AUTOPHIX OM126

AUTOPHIX OM126 OBD2 Scanner Instruction Manual

Vehicle Engine Fault Code Reader and Diagnostic Scan Tool

1. INTRODUCTION

The AUTOPHIX OM126 is a versatile On-Board Diagnostics II (OBD2) scanner designed to help vehicle owners and technicians diagnose engine-related issues. This tool allows you to read and clear Diagnostic Trouble Codes (DTCs), view live data, and check I/M readiness status, providing essential information for maintaining your vehicle's performance and emissions compliance. This manual provides detailed instructions for the proper use and maintenance of your OM126 scanner.

2. SAFETY INFORMATION

Always observe safety precautions when working on a vehicle. Improper use of diagnostic tools can lead to personal injury or damage to the vehicle. Read and follow all instructions carefully.

- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Turn off the ignition before connecting or disconnecting the scanner.
- Wear appropriate personal protective equipment, such as safety glasses.
- Avoid contact with hot engine components or moving parts.
- Do not operate the scanner while driving.
- Keep the scanner away from water, oil, and extreme temperatures.

3. PRODUCT OVERVIEW

The AUTOPHIX OM126 is a compact and user-friendly diagnostic tool. It features a clear display and intuitive buttons for easy navigation through its functions.

Figure 3.1: Front view of the AUTOPHIX OM126 OBD2 Scanner, showing the display screen and control buttons.

Key Features:

- Reads and clears generic and manufacturer-specific Diagnostic Trouble Codes (DTCs).
- Turns off Check Engine Light (MIL).
- Displays I/M readiness status.
- Retrieves vehicle information (VIN, CIN, CVN).
- Supports multiple languages.
- Plug-and-play operation.

4. SETUP

4.1 Initial Software Update (Recommended)

Before first use, it is recommended to update the scanner's software to ensure compatibility with the latest vehicle models and diagnostic protocols. Visit the official AUTOPHIX website to download the update tool and follow the provided instructions. This typically involves connecting the scanner to a computer via a USB cable.

4.2 Connecting to the Vehicle

1. Locate the vehicle's 16-pin Data Link Connector (DLC). This port is usually found under the dashboard on

the driver's side. Refer to your vehicle's owner's manual for the exact location.

2. Ensure the vehicle's ignition is in the OFF position.

3. Plug the OM126 scanner's OBD2 cable into the vehicle's DLC. Ensure a firm connection.

4. Turn the vehicle's ignition to the ON position (engine off). The scanner will automatically power on and establish communication with the vehicle's onboard computer.

5. OPERATING INSTRUCTIONS

5.1 Menu Navigation

Use the UP/DOWN arrow buttons to scroll through menu options. Press the ENTER button to select an option or confirm an action. The ESC/BACK button is used to return to the previous screen or cancel an operation.

5.2 Reading Diagnostic Trouble Codes (DTCs)

1. From the main menu, select "Read Codes" and press ENTER.

2. The scanner will communicate with the vehicle and display any stored DTCs. Each code will typically include a numerical identifier and a brief description.

3. Use the UP/DOWN buttons to scroll through multiple codes if present.

5.3 Clearing Diagnostic Trouble Codes (DTCs)

Clearing DTCs will turn off the Check Engine Light (MIL) and erase all diagnostic data. Only clear codes after addressing the underlying issue, as they will reappear if the fault persists.

1. From the main menu, select "Erase Codes" and press ENTER.

2. A confirmation message will appear. Select "Yes" and press ENTER to proceed.

3. The scanner will confirm that the codes have been cleared.

5.4 I/M Readiness Status

The I/M Readiness function checks if the various emissions-related systems on the vehicle are operating correctly and have completed their self-tests. This is useful for emissions inspections.

1. From the main menu, select "I/M Readiness" and press ENTER.

2. The display will show the status of various monitors (e.g., O2 Sensor, Catalyst, EVAP System) as either "OK" (complete) or "INC" (incomplete).

5.5 Viewing Vehicle Information

This function allows you to retrieve the Vehicle Identification Number (VIN), Calibration ID (CIN), and Calibration Verification Number (CVN).

1. From the main menu, select "Vehicle Info" and press ENTER.

2. The scanner will display the available vehicle information.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the scanner's casing and screen. Do not use abrasive cleaners or solvents.

- **Storage:** Store the scanner in a clean, dry environment, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case when not in use.

- **Software Updates:** Periodically check the AUTOPHIX official website for software updates to ensure optimal performance and compatibility.

7. TROUBLESHOOTING

If you encounter issues while using the AUTOPHIX OM126, refer to the following common troubleshooting steps:

- **Scanner does not power on:**
  - Ensure the OBD2 cable is securely connected to the vehicle's DLC.
  - Verify the vehicle's ignition is in the ON position (engine off).
  - Check the vehicle's fuse for the OBD2 port (consult your vehicle's manual).

- **Communication error with vehicle:**
  - Confirm the vehicle supports the OBD2 protocol (most vehicles manufactured after 1996 in the US, 2001 in EU gasoline, 2004 in EU diesel).
  - Ensure the ignition is ON and the engine is OFF.
  - Try connecting the scanner to a different OBD2-compliant vehicle to rule out scanner malfunction.
  - Check for any loose connections in the OBD2 cable.

- **Codes cannot be cleared:**
  - Ensure the ignition is ON and the engine is OFF.
  - If the underlying fault is still present, codes will not clear or will reappear immediately. Address the vehicle's issue first.

- **Screen is blank after update:**
  - This can sometimes occur during the update process. Ensure the update process is completed fully as per the instructions on the AUTOPHIX website.
  - Disconnect and reconnect the device.

8. SPECIFICATIONS

Feature	Specification
Model	OM126
Item Weight	11.2 ounces
Product Dimensions	9 x 5 x 2.6 inches
Voltage	12 Volts
Screen Size	2.4 Inches
Operating System	Windows 7 (for update software)
Power Source	Battery Powered (via vehicle OBD2 port)