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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

SECTION:

412-01

SUBJECT /CONCERN:

Passenger Compartment Warm Under Solar Loading

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
Range Rover Velar (LY)	2023-2024	335139-379992	
F-PACE (X761)	2023-2024	692663-731453	
Range Rover (LK)	2024	040599-219381	
Range Rover Sport (L1)	2024	115831-185620	
Defender (LE)	2024	197311-324228	
Discovery (LR)	2024	478980-498987	

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
Discovery Sport (LC)	2024	332302-338789	Halewood
New Range Rover Evoque (LZ)	2024	218413-233045	Halewood

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A customer may express a concern that the passenger compartment is too warm/humid when the vehicle is subject to solar load.

CAUSE:

The rain, light, humidity and solar sensor and HVAC Control Module (HVAC) software.

ACTION:

Follow the service instruction below.

This bulletin is only applicable for the specific Vehicle Identification Number (VIN) ranges stated within this bulletin. Any warranty claims for VINs outside of the specific VIN ranges stated within this bulletin will be rejected.

PARTS:

PART NUMBER	DESCRIPTION	QUANTITY
Range Rover, Range Rover Sport, Range Rover Velar, Range Rover Evoque, Discovery, Discovery Sport and Defender Vehicles Only		
LR188816	Rain, Light, Humidity and Solar Sensor	1
F-PACE Vehicles Only		
T4A51316	Rain, Light, Humidity and Solar Sensor	1

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.

Range Rover, Range Rover Sport, Range Rover Velar, Range Rover Evoque, Discovery, Discovery Sport and Defender Vehicles Only

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
HVAC Software Update	85.80.02	0.2	*	LR188816
Rain, light, humidity and sunload sensor	84.12.11	0.1	*	LR188816

F-PACE Vehicles Only

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
HVAC Software Update	85.80.02	0.2	*	T4A51316
Rain, light, humidity and sunload sensor	84.12.11	0.1	*	T4A51316

NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:**Range Rover Velar and F-PACE Vehicles Only**

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1. Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain, Light, Humidity and Sunload Sensor).

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2. Continue to the DIAGNOSTIC INSTRUCTION.

Range Rover Evoque Vehicles Only

3. Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain /light Sensor).

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4. Continue to the DIAGNOSTIC INSTRUCTION.

Discovery Sport Vehicles Only

5. Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain Sensor).

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6. Continue to the DIAGNOSTIC INSTRUCTION.

Range Rover Vehicles Only

7.  **NOTE:**

This step is only applicable for VIN ranges SALKZBF9XRA040599 - SALK19E78PA086929 only.

Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain Sensor).

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8.  **NOTE:**

All vehicles.

Continue to the DIAGNOSTIC INSTRUCTION.

Range Rover Sport Vehicles Only

9.

NOTE:

This step is only applicable for VIN ranges **SAL1A2BU6RA115831 - SAL119E41PA154490** only.

Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain, Light, Humidity and Sunload Sensor).

10.

NOTE:

All vehicles.

Continue to the DIAGNOSTIC INSTRUCTION.

Defender Vehicles Only

11.

NOTE:

This step is only applicable for VIN ranges **SALEVFEU1R2197311 - SALE27EU1R2244917** only.

Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain, Light, Humidity and Sunload Sensor).

12.

NOTE:

All vehicles.

Continue to the DIAGNOSTIC INSTRUCTION.

Discovery Vehicles Only

13.

 **NOTE:**

This step is only applicable for VIN ranges SALRA2AU9R2478980 - SALRA2AW0R2487021 only.

Replace the rain, light, humidity and sunload sensor (see TOPIx Workshop Manual section 501-16: Wipers and Washers - Removal and Installation - Rain, Light, Humidity and Sunload Sensor).

14.

 **NOTE:**

All vehicles.

Continue to the DIAGNOSTIC INSTRUCTION.

DIAGNOSTIC INSTRUCTION

 **NOTE:**

Modules already at the latest software level will not be available for update.

1. Connect the JLR approved diagnostic equipment and the JLR approved battery support unit.
2. The latest version of Diagnosis Device Agent must be installed.
3. Launch Diagnosis Device Agent, and log in.
4. Within 'Vehicle Data', select 'HVAC'
5. Within 'Applications and Troubleshooting', select 'Module Programming'
6. Run 'HVAC - Software - Update Module - Existing Module Programming'.
7. Follow all on-screen instructions to complete the task.

8. When all of the tasks are complete, exit the session.

9. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.