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› **LAUNCH Professional OBD2 Scanner Diagnostic Tool CR3008 Plus,One-Key I/M,Lifetime Update Code Reader,Enhanced Check Engine Code Reader OBDII Car Scan Tool for All Vehicles After 1996,Battery Test**

LAUNCH CR3008 Plus

LAUNCH CR3008 Plus Professional OBD2 Scanner Diagnostic Tool Instruction Manual

Model: CR3008 Plus

Brand: LAUNCH

INTRODUCTION

The LAUNCH CR3008 Plus is a professional OBD2 scanner and diagnostic tool designed to help vehicle owners and technicians quickly and accurately diagnose car problems. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device, ensuring you can effectively utilize its full range of features.

SETUP

1. Unboxing and Components

Upon opening the package, ensure all components are present:

- 1x LAUNCH Creader 3008 Plus Unit
- 1x User Manual

Image: The LAUNCH CR3008 Plus unit with its included components.

2. Device Overview

Familiarize yourself with the physical features of the CR3008 Plus:

- **Display:** 2.8-inch TFT true color LCD screen for clear readability.
- **Keypad:** Silicone buttons for easy navigation and operation.
- **OBD2 Cable:** Integrated 32-inch data cable for vehicle connection.
- **USB-C Port:** Located at the bottom for software updates and data printing.

Image: Front view of the LAUNCH CR3008 Plus, highlighting its display and silicone keypad.

Image: The LAUNCH CR3008 Plus showing its integrated OBD2 cable for vehicle connection.

Image: The USB-C port located at the bottom of the LAUNCH CR3008 Plus, used for updates and data transfer.

Your browser does not support the video tag.

Video: A detailed overview of the LAUNCH CR3008 Plus, demonstrating its physical features and user interface.

3. Initial Setup (Plug & Play)

The LAUNCH CR3008 Plus is designed for immediate use without the need for batteries or chargers, as it is powered directly from your vehicle's OBD2 port.

1. Locate your vehicle's 16-pin OBD2 Data Link Connector (DLC). This is typically found under the dashboard on the driver's side.
2. Plug the CR3008 Plus's integrated OBD2 cable into the vehicle's DLC.
3. Turn the vehicle's ignition to the 'ON' position (engine can be off or running, depending on the function). The device will power on automatically.

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Video: Demonstration of the simple plug-and-play setup for the LAUNCH CR3008 Plus, showing how to connect it to a vehicle's OBD2 port.

OPERATING THE DEVICE

1. Main Menu Navigation

The main menu provides access to all diagnostic and utility functions. Use the directional buttons (up, down, left, right) to navigate and the 'OK' button to select an option.

Image: The main menu of the LAUNCH CR3008 Plus, displaying icons for Diagnose, Battery, Review, Lookup, Print, Help, Setup, and Info.

2. Diagnostic Functions

Select 'Diagnose' from the main menu to access the core diagnostic features:

- **Read Codes:** Displays detailed descriptions of Diagnostic Trouble Codes (DTCs).
- **Erase Codes:** Clears DTCs and turns off the Malfunction Indicator Lamp (MIL) after repairs.
- **Live Data Stream:** Reads and displays real-time ECU/PCM data, often with graphical plotting.
- **View Freeze Frame Data:** Shows vehicle conditions recorded by the on-board computer at the time an emission-related fault occurred.
- **O2 Sensor Test:** Retrieves and displays O2 sensor monitor test results.
- **On-Board Monitor Test:** Retrieves and displays test results for emission-related powertrain components and systems.
- **EVAP System Test:** Initiates a leak test for the vehicle's EVAP system.
- **Vehicle Information:** Displays information such as VIN, CID, and CVN.

Image: The diagnostic menu of the LAUNCH CR3008 Plus, listing various test modes and functions.

Image: The scanner displaying the status of the Check Engine Light (MIL) and its ability to clear fault codes.

Your browser does not support the video tag.

Video: A demonstration of how to use the LAUNCH CR3008 Plus to diagnose car issues, including reading and clearing codes.

3. One-Click I/M Readiness

This convenient feature allows for a quick check of your vehicle's emission readiness status, which is crucial for smog tests.

- From the main menu, press the dedicated 'I/M' button.
- The scanner will quickly process and display the readiness status of various emission-related systems.

Cover 99% of Global Car After 1996

| Car | SUV | PickUp | ORV | COUPE | Convertible | Truck |

OBD2 Protocol Support

ISO2000,ISO9141,KWP2000,SAE J1850VPW,SAE J1850PWM and CAN.
Compatible for 99% OBD2/ EOBD/JOBD & CAN Protocol Vehicles

8 Languages Supported

| English | Spanish | French | German |
| Russian | Japanese | Portuguese | Italian |

Image: The One-Click I/M Readiness screen, showing the status of various emission monitors for a quick smog check.

4. Battery Voltage Test

Quickly check your car's battery voltage and health:

- Select 'Battery' from the main menu.
- The device will display the current battery voltage and indicate its status (Normal/Abnormal).

Image: The Battery Voltage Test screen, showing the current voltage and battery health status.

5. DTC Lookup

The built-in DTC library allows you to quickly find definitions and possible causes of Diagnostic Trouble Codes without needing to search online.

- Select 'Lookup' from the main menu.
- Input the DTC code using the directional buttons.
- The scanner will display the definition and relevant information for the entered code.

LIFETIME FREE UPDATE

Connect PC with USB port for Print

Plug Card Reader into PC for Upgrade

Image: The DTC Lookup feature, allowing users to input a code and receive its definition and potential causes.

MAINTENANCE

1. Software Updates

The LAUNCH CR3008 Plus offers free lifetime software updates to ensure compatibility with new vehicle models and diagnostic protocols.

1. Visit the official LAUNCH website to download the update tool (compatible with Windows XP, 7, 8, & 10).
2. Connect the CR3008 Plus to your computer via a USB cable using the USB-C port at the bottom of the device.
3. Register the scanner using its serial number through the update tool.
4. Follow the on-screen instructions to download and install the latest software updates. Ensure a stable internet connection during the process.

Image: Close-up of the USB-C port on the LAUNCH CR3008 Plus, used for connecting to a computer for software updates.

Image: The LAUNCH CR3008 Plus connected to a laptop, illustrating the process for software updates or printing diagnostic reports.

2. Data Record and Print

The device allows you to record diagnostic data for later review and print reports for your records or to share with a mechanic.

- **Record Mode:** Enable 'Record Mode' in the 'Setup' menu to save live data streams and DTCs during diagnosis.
- **Review Data:** Access 'Review' from the main menu to view recorded DTCs, data streams, and freeze frame data.
- **Print Reports:** Connect the scanner to a computer via USB. Use the LAUNCH update tool's 'Print Manager' function to print saved diagnostic reports.

Image: The LAUNCH CR3008 Plus connected to a laptop, illustrating the process for software updates or printing diagnostic reports.

TROUBLESHOOTING

If you encounter issues with your LAUNCH CR3008 Plus, consider the following common troubleshooting steps:

- **No Power/Communication Error:**

  - Ensure your vehicle supports OBD2 protocols and has a standard 16-pin data connector. Check the compliance label under the hood for OBD certification.
  - Verify the vehicle's wiring and fuses for any short circuits.
  - Try connecting the scanner to another OBD2-compliant vehicle to determine if the communication error persists.

- **Check Engine Light (MIL) Issues:**

  - If the MIL is on, use the 'Read Codes' function to identify the specific DTCs. The scanner will help pinpoint the area to investigate.
  - If the engine is running erratically (stalling, poor acceleration, decreased fuel efficiency) even without the MIL, use 'Live Data Stream' to monitor parameters and identify values

outside the normal range.

- Remember, clearing codes only turns off the MIL; the underlying fault must be repaired to prevent the code from reappearing.

- **Software Update Problems:**

  - Ensure your computer's operating system is compatible (Windows XP, 7, 8, or 10).
  - Verify your internet connection is strong and stable during the update process.
  - Double-check that the serial number entered for registration is correct.

SPECIFICATIONS

- **Model:** LAUNCH Creader 3008 Plus
- **Display:** 2.8-inch TFT True Color LCD
- **Operating System:** Linux
- **Connectivity:** OBD2 (integrated cable), USB-C (for PC connection)
- **Supported Protocols:** KWP2000, ISO9141, J1850 VPW, J1850 PWM, CAN (Controller Area Network)
- **Vehicle Compatibility:** US vehicles (1996 & newer), EU vehicles (2000 & newer), Asian vehicles (2008 & newer)
- **Supported Languages:** English, Spanish, French, German, Russian, Japanese, Portuguese, Italian
- **Item Weight:** 12.7 ounces
- **Product Dimensions:** 4.65 x 2.68 x 0.88 inches
- **Country of Origin:** China
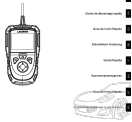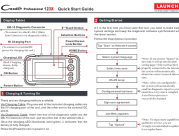
WARRANTY & SUPPORT

Warranty

The LAUNCH CR3008 Plus comes with a 5-year warranty, ensuring long-term reliability and peace of mind for your investment.

Support

For any technical assistance or inquiries, LAUNCH offers 24/7/365 technical support. Please refer to the contact information provided in your product packaging or on the official LAUNCH website for direct assistance.

Related Documents - CR3008 Plus

	[LAUNCH CR3008 Plus Quick Start Guide](#) A quick start guide for the LAUNCH CR3008 Plus OBD2 scanner, detailing components, controls, and basic diagnostic procedures for OBD II compliant vehicles.
	[LAUNCH CRP123E FAQs: Troubleshooting and Support](#) Frequently Asked Questions for the LAUNCH CRP123E automotive diagnostic tool, covering updates, registration, language support, features, package contents, troubleshooting, and more.
	[LAUNCH Creader Professional 123X Quick Start Guide](#) A quick start guide for the LAUNCH Creader Professional 123X, detailing initial setup, charging, and basic diagnostic procedures.
	[LAUNCH Creader Professional 123i User Manual - Comprehensive Guide](#) Explore the features and operation of the LAUNCH Creader Professional 123i automotive diagnostic tool. This user manual provides detailed instructions on vehicle diagnosis, system checks, updates, and settings.
	[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 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.