



# TECHNICAL BULLETIN

No: LTB00103  
Issue: 3  
Date: 20 NOV 2009

CIRCULATE TO:

Service ✓

Parts ✓

Warranty ✓

Body Shop ✓

**ISSUE '3' CHANGES ARE EXTENSIVE AND THEREFORE NOT HIGHLIGHTED.  
THE PREVIOUS REPAIR PROCEDURE IS NO LONGER VALID AND  
MUST NO LONGER BE PERFORMED.**

## SECTION: 412

### 'Squeak' / 'Squeal' Noise After Selecting Recirculation

#### AFFECTED VEHICLE RANGE:

LR3 (LA)

VIN: 5A000303 - 8A450440

Model Year: 2005 - 2008

Range Rover Sport (LS)

VIN: 6A900290 - 7A999999

7A100001 - 8A130080

Model Year: 2006 - 2008

#### CONDITION SUMMARY:

**Situation:** After selecting 'Recirculation' on the climate control panel, a 'squeak' or 'squeal' noise is heard. The noise is generated by the movement between the two resin linkages due to dust contamination of the lubricating grease.



**NOTE:** The Repair Procedure has changed extensively. The previous Repair Procedure is no longer valid and must no longer be performed.

**Action:** In the event of a customer concern of the above, follow the Repair Procedure outlined below to lubricate the two recirculation flap resin linkages.

#### PARTS:



**NOTE:** Retailers must order in quantities of five (5) and will receive five (5) 5ml containers of grease in one (1) package.

LR020046 .....Recirculation flap grease

Qty: One (1) 5ml container per vehicle / repair

#### 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.



**NOTE:** The Repair Procedure has changed extensively. The previous Repair Procedure is no longer valid and must no longer be performed.

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
Control lever - Recirculation flap - Lubrication	80.10.89/38	0.20	42	JNC500010

*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 this bulletin applies to a specific vehicle.



**NOTE:** The Repair Procedure has changed extensively. The previous Repair Procedure is no longer valid and must no longer be performed.

## REPAIR PROCEDURE

### GREASE RECIRCULATION FLAP LINKAGES - LR3

1. Remove the instrument panel console. (Figure 1)
2. Remove the passenger side register trim panel:
  - Release the two clips.
3. Remove the stowage compartment tray. (Figure 3)
4. Turn ignition 'ON'.



**NOTE:** Ensure recirculation indicator is **NOT** illuminated.

5. Set climate control to 'Fresh Air' mode.
  - Once 'Fresh Air' mode is activated, the recirculation flap lever will be visible. (Figure 4)
6. Turn ignition 'OFF'.

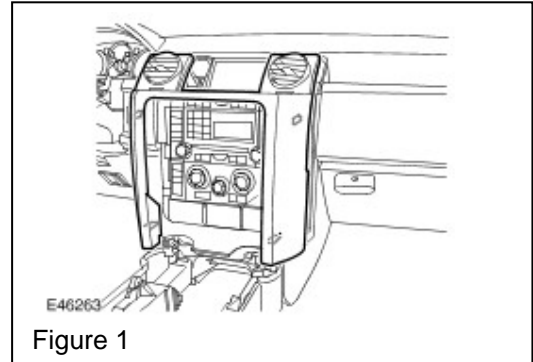


Figure 1

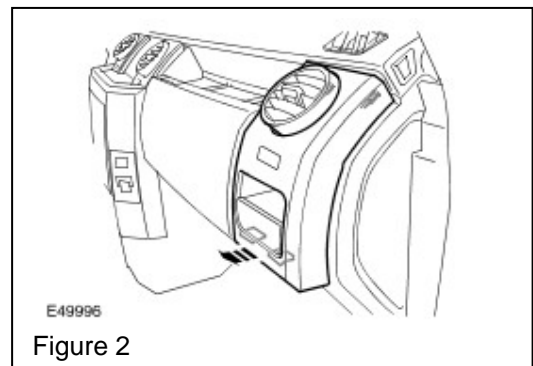


Figure 2

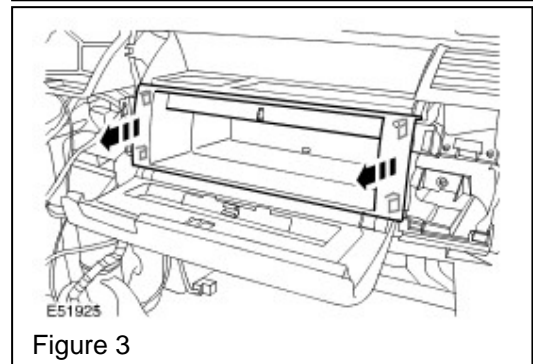


Figure 3

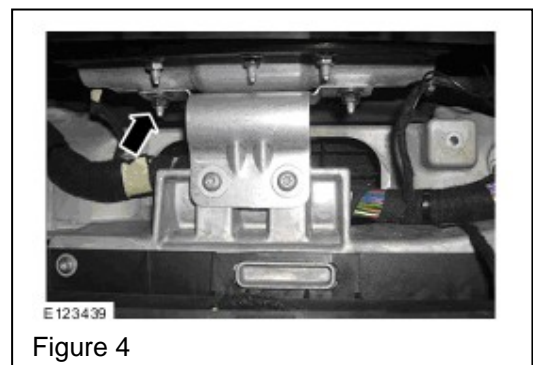


Figure 4

**NOTE:** Instrument panel cover removed for clarity.

7. Locate recirculation flap lever. (Figure 5)

**WARNING:** Observe all applicable health and safety precautions; wear protective gloves.

**WARNING:** Use only grease LR020046.

8. Apply grease to the lever slide: (Figure 6)
  - Approximate quantity as shown in Figure 6.
9. Turn ignition 'ON'.
10. Alternately select 'Recirculation' and 'Fresh Air' mode on the climate control panel to open / close the recirculation flap, distributing the grease on the lever.
  - It may be necessary to repeat the open / close cycle 10 times.
11. Verify noise has been eliminated.
12. Turn ignition 'OFF'.
13. If squeak / squeal noise is still evident, repeat steps 8 - 12.
14. Install stowage compartment tray.
15. Install the passenger side register trim panel.
16. Install the instrument panel console.



Figure 5



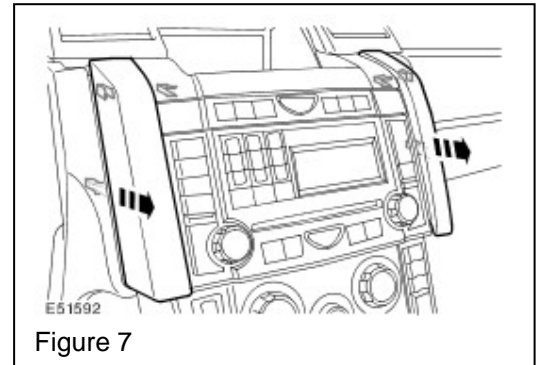
Figure 6



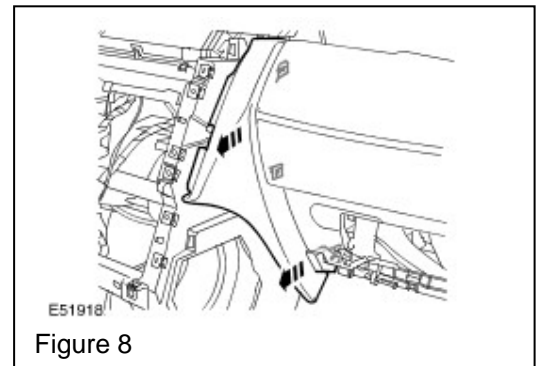
**NOTE: The Repair Procedure has changed extensively. The previous Repair Procedure is no longer valid and must no longer be performed.**

## GREASE RECIRCULATION FLAP LINKAGES - RANGE ROVER SPORT

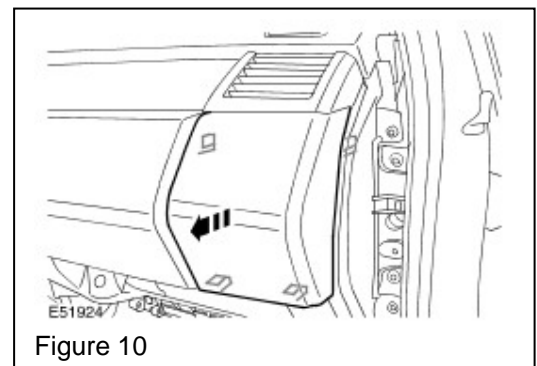
1. Remove the audio side trim panel. (Figure 7)
  - Release the four clips.



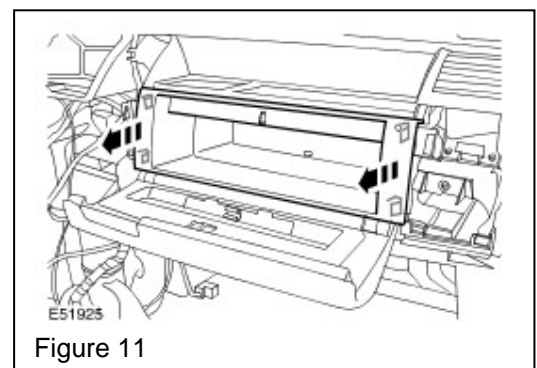
2. Remove the center reinforcement trim panel. (Figure 8)



3. Remove the stowage compartment side trim panel: (Figure 9)



4. Remove the stowage compartment tray. (Figure 11)



5. Turn ignition 'ON'.



**NOTE: Ensure recirculation indicator is NOT illuminated.**

6. Set climate control to 'Fresh Air' mode.

- Once 'Fresh Air' mode is activated, the recirculation flap lever will be visible. (Figure 12)

7. Turn ignition 'OFF'.



**NOTE: Instrument panel cover removed for clarity.**

8. Locate recirculation flap lever. (Figure13)



**WARNING: Observe all applicable health and safety precautions; wear protective gloves.**



**WARNING: Use only grease LR020046.**

9. Apply grease to the lever slide: (Figure 14)

- Approximate quantity as shown in Figure 14.

10. Turn ignition 'ON'.

11. Alternately select 'Recirculation' and 'Fresh Air' mode on the climate control panel to open / close the recirculation flap, distributing the grease on the lever.

- It may be necessary to repeat the open / close cycle 10 times.

12. Verify noise has been eliminated.

13. Turn ignition 'OFF'.

14. If squeak / squeal noise is still evident, repeat steps 9 - 13.

15. Install stowage compartment tray.

16. Install the stowage compartment side trim panel

17. Install the center reinforcement trim panel.

18. Install the audio side trim panel.



Figure 12



Figure 13



Figure 14