



Technical Service Bulletin

No. B501-07v2
22 April 2005

Reissue/Reissue

Please replace the previous edition of this bulletin. Please replace the previous edition of this bulletin.

This bulletin supersedes TSB This bulletin supersedes TSB B501-07/2004 dated 06 February, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page).

Subject/Concern/Concern:	Possible Causes of Water Ingress into the Vehicle
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Models/Models:	XJ Range	VIN-range: G00442 Onwards
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Markets/Markets: All

Section/Section: 501-01

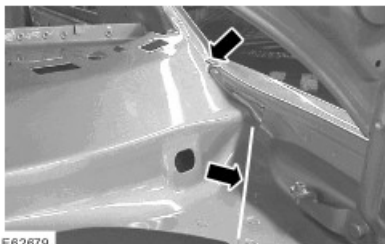
<p>Summary/Summary:</p> <p>This bulletin has been issued for information only to aid technicians in identifying the possible areas of water ingress into the vehicle.</p> <p>Version 2 of this Technical Bulletin has been issued to add further possible water ingress points.</p> <p>Should a customer express concern, and having located the point of water ingress, the appropriate remedial action should then be carried out.</p>
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Service Information

Possible Water Ingress Points into the Vehicle

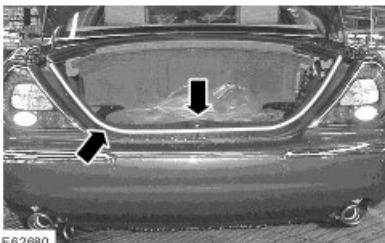
Water Ingress around the luggage compartment

- 11 . **Issue:** Water ingress into the spare wheel well and the luggage compartment carpet is wet towards the front of the luggage compartment. **Possible Cause:** Hole in sealer between the rear fender and bottom corner of backlight panel, or forward channel seam leaking.



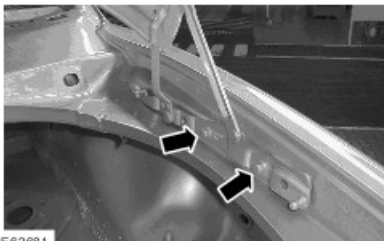
E62679

- 22 . **Issue:** Water ingress into the spare wheel well and the luggage compartment carpet is wet. **Possible cause:** Water tracking underneath the luggage compartment aperture seal.

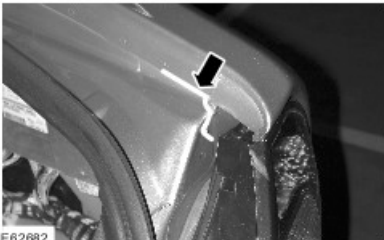


E62680

- 33 . **Issue:** The luggage compartment carpet is wet at one or both sides. **Possible cause:** Water ingress through luggage compartment lid hinge securing bolts.



- 44 . **Issue:** The luggage compartment carpet is wet towards the rear of the luggage compartment. **Possible cause:** Rear fender seam leaking.



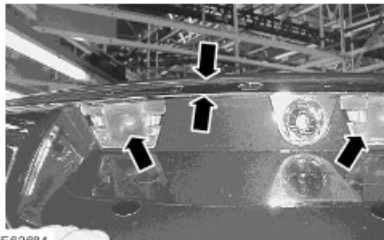
- 55 . **Issue:** Water ingress onto the spare wheel well. **NOTENOTE:** Water leak mainly from vertical part of the seam.

Possible cause: Luggage compartment floor seams leaking.



- 66 . **Issue:** Water ingress into the rear number plate lamps. **NOTENOTE:** Foam attached to finisher may be distorted.

Possible cause: Luggage compartment trim finisher not correctly sealed to the luggage compartment lid.



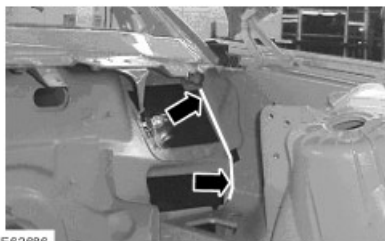
Water Ingress into front footwells

- 77 . **Issue:** Water ingress into the driver footwell. **NOTENOTE:** Apply a suitable wet sealant to the area shown.

Possible cause: Water can track between the 'body in white' panels where the lower steering column exits the bulkhead.



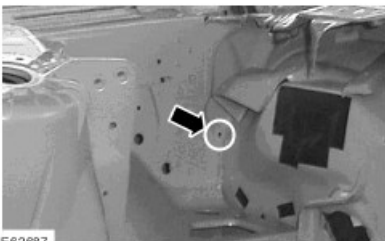
- 88 . **Issue:** Water ingress into the front footwells. **Possible cause:** Inner front fender to bulkhead seams leaking.



E62686

- 99 . **Issue:** Water ingress into the front passenger footwell. **NOTENOTE:** On driver side this hole is used to mount the plenum drain tube. On passenger side a blanking patch is installed.

Possible cause: Patch over hole can leak water.



E62687

- 1010 **Issue:** Water ingress into the front footwell. **Possible cause:** Water ingress from harness grommet under front wheel arch.

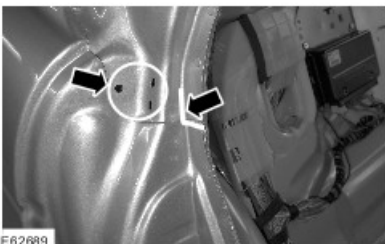


E62688

Water Ingress into the rear of the cabin

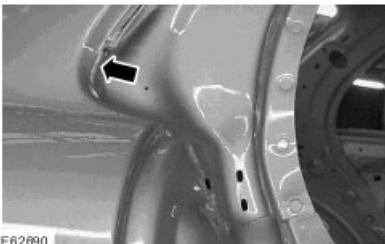
- 1111 **Issue:** Sill carpet wet at rear. **NOTENOTE:** Remove rubber finisher and apply a suitable wet sealant (to the areas shown) to block the water path.

Possible cause: Water tracks under the rubber finisher along the C-pillar/door shut joint and/or behind the rubber finisher fixings, then down along draft welt.



E62689

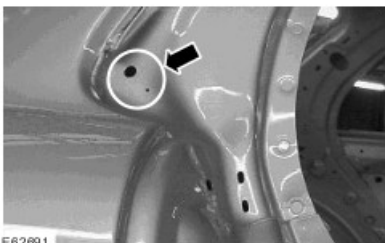
- 1212 **Issue:** Water ingress into the cabin. **Possible cause:** Water can run from the drain channel, behind the putty, and then down onto the inner wheel arch. From here the water can run forwards into the cabin.



E62690

- 1313 **Issue:** Water ingress into the cabin. **NOTENOTE:** Pull away finisher for access, remove two fixings securing the drain channel clip and apply a suitable wet sealant around the fixing holes (areas shown) to block the water path.

Possible cause: Water ingress through the drain channel finisher fixings.

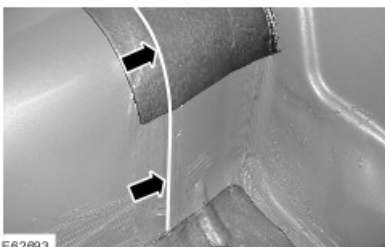


1414 **Issue:** Water ingress into the rear of the cabin. **Possible cause:** Water ingress through the seams by the rear seat.



1515 **Issue:** Long Wheel Base Vehicles Only - Water ingress into the left-hand and right-hand rear footwells.
NOTENOTE: Illustration, right-hand shown left-hand similar.

Possible cause: Water ingress through the long wheel base extension seem, left-hand and right-hand side.



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