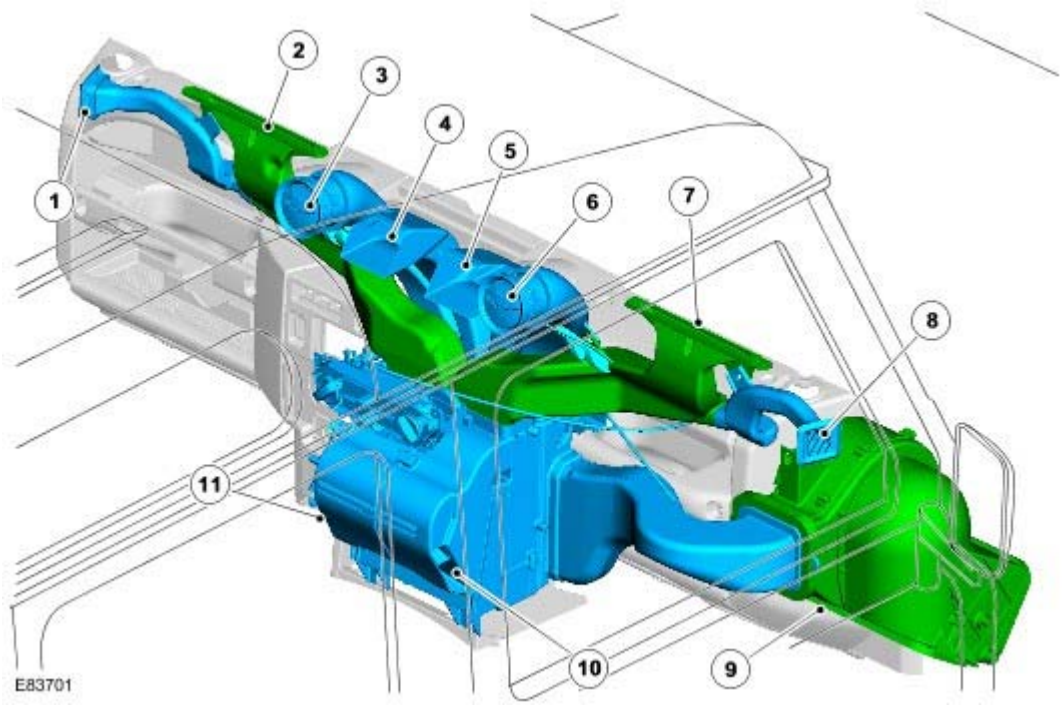
Published: Dec 5, 2006

Air Distribution and Filtering

COMPONENT LOCATION

NOTE:

LHD (left-hand drive) vehicle shown, RHD (right-hand drive) similar.



Item	Part Number	Description
1		LH (left-hand) side window vent
2		Windshield LH (left-hand) vent
3		LH (left-hand) face level register
4		LH (left-hand) face level vent
5		RH (right-hand) face level vent
6		RH (right-hand) face level register
7		Windshield RH (right-hand) vent
8		RH (right-hand) side window vent
9		Recirculated air inlet
10		RH (right-hand) footwell vent
11		LH (left-hand) footwell vent

OVERVIEW

Air intake into the cabin is controlled using a 2 position sliding switch located on the center console. Either fresh or recirculated air can be selected. Selections are transmitted to the air intake and blower assembly using a Bowden cable. The air intake and blower assembly is located in the engine compartment.

Fresh air enters the system through the air inlet duct mounted in the passenger side front fender. Inlet air travels through the air intake and blower assembly to the heater assembly where it is distributed into the front of the cabin via a series of ducts, registers and vents.

NOTE:

The vehicle is not fitted with a pollen filter.

When selected, recirculated air enters the system through an inlet located in the lower surface of the instrument

panel, above the passenger foot well.

Air distribution into the cabin is selected using the RH (right-hand) rotary control mounted on the center console. A Bowden cable transmits selections to 2 air distribution doors using cams mounted on the heater assembly.

For additional information, refer to Climate Control System (412-00)

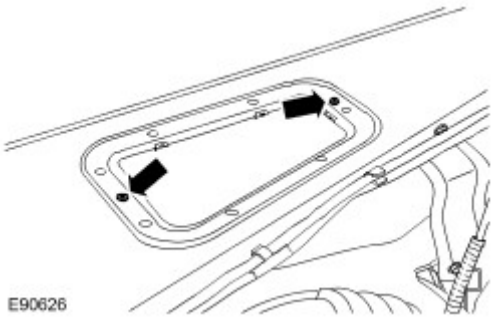
Published: Jan 30, 2007

Air Inlet Duct (80.15.31)

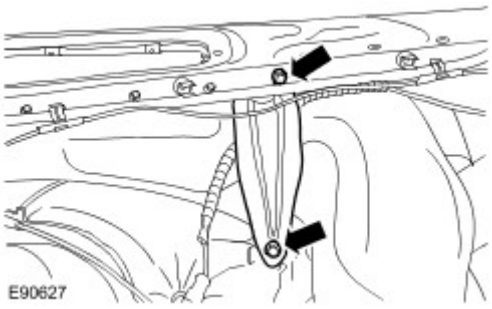
Removal

1 . Remove the air inlet grille.
- Remove the 7 screws.

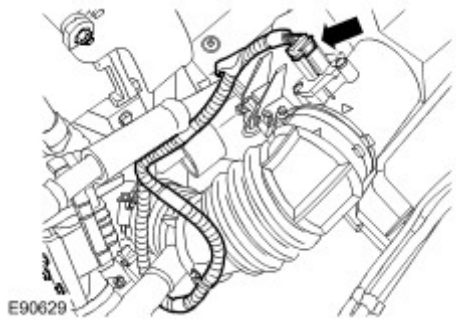
2 . Release the air inlet duct.
- Remove the 2 screws.



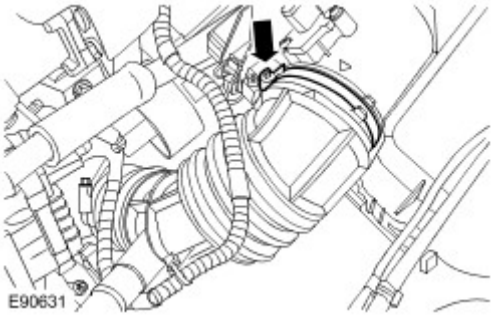
3 . Remove the fender support bracket.
- Remove the 2 bolts.



4 . Disconnect the mass air flow (MAF) sensor electrical connector.

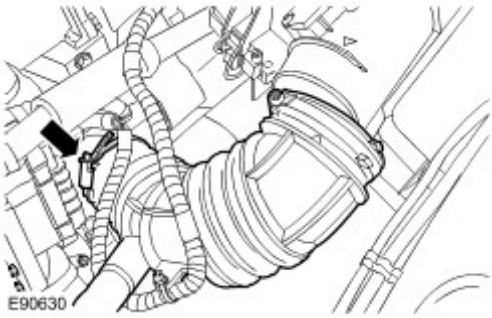


5 . Release the air cleaner outlet pipe clip.

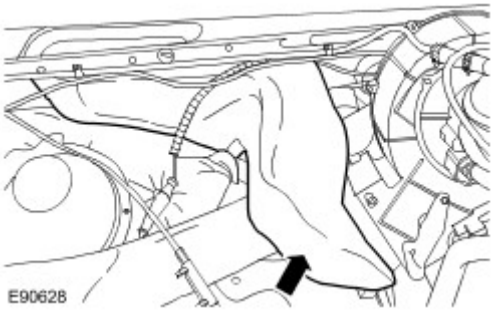


6 . Release the air cleaner outlet pipe.

Release the clip.



7 . Remove the air inlet duct.



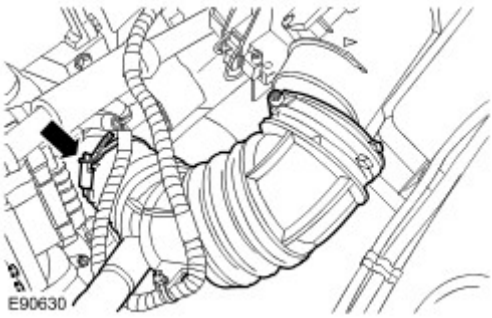
Installation

1 . **NOTE:**

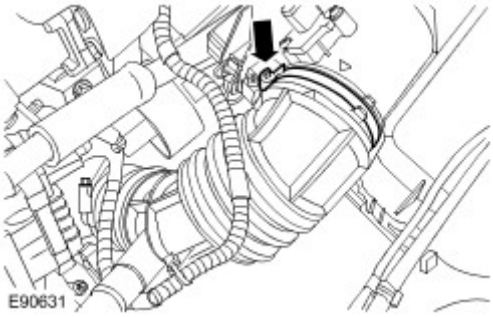
To prevent water ingress, make sure the air inlet duct is correctly aligned with the blower motor seal.

To install, reverse the removal procedure.

2 . Tighten to 3 Nm (2 lb.ft).



3 . Tighten to 3 Nm (2 lb.ft).



Published: Apr 7, 2006

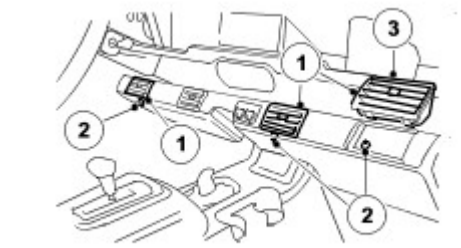
Instrument Panel Registers

Removal

1 . Lever under each bottom corner and remove cold air vents from instrument panel registers.

2 . Remove screw securing underside of instrument panel registers to panel.

3 . Remove 3 screws securing inside of instrument panel registers to panel.



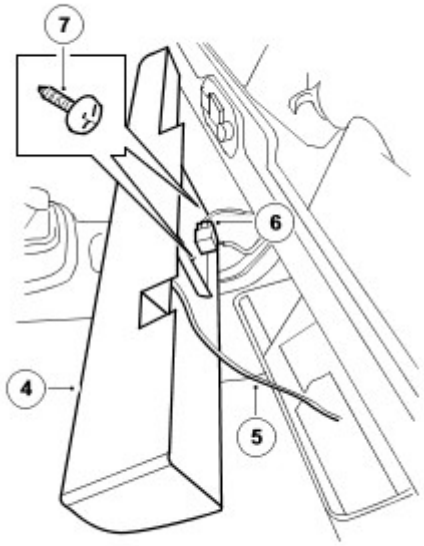
82M0428

4 . Lift instrument panel registers away from evaporator casing.

5 . Withdraw capillary tube from evaporator fins.

6 . Disconnect multiplug from fan interlock relay.

7 . Remove 2 screws securing cover to rear of instrument panel registers.

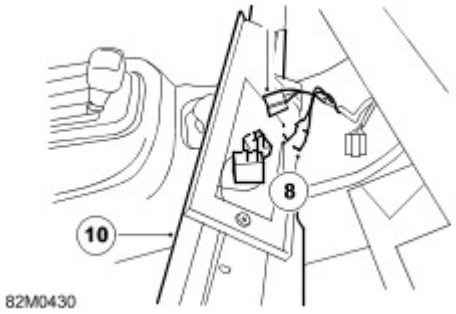


82M0429

8 . Release 2 connectors from temperature control switch.

9 . Disconnect multiplug from fan switch.

10 . Remove instrument panel registers.



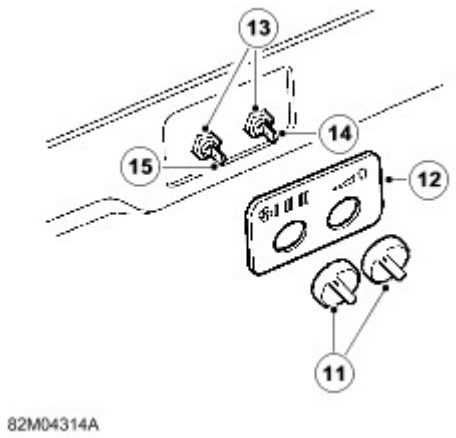
11 . Pull control knobs from switches.

12 . Remove switch panel.

13 . Remove nuts securing switches to instrument panel registers.

14 . Remove temperature control switch.

15 . Remove fan switch.



16 . Transfer components to new instrument panel registers.

Installation

1 . Position instrument panel registers assembly and connect multiplug to fan switch.

2 . Fit connectors to temperature control switch.

3 . Position capillary tube to RH side of instrument panel registers.

4 . Fit screws securing cover to rear of instrument panel registers.

5 . Connect multiplug to fan interlock relay.

6 . Position instrument panel registers and insert capillary tube 60 mm (2.5 in) into evaporator fins.

7 . Fit instrument panel registers to panel and above evaporator casing, secure with screws.

8 . Fit cold air vents.

9 . Carry out system test.
For additional information, refer to Refrigerant System Tests