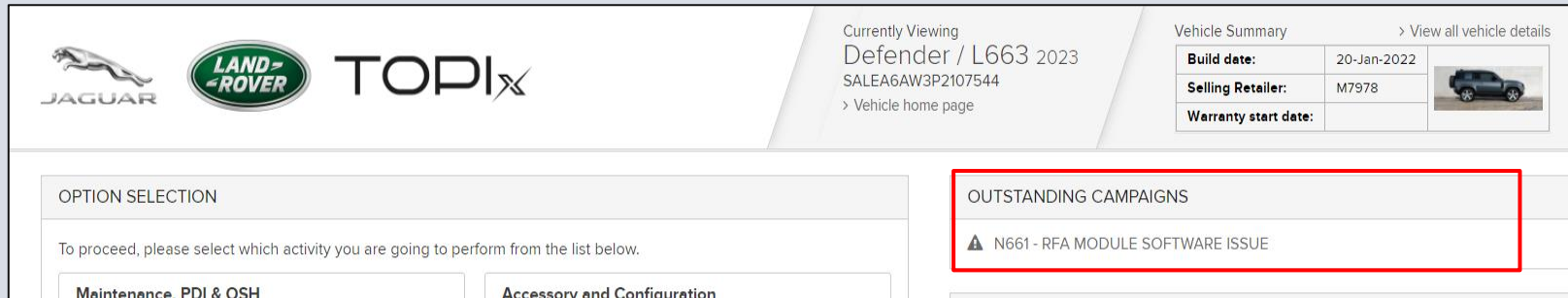



Connect to the vehicle using JLR approved diagnostic equipment and use a JLR approved battery support unit.
Make sure the latest version of the diagnostic device agent is installed on your machine.

Step 1

On connecting to a Vehicle in TOPIx you can see if there are any open campaigns against the selected vehicle.



The screenshot shows the TOPIx interface for a Jaguar Land Rover vehicle. The header includes the Jaguar and Land Rover logos, the TOPIx logo, and the text "Currently Viewing Defender / L663 2023 SALEA6AW3P2107544 > Vehicle home page". A "Vehicle Summary" table is visible, and a red box highlights the "OUTSTANDING CAMPAIGNS" section, which lists "N661 - RFA MODULE SOFTWARE ISSUE".

Vehicle Summary		View all vehicle details
Build date:	20-Jan-2022	
Selling Retailer:	M7978	
Warranty start date:		

OPTION SELECTION

To proceed, please select which activity you are going to perform from the list below.

Maintenance, PDI & OSH **Accessory and Configuration**

OUTSTANDING CAMPAIGNS

⚠ N661 - RFA MODULE SOFTWARE ISSUE

Step 2

If you select the campaign it will open into the Retailer Bulletin section of the campaign.

On the left side of the screen you will see a option for Service instruction

N661 UPS0522-2 - Remote Function Actuator (RFA) Module Software Update

+ - ← Hide document tree

UPDATE PRIOR TO SALE NOTICE
Global Service Action Number: N661 UPS0522-2

Retailer Bulletin

Service Instruction

Changes are highlighted in blue

Subject:	Publication No.: N661 UPS0522-2
Remote Function Actuator (RFA) Module Software Update	Model: Defender (LE)
	Model Year: 2023
	Model: Discovery (LR)
	Model Year: 2023
	Date of Issue: 09 February 2022
	Expiry Date: 09 February 2023

To:	All National Sales Companies (NSCs), importers, retailers and authorized repairers (excluding North America)
For the Attention of:	The approved Jaguar Land Rover (JLR) retailer/authorized repairer
Related Information:	Rest of World: Quarantine in retailer/authorized repairer or applicable NSC location This campaign has been issued to provide the relevant repair instructions, parts and warranty information. This campaign is valid for one year only. Repairs must be completed prior to the expiry date at the top of this campaign This campaign does not apply to any vehicles already registered and in use, either with the retailer/authorized repairer, or customer. Any vehicle already in use may continue to be driven and any

Step 3

Here you can find the instructions on how to carry out the campaign.

Any diagnostic applications that are required can be found hyperlinked in the instructions.

Table of Contents

1. For further assistance using TOPIx Cloud Diagnostics, refer to the below training material, which is located on the Jaguar and Land Rover websites:

- [QDMX01932](#): Diagnostic Device Agent Installation
- [QDMX02118](#): Diagnostics Tool Capability
- [QDMX02216](#): Running an Application
- [QDMX02401](#): Service and [Pre-Delivery Inspection \(PDI\)](#), Module Programming
- [QDMX02403](#): Fault and Breakdown
- [QDM102757](#): Data logging POC systems and repair
- [QDM102654](#): TOPIx Cloud Enhancements: Service and [PDI](#), Module Programming.

1. Connect the [JLR](#) approved diagnostic equipment and the [JLR](#) approved battery support unit.

2. NOTES:

⚠ If the [TOPIx](#) link does not work, continue to

⚠ Make sure to complete the [PDI](#) following the [R](#)

Update the [RFA](#) -

[RFA - Software - Update Module](#)

Update the [RFA](#) -

[RFA - Software - Update Module](#)

3. Follow all on-screen instructions to complete the task.

4. Disconnect the [JLR](#) approved diagnostic equipment and the [JLR](#) approved battery support unit.

Step 4

On selection of the hyperlink a new tab will open and take you to the required application in the tool box view.

Here you can run the required application.

VEHICLE DATA

Modules Fault Timeline DTC Help text DTC Snapshot

Vehicle last read: Date unavailable (UTC)
Mileage Last Read: 0 km at Date unavailable (UTC)

Module	Description	Status
AAM	Audio Amplifier Module	RESPONDED
ABS	Anti-Lock Brake System Control Module	RESPONDED
BCM	Body Control Module	RESPONDED
BECM	Battery Energy Control Module	RESPONDED
CCM	Cruise Control Module	RESPONDED
CHCM	Chassis Control Module	RESPONDED
DADC	Driver Assistance Domain Controller	RESPONDED
DDCM	Driveline Disconnect Control Module	RESPONDED
DDM	Driver Front Door Module	RESPONDED
EPICD	Electric Power Inverter Converter Control Module 'D'	RESPONDED
GSM	Gear Shift Module	RESPONDED
GWM	Gateway Module A	RESPONDED
HCM	Headlamp Control Module A	RESPONDED
HCMB	Headlamp Control Module B	RESPONDED

APPLICATIONS AND TROUBLESHOOTING

Vehicle Applications Module Applications Module Programming Diagnostic Tests History DTCs

Application name	Description	Action
IDMA - Software - Update Module	Existing Module Programming	Run
PCM - Software - Update Module	Existing Module Programming	Run
PSCM - Software - Update Module	Description not available.	Run
RBM - Software - Replace Module	New Module Programming	Run
RFA - Software - Update Module	Existing Module Programming	Run
SODL - Software - Replace Module	New Module Programming	Run
SODL - Software - Update Module	Existing Module Programming	Run
SODR - Software - Replace Module	New Module Programming	Run
SODR - Software - Update Module	Existing Module Programming	Run
TBM - Software - Replace Module	New Module Programming	Run