



N151NAS3

TECHNICAL BULLETIN

18 JUL 2018

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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

Changes are highlighted in blue

SECTION:

412-01: Climate Control

SUBJECT/CONCERN:

Service Action: HVAC Control Module Update

AFFECTED VEHICLE RANGE:

| MODEL: | MODEL YEAR: | VIN: | ASSEMBLY PLANT: |
|----------------|-------------|---------------|-----------------|
| Discovery (LR) | 2017-2018 | 000532-034333 | Solihull |

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

An issue has been identified on certain vehicles within the listed Affected Vehicle Range where the direct pressure sensing valve within the air conditioning compressor becomes 'stuck' and cannot respond to changing demands for air conditioning compressor displacement. The vehicle continues to operate; however, the function of the climate system is compromised by the failure mode. The customer may report a number of symptoms: cycling temperature within the passenger compartment, too cold, too hot, and odor ingress may occur.

ACTION:

Retailers are required to **HOLD** affected new vehicles that are within your control and refrain from releasing the vehicles for **new vehicle sale** pending completion of the Workshop Procedure detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer.

Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:

No parts required.

SPECIAL TOOLS:

Jaguar Land Rover-approved Midtronics Battery Power Supply

Jaguar Land Rover-approved diagnostic tool with latest PATHFINDER software

WARRANTY:

NOTE:

Check DDW to make sure that a vehicle is affected by this program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, make sure that **all** outstanding Recall and Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting the Program Code and the relevant Option Code; this will result in payment of the stated time. The SRO and parts information is included for information only. The Option Code(s) that allows for the drive in/drive out allowance

may only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

Repair procedures are under constant review and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **31 January 2020** closure date must be submitted or payment within 30 calendar days of completion of the repair.

| PROGRAM CODE | OPTION CODE | DESCRIPTION | SRO | TIME (HOURS) | PARTS/SUNDRY CODE | QTY./VALUE |
|--------------|-------------|--|----------------------|--------------|-------------------|------------|
| N151 | B | Configure Existing HVAC Control Module | 85.80.02 | 0.2 | - | - |
| N151 | C | Configure Existing HVAC Control Module Drive In/Drive Out | 85.80.02 02.02.02 | 0.2 0.2 | - - | - - |

Normal Warranty policies and procedures apply.

DIAGNOSTIC PROCEDURE:

ⓘ CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.
- All ignition ON/OFF requests must be carried out; failure to perform these steps may cause damage to control modules in the vehicle.

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

2  **NOTE:**

The Jaguar Land Rover-approved diagnostic tool must be loaded with PATHFINDER version 170 (or later).

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

3  **NOTE:**

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

Follow the on-screen prompts.

4 Select **ECU Diagnostics**.

5 Select **HVAC Control Module [HVAC]**.

6 Select **Update ECU**.

1 Follow all on-screen instructions until the application completes successfully.

2 When all tasks are complete, go to the next Step.

7 Return to the previous screen.

8 Select **ECU Diagnostics**.

9 Select **Run in air conditioning compressor**.

- 1 Follow all on-screen instructions until the application completes successfully.
- 2 When all tasks are complete, go to the next Step.

10 Exit the current session.

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

11 Disconnect the diagnostic tool and battery power supply from the vehicle.