



NUMBER: 23-050-04

GROUP: Body

DATE: December 02, 2004

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SUBJECT:

Water Leak In Area Of A-Pillar Grab Handle Or Overhead Console

OVERVIEW:

This bulletin involves a review of several possible causes for water leakage in the area of the A-pillar grab handle or overhead console.

MODELS:

2005 (WK) Grand Cherokee

DISCUSSION:

A customer may experience a water leak at the A-pillar grab handle (left or right side) or in the area of the overhead console.

Analysis has found the following possible causes for water leakage at these locations:

1. A pinched or collapsed front sunroof drain tube (left or right side) between the headliner and metal roof panel at the outboard sun visor attachment. The pinched front drain tube(s) may cause water to backup in the tube and overflow the sunroof water trough.
2. A body sealer void at top of A-pillar where the front edge of the roof panel is joined to the A-pillar (body side aperture). A sufficient quantity of the body sealer may not have been applied to the joint.
3. A windshield sealer void at the top of the A-pillar. The front edge of the roof panel causes a "step" in the joint with the A-pillar that if severe enough the windshield sealer may not be able to fully compensate for.
4. A restricted rear sunroof drain tube (left or right side) near the exit end of the drain tube. The rear sunroof drain tube is routed down along the C-pillar. The end of the tube(s) may turn back on itself during installation at the bottom of the C-pillar. Sound deadening foam is applied to the C-pillar cavity once the drain tube is installed. The sound deadener may close off the end of the drain tube.

POLICY:

Information Only

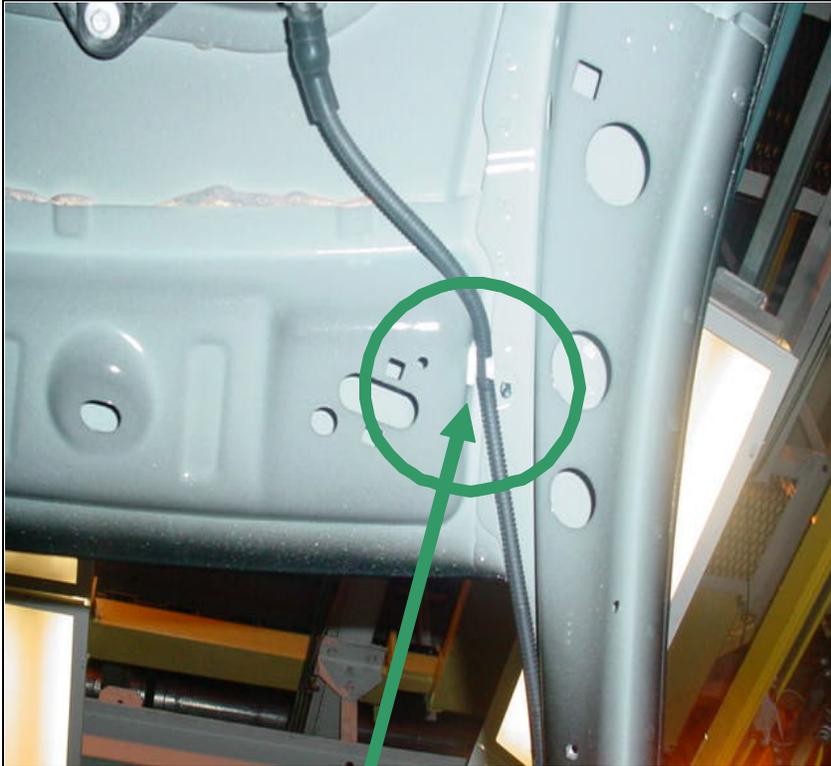


Stick with the Specialists™

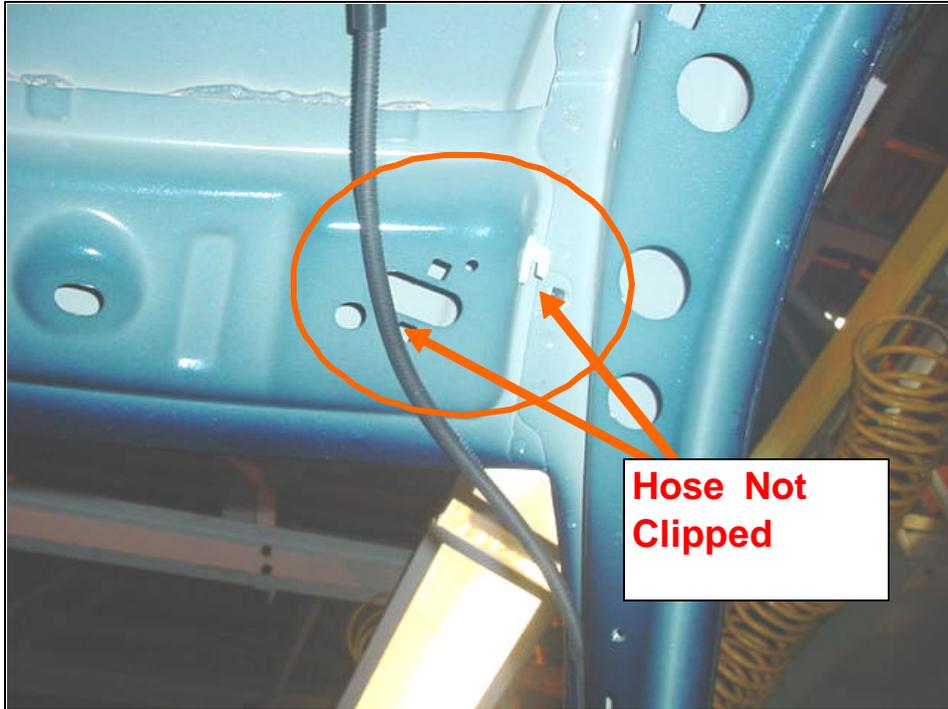
The following water leaks have been identified for WK. The information is in TSB 23-050-04.

The problem usually manifest in the A-Pillar area and could be caused by the following:

1. A pinched or collapsed front sunroof drain tube (left or right side) between the headliner and metal roof panel at the outboard sun visor attachment. The pinched front drain tube(s) may cause water to backup in the tube and overflow the sunroof water trough.



Good Job



2. A body sealer void at top of A-pillar where the front edge of the roof panel is joined to the A-pillar (body side aperture). A sufficient quantity of the body sealer may not have been applied to the joint.

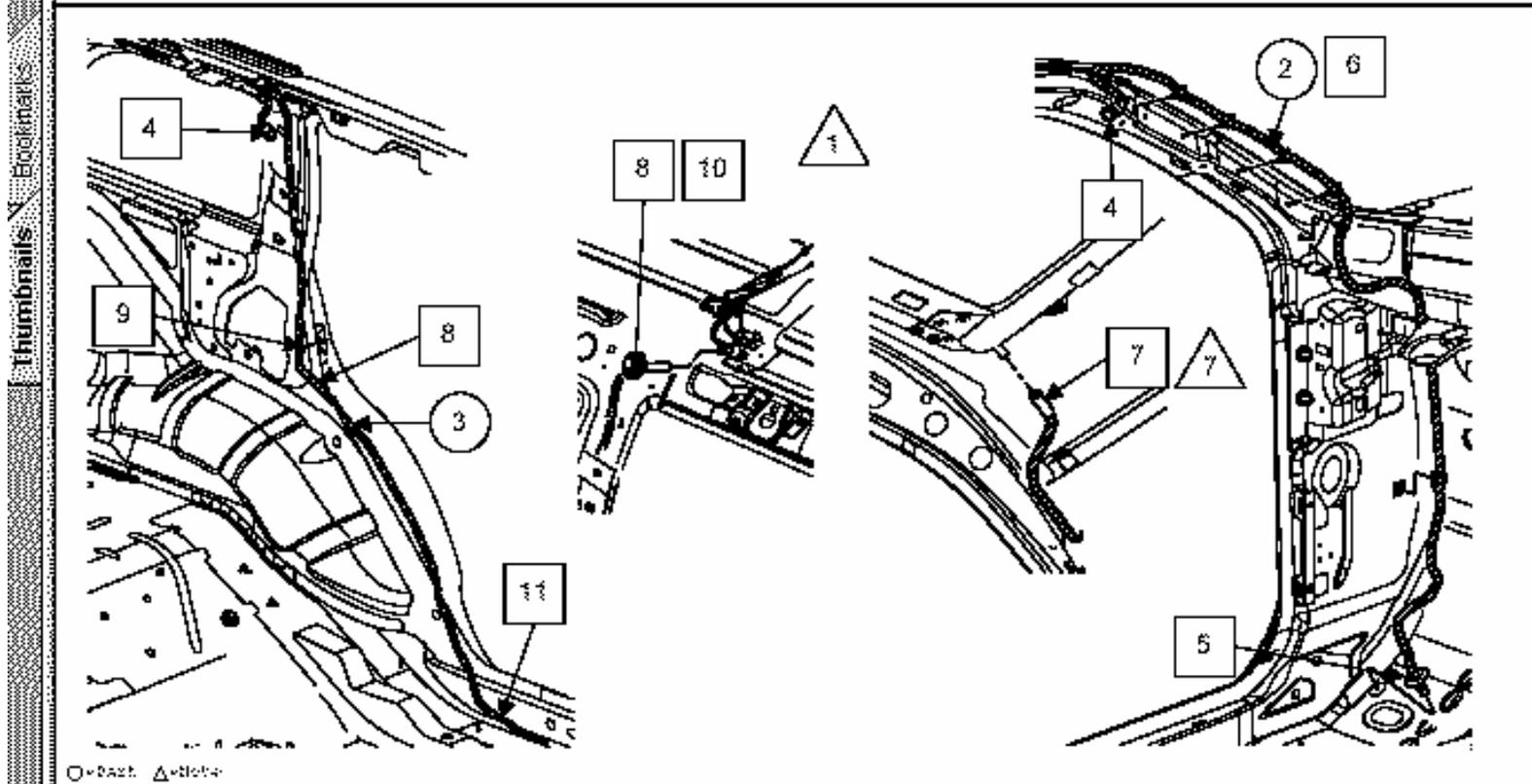
3. A windshield sealer void at the top of the A-pillar. The front edge of the roof panel causes a “step” in the joint with the A-pillar that if severe enough the windshield sealer may not be able to fully compensate for.

4. A restricted rear sunroof drain tube (left or right side) near the exit end of the drain

tube. The rear sunroof drain tube is routed down along the C-pillar. The end of the tube(s) may turn back on itself during installation at the bottom of the C-pillar. Sound deadening foam is applied to the C-pillar cavity once the drain tube is installed. The sound deadener may close off the end of the drain tube. (Number 11 in Picture)

Rear and Front Drain Tube Routing

View AMPS Process Sheet 2005-5211-WK-2-1-1-1



Part No.	VP	Qty	Part Name	Carlide	Units	Req-Min	Uyn-Min	ACKI-Mid	Snug	ACbvn-Min
106	16	1 of 2								

