

TECHNICAL BULLETIN
LTB00478NAS2
20 AUG 2013



© Jaguar Land Rover North America, LLC

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. Only refer to the electronic version of this Technical Bulletin in TOPIx.

Changes are highlighted in gray

SECTION: 205-02

'Transmission Fault – Traction Reduced' Message Displayed

AFFECTED VEHICLE RANGE:

LR2 (LF)

Model Year: 2009-2011

VIN: 9H113897-BH216517

MARKETS:

NAS

CONDITION SUMMARY:

Situation:

A 'Transmission Fault-Traction Reduced' message may be displayed in the Message Center and Diagnostic Trouble Code (DTC) P1889-14 or P0961-62 may be stored in the Rear Differential Control Module (RDCM).



NOTE: Any repairs other than configuring the Rear Differential Control Module (RDCM) must be carried out as a separate claim.

Cause: This may be caused by the Rear Differential Control Module (RDCM) diagnostic function being too sensitive, leading to the false detection of open circuits or sticking valves in the Active On-Demand Coupling assembly.

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

PARTS:

No Parts Required

TOOLS:

IDS with latest IDS-DVD and Calibration File; first available on DVD130.05 v.111
Jaguar Land Rover-approved Midtronics battery power supply

WARRANTY:



NOTE: SRO 51.90.89.27 should only be claimed if DTC P0961-62 is present.



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
Configure rear differential control module and re-read DTCs	51.90.89.26	0.3	42	LR008956
Configure rear differential control module, carry out road test and re-read DTCs	51.90.89.27	0.6	42	LR008956



NOTE: Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:

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



NOTE: IDS must be loaded with DVD130.05 v.111 or later.

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

- Turn ignition 'ON' (engine not running).
- Connect the Integrated Diagnostic System (IDS) to the vehicle and begin a new Symptom Driven Diagnostics (SDD) session.
- Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
- Select 'Diagnosis' from the Session Type screen.

- NOTE: DTC P1889-14 and/or P0961-62 needs to be present.**

Select the 'Selected Symptoms' tab, and then select the following:

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

- Select 'continue'.
- Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module – Rear differential control module' option.
- Follow all on-screen instructions to complete this task.

- NOTE: Note the stored DTCs.**

Read and clear the DTCs.

- NOTE: Only carry out this step if DTC P1889-14 is present and P0961-62 is not present.**

Start and run the engine for at least 5 minutes with the vehicle stationary.

- Re-read the DTCs.
- If DTC P1889-14 still present, check the wiring to the Active On-Demand Coupling for signs of open or short circuits. If no signs of short or open circuits are evident, carry out the repair action for P1889-14 listed in TOPIx Workshop Manual section 100-00: General Information, Description and Operation, DTC: Rear Differential Control Module (RDCM).

- Exit the current session.

13. Disconnect the IDS and the battery power supply from the vehicle.

14.  **NOTE: Only carry out this step if P0961-62 is present.**

Carry out a road test.

- Drive the vehicle at a constant speed of 44-56 mph / 70-90 km/h in a straight line for at least 10 minutes.
- Connect SDD to the vehicle and re-read the DTCs.
- If DTC P0961-62 still present, check the wiring to the Active On-Demand Coupling for signs of open or short circuits. If no signs of short or open circuits are evident, carry out the repair action for P0961-62 listed in TOPIx Workshop Manual section 100-00: General Information, Description and Operation, DTC: Rear Differential Control Module (RDCM).