



TECHNICAL BULLETIN

No: LS204-006
Issue: 2
Date: 10 Oct 2006

CIRCULATE: TO	Service Mgr X	Warranty X	Workshop X	Body Shop X	Parts X
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CHANGES MADE FOR ISSUE "2" ARE HIGHLIGHTED WITH GREY BACKGROUND

SECTION: 204-05 – SUSPENSION SYSTEM

Suspension Noise

AFFECTED VEHICLE RANGE:


Range Rover Sport (LS) **6A900129 to 6A960521**
With AJV8 supercharged engine or sport suspension pack

CONDITION SUMMARY:

SPORT SUSPENSION CREAKS

A customer may report a concern of a creak/squeak noise from the front and/or rear suspension under braking at low vehicle speeds – 15-25 kph (10-15 mph). The noise may also be evident when cornering and can be more pronounced in high ambient temperatures.

Cause: The creak is from the mounting bushings of the dynamic response system actuator bar and is caused by dust ingress increasing friction in the joint. This results in a 'stick/slip' action producing the creaking noise.

 **NOTE: A new stabilizer bar bushing, impregnated with Teflon, is now available to prevent the 'stick/slip' action.**

Action: Should a customer express concern regarding the above, refer to the Repair Procedure detailed in this bulletin to **replace** the bushings.

PARTS:

RVU500011	Front stabilizer bar bushing	Qty 2
RVU000022	Front stabilizer bar bushing	Qty 2
FY112057	M12 retaining nut - stabilizer bar link	Qty 2

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
Replace front stabilizer bar bushings	60.60.47	2.70	49	RVU000021
Replace rear stabilizer bar bushings	64.60.47	1.10	49	RVU000021

Normal warranty policy and procedures apply.

**NOTE: The information in Technical Information 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

REPLACE FRONT AND REAR STABILIZER BAR BUSHINGS



NOTE: GTR lookup sequence is as follows:

GTR Home > NAS > Service Information/ LS-Range Rover Sport/2006 > Workshop Manuals > Range Rover Sport Workshop Manual > Bookmark "204-06 Ride and Handling Optimization" > Link "Pipe Assembly/Front Stabilizer Bar Bushing (60.60.47)"

1. Refer to GTR Workshop Manual Section 204-06 (60.60.47) and remove the **front** stabilizer bar bushings. (Figure 1)



CAUTION: NO **chemical** cleaners or degreasers may be applied to the bushing or stabilizer bar.

2. Clean any dust/debris from both the stabilizer bar and the bushing with a **clean cloth**.



CAUTION: Ensure the stabilizer mounting bracket fasteners are tightened to the specified value.

3. Refer to GTR Workshop Manual Section 204-06 (60.60.47) and install the front stabilizer bar bushings.



NOTE: GTR lookup sequence is as follows:

GTR Home > NAS > Service Information/ LS-Range Rover Sport/2006 > Workshop Manuals > Range Rover Sport Workshop Manual > Bookmark "204-06 Ride and Handling Optimization" > Link "Pipe Assembly/Rear Stabilizer Bar Bushing"

4. Refer to GTR Workshop Manual Section 204-06 and remove the **rear** stabilizer bar bushings. (Figure 2)



CAUTION: **Chemical** cleaners or degreasers should not be used on the bushing or stabilizer bar.

5. Clean any dust/debris from both the stabilizer bar and the bushing with a **clean cloth**.



CAUTION: Ensure the stabilizer mounting bracket fasteners are tightened to the specified value.

6. Refer to GTR Workshop Manual Section 204-06 and install the rear stabilizer bar bushings.
7. Road test the vehicle to verify that the noise has been eliminated.

Figure 1

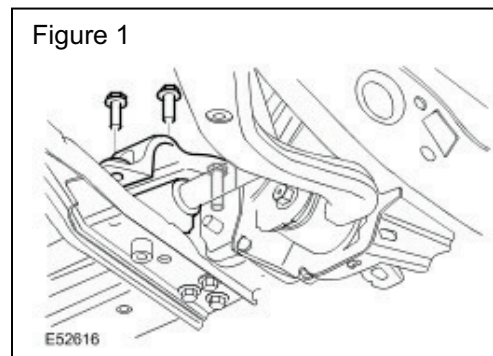


Figure 2

