

64981

Instruction Manual for CEN-TECH OBD II Code Reader

Model: 64981 | Brand: Generic

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your CEN-TECH OBD II Code Reader. This device is designed to assist in diagnosing vehicle engine problems by reading and clearing trouble codes, checking the engine light, and accessing various vehicle data. It supports all OBD II protocols and the Controller Area Network (CAN) protocol, compatible with all OBDII compliant vehicles from 1996 and newer.

Key features include:

- Read and clear trouble codes in all OBDII compliant vehicles from 1996 and newer.
- Supports all OBD II protocols and the Controller Area Network (CAN) protocol.
- Multilingual menu (English, French, Spanish).
- Resets Check Engine light.
- Reads Power Control Module and Transmission Control Module data.
- Views freeze frame data.
- Reads O2 sensor data.
- Easy-to-read backlit LCD display.

WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present:

- Fits CEN-TECH OBD II Code Reader
- OBD II Connector and Cable
- User Manual

SETUP

Before using the OBD II Code Reader, ensure your vehicle's ignition is off. The device is battery-powered and also draws power from the vehicle's OBD II port once connected.

1. **Locate the OBD II Port:** The OBD II port is typically located under the dashboard on the driver's side, though its exact position may vary by vehicle model. Refer to your vehicle's owner's manual if you cannot locate it.
2. **Connect the Reader:** Firmly plug the OBD II connector cable from the code reader into the vehicle's OBD II port. Ensure a secure connection.

3. **Turn on Ignition:** Turn the vehicle's ignition to the "ON" position (do not start the engine). The code reader should power on automatically.
4. **Initial Boot-up:** The device will perform a system check and display the main menu on its backlit LCD screen.



Image: A mechanic demonstrates the GEN-TECH OBD II Code Reader. The device is blue with a yellow backlit LCD screen, showing "T0300N". The mechanic is giving a thumbs-up, indicating ease of use. The image illustrates the compact size and user-friendly design of the reader.

OPERATING INSTRUCTIONS

The GEN-TECH OBD II Code Reader features an intuitive menu system navigated using the "Enter/Exit" and "Scroll" buttons.

Reading Diagnostic Trouble Codes (DTCs)

1. From the main menu, select "Read Codes" using the "Scroll" button and press "Enter".
2. The reader will communicate with the vehicle's onboard computer and display any stored DTCs. Each code will be accompanied by a brief description.

3. Use the "Scroll" button to view additional codes or detailed descriptions if available.

Clearing Diagnostic Trouble Codes (DTCs) and Resetting Check Engine Light

Warning: Clearing DTCs will erase all diagnostic data from the vehicle's computer. Ensure you have recorded all necessary information before proceeding. Clearing codes does not fix the underlying problem.

1. From the main menu, select "Clear Codes" and press "Enter".
2. Confirm your selection when prompted. The Check Engine Light (MIL) will turn off, and all diagnostic data will be reset.

Viewing Freeze Frame Data

Freeze Frame Data records the vehicle's operating conditions at the moment a DTC was set. This can be useful for diagnosing intermittent problems.

- Select "Freeze Frame" from the main menu and press "Enter".
- The reader will display various parameters such as engine RPM, vehicle speed, coolant temperature, and fuel system status at the time of the fault.

Reading O2 Sensor Data

Oxygen sensor data provides insights into the vehicle's fuel mixture and emissions system performance.

- Select "O2 Sensor Test" from the main menu and press "Enter".
- The reader will display real-time O2 sensor readings.

Multilingual Menu

The device supports English, French, and Spanish. To change the language:

- Navigate to "System Setup" or "Language" in the main menu.
- Select your preferred language and confirm.

MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your OBD II Code Reader.

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the reader in a cool, dry place away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case when not in use.
- **Cable Care:** Avoid bending or crimping the OBD II cable excessively. Always grasp the connector when plugging or unplugging, not the cable itself.
- **Battery:** The device is primarily powered by the vehicle's OBD II port. If it contains an internal battery for memory retention or standalone operation (not specified, but common for "Battery Powered" devices), ensure it is charged or replaced as per manufacturer guidelines if performance degrades.

TROUBLESHOOTING

If you encounter issues with your OBD II Code Reader, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Reader does not power on.	Loose connection to OBD II port; Vehicle ignition not on; Vehicle's OBD II port fuse blown.	Ensure cable is securely connected. Turn vehicle ignition to "ON" position. Check vehicle's fuse box for a blown fuse related to the OBD II port.
"Link Error" or "Communication Error" message.	Vehicle not OBD II compliant; Incorrect protocol detected; Faulty connection.	Verify vehicle is 1996 or newer and OBD II compliant. Re-connect the cable firmly. Try on another OBD II compliant vehicle if possible to rule out device fault.
Cannot clear codes.	Vehicle ignition not in "ON" position; Underlying vehicle fault still present.	Ensure ignition is "ON" (engine off). Codes cannot be cleared if the underlying issue causing the code is still active. Repair the fault first.
Display is dim or unreadable.	Low power; Screen damage.	Ensure proper connection to vehicle for power. If screen is physically damaged, contact support.

SPECIFICATIONS

Technical specifications for the CEN-TECH OBD II Code Reader:

Model	Fits CEN-TECH OBD II Code Reader
Item Model Number	64981
Brand	Generic
Manufacturer	HFT
Item Weight	1.6 ounces
Power Source	Battery Powered
Operating System	Android 4.0 (<i>Note: This likely refers to an internal system, not user-facing OS</i>)
Automotive Fit Type	Universal Fit

WARRANTY AND SUPPORT

Warranty information for this product is typically provided by the manufacturer or the seller at the time of purchase. Please refer to the product packaging, any included warranty cards, or the seller's website for specific warranty terms and conditions.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding repairs, please contact the seller or the manufacturer directly using the contact information provided with your purchase or on their official website.