



Manuals.plus /

- › Wokyo /
- › V317 OBD2 Scanner Diagnostic Tool User Manual

## Wokyo V317

# V317 OBD2 Scanner Diagnostic Tool User Manual

Model: V317 | Brand: Wokyo

## 1. PRODUCT OVERVIEW

---

The Wokyo V317 OBD2 Scanner Diagnostic Tool is designed to provide comprehensive diagnostic capabilities for a wide range of vehicles. It allows users to read and clear engine fault codes, view live data, check I/M readiness, and perform various other diagnostic tests to ensure vehicle health and compliance.



Figure 1: The Wokyo V317 OBD2 Scanner Diagnostic Tool, showing its compact design and integrated cable with the OBD2 connector.

## 2. KEY FEATURES

---

- **Multi-functional Diagnostic Capabilities:** Supports full OBD/EOBD functions, including reading and clearing over 10,000 error codes, viewing freeze frames, I/M readiness status, historical I/M data, vehicle speed, battery voltage, engine coolant temperature, and more.
- **Wide Vehicle Compatibility:** Compatible with all U.S. vehicles manufactured from 1996 onwards, European vehicles from 2002 onwards, and Asian vehicles from 2008 onwards.
- **Multi-language Support:** Operates in 8 languages: English, German, Dutch, Spanish, French, Italian, Chinese, and Russian.
- **Plug & Play Operation:** Directly powered by the vehicle's OBD2 port, eliminating the need for external batteries or app installations. Features an intuitive built-in display for direct operation.
- **User-Friendly Design:** Equipped with a high-definition LCD display for clear data presentation and three indicator lights for quick status checks. Its compact and lightweight design ensures easy handling and storage.
- **Reliable Data Connection:** Utilizes a data cable connection for more accurate, faster, and stable data transmission compared to wireless alternatives.

# Features”










 Car diagnosis	 Engine fault clearing	 Car data stream
 Oxygen sensor test	 Battery voltage reading	 Eight languages
 Vehicle Information	 Higher support rate	 New color screen

Figure 2: Visual representation of the V317's key features, including car diagnosis, engine fault clearing, car data stream, oxygen sensor test, battery voltage reading, multi-language support, vehicle information, higher support rate, and new color screen.

### 3. WHAT'S IN THE BOX

---

- 1 x Wokyo V317 OBD2 Scanner Code Reader
- 1 x Instruction Manual



Figure 3: Contents of the V317 package, including the scanner unit and the user manual.

## 4. SETUP GUIDE

---

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 locate it.
2. **Connect the Scanner:** Plug the V317 scanner's OBD2 connector firmly into the vehicle's OBD2 port. Ensure a secure connection.
3. **Power On:** Once connected, the scanner will automatically power on, drawing power directly from the vehicle's battery. The display will illuminate, and the device will be ready for use.

# V317

## Automobile fault diagnostic instrument

*Quick diagnosis to eliminate hidden dangers*



Figure 4: Diagram illustrating the connection point of the OBD plug to the vehicle's OBD connector and the main components of the V317 scanner, including the 8-color display and control buttons.



Figure 5: Close-up view of the V317's OBD2 connector, which plugs into the vehicle's diagnostic port.

## 5. OPERATING INSTRUCTIONS

---

Navigate the scanner's menu using the **OK**, **ESC**, and arrow (**↑**, **↓**) buttons. The main menu provides access to various diagnostic functions.

### 5.1. Indicator Lights

**Green Light:** Indicates successful protocol detection and normal operation.

**Yellow Light:** Indicates that the vehicle has a detected fault.

**Red Light:** Indicates the product is normally energized (power is on).



Figure 6: The V317 scanner displaying its indicator lights, which provide quick visual feedback on the device and vehicle status.

## 5.2. Main Menu Functions

### OBD/EOBD (Read DTC & Clear DTC):

This function allows you to read Diagnostic Trouble Codes (DTCs) from the vehicle's engine control unit (ECU) and clear them. Clearing DTCs will turn off the Check Engine Light (MIL).



# Packing list

1\*Packing box

1\* Main unit

1\*Manual



Figure 7: The OBD/EODB menu option, which includes functions for reading and clearing DTCs.

## Data Stream:

View real-time live data parameters from the vehicle's sensors and components. This includes values like engine RPM, vehicle speed, coolant temperature, fuel system status, and more.

Data Stream	Value
FUELSYS2	CL
LOAD_PCT(%)	59.6
ETQ(S)	40
SHRTFT1(%)	11.6
LONGFT1(%)	-46.4
SHRTFT2(%)	-43.0

# Packing list

1\*Packing box

1\* Main unit

1\*Manual



Figure 8: The Data Stream menu option, allowing access to live vehicle data.

## DTC Lib (DTC Lookup):

Provides definitions for Diagnostic Trouble Codes. Enter a DTC to get a detailed explanation of the code.



# Packing list

1\*Packing box

1\* Main unit

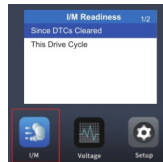
1\*Manual



Figure 9: The DTC Lib menu option, used for looking up definitions of diagnostic trouble codes.

## I/M Readiness:

Checks the readiness of the emission-related monitoring systems. This is crucial for passing emissions tests.



# Packing list

1\*Packing box

1\* Main unit

1\*Manual



Figure 10: The I/M Readiness menu option, used to check the status of emission monitoring systems.

## Voltage:

Displays the current battery voltage of the vehicle.



# Packing list

1\*Packing box

1\* Main unit

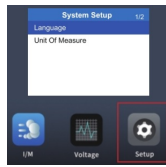
1\*Manual



Figure 11: The Voltage menu option, displaying the vehicle's battery voltage.

## Setup:

Access system settings such as language selection and unit of measure.



# Packing list

- 1\*Packing box
- 1\* Main unit
- 1\*Manual



Figure 12: The Setup menu option, where users can configure language and units.

## More testing items”

Diagnosis clear Data flow Battery voltage

Trouble Codes 2/6	
P0082	Intake Valve Control Solenoid Circuit Low Bank 2

Data Stream 1/13	
FUELSYS2	CL
LOAD_PCT(%)	86.7
ETC(°C)	125
SHRTFT1(%)	31.3
LONGFT1(%)	7.0
SHRTFT2(%)	50.0

氧传感器测试 1/2	
氧B4传感器2 (V)	0.980
OBD模式	OBDII
O2SLOC	S1B1234
动力输出状态	Act
EQ_RATB2SI	1.513

View Freeze Frame 1/2	
DTCFRZF	P0021
LOAD_PCT(%)	86.7
ETC(°C)	125
MAP (kPa)	165
RPM(min)	2054



Figure 13: Examples of detailed diagnostic information available, including Trouble Codes, Data Stream values, View Freeze Frame data, Voltage readings, and Vehicle ID Number (VIN).

## 6. MAINTENANCE

---

- **Cleaning:** Use a soft, dry cloth to clean the scanner's display and casing. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures. Keep the OBD2 connector free from dust and debris.
- **Cable Care:** Do not bend or crimp the diagnostic cable excessively. Always unplug the cable by grasping the connector, not the cable itself.

## 7. TROUBLESHOOTING

---

If you encounter issues with your V317 scanner, refer to the following common troubleshooting steps:

- **No Power/Display Not On:**
  - Ensure the OBD2 connector is fully seated in the vehicle's port.
  - Check the vehicle's ignition status; some vehicles require the ignition to be in the ON position (engine off) for the OBD2 port to be active.
  - Verify the vehicle's battery voltage.
- **"Link Error" or "Communication Error":**
  - Confirm the vehicle supports the OBD2 protocol (most vehicles after 1996 do).

- Check for a loose connection at the OBD2 port.
- Turn off the ignition, wait 10 seconds, then turn it back on and try again.
- Ensure the vehicle's ECU is not damaged or in a fault state preventing communication.

- **Incorrect Readings:**

- Ensure the scanner's software is up to date (if applicable, though this model is plug-and-play).
- Verify the vehicle's sensors are functioning correctly.

## 8. SPECIFICATIONS

---

<b>Brand</b>	Wokyo
<b>Model</b>	V317
<b>Item Weight</b>	9.6 ounces
<b>Product Dimensions</b>	6.6 x 3.5 x 0.9 inches
<b>Display Resolution</b>	128x64
<b>Operating System</b>	Android 4.0 (Note: This refers to the internal system, not requiring an Android phone)
<b>Supported Protocols</b>	OBD2/EOBD (ISO9141, KWP2000, J1850 PWM, J1850 VPW, CAN)
<b>Supported Languages</b>	English, German, Dutch, Spanish, French, Italian, Chinese, Russian

## 9. WARRANTY AND SUPPORT

---

Wokyo is committed to providing high-quality products and customer satisfaction. For warranty information, technical support, or any inquiries regarding your V317 OBD2 scanner, please refer to the contact information provided in the packaging or visit the official Wokyo website.

We believe that good service is as important as the product itself.