

Entry Of Water Into Vehicle –
Possible Sources

MODEL 2004 MY-ON
XJ range

VIN G00001-ON

Remove and destroy Bulletin XJ501-07, dated 02/04.
Replace with this Bulletin.
Revisions are marked with a bar and in **bold text**.

Issue:

This bulletin provides information to aid technicians in determining possible areas of water entry into the vehicle.

Action:

In case of a verified customer concern, locate the point of water ingress, and perform the appropriate repair.

POSSIBLE POINTS OF WATER ENTRY

Water ingress around the luggage compartment

Issue:

Water entering the spare wheel well causing the luggage compartment carpet to be 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 (Illustration 1).

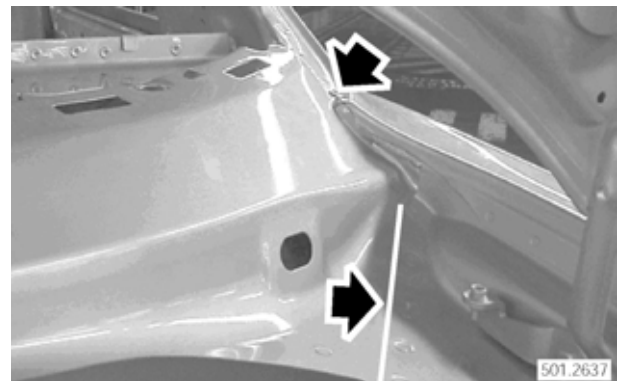


ILLUSTRATION 1

Issue:

Water entering the spare wheel well causing the luggage compartment carpet to be wet.

Possible cause:

Water tracking underneath the luggage compartment aperture seal (Illustration 2).

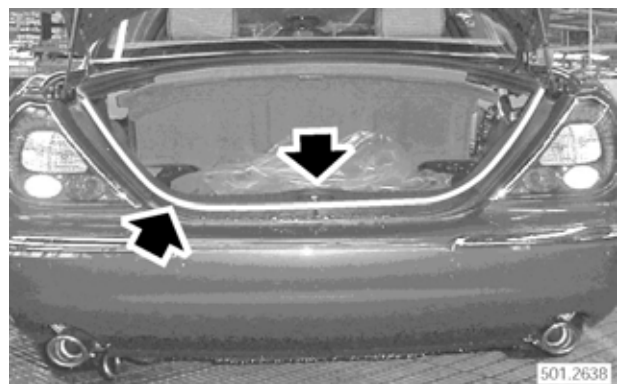


ILLUSTRATION 2

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 retailer to determine whether the Bulletin applies to your vehicle.

Issue:

The luggage compartment carpet is wet at one or both sides.

Possible cause:

Water ingress through luggage compartment lid hinge securing bolts (Illustration 3).

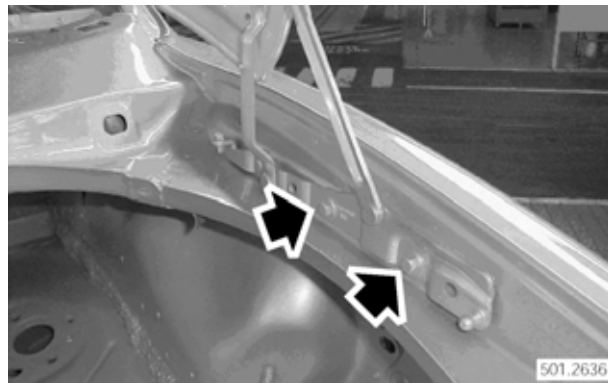


ILLUSTRATION 3

Issue:

The luggage compartment carpet is wet towards the rear of the luggage compartment.

Possible cause:

Rear fender seam leaking (Illustration 4).

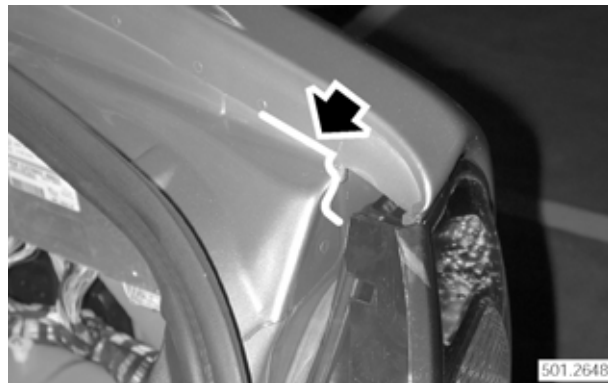


ILLUSTRATION 4

Issue:

Water ingress onto the spare wheel well.

Possible cause:

Luggage compartment floor seams leaking (Illustration 5).

Note: Water leak mainly from vertical part of the seam.

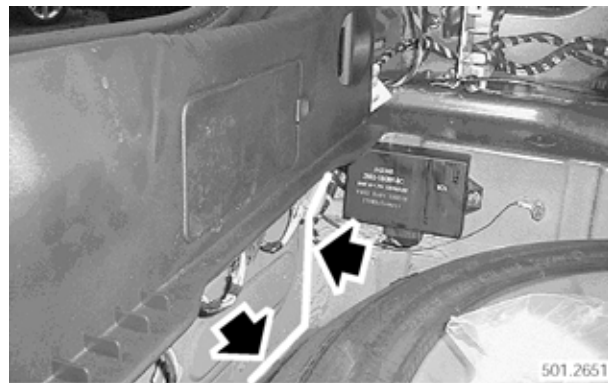


ILLUSTRATION 5

Issue:

Water ingress into the rear license plate lamps.

Possible cause:

Luggage compartment trim finisher is not correctly sealed to the luggage compartment lid (Illustration 6).

Note: Foam attached to finisher may be distorted.

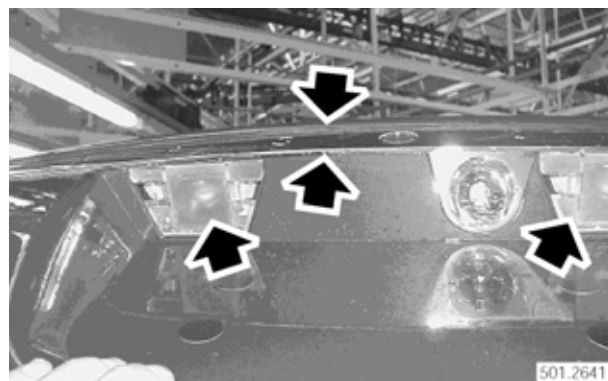


ILLUSTRATION 6

Water Ingress into front footwells

Issue:

Water ingress into the driver's footwell.

Possible cause:

Water can track between the body panels where the lower steering column exits the bulkhead.

Note: Apply a suitable wet sealant to the area shown (Illustration 7).

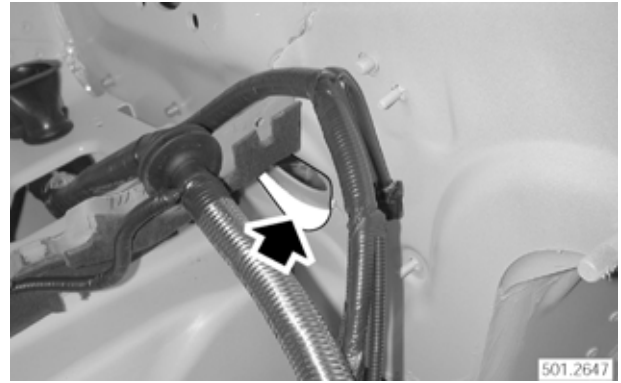


ILLUSTRATION 7

Issue:

Water ingress into the front footwells.

Possible cause:

Seams between inner front fender and bulkhead are leaking (Illustration 8).

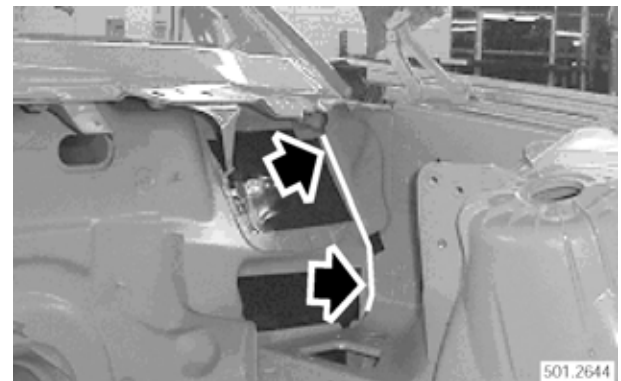


ILLUSTRATION 8

Issue:

Water ingress into the front passenger footwell.

Possible cause:

Patch over hole can leak water (Illustration 9).

Note: On the driver's side this hole is used to mount the plenum drain tube. On passenger side a blanking patch is installed.

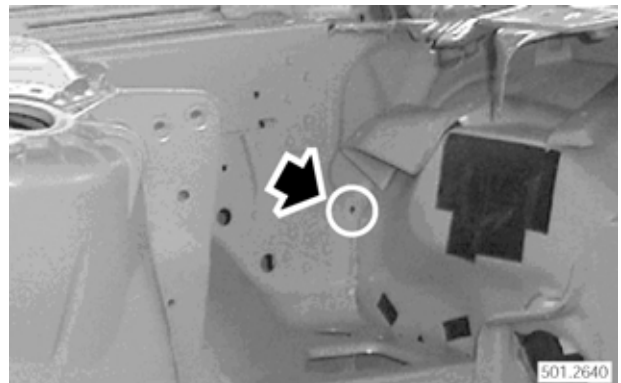


ILLUSTRATION 9

Issue:

Water ingress into the front footwell.

Possible cause:

Water ingress from harness grommet under front wheel arch (Illustration 10).

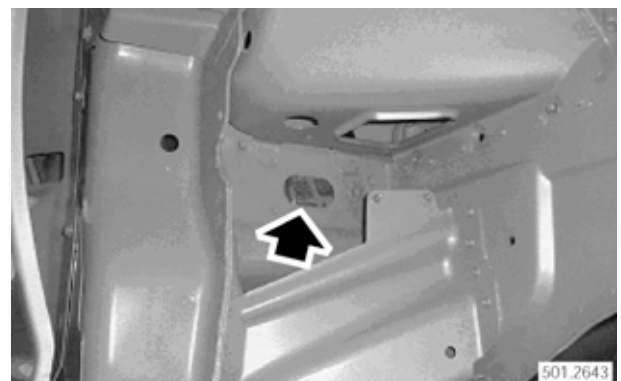


ILLUSTRATION 10

Water Ingress into the rear of the cabin

Issue:

Sill carpet wet at rear.

Possible cause:

Water tracks along joint of 'C' pillar/door shut joint under the rubber finisher, then tracks down along draft welt.

Note: Remove rubber finisher and apply a suitable wet sealant (to the area shown) to block the water path (Illustration 11).

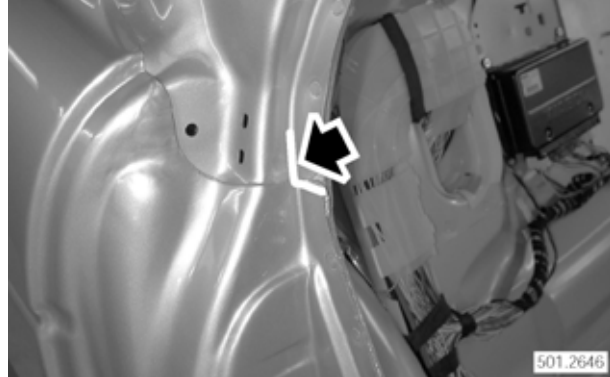


ILLUSTRATION 11

Issue:

Water ingress into the cabin or boot.

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, or rearwards into the luggage compartment (Illustration 12).

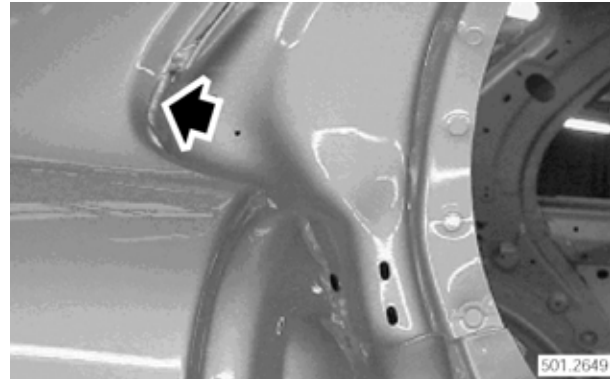


ILLUSTRATION 12

Issue:

Water ingress into the cabin.

NOTE: 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 (Illustration 13).

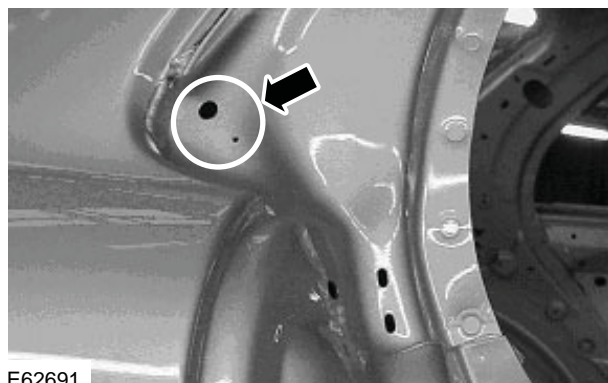


ILLUSTRATION 13

Issue:

Water ingress into the rear of the cabin.

Possible cause:

Water ingress through the seams by the rear seat (Illustration 14).

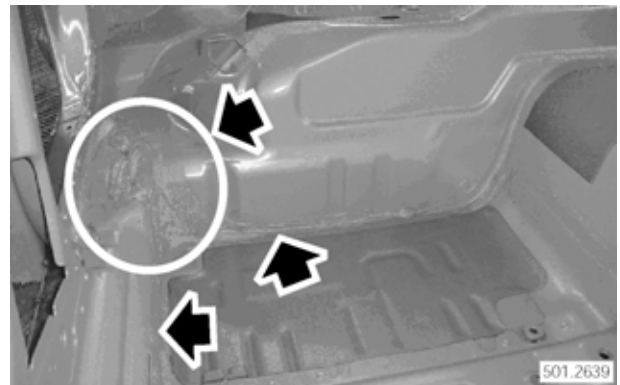


ILLUSTRATION 14

Issue:

Long Wheel Base Vehicles Only - Water ingress into the left-hand and right-hand rear footwells.

NOTE: Illustration, right-hand shown left-hand similar.

Possible cause:

Water ingress through the long wheel base extension seam, left-hand and right-hand side (Illustration 15).

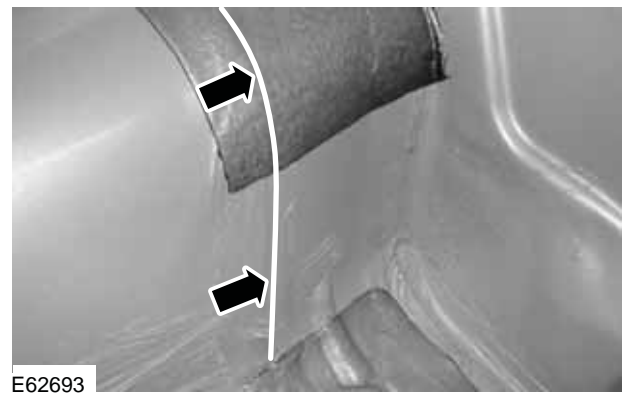


ILLUSTRATION 15