

LAUNCH CRP129I V2.0

LAUNCH CRP129i V2.0 OBD2 Scanner Diagnostic Tool User Manual

INTRODUCTION

The LAUNCH CRP129i V2.0 is an advanced automotive diagnostic scan tool designed for comprehensive vehicle system analysis. It provides diagnostic functions for Engine, Transmission, Anti-lock Braking System (ABS), and Supplemental Restraint System (SRS), along with various reset and maintenance services. This manual provides instructions for the proper setup, operation, and maintenance of your device.

WHAT'S IN THE BOX

- 1* LAUNCH CRP129I V2.0 OBD2 Scanner
- 1* OBDII Diagnostic Cable
- 1 * DC 5V Charging Cable
- 1 * User Manual
- 1 * Storage Pack

SETUP

1. **Initial Charging:** Before first use, connect the device to the DC 5V Charging Cable and allow it to charge for approximately 8 hours. The device typically ships with no battery charge.
2. **Power On:** Press and hold the power button to turn on the device.
3. **Wi-Fi Connection:** Follow the on-screen prompts to connect the device to a Wi-Fi network. This is necessary for software updates. Initial updates may take up to 45 minutes to download and install automatically.
4. **Vehicle Connection:** Locate your vehicle's OBDII port, usually under the dashboard on the driver's side. Connect the OBDII Diagnostic Cable from the scanner to the vehicle's OBDII port. Ensure the vehicle's ignition is in the 'ON' position (engine can be off).

OPERATING INSTRUCTIONS

The CRP129i V2.0 features a touchscreen interface and physical navigation buttons for ease of use.

1. 4-System Diagnosis (Engine, Transmission, ABS, SRS)

This tool allows for comprehensive diagnostics across four critical vehicle systems. When a warning light

appears for any of these systems, the scanner can identify the root cause.

- **Engine System:** Retrieves fault codes (DTCs) and real-time sensor data related to engine performance, fuel supply, ignition, intake, and exhaust systems.
- **Transmission System:** Diagnoses issues related to engine power transmission to the wheels, including the transmission, clutch, and drive shafts. It can retrieve fault codes, check fluid levels, and inspect sensors.
- **ABS System:** Identifies problems within the anti-lock braking system, which prevents wheel lockup during emergency braking. Reads ABS-related fault codes and checks wheel speed and pressure sensors.
- **SRS System:** Reads and clears DTCs for the Supplemental Restraint System, addressing issues with airbags, seat belt pretensioners, and the SRS ECU.



12 MAINTENANCE SERVICES

Never Overpay for Car Repairs & Diagnostics Again

-  ABS Bleeding
-  Air/Fuel Reset
-  AdBlue Reset
-  AFS Headlamp Reset

 Oil Reset	 Battery Matching	 EPB Reset	 Throttle Adaptation
 TPMS Reset	 Injector Coding	 DPF Regen	 SAS Calibration

Image: LAUNCH CRP129i V2.0 displaying diagnostic options for Engine, Transmission, ABS, and SRS systems.



Image: Screen of LAUNCH CRP129i V2.0 showing system selection menu for Powertrain Control Module, Transmission Control Module, ABS, and Restraint Control Module.

2. 12 Reset Functions

The CRP129i V2.0 offers 12 essential reset and maintenance functions. Function availability may vary by vehicle model.

- **Oil Reset:** Resets the oil life system after an oil change.
- **DPF Regeneration:** Manages Diesel Particulate Filter regeneration.
- **TPMS Reset:** Resets Tire Pressure Monitoring System sensors.
- **ABS Bleeding:** Performs brake bleeding to restore ABS brake sensitivity.
- **Injector Coding:** Codes new injector numbers to the ECU.
- **Air/Fuel Reset:** Adjusts air/fuel ratio parameters.
- **Throttle Adaptation:** Relearns throttle body position.
- **BMS Reset:** Resets the Battery Management System.
- **SAS Calibration:** Calibrates the Steering Angle Sensor.
- **EPB Reset:** Resets the Electronic Parking Brake.
- **AFS Headlamp Reset:** Resets the Adaptive Front-lighting System.

- **AdBlue Reset:** Resets the urea system after maintenance.



Image: LAUNCH CRP129i V2.0 displaying 12 maintenance services.

3. Full OBD2 Functionality

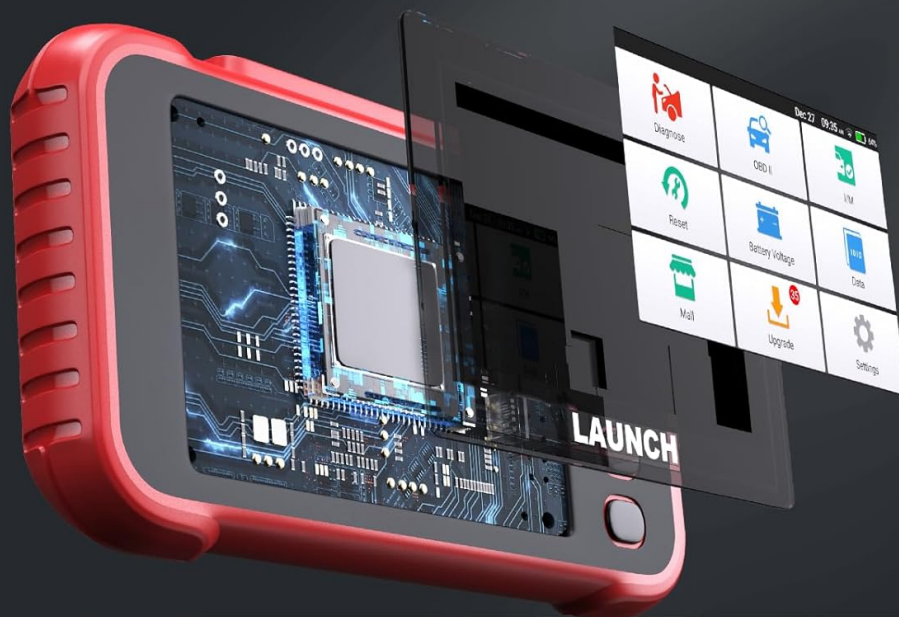
The scanner supports all 10 OBD2 modes, ensuring comprehensive emissions-related diagnostics for vehicles post-1996, including OBDII, EOBD, and CAN standards.

4. Real-Time Live Data & Battery Monitoring

View real-time data streams in a 4-in-1 merged graph format, including parameters like oil temperature, speed, and tire pressure. Data can be recorded, replayed, and shared via email. The integrated battery monitoring function assesses battery health and voltage levels.

UPGRADE VERSION OF HIGH-END HARDWARE

Professional, Faster, Smarter



Android OS 8.1

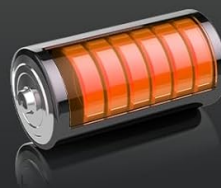


WIFI 2.4 GHz

2G
RAM



32G
ROM



6200MAH
BATTERY



LIFETIME
FREE UPDATE

Image: LAUNCH CRP129i V2.0 displaying a real-time data stream graph.



Image: LAUNCH CRP129i V2.0 displaying a battery voltage graph.

5. Auto VIN Scan & Diagnostic Reports

The device automatically identifies your vehicle's brand, model, and year via VIN scanning. After diagnosis, detailed reports can be viewed, shared, or printed for thorough analysis.

6. FCA AutoAuth Access

For 2017 and newer FCA (Chrysler, Jeep, Dodge, Fiat) vehicles with a Secure Gateway Module (SGW), the tool supports FCA AutoAuth for diagnostics and bidirectional features.



Image: The LAUNCH CRP129i V2.0 OBD2 Scanner Diagnostic Tool.

MAINTENANCE

- **Software Updates:** Regularly connect the device to Wi-Fi to download and install the latest software updates. This ensures optimal performance and compatibility with new vehicle models.
- **Cleaning:** Use a soft, dry cloth to clean the device's screen and exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the scanner in its provided storage pack in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

- **Device Not Powering On:** Ensure the device is fully charged or connected to the vehicle's OBDII port. Check the charging cable connection.
- **No Communication with Vehicle:** Verify the OBDII cable is securely connected to both the scanner and the vehicle's port. Ensure the vehicle's ignition is on. Check vehicle compatibility.
- **Update Issues:** Ensure a stable Wi-Fi connection. If updates fail, try restarting the device and your Wi-Fi.

router.

- **Inaccurate Readings:** Ensure the vehicle's VIN is correctly identified. Consult the vehicle's service manual for expected parameter values.

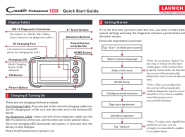


SPECIFICATIONS

Feature	Specification
Model	CRP129I V2.0
Operating System	Android OS 8.1
Item Weight	2.27 pounds
Package Dimensions	9.85 x 7.17 x 3.07 inches
Batteries	1 Lithium Ion battery required

WARRANTY AND SUPPORT

LAUNCH offers a 5-year warranty against manufacturer defects. For any issues or assistance, please contact LAUNCH customer support. For immediate concerns within the initial purchase period, refer to the retailer's return policy.

Related Documents - CRP129I V2.0

	<p>LAUNCH Creader Professional 123X Quick Start Guide</p> <p>A quick start guide for the LAUNCH Creader Professional 123X, detailing initial setup, charging, and basic diagnostic procedures.</p>
	<p>LAUNCH CRP123X OBD2 Scanner: Key Information Before Purchase</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>LAUNCH CRP919EBT FAQs and Troubleshooting Guide</p> <p>Frequently Asked Questions and troubleshooting steps for the LAUNCH CRP919EBT diagnostic scan tool, covering software updates, registration, password reset, and common issues.</p>

<p>FAQs for LAUNCH CRP919X BT</p> <p>Q: I connected LAUNCH TSC4 USA but didn't receive support. A: You can contact us directly via email or our Customer Service Team at support@launchusa.com. Please note that our products are original from LAUNCH TSC4 (USA, LLC). For headquarters of LAUNCH, please LAUNCH TSC4 (USA, LLC) branch in the USA, we are competent and they do not provide after-sales service for products purchased and used here to reach out to us for any assistance.</p> <p>Q: My CRP919X BT won't charge or turn on. A: You can try troubleshooting the scanner and use the original USB cable for charging. Press the power and volume "+" buttons simultaneously until the tablet vibrates, entering "Fast Boot". Select the Recovery mode that is waiting the volume buttons, confirm with the power button. Choose "Wipe data/factory reset" and then "Wipe cache partition." Confirm each step with "Yes". Afterwards, power off and then turn back power on the device.</p> <p>Q: How do I register the CRP919X BT? A: To register, select "New Registration." Follow the steps to create an account, and submit the VCI. Use the password envelope included in the package.</p>	<p>LAUNCH CRP919X BT: FAQs, Troubleshooting, and Support</p> <p>Comprehensive FAQs for the LAUNCH CRP919X BT automotive diagnostic tool. Find answers on setup, software updates, language settings, troubleshooting charging issues, and more.</p>
<p>FAQs for LAUNCH CRP123E plus</p> <p>Q: How to update the VCI? A: You can update the VCI by connecting it to a computer and using the update software provided in the package. Q: How to update the software? A: You can update the software by connecting the scanner to a computer and using the update software provided in the package. Q: How to register the device? A: You can register the device by connecting it to a computer and using the registration software provided in the package. Q: How to troubleshoot the device? A: You can troubleshoot the device by connecting it to a computer and using the troubleshooting software provided in the package.</p>	<p>LAUNCH CRP123E Plus Elite: Frequently Asked Questions and Product Information</p> <p>Comprehensive FAQs for the LAUNCH CRP123E Plus Elite diagnostic scanner, covering updates, registration, language support, full system diagnostics, special functions, package contents, troubleshooting, vehicle compatibility, and purchasing options. Learn how to get the most out of your automotive diagnostic tool.</p>
<p>LAUNCH CReader VII+ Upgrade Process</p> <p>Q: How to upgrade the VCI? A: You can upgrade the VCI by connecting it to a computer and using the update software provided in the package. Q: How to upgrade the software? A: You can upgrade the software by connecting the scanner to a computer and using the update software provided in the package. Q: How to register the device? A: You can register the device by connecting it to a computer and using the registration software provided in the package. Q: How to troubleshoot the device? A: You can troubleshoot the device by connecting it to a computer and using the troubleshooting software provided in the package.</p>	<p>LAUNCH CReader VII+ Upgrade Process Guide</p> <p>A step-by-step guide on how to upgrade the LAUNCH CReader VII+ automotive diagnostic scan tool using a TF card or USB cable. Includes software download, installation, and registration instructions.</p>