

Water Entry Into Front Footwell –
Repair Procedure –
Service Action S824

MODEL 1998 MY
XK8 Range
VIN 024687-026557
see list for exceptions

Remove and destroy Bulletin 501-24, dated 6/98.
Replace with this Bulletin.
Revisions are marked with a bar and in **bold text**.

Issue:

Some 1998 MY XK8 vehicles within the above VIN range (except those listed on page 5 which were checked at the factory) may experience water entering the front footwell.
The outer corner area of the upper bulkhead on vehicles with this condition may have to be resealed.

Action:

Vehicles within this VIN range (except those listed on page 5 checked at the factory) must be tested, and if necessary, repaired as described below:

WORKSHOP PROCEDURE

The following instructions apply to both left and right sides of the vehicle.
Seam areas which have been shown to leak are shown in Illustration 1, as follows:

- A. In the top corner, inside the false bulkhead area under the plenum finisher.
- B. Between the rear upper corner of the fender and the cowl.

Note: Before applying water to these areas, pull down the top outer corner of the toe board insulation and insert some paper towels or clean rags to show and absorb any possible leakage.

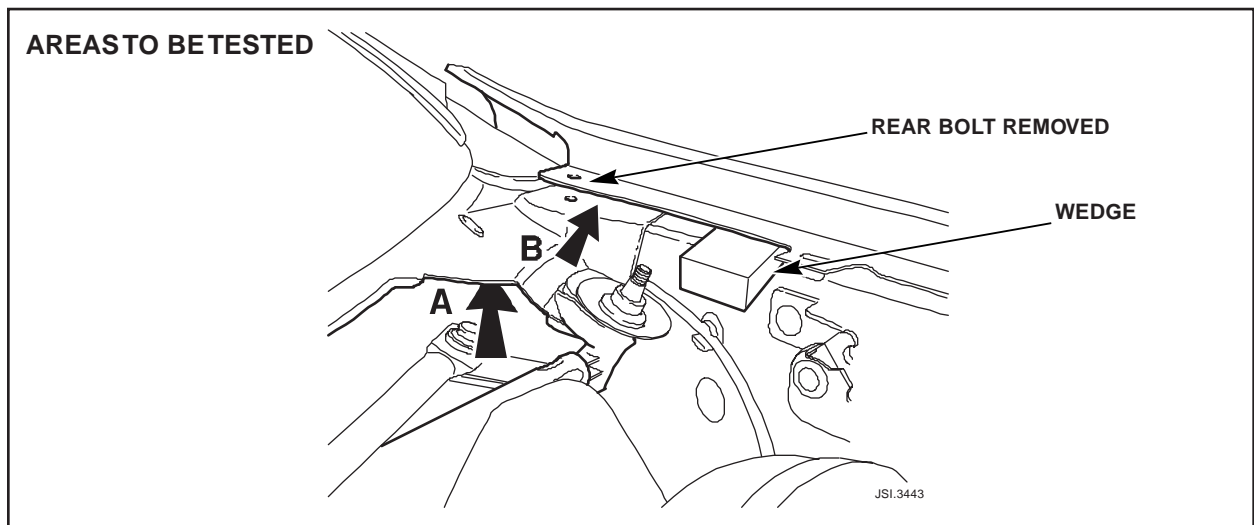


ILLUSTRATION 1

TESTING FOR POSSIBLE LEAKS

Location A.

1. Aim a jet of water in the direction of arrow **A**, Illustration 1, (under the finisher, to the rear), into that area for **at least 2 minutes**.

Note: If a suitable 90° nozzle can be attached to the water hose it will increase the effectiveness of the jet, in that area.

2. Wait for **at least 2 minutes**.
3. Check the area for the presence of water by removing the paper or rag and then looking for absorbed water.
4. Check for evidence of water in the area, visually with the aid of a lamp and also by feel.

Location B.

1. Remove both windshield wipers and the plenum finisher.
2. Remove the two mounting screws furthest to the rear of the front fender. Support the rear of the fender with a wedge, to provide access to the seam (Illustration 1.)
3. Aim a jet of water in the direction of arrow **B**, (under the fender, to the side), into that area for **at least 2 minutes**.
4. Wait for **at least 2 minutes**.
5. Check the area for the presence of water by removing the paper or rag and then looking for absorbed water.
6. Check for evidence of water in the area, visually with the aid of a lamp and also by feel.
7. If the area is dry, at both sides, then the vehicle is OK. Refasten the fender and then reinstall the plenum finisher and windshield wipers.
8. If water is detected, proceed with the following repair procedure:

SEALING LEAKS

1. Remove both windshield wipers and the plenum finisher.
2. Use a lamp and mirror to examine the areas to be sealed. Since it is not possible to see the gap that is the cause of the leak, the whole available area of the seam must be resealed.

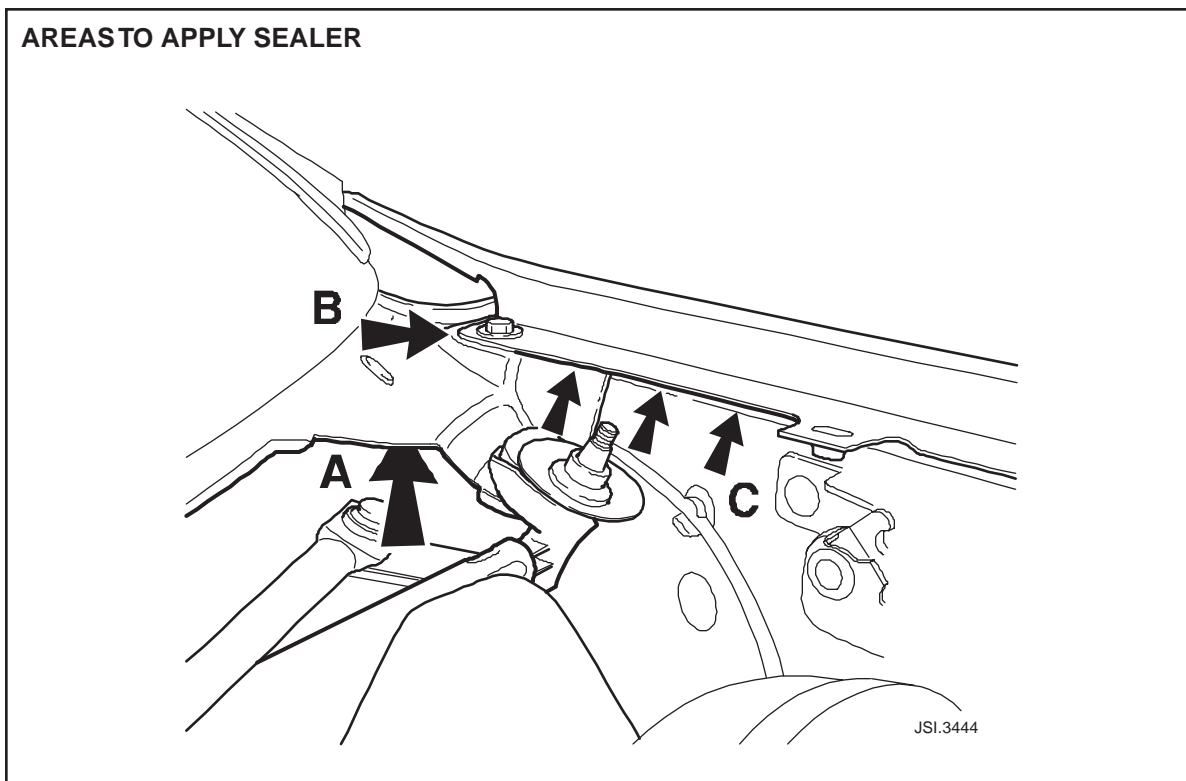


ILLUSTRATION 2

3. Seal the seams in the A-pillar, plenum and fender areas, (A, Illustration 2), with suitable clear sealant.
4. Seal the seams in the area below the plenum panel and up into the outer corners, (B, Illustration 2), with a suitable caulking compound and a suitable clear sealant.
5. Fill the area, (C, Illustration 2), below the fender edge, with a suitable caulking compound.

Note: Suitable sealants are listed under Parts Information on the last page.

6. Seal the seam, in the area exposed by the lifting of the rear of the fender, with a suitable clear sealant.
7. Check the effectiveness of the sealing operation by repeating the water tests described above. If a leak is still evident, repeat the sealing procedure and retest.
8. Refasten the fender and then replace the plenum finisher and windshield wipers.

Note: The materials listed in the table below meet the required specification, other locally available materials which are of an equivalent specification may be used.

Parts Information:

DESCRIPTION

3M Super Silicone Sealant - clear 08661

PART NUMBER

obtain locally

Warranty Information:

Service Action S824

NOTE: Refer to VIN list on next page for ineligible vehicles.

<u>VEHICLE</u>	<u>SUMMARY CODE</u>	<u>R.O. NUMBER</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
XK8 1998 MY VIN 24687-26557 Model codes 1830, 1840, 2830, and 2840	SA	76.93.54 10.10.10	Front footwell water entry - check Drive in/Drive out	0.30 hrs. 0.15 hrs.
XK8 1998 MY VIN 24687-26557 Model codes 1830, 1840, 2830, and 2840	SB	76.93.55 10.10.10	Front footwell water entry - check & seal Drive in/Drive out	1.45 hrs. 0.15 hrs.
		Sublet	for seal & caulk	\$8.00
XK8 1998 MY VIN 24687-26557 Model codes 1830, 1840, 2830, and 2840	SC	76.93.56 10.10.10	Front footwell water entry - check, seal & dry carpets Drive in/Drive out	3.60 hrs. 0.15 hrs.
		Sublet	for seal & caulk	\$8.00

NOTE: Always perform a DCS claim search first to determine whether this service action has been performed on this vehicle. The warranty selection under the vehicle inquiry will give a listing of all claims against the vehicle. If S824 appears in the fault code field, do not perform this service action.

CLAIM SUBMISSION PROCEDURE:

Warranty summary codes have been assigned to this service action in order to simplify claim submission. The dealership will be reimbursed the parts and labor time allowance as indicated.

DCS DEALERS

Submit claims using the appropriate summary code for the vehicle model and work performed. Follow standard campaign submission procedures.

NON-DCS DEALERS

Submit claims on the Recall Campaign Summary form W-25. Enter the appropriate summary code for the vehicle model and work performed in the Repair Code column. Do not use the W-1 warranty claim form.



SERVICE ACTION S824 - WATER INGRESS IN FOOTWELL

VEHICLES REWORKED IN PLANT PRIOR TO SHIPPING

(Service Action rectification not required for these vehicles)

Vehicles shipped to USA

26269	26256	26345	26418	26486	26538
25507	26258	26346	26423	26489	26542
25945	26263	26348	26426	26491	26543
26022	26266	26351	26431	26493	26546
26025	26268	26356	26433	26496	26549
26046	26272	26366	26435	26498	26551
26115	26276	26371	26436	26503	26553
26128	26278	26375	26438	26506	26555
26130	26279	26376	26443	26508	26556
26135	26285	26378	26446	26509	
26145	26286	26383	26448	26512	
26160	26288	26386	26452	26513	
26180	26293	26388	26453	26516	
26190	26296	26389	26456	26519	
26195	26309	26393	26463	26521	
26208	26311	26399	26465	26523	
26212	26315	26401	26466	26526	
26218	26316	26406	26473	26528	
26233	26318	26408	26476	26531	
26249	26323	26411	26478	26533	
26255	26333	26413	26483	26536	

Vehicles shipped to Canada

25624	26449	26525
26261	26471	26539
26291	26479	
26359	26495	
26419	26501	