**AUTOPHIX 5900**

# AUTOPHIX 5900 Multi-Systems Diagnostic Scan Tool User Manual

Professional OBD2 Scanner Code Reader for BMW Mini

Model: 5900 | Brand: AUTOPHIX

## 1. INTRODUCTION AND OVERVIEW

The AUTOPHIX 5900 is a professional OBD2 scanner and code reader specifically designed for BMW and MINI vehicles. This multi-system diagnostic scan tool offers comprehensive capabilities for reading and clearing trouble codes across various vehicle systems, including ABS, Transmission, BMS, PCM, EPB, SAS, and performs essential service functions like Oil Reset and Battery Registration.

It provides enhanced full OBDII diagnosis for a wide range of vehicles, allowing users to quickly identify and address issues, saving time and potential repair costs. The device features a 2.4" TFT 262K true color LCD display and comfortable silicone buttons for easy navigation and operation.

Figure 1.1: The AUTOPHIX 5900 Multi-Systems Diagnostic Scan Tool.

## 2. SETUP

Setting up your AUTOPHIX 5900 is a straightforward process:

1.  **Locate the OBD-II Port:** The OBD-II (On-Board Diagnostics II) 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 have difficulty locating it.

2.  **Connect the Scanner:** With the vehicle's ignition turned off, firmly plug the scanner's OBD-II connector into the vehicle's OBD-II port.

3.  **Turn on Ignition:** Turn the vehicle's ignition to the "ON" position (do not start the engine). The scanner will automatically power on and begin communication with the vehicle's systems.

4. **Initial Setup:** Follow the on-screen prompts to select your language and other initial settings.



Figure 2.1: Connecting the AUTOPHIX 5900 to the vehicle's OBD-II port.

## 3. OPERATING THE DEVICE

The AUTOPHIX 5900 is designed for ease of use with its intuitive menu system and comfortable silicone keypad. Use the directional buttons to navigate through menus and the "OK" button to confirm selections. The "ESC" button is used to go back to the previous screen.

### 3.1. Full System Diagnostic for BMW/MINI

This tool is capable of diagnosing all major systems in BMW and MINI vehicles. After connecting the device, select the "For BMW" option from the main menu to access specific diagnostic functions for these brands.

- **Reading and Clearing Trouble Codes:** Access specific control modules (e.g., Engine, ABS, Transmission, Airbag) to read diagnostic trouble codes (DTCs) and clear them after repairs.
- **Live Data Stream:** View real-time data from various sensors and components, which can be crucial for diagnosing intermittent issues.
- **Special Functions:** Perform resets and adaptations for systems like Oil Service, EPB (Electronic Parking Brake), BMS (Battery Management System), and CBS (Condition Based Service) Reset.



Figure 3.1: Overview of professional all-system diagnostic functions.
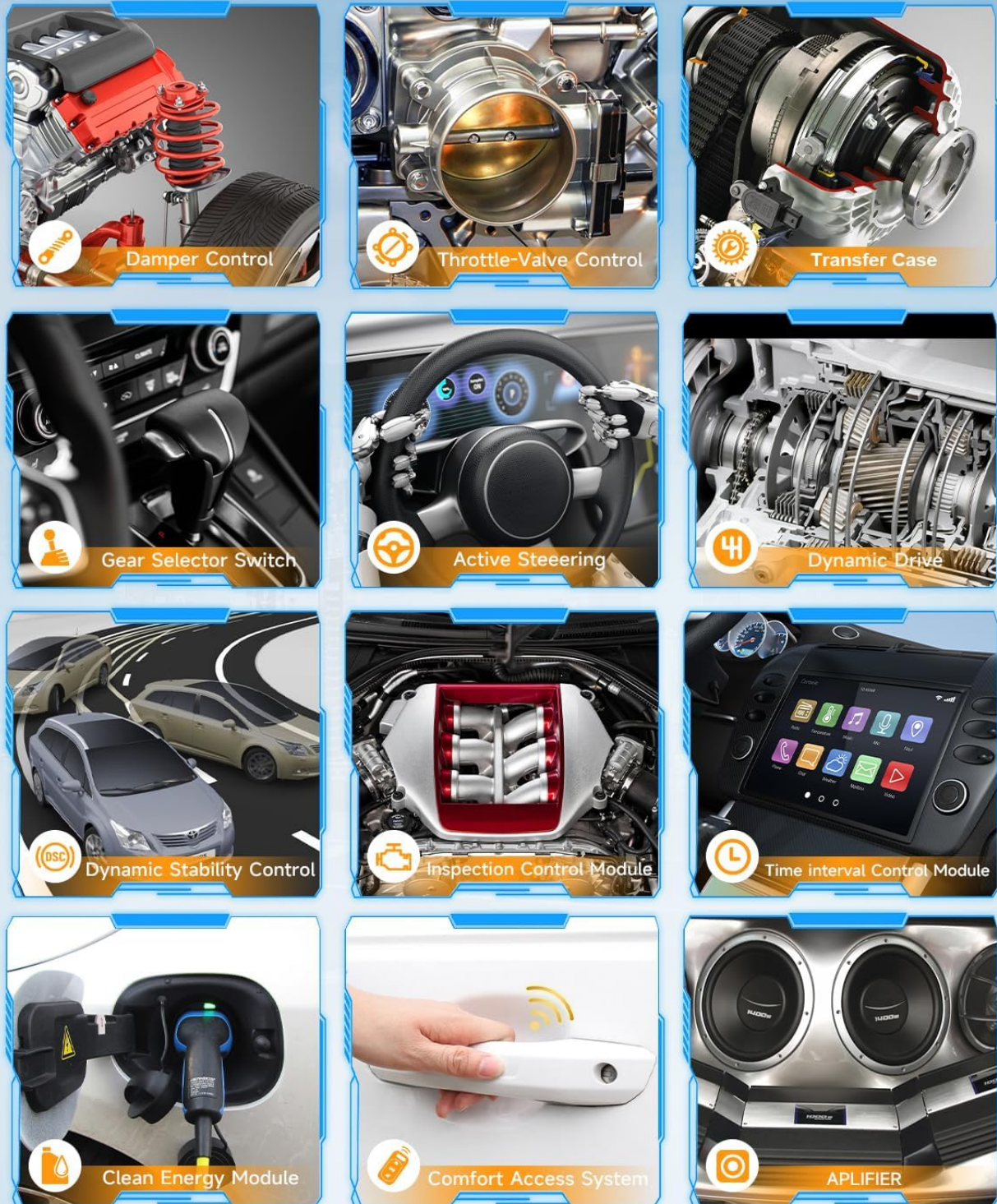
Figure 3.2: Detailed view of full function scan tool capabilities including Oil Service, Battery Registration, EPB, BMS, and Airbag.

Figure 3.3: Comprehensive module support for BMW Group vehicles, including Damper Control, Throttle-Valve Control, and Dynamic Stability Control.

## 3.2. Enhanced Full OBDII Diagnosis (Generic Vehicles)

For non-BMW/MINI vehicles, the AUTOPHIX 5900 provides standard OBDII diagnostic functions:

- **Read Codes:** Retrieve generic (P0, P2, P3, and U0) and manufacturer specific (P1, P3, and U1) codes.
- **Erase Codes:** Clear Diagnostic Trouble Codes (DTCs) and reset the Check Engine Light (MIL).
- **I/M Readiness:** Check the readiness status of various emission-related monitors.
- **Vehicle Information:** Display the Vehicle Identification Number (VIN), Calibration ID (CID), and

Figure 3.4: Standard OBDII functions available for all compatible vehicles.

## 3.3. Professional Battery Test and Registration

The device supports real-time battery voltage analysis and displays results graphically, providing insight into the battery's health and expected remaining life. For BMW/MINI vehicles, it also supports battery registration after replacement.

1. **Replace New Battery:** Ensure the new battery is installed correctly.

2. **Ignition ON, Engine OFF:** Turn the vehicle's ignition to the "ON" position without starting the engine.

3. **Select Model and Special Functions:** Navigate through the menu to select the correct model chassis, then proceed to "Special Functions".

4. **Battery Management:** Select "Battery Management" from the special functions menu.

5. **Register Battery Change:** Follow the on-screen instructions to register the new battery. This step is crucial for the vehicle's electrical system to correctly adapt to the new battery.



Figure 3.5: Step-by-step process for battery management and registration.

## 4. MAINTENANCE

To ensure the longevity and optimal performance of your AUTOPHIX 5900 diagnostic tool, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Software Updates:** The AUTOPHIX 5900 supports lifetime free software updates. Regularly check the official AUTOPHIX website for the latest software versions to ensure compatibility with new vehicle models and improved functionalities.



Figure 4.1: The device supports lifetime free upgrades and multiple languages.

# 5. TROUBLESHOOTING

If you encounter issues while using your AUTOPHIX 5900, consider the following common troubleshooting steps:

- **No Power:** Ensure the OBD-II connector is firmly plugged into the vehicle's port and the vehicle's ignition is in the "ON" position. Check the vehicle's fuse for the OBD-II port if the issue persists.
- **Communication Error:** Verify that the vehicle's ignition is on and the scanner is correctly connected. Try the scanner on a different compatible vehicle to rule out a vehicle-specific issue.
- **Incompatible Vehicle:** While the AUTOPHIX 5900 is designed for BMW/MINI and general OBDII vehicles, some specific models or years might have compatibility nuances. If you encounter vehicle incompatibility, please provide your vehicle's model, year, and VIN to customer support for assistance.
- **Screen Issues:** If the screen is dim or unreadable, adjust the contrast settings in the device's tool setup menu.

# 6. SPECIFICATIONS

| Feature | Detail |
|---|---|
| Brand | AUTOPHIX |
| Model | 5900 |
| Item Weight | 4.8 ounces |
| Product Dimensions | 9.5 x 2 x 7 inches |
| Display | 2.4" TFT 262K True Color LCD |
| Supported Systems (BMW/MINI) | ABS, Transmission, BMS, PCM, EPB, SAS, Oil Reset, CBS Reset, etc. |
| OBDII Compatibility | All OBDII compliant vehicles |
| Languages Supported | English, French, Spanish, German, Italian, Polish, Russian, Portuguese, Finnish, Swedish, Danish, Norwegian |
| Included in Box | 5900 SCANNER, OBDII Cable, USB Cable |

# 7. WARRANTY AND SUPPORT

AUTOPHIX provides comprehensive after-sales support for the 5900 diagnostic tool:

- **Warranty:** We offer a 48-month warranty for any quality problems, including replacement or refund.
- **Technical Assistance:** 24/7 technical assistance is available to help with any operational or compatibility questions.
- **Contact:** For support or to report vehicle incompatibility, please contact us via Amazon message.

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| AUTOPHIX"<br>NÁVOD K POUŽITÍ<br>9500<br><br>35891obd | **AUTOPHIX 9500 Multi-System Scanner User Manual**<br>User manual for the AUTOPHIX 9500 Multi-System Scanner, detailing its features, operation, and maintenance for Hyundai and KIA vehicles. |
| | **AUTOPHIX 7360 User's Manual: OBD2 Scanner for Toyota, Lexus, Scion - Operation and Features**<br>Comprehensive user manual for the AUTOPHIX 7360 OBD2 diagnostic scanner. Learn how to connect, operate, and utilize features like Oil Reset, EPB Reset, BMS Reset, and system scans for Toyota, Lexus, and Scion vehicles. Includes product specifications, safety precautions, and update information. |
| AUTOPHIX®<br>Uživatelský manuál<br>9610 | **AUTOPHIX 9610 Uživatelský manuál: Diagnostický skener pro vozidla VW, Audi, Škoda, Seat a Bentley**<br>Komplexní uživatelský manuál pro diagnostický skener AUTOPHIX 9610. Obsahuje podrobné pokyny pro OBDII diagnostiku, resetování servisu, EPB, BMS a další speciální funkce pro vozidla VW, Audi, Škoda, Seat a Bentley. Zahrnuje specifikace zařízení, popis tlačítek a průvodce aktualizací softwaru. |
| 9500<br>NÁVOD K POUŽITÍ<br>AUTOPHIX® | **AUTOPHIX 9500 Návod k Použití - Multi-system Scanner**<br>Comprehensive user manual for the AUTOPHIX 9500 multi-system scanner. This guide provides detailed instructions on connecting, operating, and utilizing the various functions of the device, including system diagnostics, special functions like Oil Reset, EPB Reset, BMS Reset, and more. It covers compatibility with a wide range of Hyundai and KIA vehicles, along with general OBDII support. |
| AUTOPHIX®<br>USER'S MANUAL<br>7610 | **AUTOPHIX 7610 Multi-System Scanner User's Manual**<br>Comprehensive user manual for the AUTOPHIX 7610 multi-system scanner, providing detailed instructions for vehicle diagnostics, fault code reading, and special functions for VW, Audi, Skoda, Seat, and Bentley vehicles. |

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**USER'S MANUAL**
**7910**

[AUTOPHIX 7910 User's Manual: Comprehensive Guide to Automotive Diagnostics](#)

This user's manual for the AUTOPHIX 7910 provides detailed instructions on operating this advanced automotive diagnostic tool. Learn about its features, safety precautions, and diagnostic capabilities for BMW, Mini, and Rolls-Royce vehicles, along with OBDII/EOBD compliance.