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AZIJYV B3

AZIJYV B3 OBD2 Gauge Display User Manual

Model: B3 | Brand: AZIJYV

INTRODUCTION

The AZIJYV B3 OBD2 Gauge Display is a head-up display system designed to provide essential vehicle data directly to the driver's line of sight. This speedometer connects to your car's On-Board Diagnostics (OBD2) port, allowing it to read and display critical information such as vehicle speed, engine RPM, water temperature, and fuel consumption. Its 5.5-inch screen features a clear, gradient color display and automatic light sensitivity for optimal visibility in various lighting conditions. The B3 also incorporates multiple safety alarm functions, including overspeed, water temperature, and fatigue driving reminders, enhancing driving safety and awareness.



Figure 1: Front view of the AZIJYV B3 OBD2 Gauge Display.

KEY FEATURES

- **Comprehensive Data Display:** Shows vehicle speed, engine RPM, water temperature, fuel consumption, single travel time, single travel distance, and voltage.
- **Advanced Alarm Functions:** Includes overspeed alarm, speed alarm, water temperature alarm, voltage alarm, and fatigue driving reminder to enhance driving safety.
- **Automatic Light Sensitivity:** Adjusts display brightness automatically based on ambient light, ensuring clear visibility day or night. Manual adjustment is also available.
- **User-Friendly Design:** Features a graceful curved design with a 30mm deep brim to prevent display leakage. A single dial button allows for easy operation and mode switching.
- **Optimized Performance:** Equipped with a new low-power chip for reduced standby consumption and a numerical lubrication algorithm for smooth, coherent data display without lag.
- **Multiple Display Interfaces:** Offers various display modes to show different combinations of data simultaneously, allowing

B3 display function



Figure 2: Overview of B3 display functions including speed, clock, RPM, water temperature, driving time, driving distance, fuel consumption, and voltage.

Multiple alarm functions

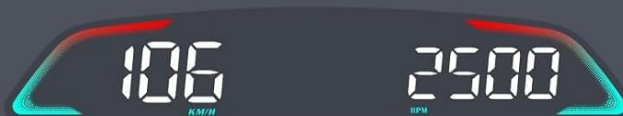


Figure 3: Visual representation of multiple alarm functions: overspeed, RPM, water temperature, voltage, and tired driving reminder.

Multiple interfaces & switch at will



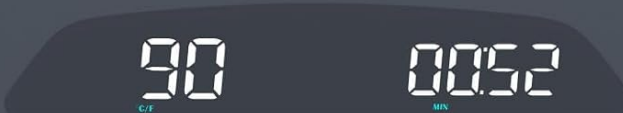
Speed + RPM + Water Temperature +
Fuel Consumption + Time + Ambient Lights



Speed + RPM + Ambient Light



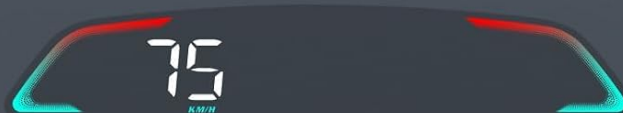
Speed + RPM + Water temperature +
Fuel consumption + Driving distance



Water temperature + Driving time



Speed + RPM + Water temperature +
Fuel consumption + Ambient lights



Speed + Ambient lights



Speed + RPM +
Water temperature + Fuel consumption



Simple speed

Figure 4: Examples of various display interfaces available on the B3, combining different data points.

PACKAGE CONTENTS

Please verify that all items are present in the product box:

- 1 x B3 OBD2 Meter (HUD unit)
- 1 x OBD Cable
- 1 x Non-slip Mat
- 1 x Instruction Manual

Made with heart and craftsmanship

Semi-arc three-dimensional design,
making the fuselage more rounded

30mm deep brim,
no display leakage



Beautiful design of
flow-shaped arc surface

Dial button



16mm/
1.63in

Adopt compact small
patterns, exquisitely polished

Photosensitive element

OBD interface

Figure 5: All items included in the B3 product package.

SETUP AND INSTALLATION

The B3 OBD2 Gauge Display offers a non-destructive, plug-and-play installation process. It automatically powers on and off with your vehicle, ensuring convenience and preventing damage to your car's electrical system.

Installation Steps:

1. **Locate OBD Socket:** Identify your vehicle's OBD2 socket connector, typically located under the dashboard on the driver's side.
2. **Connect OBD Cable:** Insert one end of the provided OBD cable into the vehicle's OBD2 socket.
3. **Route Cable:** Carefully route the OBD cable along the A-pillar sealing strip to conceal it and ensure it does not interfere with driving.
4. **Connect to HUD:** Connect the other end of the OBD cable to the B3 HUD unit.
5. **Position HUD:** Place the B3 HUD unit on your dashboard in a position that allows for convenient viewing of the data.

without obstructing your view of the road. Use the included non-slip mat to secure the device.

Small body, suitable for placement

No matter where it is placed, it is clear and natural,
without obstructing any view

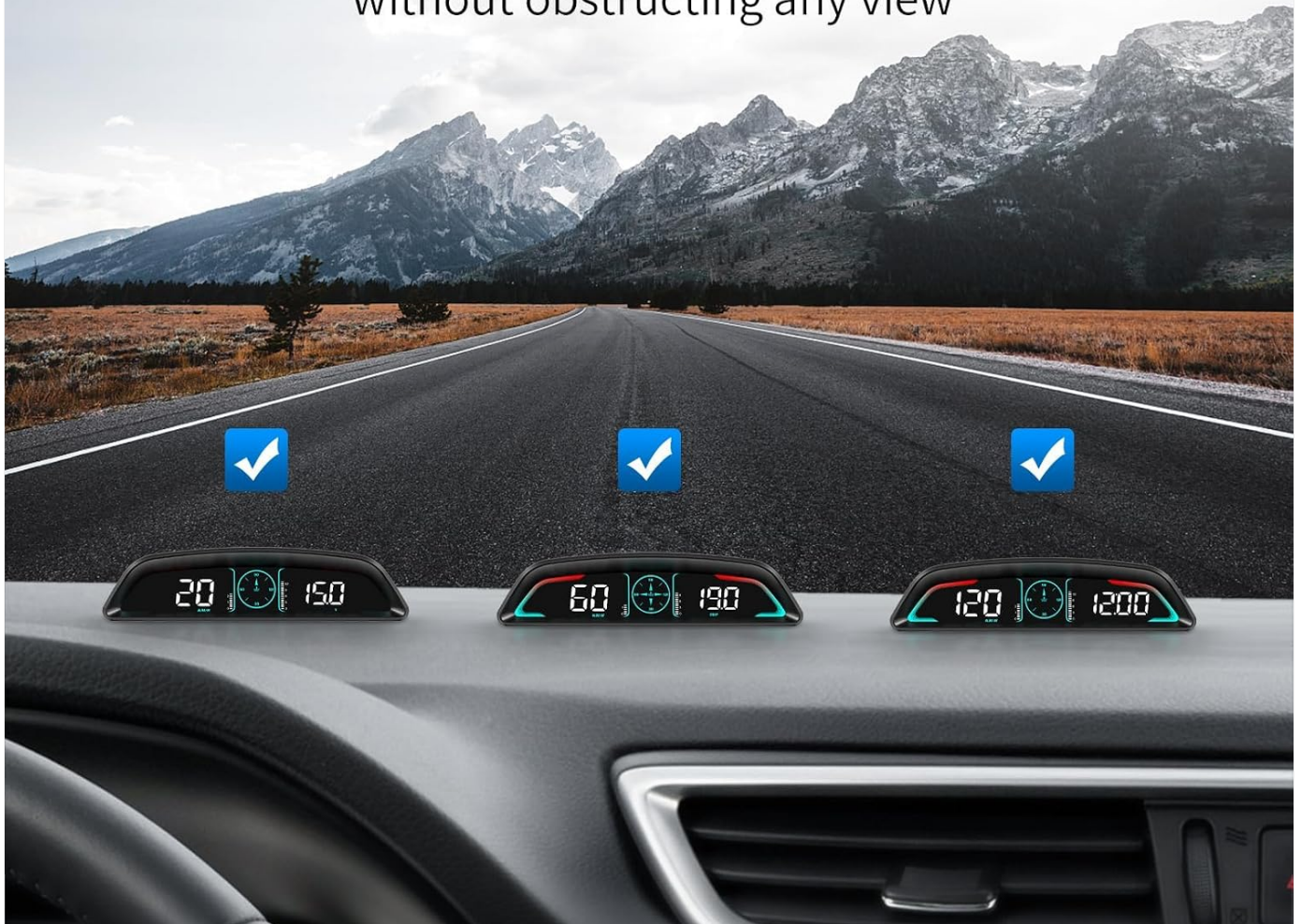


Figure 6: The compact design of the B3 allows for discreet placement on the dashboard without obstructing the driver's view.

Your browser does not support the video tag.

Video 1: Demonstrates the installation process and various display modes of the AZIJYV B3 Head Up Display.

OPERATING INSTRUCTIONS

The B3 unit is designed for simple, one-click operation using its dial button.

Basic Operations:

- **Power On/Off:** The device automatically turns on when the car starts and turns off when the car is shut down.
- **Enter Settings Menu:** Long press the dial button vertically for 2 seconds.
- **Switch Display Mode:** Short press the dial button.
- **Switch Speed and Water Temperature:** Click the dial button to the left.

- **Switch Time, Speed, Voltage, Driving Distance, Driving Time:** Click the dial button to the right.
- **Turn Buzzer Off:** Turn the dial button to the left for 2 seconds until you hear a beep.
- **Turn Buzzer On:** Turn the dial button to the left again for 2 seconds until you hear a beep.

Understanding Displayed Data:

- **Speed:** Displays current vehicle speed (MPH or KM/H).
- **RPM:** Shows engine revolutions per minute.
- **Water Temperature:** Indicates engine coolant temperature (°C/°F).
- **Fuel Consumption:** Provides real-time fuel usage data.
- **Voltage:** Displays the vehicle's battery voltage.
- **Clock:** Shows current time.
- **Single Travel Time:** Records the duration of the current trip.
- **Single Travel Distance:** Records the distance covered in the current trip.

A whole new generation | B3

Multi-function OBD meter

No film · Zero ghosting · Day and night are clear



Figure 7: The B3 display showing multiple functions clearly visible on the dashboard.

TROUBLESHOOTING

If you encounter issues with your B3 OBD2 Gauge Display, please refer to the following common problems and solutions:

- **No Display/Power:**
 - Ensure the OBD cable is securely connected to both the B3 unit and the vehicle's OBD2 port.
 - Verify that your vehicle is compatible with the OBD2 system. The B3 is generally suitable for most models after 2009.
 - Certain car brands/models are known to have compatibility issues with OBD2 devices, including Suzuki, Chevrolet, Subaru, Renault, Peugeot, Citroen, Fiat, DS, Lamborghini, Jeep, SIMCA, Maserati, Dodge, Jazz, CRV, and Hummer. If your car is one of these or an older model, compatibility may be limited.
- **Incorrect Readings:**
 - Ensure the unit is properly configured for your region's speed units (MPH/KM/H).
 - If readings appear erratic, try disconnecting and reconnecting the OBD cable.
- **Warning Lights on Dashboard:**
 - In rare cases, connecting an OBD device can trigger certain vehicle warning lights or affect vehicle systems. If this occurs, immediately disconnect the B3 unit. Consult your vehicle's manual or a qualified mechanic if issues persist after disconnection.
- **Display Brightness Issues:**
 - The B3 has automatic light sensitivity. If you are not satisfied with the automatic adjustment, you can manually adjust the brightness through the settings menu (long press dial button vertically for 2 seconds).

For further assistance, please contact customer support.

SPECIFICATIONS

Attribute	Detail
Model Number	B3
Brand	AZIJYV
Screen Size	5.5 Inches
Product Dimensions (L x W x H)	6.62 x 1.63 x 1.7 inches
Item Weight	40 Grams (1.41 ounces)
Material	Acrylonitrile Butadiene Styrene (ABS)
Connectivity	OBD2 Interface
Compatibility	Most post-2008 models (refer to troubleshooting for exceptions)



Product accessories



B3-HUD



OBD line



Non-slip mat



Instructions

Figure 8: Detailed dimensions and design elements of the B3 unit.

MAINTENANCE

To ensure the longevity and optimal performance of your AZIJYV B3 OBD2 Gauge Display, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the display and exterior. Avoid using abrasive cleaners, solvents, or strong chemicals, as these can damage the surface.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent drops or impacts that could damage internal components or the screen.
- **Cable Care:** Ensure the OBD cable is not kinked, pinched, or subjected to excessive tension, which could damage the wiring.

WARRANTY AND SUPPORT

AZIJYV is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, we offer 24-hour online service to assist you with any questions or issues you may encounter. For support, please contact us through the platform where you purchased the product or refer to the contact information provided on the product packaging or our official website. Please retain your purchase receipt as proof of purchase for any warranty claims or support inquiries.

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