

TECHNICAL BULLETIN

No: LTB00402 (ISSUE 1)
30 AUG 2011

RANGE ROVER



CIRCULATE TO: SERVICE ✓ PARTS ✓ WARRANTY ✓ BODY SHOP

SECTION: 206

Judder / Vibration While Braking

AFFECTED VEHICLE RANGE:

LR4 (LA)

VIN: AA510742 - Onwards

Model Year: 2010 - Onwards

Range Rover Sport (LS)

VIN: AA212147 - Onwards

Model Year: 2010 - Onwards

CONDITION SUMMARY:

Situation: The brakes may judder / vibrate when applied. This may be caused by the front brake pad material.

△ **NOTE:** Brake linings, brake discs, and any other friction-related components are not covered when due to wear and tear but are covered for manufacturing, material defects, or the failure of another warranted part during the lifetime of the warranty. Refer to *Warranty Policies and Procedures Manual* for further details.

△ **NOTE:** Technical Bulletin LTB00400, *Steering Wheel Shimmy / Vibration While Driving*, must be completed on eligible vehicles (as a separate claim). Only if the judder / vibration is still evident should the Repair Procedure outlined below be performed.

Action: If after completing Technical Bulletin LTB00400 the customer's concern of the above is still evident, refer to the Repair Procedure outlined below to perform front hub and brake disc run-out checks and, if necessary, replace the front brake discs and pads.

PARTS:

SDB000624.....	Front disc - LR4, Range Rover Sport w/Standard brakes	Qty: 2
LR032063	Front pads set - LR4, Range Rover Sport w/Standard brakes	Qty: 1
LR027106	Front disc - Range Rover Sport w/High Performance brakes (low thickness variation)	Qty: 2
LR020362	Front pads set - Range Rover Sport w/High Performance brakes	Qty: 1

TOOLS:

Refer to 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 DDW to obtain the latest repair time.

DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

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.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Front brake disc run-out check	70.12.15.01	0.40	42	SDB000624
Front hub run-out check	60.25.08.06	0.50		
Discs/pads front axle set - Renew - LR4	70.12.31	1.10		
Discs/pads front axle set - Renew - Range Rover Sport w/Standard brakes	70.12.31	0.70		
Discs/pads front axle set - Renew - Range Rover Sport w/High Performance brakes	70.12.31.36	1.00		

Normal Warranty policies and procedures apply

REPAIR PROCEDURE



NOTE: Technical Bulletin LTB00400, *Steering Wheel Shimmy / Vibration While Driving*, must be completed on eligible vehicles (as a separate claim). Only if the judder / vibration is still evident should the Repair Procedure outlined below be performed.

1. Before replacing brake discs and pads, refer to Workshop Manual, section 206-00: *Front Brake Disc Runout Check*, and 204-00: *Front Hub Runout Check*, to ensure that the judder condition is indeed being caused by excessive runout of the discs or hubs and not some other condition such as non-approved wheels / tires or damaged steering / suspension components.
 - If discs have excessive runout, refer to Workshop Manual, section 206-03: *Front Brake Disc*, and replace the front brake discs and pads.
 - If hub(s) have excessive runout, refer to Workshop Manual, section 204-01: *Front Wheel Bearing and Hub*, and replace the hub(s) as necessary. To be carried out as a separate claim.