



# TECHNICAL BULLETIN

No: LTB00167  
Issue: 2  
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CIRCULATE TO:

Service ✓

Parts ✓

Warranty ✓

Body Shop ✓

**ISSUE '2' CHANGES ARE HIGHLIGHTED WITH GRAY BACKGROUND**

**SECTION: 204**

## Stabilizer Bar Bushing Knock Noise

**AFFECTED VEHICLE RANGE:**

LR3 (LA)

VIN: 5A000360 - 9A512099

Model Year: 2005 - 2009

Range Rover Sport (LS) without Dynamic Response

VIN: 6A900129 - 9A215622

Model Year: 2006 - 2009

**CONDITION SUMMARY:**

**Situation:** While driving, a knock noise may be heard from the front or rear suspension. This may be caused by pre-compression in the stabilizer bar bushing or, with wear, paint removal causing free-play.



**NOTE:** Stabilizer bar packers must be installed to the front and rear stabilizer bars as a 'set' and only if the stabilizer bar bushings are serviceable. If the stabilizer bar bushings are *not* serviceable, refer to Microcat for the correct, updated stabilizer bar bushing. If fitting new, updated stabilizer bar bushings, do not install stabilizer bar packers.

**Action:** In the event of a customer concern of the above *and* if the stabilizer bar bushings are serviceable refer to the Repair Procedure outlined below to install front and rear stabilizer bar packers.

**PARTS:**

LR012410 .....Stabilizer bar packer kit

Qty: 1

**TOOLS:**

Refer to Workshop Manual (GTR) for any special tools required

**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.

Description	SRO	Time (hours)	Condition Code	Causal Part
Install stabilizer bar packers - Front and rear	60.10.89/37	0.60	42	RBX000571

*Normal warranty policy and procedures apply.*

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 the bulletin applies to a specific vehicle.

## REPAIR PROCEDURE

### INSTALL REAR STABILIZER BAR BUSHING PACKERS

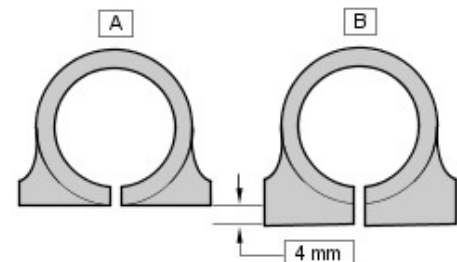


**NOTE:** Global Technical Reference (GTR) lookup sequence is as follows:  
GTR Home > NAS > Model > Service Information > Model Year > Workshop Manuals

1. Inspect the rear stabilizer bar bushings for:

- Free play by attempting to move the stabilizer bar within the bushing by hand.
- Cracks or splits
- 'Old' or 'New' style ('A' or 'B', Figure 1)

Figure 1



2. If any free play, cracks, or splits are found in the stabilizer bar bushings, refer to Workshop Manual (GTR) Section 204-02 to replace the rear stabilizer bar bushings; **do not** install stabilizer bar packers. To be carried out as a separate claim.

3. If 'New' style stabilizer bar bushings are fitted, **do not** install stabilizer bar packers. Diagnose as a separate claim.

4. If no free play, cracks, or splits are found in the stabilizer bar bushings, refer to Workshop Manual (GTR) Section 100-02 to raise and support the vehicle.

5. Loosen (do not remove) the two nuts on left and right-hand rear stabilizer bar bushing brackets.

6. Reposition stabilizer bar bushing / brackets to allow sufficient clearance between bushing and chassis. (Figure 2)

7. Install bushing packer between left and right-hand bushing and chassis. (Figure 2)



**CAUTION:** Ensure the bushing packer is not trapped between the stabilizer bar bushing bracket and chassis.

8. Tighten the two nuts on the left and right-hand stabilizer bar bushing brackets to **62 Nm (46 lbf ft)**.

Figure 2



### INSTALL FRONT STABILIZER BAR BUSHING PACKERS



**NOTE:** Global Technical Reference (GTR) lookup sequence is as follows:  
GTR Home > NAS > Model > Service Information > Model Year > Workshop Manuals

1. Inspect the front stabilizer bar bushings for:

- Free play by attempting to move the stabilizer bar within the bushing by hand.
- Cracks or splits
- 'Old' or 'New' style ('A' or 'B', Figure 1)

2. If any free play, cracks, or splits are found in the stabilizer bar bushings, refer to Workshop Manual (GTR) Section 204-02 to replace the front stabilizer bar bushings; **do not** install stabilizer bar packers. To be carried out as a separate claim.

3. If 'New' style stabilizer bar bushings are fitted, **do not** install stabilizer bar packers. Diagnose as a separate claim.

4. If no free play, cracks, or splits are found in the stabilizer bar bushings, refer to Workshop Manual (GTR) Section 100-02 to raise and support the vehicle.



5. Loosen (do not remove) the two nuts on left and right-hand front stabilizer bar bushing brackets.
6. Reposition stabilizer bar bushing / brackets to allow sufficient clearance between bushing and chassis. (Figure 3)
7. Install bushing packer between left and right-hand bushing and chassis. (Figure 3)



**CAUTION: Ensure the bushing packer is not trapped between the stabilizer bar bushing bracket and chassis.**

8. Tighten the two nuts on the left and right-hand stabilizer bar bushing brackets to **115 Nm (85 lbf ft)**.
9. Lower vehicle.

Figure 3

