

TECHNICAL BULLETIN
LTB00434NAS3
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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. Only refer to the electronic version of this Technical Bulletin in TOPIx.

SECTION: 211-02

Steering Remains In Highway Assist Mode At Low Vehicle Speeds (Vehicle Steering Feels Heavy)

AFFECTED VEHICLE RANGE:

Range Rover (LM)

Model Year: 2010-2012

VIN: AA304426-CA377975

MARKETS:

NAS

CONDITION SUMMARY:

This version has been issued to change the Title.

Situation: The steering performance may not be as expected intermittently at low vehicle speeds. On Symptom Driven Diagnostics (SDD) interrogation the fault code B12FB-12 is stored in the Body Control Module (BCM).

Cause: This may be caused by the Body Control Module (BCM) software strategy.

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

PARTS:

No Parts Required

TOOLS:



NOTE: This document is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.

SDD with latest DVD and Calibration File; first available on DVD128.07 v.96
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
Update BCM software; carry out Special application - Heavy steering update	86.90.57	0.20	42	LR023679



NOTE: Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:

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



NOTE: SDD must be loaded with DVD128.07 v.96 or later.

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



NOTE: DTC B12FB-12 must be stored in the BCM to proceed.

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:
 - Chassis - Steering system - Steering system symptoms - Steering too heavy
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module – Body control module' option.
9. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Special applications - Steering performance update' option.
10. Follow all on-screen instructions to complete this task.
11. Follow all on-screen instructions to complete this task.
12. Exit the current session.
13. Disconnect the SDD and the battery power supply from the vehicle.