

TECHNICAL BULLETIN
LTB00795NAS1
03 AUG 2015



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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

'Transmission fault - traction reduced' Message Displayed With DTC P1889-14 Stored

AFFECTED VEHICLE RANGE:

LR2 (LF)

Model Year: 2010-2014
VIN: 171446-439912 **With:** Active On-Demand Coupling
Manufacturing Plant: Halewood

Range Rover Evoque (LV)

Model Year: 2012-2015
VIN: 600000-050449 **With:** Active On-Demand Coupling
Manufacturing Plant: Halewood

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A 'Transmission fault - traction reduced' message may be displayed on the Instrument Cluster. Upon diagnosis, Diagnostic Trouble Code (DTC) P1889-14 is found to be stored.

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

Action: Should a customer express this concern, follow the appropriate Service Instructions (A **and** B **or** C) below.

PARTS:

LR075763	Active On-Demand Coupling oil pump	Quantity: 1
LR001193	Driveshaft retaining bolts	Quantity: 6
LR002883	Driveshaft flange kit	Quantity: 1

TOOLS:

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 Coupling oil pump - Renew	51.30.02	1.0	42	LR008958
Read and clear the DTCs	12.90.16	0.2	42	LR008958

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION 'A'

All Vehicles

1. Replace the Active On-Demand Coupling oil pump (see TOPIx Workshop Manual, section 205-02).

SERVICE INSTRUCTION 'B'

LR2 (L359; 2010-2014MY) and Range Rover Evoque (L538; 2012-2013MY) ONLY

1.  **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 DVD142.04 v.213 or later.**

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

 **NOTE: Rear Differential Control Module (RDCM) DTC P1889-14 must be stored to complete this 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
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.
10. Exit the current session.
11. Disconnect the SDD and the battery power supply from the vehicle.

SERVICE INSTRUCTION 'C'

Range Rover Evoque (L538; 2014-2015MY) ONLY

1.  **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 DVD142.04 v.213 or later.**

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

 **NOTE: All Wheel Drive Control Module (AWDCM) DTC P1889-14 must be stored to complete this 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
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - All wheel drive control module' option.
9. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
10. Exit the current session.

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