



LTB01226NAS2

TECHNICAL BULLETIN

20 MAR 2019

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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

INFORMATION

This reissue replaces all previous versions. Please destroy all previous versions.

SECTION:

415-01

SUBJECT/CONCERN:

Loss of Audio Functions / Vehicle Startup Battery Discharged

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery (LR)	2018	047448-064986	Solihull

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Range Rover Sport (LW)	2018	181320-198305	Solihull
Range Rover Sport (LW)	2018	695613-699998	Halewood
Range Rover Sport (LW)	2018	400000-406605	Solihull
Range Rover (LG)	2018	380217-399111	Solihull

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A loss of audio functions may occur and/or the vehicle startup battery may be discharged and/or a loss of sound from the audio system and parking aid system may be evident. Plug-in Hybrid Electric Vehicle (PHEV) vehicles may display a warning message indicating the AVAS (Acoustic Vehicle Alert System) is not available.

CAUSE:

This may be caused by an Audio Amplifier Module (AAM) software issue.

ACTION:

Should a Customer express this concern, follow the Diagnostic Procedure outlined below.

PARTS:

No Parts Required

TOOLS:



E192494

Jaguar Land
Rover-approved
Midtronics battery
power supply



E208514

Jaguar Land
Rover-approved
diagnostic
equipment with
latest
PATHFINDER
software

WARRANTY:

NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Use TOPIx to obtain the latest repair time.
- The JLR claims submission system requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Audio Amplifier Module (AAM) - Update ECU	86.91.47	0.2	42	LR098871

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:

CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery during diagnosis / module programming.

- All ignition ON/OFF requests **MUST** be performed; failure to do these steps may cause damage to vehicle control modules.

 **NOTE:**

Use the Jaguar Land Rover claims submission system for Field Service Action program eligibility requiring an Audio Amplifier Module (AAM) software update. If eligible, perform and claim the update as per that program using the latest PATHFINDER software.

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle startup battery.

2

 **NOTE:**

The Jaguar Land Rover-approved diagnostic equipment must be loaded with PATHFINDER version 224 (or later).

Connect the Jaguar Land Rover-approved diagnostic equipment to the vehicle and begin a new session.

3

 **NOTE:**

The Jaguar Land Rover-approved diagnostic equipment will read the correct Vehicle Identification Number (VIN) for the current vehicle and automatically take the vehicle out of Transit mode (if required).

Follow all on-screen instructions.

4

Select **ECU Diagnostics**.

5

 **NOTE:**

If communications cannot be established with the Audio Amplifier Module (AAM), remove fusible link **FL16** (see TOPIx Electrical Information - Electrical Wiring Diagrams - Fuse and Relay Locations) from the rear junction box for a period of 5 seconds and then

re-install the fusible link to automatically power down then re-establish communications with the AAM.

Select **Audio Amplifier Module [AAM]**.

6

 **NOTE:**

If the Audio Amplifier Module (AAM) software part number is **JPLA-14C526-CG** or **JPLA-14C526-DJ**, the AAM cannot be updated.

Select **Update ECU**.

- 1 Follow the on-screen instructions until the application finishes successfully.
- 2 Go to the next Step.

7

Exit the current session.

- 1 If required, reset the vehicle to **Transit mode**.
- 2 Select the **Exit** icon.

8

Disconnect the diagnostic equipment and battery power supply from the vehicle.