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› LAUNCH CR529 OBD2 Scanner User Manual

LAUNCH CR529

LAUNCH CR529 OBD2 Scanner User Manual

Model: CR529 | Brand: LAUNCH

INTRODUCTION

The LAUNCH CR529 OBD2 Scanner is a diagnostic tool designed to help identify and resolve issues with your vehicle's engine system. It provides comprehensive OBD2 functions, including reading and clearing diagnostic trouble codes (DTCs), I/M readiness status, live data stream, and more. This manual will guide you through the proper use and maintenance of your CR529 scanner.



Image: The LAUNCH CR529 OBD2 Scanner main unit, displaying its screen and buttons.

1. SETUP AND INITIAL USE

1.1 Package Contents

Before starting, ensure all items are present in the package:

- 1 x LAUNCH CR529 OBD2 Scanner
- 1 x OBDII Cable
- 1 x User Manual

1.2 Connecting to Your Vehicle

1. Locate the 16-pin Data Link Connector (DLC) in your vehicle. This is typically found under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is OFF.
3. Plug the OBDII cable into the vehicle's DLC port.
4. Turn the vehicle's ignition to the ON position (engine can be off or running, depending on the test). The scanner will power on automatically.



Image: The LAUNCH CR529 scanner connected to a vehicle's OBD2 port, displaying a diagnostic trouble code (DTC) on its screen.

1.3 Language Selection

The device supports multiple languages. To change the language:

1. From the main menu, navigate to **SETUP**.
2. Select **Language**.
3. Choose your desired language (English, French, Spanish, German, Portuguese, Russian, Japanese).



Image: The LAUNCH CR529 displaying various OBDII protocols and vehicle compatibility by region and year, along with language options.

2. OPERATING INSTRUCTIONS

The LAUNCH CR529 offers 10 comprehensive OBD2 test modes to diagnose vehicle issues.

Tout en un

Fonctions OBD2 complètes améliorées



Image: The LAUNCH CR529 screen showing icons for all 10 enhanced OBD2 functions, including Read Codes, Erase Codes, Live Data, and I/M Readiness.

2.1 Reading and Clearing Diagnostic Trouble Codes (DTCs)

1. Connect the scanner to your vehicle's DLC port.
2. From the main menu, select **DIAGNOSE**.
3. Choose **Read Codes** to view current, pending, or permanent DTCs. The scanner will display the code and its definition.
4. To clear codes, select **Erase Codes**. Confirm the action when prompted. This will turn off the Check Engine Light (MIL).

Éliminateur de voyant moteur

Pour gagner du temps et des efforts sur les petites réparations

• Éteindre le témoin MIL



• Recherche DTC



Image: An illustration showing how the LAUNCH CR529 can turn off the Check Engine Light (MIL) and assist with DTC lookup.

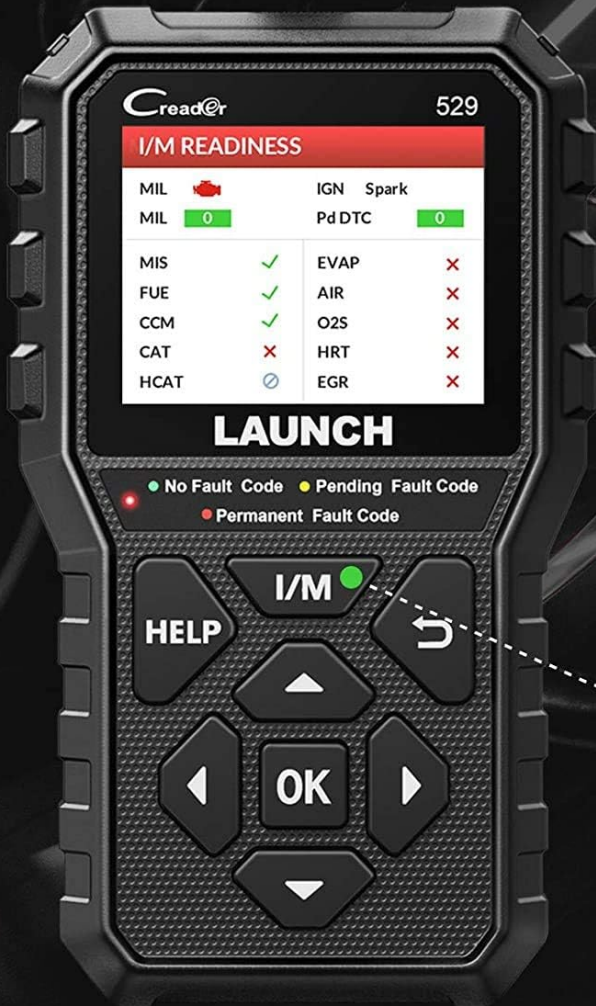
2.2 I/M Readiness Status

The I/M Readiness function checks if the various emissions-related systems on the vehicle are operating correctly and are ready for inspection and maintenance testing.

1. From the main menu, press the dedicated **I/M** button for a quick check.
2. The screen will display the status of various monitors (e.g., MIL, EVAP, O2 Sensor). A green checkmark indicates completion, while a red 'X' indicates an incomplete or failed test.

One-Click Smog Checker

To see if the car can pass the emission test



I/M READINESS			
MIL		IGN Spark	
MIL	0	Pd DTC	0
MIS	✓	EVAP	✗
FUE	✓	AIR	✗
CCM	✓	O2S	✗
CAT	✗	HRT	✗
HCAT	⊘	EGR	✗



Image: The LAUNCH CR529 displaying the I/M Readiness status, indicating whether the vehicle can pass an emissions test with a clear graphical representation.

2.3 Live Data Stream

View real-time operational parameters of the vehicle's engine, such as vehicle speed, RPM, air flow rate, and engine coolant temperature. This data can be displayed in both graphical and text formats.

1. From the main menu, select **Live Data**.
2. Choose to view data in **Graph** or **Value** format.
3. Scroll through the available parameters to monitor specific sensor readings.

2.8" TFT Color Screen

ENTERING SYSTEM

PROCESSING...

J1850 VPW
J1850 PWM
ISO15765-4 CAN(11bit)
ISO15765-4 CAN(29bit)
ISO14230-4 KWP
ISO14230-4 KWP(5BPS)
ISO9141
Entering system, please wait...

BOARD MONITORING 1/4

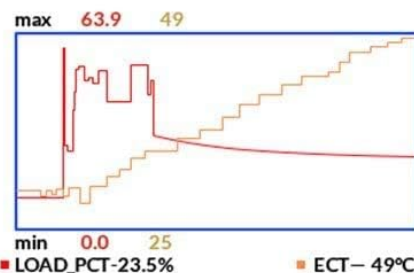
Test \$01 Data

Test \$02 Data

Test \$04 Data

Test \$06 Data

DATA STREAM



Entering System

On Board Monitor Test

Data Stream



Image: The LAUNCH CR529's 2.8-inch TFT color screen displaying real-time data streams, including processing status and graphical representations of vehicle parameters.

2.4 DTC Lookup Library

The CR529 includes a built-in DTC library, eliminating the need for online searches to understand error codes.

1. From the main menu, select **Lookup**.
2. Enter the DTC code using the navigation buttons.
3. The scanner will display the full definition of the code.

10 000+ DTC, SANS RECHERCHE GOOGLE

- Sélectionnez simplement le code d'erreur et vous obtiendrez son explication approfondie.
- Vous aide à prendre des décisions en temps opportun concernant les réparations possibles.
- Vous évite d'avoir à rechercher en ligne la signification du code d'erreur.

Veuillez saisir le DTC

P0000

La 1re plage : P,C,B,U

La 2e plage : 0,1,2,3

Les autres de 0 à F

Appuyez sur [↑] ou [↓] pour modifier la saisie, appuyez sur [→] ou [←] pour sélectionner la position, puis appuyez sur [OK] pour confirmer.



Image: An illustration showing the LAUNCH CR529's integrated DTC library with over 10,000 codes, eliminating the need for external searches.

2.5 Data Record, Review, and Print

The scanner allows you to record diagnostic data, review it later, and print it for detailed analysis or sharing.

1. During a diagnostic session, select the **Record Data** option to save live data streams or freeze frame data.
2. From the main menu, select **Review** to access previously recorded data.
3. Connect the scanner to a PC (as described in Section 3.1) and use the update tool to **Print Data**.



Image: The LAUNCH CR529 scanner next to a printer, illustrating its data recording, review, and printing capabilities.

2.6 Vehicle Information (VIN, CID, CVN)

Access important vehicle identification information such as Vehicle Identification Number (VIN), Calibration ID (CID), and Calibration Verification Number (CVN).

1. From the main menu, select **Info**.
2. Choose the desired information (VIN, CID, or CVN) to display.



Image: A digital interface showing "VIEW VIN, CIN & CVN" with a transparent car overlay, indicating the scanner's ability to display vehicle information.

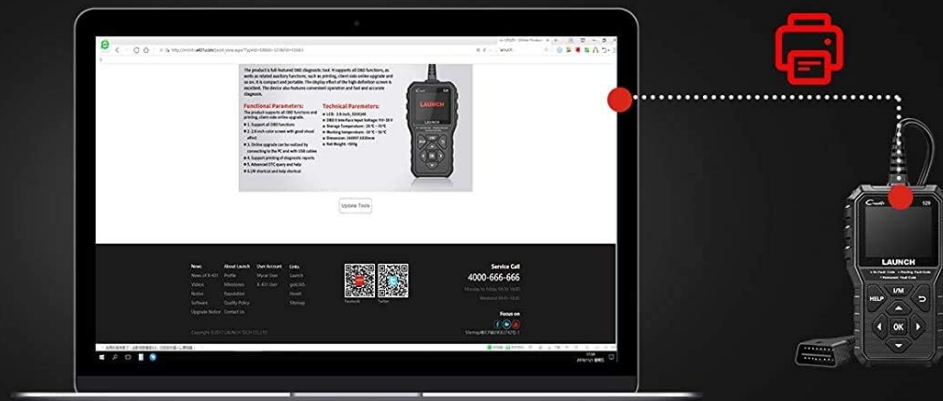
3. MAINTENANCE AND UPDATES

3.1 Software Updates

The LAUNCH CR529 offers free lifetime software updates to ensure compatibility with new vehicle models and to fix any bugs. Regular updates are recommended for optimal performance.

1. Visit the official LAUNCH technical support website:<http://www.x431.com/CR529>.
2. Download the update tool and unzip it to your computer's desktop.
3. Press and hold any button on the scanner before connecting it to your PC via the provided USB cable.
4. Open the "Uplink" software and follow the on-screen instructions to update the device.

Lifetime Free Update & Print Process



STEP 1

Keep pressing any button of the scanner BEFORE connecting it to you PC



STEP 2

Search online our technical Support website :
<http://www.x431.com/CR529>



STEP 3

Download software and unzip it to computer desktop



STEP 4

Open "Uplink" to upgrade and print

Image: A step-by-step guide illustrating the process of updating the LAUNCH CR529 scanner's software using a computer.



Image: The LAUNCH CR529 scanner connected to a laptop via USB, illustrating the lifetime software update feature.

3.2 Cleaning and Storage

- Clean the scanner's screen and body with a soft, damp cloth. Avoid abrasive cleaners.

- Store the device in a dry, cool place, away from direct sunlight and extreme temperatures.
- Keep the OBDII cable free from kinks or damage.

4. TROUBLESHOOTING

This section addresses common issues you might encounter while using the LAUNCH CR529.

4.1 Device Does Not Power On

- Ensure the OBDII cable is securely connected to both the scanner and the vehicle's DLC port.
- Verify that the vehicle's ignition is in the ON position.
- Check the vehicle's fuse for the OBDII port. Consult your vehicle's owner's manual for fuse box location and diagram.

4.2 Communication Error with Vehicle

- Confirm the vehicle supports the OBD2 protocol (most vehicles manufactured after 1996 in the US, 2002 in Europe, and 2003 in Asia).
- Ensure the ignition is ON.
- Check for any loose connections in the OBDII cable.
- Try the scanner on another OBD2-compliant vehicle to rule out a scanner issue.

4.3 Inaccurate or Missing Data

- Ensure the scanner's software is up to date. Refer to Section 3.1 for update instructions.
- Verify that the vehicle's engine is running or the ignition is ON, as some data requires active engine operation.

4.4 Using the "HELP" Function

The CR529 features a dedicated "HELP" button for quick access to diagnostic tips and DTC definitions, assisting you in understanding and resolving issues.



Image: An illustration highlighting the enhanced OBD2 test modes and the "HELP" button on the LAUNCH CR529, providing diagnostic advice.

5. SPECIFICATIONS

Feature	Detail
Brand	LAUNCH
Model Number	CR529
Power Source	Cable Electric (via OBDII port)
Screen Size	2.8 Inches TFT Color Screen
Supported Operating Systems for Updates	Android 4.4, Windows 10, Windows 8, Windows XP
Supported Protocols	Standard OBD2/EOBD/JOBD&CAN
Vehicle Compatibility	US vehicles (1996 & newer), European vehicles (2002 & newer), Asian vehicles (2003 & newer)
Languages	English, French, Spanish, German, Portuguese, Russian, Japanese
GTIN (UPC)	632111313177

6. WARRANTY INFORMATION

The LAUNCH CR529 OBD2 Scanner comes with a manufacturer's warranty. Please refer to the following details:

- **Warranty Period:** 1 Year
- For warranty claims or detailed terms and conditions, please contact LAUNCH customer support or visit their official website.

7. CUSTOMER SUPPORT

For technical assistance, product inquiries, or support regarding your LAUNCH CR529, please use the following resources:

- **Official Website for Updates and Support:**<http://www.x431.com/CR529>
- Refer to the included user manual for additional information.

LAUNCH is committed to providing quality support for its products.

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