

JLRTB02107NAS1

TECHNICAL BULLETIN

13 JUL 2022



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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:

308-07B

SUBJECT/CONCERN:

Whining Noise From Transfer Case

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Discovery (LR)	2021 Onwards	441139 Onwards	Nitra (Slovakia)	Vehicles With: Twin Speed Transfer Case
Defender (LE)	2021 Onwards	013375 Onwards	Nitra (Slovakia)	Vehicles With: Twin Speed Transfer Case

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

A whining noise can be heard coming from the transfer case between 20 to 30 mph (30 to 65 km/h) after third gear has been engaged.

CAUSE:

Noise transfer through the selector fork.

ACTION:

Follow the instruction(s) below.

PARTS:

PART NUMBER	DESCRIPTION	QUANTITY
LR178583	Detent pin	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.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
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DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
JLRTB - Detent pin - Renew	99.01.80	0.2	*	LR131456

NOTE:

Normal Warranty procedures apply.

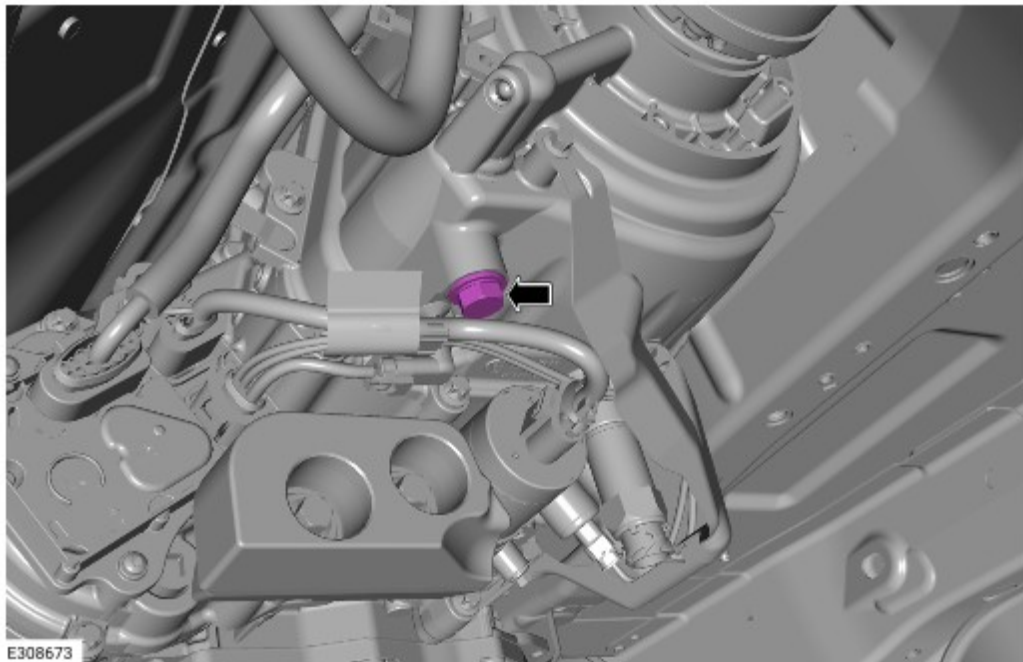
SERVICE INSTRUCTION:

1. Raise and support the vehicle on a suitable 2 post lift (see TOPIx Workshop Manual section 100-02: Jacking and Lifting - Description and Operation - Jacking and Lifting).

2.

CAUTION:

Be prepare to collect a very small amount of escaping fluids.



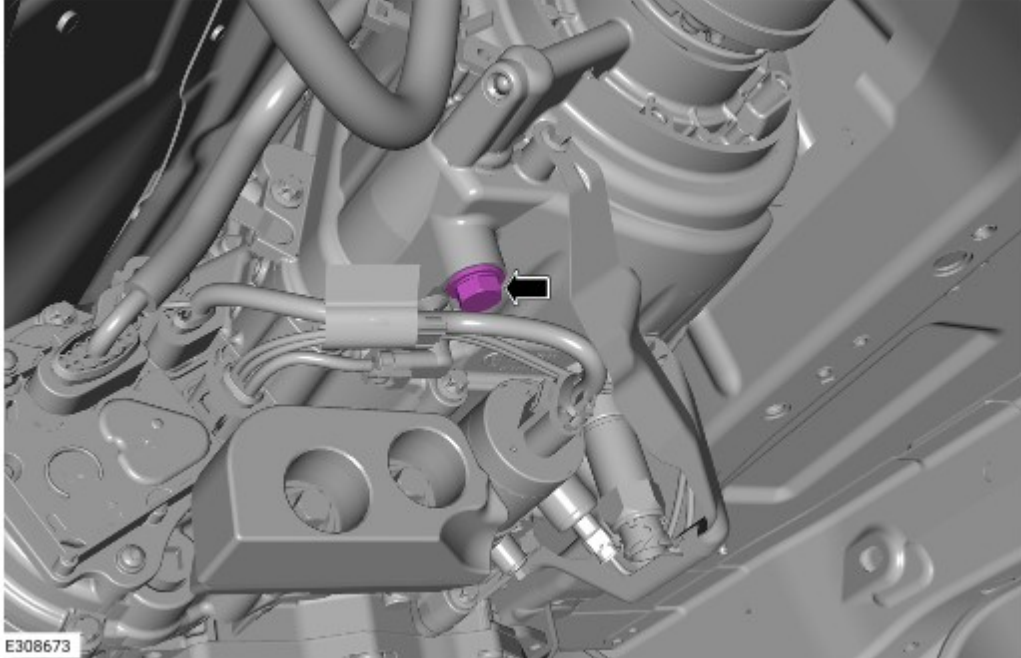
Remove the transfer case detent pin.

3. Using a suitable lint free cloth, remove any debris from the threads in the transfer case housing.

4.

NOTE:

The threads of the new transfer case detent pin are pre-coated with thread lock. Do not apply additional thread lock.



Install the new transfer case detent pin.

- Torque: **20 Nm**

5. Lower the vehicle (see TOPIx Workshop Manual section 100-02: Jacking and Lifting - Description and Operation - Jacking and Lifting).