

Performance Tool W2976

Performance Tool W2976 Universal Multilingual CAN OBDII Scanner Tool

Model: W2976

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Performance Tool W2976 Universal Multilingual CAN OBDII Scanner Tool. This device is designed to diagnose and clear engine trouble codes, check emission readiness status, and provide essential vehicle information for most 1996 and newer American, European, and Asian vehicles.



Figure 1: Performance Tool W2976 Universal Multilingual CAN OBDII Scanner Tool.

WHAT'S IN THE BOX

- OBDII Multilingual Scan Tool

PT[®]
Performance Tool

W2976



MULTILINGUAL DIAGNOSTIC SCANNER

CAN OBDII

PLURILINGÜE ESCANER DE DIAGNÓSTICO

- Supports four languages: English, Spanish, German and French



DIAGNOSTIC



OBDII/EOBD

PT[®]
Performance Tool

ENTER
/Exit

SCROLL
⏏

CE FC



TYL...ITY

Figure 2: The W2976 scanner tool as packaged for retail.

KEY FEATURES

- Supports five languages: English, Spanish, German, French, and Dutch.
- Works with most 1996 and later American, European, and Asian cars.
- Reads and displays Diagnostic Trouble Codes (DTCs) on an easy-to-read screen.
- Displays vehicle's emission readiness status of OBD Monitors.
- Supports all OBD2 protocols, including the newer CAN (Controller Area Network).
- Stand-alone unit, no additional laptop computer required for operation.
- No batteries needed; powered directly from the vehicle's OBDII port.
- Turns off check engine light (MIL), erases DTCs, and resets the OBD2 system.



Figure 3: Diagram highlighting key features such as user-friendliness, OBDII connection, LCD display, and diagnostic capabilities.

SETUP

1. **Locate the OBDII Port:** The OBDII 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:** With the vehicle's ignition turned OFF, firmly plug the scanner's OBDII connector into the vehicle's OBDII port.
3. **Power On:** Turn the vehicle's ignition to the "ON" position without starting the engine. The scanner will automatically power on and display the main menu.



Figure 4: The W2976 scanner connected to a vehicle's OBDII port, ready for operation.

OPERATING INSTRUCTIONS

Reading Diagnostic Trouble Codes (DTCs)

1. Ensure the scanner is properly connected and powered on.
2. From the main menu, use the "SCROLL" button to navigate to "Read Codes" and press "ENTER/Exit".
3. The scanner will begin scanning for codes. Once complete, it will display any detected DTCs.
4. Use the "SCROLL" button to view multiple codes if present. Each code will typically be accompanied by a brief description.
5. To understand the full meaning of a DTC, refer to a comprehensive OBDII code database or the included manual's code definitions.



Figure 5: The scanner's display showing a diagnostic menu and an example trouble code (P2181).

Erasing Diagnostic Trouble Codes (DTCs)

1. After diagnosing and resolving the issue causing the DTC, you can clear the codes.
2. From the main menu, use the "SCROLL" button to navigate to "Erase Codes" and press "ENTER/Exit".
3. The scanner will prompt for confirmation. Select "YES" and press "ENTER/Exit" to clear the codes.
4. This action will turn off the Check Engine Light (MIL) and reset the OBD2 system.

Viewing I/M Readiness Status

The I/M (Inspection/Maintenance) Readiness function indicates if the various emissions-related systems on the vehicle are operating correctly and have completed their self-tests. This is crucial for emission testing.

1. From the main menu, use the "SCROLL" button to navigate to "I/M Readiness" and press "ENTER/Exit".
2. The display will show the status of various monitors (e.g., Misfire Monitor, Fuel System Monitor, Catalyst Monitor). "OK" indicates the test is complete, "INC" indicates incomplete, and "N/A" indicates not applicable.

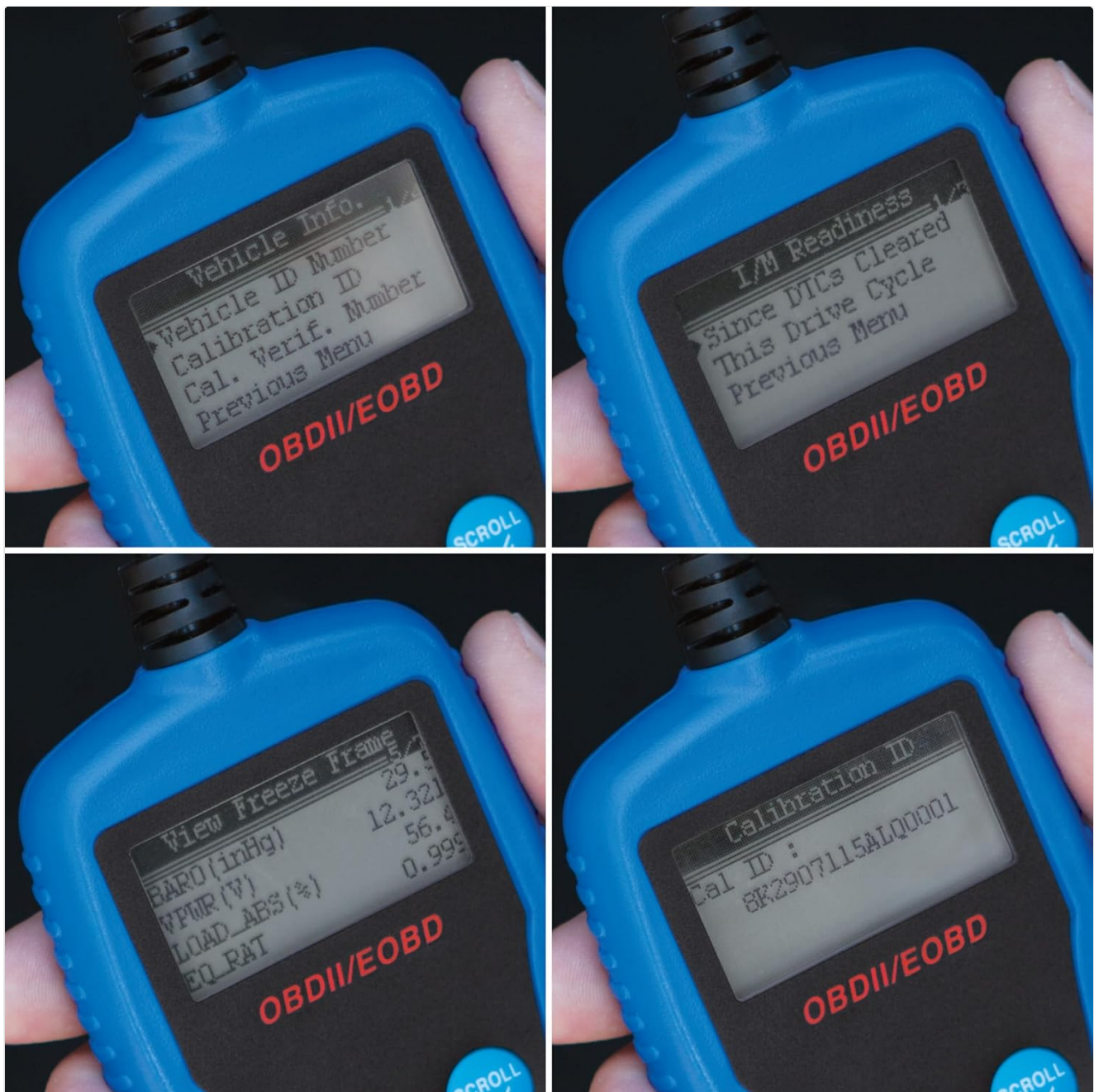


Figure 6: The scanner's display showing I/M Readiness status and other vehicle information screens.

Official Product Video: W2976 OBDII Diagnostic Scan Tool for Check Engine Lights

Your browser does not support the video tag.

Video 1: This video demonstrates the basic functions of the W2976 OBDII Diagnostic Scan Tool, including how to connect it to a vehicle and read check engine lights.

MAINTENANCE

- **Cleaning:** Wipe the tool with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Cable Care:** Avoid bending or crimping the OBDII cable excessively to prevent internal wire damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not power on.	Loose connection to OBDII port; vehicle ignition not in "ON" position; vehicle battery low.	Ensure the connector is firmly seated. Turn ignition to "ON". Check vehicle battery voltage.
"LINKING ERROR" message.	Communication failure with vehicle's ECU; incorrect protocol.	Verify connection. Ensure vehicle supports OBDII. Try on a different compatible vehicle if possible.
Cannot clear codes.	Underlying issue not resolved; ignition not in "ON" position.	Address the root cause of the DTC first. Ensure ignition is "ON" (engine off).

SPECIFICATIONS

- **Model:** W2976
- **Brand:** Performance Tool
- **Operating System Compatibility:** Windows XP (for potential software updates, though unit is stand-alone)
- **Automotive Fit Type:** Universal Fit
- **Item Weight:** 6.4 ounces
- **Product Dimensions:** 10 x 2 x 8 inches
- **Country of Origin:** USA
- **Supported Protocols:** All OBD2 protocols, including CAN
- **Languages Supported:** English, Spanish, German, French, Dutch

WARRANTY AND SUPPORT

Performance Tool products are manufactured to meet high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship. For specific warranty details, technical support, or service inquiries, please contact Performance Tool customer service. Keep your purchase receipt as proof of purchase.

Contact Information: Refer to the official Performance Tool website or the packaging for the most current contact details.