TECHNICAL BULLETIN
LTB00740NAS3
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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.

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

Changes are highlighted in gray

SECTION: 307-01

'Gearbox Fault' Message Displayed In Instrument Cluster

AFFECTED VEHICLE RANGE:

Range Rover Evoque (LV)

Model Year:	2014-2015
VIN:	815019-989125
Assembly Plant:	Halewood

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A 'Gearbox fault' message may be displayed on the Instrument Cluster along with one or more of the following Diagnostic Trouble Codes (DTC) stored in the Transmission Control Module (TCM): P0600-04, P0710-27, P0710-64, P0712-11, P0713-13, P0975-19, P0978-19, P0981-19, P0984-19, and P099B-14.

Cause: This may be caused by a faulty crimp on the transmission internal wiring harness.

Action: Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

NOTE: Additional parts may be required to carry out this repair. Refer to TOPIx Workshop Manual section 307-01: Automatic Transmission/Transaxle.

LR049888	Transmission solenoid valve electrical harness (petrol)	1
LR049876	Service kit	1

TOOLS:

Jaguar Land Rover-approved Midtronics battery power supply



E192494

Jaguar Land Rover-approved diagnostic tool with latest SDD software, Calibration File



E179225

Refer to the Service Instruction/Workshop Manual for any required special tools.

WARRANTY:

NOTE: 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 TOPIx to obtain the latest repair time.

NOTE: DDW 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 solenoid valve electrical harness - Renew	**44.15.52**	2.0	28	LR049888
Automatic transmission - Tune download	**44.90.10**	0.2	28	LR064790

NOTE: Normal Warranty procedures apply.

SERVICE INSTRUCTION:

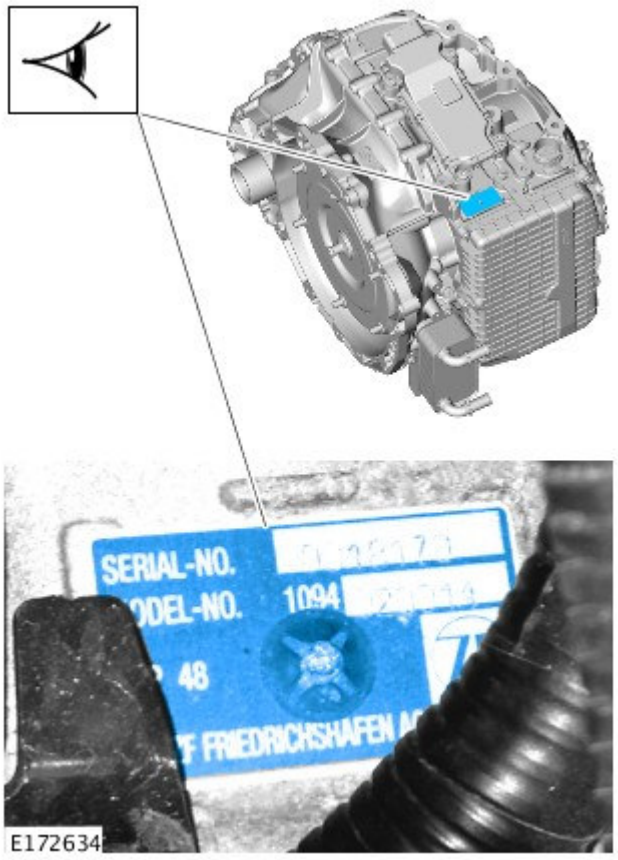
NOTE: One or more of the listed Diagnostic Trouble Codes (DTC) listed in the Condition Summary must be stored in the Transmission Control Module (TCM) before carrying out this update.

NOTE: Additional parts may be required to carry out this repair. Refer to TOPIx Workshop Manual section 307-01: Automatic Transmission/Transaxle.

1. Inspect the Transmission serial number.

- If the serial number is **141772 or lower**, go to Step 2.
- If the serial number is **141773 or higher**, do not continue with this Technical Bulletin.

  • Follow a normal diagnostic process using the instructions listed in TOPIx Workshop Manual section 100-00: General Information).



2. Replace the transmission solenoid valve electrical harness (see TOPIx Workshop Manual section 307-01: Automatic Transmission/Transaxle - Removal and Installation - **Sensor Unit**).

CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.

CAUTION: Make sure all ignition ON/OFF requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.

NOTE: The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD147.02 v.251 (or later).

NOTE: Use DDW to check for Recall, Service Action, or Update Prior to Sale notice eligibility requiring a Transmission Control Module (TCM) software update. If eligible, perform and claim the update as per that program.

3. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.

4. Switch the ignition ON (engine not running).

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

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

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

8. Select the **Selected Symptoms** tab and then select:

   - **Electrical-Instruments - Information and message center - Message display area - Powertrain**

9. Select **continue**.

10. Select the **Recommendations** tab.

11. Select **Run** to perform the '**Configure existing module - Transmission control module**' option.

12. Follow all on-screen instructions to complete this task, ensuring all Diagnostic Trouble Codes (DTC) are cleared.

13. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.

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

15. Perform a road test and confirm the fault is rectified.