



# Technical Service Bulletin

No. A412-001v2

10 July 2006

This bulletin supersedes TSB A412-01/2004 dated 02 February, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page).

<b>Subject/Concern:</b>	Defrost Vents Rattling or Displaced
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<b>Models:</b>		
X-TYPE		VIN-range: C00294-E96114

**Markets:** All**Section:** 412-00

<b>Summary:</b>
This bulletin addresses customer concerns of the defrost vent(s) rattling or being displaced.
<b>This version 2 has been issued due to a change in Parts Required and in illustration E81330.</b>
<b>Cause:</b> Poor retention of the defrost vent to the instrument pack.
<b>Action:</b> Should a customer express concern of the defrost vent(s) rattling or being displaced at the outer edge only, install a new vent plug. If the concern is with any other part, install a new vent and new vent plug. Follow the Service Instruction outlined below.

<b>Parts Required:</b>		
Description	Part Number	Quantity
Defrost vent plug - Sable	C2S 44682 AEK	1 per side
Defrost vent plug - Warm Charcoal	C2S 44682 LEG	1 per side
Defrost vent plug - Granite	C2S 44682 LGP	1 per side
Defrost vent plug - Mocha	C2S 44682 AMB	1 per side
Defrost vent (right-hand) - Sable	C2S 43949 AEK	1
Defrost vent (right-hand) - Warm Charcoal	C2S 43949 LEG	1
Defrost vent (right-hand) - Granite	C2S 43949 LGP	1
Defrost vent (right-hand) - Mocha	C2S 43949 AMB	1
Defrost vent (left-hand) - Sable	C2S 43948 AEK	1
Defrost vent (left-hand) - Warm Charcoal	C2S 43948 LEG	1
Defrost vent (left-hand) - Granite	C2S 43948 LGP	1
Defrost vent (left-hand) - Mocha	C2S 43948 AMB	1

<b>Labour Time:</b>		
Operation Description	Operation No.	Time
Install new defrost vent plug. Passenger side	76.94.44	0.2 hours
Install new defrost vent plug. Driver's side. Vehicle without sunload sensor	76.94.44	0.2 hours
Install new defrost vent plug. Driver's side. Vehicle with sunload sensor	76.94.44/02	0.4 hours
Install new defrost vent and new plug. Passenger side	76.94.44	0.2 hours
Install new defrost vent and new plug. Driver's side. Vehicle without sunload sensor	76.94.44	0.2 hours
Install new defrost vent and new plug. Driver's side. Vehicle with sunload sensor	76.94.44/02	0.4 hours
Install new defrost vent and plug. Both sides. Vehicle without sunload sensor	76.94.44/01	0.2 hours

Install new defrost vent and plug. Both sides. Vehicle with sunload sensor	76.94.44/03	0.5 hours
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## Service Instruction

### Passenger side of vehicle:

If the outer end of defrost vent (nearest the A-pillar) is adrift:

- 1 . Install a new demister vent plug.

If the concern is at any other part:

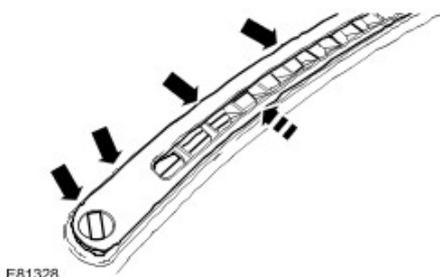
- 2 . **NOTE:** Use a suitable plastic pry tool to displace the rear of the defrost vent from the instrument panel.

Displace and remove defrost vent.

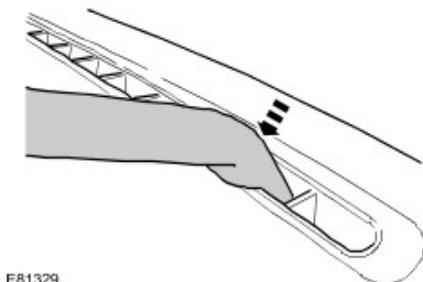
- 3 . Install the inner end of the new defrost vent with the new locating feature first.



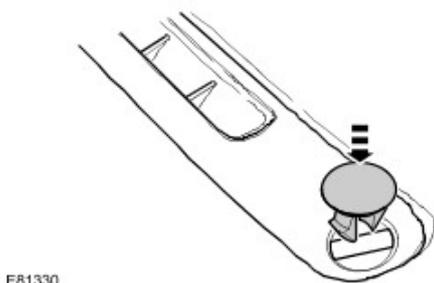
- 4 . Locate the front edge of the defrost vent under instrument panel material, making sure the small triangular projections along the front edge of the defrost vent are located.



- 5 . A suitable tool should be used to clip the rear edge of the defrost vent down, working along the vent towards the A-pillar.



- 6 . Install a new defrost vent plug.



### Driver's side of vehicle; vehicles without a sunload sensor:

- 7 . Carry out appropriate Service Instruction from step 1 to 6.

**Driver's side of vehicle; vehicles with a sunload sensor:**

- 8 . Displace and remove driver's stowage compartment.
- 9 . Reposition the steering wheel to the fully extended and lowest position.
- 10 . **NOTE:** Removal of the sunload sensor does not reduce the functionality of the air conditioning or climate control systems. The vehicle is now in line with current X-TYPE production vehicles.

Remove and discard sunload sensor (see Global Technical Reference GTR Workshop Manual, section: 412-04).

- 11 . Reposition sunload sensor electrical connector to electrical harness.
- 12 . Secure sunload sensor connector to the electrical harness using a ratchet tie strap. Cut and remove protruding tail from ratchet tie strap.



- 13 . Install trim components removed when gaining access to sunload sensor.
- 14 . Continue with appropriate Service Instruction from step 1 to 6.
- 15 . Reposition the steering wheel to the original position.
- 16 . Install the driver's stowage compartment.

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