LTB01119NAS2

TECHNICAL BULLETIN

11 JAN 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

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

Changes are highlighted in blue

SECTION:

412-01: Climate Control

SUBJECT/CONCERN:

Ambient Air Temperature Display Incorrect

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:

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Discovery Sport (LC)	2017-2018	633943-727080	Halewood
Range Rover Evoque (LV)	2017-2018	168185-275900	Halewood

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The ambient air temperature display may not be correct.

CAUSE:

This may be caused by a Heating Ventilation Air Conditioning (HVAC) control module software issue.

ACTION:

Should a customer express this concern, follow the appropriate Diagnostic Procedure below.

TOOLS:

Jaguar Land Rover-approved Midtronics battery power supply

Jaguar Land Rover-approved diagnostic tool with latest SDD Software Management Pack

Jaguar Land Rover-approved diagnostic tool 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. Always refer to JLR claims submission system 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
Automatic Temperature Control Module (ATCM) - Software update - Discovery Sport (L550)	80.90.12	0.2	42	LR066844
Automatic Temperature Control Module (ATCM) - Software update - Range Rover Evoque (L538)	80.90.12	0.2	42	LR070171

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE 'A': SDD

This Diagnostic Procedure is only for vehicles requiring the Jaguar Land Rover-approved diagnostic tool with Symptom Driven Diagnostics (SDD).

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 SDD152.00 Software Management Pack v285 (or later).

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

3 Follow all on-screen instructions, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.

NOTE:

The Heating Ventilation Air Conditioning (HVAC) control module may also be referred to as Automatic Temperature Control Module (ATCM).

4 If the hyperlink is not available:

1 Select **Diagnosis** from the Session Type screen.

2 Select the **Selected Symptoms** tab.

3 Select one of the following symptoms:

- **Electrical - Instruments - Gauges - Exterior temperature gauge - Inaccurate**

4 Select **continue**.

5 Select the **Recommendations** tab.

6 Select **Run** to perform the **'Configure existing module - Heating ventilation and air conditioning control module'** option.

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

1 When prompted, select the **Clear DTCs** option following completion of the software download.

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

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6 Exit the current session.

1 Select the **Session** tab.

2 Select the **Close Session** option.

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

DIAGNOSTIC PROCEDURE 'B': PATHFINDER

This Diagnostic Procedure is only for vehicles requiring the Jaguar Land Rover-approved diagnostic tool with PATHFINDER.

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.

NOTE:

Use DDW to check for Field Service Action program eligibility requiring an Automatic Temperature Control Module (ATCM) software update. If eligible, perform and claim the update as per that program.

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 130 (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 all on-screen instructions.

4 Select **ECU Diagnostics**.

5

NOTE:

The Heating Ventilation Air Conditioning (HVAC) control module may also be referred to as Automatic Temperature Control Module (ATCM).

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.

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7 Exit the current session.

1 If required, reset the vehicle to **Transit mode**.

2 Select the **Exit** icon.

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