

[Manuals.plus](#) /

› [WYYHAA](#) /

› WYYHAA OBD2 Car Diagnostic Scanner User Manual

WYYHAA 9151414-045-815

WYYHAA OBD2 Car Diagnostic Scanner User Manual

Model: 9151414-045-815

PRODUCT OVERVIEW

The WYYHAA OBD2 Car Diagnostic Scanner is a versatile tool designed to assist in diagnosing vehicle issues. It functions as an OBDII/EOBD code reader and a 12V battery tester, providing comprehensive diagnostic capabilities for various vehicle systems. This device helps users quickly identify the cause of the Check Engine Light (MIL), retrieve diagnostic trouble codes (DTCs), and monitor vehicle performance data.



Front view of the WYYHAA OBD2 Car Diagnostic Scanner, showing its display and control buttons.

The scanner features a user-friendly interface with a TFT color display and intuitive controls, making it accessible for both professional technicians and car enthusiasts. It supports multiple languages and offers lifetime free software upgrades and printing capabilities.

Key Features and Functions

This diagnostic scanner offers a wide range of functions to facilitate accurate vehicle diagnosis:

- **Code Reading and Clearing:** Retrieves generic (P0, P2, P3, U0) and manufacturer-specific (P1, P3, U1) codes, and pending codes. It can also clear codes and reset monitors, turning off the Check Engine Light (MIL).
- **Live Data Stream:** Displays real-time PCM datastream, allowing for dynamic monitoring of vehicle parameters.
- **Freeze Frame Data:** Views a snapshot of vehicle operating conditions at the moment an emission-related fault occurred.
- **O2 Sensor Test Data:** Displays live oxygen sensor test data, crucial for diagnosing emission system issues.
- **I/M Readiness Status:** Shows the readiness status of various emission-related monitors, indicating if they have run

and completed their diagnostic testing.

- **Battery Voltage Test:** Performs a 12V battery test to check the vehicle's battery health.
- **DTC Lookup Library:** Built-in library for quick definition lookup of Diagnostic Trouble Codes.
- **Vehicle Information Retrieval:** Retrieves Vehicle Identification Number (VIN), Calibration ID (CIN), and Calibration Verification Number (CVN).
- **Multi-language Support:** Supports English, French, German, Dutch, Spanish, and Russian.

Can detect 12V gasoline and diesel cars

2.8inchs Black White Screen

KW818 Enhanced OBDII Code Reader Auto Scanner with Battery Monitoring in Real Time

KW818

**Make the
Diagnosis
Easier**

- ☒ Read Codes
- ☒ Erase Codes
- ☒ Data Stream
- ☒ Freeze Frame
- ☒ O2 Sensor Test
- ☒ On-Board Monitoring
- ☒ Evap System
- ☒ Vehicle information
- ☒ Battery Voltage Test



The scanner's display highlighting its diagnostic capabilities, including reading and erasing codes, data stream, freeze frame, O2 sensor test, on-board monitoring, EVAP system, vehicle information, and battery voltage test.



The scanner's screen displaying the language selection menu, offering English, Spanish, French, Russian, German, and Dutch.

COMPATIBILITY

The WYYHAA OBD2 Car Diagnostic Scanner is compatible with most vehicles manufactured from 1996 onwards that comply with OBDII and EOBD standards. It supports the five major protocols:

- CAN (Controller Area Network)
- J1850 PWM
- J1850 VPW
- ISO9141
- KWP2000

It is designed to work with 12V gasoline and diesel cars.

SETUP AND CONNECTION

To begin using your WYYHAA OBD2 Car Diagnostic Scanner, follow these steps:

1. **Locate the OBD-II Port:** The OBD-II 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 Scanner:** Plug the diagnostic cable connector from the scanner into the vehicle's OBD-II port. Ensure a secure connection.
3. **Power On:** The scanner will usually power on automatically once connected to the vehicle's OBD-II port. If not, press the Power button on the device.
4. **Vehicle Ignition:** Turn the vehicle's ignition to the "ON" position (do not start the engine unless instructed by a specific diagnostic procedure).



Detailed view of the scanner's high-quality diagnostic cable connector and USB port for updates, along with its soft silicone navigation buttons.

OPERATING INSTRUCTIONS

The scanner's interface is designed for ease of use. Navigate through menus using the directional buttons and confirm

selections with the ENTER button.



Diagram illustrating the scanner's button layout (ESC, ENTER, Up, Down, Left, Right, Help, Power) and the meaning of the Green, Yellow, and Red LED indicators for system status.

Navigation and Controls:

- **ESC Button:** Exits the current menu or function.
- **ENTER Button:** Confirms a selection or enters a submenu.
- **UP/DOWN Scroll Buttons:** Navigates through menu options or data lists.
- **LEFT/RIGHT Scroll Buttons:** Used for specific data navigation or parameter changes.
- **Help Button (?):** Provides context-sensitive help or information.
- **Power Button:** Turns the device on or off.

Diagnostic Procedures:

1. **Read Codes:** From the main menu, select "Read Codes" to retrieve Diagnostic Trouble Codes (DTCs) stored in the vehicle's computer. The scanner will display the codes and their definitions.

2. **Erase Codes:** After addressing the underlying issue, select "Erase Codes" to clear the DTCs and turn off the Check Engine Light (MIL). Confirm the action when prompted.
3. **Live Data:** Choose "Live Data" to view real-time sensor data from the vehicle. This can help in diagnosing intermittent issues or verifying sensor operation.
4. **View Freeze Frame:** Select "View Freeze Frame" to see the vehicle's operating conditions (e.g., engine RPM, vehicle speed, coolant temperature) at the moment a fault code was set.
5. **O2 Monitor Test:** Access "O2 Monitor Test" to view the results of oxygen sensor monitoring tests.
6. **I/M Readiness:** Check "I/M Readiness" to determine if the vehicle's emission monitors have completed their self-tests. This is often required for emissions inspections.
7. **Battery Check:** Select "BAT Check" from the menu to perform a 12V battery voltage test. The display will show the current voltage and engine status (ON/OFF).



Engine shut off solenoid?



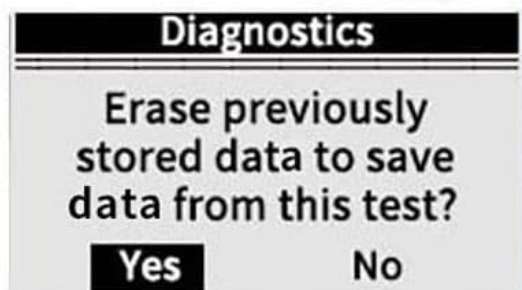
Injector circuit open?



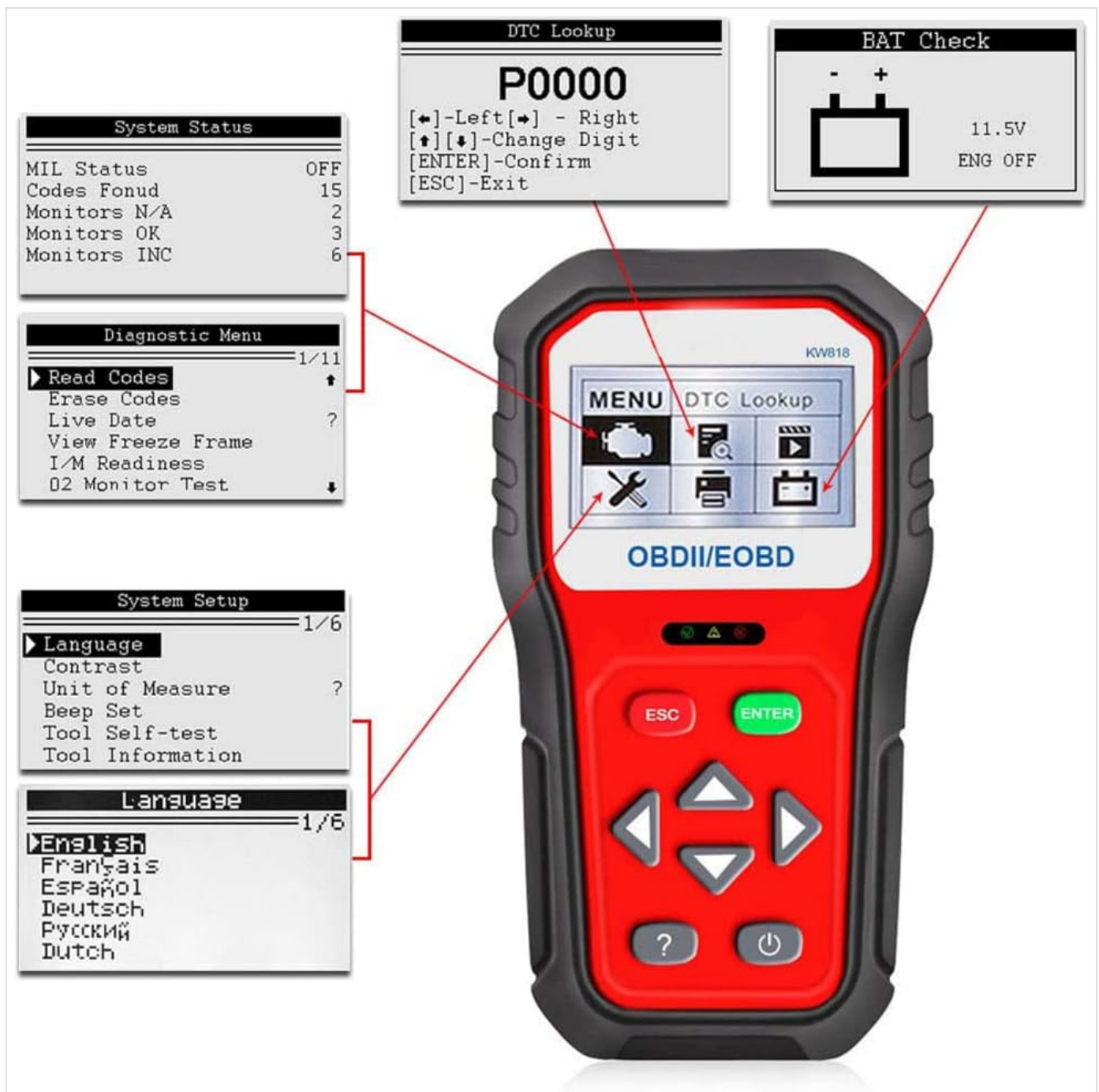
Intake air temperature too high?



Accurately identify car problem,
avoiding bling maintenance



The scanner's display showing a battery check result (10.5V, ENG ON) and a prompt to erase previously stored data, indicating its diagnostic capabilities.



An overview of the scanner's menu structure, including System Status, Diagnostic Menu (Read Codes, Erase Codes, Live Data, View Freeze Frame, I/M Readiness, O2 Monitor Test), System Setup (Language, Contrast, Unit of Measure, Beep Set, Tool Self-test, Tool Information), and DTC Lookup functionality.

MAINTENANCE

Software Upgrade:

The WYYHAA OBD2 Car Diagnostic Scanner supports lifetime free software upgrades via the internet. To upgrade the software:

1. **Download Software:** Visit the official WYYHAA website to download the latest upgrade tool and firmware.
2. **Connect to PC:** Connect the scanner to your computer using the provided USB cable.
3. **Run Upgrade Tool:** Launch the downloaded upgrade tool on your PC and follow the on-screen instructions to update the scanner's firmware.

This process also allows for printing diagnostic reports via PC.

life-time Free print and Upgrade

Print & Upgrade: Upgraded version , One click to free upgrade software, DTC lookup library and print out diagnostic report connected with pc



Illustration of the scanner connected to a laptop for software upgrades and printing diagnostic reports, emphasizing the lifetime free upgrade and print feature.

Cleaning:

To maintain the scanner's condition, wipe the device with a soft, damp cloth. Avoid using abrasive cleaners or solvents.

TROUBLESHOOTING

If you encounter issues while using the WYHAA OBD2 Car Diagnostic Scanner, consider the following common solutions:

- **No Power:** Ensure the diagnostic cable is securely connected to the vehicle's OBD-II port and the vehicle's ignition is in the "ON" position. Check the vehicle's fuse for the OBD-II port if the issue persists.
- **Link Error:** If the scanner displays a "Link Error" message, verify that the cable is properly connected. Ensure the vehicle is OBDII compliant and that the ignition is on. Try connecting to a different OBDII compliant vehicle to rule out a scanner issue.
- **Cannot Erase Codes:** Codes cannot be erased if the underlying fault is still present. Address the vehicle's issue first, then attempt to clear the codes. Some codes may be "hard codes" that require multiple drive cycles to clear after repair.
- **Screen Freezes:** If the scanner screen freezes, disconnect the device from the vehicle and reconnect it. If the

problem persists, perform a software upgrade.

- **Incorrect Data Display:** Ensure the correct unit of measure is selected in the system settings (e.g., Celsius/Fahrenheit, Metric/Imperial).

SPECIFICATIONS

Attribute	Detail
Brand Name	WYYHAA
Model Number	9151414-045-815
Color	A
Number of Items	1
Power Source	Battery Powered (via OBD-II port)
Supported Protocols	CAN, J1850 PWM, J1850 VPW, ISO9141, KWP2000
Display	Large easy-to-read backlit LCD screen (TFT color display)
Languages Supported	English, French, German, Dutch, Spanish, Russian

ACCESSORIES INCLUDED

The following accessories are included with your WYYHAA OBD2 Car Diagnostic Scanner:

- User's Manual
- USB cable (for software upgrades and data printing)

WARRANTY AND SUPPORT

While specific warranty details are not provided, WYYHAA offers lifetime free software upgrades for this device, ensuring it remains up-to-date with the latest vehicle protocols and features. For technical support or inquiries, please refer to the contact information provided in the included User's Manual or visit the official WYYHAA website. Protection plans are available for purchase separately to extend coverage for your device. Please refer to the product listing or contact your retailer for details on available protection plans.

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/B08RC18LMF>

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