

# TECHNICAL BULLETIN

LTB00007v2

31 MAY 2007



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This reissue replaces all previous versions. Please destroy all previous versions. Only refer to the electronic version of this TSB in TOPIx.

This bulletin supersedes TSB LTB00007/2006 dated 13 NOV 2006, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). Only refer to the electronic version of this TSB in TOPIx.

## SECTION: 419-07 (86 - Navigation System)

### Navigation System Inoperable/Rear Quarter Water Ingress

#### AFFECTED VEHICLE RANGE:

Range Rover (LM) - Vehicles  
with satellite navigation

VIN:

Up to 6A226169

#### MARKETS:

All

#### CONDITION SUMMARY:

Situation:

A customer may report a concern that the satellite navigation system does not operate and only displays the Land Rover logo. In some cases the radio and/or the telephone bluetooth functionality may also be inoperative.

This Version has been issued due to a change in the Service Procedure to carry out L8803BU, in order to ensure the route cause of the water ingress is also investigated.

Cause: Water ingress in the area of the left-hand rear quarter light glass or body panel may enter into the navigation unit resulting in the above complaint. However, in extreme conditions water ingress may effect any/all of the following modules (dependent upon model year and vehicle specification):

- Telephone control unit (TCU).
- DVD player.
- Satellite digital audio radio system (SDARS) tuner/receiver - (NAS only).
- Power amplifier.

Action: Should a customer express concern regarding the above, refer to the Service Procedure detailed in this bulletin to install water ingress protection when renewing the navigation unit.

#### PARTS:

EOT500030

Shedder - tail door

Quantity: 1

#### 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 TOPIx to obtain the **latest repair time.**



**NOTE:** 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	CONDITION	CAUSAL
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			CODE	PART
Computer - navigation - renew - up to 4A999999	86.53.01	0.10 hours	42	YIB000080
Computer - navigation - renew - from 5A000001 to 6A999999	86.53.01	0.20 hours		
Install water shedder - up to 4A999999	76.13.89/37	0.10 hours		
Install water shedder - from 5A000001 to 6A999999	76.13.89/37	0.80 hours		

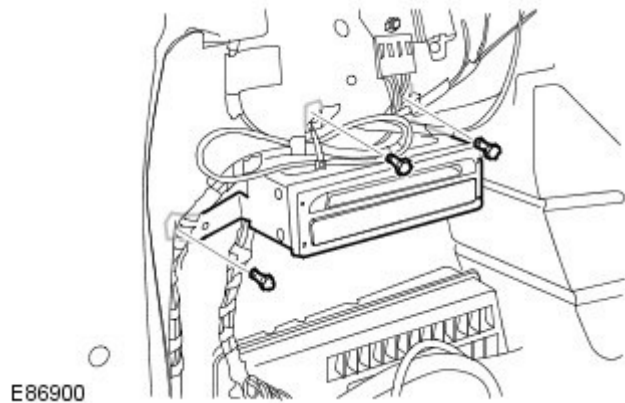


**NOTE:** Normal Warranty policies and procedures apply.

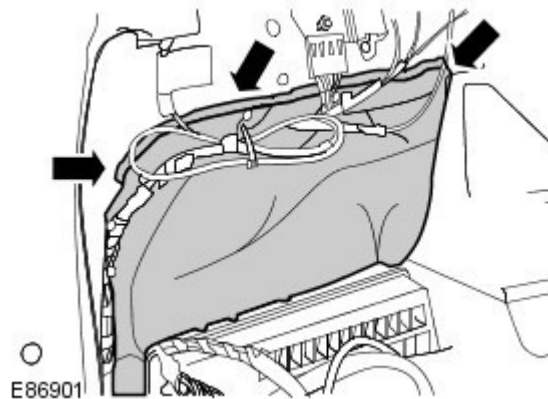
## SERVICE PROCEDURE:

### Vehicles up to 05MY

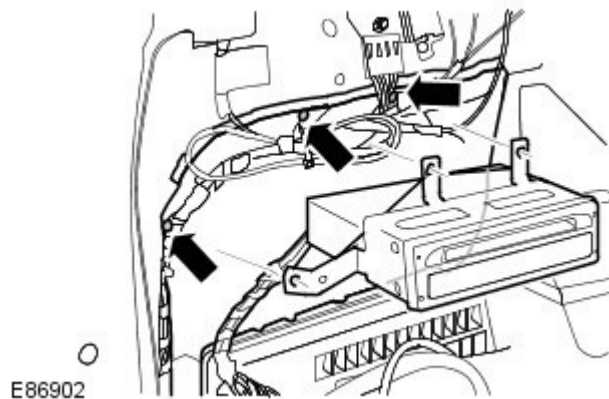
1. Remove the navigation unit mounting bracket.




2. Remove the backing paper from the water shedder.
3. Position the shedder in the vehicle as shown, using the sealant strip secure in position.



4. Pierce three holes in the shedder in line with the navigation unit mounting studs.



5. Install the navigation unit mounting bracket.

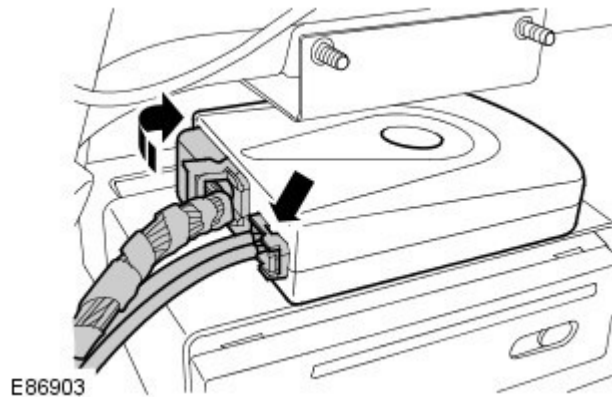
6.  NOTE: Please carry out Technical Bulletin L8803BU in order to ensure the route cause of the water ingress is also investigated. To be carried out as a separate Warranty Claim.

Install the navigation system computer. For additional information, refer to Range Rover Workshop Manual Section 86-7, NAVIGATION AND IN CAR ENTERTAINMENT - Computer - navigation up to 05MY (86.53.01).

## SERVICE PROCEDURE:

### Vehicles from 05MY

1. Remove the rear sub-woofer:
  1. Remove the left-hand rear quarter lower trim casing.
  2. Remove the two bolts securing the quarter trim support bracket and remove bracket.
  3. Disconnect electrical connector from the subwoofer.
  4. Remove the two plastic nuts and two bolts securing the subwoofer.
  5. Carefully remove subwoofer.
2. Remove the traffic message channel (TMC). For additional information, refer to Range Rover Workshop Manual Section 86-7, NAVIGATION AND IN CAR ENTERTAINMENT - Tuner - traffic message channel (TMC) from 05MY (86.53.60).
3. Remove the navigation system computer. For additional information, refer to Range Rover Workshop Manual Section 86-7, NAVIGATION AND IN CAR ENTERTAINMENT - Computer - navigation up to 05MY (86.53.01).
4. Disconnect the fiber optic connection and the electrical connector from the telephone control unit (TCU).




5.  NOTE: Electrical connection not required, remove for access only.

Remove the rear seat entertainment interface unit upper bracket and position aside. For additional information, refer to Range Rover Workshop Manual Section 86-7, NAVIGATION AND IN CAR ENTERTAINMENT - Rear seat entertainment interface module (86.53.48).

6. Remove the five bolts and two nuts securing the TCU, DVD player and navigation unit mounting bracket and release the bracket.
7. Remove the backing paper from the water shedder.
8. Place the shedder in the vehicle, locating the two pierced holes over the studs.



9. Ensure the shedder is pushed down behind the TCU, DVD player and navigation unit mounting bracket.
10. Apply pressure along the sealant strip, ensuring good adhesion to the vehicle.
11. Install the TCU, DVD Player and Navigation Unit mounting bracket and tighten the bolts and nuts to 10Nm (7lb-ft).
12. Install the rear seat entertainment interface unit.
13. Install the rear seat entertainment interface unit upper bracket and secure with the screws. Tighten the bolts to 10Nm (7lb-ft).
14. Connect the fiber optic connection and the electrical connector to the TCU.
15. Remove the traffic message channel (TMC).
16.  **NOTE:** Please carry out Technical Bulletin L8803BU in order to ensure the route cause of the water ingress is also investigated. To be carried out as a separate Warranty Claim.

Install the sub woofer.