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## LAUNCH Creader Elite 3.0-JL

# LAUNCH Creader Elite V3.0 OBD2 Scanner User Manual

For Land Rover and Jaguar Vehicles

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## 1. INTRODUCTION

This manual provides detailed instructions for the LAUNCH Creader Elite V3.0 OBD2 Scanner, a professional diagnostic tool designed specifically for Land Rover and Jaguar vehicles. It covers device setup, operational procedures for various diagnostic and service functions, software updates, and troubleshooting tips. Please read this manual thoroughly before operating the device to ensure correct usage and optimal performance.

## 2. PRODUCT OVERVIEW

### 2.1. What's in the Box

- 1 \* LAUNCH Creader Elite V3.0 OBD2 Scanner for JLR
- 1 \* OBD2 Diagnostic Cable
- 1 \* Quick Start Guide
- 1 \* User Manual

### 2.2. Key Features

The LAUNCH Creader Elite V3.0 offers a comprehensive suite of features for vehicle diagnostics and maintenance:

- **Enhanced Hardware:** Features Android 8.1 operating system, 32GB ROM, 3000mAh battery, and 2.4&5GHz dual-band Wi-Fi for improved performance.

- **DolP Protocol Support:** Supports the new DolP protocol for Land Rover & Jaguar models manufactured after 2017 (requires an adapter).
- **Full Systems Diagnostics:** Provides in-depth scanning for all available vehicle modules, including engine, transmission, ABS, SRS, and more.
- **Bi-Directional Control (Active Test):** Allows control of vehicle components and systems for active testing, such as windows, mirrors, wipers, and horn.
- **Comprehensive Service Functions:** Includes Oil Reset, Electronic Parking Brake (EPB) Reset, Battery Management System (BMS) Reset, Steering Angle Sensor (SAS) Calibration, Injector Coding, Throttle Relearn, Height Calibration, Transmission Adaptation, Crankshaft/Camshaft Relearn, Sunroof Calibration, and more.
- **4-in-1 Live Data Stream:** Displays real-time data from multiple sensors simultaneously in a graphical format, with recording and playback capabilities.
- **Smart Diagnostic Functions:** Features Auto VIN for automatic vehicle identification, DTC Lookup for code explanations, and the ability to generate and share diagnostic reports.
- **Full OBD2 Functions:** Supports all 10 OBD2 test modes for universal vehicle compatibility (post-1996 models).
- **Lifetime Free Updates:** Provides lifetime free software updates specifically for Land Rover and Jaguar vehicle brands.

## 2.3. Device Comparison

The Creader Elite V3.0 offers significant upgrades over previous versions:

# 2026 **UPGRADED** V3.0 for Land Rover/Jaguar

Superior Functions, Swift Pace, Same Price.



Model	Creader Elite V3.0	Creader Elite V2.0	Creader Elite V1.0
Full Systems Scan	✓	✓	✓
All Services	✓	✓	✓
Active Tests	✓	✓	✓
CAN-FD & DOIP <i>New!</i>	✓  (for 2017+ Land Rover & Jaguar)	✗	✗
Online Services <i>New!</i>	✓ 	✗	✗
Repair Case & Video <i>New!</i>	✓ 	✗	✗
OS	Android 8.1 	Android 8.1	Android 6.0
Memory <i>New!</i>	2+32GB 	2+16GB	2+16GB
Battery	3000mAh 	3000mAh	600mAh
Screen Size	4 inch	4 inch	4 inch
Update Method <i>New!</i>	2.4&5GHz WiFi 	2.4GHz WiFi	2.4GHz WiFi

Image: Comparison of Creader Elite V3.0, V2.0, and V1.0, highlighting V3.0's superior features like DoIP, Android 8.1, 32GB memory, and 2.4&5GHz WiFi.

## 2.4. Physical Description

The device features a durable orange casing with a 4-inch touchscreen display. The back of the device includes product identification details such as the model number, FCC ID, and serial number.



Image: Rear view of the LAUNCH Creader Elite V3.0, displaying the model number, FCC ID, and serial number (e.g., 960747721846).

## 3. SETUP

### 3.1. Initial Power On

1. Ensure the device is fully charged or connected to a power source.
2. Press and hold the power button until the screen illuminates.
3. Follow the on-screen prompts to select your preferred language and region.

### 3.2. Wi-Fi Connection

1. From the main menu, navigate to **Settings**.
2. Select **Wi-Fi** and turn it on.
3. Choose your desired Wi-Fi network from the list and enter the password if prompted.
4. Confirm the connection. A stable internet connection is required for software updates and online resources.

### 3.3. Registration and Activation

Upon first use or after a factory reset, you may be prompted to register your device. Follow the on-screen instructions to create an account or log in. This step is crucial for accessing software updates and technical support.

## 4. OPERATING INSTRUCTIONS

## 4.1. Connecting to the Vehicle

1. Locate the vehicle's OBD2 diagnostic port, typically under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is in the **ON** position (engine off or running, depending on the test).
3. Connect the OBD2 diagnostic cable to the vehicle's OBD2 port and to the LAUNCH Creader Elite V3.0 device.
4. The device will automatically power on or prompt you to do so.

## 4.2. Full Systems Diagnostics

This function allows you to scan all available electronic control units (ECUs) in the vehicle.

# OE-LEVEL ALL SYSTEM DIAGNOSTICS

Save \$1,000 on Unnecessary Repair Fees

- ✓ Auto VIN & Auto Scan
- ✓ 7000+ Fault Codes Definition
- ✓ 4-IN-1 Live Data Graphic
- ✓ Erase Codes &
- ✓ Reset MILs Aftr Repair

## FULL OBD2 FUNCTIONS

Pre-Check Emissions Status to Pass Smog Check

- On-Board Monitor Test
- EVAP Test (Mode \$8)
- Vehicle Info. Access
- For 99% OBD2 Cars

P0346	Camshaft Position Sensor A Circuit Range/Performance Bank 2
-------	---

Are you sure to clear fault code	
No	Yes

Left Rear Wheel Speed Sensor Input 19 km/h	0.00
Left Front Wheel Speed Sensor Input 0.00 km/h	0.00
Right Front Wheel Speed Sensor Input 0.00 km/h	0.00
Right Rear Wheel Speed Sensor Input 0.00 km/h	0.00

Name	Value
ECU Mode	[S1]
Misfire Monitor	[S11]No Supported
Fuel System Monitor	[S11]Ready
Comprehensive Component 1	[S11]Ready

Read I/M Readiness (Mode \$01)	
Read Live Data (Mode \$01)	
Read Freeze Frame (Mode \$02)	
Read Fault Code (Mode \$03/\$07/\$0A)	
Clear Fault Code (Mode \$04)	

Test Name(Tids)	Test Value	Stand Value	Unit	Value
Rich To Lean Sensor Threshold Voltage (Constant)	0.430	-	V	OK
Lean To Rich Sensor Threshold Voltage (Constant)	0.430	-	V	OK

Image: Display showing OE-level all system diagnostics, including Auto VIN, fault codes, 4-in-1 live data, and MIL reset.

1. From the main menu, select **Local Diagnose**.
2. Choose the vehicle brand (Land Rover or Jaguar).
3. Select **Auto Search** or **Manual Selection**. Auto Search (Auto VIN) will attempt to automatically identify the vehicle.
4. Once the vehicle is identified, select **Health Report** or **System Scan** to perform a comprehensive scan of all modules.

- Review the diagnostic trouble codes (DTCs) and ECU information. You can then choose to clear codes if necessary.

### 4.3. Service Functions

The Creader Elite V3.0 provides numerous maintenance and reset services. Access these functions via **Diagnose > Brand > System Selection > Special Function**

# ALL SERVICE FUNCTIONS

Handle 99% Daily Maintenance for Land Rover/Jaguar



Oil Reset



Brake Reset



SAS Calibration



Start-Stop Reset



TPMS Reset



Injector Coding



Battery Reset



ABS Bleeding



Seat Calibration



Height Calibration

- Idle Speed
- Throttle Relearn
- Electric fuel pump
- FRM Reset
- Rain Sensor Reset
- Clutch Adaptation

- Transport Mode
- Sunroof Initialization
- Gearbox Adaptation
- Window Initialization
- Crankshaft Relearn
- More...



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

Note: Function vary from car models. Check compatibility firstly via [obdbox21@163.com](mailto:obdbox21@163.com).

Image: Overview of various service functions including Oil Reset, Brake Reset, SAS Calibration, Start-Stop Reset, TPMS Reset, Injector Coding, Battery Reset, ABS Bleeding, Seat Calibration, and Height Calibration.

Common services include:

- **Oil Reset:** Resets the engine oil life system.
- **EPB Reset:** Resets the electronic parking brake after replacement.
- **SAS Calibration:** Calibrates the steering angle sensor.
- **Injector Coding:** Codes new injector numbers into the ECU.
- **Throttle Relearn:** Relearns the throttle body position.
- **Height Calibration:** Calibrates the vehicle's suspension height.
- **Battery Reset:** Registers a new battery replacement.
- **ABS Bleeding:** Performs ABS brake bleeding procedures.

Note: The availability of specific service functions may vary depending on the vehicle model and year. Always check compatibility before performing a service.

#### 4.4. Bi-Directional Control (Active Tests)

Active tests allow you to send commands to vehicle systems and components to verify their functionality.

Image: Depicts bi-directional active tests, showing the device sending commands to vehicle actuators like wipers, windows, clutch, and injectors to check their status.

1. Navigate to the desired vehicle system within the diagnostic menu.
2. Select **Active Test** or **Bi-Directional Control**.
3. Choose the specific component or system you wish to test (e.g., 'Wiper Test', 'Window Test', 'Horn Test').
4. Follow the on-screen instructions to activate and observe the component's response.

#### 4.5. Full OBD2 Functions

For universal vehicle diagnostics (all OBD2 compliant vehicles after 1996), use the **OBD II** menu option.

- **Read Codes:** Retrieves generic (P0, P2, P3, U0) and manufacturer specific (P1, P3, U1) codes.
- **Clear Codes:** Clears diagnostic trouble codes and turns off the Malfunction Indicator Light (MIL).

- **Live Data:** Displays real-time data stream from the vehicle's sensors.
- **I/M Readiness:** Checks the readiness of emission-related monitors.
- **Freeze Frame:** Displays a snapshot of operating conditions at the time of an emission-related fault.
- **O2 Sensor Test:** Retrieves O2 sensor monitor test results.
- **On-Board Monitor Test (Mode 6):** Retrieves results for emission-related powertrain components and systems.
- **EVAP System Test (Mode 8):** Initiates a test of the evaporative emission control system.
- **Vehicle Information:** Retrieves vehicle identification number (VIN), calibration ID (CALID), and calibration verification number (CVN).

## 4.6. Real-Time Monitoring and Data Stream

Monitor various vehicle parameters in real-time to diagnose intermittent issues or verify repairs.



Image: Real-time monitoring screen showing battery voltage, transmission oil temperature, coolant temperature, and vehicle speed, with a detailed 4-in-1 data stream graph below.

1. From the diagnostic menu, select **Live Data**.
2. Choose the parameters you wish to monitor.
3. The device can display up to four data streams simultaneously in a graphical format.

- Use the **Record** and **Playback** functions to capture and review data for later analysis.

## 4.7. Smart Diagnostic Features

The device includes features to streamline the diagnostic process:

Image: Smart diagnostic features such as Auto VIN, diagnostic report generation and printing, online feedback, 7000+ DTC library, and access to online services.

- **Auto VIN:** Automatically identifies vehicle information (year, make, model) for quicker diagnostics.
- **DTC Lookup:** Provides detailed explanations for diagnostic trouble codes.
- **Diagnostic Report:** Generates a professional diagnostic report that can be shared or printed.
- **Online Feedback:** Allows users to submit feedback or issues directly to technical support.

## 5. MAINTENANCE & UPDATES

### 5.1. Software Updates

The LAUNCH Creader Elite V3.0 offers lifetime free software updates for Land Rover and Jaguar brands.

# LIFETIME FREE UPDATE

For LAND ROVER/JAGUAR



One-Click WiFi Update



More Functions & Vehicle Models



2 Minutes Get Update Done



Image: Device screen illustrating the one-click Wi-Fi update process, emphasizing lifetime free updates for Land Rover/Jaguar and the ability to get more functions and vehicle models.

1. Ensure the device is connected to a stable Wi-Fi network.
2. From the main menu, select **Software Update**.
3. The device will check for available updates.
4. Select the updates you wish to install and follow the on-screen prompts. Updates typically take a few minutes.

## 5.2. Expanding Vehicle Coverage (Mall)

If you require diagnostic capabilities for other vehicle brands beyond Land Rover and Jaguar, you can purchase additional software packages from the **Mall** application on the device. Please note that software purchased from the Mall is typically valid for one year and may require re-purchase after expiry.

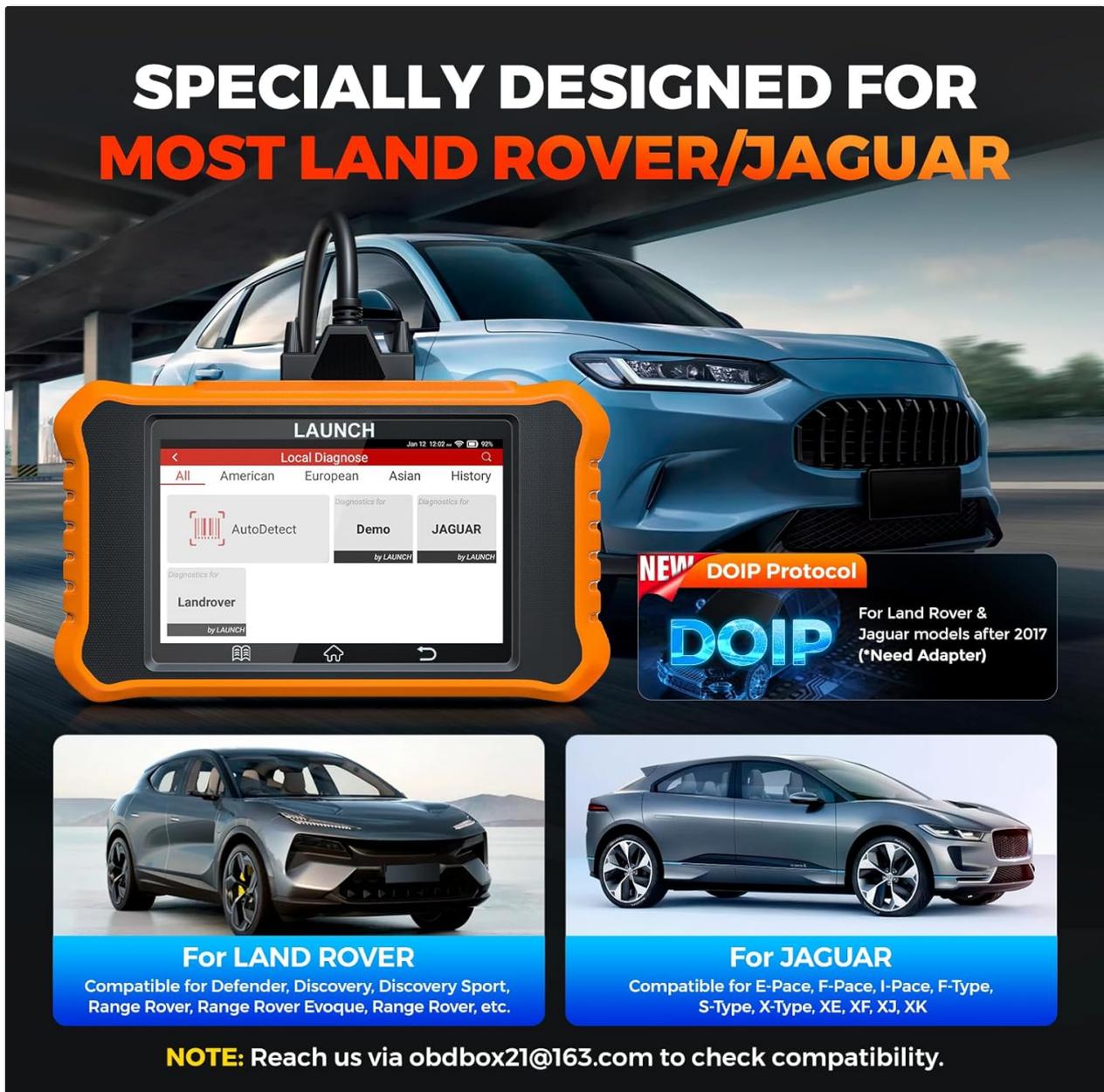
## 5.3. Device Care

- Keep the device clean and free from dust and moisture.
- Avoid dropping the device or subjecting it to strong impacts.
- Store the device in a cool, dry place when not in use.

- Use only the provided charging cable and accessories.

## 6. COMPATIBILITY

The LAUNCH Creader Elite V3.0 is primarily designed for:



**SPECIALLY DESIGNED FOR MOST LAND ROVER/JAGUAR**

**NEW DOIP Protocol**  
For Land Rover & Jaguar models after 2017 (\*Need Adapter)

**For LAND ROVER**  
Compatible for Defender, Discovery, Discovery Sport, Range Rover, Range Rover Evoque, Range Rover, etc.

**For JAGUAR**  
Compatible for E-Pace, F-Pace, I-Pace, F-Type, S-Type, X-Type, XE, XF, XJ, XK

**NOTE:** Reach us via [obdbox21@163.com](mailto:obdbox21@163.com) to check compatibility.

Image: Device interface showing diagnostic options for Land Rover (Defender, Discovery, Range Rover, Evoque) and Jaguar (E-Pace, F-Pace, F-Type, S-Type, X-Type, XE, XF, XJ, XK) models, with a note on DoIP protocol for models after 2017.

- **Land Rover:** Compatible with models such as Defender, Discovery, Discovery Sport, Range Rover, Range Rover Evoque, etc.
- **Jaguar:** Compatible with models such as E-Pace, F-Pace, F-Type, S-Type, X-Type, XE, XF, XJ, XK, etc.
- **DoIP Protocol:** Supports Land Rover & Jaguar models after 2017, requiring a separate DoIP adapter.
- **Universal OBD2:** Fully compatible with all OBD2 compliant vehicles manufactured after 1996 for basic OBD2 functions.

For specific vehicle compatibility, it is recommended to contact technical support via [obdbox21@163.com](mailto:obdbox21@163.com).

## 7. SPECIFICATIONS

<b>Model</b>	LAUNCH Creader Elite 3.0-JL
<b>Operating System</b>	Android 8.1
<b>Screen Size</b>	4 Inches
<b>Internal Storage (ROM)</b>	32GB
<b>Battery Capacity</b>	3000mAh
<b>Wi-Fi</b>	2.4 & 5GHz Dual-band
<b>Power Source</b>	Battery Powered
<b>Item Weight</b>	1.49 pounds
<b>Package Dimensions</b>	8 x 7.5 x 1.5 inches
<b>Automotive Fit Type</b>	Universal Fit (for OBD2 functions)

## 8. TROUBLESHOOTING

### 8.1. Device Not Powering On

- Check battery level. Connect the device to a charger and allow it to charge for at least 30 minutes.
- Ensure the power button is pressed and held correctly.
- If connected to the vehicle, ensure the vehicle's ignition is on and the OBD2 cable is securely connected.

### 8.2. Communication Error with Vehicle

- Verify the OBD2 cable is securely connected to both the device and the vehicle's port.
- Ensure the vehicle's ignition is in the **ON** position.
- Confirm that the vehicle is OBD2 compliant (generally 1996 and newer for US vehicles).
- Try a different OBD2 compliant vehicle to rule out a vehicle-specific issue.
- Ensure the correct vehicle brand software is installed and up to date.

### 8.3. Software Update Failure

- Check your Wi-Fi connection for stability and signal strength.
- Ensure the device has sufficient battery charge or is connected to power during the update process.
- Verify that there is enough free storage space on the device.
- Restart the device and attempt the update again.

### 8.4. Inaccurate Readings or Functions Not Working

- Ensure the vehicle's make, model, and year are correctly identified by the device.
- Verify that the specific function is supported for your vehicle model and year. Refer to the compatibility section or contact support.
- Ensure the device software is fully updated.

## 9. WARRANTY AND SUPPORT

## 9.1. Warranty Information

The LAUNCH Creader Elite V3.0 comes with an Extended 60-Day Return & Replacement policy and a 5-Year Quality Backup. Please retain your proof of purchase for warranty claims.

## 9.2. Technical Support

For any technical assistance, questions, or compatibility inquiries, please contact our support team:

- **Email:** [obdbox21@163.com](mailto:obdbox21@163.com)
- Our support team is available 24/7/365.

*Note: Please direct all support inquiries to the provided email address. Do not contact LAUNCH Tech USA for support related to this specific product.*