



# TECHNICAL BULLETIN

No: LTB00218  
Issue: 1  
Date: 20 MAY 2010

CIRCULATE TO:

SERVICE ✓

PARTS ✓

WARRANTY ✓

BODY SHOP ✓

## SECTION: 501

## Water Leak Into Footwell From Roof Opening Panel Drain Tube

### AFFECTED VEHICLE RANGE:

LR3 (LA)

VIN: 5A000360 - 8A488788

Model Year: 2005- 2008

Range Rover Sport (LS)

VIN: 6A900129 - 8A185582

Model Year: 2006 - 2008

### CONDITION SUMMARY:

**Situation:** Water may leak into the passenger compartment footwell. This may be caused by a roof opening panel drain tube coming apart, allowing water to drain into the vehicle.



**NOTE:** Refer to Technical Bulletin LTB00034 (Range Rover Sport) or LTB00217 (LR3) for passenger compartment water ingress diagnosis information, including additional information for roof opening panel drain tube repairs.

**Action:** In the event of a customer concern of the above, refer to the Repair Procedure outlined below to perform a drain tube flow test and repair as indicated.

### PARTS:

EEH500120.....Drain tube

Qty: 1

### TOOLS:

Refer to Workshop Manual (GTR) 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.

Description	SRO	Time (hours)	Condition Code	Causal Part
Drain tube flow test	75.10.89/38	0.20	33	EEH500120
Replace drain tube connector - Rear - LR3	76.84.89/36	0.30		
Replace drain tube connector - Rear - Range Rover Sport	76.84.89/36	0.10		
Replace drain tube connector - Front driver-side - LR3 / Range Rover Sport	76.84.89/34	0.20		
Replace drain tube connector - Front passenger-side - LR3 / Range Rover Sport	76.84.89/35	1.00		

*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.

## REPAIR PROCEDURE

### PERFORM DRAIN TUBE FLOW TEST



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



**NOTE:** If water flows from all roof opening panel drain tubes, refer to Technical Bulletin LTB00034 (Range Rover Sport) or LTB00217 (LR3); to be carried out as a separate claim.

1. Refer to Workshop Manual (GTR) section 501-25C / D, *Body Repairs - Water Leaks*, and perform a drain tube flow test.
  - If water *is not* flowing from rear drain tube(s), refer to *Install New Drain Tube Connector - Rear* below.
  - If water *is not* flowing from front drain tube(s), refer to *Install New Drain Tube Connector - Front* below.
  - If water *is* flowing from all roof opening panel drain tubes, refer to Technical Bulletin LTB00034 (Range Rover Sport) or LTB00217 (LR3); to be carried out as a separate claim.

### INSTALL NEW DRAIN TUBE CONNECTOR - REAR - LR3



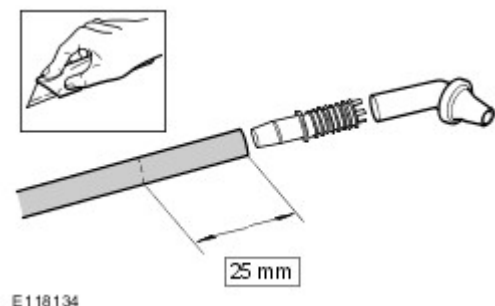
**NOTE:** Global Technical Reference (GTR) lookup sequence is as follows:  
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1. Refer to Workshop Manual (GTR) section 501-05, *Interior Trim and Ornamentation* (76.13.34), and remove the affected side's (LH or RH) C-Pillar Upper Trim Panel.
2. Release the rear door weatherstrip for access.
3. Release the roof opening panel drain tube from the lower drain grommet. (Figure 1)
4. Remove the drain tube connector from the new drain tube (EEH500120) and discard the new drain tube.
5. Trim **25mm (1.0 in)** from the end of the existing roof opening panel drain tube. (Figure 2)
6. Install the new drain tube connector into the existing roof opening panel drain tube.
7. Install the roof opening panel drain tube into the lower drain grommet.
8. Install the rear door weatherstrip.
9. Refer to Workshop Manual (GTR) section 501-05, *Interior Trim and Ornamentation* (76.13.34), and install the C-Pillar Upper Trim Panel.

Figure 1



Figure 2



## INSTALL NEW DRAIN TUBE CONNECTOR - REAR - RANGE ROVER SPORT

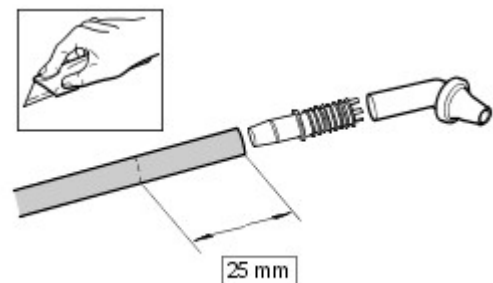
**NOTE:** Global Technical Reference (GTR) lookup sequence is as follows:  
**GTR Home > NAS > Model > Service Information > Model Year > Workshop Manual**

1. Refer to Workshop Manual (GTR) section 501-05, *Interior Trim and Ornamentation (76.13.22)*, and remove the affected side's (LH or RH) Load Space Trim Panel.
2. Release the rear door weatherstrip for access.
3. Release the roof opening panel drain tube from the lower drain grommet. (Figure 3)
4. Remove the drain tube connector from the new drain tube (**EEH500120**) and discard the new drain tube.
5. Trim **25mm (1.0 in)** from the end of the existing roof opening panel drain tube. (Figure 4)
6. Install the new drain tube connector into the existing roof opening panel drain tube.
7. Install the roof opening panel drain tube into the lower drain grommet.
8. Install the rear door weatherstrip.
9. Refer to Workshop Manual (GTR) section 501-05, *Interior Trim and Ornamentation (76.13.22)*, and install the Load Space Trim Panel.

Figure 3



Figure 4

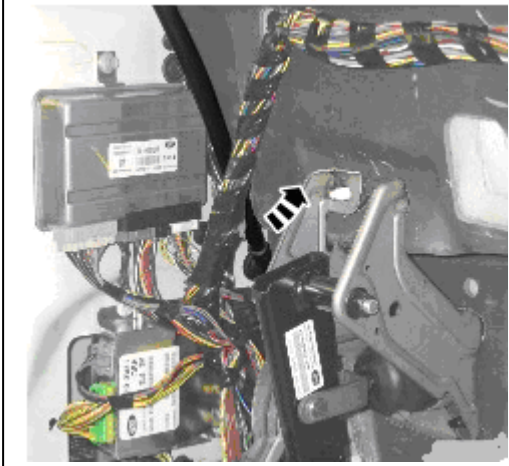


## INSTALL NEW DRAIN TUBE CONNECTOR - FRONT - DRIVER-SIDE

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

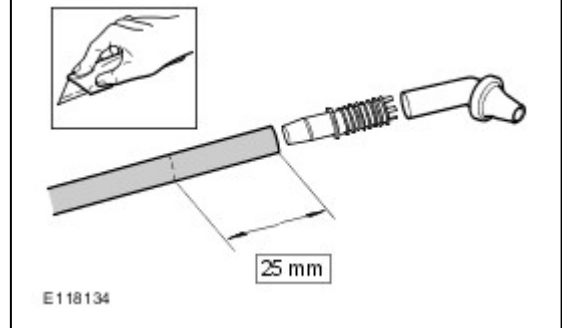
1. Refer to Workshop Manual (GTR) section 501-05, *Interior Trim and Ornamentation (76.19.26)*, and remove the LH A-Pillar Trim Panel.
2. Release the roof opening drain tube from the lower drain grommet. (Figure 5)
3. Remove the drain tube connector from the new drain tube (**EEH500120**) and discard the new drain tube.

Figure 5



4. Trim **25mm (1.0 in)** from the end of the existing roof opening panel drain tube. (Figure 6)
5. Install the new drain tube connector into the existing roof opening panel drain tube.
6. Install the roof opening panel drain tube into the lower drain grommet.
7. Refer to Workshop Manual (GTR) section 501-05, *Interior Trim and Ornamentation* (76.19.26), and remove the LH A-Pillar Trim Panel.

Figure 6



## INSTALL NEW DRAIN TUBE CONNECTOR - FRONT - PASSENGER-SIDE

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

1. Refer to Workshop Manual (GTR) section 418-00, *Module Communications Network* (86.70.56), and remove the Central Junction Box (CJB).
2. Remove the CJB bracket: (Figure 7)
  - Remove the four bolts.
3. Release the roof opening drain tube from the lower drain grommet. (Figure 5)
4. Remove the drain tube connector from the new drain tube (**EEH500120**) and discard the new drain tube.
5. Trim **25mm (1.0 in)** from the end of the existing roof opening panel drain tube. (Figure 8)
6. Install the new drain tube connector into the existing roof opening panel drain tube.
7. Install the roof opening panel drain tube into the lower drain grommet.
8. Install the CJB bracket.
9. Refer to Workshop Manual (GTR) section 418-00, *Module Communications Network* (86.70.56), and install the CJB.

Figure 7

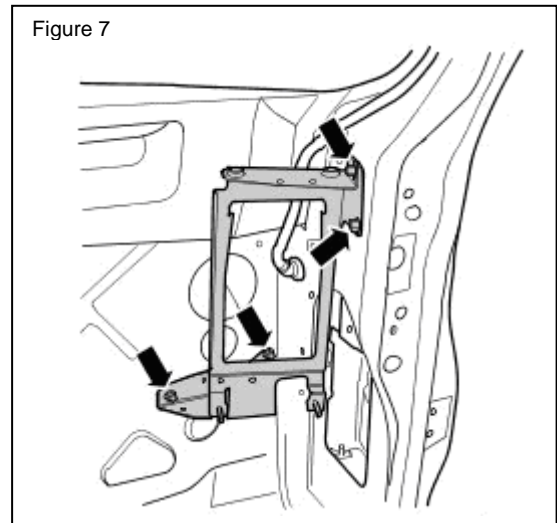
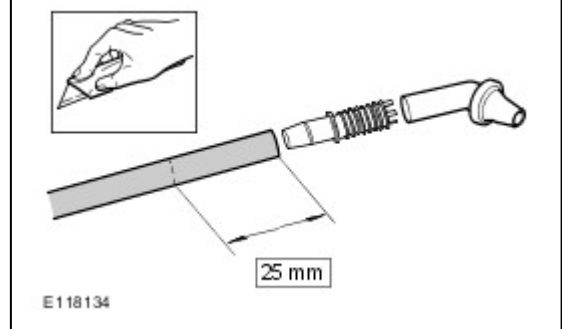


Figure 8



## PERFORM DRAIN TUBE FLOW TEST

**NOTE:** Global Technical Reference (GTR) lookup sequence is as follows:  
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1. Refer to Workshop Manual (GTR) section 501-25C / D, *Body Repairs - Water Leaks*, and perform a drain tube flow test, ensuring water flows from all roof opening panel drain tubes.