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## LAUNCH CRP919X Lite

# LAUNCH CRP919X Lite Diagnostic Scan Tool User Manual

Model: **CRP919X Lite** | Brand: **LAUNCH**

## 1. Introduction

This manual provides detailed instructions for the operation and maintenance of your LAUNCH CRP919X Lite diagnostic scan tool. It is designed to assist users in effectively utilizing the device's features for vehicle diagnostics, maintenance, and repair. Please read this manual thoroughly before operating the device.

*Image 1.1: The LAUNCH CRP919X Lite diagnostic scan tool and its protective carrying case.*

## 2. Product Overview and Key Features

The LAUNCH CRP919X Lite is an advanced OBD2 diagnostic scan tool designed for comprehensive vehicle analysis. It offers a range of functionalities to assist in identifying and resolving automotive issues.

### Key Features:

- **OE-Level All System Diagnostics:** Access and diagnose all available electronic control units (ECUs) in a vehicle.
- **Bi-directional Active Tests:** Perform active tests to command vehicle components and verify system integrity.
- **32+ Special Reset Functions:** Execute various maintenance and service functions, including Oil Reset, ABS Bleeding, Brake Pad Reset, and more.
- **FCA AutoAuth Service:** Provides secure diagnostic access for 2018 and newer FCA (Fiat Chrysler Automobiles) vehicles.
- **AutoVIN & AutoScan:** Automatically identify vehicle information and perform a full system scan for quick diagnostics.

- **2 Years Free Software Updates:** Ensures the tool remains current with the latest vehicle models and diagnostic capabilities.
- **Multi-language Support:** Operates in 11 different languages for global usability.
- **Expandable Functionality:** Compatible with optional modules like TSGUN for TPMS and BST360 for battery testing.

*Image 2.1: Summary of the LAUNCH CRP919X Lite's core diagnostic capabilities.*

## 3. What's in the Box

Upon unboxing your LAUNCH CRP919X Lite, verify that all the following components are present:

- Main Unit (CRP919X Lite Tablet)
- DC Charging Cable
- OBDII Cable
- Power Adapters (US/UK/EU)
- Blow-Molding Carrying Box
- Quick Start Guide
- User Manual (this document)

*Image 3.1: All items included in the LAUNCH CRP919X Lite product package.*

## 4. Specifications

Technical specifications of the LAUNCH CRP919X Lite:

- **Operating System:** Android 8.1
- **CPU:** 4-Core, 1.3GHz
- **RAM:** 2GB
- **ROM:** 32GB
- **Screen:** 7-inch Touchscreen, 1024x600 resolution
- **Battery:** 6000mAh (up to 13 hours use)
- **Product Dimensions:** 13"L x 10"W x 5"H
- **Item Weight:** 5.88 pounds
- **Connectivity:** OBDII Cable (for stable connection), Wi-Fi
- **Automotive Fit Type:** Universal Fit

*Image 4.1: Detailed technical specifications of the CRP919X Lite.*

## 5. Setup Guide

### 5.1 Initial Device Setup

1. **Charge the Device:** Connect the DC charging cable to the CRP919X Lite and plug the adapter into a power outlet. Allow the device to fully charge before first use.
2. **Power On:** Press and hold the power button until the screen illuminates.
3. **Language Selection:** Follow the on-screen prompts to select your preferred language.
4. **Wi-Fi Connection:** Connect the device to a stable Wi-Fi network. This is essential for software updates and accessing online resources.
5. **Registration:** Complete the product registration process as prompted.

### 5.2 Connecting to a Vehicle

1. Locate the vehicle's OBDII diagnostic port, typically found under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is in the 'ON' position (engine can be off or running, depending on the

diagnostic task).

3. Connect the OBDII cable to the diagnostic port on the vehicle and to the CRP919X Lite device.
4. The device will automatically attempt to establish communication with the vehicle.

## 6. Operating Instructions

### 6.1 AutoVIN and AutoScan

After connecting to the vehicle, the CRP919X Lite can automatically identify the vehicle's VIN (Vehicle Identification Number) and initiate a comprehensive scan of all available systems. This feature is supported for most vehicles manufactured from 2006 onwards.

- From the main menu, select 'Diagnose'.
- Choose 'AutoVIN' or 'Scan VIN/License' to allow the tool to automatically detect vehicle information.
- Once the VIN is identified, select 'AutoScan' to perform a full system diagnostic scan.

*Image 6.1: The AutoVIN and AutoScan function streamlines vehicle identification and initial diagnostics.*

### 6.2 OE-Level All System Diagnostics

The tool can access and diagnose all electronic systems within the vehicle, including Engine, Transmission, ABS, Airbag, TPMS, Body Control Module, and more.

- **Read/Clear DTCs:** View diagnostic trouble codes (DTCs) and their descriptions, then clear them after repairs.
- **View Live Data:** Monitor real-time data streams from various sensors and components in text or graph format.
- **ECU Information:** Retrieve detailed information about the vehicle's Electronic Control Units.
- **Diagnostic Report:** Generate and save comprehensive diagnostic reports, which can be printed or shared.

*Image 6.2: The CRP919X Lite provides comprehensive OE-level diagnostics across all vehicle systems.*

*Image 6.3: Real-time graphic display of multiple data parameters for in-depth analysis.*

## 6.3 Bi-directional Control (Active Tests)

Bi-directional control allows the diagnostic tool to send commands to vehicle components and receive feedback, enabling technicians to test the functionality of actuators and sensors directly. This helps in quickly pinpointing faulty components.

- **Examples of Active Tests:** Turn on/off radiator fan, cycle ABS pump, open/close windows, operate mirrors, test fuel pump, activate lights, and more.
- To perform an active test, navigate to the 'Active Test' menu within the diagnostic software for the specific vehicle system.

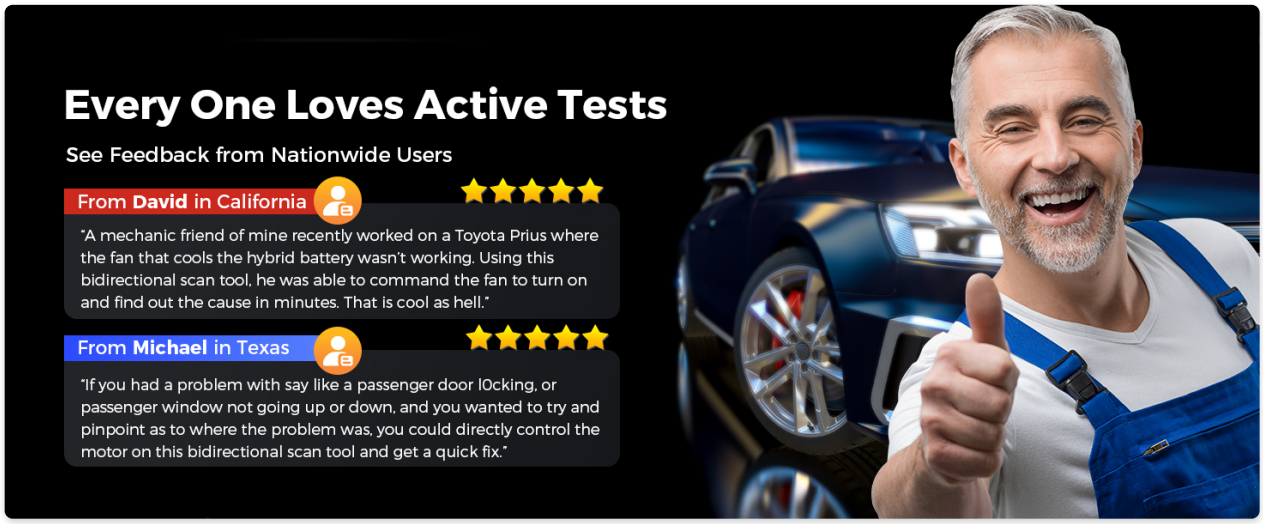


*Image 6.4: Bi-directional control enables direct interaction with vehicle components for testing.*

## 6.4 Special Functions (Resets & Adaptations)

The CRP919X Lite supports over 32 special functions for various maintenance and service tasks. These functions assist in resetting service lights, calibrating components, and performing adaptations after repairs.

- **Oil Reset:** Reset the oil service light after an oil change.
- **ABS Bleeding:** Perform brake bleeding procedures for ABS systems.
- **Brake Pad Reset:** Reset the electronic parking brake (EPB) system after brake pad replacement.
- **Steering Angle Reset:** Calibrate the steering angle sensor.
- **TPMS Reset:** Reset the Tire Pressure Monitoring System.
- **Throttle Adaptation:** Relearn throttle body position.
- **Injector Coding:** Code new injector numbers to the ECU.
- **Battery Management System (BMS) Reset:** Register new battery replacement.
- And many more, depending on vehicle make and model.

*Image 6.5: A selection of the 32+ special functions offered by the CRP919X Lite.*

## 6.5 FCA AutoAuth Service

For 2018 and newer FCA vehicles (Fiat, Chrysler, Alfa Romeo, Dodge, Jeep, etc.), the CRP919X Lite supports secure gateway (SGW) access via AutoAuth. This allows the tool to perform advanced diagnostics, active tests, and resets that would otherwise be blocked by the vehicle's security system.

1. Register an AutoAuth account.
2. Select the tool type (LAUNCH CRP919X Lite) within your AutoAuth account.
3. An annual fee may be required by AutoAuth for access.
4. Register your shop or technician details.
5. Once registered and authorized, the CRP919X Lite can perform full diagnostics on FCA SGW vehicles.

*Image 6.6: Process for enabling FCA SGW access through AutoAuth.*

## 6.6 Software Updates

The CRP919X Lite includes 2 years of free software updates. Regular updates ensure compatibility with new vehicle models, introduce new diagnostic features, and provide bug fixes for optimal performance.

1. Ensure the device is connected to a stable Wi-Fi network.
2. From the main menu, select 'Upgrade'.
3. The system will check for available updates. Select the software you wish to update.
4. Follow the on-screen prompts for a one-touch update process.

*Image 6.7: The software update interface, highlighting the 2 years of free updates.*

## 6.7 Expansion Modules

The CRP919X Lite can be paired with optional expansion modules to extend its diagnostic capabilities:

- **TSGUN:** For complete TPMS (Tire Pressure Monitoring System) features, including activating/relearning most sensors and programming LAUNCH sensors.
- **BST360:** For battery health status checks, State of Health (SOH), State of Charge (SOC), and cranking tests.

*Image 6.8: The CRP919X Lite can integrate with TSGUN and BST360 for expanded functionality.*

## 7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your LAUNCH CRP919X Lite.

- **Cleaning:** Use a soft, damp cloth to clean the device's screen and exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in its protective carrying case when not in use to prevent damage from dust, drops, or impacts. Keep it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to approximately 50-70%.
- **Software Updates:** Regularly perform software updates as described in Section 6.6 to ensure the device has the latest vehicle coverage and features.
- **Cable Inspection:** Periodically inspect the OBDII cable and charging cable for any signs of wear or damage. Replace if necessary.

## 8. Troubleshooting

If you encounter issues with your CRP919X Lite, refer to the following common troubleshooting steps:

- **Device Not Powering On:**
  - Ensure the battery is sufficiently charged. Connect the device to the charger and allow it to charge for at least 30 minutes.
  - Try holding the power button for a longer duration (10-15 seconds).
- **No Communication with Vehicle:**
  - Verify that the OBDII cable is securely connected to both the vehicle's diagnostic port and the CRP919X Lite.
  - Ensure the vehicle's ignition is in the 'ON' position.

- Check if the vehicle's battery voltage is adequate (typically above 12V).
- Try connecting to a different vehicle to rule out a vehicle-specific issue.

- **Software Update Failure:**
  - Ensure a stable and strong Wi-Fi connection.
  - Check for sufficient storage space on the device.
  - Restart the device and attempt the update again.
- **Screen Unresponsive:**
  - Perform a hard reset by holding the power button until the device shuts down, then restart it.

If these steps do not resolve the issue, please contact customer support for further assistance.

## 9. Warranty and Support

The LAUNCH CRP919X Lite is a genuine LAUNCH product. We are committed to providing high-quality products and excellent after-sales service.

- **Software Updates:** Your device includes 2 years of free software updates from the date of purchase.
- **Customer Support:** For any problems or questions regarding the use of your LAUNCH CRP919X Lite, please contact our customer service team.

**Customer Support Contact:**
Phone: **1-888-756-2936** (Monday-Friday, 9:00 AM – 6:00 PM EST)

We are available to help with your inquiries and ensure your satisfaction.

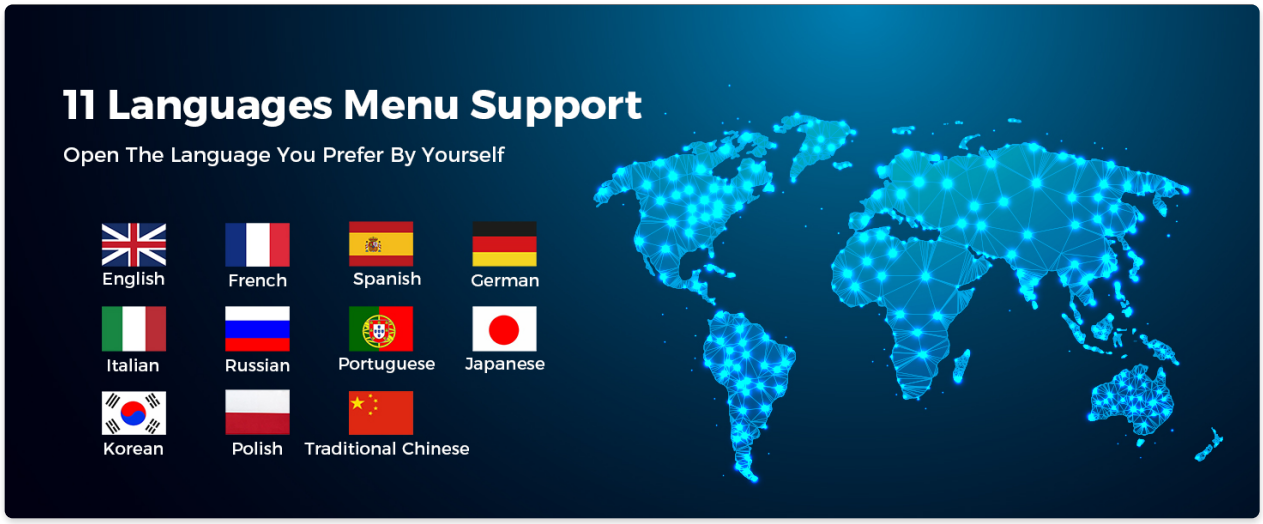


*Image 9.1: Access to an online repair database for additional technical resources.*

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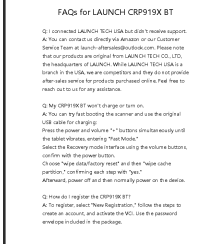
**Related Documents - CRP919X Lite**


FAQs for LAUNCH CRP919X BT

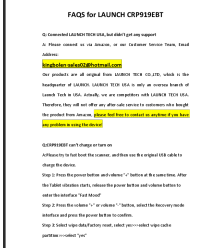
Q: I connected LAUNCH TECH USA but didn't receive support.
A: You can contact us directly via Amazon or our Customer Service Team at launch.aftersales@outlook.com. Please note that our products are original from LAUNCH TECH CO., LTD., the headquarters of LAUNCH. While LAUNCH TECH USA is a branch in the USA, we are competitors and they do not provide after-sales service for products purchased online. Feel free to reach out to us for any assistance.

Q: My CRP919X BT won't charge or turn on.
A: You can try hard booting the scanner and use the original USB cable for charging:
Press the power and volume "+" buttons simultaneously until the tablet vibrates, entering "Fast Mode."
Select the Recovery mode interface using the volume buttons, confirm with the power button.
Choose "wipe data/factory reset" and then "wipe cache partition," confirming each step with "yes."
Afterward, power off and then normally power on the device.

Q: How do I register the CRP919X BT?
A: To register, select "New Registration," follow the steps to create an account, and activate the MO. Use the password envelope included in the package.

[LAUNCH CRP919X BT: FAQs, Troubleshooting, and Support]

Comprehensive FAQs for the LAUNCH CRP919X BT automotive diagnostic tool. Find answers on setup, software updates, language settings, troubleshooting charging issues, and more.

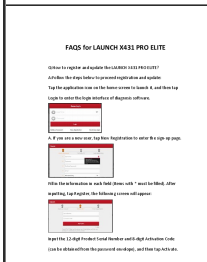

FAQS for LAUNCH CRP919EBT

Q: Connected LAUNCH TECH USA, but didn't get any support
A: Please connect us via Amazon, or our Customer Service Team, Email Address:
kingbolen-sales02@hotmail.com
Our product are all original from LAUNCH TECH CO.,LTD. which is the headquarter of LAUNCH. LAUNCH TECH USA is only an oversea branch of Launch Tech in USA. Actually, we are competitors with LAUNCH TECH USA. Therefore, they will not offer any after-sale service to customers who bought the product from Amazon. Please feel free to contact us anytime if you have any problem in using the device!

Q:EQUIPMENT can't charge or turn on
A:Please try to hard boot the scanner, and then use the original USB cable to charge the device.
Step 1: Press the power button and volume "+" button at the same time. After the Tablet vibrates starts, release the power button and volume button to enter the interface "Fast Mood"
Step 2: Press the volume "+" or volume "-" button, select the Recovery mode interface and press the power button to confirm.
Step 3: Select wipe data/factory reset, select yes>>select wipe cache partition >>select "yes"

[LAUNCH CRP919EBT FAQs and Troubleshooting Guide]

Frequently Asked Questions and troubleshooting steps for the LAUNCH CRP919EBT diagnostic scan tool, covering software updates, registration, password reset, and common issues.


FAQS for LAUNCH X431 PRO ELITE

Q:How to register and update the LAUNCH X431 PRO ELITE?
A:Follow the steps below to proceed registration and update:
Tap the application icon on the home screen to launch it, and then tap Login to enter the login interface of diagnosis software.

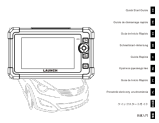
A: If you are a new user, tap New Registration to enter the sign-up page.

Fill in the information in each field (items with * must be filled). After inputting, tap Register, the following screen will appear:

Input the 12-digit Product Serial Number and 8-digit Activation Code (can be obtained from the password envelope), and then tap Activate.

[LAUNCH X431 PRO ELITE FAQs and User Guide]

Frequently asked questions and guidance for the LAUNCH X431 PRO ELITE automotive diagnostic tool, covering registration, updates, subscriptions, troubleshooting, and features.



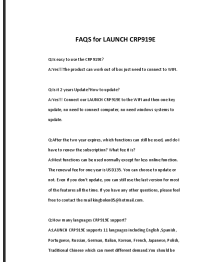
[LAUNCH X431 CRP919X Quick Start Guide]

A concise guide to getting started with the LAUNCH X431 CRP919X diagnostic tool, covering components, setup, and basic diagnostics.

Version: V1.00.000
Revised date: 04/24/2020

[LAUNCH X431 PRO DYNO User Manual]

Comprehensive user manual for the LAUNCH X431 PRO DYNO OBD2 diagnostic scan tool, covering features like intelligent diagnosis, local diagnosis, remote diagnosis, service functions, software updates, and toolbox modules. Includes safety precautions and FCC statements.


FAQS for LAUNCH CRP919E

Q:Is easy to use the CRP919E?
A:Yes!!! The product can work out of box just need to connect to VIM.

Q:Is it 2 years Update?How to update?
A:Yes!!! Connect our LAUNCH CRP919E to the VIM and then one key update, no need to connect computer, no need windows systems to update.

Q:After the two year expires, which functions can still be used, and do I have to renew the subscription? What fee is it?
A:Most functions can be used normally except for key subscription. The renewal fee for one year is US$135. You can choose to update or not. Even if you don't update, you can still use the last version for most of the features all the time. If you have any other questions, please feel free to contact the mail kingbolen05@hotmail.com.

Q:How many languages CRP919E support?
A:LAUNCH CRP919E supports 11 languages including English ,Spanish , Portuguese, Russian, German, Italian, Korean, French, Japanese, Polish, Traditional Chinese which can meet different demand.You should be

[LAUNCH CRP919E FAQs: Your Guide to Advanced Automotive Diagnostics]

Frequently Asked Questions about the LAUNCH CRP919E OBD2 scanner, covering usage, updates, features like bidirectional control, ECU coding, special services, and troubleshooting.