



TECHNICAL BULLETIN

A412-02

04/2004

Subject

Vehicle Misting, Climate Control Temperature Slow to Fall

Model: X-TYPE

Year: 2001.5 to 2004

VIN C00294 to D99632

Section: 412-00

Climate Control System

Summary

This Technical Bulletin has been issued due to customer concerns of the vehicle misting, climate control temperature slow to fall.

Action

Should a customer express concern of the vehicle misting, climate control temperature slow to fall, there could be a fault with the air inlet blend door. To test the operation of the air inlet blend door, set the fan speed to MAX and manually de-select the recirc button, there should be an audible difference in the climate control temperature motor noise, if the volume stays the same then the air inlet blend door is suspect. To rectify follow the workshop procedure outlined below.

Workshop Procedure

- 1 Open door.
- 2 Turn ignition 'ON'.
- 3 Operate front seat fully rearward for access.
- 4 The air recirculation switch should be in the fresh air mode.
- 5 Turn ignition 'OFF'.
- 6 Remove the glove compartment hinge retaining screws (see Fig. 1).

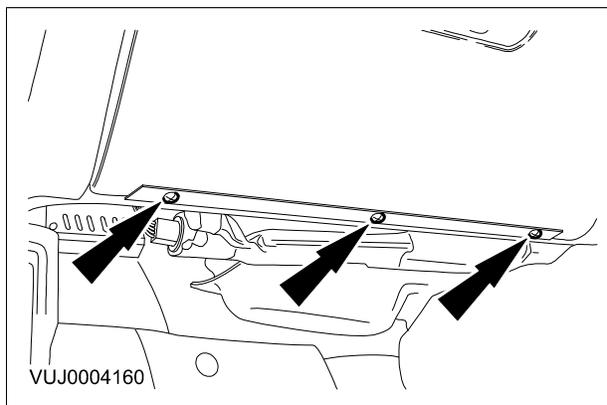


Fig. 1

- 7 Remove the glove compartment retaining screws (see Fig. 2).

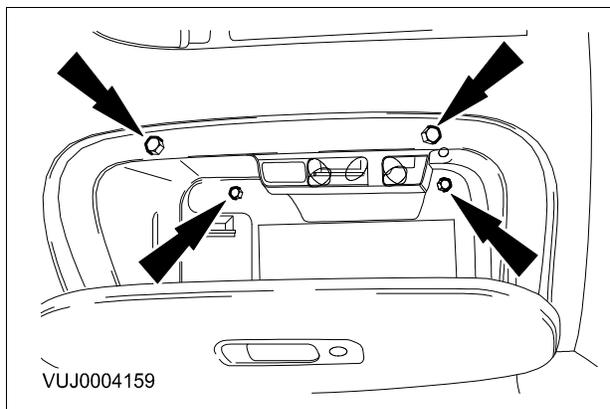


Fig. 2

- 8 Disconnect the glove compartment lamp electrical connector (see Fig. 3).

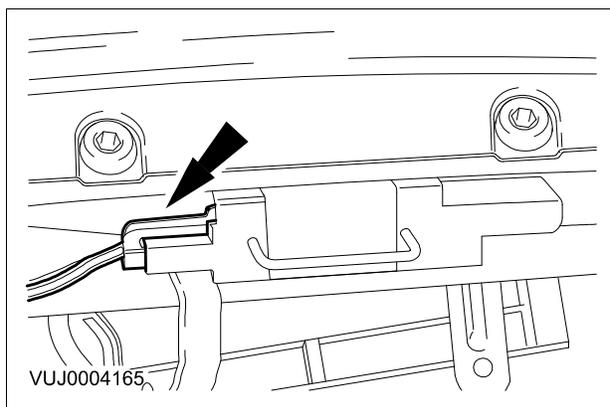


Fig. 3

- 9 Remove the glove compartment.

On right-hand drive vehicles:

- 10 Disconnect the air inlet blend door actuator electrical connector.
11 Undo and remove the actuator securing screws (see Fig. 4).

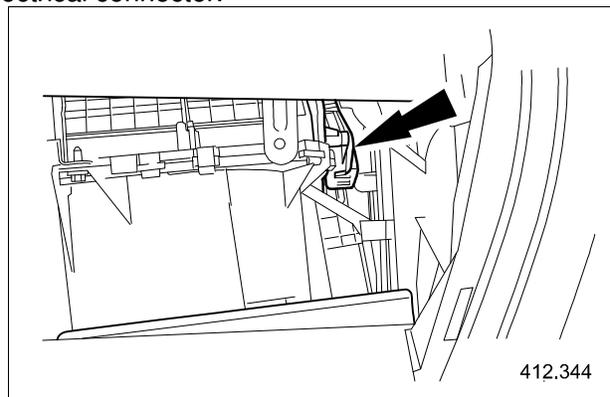


Fig. 4

- 12 Displace and remove the actuator.

On left-hand drive vehicles:

- 13 Disconnect the air inlet blend door actuator electrical connector, undo and remove the climate control upper front stepper motor securing screws and displace the climate control stepper motor and reposition to gain working access (see Fig. 5).

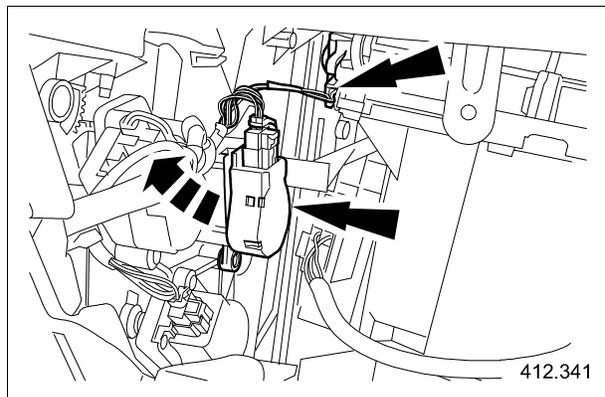


Fig. 5

- 14 Undo and remove the air inlet blend door actuator securing screws (see Fig. 6).

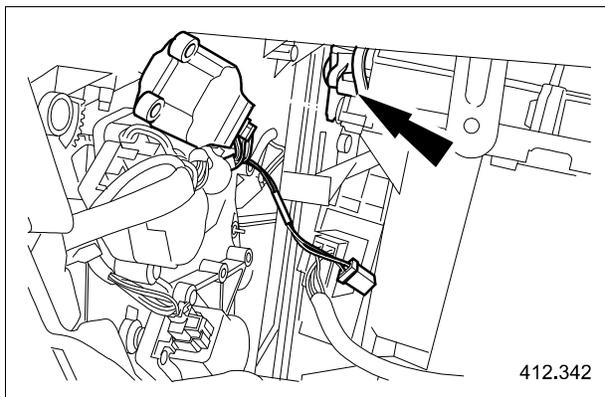


Fig. 6

- 15 Displace and remove actuator.

On all vehicles, align the actuator shaft:

- 16 Connect the air inlet blend door actuator to electrical connector, and switch the ignition ' ON' . With a combination of operating the air recirculation button ' ON/OFF' and disconnecting the electrical connector at the correct time set the shaft to the correct position. The flat opposite the curved face should be set nearest to and parallel with the line on the actuator body (see Fig. 7).

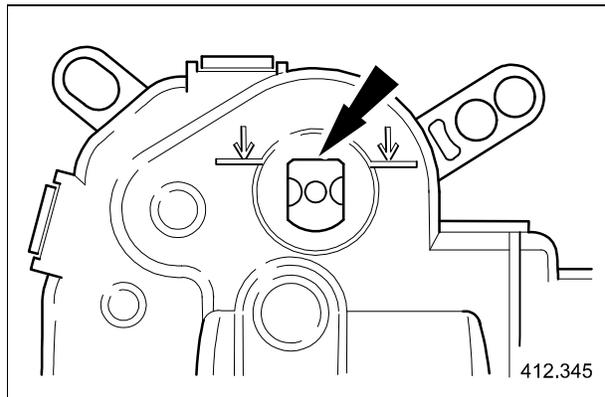


Fig. 7

Note: A DTC will be logged during the alignment procedure through detection of the open circuit.

- 17 Turn ignition ' OFF' .
18 Ensure the air inlet blend door is in the fresh air position.

CAUTION: CARE MUST BE TAKEN NOT TO APPLY TOO MUCH ADHESIVE AS THIS COULD PUSH BACKWARDS ON THE MOTOR HOUSING WHEN INSERTED IN THE CLIMATE CONTROL UNIT.

- 19 Apply suitable adhesive to the actuator shaft (see Fig. 8).

Note: Do NOT apply adhesive to the end of the actuator shaft.

Note: Use Super Glue Gel or a suitable locally sourced adhesive.

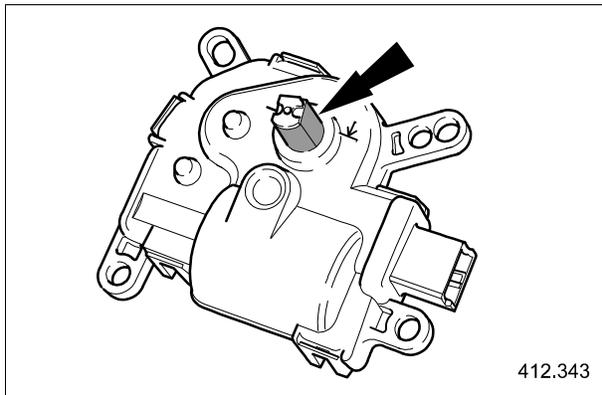


Fig. 8

- 20 Align, install, and fully seat the actuator. Hold the actuator in position until the adhesive has set.

Note: Do NOT switch the ignition 'ON', or operate the air recirculation switch until ten minutes have elapsed to allow the adhesive to set.

- 21 Install and tighten actuator securing screws.
22 Connect actuator electrical connector.

On left-hand drive vehicles:

- 23 Reposition and install the climate control upper front stepper motor.
24 Install and tighten the climate control upper front stepper motor securing screws.

On all vehicles:

- 25 Install the glove compartment.
25 Connect the glove compartment lamp electrical connector.
26 Install and tighten the glove compartment retaining screws.
27 Install and tighten the glove compartment hinge retaining screws.
28 Turn ignition ' ON' .
29 Operate front seat to original position.
30 Turn ignition ' OFF' .
31 Position WDS alongside vehicle, switch ' ON' Portable Test Unit (PTU) and allow software to load.

Note: During previous operation, Connect PTU to vehicle via diagnostic cable.

- 32 Clear DTCs, switch ' OFF' PTU, disconnect and return WDS to original location.
33 Close door.

Parts Information

Note: Super Glue Gel (or a suitable locally sourced adhesive) is considered a workshop consumable and, as such, may not be claimed.

Warranty Information

Description	SRO	Labor Time Allowance	Causal Part
Climate control recirculation failure service fix (right hand drive)	76 94 55	0.8 Hours	C2S 12217
Climate control recirculation failure service fix (left hand drive)	76 94 55	0.9 Hours	C2S 3025