

TECHNICAL BULLETIN

LTB00843NAS1

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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.

SECTION: 205-02

'2 wheel drive only fault - traction reduced' Message Displayed With DTC P0961-62 Stored

AFFECTED VEHICLE RANGE:

LR2 (LF)

Model Year: 2013-2014

VIN: 321215-439911

Manufacturing Plant: Halewood

With: Active On-Demand Coupling

Range Rover Evoque (LV)

Model Year: 2012-2015

VIN: 000447-050449

Manufacturing Plant: Halewood

With: Active On-Demand Coupling

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A '2 wheel drive only fault - traction reduced' message may be displayed on the Instrument Cluster. Upon further investigation, a technician may find Diagnostic Trouble Code (DTC) P0961-62 stored in the fault memory.

Cause: This may be caused by insufficient spring load for motor brushes in the Active On-Demand Coupling oil pump.

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

PARTS:

No Parts Required

TOOLS:



NOTE: this 'Active Bulletin' will display a functional programming shortcut if accessed within a diagnostic session using SDD.

SDD with latest DVD and Calibration File

Jaguar Land Rover-approved Midtronics battery power supply

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
Active On-Demand control module update	51.90.02	0.2	42	LR008958
Active On-demand Coupling - Flush - With diagnostic equipment connected	51.15.89.31	0.1	42	LR008958

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:

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

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

 **NOTE: SDD must be loaded with DVD143.02 v.218 or later.**

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

LR2 (L359) 2013-2014MY, Range Rover Evoque (L538) 2012-2013MY Only

 **NOTE: Rear Differential Control Module (RDCM) DTC P0961-62 must be stored to complete this Diagnostic Procedure.**

2 Turn ignition 'ON' (engine not running).

3 Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.

4 Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.

5 Select 'Diagnosis' from the Session Type screen.

6 Select the 'Selected Symptoms' tab and then select:

- Electrical > Instruments > Information and message center > Message display area > Powertrain **or**
- Chassis > Driveline system > Rear drive axle and differential > Wheel spins and loss of traction

7 Select 'continue'.

8 Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Rear differential control module' option.

9 Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.

Range Rover Evoque (L538) 2014-2015MY Only

 **NOTE: All Wheel Drive Control Module (AWDCM) DTC P0961-62 must be stored to complete this Diagnostic Procedure.**

10 Turn ignition 'ON' (engine not running).

11 Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.

12 Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.

13 Select 'Diagnosis' from the Session Type screen.

14 Select the 'Selected Symptoms' tab and then select:

- Electrical > Instruments > Information and message center > Message display area > Powertrain **or**
- Chassis > Driveline system > Rear drive axle and differential > Wheel spins and loss of traction

15Select 'continue'.

16Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - All wheel drive control module' option.

17Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.

All vehicles



NOTE: make sure the pump can be heard running. If the pump does not run, close the application, start the procedure again, and then submit a diagnostic ePQR.

18Select 'Service Functions' session type

19Select 'Continue'.

20Select '**Run**' to perform the 'All wheel drive - All wheel drive system flush' option.

21Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.

22Exit the current session.

23Disconnect the SDD and the battery power supply from the vehicle.