

LAUNCH CR3008 Plus

LAUNCH CR3008 Plus OBD2 Diagnostic Scan Tool User Manual

Model: CR3008 Plus | Brand: LAUNCH

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your LAUNCH CR3008 Plus OBD2 Diagnostic Scan Tool. This device is designed to assist in diagnosing vehicle issues by reading and clearing diagnostic trouble codes (DTCs), monitoring vehicle systems, and performing various diagnostic tests.

1. SETUP

1.1. Unpacking and Initial Inspection

Carefully unpack the LAUNCH CR3008 Plus device and inspect it for any signs of damage. Ensure all components are present.

1.2. Connecting to Your Vehicle (Plug & Play)

The LAUNCH CR3008 Plus is a plug-and-play device, powered directly by your vehicle's OBD-II port. No external power source is required for basic operation.

1. Locate the 16-pin Data Link Connector (DLC) in your vehicle. This port is typically located under the dashboard on the driver's side.
2. With the vehicle's ignition off, firmly connect the diagnostic tool's cable to the vehicle's DLC.
3. Turn the vehicle's ignition to the "ON" position (do not start the engine). The device will automatically power on and initiate communication with the vehicle's onboard computer.



Image: The LAUNCH CR3008 Plus connected to a vehicle's OBD-II port, demonstrating its plug-and-play functionality and battery voltage test feature.

2. OPERATING INSTRUCTIONS

2.1. Basic Operation and Menu Navigation

The device features a 2.8-inch TFT color LCD screen and a silicone keypad for easy navigation. Use the directional buttons to scroll through menus and the "OK" button to confirm selections.

HIGH RESOLUTION LCD COLOR DISPLAY

2.8-Inch True Color Screen, Viewing Clearer and Comfortable



Image: The LAUNCH CR3008 Plus displaying its diagnostic menu, highlighting various functions available to the user.

2.2. Language Selection

The device supports 8 languages: English, Spanish, French, German, Russian, Japanese, Portuguese, and Italian. To change the language, navigate to the "Settings" menu and select "Language".

Cover 99% of Global Car After 1996



OBD2 Protocol Support

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



8 Languages Supported



Image: The LAUNCH CR3008 Plus interface showing the selection of supported languages and a map illustrating global vehicle compatibility.

2.3. Full OBD2/EOBD Functions

The LAUNCH CR3008 Plus provides comprehensive OBD2/EOBD diagnostic functions:

- **Read Codes:** Retrieves Diagnostic Trouble Codes (DTCs) from the vehicle's computer.
- **Clear Codes:** Erases DTCs from the vehicle's computer and turns off the Malfunction Indicator Lamp (MIL).
- **Live Data:** Displays real-time data stream from the vehicle's sensors.
- **DTC Lookup:** Provides definitions for generic and manufacturer-specific codes.
- **Freeze Frame:** Stores a snapshot of vehicle operating conditions at the time an emission-related fault occurred.
- **I/M Readiness:** Checks the readiness of the emission monitoring systems. A one-key I/M readiness function is available for quick checks.
- **O2 Sensor Test:** Retrieves O2 sensor monitor test results.
- **EVAP System Test (Mode 8):** Initiates a test of the vehicle's Evaporative Emission System.
- **On-Board Monitor Test (Mode 6):** Retrieves results for emission-related powertrain components and systems that are

not continuously monitored.

- **Vehicle Information (VIN):** Retrieves the Vehicle Identification Number, Calibration ID, and Calibration Verification Number.
- **Battery Voltage Test:** Monitors the vehicle's battery voltage in real-time.

FULL OBD2 FUNCTIONS

Provide Accurate Diagnostic Data, Help You Pass Smog Test



The scanner screen displays the following menu:

- OBDII Review Data 1/6
- Review DTC
- Review Datastream
- Review Freeze Frame
- Delete DTC Data
- Delete Datastream
- Delete Freeze Frame

1 EVAP leak

2 Cylinder misfire

3 Intake air temperature too high

Read Code	Clear Code	Live Data	DTC Lookup	Freeze Frame	I/M Readiness	O2 Sensor Test
ON-Board Monitor Test (MODE 6)	EVAP System Test (MODE 8)	VIN Information	Data Review	Battery Voltage Tester	Report Print	Help

Image: Overview of the full OBD2 functions offered by the LAUNCH CR3008 Plus, detailing its diagnostic capabilities.

2.4. Clearing the Check Engine Light

When a fault code is detected, the Check Engine Light (MIL) illuminates. To turn off the MIL after addressing the underlying issue:

1. Connect the tool to your vehicle.
2. Navigate to the "Erase Codes" option in the diagnostic menu.
3. Confirm the action to clear the codes. This will also turn off the MIL.

CHECK ENGINE LIGHT

Accurately Identify Car Problems, Keep Your Car in Good Status



Image: The LAUNCH CR3008 Plus demonstrating how to turn off the Check Engine Light and clear fault codes.

2.5. I/M Readiness Check

The one-key I/M Readiness function allows for a quick check of the emission system's status, which is crucial for passing smog tests.

1. From the main menu, press the dedicated "I/M" button.
2. The device will display the status of various emission monitors (e.g., MIL, MIS, FUE, CCM, CAT, HCAT, O2S, EVAP, AIR, EGR). A checkmark indicates a complete test, while an 'X' indicates an incomplete test or fault.

ONE CLICK I/M READINESS

Quickly Press I/M See if Car Pass Your State's Emission
To Pass Smog Check



I/M Readiness

MIL		IGN	Spark
DTC	0	Pd DTC	10
MIS	✓	EVAP	✗
FUE	✗	AIR	⊘
CCM	✓	O2S	✗
CAT	✗	HRT	✗
HCAT	⊘	EGR	✗



Image: The LAUNCH CR3008 Plus performing a one-click I/M Readiness test, indicating system status for emission checks.

2.6. Data Record, Review, and Print

The device allows you to record, review, and print diagnostic reports. This feature helps in tracking vehicle performance over time and sharing diagnostic information.

1. **Record Data:** During live data stream viewing, select the record option to save data.
2. **Review Data:** Access saved data records from the "Review" menu.
3. **Print Data:** Connect the device to a computer via USB. Use the LAUNCH update tool software to print diagnostic reports.



Image: The LAUNCH CR3008 Plus connected to a computer for data printing, illustrating the process of generating diagnostic reports.

3. MAINTENANCE

3.1. Software Updates

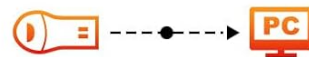
The LAUNCH CR3008 Plus offers lifetime free software updates to ensure compatibility with new vehicle models and improved functionality.

1. Visit the official LAUNCH website to download the latest update software.
2. Install the software on your computer.
3. Connect the CR3008 Plus to your computer using the provided USB cable.
4. Follow the on-screen instructions in the update software to perform the update.

LIFETIME FREE UPDATE



Connect PC with USB port for Print



Plug Card Reader into PC for Upgrade



Image: The LAUNCH CR3008 Plus connected to a laptop, demonstrating the process for lifetime free software updates.

4. TROUBLESHOOTING

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

- **Device does not power on:** Ensure the device is correctly connected to the vehicle's OBD-II port and the vehicle's ignition is in the "ON" position. Check the vehicle's battery voltage.
- **Communication error:** Verify the connection to the OBD-II port. Ensure the vehicle supports the OBD-II protocol (most vehicles after 1996 in the US, 2000 in Europe, and 2008 in Asia).
- **Incorrect readings or functions:** Ensure the software is up to date. Functions may vary by vehicle make, model, and year.
- **Product damaged or used upon receipt:** If you receive a damaged or used item, contact customer support for a replacement.

For further assistance, refer to the "Warranty & Support" section.

5. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	LAUNCH
Model Number	CR3008 Plus
Power Source	Vehicle OBD-II Port (Battery Powered)
Operating System	LAUNCH SYSTEM
Screen Size	2.8 Inches
Supported Languages	English, Spanish, French, German, Russian, Japanese, Portuguese, Italian
Vehicle Compatibility	Universal (99% of US vehicles after 1996, EU vehicles after 2000, Asian vehicles after 2008)
GTIN/UPC	884508007705

6. WARRANTY AND CUSTOMER SUPPORT

The LAUNCH CR3008 Plus comes with a 60-day return policy and a warranty of up to 5 years. For any issues or inquiries, our customer service team is available 24 hours a day, 365 days a year.

You can contact support via the Amazon messaging system or through the email address provided on the product details page.

For questions regarding product functionality and vehicle compatibility, please contact customer support for detailed information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question