIONS

| Attribute          | Value                                                                           |
|--------------------|---------------------------------------------------------------------------------|
| Brand              | TOPDON                                                                          |
| Model              | AL400-02                                                                        |
| Item Weight        | 14.4 ounces                                                                     |
| Product Dimensions | 3.11 x 0.96 x 5.79 inches                                                       |
| Country of Origin  | China                                                                           |
| Batteries          | 1 Lithium Polymer batteries required.                                           |
| Operating System   | Android 4.0 (Note: This might refer to the internal system, not user-facing OS) |
| Display            | 2.4" Color LCD Screen                                                           |
| Connectivity       | 16-pin OBD II Connector                                                         |

## 9. WARRANTY AND SUPPORT

TOPDON products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official TOPDON website.

For technical support, product inquiries, or warranty claims, please contact TOPDON customer service through their official website: [www.topdon.com/pages/contact-us](http://www.topdon.com/pages/contact-us).

### 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**