

**SERVICE**

**TECHNICAL BULLETIN**

Water Ingress Around Roof Opening Panel –  
Restricted Drain Tubes –  
Check/Reposition Drain Tubes

MODEL 2004-05 MY  
XJ range  
VIN G00001-G38526

Remove and destroy Bulletin XJ501-13, dated 03/05.  
Replace with this Bulletin.  
Revisions are marked with a bar and in **bold text**.

**Issue:**

Some 2004 MY-on XJ range vehicles may exhibit water ingress from the roof opening panel area, staining of the head lining, and possible instrument pack warning light illumination. The roof opening panel rear drain tubes may be restricted preventing the water from draining away. This condition may lead to water spilling onto the headlining and/or running down the D-pillar area and accumulating in the rear seat pan, leading to potential corrosion to connectors FP002 and FP006.

**Action:**

Should a customer express concern, check that the roof opening panel drain tubes are draining correctly, and reposition the drain tubes if required. Follow the Service Instruction outlined below.

REPAIR PROCEDURE

1. Drive the vehicle onto a suitable raised surface so the front wheels are approximately 75 mm (3 in) higher than the rear wheels (Illustration 1).

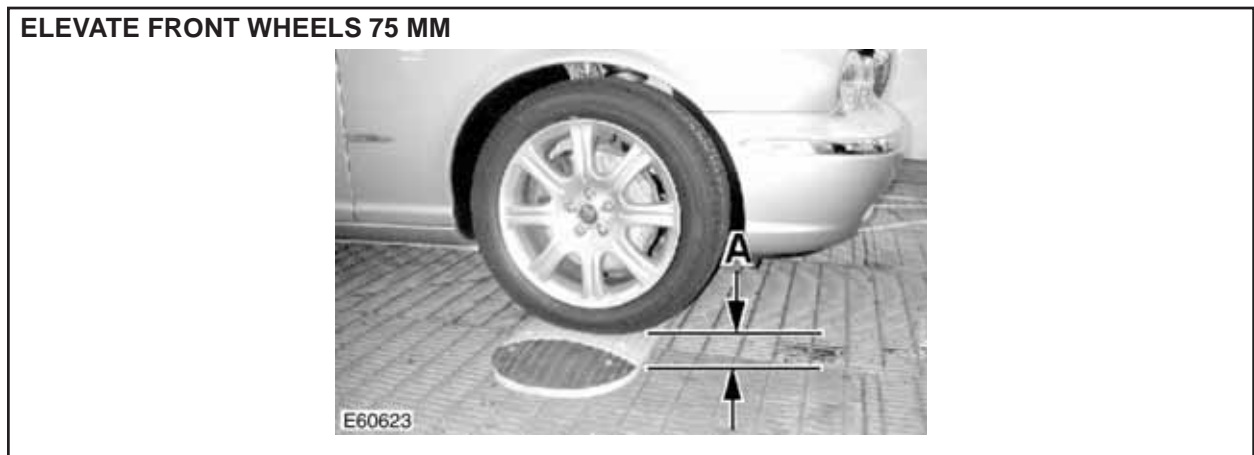


ILLUSTRATION 1

**NOTE: THE INFORMATION IN TECHNICAL BULLETINS IS INTENDED FOR USE BY TRAINED, PROFESSIONAL TECHNICIANS WITH THE KNOWLEDGE, TOOLS, AND EQUIPMENT 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." DO NOT ASSUME THAT A CONDITION DESCRIBED AFFECTS YOUR CAR. CONTACT A JAGUAR DEALER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.**

2. Open the roof opening panel and ensure the ignition is turned 'OFF'.

**⚠ Caution:** When pouring water into the channel, make sure it does not overflow and run over the roof opening panel mechanism into the vehicle cabin.

3. Use a suitable container/bottle to slowly pour water into the roof opening panel drainage channel (Illustration 2).

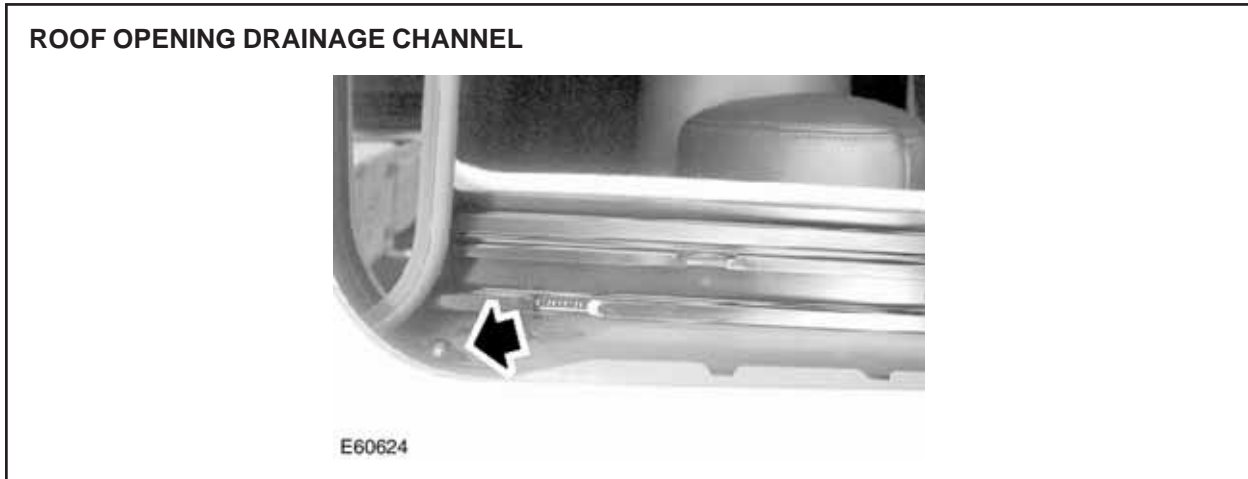


ILLUSTRATION 2

4. With assistance, look for water flowing onto the floor from the drain tubes located behind the rear wheels (Illustration 3).

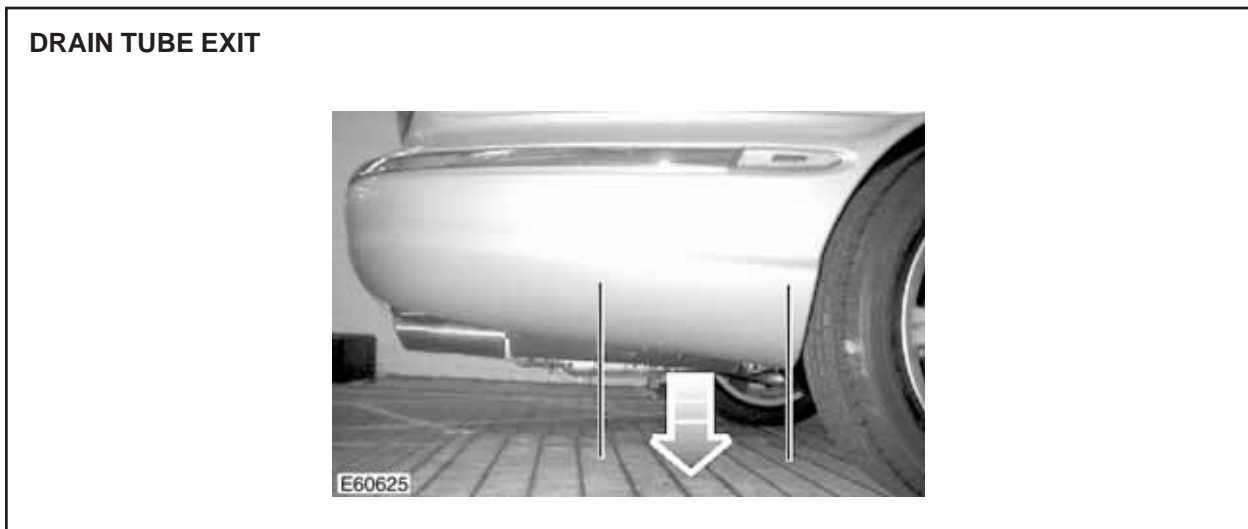


ILLUSTRATION 3

5. Repeat step 3 for the opposite side of the roof opening panel.  
If the water drains from both drain tubes, follow Technical Service Bulletin XJ501-07 to identify the source of the water ingress. If the water does not drain from both drain tubes, carry on from step 6.
6. Disconnect the battery (see Global Technical Reference GTR Workshop Manual, section: 414-01).

7. Remove the high mounted stoplamp (see Global Technical Reference GTR Workshop Manual, section: 417-01).
8. Place suitable protective material on the rear parcel shelf.
9. Locally detach the weather strip from the rear door aperture.

**⚠ Caution:** Do not detach the C-pillar upper trim panel retaining strap from the body. Do not detach the rear safety belt.

10. Carefully detach the C-pillar upper trim panel. Slide the retaining strap downwards to detach the strap from the trim panel, and place the trim panel on the rear parcel shelf (Illustration 4).

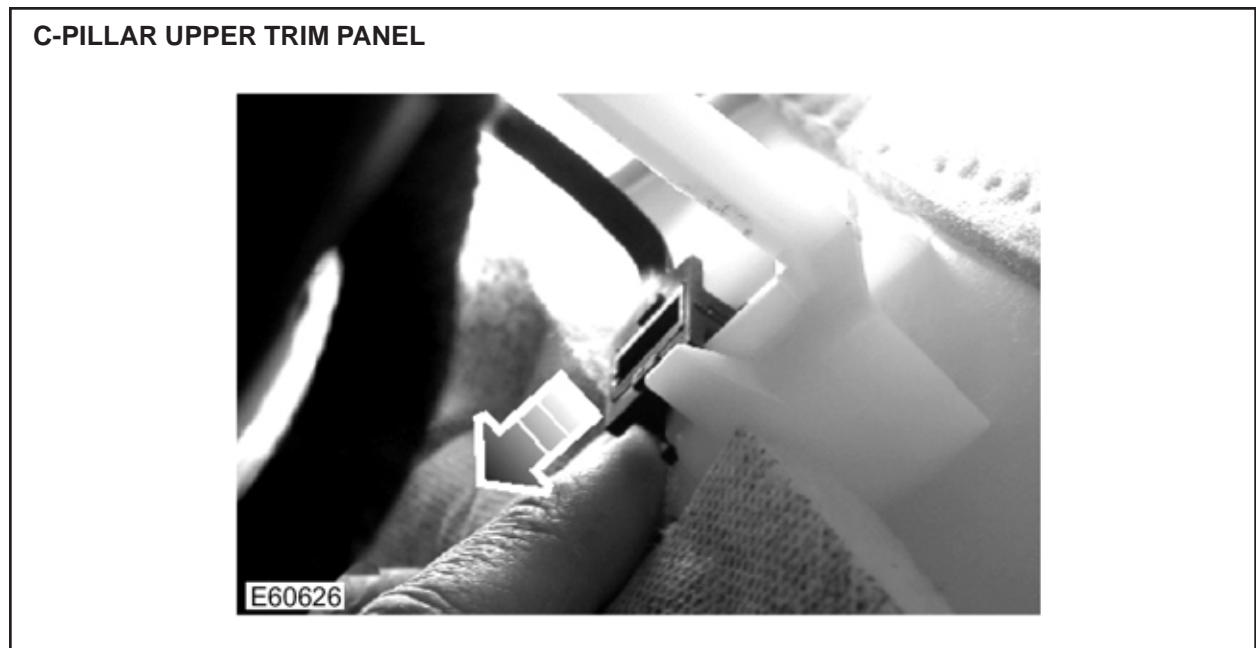


ILLUSTRATION 4

11. Note the fitted position of the washers and then remove the rear occupant assistance handle (Illustration 5).

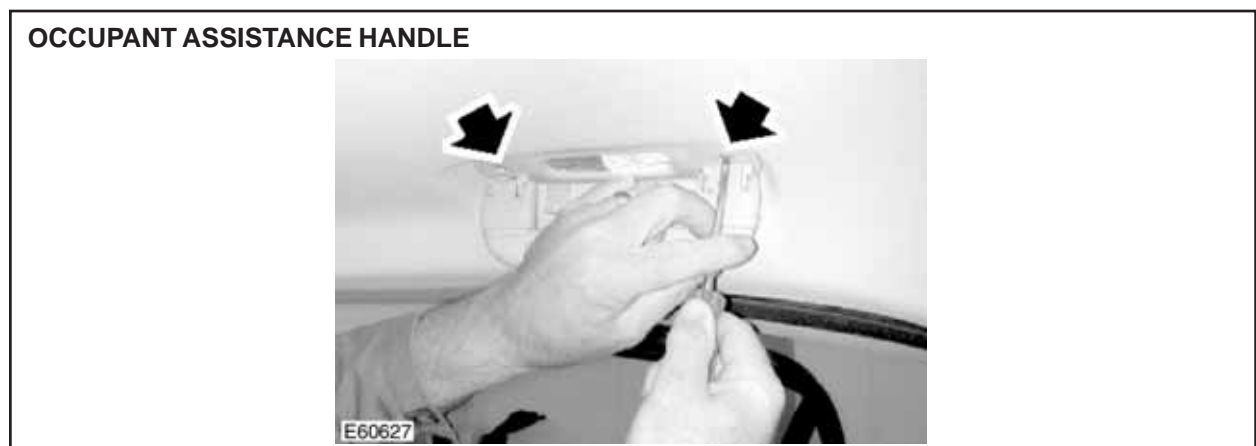


ILLUSTRATION 5

12. Carefully lower the rear corner of the headlining sufficiently to gain access to the drain tube.
13. Remove and discard the adhesive tape securing the drain tube to the roof panel.
14. Reposition the drain tube between the white foam blocks (Illustration 6).

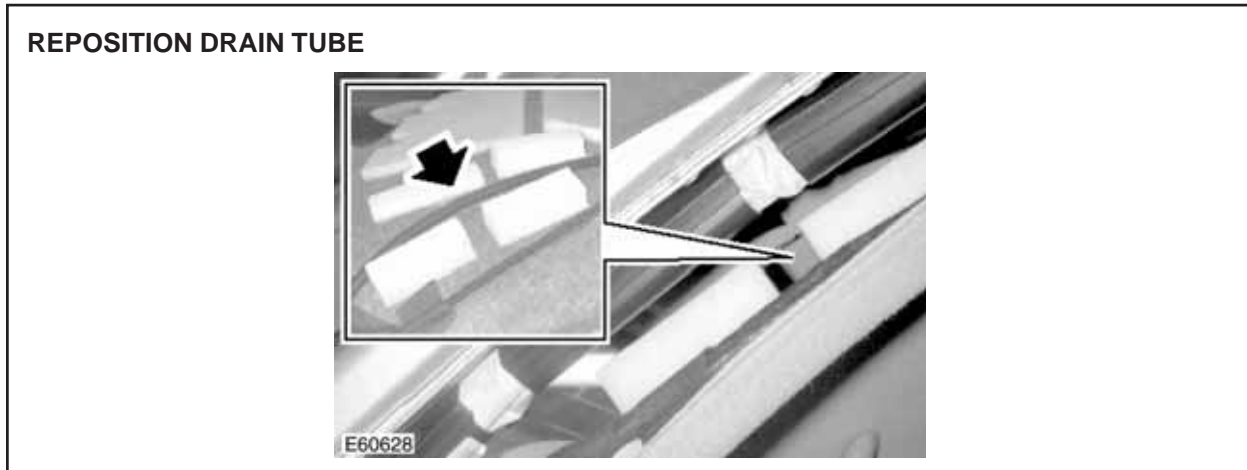


ILLUSTRATION 6

15. Reposition the headlining to the roof panel, ensuring the drain tube remains between the white foam blocks.
16. Position the rear occupant assistance handle to the headlining, ensuring the washers are fitted correctly. Install screws and torque to 1.5 Nm (1.11 lbf.ft).
17. Reposition excess drain tube downwards past parcel shelf edge.

**⚠ Caution:** When pouring water into the channel, make sure it does not overflow and run over the roof opening panel mechanism into the vehicle cabin.

18. Using a suitable container/bottle slowly pour water into the roof opening panel drainage channel.
19. With assistance, look for water flowing onto the floor from the drain tubes behind the rear wheels.
20. If water is not flowing from the drain tube, remove the rear occupant assistance handle and carefully lower the rear corner of the headlining sufficiently to gain access to the drain tube. Reposition the drain tube and retest until water flows from the tube. Reposition the headlining to the roof opening panel and reinstall the rear occupant assistance handle.

**⚠ Caution:** Ensure the retaining strap is fully located to the C-pillar trim panel.

21. Install the retaining strap to the C-pillar upper trim panel, install and fully seat the upper C-pillar trim (Illustration 7).

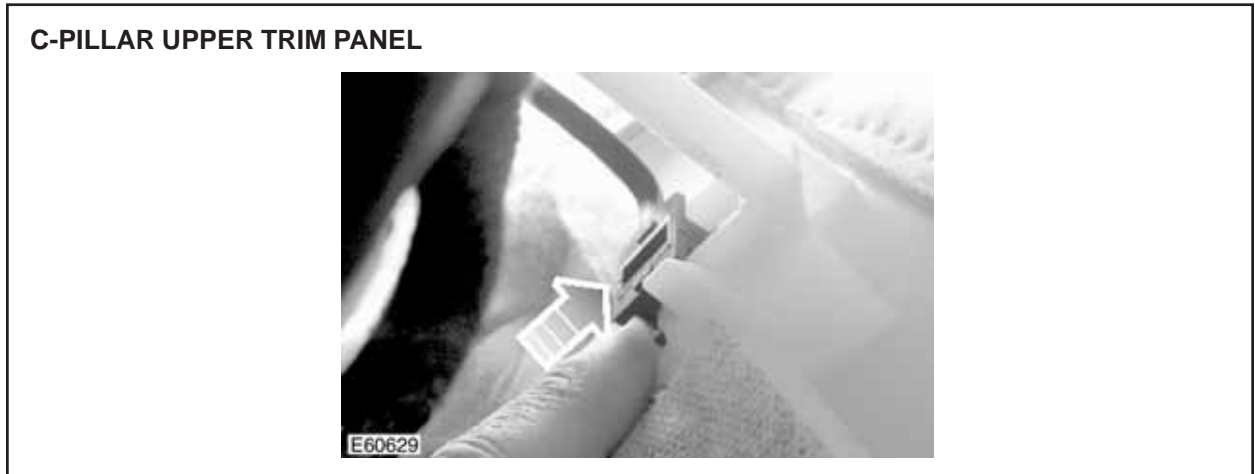


ILLUSTRATION 7

22. Locally install and seat the weather strip to the rear door aperture.
23. If required carry out steps 9 to 22 for the opposite side of the roof opening panel.
24. Remove the protective material from the rear parcel shelf.
25. Install the high mounted stoplamp (see Global Technical Reference GTR Workshop Manual, section: 417-01).

**⚠ Caution:** When pouring water into the channel, make sure it does not overflow and run over the roof opening panel mechanism into the vehicle cabin.

26. Using a suitable container/bottle slowly pour water into the roof opening panel drainage channel.

27. With assistance, look for water flowing onto the floor from the drain tubes behind the rear wheels (Illustration 8).

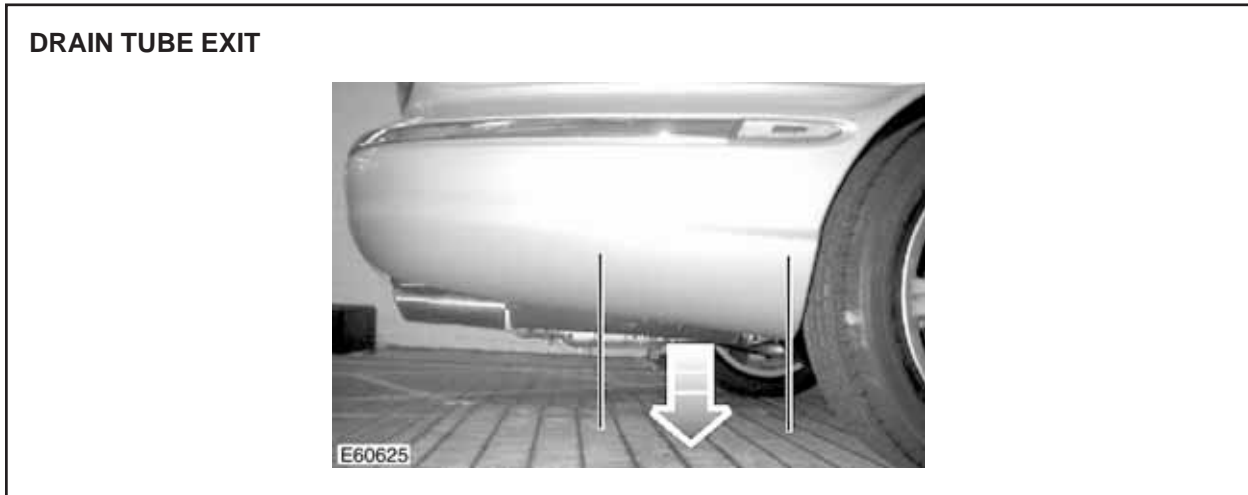


ILLUSTRATION 8

28. Connect the battery (see Global Technical Reference GTR Workshop Manual, section: 414-01).
29. Close the roof opening panel.
30. Close the door.

**Global Technical Reference (GTR) Workshop Manual Information:**

Dealer access: <https://hub.franchise.jaguar.com>

Internet access: <http://www.jaguartechno.com>

**Parts Information:**

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
N/A	-	-

**Warranty Information:**

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Description	SRO	Time	Causal Part Number
Check water drain and reposition drain tube - one side only (without removing seals)	<b>76.94.69/04</b>	0.4 hrs.	C2C 19603
Check water drain and reposition drain tube - both sides (without removing seals)	<b>76.94.69/05</b>	0.6 hrs.	C2C 19603