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udiag A200

UDIAG A200 OBD2 Scanner Instruction Manual

Full System Diagnostic Scan Tool for BMW, Mini, and Rolls Royce

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1. INTRODUCTION

The UDIAG A200 is a professional-grade OBD2 diagnostic scan tool designed for comprehensive vehicle analysis. It offers full system diagnostics, bi-directional control, and a wide range of reset services specifically tailored for BMW, Mini, and Rolls Royce vehicles manufactured after 1996. This manual provides essential information for setting up, operating, and maintaining your A200 device to ensure accurate and efficient vehicle diagnostics.

2. WHAT'S IN THE BOX

Upon opening your UDIAG A200 package, please verify that all the following items are included:

- A200 Diagnostic Scan Tool
- OBD II Cable
- TF Card Reader
- Protective Case
- User Manual (this document)



Image: The UDIAG A200 diagnostic scan tool, OBD II cable, TF card reader, protective case, and user manual as packaged.

3. SETUP GUIDE

Follow these steps to prepare your UDIAG A200 for first use:

1. **Locate the OBDII Port:** The OBDII (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 cannot find it.
2. **Connect the OBDII Cable:** Plug one end of the provided OBDII cable into the A200 device and the other end into your vehicle's OBDII port. Ensure a secure connection.
3. **Power On the Device:** The A200 device is powered directly by your vehicle's 8-18V electrical system through the OBDII port. Turn your vehicle's ignition key to the 'ON' position (do not start the engine). The device should power on automatically.
4. **Initial Language Selection:** If this is your first time using the device, you may be prompted to select your preferred language. Use the navigation buttons to select English or another supported language (Spanish, French, German) and confirm.

OE-LEVEL ALL SYSTEM DIAGNOSTICS FIT FOR BMW MINI ROLLS-ROYCE

Help You Pinpoint the Problems in Minutes with A Greater Degree of Accuracy!



Image: The UDIAG A200 scanner's main screen showing options for various diagnostic functions like TPMS, EPB, DPF, BRT, Suspension, ABS, Injector Coding, Throttle Reset, Sun Roof, Airbag, and SAS.

4. OPERATING INSTRUCTIONS

The UDIAG A200 offers a range of diagnostic and service functions. Navigate through the menus using the directional buttons and confirm selections with the 'OK' button.

4.1. All System Diagnostics

The A200 can perform fast and accurate diagnoses for all available control modules in your vehicle, including ABS, SRS, Engine, Transmission, Brake System, Suspension System, Fuel system, and more. Select the 'BMW', 'Mini', or 'Rolls Royce' application from the main menu to access these functions.

ALL FUNCTIONS DIAGNOSTIC TOOL

UDIAG A200 FIT FOR BMW MINI ROLLS-ROYCE

Diagnose, Troubleshooting, Maintenance, All in One



ABS/ASC/DSC Functions



CBS Functions



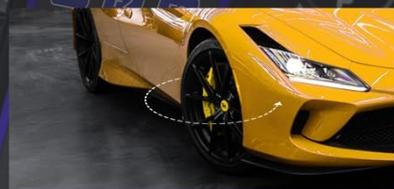
Clear Adaptions



Battery Health Check



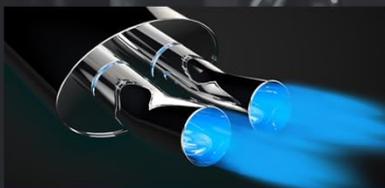
TPMS ECU Function



Adjustment Steering-Angle Sensor



Fuel Pump Function



DPF Regeneration Function



DME/DDE Functions



Interval Indicator Functions



Battery Registration Function



Tire Pressure Control Function

Image: A visual representation of various diagnostic functions such as ABS/ASC/DSC, CBS, Clear Adaptions, Battery Health Check, TPMS ECU Function, Adjustment Steering-Angle Sensor, Fuel Pump Function, DPF Regeneration Function, and DME/DDE Functions.

4.2. ABS Scan Tool and Bleeding

This unique feature allows for ABS bleeding, which is crucial after replacing brake components like calipers, wheel cylinders, master cylinders, brake lines, or hoses. The tool cycles the pump and valves to remove air from the brake system, ensuring a firm brake pedal and safe driving.

4.3. 40+ Special Service Functions

The A200 supports over 40 special service functions for maintenance and resets. These include, but are not limited to:

- Electronic Parking Brake (EPB) Reset
- Steering Angle Sensor (SAS) Calibration
- Throttle Body Alignment (TBA/TPS)
- Tire Pressure Monitoring System (TPMS) Reset
- Oil Service Reset

- Suspension Adaptation
- Battery Registration
- Adaptive Gearbox Reset
- Injector Coding
- Diesel Particulate Filter (DPF) Regeneration

40+ SPECIAL FUNCTIONS RESET MAINTENANCE SERVICE

Convenient And Powerful



Image: The UDIAG A200 screen showing a list of special functions available, such as ABS Bleeding, EPB Reset, Battery Reset, SAS Learning, Oil Reset, EGR, DPF Regeneration, TPMS, and Injector Coding.

4.4. Active Test (Bi-Directional Control) and DTC Lookup

The A200 supports bi-directional control, allowing you to send commands to vehicle components to test their functionality. This includes actuating components like folding mirrors, rolling windows, electric fans, injectors, A/C clutch, wipers, electronic fuel pump, and deactivating brakes. The device also features an onboard DTC library to help interpret error codes without needing external resources.

BI-DIRECTIONAL/ACTIVE TEST OPERATION CONTROLS

- ✓ Folding Mirrors
- ✓ Roll Window
- ✓ Electric Fan
- ✓ Injectors
- ✓ A/C Clutch on/off
- ✓ Wiper Test
- ✓ Electronic Fuel Pump
- ✓ Turn on/off the Lights
- ✓ Deactivate Brakes

Support 4 Languages



English



Spanish



French



German



Image: The UDIAG A200 screen showing a list of bi-directional/active test operations, such as Folding Mirrors, Roll Window, Electric Fan, Injectors, A/C Clutch on/off, Wiper Test, Electronic Fuel Pump, Turn on/off the Lights, and Deactivate Brakes.

4.5. Full OBDII Functions

Beyond specific BMW/Mini/Rolls Royce functions, the A200 also serves as a universal OBDII car code reader, supporting all 10 OBDII test modes for checking engine lights, reading, and erasing codes on any OBDII compliant vehicle (SUVs, light trucks, and 12V diesel vehicles). These functions include:

- Read Codes
- Clear Codes
- Data Stream
- Freeze Frame Data
- System Information
- On-Board Monitor Test
- I/M Readiness
- Component Test
- EVAP Monitor Test

- O2 Monitor Test

FULL OBDII FUNCTIONS FOR ALL CAR MAKES!

NO ONLY FIT FOR BMW MODELS

Check if your car is ready for Emission Test before the Annual Inspection.



Image: The UDIAG A200 screen showing a comprehensive list of full OBDII functions, such as On-Board Monitor Test, I/M Readiness, Code Lookup, Freeze Frame, Read codes, Component Test, EVAP Monitor Test, O2 Monitor Test, Erase/Clear Codes, Live Data / Data Stream, and Vehicle Information.

5. VEHICLE COMPATIBILITY

The UDIAG A200 is specifically designed for BMW, Mini, and Rolls Royce vehicles manufactured after 1996. Additionally, its universal OBDII functions are compatible with most other car makes worldwide, including SUVs, light trucks, and 12V diesel vehicles equipped with an OBD2 system.

6. MAINTENANCE

To ensure the longevity and optimal performance of your UDIAG A200, consider the following maintenance guidelines:

- **Software Updates:** The UDIAG A200 comes with lifetime free software updates. Regularly check for and install updates to ensure compatibility with the latest vehicle models and diagnostic protocols. Use the

provided TF card reader to facilitate updates via a computer.

- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the screen or casing.
- **Storage:** Store the device in its protective case when not in use to prevent dust accumulation and physical damage. Keep it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Inspect the OBDII cable regularly for any signs of wear or damage. Replace if necessary to maintain a reliable connection.

7. TROUBLESHOOTING

If you encounter issues while using your UDIAG A200, try the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the OBDII cable is securely connected to both the device and the vehicle's OBDII port. Verify that the vehicle's ignition is in the 'ON' position. Check your vehicle's fuse box for any blown fuses related to the OBDII port.
- **Communication Error:** Confirm that your vehicle is OBDII compliant and that the ignition is on. Try disconnecting and reconnecting the cable. Ensure the vehicle's battery has sufficient charge.
- **Incorrect Readings/Functions:** Ensure the device software is up to date. Verify that you have selected the correct vehicle make/model within the device's menu.
- **Screen Freezes:** Disconnect the device from the vehicle, wait a few seconds, and then reconnect it. If the issue persists, perform a software update.

For persistent issues or advanced troubleshooting, please refer to the support section.

8. SPECIFICATIONS

Feature	Detail
Model	A200 for BMW
Brand	udiag
Power Source	8-18V Provided by Vehicle
Operating System	Embedded System
Screen Size	2.8 Inches
Manufacturer	UDIAG

9. WARRANTY AND SUPPORT

UDIAG is committed to providing high-quality products and excellent customer service. Your satisfaction is our priority.

9.1. UDIAG Quality Assurance

The UDIAG A200 is manufactured under strict quality control standards. We stand behind the reliability and performance of our products.

9.2. Contacting Support

If you have any questions, concerns, or require technical assistance with your UDIAG A200, please do not hesitate

to contact our customer support team. Refer to the contact information provided on our official website or the product packaging for the most up-to-date support channels.