

# User Manual

## Interceptor Innovations® Instructions for FORScan Software



Init. Release Date:  
Rev. Date:  
Rev. Version:  
Manual ID:

November 18, 2025

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v1.0

IN-UM-FORSCAN

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# 1. Introduction

This document provides a complete, step-by-step guide for installing, activating, and using the FORScan diagnostic software to flash the As-Built (AB) configuration file supplied with your Interceptor Innovations upgrade package. Whether you are performing a SYNC retrofit, module replacement, or a system functionality update, this guide ensures that you can safely complete all required programming tasks with confidence.

FORScan is a powerful Windows-based diagnostic and programming tool designed specifically for Ford and Lincoln vehicles. With the correct extended license and compatible hardware interface, users can access vehicle modules, write AB files, diagnose faults, and perform advanced configuration procedures.

Before beginning, carefully read through this manual to understand the required tools, system setup, safety notes, and flashing workflow. Following these steps precisely will ensure a reliable programming process and help prevent module communication errors or flashing failures.



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## 2. Tools Required

The following tools and equipment are required or recommended to complete the FORScan programming process safely and efficiently. Before beginning, ensure all tools are available and in proper working condition:

### Required Software & Hardware

- **A Windows PC or laptop**  
Must be capable of running FORScan. Windows 10 or newer is recommended.
- **FORScan for Windows (latest version)**  
Downloaded from *FORScan.org* and installed on your PC.
- **FORScan Extended License (2-month trial or paid license)**  
Required for module programming. Obtained through the official FORScan website.
- **Compatible OBD-II diagnostic interface**  
Must support HS-CAN and MS-CAN communication. Common options include:
  - ELM327 USB with manual HS/MS switch
  - OBDLink EX (recommended)
  - J2534-compatible interface
  - Wi-Fi or Bluetooth ELM327 (Windows-compatible)

### Recommended Tools

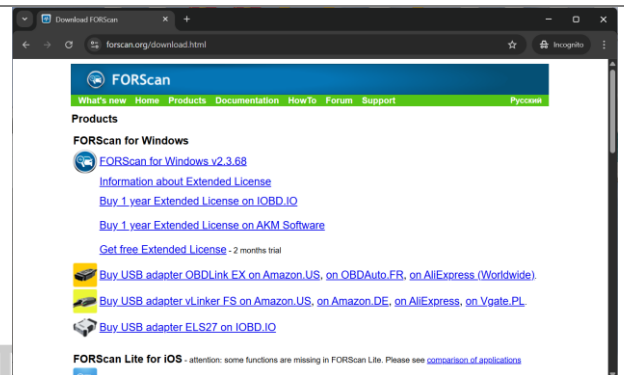
- **Battery charger / maintainer**  
Maintains vehicle voltage during programming to prevent ECU dropout or corruption.
- **USB cable (for wired adapters)**  
Ensures stable communication between your PC and the vehicle.

## 2. Module Programming & Update

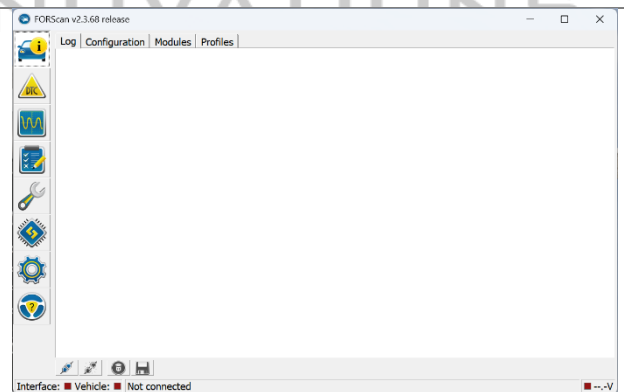
To complete the installation, you will need to download and activate an app called **FORScan** with a trial extended license, purchase the required hardware cable, and then flash the provided **AB (As-Built) file** into your vehicle's module. Please follow the steps below carefully. You can choose to flash the AB file yourself by following the steps below, or you may contact us and we can set up a remote programming session to help you complete any additional programming.

**⚠ Important: Always ensure your vehicle battery is stable during programming (consider using a battery charger). Do not disconnect the cable or turn off ignition during flashing. Only load the AB file provided by us — using incorrect files may damage your module.**

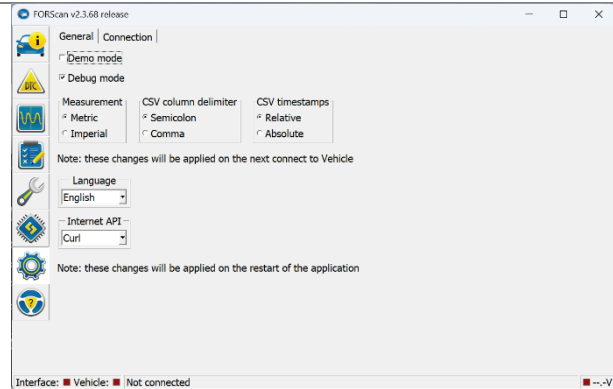
Step 1: Open your web browser and go to [forscan.org](https://forscan.org). Once on the main page, click on the Products tab at the top, then select the first option "FORScan for Windows" to download the newest release.



Step 2: After downloading the software, install it on your computer as you would with any standard application. During installation, Windows Defender may display a security or antivirus warning—please allow all actions so the software can install successfully. Once installed, launch the program and enter the main interface.



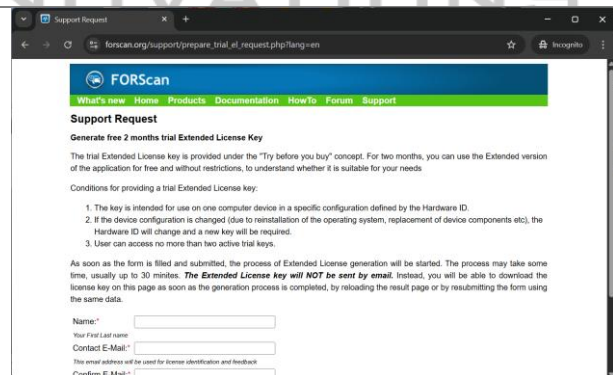
Step 3: On the left toolbar, click the second-to-last settings icon, then open it and disable Demo Mode.



Step 4: On the left toolbar, click the last icon (the steering wheel with a question mark). Locate the Hardware ID line, then click Copy to Clipboard.

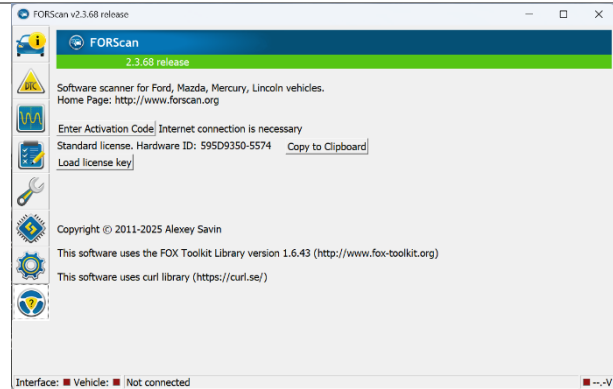


Step 5: Return to the FORScan website, go to the Products tab, and click the fifth option: Get free Extended License – 2 months trial. Then fill in your information, paste the Hardware ID you copied earlier into the Hardware ID field, and click the Submit button at the bottom. The page will notify you that your request has been added to the processing queue. Do not close this page. After approximately 20–30 minutes, return to the page and click Refresh. At this point, the page will show that your Free Extended License is ready. Simply click to download it and save the file to your preferred folder.



Step 6: Return to the FORScan software. In the left toolbar, open the last icon—the steering wheel with a question mark. Click Load License Key, and a Windows File Explorer window will appear. Navigate to the folder where you saved the downloaded license file, select it, and double-click to load it. FORScan will then prompt you to restart the software. After restarting, FORScan will launch fully activated, giving you two months to perform programming or diagnostic tasks.

Note: Software usage terms apply; please visit the official FORScan website for more information.



Step 7: Prepare your programming hardware. You will need an ELM327 or a similar diagnostic cable that supports any of the following interfaces:

- Wi-Fi
- COM
- FTDI
- J2534
- Bluetooth

Please refer to the official website for detailed hardware requirements. Connect the diagnostic cable's OBD connector to your vehicle's OBD port, then connect the USB end to your computer. If you are using an ELM327 device, you will see a silver switch near the OBD connector — this switch toggles between HS-CAN and MS-CAN. Before beginning any operations, ensure that the switch is set to HS-CAN. High-end diagnostic cables will not have a switch, as they support automatic CAN signal switching.

Step 8: Flashing the As-Built (AB) File: You will receive the correct AB (As-Built) configuration file for your vehicle via your order confirmation email.

To flash the AB file, return to the FORScan software and follow these steps:

1. Click the third-from-bottom icon on the left sidebar — the computer-chip icon (Configuration and Programming menu).
2. Locate the module that matches the AB file name provided (for example: APIM (As-Built Format)).
3. Select As-Built Format for that module and confirm. Click the Run button in the lower-left corner to enter. Click OK on any warning popup messages.
4. Click Load AB File.
5. A File Explorer window will appear — navigate to the folder where you saved your provided AB file and select it.
6. After the file loads, review the settings.
7. Click the Run button in the lower-left corner again to begin flashing.
8. Wait until FORScan completes the write process. Do not turn off the vehicle or unplug the diagnostic cable during this step.

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9. Once complete, follow any on-screen instructions to re-cycle your key to finalize all configuration changes.
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Step 9: Completion: After the module has been successfully flashed, your new configuration will now be active. You can verify proper functionality by testing all system features associated with the flashed module.

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