

LAUNCH Creader Elite V3 N

LAUNCH Creader Elite V3 N Diagnostic Scanner User Manual

Model: Creader Elite V3 N (RIV001)

1. INTRODUCTION

The LAUNCH Creader Elite V3 N is an advanced diagnostic scan tool designed specifically for Nissan, Infiniti, and GTR vehicles. This device offers comprehensive system diagnostics, bidirectional control, and a wide range of service functions to assist in vehicle maintenance and repair. It features a 4-inch touch screen, Android 8.1 operating system, and lifetime free software updates via Wi-Fi.

All Free Popular Special Function Fit For Nissan/Infiniti/Gtr

Quickly Handle Daily Maintenance for Nissan /Infiniti/Gtr



Oil Reset



Gear Learning



Injector Coding



TPMS Reset



SRS Reset



Power Balance



Compression Test



Battery Test



ABS Bleeding



Key 1mmo

- Idle Speed
- D-P-F Regeneration
- Delet Transport Mode
- FRM Reset
- Throttle Relearn
- A/F Reset
- Window Calibration
- Tramsission Adaption

How to Service: Select Diagnose > Select Model, Year > Run Autovin > Select Module > Select Special Funcions

How to get help: ucarobdsales@hotmail.com

Image: The LAUNCH Creader Elite V3 N diagnostic scanner displaying its main menu with options for diagnosis, OBDII, upgrade, mall, and settings.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully unpack all components from the box. Ensure the following items are present:

- 1 x LAUNCH Creader Elite V3 N Main Unit
- 1 x OBDII Cable
- 1 x User Manual (this document)

Inspect the device for any visible damage. If any components are missing or damaged, contact customer support immediately.

2.2 Powering On the Device

The device is battery-powered. Ensure it has sufficient charge before first use. Connect the OBDII cable to the device and then to your vehicle's OBDII port. The device will power on automatically or can be powered on using the power button.

2.3 Wi-Fi Connection and Software Update

For optimal performance and access to the latest vehicle data and functions, it is recommended to update the software upon initial setup. The device supports Wi-Fi one-click updates.

1. From the main menu, tap on 'Settings'.
2. Navigate to Wi-Fi settings and connect to an available network.
3. Return to the main menu and tap on 'Upgrade' or 'Software Update'.
4. Follow the on-screen prompts to download and install the latest software. This process typically takes about 2 minutes.



Image: The device screen displaying a 'Software Upgrade' prompt, indicating the update process.

3. OPERATING INSTRUCTIONS

3.1 Vehicle Connection

Locate the vehicle's OBDII port, typically under the dashboard on the driver's side. Connect the provided OBDII cable to the port and then to the LAUNCH Creader Elite V3 N device. Turn the vehicle's ignition to the ON position (engine off).

3.2 Automatic Vehicle Identification (AutoVIN)

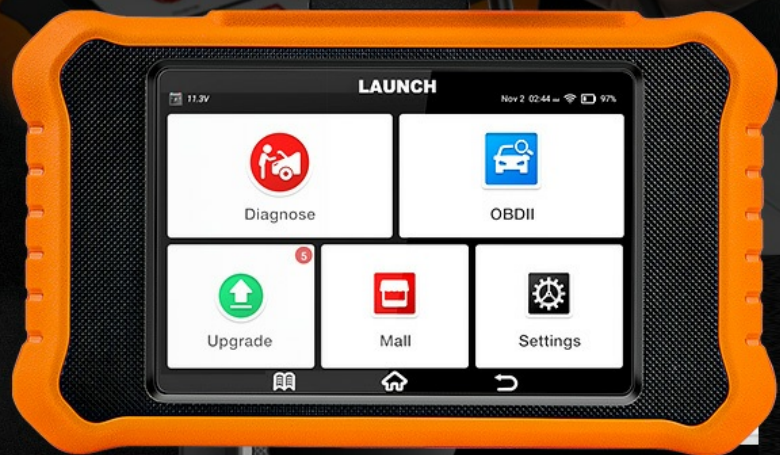
The device supports AutoVIN scan for vehicles manufactured from 2006 onwards. This feature automatically identifies the vehicle's make, model, and year, streamlining the diagnostic process.

1. From the main menu, select 'Diagnose'.
2. Choose 'AutoDetect' or 'AutoVIN Scan'.
3. The device will automatically read the vehicle's VIN and display relevant information.

LAUNCH X431 Elite 3.0 For Nissan

All-In-One OBD2 Scanner 3.0 Fit for Nissan/Infiniti/Gtr

- *Full System Diagnose*
- *Bidirectional Control*
- *All Reset Service*
- *Complete OBD2 Test*
- *PIDS 4-IN-1 Live Data*
- *Battery Test*
- *Autovin*
- *Lifetime Update*
- *Cloud Report*
- *5 Years Backup*



4-Core 1.3 GHz



Android 8.1



3000mah Battery



2GB+32GB



4" Touchscreen



2.4GHz&5GHz WiFi

Image: An illustration demonstrating the LAUNCH Creader Elite V3 N's capability to diagnose all vehicle systems, including Engine, ABS, SRS, EPB, BMS, AFS, and TPMS.

3.3 Full System Diagnostics

The Creader Elite V3 N can diagnose all accessible electronic control systems in your vehicle, including Engine (ENG), Anti-lock Braking System (ABS), Supplemental Restraint System (SRS), Transmission (AT), Tire Pressure Monitoring System (TPMS), Electronic Parking Brake (EPB), Battery Management System (BMS), and more.

- **Read Codes:** Retrieve Diagnostic Trouble Codes (DTCs) from various systems.
- **Clear Codes:** Erase DTCs after repairs have been completed.
- **View Live Data:** Monitor real-time data streams from vehicle sensors and components. This can be displayed in text, graph, or merged graph format for up to 4 data streams simultaneously.
- **Retrieve ECU Version Info:** Access information about the Electronic Control Unit.

2026 Full Upgrade Hardware

Full Upgrade, Plug to Play



Upgrade Operation System:
Powered by Android 8.1



New Chip:
6X Faster diagnostic effectively



3000Ah Battery:
Able to last for 10 hours diagnostics



4-Core CPU:
Work with multi-tasks with higher speed



4\"/>



32GB:
Give more storage/memory for more data

Image: The LAUNCH Creader Elite V3 N showing its comprehensive diagnostic capabilities, including reading and clearing codes, viewing live data, and retrieving ECU information.

3.4 Bidirectional Control (Active Test)

This function allows the diagnostic tool to send commands to vehicle systems and components to test their operational status. This helps in pinpointing issues without using the vehicle's controls.

- **Examples:** Activating the fuel pump, cycling the A/C clutch, testing window motors, door locks, horn, and performing parking brake tests.
- **Procedure:** Select 'Diagnose' > 'Manually Select' > 'Select Model, Year' > 'Select System' > 'Actuation Test'.

Bi-Directional Control/Actuation test

Directly Drive Actuators, Quickly Pinpoint Faults



Cycling the A/C



The Fuel Pump



Parking Brake Test



Oil Pressure Control



Engine Compartment Fan

Path: Diagnose--Manually Select--Select Model, Year--Select System--Actuation Test

Image: A visual representation of the bidirectional control feature, where the scanner sends commands to vehicle components like the A/C, fuel pump, and parking brake to test their functionality.

3.5 Special Service Functions

The device supports numerous special service functions for Nissan, Infiniti, and GTR vehicles, including but not limited to:

- Oil Reset
- Brake Reset
- Battery Reset
- Injector Coding
- ABS Bleeding
- Seats Calibration
- SAS (Steering Angle Sensor) Calibration
- DPF (Diesel Particulate Filter) Regeneration
- TPMS Reset
- Throttle Adaptation
- Key Immobilizer (IMMO) functions

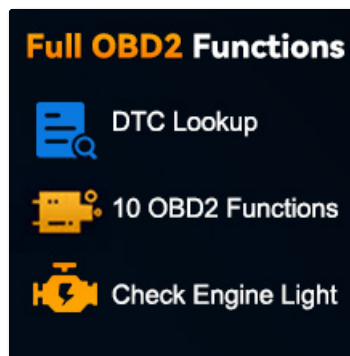


Image: An icon indicating the availability of full OBD2 functions.

3.6 OBD2 Functions for All Brands

In addition to vehicle-specific functions, the device acts as a universal OBDII/OBDI code reader for all brand cars, supporting 10 OBD2 test modes:

- Reading and Erasing Codes
- Freeze Frame Data
- O2 Sensor Test
- EVAP System Test
- Live Data Stream
- I/M Readiness
- On-board Monitor Test
- Vehicle Information
- Component Test
- DTC Lookup Library

3.7 Diagnostic History and Reporting

The device stores diagnostic history, allowing users to review past diagnostic sessions. Vehicle health reports can be generated, shared, and printed for record-keeping or client communication.



Image: The LAUNCH Creader Elite V3 N showing options for generating, sharing, and printing diagnostic reports, along with online feedback functionality.

4. MAINTENANCE

4.1 Device Care

- Keep the device clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Avoid dropping the device or subjecting it to strong impacts.
- Store the device in a cool, dry place when not in use.
- Do not expose the device to extreme temperatures.

4.2 Software Updates

Regularly check for and install software updates to ensure the device has the latest vehicle coverage and diagnostic capabilities. Updates are free for life and can be performed via Wi-Fi.



Image: The device screen indicating a software update is available, highlighting the lifetime free update feature.

5. TROUBLESHOOTING

5.1 Device Not Powering On

- Ensure the OBDII cable is securely connected to both the device and the vehicle's OBDII port.
- Verify the vehicle's ignition is in the ON position.
- Check the device's battery level. If low, connect it to a power source (charging cable not included, typically uses a standard USB charger).

5.2 Communication Errors

- If the device fails to communicate with the vehicle or a specific function, try turning the vehicle's ignition OFF and then ON again multiple times.
- Ensure the vehicle's battery has sufficient voltage.
- Verify that the OBDII cable is not damaged.
- Confirm that the correct vehicle make, model, and year are selected in the diagnostic software.

5.3 Software Update Issues

- Ensure a stable Wi-Fi connection during updates.
- Check for sufficient storage space on the device.
- If an update fails, restart the device and attempt the update again.

6. SPECIFICATIONS

Feature	Detail
Brand	LAUNCH
Model Number	RIV001 (Creader Elite V3 N)
Power Source	Battery Powered
Product Dimensions (L x W x H)	7.95" x 1.69" x 7.64"
Operating System	Android 8.1
Screen Size	4 Inches
Native Resolution	800x480
Processor	4-Core 1.3 GHz
RAM	2GB
Internal Storage	32GB
Battery Capacity	3000mAh (up to 10 hours operation)
Connectivity	Wi-Fi (2.4GHz & 5GHz)
Supported Languages	English, French, Spanish, German, Russian, Italian, Portuguese, Japanese, Korean, Chinese Traditional, Polski, Turkish
Vehicle Coverage	Nissan, Infiniti, GTR (1996-2026), and universal OBD2 for all brands



Image: The device screen showing a battery test interface, indicating its capability to test battery health, voltage, and current.

7. WARRANTY INFORMATION

The LAUNCH Creader Elite V3 N comes with a **5-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official LAUNCH website or contact customer support.

8. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact LAUNCH customer support. The device also features an 'Online Diagnostic Feedback' function, allowing users to submit detailed problem descriptions and screenshots directly to support for quicker resolution.

- **Online Feedback:** Access via the device menu.
- **Email Support:** ucarobdsales@hotmail.com



Image: An icon representing the online feedback feature, allowing users to send diagnostic reports and issues directly to support.