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## AUTOPHIX OM126P+

# AUTOPHIX OM126P+ OBD2 Scanner Instruction Manual

Model: OM126P+ | Brand: AUTOPHIX

## 1. INTRODUCTION AND OVERVIEW

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The AUTOPHIX OM126P+ OBD2 Scanner is a versatile diagnostic tool designed to help vehicle owners and mechanics identify and resolve automotive issues efficiently. This plug-and-play device provides comprehensive diagnostic functions, including reading and clearing fault codes, performing I/M readiness tests for emissions, monitoring live data streams, and offering DTC lookups.

It is compatible with 99% of US cars built after 1996, EU models made since 2002, and Asian vehicles produced from 2008 onwards, covering a wide range of light trucks, SUVs, minivans, and hybrids.

# WHY OM126P?



Check engine issues



Clear the code after repair it



Help for smog test ready



Provides DTC interpretation

**NO**   
Subscription Fees

**5 Years**   
Warranty

**Lifetime**   
Free Update

Figure 1: Key features of the AUTOPHIX OM126P+ scanner, highlighting its ability to check engine issues, clear codes, assist with smog tests, and provide DTC interpretation.

Video 1: An overview of the AUTOPHIX OM126P+ diagnostic tool, explaining its essential functions and benefits for vehicle maintenance.

## 2. SETUP AND CONNECTION

The AUTOPHIX OM126P+ is designed for simple plug-and-play operation. Follow these steps to connect the scanner to your vehicle:

1. **Locate the OBD2 Port:** The 16-pin OBD2 port is typically located under the dashboard on the driver's side of your vehicle. Refer to your vehicle's owner's manual if you cannot find it.
2. **Connect the Scanner:** Plug the scanner's OBD2 connector firmly into your vehicle's OBD2 port.
3. **Turn on Ignition:** Turn your vehicle's ignition key to the 'ON' position. You do not need to start the engine. The scanner will automatically power on and establish communication with the vehicle's onboard computer.

# HOW TO USE IT ?



## Connect to the car

Plug in the OBD2 16pin port of the car.

## Turn on the ignition

Turn on the ignition, do not start the engine.



## Start to diagnosis

Click Diagnose and follow the instructions.

### Note:

Plug and play, no battery required. The USB cable is used for connecting computer to update.

Figure 2: Visual guide demonstrating how to connect the OM126P+ scanner to the vehicle's OBD2 port and turn on the ignition for diagnosis.

Video 2: A detailed step-by-step video guide on how to use the AUTOPHIX OM126P+ scanner, including connection and basic operations.

## 3. OPERATING INSTRUCTIONS

### 3.1. Reading and Clearing Fault Codes

The primary function of the OM126P+ is to read and clear Diagnostic Trouble Codes (DTCs) that trigger the Check Engine Light (CEL).

- **Read DTC:** From the main menu, select 'OBDII' and then 'Read Codes'. The scanner will display any active or pending fault codes.
- **Erase DTC:** After addressing the underlying issue that caused the fault code, select 'OBDII' and then 'Erase Codes'. Confirm your selection to turn off the Check Engine Light. Ensure the ignition is ON and the engine is OFF when clearing codes.



Figure 3: Process for reading and erasing check engine light fault codes using the OM126P+ scanner.

### 3.2. I/M Readiness Test

Use the I/M Readiness function to check if your vehicle's emission systems are ready for an annual inspection or smog test.

- **One-Click I/M Readiness:** Press the dedicated 'I/M' hotkey on the scanner. The device will quickly assess the status of various emission-related monitors.
- **Status Indicators:** Green indicates the system is ready, Yellow flags a potential issue, and 'X' means not ready. This helps you avoid failing emissions tests.

# ONE-CLICK EMISSION TEST



Car Daily  
Maintenance



Before the Annual  
Vehicle Inspection



Means Not Available



Means Not Ready



Means Ready



Once the × turned to ✓, it means the car is ready for Annual Inspection.

Figure 4: The I/M Readiness screen showing the status of various emission monitors for a quick smog check.

### 3.3. Live Data Stream

Monitor real-time vehicle sensor data to gain insights into your vehicle's performance and identify potential issues.

- **Access Live Data:** From the 'OBDII' menu, select 'Data Stream'.
- **View Parameters:** Scroll through various parameters such as MAF, RPM, coolant temperature, fuel system status, and more. Data can be displayed in text or graph format.

# LIVE DATA STREAM



Figure 5: Real-time data stream display, showing various engine parameters in both text and graphical formats.

## 3.4. DTC Lookup

Quickly understand the meaning of Diagnostic Trouble Codes without needing to search online.

- **Enter Code:** Select 'DTC Lookup' from the main menu and input the specific fault code.
- **View Definition:** The scanner will provide a clear, plain-English explanation of the code, helping you understand the issue.

# ONE CLICK DTC LOOKUP



Figure 6: The DTC Lookup feature providing definitions for fault codes directly on the scanner screen.

## 4. MAINTENANCE

### 4.1. Software Updates

Keep your AUTOPHIX OM126P+ scanner up-to-date with the latest vehicle data and software enhancements through free lifetime updates.

- **Download Software:** Visit the official AUTOPHIX website and navigate to the support/download page. Select the OM126P+ model and download the upgrade tool.
- **Connect to Computer:** Connect the scanner to your computer using the provided USB cable.
- **Run Update:** Open the upgrade tool on your computer and follow the on-screen instructions to complete the update. The device supports Windows 7/8/10/11.



Figure 7: Illustration of the software update process for the AUTOPHIX OM126P+ scanner.

## 5. TROUBLESHOOTING

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If you encounter issues while using your AUTOPHIX OM126P+ scanner, consider the following common troubleshooting steps:

- **No Communication with Vehicle:**

- Ensure the ignition is in the 'ON' position (engine off).
- Verify the OBD2 connector is securely plugged into the vehicle's port.
- Check for blown fuses in the vehicle's fuse box that might affect the OBD2 port.
- Confirm vehicle compatibility (US 1996+, EU 2002+, Asia 2008+).

- **Device Not Powering On:**

- The scanner draws power from the vehicle's OBD2 port. Ensure the vehicle's battery is not completely drained.
- Check the OBD2 port for any physical damage or debris.

- **Incorrect Readings/Errors:**

- Ensure the scanner's software is up-to-date.
- Verify the vehicle's battery voltage is stable.

For more detailed troubleshooting or persistent issues, please refer to the comprehensive user manual included with your product or contact AUTOPHIX customer support.

## 6. SPECIFICATIONS

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Feature	Detail
Brand	AUTOPHIX
Model	OM126P+
Item Weight	12.3 ounces
Package Dimensions	6.38 x 3.62 x 2.2 inches
Country of Origin	China
Display Resolution	320x240
Operating System Support	Windows 7/8/10/11 (Does not support Windows XP, Mac, and iOS systems)
Automotive Fit Type	Universal Fit
First Available Date	December 3, 2024

## 7. WARRANTY AND SUPPORT

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The AUTOPHIX OM126P+ OBD2 Scanner comes with a **5-year warranty**, ensuring long-term reliability and peace of mind. Additionally, enjoy **lifetime free software updates** to keep your device compatible with the latest vehicle models and diagnostic protocols.

AUTOPHIX is committed to providing professional technical support and excellent after-sales service. For any inquiries, technical assistance, or warranty claims, please contact AUTOPHIX customer support through their official website or the contact information provided in the user manual.

## 8. WHAT'S IN THE BOX

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Upon opening your AUTOPHIX OM126P+ package, you should find the following items:

- AUTOPHIX OM126P Code Reader
- USB Cable
- Users Manual