## LAUNCH Creader 6011

# Launch Creader 6011 OBD2/EOBD Diagnostic Scanner User Manual

Model: Creader 6011 | Brand: LAUNCH

## 1. INTRODUCTION

The Launch Creader 6011 is a versatile diagnostic tool designed for automotive enthusiasts and professional technicians. It offers comprehensive OBDII/EOBD diagnostic capabilities, alongside specialized functions for Anti-lock Braking System (ABS) and Supplemental Restraint System (SRS) diagnostics. This manual provides detailed instructions for the proper use, setup, and maintenance of your Creader 6011 device.

## 2. PRODUCT OVERVIEW

The Creader 6011 features a large color display and an intuitive interface for easy navigation and data interpretation. Its robust design ensures durability for use in various automotive environments.

**Figure 2.1:** The Launch Creader 6011 diagnostic scanner with its main menu displayed.

**Figure 2.2:** Detailed views of the Creader 6011, showing its various ports and control layout.

## 3. SPECIFICATIONS

| Feature | Specification |
| --- | --- |
| Screen | 4.0" TFT 320*480 dpi |
| Voltage Range | 9-18V |
| Operating Temperature | 0℃ ~ 50℃ |
| Environment Temperature | -20℃ ~ 70℃ |
| Dimensions | 195mm x 86mm x 32mm (7.6" x 3.4" x 1.2") |
| Weight | 460g (1.01 lbs) |
| Power Source | Corded Electric (via OBD II port) |
| Item Model Number | Launch-IV06 |

| Feature | Specification |
| --- | --- |
| UPC | 680666198909 |

## 4. Setup

The Creader 6011 is designed for ease of use and requires no external power source or batteries. It draws power directly from the vehicle's OBD II port.

1. **Locate the OBD II Port:** The OBD II 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 find it.

2. **Connect the Scanner:** Plug the diagnostic cable of the Creader 6011 into the vehicle's OBD II port. Ensure a secure connection.

3. **Power On:** Once connected, the scanner will automatically power on and display the main menu. If it does not power on, check the vehicle's ignition status and the connection.

## 5. Operating Instructions

Navigate the menu using the directional buttons and confirm selections with the **OK** button. The **ESC** button returns to the previous screen.

# SUPER PRACTICAL FUNCTION

Function and more practical



**Figure 5.1:** Key components and button functions of the Creader 6011.

## 5.1. Full OBDII/EOBD Functions

The Creader 6011 supports all 10 modes of OBDII/EOBD diagnostics:

- **Read Codes:** Retrieves Diagnostic Trouble Codes (DTCs) from the vehicle's computer.
- **Erase Codes:** Clears DTCs and turns off the Malfunction Indicator Lamp (MIL).
- **I/M Readiness:** Checks the readiness of the emission monitoring systems.
- **Data Stream:** Displays live data parameters from the vehicle's sensors.
- **Freeze Frame:** Shows a snapshot of operating conditions at the time a fault occurred.
- **O2 Sensor Test:** Retrieves O2 sensor monitoring test results.
- **On-Board Monitoring Test:** Retrieves results for emission-related powertrain components and systems.
- **EVAP System Test:** Initiates a test of the Evaporative Emission System.
- **Vehicle Information:** Retrieves vehicle identification number (VIN), calibration ID, and calibration verification number (CVN).
- **Component Test:** Allows bi-directional control of certain components (if supported by vehicle).
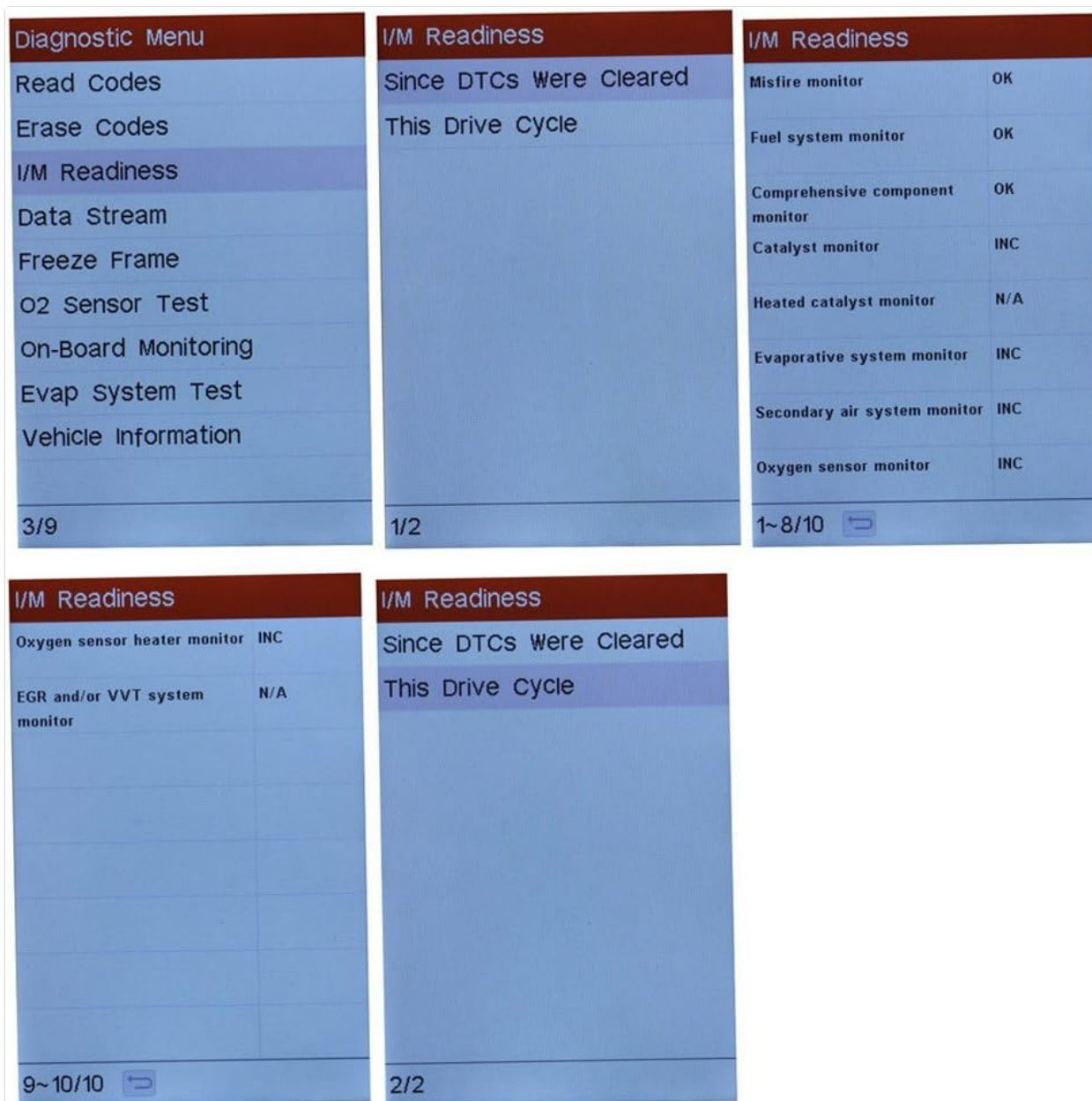
| Diagnostic Menu | | I/M Readiness | I/M Readiness | |
|---|---|---|---|---|
| Read Codes | | Since DTCs Were Cleared | Misfire monitor | OK |
| Erase Codes | | This Drive Cycle | Fuel system monitor | OK |
| I/M Readiness | | | Comprehensive component monitor | OK |
| Data Stream | | | Catalyst monitor | INC |
| Freeze Frame | | | Heated catalyst monitor | N/A |
| O2 Sensor Test | | | Evaporative system monitor | INC |
| On-Board Monitoring | | | Secondary air system monitor | INC |
| Evap System Test | | | Oxygen sensor monitor | INC |
| Vehicle Information | | | | |
| 3/9 | | 1/2 | 1~8/10 | |

| I/M Readiness | | I/M Readiness |
|---|---|---|
| Oxygen sensor heater monitor | INC | Since DTCs Were Cleared |
| EGR and/or VVT system monitor | N/A | This Drive Cycle |
| 9~10/10 | | 2/2 |

**Figure 5.2:** Example of the I/M Readiness screen, showing emission monitor status.

## 5.2. ABS and SRS System Diagnostic Functions

In addition to standard OBDII functions, the Creader 6011 provides specialized diagnostic capabilities for the Anti-lock Braking System (ABS) and Supplemental Restraint System (SRS).

- **Read ABS/SRS DTCs:** Retrieves specific trouble codes related to the ABS and SRS systems.
- **Clear ABS/SRS DTCs:** Erases fault codes from the ABS and SRS modules.
- **Data Streams for ABS/SRS:** Views live data parameters from ABS and SRS sensors, aiding in diagnosis.

## 6. SOFTWARE UPDATE

The Creader 6011 supports lifetime free online updates to ensure compatibility with new vehicle models and to receive software enhancements. Follow these steps to update your device:

1. **Download Update Tool:** Visit the official LAUNCH website (www.dbscar.com). Navigate to 'Products' > 'creader 4001~9081', find 'creader 6011', and download the update tool to your computer.
2. **Install Update Tool:** Install the downloaded update tool software on your computer.

3. **Connect Device:** Connect your Creader 6011 to your computer using the provided USB data cable.

4. **Run Update Tool:** Launch the update tool software. You will be prompted to enter the serial number and register code of your Creader 6011. These details will be displayed on the scanner's screen when it is connected to your PC.

5. **Initiate Update:** Click the 'Update' button within the software. Ensure the device remains connected and your internet connection is stable throughout the update process.



**Figure 6.1:** Visual guide for the software update process.

## 7. VEHICLE COVERAGE

The Creader 6011 is compatible with most post-1996 vehicles (OBD II & CAN compliant), including domestic and imported 12V petrol vehicles. Below is a general list of supported car brands (2006-present):
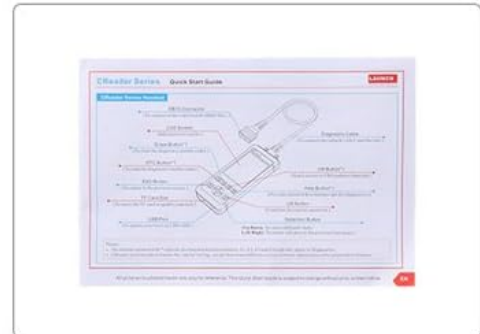
**Figure 7.1:** Partial list of car brands supported by the Creader 6011.

For a comprehensive and up-to-date list, please refer to the official LAUNCH website or the update tool software.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your Creader 6011, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the device in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle the diagnostic cable carefully. Avoid bending or twisting it excessively, which can damage internal wires.
- **Software Updates:** Regularly perform software updates as described in Section 6 to maintain compatibility and access new features.

## 9. TROUBLESHOOTING

If you encounter issues with your Creader 6011, consider the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the diagnostic cable is securely connected to the vehicle's OBD II port. Verify the vehicle's ignition is on. Check for any blown fuses in the vehicle's OBD II circuit.
- **Communication Error:** Confirm the vehicle is OBD II compliant. Check for a stable connection between the scanner and the vehicle. Try the scanner on a different OBD II compliant vehicle to rule out vehicle-specific issues.
- **Screen Freezes/Unresponsive:** Disconnect the device from the vehicle and reconnect it. If the issue persists, perform a software update.
- **Update Failure:** Ensure a stable internet connection during the update process. Verify the serial number and register code are entered correctly. Temporarily disable any firewall or antivirus software that might interfere with the update tool.

For persistent issues, contact LAUNCH technical support.

# 10. PACKAGE CONTENTS

Upon opening your Launch Creader 6011 package, you should find the following items:

- 1x Launch CReader 6011 OBD2/EOBD Diagnostic Scanner
- 1x USB Data Cable
- 1x User Manual (this document)
- 1x Carrying Pouch (may vary by region/package)

**Figure 10.1:** The typical contents included in the Creader 6011 package.

# 11. WARRANTY AND SUPPORT

The Launch Creader 6011 comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official LAUNCH website. For technical support, product inquiries, or warranty claims, please contact LAUNCH customer service through their official channels.

**Related Documents - Creader 6011**

[LAUNCH Creader VII+ & Creader VIII User's Manual - Automotive Diagnostic Tool Guide](#)
Comprehensive user manual for LAUNCH Creader VII+ and Creader VIII automotive diagnostic scanners. Learn about OBD II diagnostics, system scanning (ABS, SRS, TCM, ENG), DTC reading/clearing, live data, safety precautions, and software updates.

[LAUNCH CRP123X OBD2 Scanner: Key Information Before Purchase](#)
Essential guide covering 10 crucial points for LAUNCH CRP123X OBD2 scanner users, including compatibility, updates, warranty, usage tips, and included accessories. Learn about product features, support, and return policies.

[LAUNCH CReader Series User Manual - OBD II Diagnostic Tools](#)
Comprehensive user manual for LAUNCH CReader Series diagnostic tools, covering OBD II functions, system diagnostics, resetting procedures, and updates for models like CReader 6011, 7001, 8001, 8011, 8021, 9081.

[LAUNCH CReader Series User Manual](#)
This user manual provides comprehensive information on the LAUNCH CReader Series diagnostic tools, including models CReader 6011, 7001, 7001F, 8001, 8011, 8021, and 9081. It covers OBD II/EOBD diagnostics, product descriptions, connection and settings, diagnostic procedures, updates, and FAQs.

[LAUNCH CReader VII+ Upgrade Process Guide](#)
A step-by-step guide on how to upgrade the LAUNCH CReader VII+ automotive diagnostic scan tool using a TF card or USB cable. Includes software download, installation, and registration instructions.

[Launch CReader 3001 User Manual: Comprehensive Guide for Vehicle Diagnostics](#)
Explore the Launch CReader 3001 User Manual for detailed instructions on vehicle diagnostics, OBD II codes, readiness monitors, and tool setup. Essential guide for automotive technicians and enthusiasts.