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#### **LAUNCH CRP129X**

# LAUNCH CRP129X V2.0 Elite OBD2 Scanner User Manual

Model: CRP129X

## INTRODUCTION

The LAUNCH CRP129X V2.0 Elite OBD2 Scanner is a professional-grade diagnostic tool designed for comprehensive vehicle system analysis and maintenance. This device offers advanced diagnostic capabilities, including 12 reset service functions, 4-system diagnostics (Engine, ABS, SRS, Transmission), live data streaming, and wide vehicle compatibility. It is an upgraded version of the CRP123X, featuring enhanced hardware and software for improved performance and user experience.



Image: The LAUNCH CRP129X V2.0 Elite OBD2 Scanner, showcasing its compact design and user interface.

## WHAT'S IN THE BOX

The LAUNCH CRP129X V2.0 Elite package includes the following components:

- Creader Professional 129X handset
- OBD II diagnostic cable
- DC 5V charging cable
- User manual
- · Carrying bag

Follow these steps for initial setup of your LAUNCH CRP129X V2.0 Elite scanner:

- 1. **Power On:** Press and hold the power button to turn on the device.
- 2. Language Selection: Upon first boot, select your preferred language from the available options.
- 3. **Time Zone Configuration:** Set the correct time zone for your region.
- 4. **Network Connection:** Connect the device to a Wi-Fi network to enable software updates and online features.
- 5. **Software Update:** Navigate to the 'Upgrade' menu and perform a one-click Wi-Fi update to ensure you have the latest software, bug fixes, and vehicle model coverage. This process adds newer functions and models, ensuring smoother operation.



Image: The scanner's interface showing the one-click Wi-Fi update process, highlighting the ease of keeping the device current.

## **Key Features and Diagnostic Capabilities**

The LAUNCH CRP129X V2.0 Elite functions as a versatile diagnostic tool, providing comprehensive analysis for various vehicle systems.



Image: A visual comparison highlighting the advanced features of the CRP129X V2.0 Elite, such as 12 service functions, Android OS, AutoAuth, and lifetime free upgrades.

#### 12 Service Functions

The scanner offers 12 essential OE-level service functions to address common vehicle maintenance needs:

- Oil Reset: Closes the oil service light and resets service mileage/interval after oil change.
- Steering Angle Calibration (SAS Reset): Performs calibration for the Steering Angle Sensor and clears fault memory.
- Electronic Parking Brake (EPB) Reset: Resets the electronic parking brake for safe braking.
- TPMS Reset: Resets TPMS sensor IDs and tests sensors.
- Throttle Adaptation: Initializes throttle actuators for accurate throttle operation.
- Diesel Particulate Filter (DPF) Regeneration: Performs DPF component replacement teach-in and regeneration.
- Injector Coding: Codes new injector numbers after replacement.
- Battery Management System (BMS) Reset: Resets vehicle battery for clearing fault information and rematching.
- Adblue Reset: Performs reset after replacing or filling diesel exhaust fluid (urea).
- **Headlamp Matching:** Initializes the adaptive headlight system.
- Air/Fuel (A/F) Reset: Applied to set or learn air/fuel rate parameters.
- ABS Bleeding: Performs auto bleed procedure on brake pump-equipped vehicles.



Image: A visual representation of the 12 hot service functions available on the CRP129X V2.0 Elite.

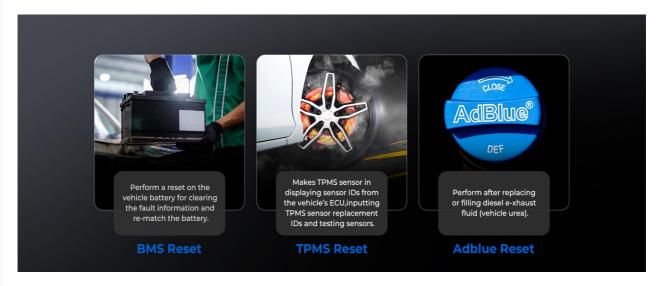


Image: Detailed illustrations of Oil Reset, EPB Reset, and SAS Reset functions.

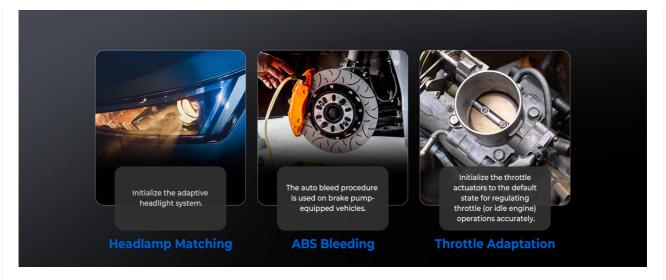


Image: Detailed illustrations of BMS Reset, TPMS Reset, and Adblue Reset functions.

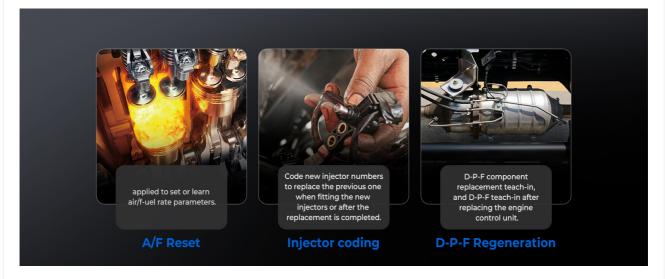


Image: Detailed illustrations of Headlamp Matching, ABS Bleeding, and Throttle Adaptation functions.



Image: Detailed illustrations of A/F Reset, Injector Coding, and DPF Regeneration functions.

## **4-System Diagnostic Scan Tool**

The CRP129X V2.0 Elite provides comprehensive diagnostics for four core vehicle systems:

- Engine System: Reads and clears engine fault codes, checks I/M readiness for emission tests, and displays live data.
- ABS System: Diagnoses Anti-lock Braking System issues, reads and clears ABS fault codes.

- SRS System: Diagnoses Supplemental Restraint System (Airbag) issues, reads and clears SRS fault codes.
- Transmission System: Diagnoses automatic transmission issues, reads and clears transmission fault



Image: The scanner's display showing options for Engine, SRS, Transmission, and ABS system diagnostics.



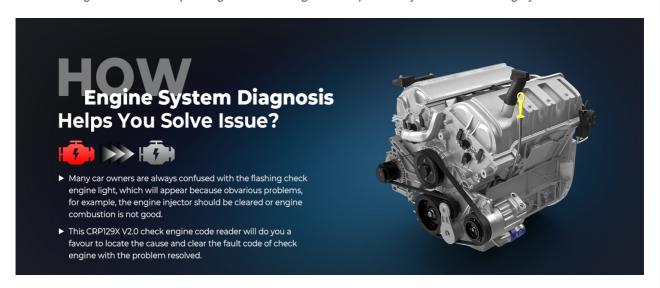


Image: Illustration explaining how SRS diagnosis helps identify and clear airbag system faults.



Image: Illustration explaining how engine system diagnosis helps identify and clear check engine light issues.

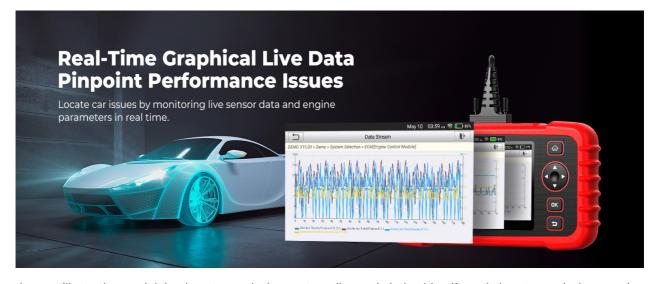


Image: Illustration explaining how transmission system diagnosis helps identify and clear transmission warning lights.

## **Live Data Stream and Battery Voltage Monitoring**

The device allows for real-time monitoring of vehicle parameters through live data streams, which can be displayed graphically for easier analysis. It also provides real-time battery voltage graphing to assess battery

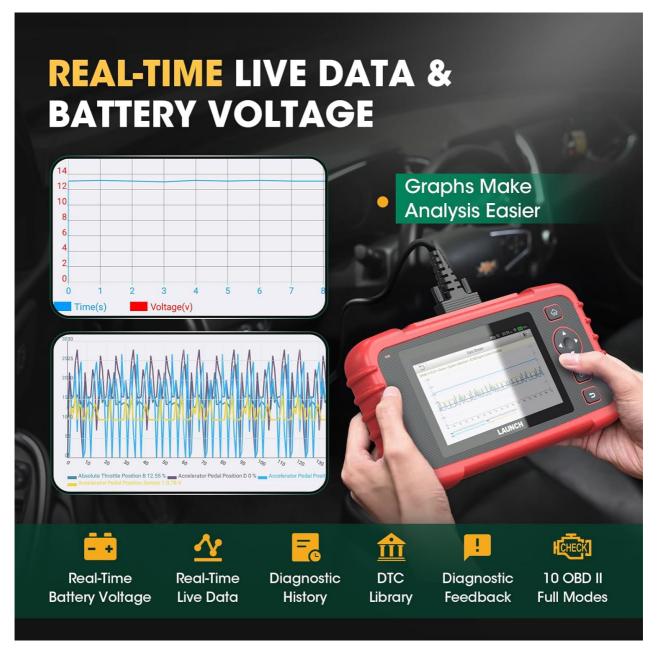


Image: The scanner displaying real-time live data and battery voltage graphs for detailed analysis.

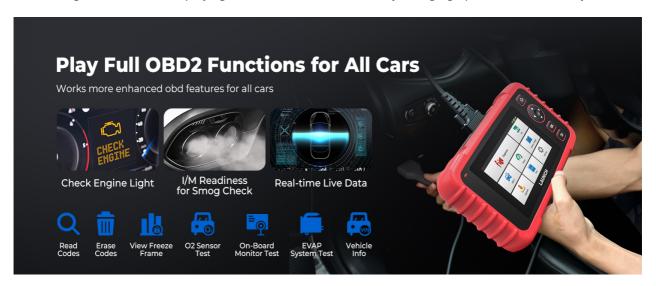


Image: The scanner connected to a vehicle, displaying real-time battery voltage monitoring.

The Auto VIN feature enables quick vehicle system access by automatically decoding the Vehicle Identification Number (VIN). If automatic VIN detection takes too long, manual VIN input is supported. The scanner can generate a comprehensive vehicle health report with one-click, which can be shared for analysis. It also stores running parameters and waveform graphs for diagnostic records.



Image: The scanner's screen showing options for Auto VIN, Diagnostic Report, and Feedback features.





Image: Screenshots of the diagnostic report, feedback mechanism, and DTC library within the scanner's interface.

## FCA AutoAuth and Vehicle Coverage

The CRP129X V2.0 includes FCA AutoAuth functionality, enabling access to compatible 2018+ Fiat, Chrysler, Alfa Romeo, Dodge, and Jeep vehicles. The tool supports over 60 car brands, covering OBD2/EOBD/JOBD vehicles mostly manufactured after 1996, offering wide vehicle compatibility across American, Asian, European, and Australian markets.



## 90+ Brands Coverage, Keep Updating



**1996-2025** Worldwide

LIFETIME Free Use

Image: The scanner's display showing a list of supported car brands and regions, indicating wide vehicle coverage.



Image: A world map illustrating the extensive vehicle coverage across America, Europe, Asia, and other regions.



Image: Illustration showing the FCA AutoAuth feature, enabling secure gateway access for compatible vehicles.

#### MAINTENANCE

To ensure optimal performance and access to the latest features, regular software updates are recommended. The LAUNCH CRP129X V2.0 Elite supports one-click Wi-Fi updates, which can be performed directly from the device. These updates provide bug fixes, optimize existing functions, and add support for new vehicle models and features.



Image: The scanner's screen showing the one-click Wi-Fi update process, emphasizing ease of use and benefits like faster operation and new functions.

#### **TROUBLESHOOTING**

This section addresses common issues and provides solutions for the LAUNCH CRP129X V2.0 Elite scanner.

#### **Common Issues and Solutions**

• Device will not turn on: Ensure the battery is charged. The device includes a Lithium Polymer battery.

- OBD connector not detected: Please ensure the OBD connector is securely connected to the vehicle's OBD-II port.
- Auto VIN takes too long: While Auto VIN is available for most cars, if it takes an extended period,
  please input the VIN manually.
- **Incompatibility or defective issues:** If you encounter incompatibility or defective issues, provide your serial number, vehicle model, year, and VIN to technical support for assistance.
- Purchasing functions in the 'Mall' menu: Functions available in the 'Mall' menu are optional add-ons. The core functions of the CRP129X are lifetime free. Purchased functions from the 'Mall' menu typically have a limited free usage period (e.g., 1 year) and may require re-purchase. Always confirm compatibility before purchasing additional functions.

## **Frequently Asked Questions (FAQs)**

- What should I do if the received product is broken or used? If you receive a broken or used item, please contact support for a replacement.
- Will the topology map work after two years free upgrade? Yes, the topology map functionality will continue to work. Updates primarily focus on bug fixes, optimization, new functions, and new models.
- Who should I contact to solve my problem? Please connect via the email provided in the support section.



- Is this car scanner compatible with all cars?
- The reset functions are specific to models. 4 systems diagnoses are mainly for vehicles from 2006-2025; OBDII full functions are for cars after 1996. Please consult us via <code>ITech\_Launchoriginal@outlook.comI</code> to confirm copalibility.
- Is there a charging adapter included?
- No, you can use a phone adapter or other adaptable charging adapters.
- Do I need to pay for the functions in the "MALL"?
- Yes, you can purchase on-demand to expand other functions not supported by this product, and you can use it for free for I year after purchase.
- Ones it support free lifetime upgrades?
- For the functions that come with this scanner, yes; For purchased functions from the "MALL" menu, it does not.



## **SPECIFICATIONS**

Feature	Detail
Brand	LAUNCH
Model	CRP129X
Operating System	Android
Item Weight	1.3 pounds
Product Dimensions	7.83 x 4.11 x 4.11 inches
Batteries	1 Lithium Polymer batteries required (included)
Display	5-inch Touchscreen
Memory (ROM)	16GB
Battery Capacity	6100mAh

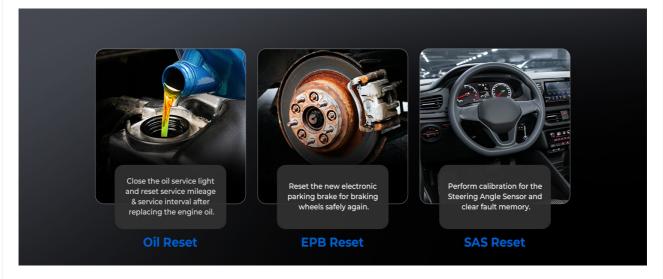


Image: A graphic summarizing the key hardware specifications of the CRP129X V2.0 Elite, including processor, memory, battery, and screen size.

## WARRANTY AND SUPPORT

The LAUNCH CRP129X V2.0 Elite comes with a 5-year brand warranty, lifetime free software updates, and lifetime technical support. For any questions or assistance, please contact:

Email: Tech\_Launchoriginal@outlook.com Support is available 24/7/365.



Image: A graphic illustrating the commitment to customer support, including free software updates, lifetime tech support, 24/7 service, and a 5-year warranty.

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#### Documents - LAUNCH - CRP129X

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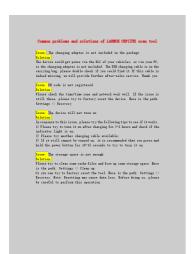


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Common problems and solutions of LAUNCH **CRP129X** scan tool Issue: The charging adapter is not included in the package Solution: The device could get power via the DLC of your vehicles, or via your PC, so the charging adapter is not included. The USB charging cable is in the carrying bag, please doubl...

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