A/C - Water Leaks Onto Passenger Floor

No: JTB00121

Issue: 4

Date: 02 FEB 2010

ISSUE '4' CHANGES ARE EXTENSIVE AND ARE NOT HIGHLIGHTED

SECTION: 412

Water Ingress into Passenger Footwell AFFECTED VEHICLE RANGE:

XK (X150) VIN: B00001 - B33100

Model Year: 2007 - 2009

CONDITION SUMMARY:

Situation:

An issue has been identified where water may leak into the passenger footwell. This may be caused by a trapped / blocked air conditioning drain tube.

Action:

In the event of a customer concern of the above, and after confirming that a trapped / blocked air conditioning drain tube is the cause, refer to the Repair Procedure outlined below to install a new air conditioning drain tube.

C2P 16264Drain tube	Qty: 1
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PARTS

TOOLS:

Refer to Workshop Manual (GTR) for required special tools

Description	SRO	Time (hours)	Condition Code	Causal Part
Replace A/C drain tube	82.91.33	2.80	55	C2P 16264

WARRANTY:

NOTE:

Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to DDW to obtain the latest repair time.

DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

REPAIR PROCEDURE:

REMOVE A/C DRAIN TUBE

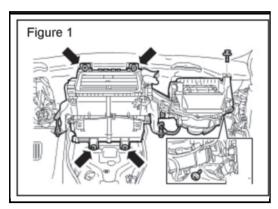
NOTE:

Global Technical Reference (GTR) lookup sequence is as follows: GTR Home > NAS > X150 - XK > Service Information > Model Year > Workshop Manual

1. Refer to Workshop Manual (GTR) Section 501-12, Instrument Panel and Heating, and remove the instrument panel.

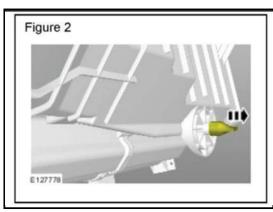
CAUTION:

Care should be taken to ensure no further damage is caused to the vehicle interior. When removing a Heating Ventilation Air Conditioning (HVAC) unit which has shown signs of leaking from the <u>blower motor</u>, approximately one (1) liter of water will remain in the unit which will drain out when the seal to the bu khead is broken.



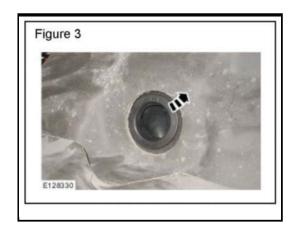
- 2. Release the heater and evaporator core housing for access to the drain tube (Figure 1):
- ^Move the carpet for access
- ^Release both footwell lamp holders.
- ^Disconnect the two electrical connectors.
- ^Remove the four nuts.
- ^Remove the bolt.

VIN range B00001 - B25390 only



3. Remove and discard the drain tube from the rear of the heater unit. (Figure 2)

VIN range B25391 - B33100 only



4. Remove and discard the drain tube from the bulkhead. (Figure 3)

NOTE:

The plastic peg is not visible; it can be felt through the drain hole from inside the vehicle.

VIN range B30500 - B33100 only



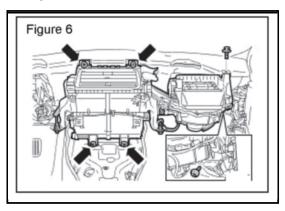
5. Using suitable long-nose pliers, remove and discard the plastic peg contacting the drain tube. (Figure 4)

INSTALL NEW A/C DRAIN TUBE



- 1. Install a new drain tube into the bulkhead. (Figure 5)
- 2. Insert a length of suitable hose into the drain tube.

- 3. Pour a small amount of water into the drain tube.
- 4. Verify the water exits below the vehicle.



- 5. Install the heater and evaporator core housing (Figure 6):
- T Tighten the bolt to 7 Nm +/- 1.1 Nm (5 lbf ft +/- 0.8 lbf ft).
 - $^{\text{Tighten}}$ the four bolts to 7 Nm +/- 1.1 Nm (5 lbf ft +/- 0.8 lbf ft).
 - ^Connect the two electrical connectors.
 - ^Install the two footwell lamp holders.
 - ^Install the carpet.
 - 6. Refer to Workshop Manual (GTR) Section 501-12, Instrument Panel and Heating, and install the instrument panel.