

## LAUNCH YZB23-1

# LAUNCH Creader Elite 2.0 OBD2 Diagnostic Tool User Manual

Model: YZB23-1

## 1. INTRODUCTION

The LAUNCH Creader Elite 2.0 is a professional OBD2 diagnostic tool designed for BMW, Mercedes-Benz, and Audi group vehicles. It offers comprehensive system diagnostics, advanced reset services, bi-directional control (active tests), and ECU coding capabilities. This manual provides essential information for operating and maintaining your device.

## 2. SAFETY INFORMATION

- Always perform automotive testing in a well-ventilated area.
- Wear eye protection and safety gloves when working on vehicles.
- Keep the device dry and clean. Avoid exposure to extreme temperatures or humidity.
- Do not attempt to disassemble or modify the device. Refer to qualified personnel for repairs.
- Ensure the vehicle's ignition is off before connecting or disconnecting the diagnostic tool.

## 3. DEVICE OVERVIEW

The LAUNCH Creader Elite 2.0 features a 4-inch Android 8.0 touchscreen display, providing an intuitive interface for diagnostics. It is equipped with a 3000 mAh battery and 2x16GB memory for efficient operation and data storage.



Image: Front view of the LAUNCH Creader Elite 2.0 diagnostic tool, showing its touchscreen interface and control buttons.

## 4. SETUP AND INITIAL CONFIGURATION

1. **Power On:** Press and hold the power button to turn on the device.
2. **Language Selection:** Follow the on-screen prompts to select your preferred language. The device supports 10 languages.
3. **Wi-Fi Connection:** Navigate to 'Settings' and connect to a stable Wi-Fi network. This is crucial for software updates and online features.
4. **Software Update:** After connecting to Wi-Fi, check for available updates in the 'Upgrade' section. Perform a one-click update to ensure you have the latest software and vehicle coverage.

## 5. OPERATING INSTRUCTIONS

### 5.1. Connecting to the Vehicle

1. Locate the vehicle's OBD2 port (usually under the dashboard).
2. Connect the diagnostic cable from the Creader Elite 2.0 to the vehicle's OBD2 port.
3. Turn the vehicle's ignition to the 'ON' position (engine off).
4. The device will automatically power on or prompt you to select 'Diagnose'.

## 5.2. Full System Diagnostics

This function allows you to scan all available electronic control systems in the vehicle, including Engine (ENG), Anti-lock Braking System (ABS), Supplemental Restraint System (SRS), Transmission, Tire Pressure Monitoring System (TPMS), Electronic Parking Brake (EPB), Battery Management System (BMS), and Fuel systems. The device supports Auto VIN for quick vehicle identification.



Image: Diagram illustrating the comprehensive system diagnostic capabilities, showing various vehicle systems like engine, ABS, SRS, and TPMS, and the device performing a scan.

## 5.3. OBDII Functions

The device provides standard OBDII functions for all OBDII/EOBD compliant vehicles (1994-2000 for EOBD/OBDII global vehicles, 1996-2025 for BBA group vehicles). These include:

- Read/Clear Diagnostic Trouble Codes (DTCs)
- View Live Data Stream (text and graph format)
- Retrieve Freeze Frame Data
- I/M Readiness Status
- O2 Sensor Test
- On-Board Monitor Test
- Component Test



- Vehicle Information Retrieval (VIN, CIN, CVN)

#### 5.4. Special Functions (Reset Services)

The Creader Elite 2.0 offers over 100 reset functions specifically for Benz, BMW, and Audi group vehicles. These services assist in maintenance and repair tasks.

## ALL FREE SERVICES FUNCTION

✔ Lifetime Free Use
✔ Continuously Added
✔ Keep Updating

 <p><b>Oil Reset</b></p>	 <p><b>ABS Bleeding</b></p>	 <p><b>Throttle Calibration</b></p>	 <p><b>EPB Reset</b></p>
 <p><b>D.P.F Regeneration</b></p>	 <p><b>Injector Coding</b></p>	 <p><b>Stop/Start Reset</b></p>	 <p><b>SAS Calibration</b></p>
 <p><b>BMS Reset</b></p>	 <p><b>Crankshaft Relearn</b></p>	 <p><b>Adblue Reset</b></p>	 <p><b>Suspension Reset</b></p>

- Gearbox Reset
- AFS Reset
- TPMS Reset
- Gear Relearn
- A/C Relearn
- Clutch Reset
- Crank Sensor Relearn
- Sunroof Reset
- Seat Calibration
- Cylinder Reset
- NOX Sensor Reset
- More...



**GET ALL SERVICE: 1.Diagnostic > 2.Car Brand > 3.System > 4.Special Function**

Image: A collage of icons representing various reset functions such as Oil Reset, ABS Bleeding, DPF Regeneration, Injector Coding, and TPMS Reset, available on the diagnostic tool.

Examples of supported reset functions include:

- Oil Reset
- ABS Bleeding
- Throttle Calibration
- EPB Reset
- DPF Regeneration
- Injector Coding
- SAS Calibration
- BMS Reset
- TPMS Reset
- AdBlue Reset

- Gearbox Reset
- Sunroof Reset
- Seat Calibration

*Note: Specific reset functions may vary by vehicle model and year.*

### 5.5. Bi-directional Control (Active Test)

This feature allows the diagnostic tool to send commands to vehicle components and modules to test their functionality directly, without using the vehicle's controls. This helps in quickly pinpointing faulty parts.

**BI-DIRECTIONAL CONTROL**  
Command vehicle modules for quick troubleshooting

- Wider Module Coverage** (Icon: Car with magnifying glass)
- Less Time Consuming** (Icon: Clock with checkmark)
- Accurate Problem Location** (Icon: Warning triangle)

**OK Activated** (Green checkmark icon)

**ERROR No Responding** (Red exclamation mark icon)

**LAUNCH** (Diagnostic tool interface showing various modules like Diagnose, OBD II, Upgrade, Mail, Settings)

- Sunroof Settings** (Image of sunroof)
- Windows Up/Down** (Image of car window)
- Radiator Fan** (Image of radiator fan)
- Adaptive Headlight** (Image of car headlight)

- Fuel Pump Turn on/off
- A/C Configuration
- Temperature Sensor Test
- Cooling Fan Activation
- Rear Mirror Fold/Unfold
- Modulate the Throttle
- More ...

Image: Illustration of bi-directional control, showing the diagnostic tool sending commands to a car to test components like fuel pump, A/C, windows, and radiator fan, indicating successful activation or errors.

Examples of active tests include:

- Fuel Pump Turn on/off
- A/C Configuration
- Temperature Sensor Test
- Cooling Fan Activation
- Windows Up/Down
- Sunroof Settings



## 5.6. ECU Coding

ECU Coding allows for customization of vehicle settings, re-flashing hidden functions, restoring data, and opening/closing comfort functions. It also supports adaptive data for replacement and complex ECU issue repair.



The graphic features a dark blue background with the title "ADVANCED ECU CODING" in large, bold, white and orange letters. Below the title are three car images in rounded rectangular frames. The first frame shows a silver Mercedes-Benz with the text "Fit for Benz, Maybach, Sprinter". The second frame shows a black Mercedes-Benz with the same text. The third frame shows a blue Audi with the text "Fit for Audi, VW, Bentley, Skoda, Bugatti, Lamborghini, SEAT, Volkswagen Commercial". Below these is a large, glowing blue ECU chip with the word "ECU" on it, surrounded by binary code. To the right of the chip is a yellow and black LAUNCH diagnostic tool with a screen showing icons for "Diagnose", "OBD II", "Upgrade", "Mail", and "Settings". At the bottom is a blue banner with six green checkmarks and text describing the features.

# ADVANCED ECU CODING

Fit for Benz, Maybach, Sprinter

Fit for Benz, Maybach, Sprinter

Fit for Audi, VW, Bentley, Skoda, Bugatti, Lamborghini, SEAT, Volkswagen Commercial

ECU

Diagnose OBD II Upgrade Mail Settings

LAUNCH

- ✓ Customize Vehicle OE-Settings
- ✓ Function Restore if Data Loss
- ✓ Reflash Hidden Functions
- ✓ Comfort Functions Open/Close
- ✓ Adaptive Data for Replacement
- ✓ Complex ECU Issues Repair

Image: A visual representation of ECU coding, showing a circuit board with 'ECU' text and the diagnostic tool, highlighting features like customizing OE-settings, re-flashing hidden functions, and restoring data.

## 5.7. Data Management and Reporting

The device facilitates efficient data handling:

- **Auto VIN Scan:** Automatically identifies vehicle information for quick diagnostics.
- **DTC Lookup:** Provides definitions for diagnostic trouble codes.
- **4-in-1 Live Data Stream:** Displays multiple data parameters simultaneously for detailed analysis.
- **Battery Registration:** Supports battery registration functions.
- **Diagnostic Report:** Generates comprehensive health reports that can be shared or printed.
- **Diagnostic History/Feedback:** Stores diagnostic records and allows users to submit feedback to LAUNCH.

# ALL-AROUND SCAN TOOL

Increase the Business and Profits of Vehicle Dealers

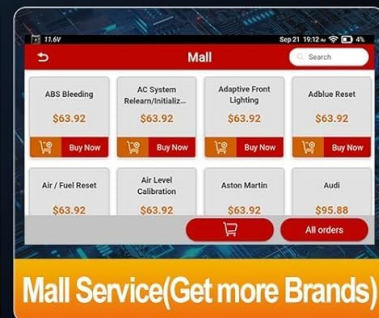
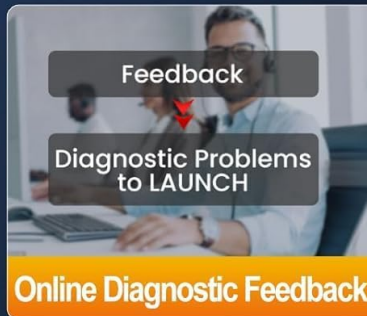


Image: A grid displaying various features of the diagnostic tool, including Auto VIN Scan, DTC Lookup, 4-in-1 Live Data Stream, Battery Registration, Online Diagnostic Feedback, and Diagnostic Report sharing.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly.

## 7. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged or connect the device to the vehicle's OBD2 port for power.
- **Connection issues with vehicle:** Verify the OBD2 cable is securely connected to both the device and the vehicle. Ensure the vehicle's ignition is on.
- **Software update problems:** Check your Wi-Fi connection. If issues persist, try restarting the device and attempting the update again.
- **Inaccurate readings or functions not working:** Ensure the software is up to date. Verify the vehicle model and year are correctly selected.

## 8. SPECIFICATIONS

Feature	Specification
Model	YZB23-1
Item Weight	900 g
Package Dimensions	25 x 18 x 8 cm
Battery	1 AAA (included), 3000 mAh capacity
Memory	2 x 16 GB
Operating System	Android 8.0
Screen	4-inch Touchscreen
Languages	10 languages supported
Connectivity	Wi-Fi

## 9. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. For warranty details, technical support, or any operational questions, please refer to the official LAUNCH website or contact your authorized dealer. Ensure you have your product model number (YZB23-1) and purchase information ready when seeking support.

## Related Documents - YZB23-1

<p><b>LAUNCH</b></p> <p><b>Copyright Information</b>          Copyright © 2017 by LAUNCH TECH CO., LTD. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without prior written permission from LAUNCH TECH CO., LTD.</p> <p>LAUNCH TECH CO., LTD. owns the complete intellectual property rights for the software, device, and hardware, and all trademarks are the property of LAUNCH TECH CO., LTD. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without prior written permission from LAUNCH TECH CO., LTD.</p> <p><b>Disclaimer of Warranties and Limitations of Liability</b>          LAUNCH TECH CO., LTD. makes no warranty, representation, or limitation of liability for the information contained in this publication. The user assumes all responsibility for the use of the information contained in this publication. The user assumes all responsibility for the use of the information contained in this publication. The user assumes all responsibility for the use of the information contained in this publication.</p>	<h2><a href="#">LAUNCH X431 Creader Elite 2.0 BBA User Manual</a></h2> <p>Comprehensive user manual for the LAUNCH X431 Creader Elite 2.0 BBA OBD2 car scanner, detailing its features, operation, diagnostics, upgrades, and troubleshooting.</p>
<p><b>FAQS for LAUNCH X431 IMMO ELITE</b></p> <p>Q: How many keys can LAUNCH X431 IMMO ELITE copy?          A: It can copy 10 keys for most cars, and 20 keys for some cars. It can also copy keys for some cars that are not in the database. Please refer to the user manual for more details.</p> <p>Q: How many keys can LAUNCH X431 IMMO ELITE copy?          A: It can copy 10 keys for most cars, and 20 keys for some cars. It can also copy keys for some cars that are not in the database. Please refer to the user manual for more details.</p> <p>Q: How many keys can LAUNCH X431 IMMO ELITE copy?          A: It can copy 10 keys for most cars, and 20 keys for some cars. It can also copy keys for some cars that are not in the database. Please refer to the user manual for more details.</p> <p>Q: How many keys can LAUNCH X431 IMMO ELITE copy?          A: It can copy 10 keys for most cars, and 20 keys for some cars. It can also copy keys for some cars that are not in the database. Please refer to the user manual for more details.</p>	<h2><a href="#">LAUNCH X431 IMMO ELITE FAQs and User Guide</a></h2> <p>Frequently Asked Questions and operational guidance for the LAUNCH X431 IMMO ELITE diagnostic tool, covering registration, updates, features, and troubleshooting.</p>



<div><p>FAQS for LAUNCH CRP919EBT</p><p>Q: I downloaded LAUNCH TECH USA but didn't get any support?</p><p>A: Please contact us via Amazon, or our Customer Service Team. Email Address: <a href="mailto:sales@launchtechusa.com">sales@launchtechusa.com</a></p><p>Our products are all original from LAUNCH TECH CO., LTD. which is the headquarters of LAUNCH. LAUNCH TECH USA is only an overseas branch of Launch Tech in USA. Although, we are completely with LAUNCH TECH USA. Therefore, they will not offer any after-sale services to customers who bought the product from here as <b>they will have to contact us ourselves to use best</b>. <b>We promise to supply the best</b></p><p>LAUNCH CRP919EBT can't charge errors on:</p><p>Reference to find the correct address on the original USB cable to charge the device.</p><p>Step 2 Press the power button and select "1" behind it to connect after the cable connection is established and the power button will release automatically to the surface "Test Start".</p><p>Step 3 Press the cable "1" or select "1" button, until the recovery mode interface appears. The power button will continue.</p><p>Step 3 Select repair data factory reset, select yes or select repair data factory reset yes.</p></div>	<div><p><a href="#">LAUNCH CRP919EBT FAQs and Troubleshooting Guide</a></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></div>
<div><p>V1.00-000 09-06-2023</p><p>Document: LAUNCH uses the complete intellectual property rights for the software and for the product. For customer requirements or ordering please contact us directly. LAUNCH will have the use of this product and ensure the rights reserved for legal protection.</p></div>	<div><p><a href="#">LAUNCH Creader Professional 919E User Manual: Comprehensive Automotive Diagnostic Guide</a></p><p>Explore the capabilities of the LAUNCH Creader Professional 919E diagnostic tool with this user manual. Learn about full system diagnosis, ECU coding, 31+ service functions, OBD II, battery testing, and TPMS for professional automotive repair.</p></div>
<div><p>FAQs for LAUNCH CRP919X BT</p><p>Q: I connected LAUNCH TECH USA but didn't receive support?</p><p>A: You can contact us directly via Amazon or our Customer Service Team at <a href="mailto:sales@launchtechusa.com">sales@launchtechusa.com</a>. 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 completely and they do not provide after-sale services for products purchased online. Feel free to reach out to us for any assistance.</p><p>Q: My CRP919X BT won't charge or turn on.</p><p>A: You can try troubleshooting the scanner and use the original USB cable for charging.</p><p>Press the power and volume "+" buttons simultaneously until the splash screen appears "Test Start".</p><p>Select the Recovery mode interface using the volume buttons, confirm with the power button.</p><p>Choose "Yes data factory reset" and then "Yes data factory reset" confirming each step with "Yes".</p><p>Afterward, power off and then normally power on the device.</p><p>Q: How do I register the CRP919X BT?</p><p>A: To register, select "New Registration". Follow the steps to create an account, and activate the VCI. Use the password envelope included in the package.</p></div>	<div><p><a href="#">LAUNCH CRP919X BT: FAQs, Troubleshooting, and Support</a></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></div>
<div><p>Version: V1.00-000 First release date: 09-06-2023</p></div>	<div><p><a href="#">LAUNCH X431 PRO DYNO User Manual</a></p><p>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.</p></div>