



ADVANCE YOUR VISION

LTB01289NAS1

TECHNICAL BULLETIN

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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:

307-01

SUBJECT/CONCERN:

Harsh Transmission Shift - 4th to 5th Gear

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Discovery Sport (LC)	2018	716139-778789	Halewood
Range Rover Evoque (LV)	2018	260926-324535	Halewood

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:**SITUATION:**

The transmission may exhibit a harsh 4th-to-5th gear shift at speeds between 30-50 km/h and, in certain cases, the harsh gear shift may be accompanied by a transmission warning message on the Instrument Cluster (IC). Upon further diagnosis, DTC (Diagnostic Trouble Code) P07D4-07 and/or P07DF-07 may be stored in the Transmission Control Module (TCM).

CAUSE:

This may be caused by a TCM software issue.

ACTION:

Should a customer express this concern, refer to the Service Instruction and then follow the Diagnostic Procedure(s) below.

PARTS:

No Parts Required

TOOLS:

Jaguar Land
Rover-approved
battery power
supply



Jaguar Land
Rover-approved
diagnostic
equipment 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. 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
Transmission Control Module - Update ECU	44.90.10	0.2	04	LR079636

 NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

- 1 Verify that the automatic transmission fluid is at the correct level and any leaks are rectified (see TOPIx Workshop Manual section 311-01: Automatic Transmission/Transaxle - General Procedures - Transmission Fluid Level Check).

DIAGNOSTIC PROCEDURE: **CAUTIONS:**

- A Jaguar Land Rover-approved battery power supply must be connected to the vehicle startup battery.
- All ignition ON/OFF requests MUST be performed; failure to do these steps may cause damage to vehicle control modules.

 NOTE:

Use the Jaguar Land Rover claims submission system for Field Service Action program eligibility requiring a Transmission Control Module (TCM) software update. If eligible, perform and claim the update as per that program using the latest PATHFINDER software.

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

2

 NOTE:

The Jaguar Land Rover-approved diagnostic equipment must be loaded with PATHFINDER version 222 (or later).

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

3

 NOTE:

The Jaguar Land Rover-approved diagnostic equipment 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 Select **Transmission Control Module [TCM]**.

6 Select **Update ECU**.

1 Follow the on-screen instructions until the application finishes successfully.

7 Exit the current session.

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

2 Select the **Exit** icon.

8

Disconnect the diagnostic equipment and battery power supply from the vehicle.