

JLRTB02061NAS1

**TECHNICAL BULLETIN**

06 JAN 2021



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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:**

303-03A

**SUBJECT/CONCERN:**

Amber 'Low Coolant' Warning Message Displayed On The Instrument Panel Cluster (IPC)

**AFFECTED VEHICLE RANGE:**

| MODEL:        | MODEL YEAR: | VIN:          | ASSEMBLY PLANT:  |
|---------------|-------------|---------------|------------------|
| Defender (LE) | 2020        | 000584-021595 | Nitra (Slovakia) |

**MARKETS:**

NORTH AMERICA

**CONDITION SUMMARY:**

**SITUATION:**

The amber 'Low Coolant' warning message is displayed on the Instrument Panel Cluster (IPC). Further investigation has found no engine coolant leaks and the engine coolant expansion tank is filled to the correct level.

**CAUSE:**

Engine coolant level sensor loose.

**ACTION:**

Follow the instructions below.

**PARTS:**

| PART NUMBER | DESCRIPTION | QUANTITY |
|-------------|-------------|----------|
| LR154653    | Cable tie   | 2        |

**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 |
|---|----------|--------------|----------------|-------------|
| JLRTB02061 - Engine coolant level sensor - Modification | 99.01.44 | 0.4          | DS             | LR131384    |

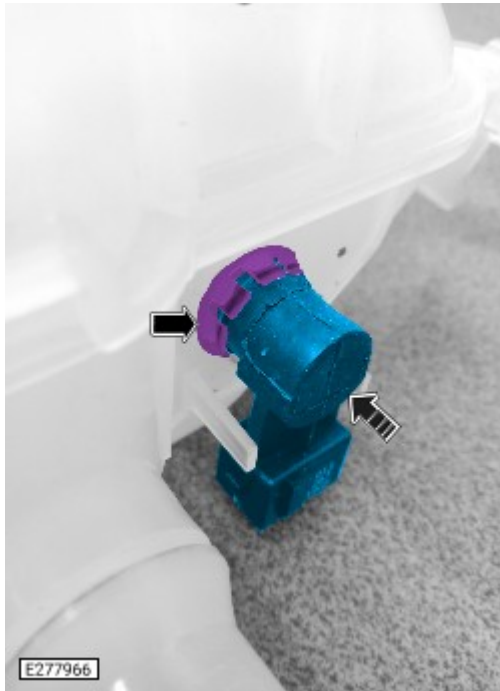
**NOTE:**

Normal Warranty procedures apply.

**SERVICE INSTRUCTION:**

1. Remove the engine coolant expansion tank (see TOPIx Workshop Manual section 303-03: Engine Cooling - Removal and Installation - Coolant Expansion Tank).
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2.



Make sure the engine coolant level sensor is fully located in the engine coolant expansion tank.

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3.

**NOTE:**

Make sure the ratchet section of the cable tie is positioned in the direction shown in the illustration.



Install a cable tie around the engine coolant level sensor, just before the retaining tabs.

- ■ Fully tighten the cable tie and remove the excess.

4.

**NOTE:**

Make sure the ratchet section of the cable tie is positioned in the opposite direction to the first cable tie, as shown in the illustration.



Install a second cable tie around the retaining tabs of the engine coolant expansion tank.

- ■ Fully tighten the cable tie and remove the excess.

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5. Install the engine coolant expansion tank (see TOPlx Workshop Manual section 303-03: Engine Cooling - Removal and Installation - Coolant Expansion Tank).