

LAUNCH CRP129i V2.0

LAUNCH CRP129i V2.0 OBD2 Diagnostic Scanner User Manual

Model: CRP129i V2.0

1. INTRODUCTION

The LAUNCH CRP129i V2.0 is an advanced OBD2 diagnostic scanner designed for comprehensive vehicle system analysis and maintenance. This device provides access to engine, transmission, ABS, and SRS systems, along with various reset functions, to assist in diagnosing and resolving common automotive issues. This manual outlines the proper procedures for setup, operation, maintenance, and troubleshooting to ensure effective use of your diagnostic tool.

2. SAFETY INFORMATION

- Always perform automotive testing in a well-ventilated area.
- Wear appropriate eye protection and safety clothing.
- Do not connect or disconnect the diagnostic tool while the vehicle's ignition is on or the engine is running, unless specifically instructed.
- Keep the device dry and away from extreme temperatures.
- Refer to the vehicle's service manual for specific safety precautions related to the vehicle being tested.

3. SETUP GUIDE

3.1 Initial Power On and Configuration

1. **Charge the Device:** Before first use, ensure the device is fully charged using the provided power adapter. The internal 6100 mAh battery provides extended operation.
2. **Power On:** Press and hold the power button to turn on the device.
3. **Language Selection:** Follow the on-screen prompts to select your preferred language. The device supports 11 languages.
4. **Wi-Fi Connection:** Connect the device to a stable Wi-Fi network to enable software updates and online features.

3.2 Software Updates

The LAUNCH CRP129i V2.0 offers lifetime free software updates. Regular updates ensure access to the latest vehicle models, bug fixes, and added functionalities.

1. **Access Update Menu:** From the main menu, tap the "Upgrade" icon.
2. **Check for Updates:** The device will automatically check for available updates.
3. **Install Updates:** Select and install any pending updates. Ensure a stable Wi-Fi connection throughout the process.

2025 LAUNCH CRP129i V2.0 OPTIMIZED HIGH-END CONFIGURATS

Jan 23 11:32 91%

Diagnose OBD II I/M

Reset Data

Upgrade 6

Mail Settings

LAUNCH

Lifetime Free Update

FREE Free of charge for the entire lifetime of the tool

Android 8.1 System

2GB+32GB memory

Simply get the latest functions

6100mAh Akku

5.0-Zoll

Image: The main interface of the LAUNCH CRP129i V2.0, showing the 'Upgrade' icon for software updates. This feature provides lifetime free updates to ensure the device remains current with the latest vehicle data and functions.

4. OPERATING INSTRUCTIONS

4.1 Connecting to the Vehicle

1. **Locate OBD-II Port:** The OBD-II port is typically located under the dashboard on the driver's side.
2. **Connect Device:** Plug the diagnostic cable from the CRP129i V2.0 into the vehicle's OBD-II port.

3. **Turn Ignition On:** Turn the vehicle's ignition to the "ON" position (engine off).

4.2 AutoVIN Function

The AutoVIN function automatically identifies the vehicle's VIN (Vehicle Identification Number) for quick and accurate vehicle information retrieval. If AutoVIN is not supported by the vehicle, the VIN can be entered manually.

1. **Initiate Scan:** From the main menu, select "Diagnose" and then choose "AutoDetect" or "Auto Scan".
2. **Confirm Vehicle Info:** Review the automatically detected vehicle information (Brand, Model, Year) and confirm.



Image: The LAUNCH CRP129i V2.0 performing an AutoVIN scan, displaying the detected VIN and vehicle details. This feature streamlines the diagnostic process by automatically identifying the vehicle.

4.3 4-System Diagnosis

The CRP129i V2.0 supports comprehensive diagnostics for four core vehicle systems: Engine, Transmission, Anti-lock Braking System (ABS), and Supplemental Restraint System (SRS).

1. **Select System:** After vehicle identification, choose the desired system for diagnosis (Engine, Transmission, ABS, or SRS).

2. **Read/Clear Codes:** Read Diagnostic Trouble Codes (DTCs) to identify issues. After repairs, clear the codes to turn off warning lights.

3. **View Live Data:** Monitor real-time data streams from various sensors within the selected system.



Image: A visual representation of the 4-system diagnostic scan tool capabilities, highlighting its ability to diagnose Engine, Transmission, SRS (Airbag), and ABS (Braking System) issues.

4.4 12+ Reset Services

The device provides over 12 common maintenance reset functions to assist with vehicle servicing.

- **Oil Reset:** Resets the oil life system after an oil change.
- **EPB Reset:** Resets the electronic parking brake system after brake pad replacement.
- **SAS Reset:** Resets the steering angle sensor.
- **ABS Bleeding:** Performs ABS brake bleeding to restore ABS brake sensitivity.
- **TPMS Reset:** Resets tire pressure monitoring system sensors.
- **DPF Regeneration:** Manages diesel particulate filter regeneration.
- **Injector Coding:** Codes new injector numbers to the ECU.

- **AFS Reset:** Resets the adaptive front lighting system.
- **AF Reset:** Adjusts air/fuel ratio.
- **BMS Reset:** Resets the battery management system.
- **Adblue Reset:** Resets the urea system after Adblue fluid replacement or system maintenance.
- **Throttle Regulation:** Initializes throttle actuators to the default state.

12+ HOT RESET SERVICES

Solve Daily Maintenance in Seconds

			
Oil Reset	SAS Reset	Throttle Matching	D.P.F Reset
			
ABS Reset	Brake Reset	BMS Reset	TPMS Reset
			
Adblue Reset	Inject Reset	AFS Reset	A/F

Image: A comprehensive display of the 12+ hot reset services offered by the diagnostic tool, illustrating functions such as Oil Reset, SAS Reset, Throttle Matching, DPF Reset, ABS Reset, Brake Reset, BMS Reset, TPMS Reset, Adblue Reset, Inject Reset, AFS Reset, and A/F Reset.

4.5 Full OBD2 Functions

The CRP129i V2.0 supports all 10 modes of OBD2 testing:

- **Read/Clear Codes:** Retrieve and erase Diagnostic Trouble Codes (DTCs).
- **Live Data Stream:** Display real-time data from vehicle sensors.
- **Freeze Frame Data:** View a snapshot of vehicle operating conditions when an emission-related fault occurs.
- **I/M Readiness:** Check the readiness of emission monitors.

- **O2 Sensor Test:** Retrieve O2 sensor monitor test results.
- **On-Board Monitor Test:** Retrieve results for emission-related powertrain components and systems.
- **Component Test:** Initiate a leak test for the vehicle's EVAP system.
- **Vehicle Information:** Retrieve VIN, Cal ID, and CVN.

4.6 Diagnostic Report Generation

After completing a diagnosis, the device can generate an automatic inspection report. This report can be printed or shared for record-keeping or client communication.

5. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device's screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Regularly check for and install software updates via Wi-Fi to ensure optimal performance and compatibility.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Store the device in a cool, dry place when not in use for extended periods.
- **Storage:** Store the device in its original packaging or a protective case to prevent damage.

6. TROUBLESHOOTING

6.1 Device Not Powering On

- Ensure the device is fully charged.
- Verify the power button is pressed and held for a few seconds.

6.2 Communication Error with Vehicle

- Check that the OBD-II connector is securely plugged into the vehicle's port.
- Ensure the vehicle's ignition is in the "ON" position (engine off).
- Verify the vehicle is OBD-II compliant (most vehicles from 1996 onwards).
- Try testing on a different vehicle to rule out a vehicle-specific issue.

6.3 Software Update Failure

- Ensure a strong and stable Wi-Fi connection.
- Check for sufficient storage space on the device.
- Restart the device and attempt the update again.

For persistent issues, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	CRP129i V2.0
Operating System	Android 8.1

Display	5-inch HD Touchscreen (720P)
Memory	2GB RAM + 32GB Storage
Battery	6100 mAh
Vehicle Coverage	Over 60 manufacturers, 1996-2024 models (US, EU, Asian)
Supported Languages	11 languages
Dimensions	27.5 x 21.5 x 8 cm
Weight	1.03 kilograms

WIDER COVERAGE

US,EU,ASIAN VEHICLES(1996-2024)

American Car

European Car

Asian Car

90+ GLOBAL BRANDS

FREE UPDATED

COVER 100,000 CAR MODELS

11 LANGUAGE

Image: The LAUNCH CRP129i V2.0 highlighting its extensive vehicle coverage across US, EU, and Asian models from 1996-2024, and support for 11 languages.

8. WARRANTY INFORMATION

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in the product packaging or contact customer support for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding the LAUNCH CRP129i V2.0, please contact our customer support team:

- **Email:** launchauthorized@163.com
- **Online Resources:** Visit the official LAUNCH website for FAQs, software downloads, and additional support materials.