

TOPDON ArtiDiag EU for BBA

TOPDON ArtiDiag EU-BBA OBD2 Scanner User Manual

Full System Diagnostic Tool for Mercedes-Benz, BMW, and V.A.G Vehicles

1. INTRODUCTION

The TOPDON ArtiDiag EU-BBA is a specialized full-system diagnostic tool designed for Mercedes-Benz, BMW, and V.A.G group vehicles. This manual provides detailed instructions for setting up, operating, and maintaining your device to ensure accurate and efficient vehicle diagnostics and maintenance.

2. PRODUCT OVERVIEW AND WHAT'S IN THE BOX

The ArtiDiag EU-BBA is a compact and powerful diagnostic scanner. Before starting, please verify all components are present.

What's in the Box?



ArtiDiag EU



Diagnostic Cable



Charging Cable



Quick User Guide



User Manual



Carrying Case



Packaging Box

Image: The ArtiDiag EU-BBA device, diagnostic cable, charging cable, carrying case, quick user guide, and user manual.

Box Contents:

- 1 x ArtiDiag EU-BBA Diagnostic Tool
- 1 x Diagnostic Cable (OBD2)
- 1 x Charging Cable
- 1 x Carrying Case
- 1 x Quick User Guide
- 1 x User Manual (this document)

3. SETUP INSTRUCTIONS

3.1 Initial Charging

The device contains a 3000mAh Lithium Ion battery. For initial use, it is recommended to fully charge the device using the provided charging cable. The device can also charge when connected to a vehicle's OBD2 port.

3.2 Connecting to Vehicle

1. Locate the vehicle's OBD2 port, typically under the dashboard on the driver's side.
2. Connect the diagnostic cable to the ArtiDiag EU-BBA device.
3. Plug the other end of the diagnostic cable into the vehicle's OBD2 port.
4. Turn the vehicle's ignition to the 'ON' position (engine off).
5. The ArtiDiag EU-BBA will power on automatically.

3.3 Software Updates and Language Selection

The ArtiDiag EU-BBA supports lifetime free updates. Connect the device to a Wi-Fi network to download the latest software and vehicle data. Updates can be performed with a single click from the device's main menu. The device supports 11 languages, which can be selected in the settings menu.

4. OPERATING INSTRUCTIONS

The ArtiDiag EU-BBA features a 4-inch touchscreen display for intuitive navigation. The main interface provides access to various diagnostic and service functions.



Image: The ArtiDiag EU-BBA displaying diagnostic trouble codes for a BMW vehicle.

4.1 Full System Diagnostics

This function allows for a comprehensive scan of all available electronic control units (ECUs) in the vehicle. It covers systems such as Engine (ECM), Transmission (TCM), Anti-lock Braking System (ABS), Supplemental Restraint System (SRS), Tire Pressure Monitoring System (TPMS), ESP, Immobilizer, Gateway, Steering, and Radio.

Complete Maintenance Services

Everything You Need to Boost Vehicle Performance



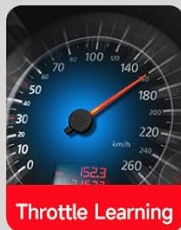
Oil Reset



EPB Reset



BMS Reset



Throttle Learning



TPMS Reset



ABS Bleeding



Gearbox Matching



Suspension Matching



SAS Reset



D.P.F Regeneration



Sunroof Initializing



More...

Image: The ArtiDiag EU-BBA connected to a vehicle, illustrating its capability for full system diagnostics.

To perform a full system diagnostic:

1. From the main menu, select 'Diagnostics'.
2. The device will automatically identify the vehicle's VIN (Vehicle Identification Number). Confirm the vehicle information.
3. Select 'Full System Scan' to initiate a scan of all accessible modules.
4. Review the displayed fault codes and system status.

4.2 Bi-Directional Control (Active Tests)

Bi-directional control allows you to send commands to vehicle ECUs to test specific components. This helps in accurately pinpointing issues without disassembling parts.

Bi-direction Control, Instant Precision

Command Vehicle Components to
Pinpoint Issues Accurately



Image: Examples of bi-directional control, including throttle modulation, window operation, fuel pump activation, and AC clutch testing.

Examples of components that can be tested include:

- Modulating throttle
- Opening/closing windows
- Activating the fuel pump
- Turning the AC clutch on/off
- Wiper activation

4.3 ECU Online Coding

ECU Online Coding enables customization of vehicle settings, activation of hidden features, disabling unwanted functions, and component matching. This function allows for optimization of vehicle performance and personalization.

Drive Your Personality with ECU Coding

Customize, Activate, and Optimize for Maximum Performance



Image: The ArtiDiag EU-BBA demonstrating ECU coding options for vehicle customization.

Consult your vehicle's service manual or a qualified technician before performing ECU coding to avoid unintended consequences.

4.4 All Service Functions

The ArtiDiag EU-BBA provides a comprehensive suite of service functions for routine maintenance and repairs. These functions help reset and initialize vehicle systems after component replacement or service.

TOPDON ArtiDiag EU

New

Specialized Diagnostic Tool for European Models

Works on

Mercedes-Benz,
Maybach, Sprinter

Works on

BMW, Mini,
Rolls-Royce

Works on

VW, Audi, VW_CV, Skoda,
Seat, Bugatti, Bentley,
Man_Tge, Lamborghini



Image: A selection of maintenance service functions available on the ArtiDiag EU-BBA.

Key service functions include:

- Oil Reset
- Electronic Parking Brake (EPB) Reset
- Battery Management System (BMS) Reset
- Throttle Learning
- Headlamp Adjustments
- Power Window Normalization
- Diesel Particulate Filter (DPF) Regeneration
- Anti-lock Braking System (ABS) Bleeding
- Steering Angle Sensor (SAS) Reset
- Tire Pressure Monitoring System (TPMS) Reset
- Gearbox Matching
- Suspension Matching
- Sunroof Initializing
- Injector Code

- AdBlue Reset

4.5 Full OBD2 Modes

The device supports all 10 OBD2 test modes for comprehensive engine diagnostics on compliant vehicles.



Image: An illustration of the full OBD2 diagnostic modes available.

These modes include:

- Read and Clear Diagnostic Trouble Codes (DTCs)
- View Live Data Stream
- View Freeze Frame Data
- I/M Readiness Status
- O2 Sensor Test
- On-Board Monitor Test
- EVAP System Test
- Read Vehicle Information (VIN, CID, CVN)

4.6 Additional Features

The ArtiDiag EU-BBA includes several practical functions to streamline diagnostics:

- **Smart AutoVIN:** Automatically identifies vehicle information upon connection.
- **VAG Guided Function:** Provides step-by-step instructions for V.A.G vehicles.
- **Data Report and Share:** Generate and share diagnostic reports.
- **Graphic Live Data:** Visualize live sensor data for easier analysis.
- **User Feedback:** Submit feedback directly from the device.

More Features, Less Hassle

Practical Functions You Can Rely On

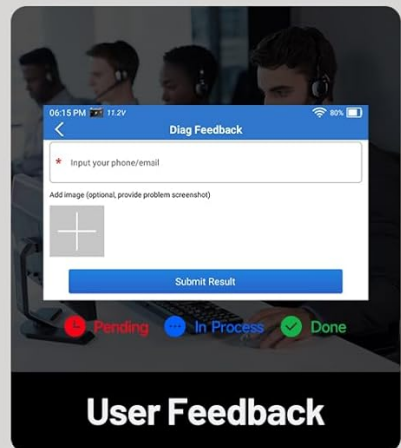
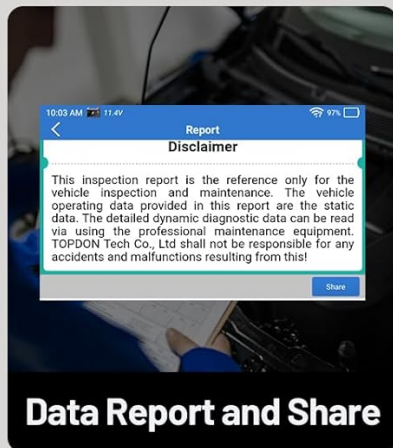
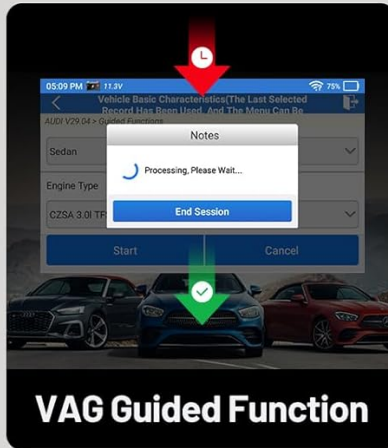
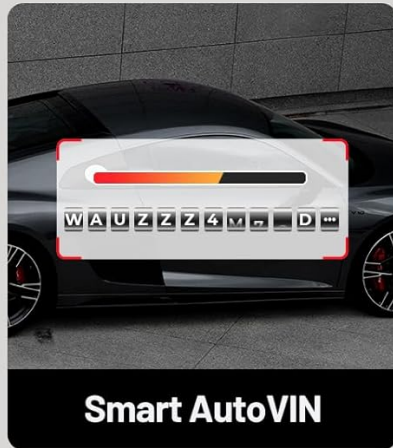


Image: Overview of additional practical functions on the ArtiDiag EU-BBA.

5. MAINTENANCE

5.1 Software Updates

Ensure your device is always up-to-date by regularly checking for and installing software updates via Wi-Fi. These updates provide new features, vehicle coverage, and bug fixes.

5.2 Cleaning the Device

Wipe the device screen and body with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the screen or casing.

5.3 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Store the device in a cool, dry place when not in use for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your ArtiDiag EU-BBA, consider the following:

- **Device not powering on:** Ensure the device is charged or properly connected to the vehicle's OBD2 port.
- **Connection issues:** Verify the diagnostic cable is securely connected to both the device and the vehicle. Ensure the vehicle's ignition is on.
- **Software update failures:** Check your Wi-Fi connection. Ensure there is sufficient storage space on the device.
- **Inaccurate readings or functions:** Ensure the vehicle's make, model, and year are correctly identified. Perform a software update to ensure the latest vehicle data is installed.

For persistent issues, utilize the 'User Feedback' function on the device or contact TOPDON customer support.



7. SPECIFICATIONS


Future-Proof with Free and Continuous Enhancements

Compact


Powerful

Sustainable







4-inch
800*480



2G RAM + **32G ROM**



1.3Ghz 4-Core
Processor



Android
8.1

Image: Key technical specifications and internal components of the ArtiDiag EU-BBA.

Feature	Specification
Display	4-inch, 800x480 pixels
Processor	1.3GHz Quad-Core
RAM	2GB
ROM	32GB
Operating System	Android 8.1
Battery	3000mAh Lithium Ion
Dimensions	25 x 17.5 x 7.6 cm
Weight	897 g
Supported Languages	11 (including English, French, German, Spanish, Italian, Portuguese, Polish, Russian, Chinese)

8. WARRANTY AND SUPPORT



8.1 Warranty Information

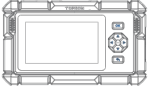


The TOPDON ArtiDiag EU-BBA comes with a 1-year warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty inquiries, or any questions regarding the operation of your device, please contact TOPDON customer support. Refer to the official TOPDON website for the most current contact information.

Related Documents - ArtiDiag EU for BBA

	<p>TOPDON Phoenix Lite 3: Advanced Automotive Diagnostic Tool</p> <p>Explore the features, specifications, and functions of the TOPDON Phoenix Lite 3, a compact and powerful diagnostic scanner for automotive professionals. Learn about its OE-level diagnostics, maintenance functions, and user-friendly operation.</p>
	<p>TOPDON Phoenix Smart Product Profile - Advanced Automotive Diagnostics</p> <p>Explore the TOPDON Phoenix Smart, a powerful diagnostic tool with advanced features, comprehensive vehicle coverage, and online programming capabilities. Learn about its specifications, functions, and benefits for automotive repair professionals.</p>

<div data-bbox="132 107 296 159">ArtiDiag Professional Diagnostic Tool USER MANUAL</div> <div data-bbox="140 203 288 291"></div> <div data-bbox="132 351 193 367">TOPDON</div>	<p>TOPDON ArtiDiag Professional Diagnostic Tool User Manual</p> <p>Comprehensive user manual for the TOPDON ArtiDiag series (ArtiDiag500, ArtiDiag600) professional automotive diagnostic tools. Covers safety precautions, product overview, setup, detailed usage instructions for diagnostics, maintenance services, software updates, specifications, FAQ, warranty, and FCC compliance.</p>										
<div data-bbox="118 667 309 770">ArtiDiag600 S PRODUCT PROFILE</div> <div data-bbox="197 719 309 770"></div> <div data-bbox="132 757 150 768">TOPDON</div>	<p>TOPDON ArtiDiag600 S: Advanced Automotive Diagnostic Scanner Product Profile</p> <p>Explore the features and specifications of the TOPDON ArtiDiag600 S, a professional diagnostic scanner offering comprehensive system analysis, 8 maintenance functions, AutoVIN technology, and free lifetime updates for over 90 vehicle brands.</p>										
<div data-bbox="132 992 284 1093"><p>For Services and Support</p><table><tr><td>TEL</td><td>86-755-26028888 1800-400-4888 (TOLL FREE AMERICA) 2610-0080 (TOLL FREE CANADA)</td></tr><tr><td>EMAIL</td><td>SUPPORT@TOPDON.COM</td></tr><tr><td>WEBSITE</td><td>WWW.TOPDON.COM</td></tr><tr><td>FACEBOOK</td><td>@TOPDONMOTO</td></tr><tr><td>Twitter</td><td>@TOPDONMOTO</td></tr></table><p>CE RoHS</p></div>	TEL	86-755-26028888 1800-400-4888 (TOLL FREE AMERICA) 2610-0080 (TOLL FREE CANADA)	EMAIL	SUPPORT@TOPDON.COM	WEBSITE	WWW.TOPDON.COM	FACEBOOK	@TOPDONMOTO	Twitter	@TOPDONMOTO	<p>TOPDON ArtiDiag VV Professional Diagnostic Tool User Manual</p> <p>Comprehensive user manual for the TOPDON ArtiDiag VV professional automotive diagnostic tool, covering setup, operation, features, troubleshooting, and warranty information.</p>
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<div data-bbox="132 1352 296 1391">UltraDiag Moto Built for the Motorcycle Diagnostics USER MANUAL</div> <div data-bbox="132 1444 296 1547"></div> <div data-bbox="132 1599 177 1615">TOPDON</div>	<p>TOPDON UltraDiag Moto User Manual: Motorcycle Diagnostics Guide</p> <p>Comprehensive user manual for the TOPDON UltraDiag Moto, a professional diagnostic tool for motorcycles. Covers setup, operation, features, specifications, FAQ, and compliance information.</p>										