

## LAUNCH CRP123I V2.0

# LAUNCH CRP123I V2.0 Elite OBD2 Scanner Instruction Manual

Model: CRP123I V2.0 | Brand: LAUNCH

## 1. INTRODUCTION

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The LAUNCH CRP123I V2.0 Elite OBD2 Scanner is a professional diagnostic tool designed for personal vehicle owners and automotive enthusiasts. It provides comprehensive diagnostic functions for four main systems: Engine, Anti-lock Braking System (ABS), Supplemental Restraint System (SRS), and Transmission. Additionally, it offers various reset services and full OBD2 modes to assist in vehicle maintenance and troubleshooting.



Figure 1: LAUNCH CRP123I V2.0 Elite OBD2 Scanner

## 2. WHAT'S IN THE BOX

Upon unboxing your LAUNCH CRP123I V2.0, please ensure all the following components are present:

- CRP123I V2.0 Scan Tool
- Main Cable (OBD2 connection cable)
- USB Cable (for charging and data transfer)
- Carrying Bag
- User Manual

# PACKAGE LIST



Gift Giving



Garage



Travelling



Figure 2: Package Contents

## 3. SETUP

Before initial use, it is recommended to fully charge the device and perform a software update to ensure optimal performance and compatibility with the latest vehicle models.

### 3.1. Charging the Device

The CRP123I V2.0 is equipped with a 6000mAh Lithium Ion battery. It can be charged via the provided USB cable connected to a power adapter or by plugging the main diagnostic cable into a vehicle's OBD2 port. The charging indicator light will be red when charging and turn green when fully charged.

### 3.2. Initial Power On and Wi-Fi Connection

Upon first power-on, the device will prompt you to select your language and time zone. A Wi-Fi connection is required for initial registration and software updates. The device supports 2.4GHz Wi-Fi networks. Connect to a stable Wi-Fi network using the touchscreen interface.

### 3.3. Software Update

The LAUNCH CRP123I V2.0 comes with lifetime free updates. After connecting to Wi-Fi, navigate to the



'Upgrade' icon on the main menu. The system will check for available updates. Select the functions you wish to update and proceed with the download and installation. It is highly recommended to update the software before performing any diagnostic operations.



Figure 3: Software Update Interface

## 4. OPERATING INSTRUCTIONS

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The LAUNCH CRP123I V2.0 is designed for user-friendly operation via its 5-inch touchscreen and physical buttons. Ensure the device is connected to the vehicle's OBD2 port before starting diagnostic procedures.

### 4.1. Connecting to the Vehicle

1. Locate the vehicle's 16-pin OBD2 diagnostic port (usually under the dashboard).
2. Plug the main diagnostic cable into the OBD2 port.
3. Turn the vehicle's ignition to the 'ON' position (engine can be off or running, depending on the test).
4. The scanner will power on automatically.



Figure 4: Connecting the Scanner

### 4.2. System Diagnostics (Engine, ABS, SRS, Transmission)

The CRP123I V2.0 can access and diagnose critical vehicle systems. From the main menu, select 'Diagnose'. The device will attempt to automatically identify the vehicle's VIN. If successful, it will proceed to the system selection. If not, you may need to manually select the vehicle make, model, and year.

# 4 IN 1 DIAGNOSTIC SCANNER

Quickly Locate the Fault Code and Erase It



Figure 5: 4-in-1 Diagnostic Scanner Overview

Once connected, you can choose to perform a 'System Scan' to check all supported systems or select individual systems (Engine, ABS, SRS, Transmission) for specific diagnostics. The scanner will read fault codes, display critical parameters, and allow you to clear codes after repairs.

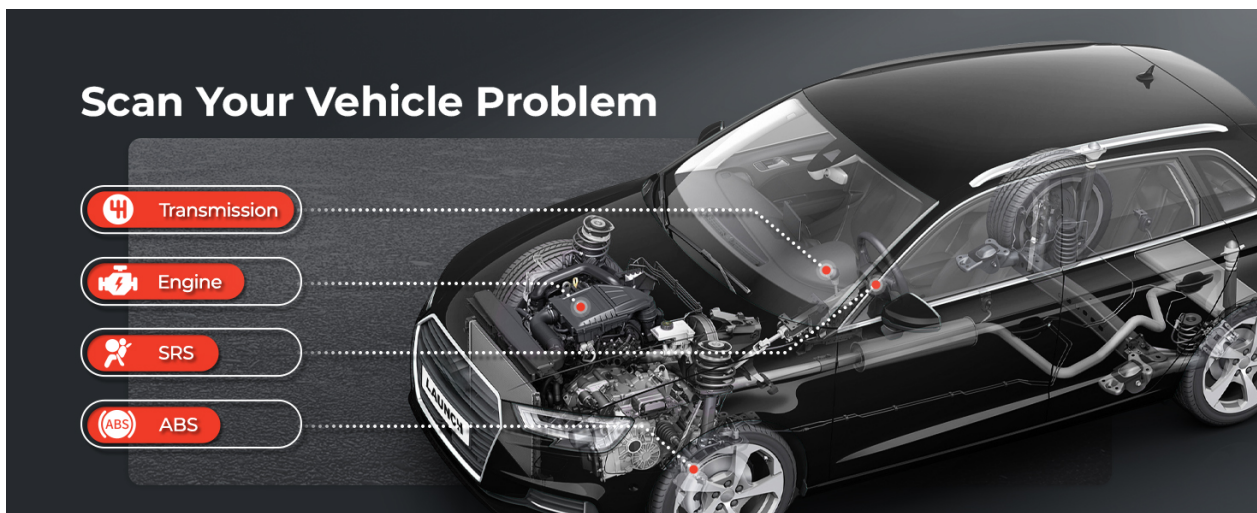


Figure 6: Vehicle System Scan Capabilities

## 4.3. Full OBD2 Modes

The device supports all 10 OBD2 test modes, allowing for comprehensive emission-related diagnostics:

- **Read Codes:** Display Diagnostic Trouble Codes (DTCs).
- **Erase Codes:** Clear DTCs and reset monitors.
- **I/M Readiness:** Check emission system readiness.
- **Live Data Stream:** View real-time data parameters.
- **Freeze Frame:** View snapshot data when a fault code is set.
- **O2 Sensor Test:** Retrieve O2 sensor monitor test results.
- **On-Board Monitor Test:** Retrieve results for emission-related powertrain components.
- **EVAP System Test:** Initiate a test of the vehicle's EVAP system.
- **Vehicle Information:** Retrieve VIN, Cal ID, CVN.
- **DTC Lookup:** Built-in DTC library for code definitions.



Figure 7: Full OBD2 Modes

#### 4.4. Live Data Stream

The Live Data Stream function allows you to view real-time data from various sensors and components. You can select specific parameters to monitor and display them in a 4-in-1 graphical format for easier analysis. This is particularly useful for identifying intermittent issues or verifying repairs.



Figure 8: Live Data Stream Interface

## 4.5. Reset Services

The CRP123I V2.0 offers 7 common reset services to facilitate routine maintenance:

- **Oil Reset:** Resets the engine oil life system.
- **SAS Reset:** Resets the Steering Angle Sensor.
- **Brake Reset (EPB):** Resets the Electronic Parking Brake.
- **Throttle Relearn:** Relearns the throttle body position.
- **DPF Regeneration:** Initiates Diesel Particulate Filter regeneration.
- **ABS Auto Bleed:** Performs automated bleeding procedure for ABS systems.
- **Battery Reset (BMS):** Registers new battery replacement and clears fault information.



# 7+ HOT RESET SERVICE

Easy to Meet your Diagnostic Needs

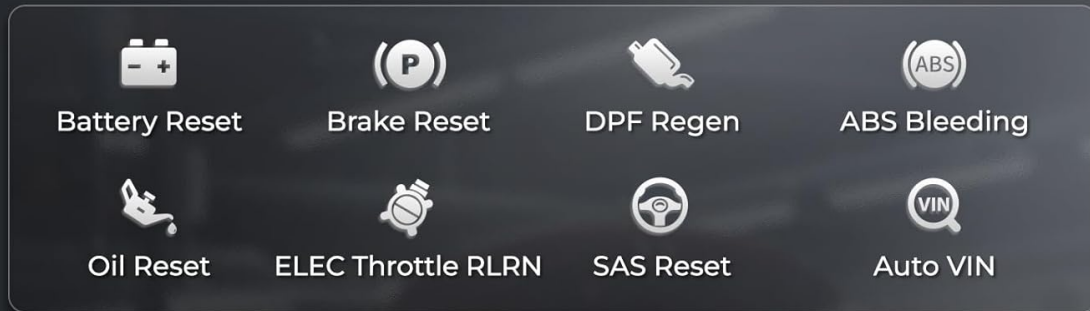


Figure 9: Available Reset Services

## 4.6. Auto-VIN Scan

The Auto-VIN function allows the scanner to automatically identify the vehicle's Vehicle Identification Number (VIN) for quick and convenient vehicle selection and diagnosis. This feature streamlines the diagnostic process by eliminating manual input.



# AUTOVIN, AUTO SCAN



Figure 10: Auto-VIN Scan

## 4.7. Health Report and Sharing

The scanner can generate a comprehensive health report of the vehicle's systems. This report can be printed or shared via email when the device is connected to the internet, allowing for easy record-keeping or sharing with a mechanic.



Figure 11: Generating and Sharing Diagnostic Reports

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your LAUNCH CRP123I V2.0 scanner, follow these

maintenance guidelines:

- Keep the device clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Store the device in its carrying bag when not in use to protect it from physical damage.
- Regularly update the software via Wi-Fi to ensure compatibility with new vehicle models and to receive performance enhancements.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.

## 6. TROUBLESHOOTING

If you encounter issues with your LAUNCH CRP123I V2.0, consider the following common troubleshooting steps:

- **Device not powering on:** Ensure the device is fully charged or properly connected to the vehicle's OBD2 port with the ignition on.
- **Communication error with vehicle:** Verify that the diagnostic cable is securely connected to both the scanner and the vehicle's OBD2 port. Ensure the vehicle's ignition is in the 'ON' position. Check for any other OBD communication components installed on the vehicle and remove them if present.
- **Software update issues:** Ensure a stable 2.4GHz Wi-Fi connection. If updates fail, try restarting the device and your Wi-Fi router.
- **Inaccurate readings:** Ensure the software is up-to-date. Verify the vehicle information (VIN, model year) is correctly identified by the scanner.

For persistent issues, please contact LAUNCH customer service at [autoscope@163.com](mailto:autoscope@163.com).

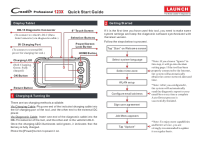
## 7. SPECIFICATIONS

Feature	Specification
Brand	LAUNCH
Model	CRP123I V2.0
Product Dimensions	11.02"L x 9.06"W x 3.54"H
Operating System	Android 8.1
Display Resolution	1280x900
Item Weight	2.27 pounds
Battery	1 Lithium Ion battery (included)
Automotive Fit Type	Universal Fit (99% US Vehicles after 1996)

## 8. WARRANTY AND SUPPORT

The LAUNCH CRP123I V2.0 comes with a lifetime warranty and lifetime free updates. This ensures your device remains current with the latest vehicle technologies and diagnostic protocols without additional cost. For any questions or technical assistance, please contact our 24/7 professional service team via email at [autoscope@163.com](mailto:autoscope@163.com). Please note that while the tool is compatible with many vehicle brands, vehicle logos indicate compatibility only and do not imply affiliation with automakers. For specific vehicle compatibility, it is recommended to confirm using your vehicle's year, model, and VIN before purchase.

## Related Documents - CRP123I V2.0

<p><b>50 Things You Must Know Before Purchase</b></p> <ol style="list-style-type: none"> <li>1. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>2. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>3. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>4. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>5. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>6. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>7. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>8. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>9. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> <li>10. Before purchasing, please read carefully with all the details. To avoid any unnecessary dispute, please check the product before you buy. Please check the product before you buy. Please check the product before you buy.</li> </ol>	<p><a href="#">LAUNCH CRP123X OBD2 Scanner: Key Information Before Purchase</a></p> <p>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.</p>
<p><b>FAQS for LAUNCH CRP123E</b></p> <p>Q1: What is the function of the LAUNCH CRP123E?</p> <p>A1: The LAUNCH CRP123E is a professional OBD2 scanner that can read and clear DTCs, perform live data monitoring, and more. It is suitable for most vehicles with OBD2 ports.</p> <p>Q2: How to connect the LAUNCH CRP123E to the vehicle?</p> <p>A2: Please refer to the user manual for the connection method. Generally, you need to connect the scanner to the OBD2 port of the vehicle.</p> <p>Q3: How to update the software of the LAUNCH CRP123E?</p> <p>A3: You can update the software via USB or Wi-Fi. Please refer to the user manual for the update method.</p> <p>Q4: How to use the LAUNCH CRP123E to read DTCs?</p> <p>A4: Please refer to the user manual for the operation method. Generally, you need to select the "Read DTCs" option in the software.</p> <p>Q5: How to use the LAUNCH CRP123E to clear DTCs?</p> <p>A5: Please refer to the user manual for the operation method. Generally, you need to select the "Clear DTCs" option in the software.</p>	<p><a href="#">LAUNCH CRP123E FAQs: Troubleshooting and Support</a></p> <p>Frequently Asked Questions for the LAUNCH CRP123E automotive diagnostic tool, covering updates, registration, language support, features, package contents, troubleshooting, and more.</p>
 <p>The image shows the cover of the LAUNCH Creader Professional 123X Quick Start Guide. It features a diagram of the device connected to a car's OBD2 port, along with various icons representing different diagnostic functions like reading codes, live data, and more.</p>	<p><a href="#">LAUNCH Creader Professional 123X Quick Start Guide</a></p> <p>A quick start guide for the LAUNCH Creader Professional 123X, detailing initial setup, charging, and basic diagnostic procedures.</p>
<p><b>LAUNCH Creader VII+ Upgrade Process</b></p> <p>Step 1: Download the upgrade software from the LAUNCH website.</p> <p>Step 2: Connect the Creader VII+ to the computer via USB.</p> <p>Step 3: Run the upgrade software and follow the prompts.</p> <p>Step 4: The software will automatically upgrade the device.</p> <p>Step 5: After the upgrade is complete, the device will restart.</p> <p>Step 6: The upgraded device will be ready for use.</p>	<p><a href="#">LAUNCH CReader VII+ Upgrade Process Guide</a></p> <p>A step-by-step guide on how to upgrade the LAUNCH CReader VII+ automotive diagnostic scanner tool using a TF card or USB cable. Includes software download, installation, and registration instructions.</p>
<p>V120.000 2019-11-18</p>	<p><a href="#">LAUNCH Creader VII+ &amp; Creader VIII User's Manual - Automotive Diagnostic Tool Guide</a></p> <p>Comprehensive user manual for LAUNCH Creader VII+ and Creader VIII automotive diagnostic scanners. Learn about OBD II diagnostics, system scanning (ABS, SRS, TCM, ENG), DTC reading/clearing, live data, safety precautions, and software updates.</p>



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[LAUNCH Creader Professional CRP123 User's Manual](#)

Comprehensive guide to the LAUNCH Creader Professional CRP123 automotive diagnostic tool, covering OBD II testing, DTC reading/clearing, live data graphing, special tests, and software updates.