

- Manuals.plus /
- › LAUNCH /
- › LAUNCH CR629 OBD2 Scanner User Manual

LAUNCH CR629

LAUNCH CR629 OBD2 Scanner User Manual

Model: CR629

1. INTRODUCTION

The LAUNCH CR629 is a professional OBD2 diagnostic scanner designed to assist in vehicle maintenance and troubleshooting. It provides comprehensive diagnostic functions, including reading and clearing Diagnostic Trouble Codes (DTCs), displaying live data, and performing various reset services. This manual provides instructions for the proper use and maintenance of your CR629 device.

# ACTIVE TEST

To Quickly and Precisely Locate Faults



Figure 1: LAUNCH CR629 OBD2 Scanner. This image shows the main unit of the CR629 scanner with its display and control buttons.

## Key Features:

- Full OBD2/EOBD Diagnostic Functions
- ABS and SRS System Diagnostics
- Oil Reset Service
- Battery Management System (BMS) Reset
- Steering Angle Sensor (SAS) Reset
- 3.5-inch Color LCD Display
- Lifetime Free Software Updates
- Multi-language Support

## 2. SETUP

### 2.1 Package Contents

- LAUNCH CR629 Unit x 1
- User Manual x 1

## 2.2 Connecting the Device

1. Locate the Data Link Connector (DLC) in your vehicle. The DLC is typically located under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is OFF.
3. Plug the CR629's OBD-II connector into the vehicle's DLC. Ensure a secure connection.
4. Turn the vehicle's ignition to the ON position (engine can be off or running, depending on the test). The CR629 will power on automatically.

## 3. OPERATING INSTRUCTIONS

The CR629 features a user-friendly interface with a 3.5-inch color LCD and dedicated function buttons for easy navigation.

# WHAT DOES CR629 HAVE ?



**One Click to Read and Clear DTCs**

**HELP** Help Button

**I/M Readiness**

**3 LED Indicators**

Figure 2: CR629 Interface Overview. This image highlights the main menu, one-click DTC read/clear, help button, I/M readiness indicator, and 3 LED indicators on the device.

### 3.1 Basic OBD2 Functions

After connecting the device and powering it on, navigate the main menu using the arrow keys and the OK button.

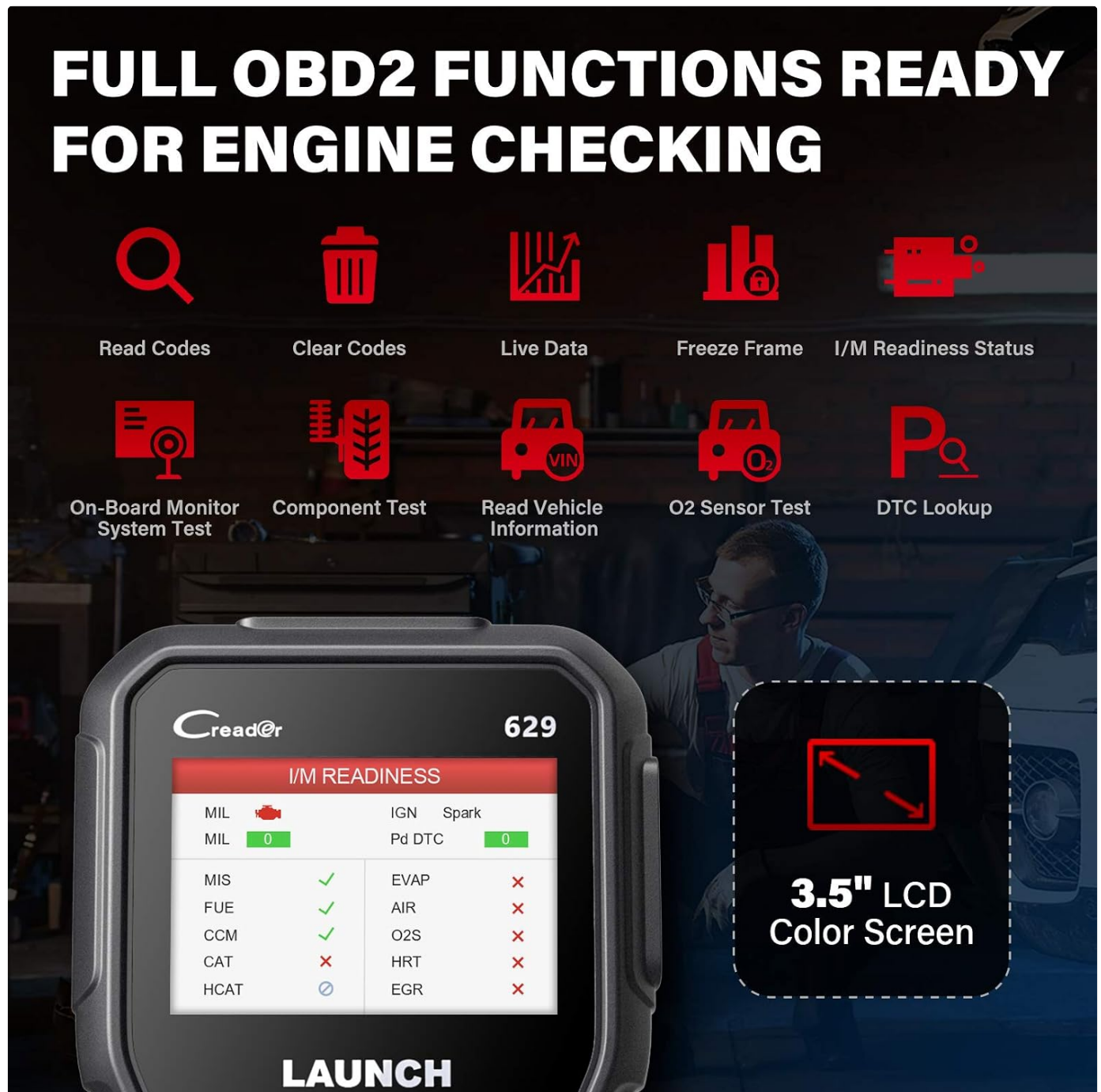


Figure 3: Full OBD2 Functions. This image displays the various OBD2 functions available, including Read Codes, Clear Codes, Live Data, Freeze Frame, I/M Readiness Status, On-Board Monitor System Test, Component Test, Read Vehicle Information, O2 Sensor Test, and DTC Lookup.

- **Read Codes:** Displays current, pending, and permanent Diagnostic Trouble Codes (DTCs).
- **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 in text or graph format.
- **Freeze Frame:** Shows a snapshot of operating conditions at the time an emission-related fault occurred.
- **I/M Readiness:** Checks the readiness of the emission monitoring systems.
- **O2 Sensor Test:** Retrieves O2 sensor monitor test results for the most recently completed tests.
- **On-Board Monitor Test:** Retrieves test results for emission-related powertrain components and systems that are not

continuously monitored.

- **Component Test:** Allows initiation of a leak test for the vehicle's EVAP system.
- **Vehicle Information:** Retrieves the Vehicle Identification Number (VIN), Calibration ID (CALID), and Calibration Verification Number (CVN).
- **DTC Lookup:** Provides definitions for generic and manufacturer-specific codes.

### 3.2 ABS and SRS System Diagnostics

The CR629 can access and diagnose the Anti-lock Braking System (ABS) and Supplemental Restraint System (SRS) in compatible vehicles.

# CLOSELY MONITOR THE STATUS OF ABS&SRS

Go Deep into the ABS/SRS System for a Thorough Inspection

**ABS** **SRS**

**Active Test**

**Read / Clear DTCs**

**Read Live Data**

**Read ECU Information**

Figure 4: ABS & SRS Monitoring. This image illustrates the capability of the CR629 to closely monitor the status of ABS and SRS systems, including Active Test, Read/Clear DTCs, Read Live Data, and Read ECU Information.

- **Read/Clear ABS/SRS DTCs:** Read and clear fault codes specific to these systems.
- **View ABS/SRS Live Data:** Monitor real-time parameters from ABS and SRS sensors.
- **Active Test:** Perform bi-directional control tests on ABS/SRS components (e.g., cycling solenoids, activating pumps) to quickly locate faults.



Figure 5: Active Test. This image demonstrates the active test feature, showing diagnostics for airbags and suspension components to quickly and precisely locate faults.

### 3.3 Reset Services

The CR629 supports essential maintenance reset functions to ensure your vehicle runs smoothly after service.

# 3 RESET SERVICES

Keep Your Car Running Smoothly



**Oil Reset**



**SAS Reset**



**BMS Reset**

Figure 6: Three Reset Services. This image illustrates the Oil Reset, SAS Reset, and BMS Reset functions available on the CR629.

- **Oil Reset:** Resets the engine oil life system after an oil change, turning off the oil light.
- **Steering Angle Sensor (SAS) Reset:** Calibrates the steering angle sensor after replacement or alignment to ensure proper function of stability control systems.
- **Battery Management System (BMS) Reset:** Registers a new battery with the vehicle's ECU after replacement, clearing fault information and ensuring proper charging.

## 4. MAINTENANCE

### 4.1 Software Updates

The LAUNCH CR629 offers lifetime free software updates to ensure compatibility with new vehicle models and to improve functionality. To update the device:

1. Visit the official LAUNCH website.
2. Download the update tool and the latest software package for the CR629.

3. Connect the CR629 to your computer using a USB cable.
4. Follow the on-screen instructions of the update tool to install the new software.

# LIFETIME FREE UPDATE DATA PRINTING VIA PC



Figure 7: Lifetime Free Update and Data Printing. This image shows the CR629 connected to a PC for software updates and data printing.

## 4.2 Data Printing

Diagnostic reports and data can be printed via a PC. Connect the CR629 to your computer and use the LAUNCH update tool or dedicated software to access and print stored data.

## 4.3 Cleaning

Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the device dry and free from dust.

## 5. TROUBLESHOOTING

- **Device does not power on:** Ensure the OBD-II cable is securely connected to the vehicle's DLC and the vehicle's ignition is in the ON position. Check the vehicle's fuse for the OBD-II port.

- **Communication error:** Verify the vehicle is OBD-II compliant (most vehicles from 1996 onwards). Check for loose connections. Turn off the ignition, wait 10 seconds, and restart the vehicle and scanner.
- **Codes cannot be cleared:** Some DTCs may require specific driving cycles or repairs before they can be cleared. Ensure the underlying issue causing the code has been resolved.
- **Screen frozen:** Disconnect the device from the vehicle, wait a few seconds, and reconnect. If the issue persists, perform a software update.

## 6. SPECIFICATIONS

| Feature             | Specification                                                            |
|---------------------|--------------------------------------------------------------------------|
| Brand               | LAUNCH                                                                   |
| Model               | CR629                                                                    |
| Display             | 3.5-inch Color LCD                                                       |
| Power Source        | Vehicle OBD-II Port (12V)                                                |
| Operating System    | Self-contained                                                           |
| Connectivity        | OBD-II, USB                                                              |
| Compatibility       | OBDII compliant vehicles (1996 and newer)                                |
| Supported Languages | English, French, German, Spanish, Portuguese, Russian, Japanese, Italian |
| UPC                 | 632111316086                                                             |

# SUPPORT OVER 10000 MODELS

## ABS&SRS

# 42

Models

## Special Features

# 53

Brands

## Specific

# 12V

Diesel

Work on Most OBD2-compliant Vehicles since 1996 and Newer

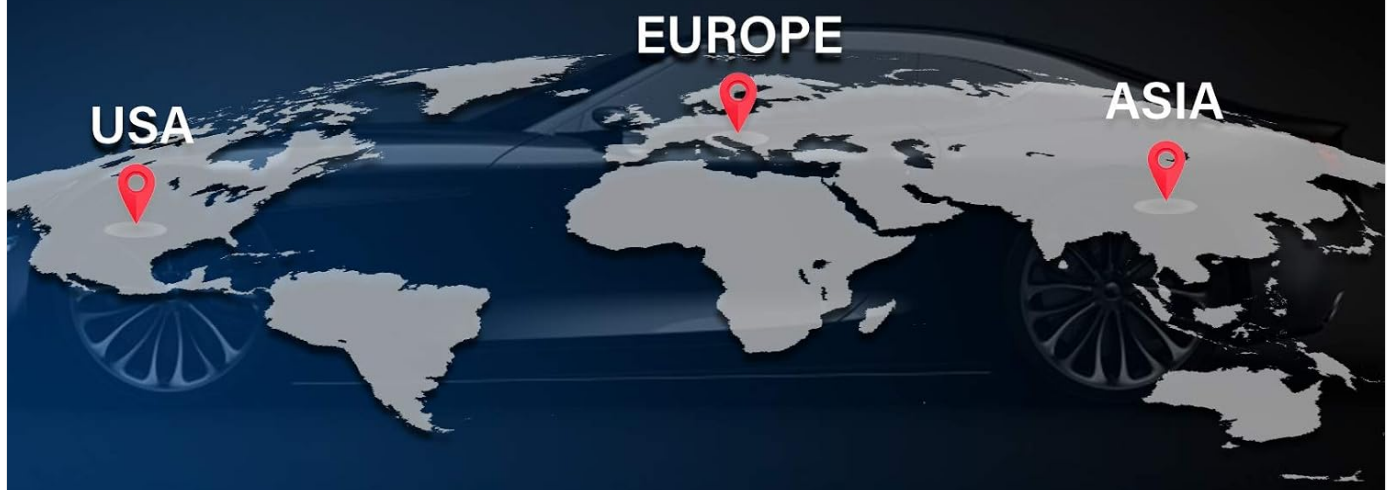


Figure 8: Vehicle Model Support. This image indicates support for over 10,000 models, including 42 ABS&SRS models and 53 specific brands, working on most OBD2-compliant vehicles since 1996 and newer across USA, Europe, and Asia.

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The LAUNCH CR629 is backed by a 5-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

### 7.2 Return and Exchange Policy

A 60-day return and exchange policy is offered from the date of purchase. Please refer to the retailer's specific terms and conditions for returns.

### 7.3 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact LAUNCH official customer support. Contact details can be found on the official LAUNCH website.

## 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

---

Open the live page

<https://manuals.plus/asin/B089KD1L9Q>

More documents and user manuals: <https://manuals.plus/>