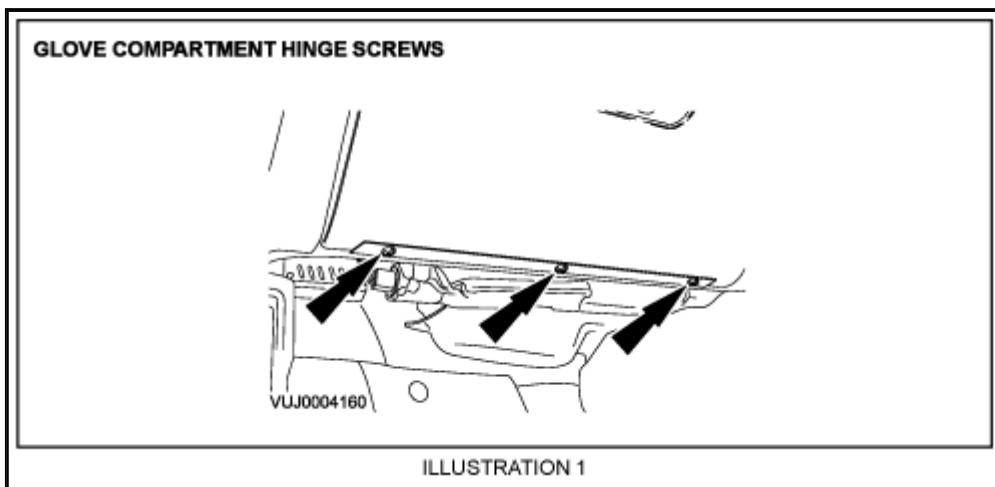


In case of a customer complaint of the above condition on a 2002-04 MY X-TYPE vehicle within the above VIN range, first test the operation of the air inlet blend door. Set the fan speed to MAX and manually de-select the recirc button, there should be an audible difference in the climate control temperature 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

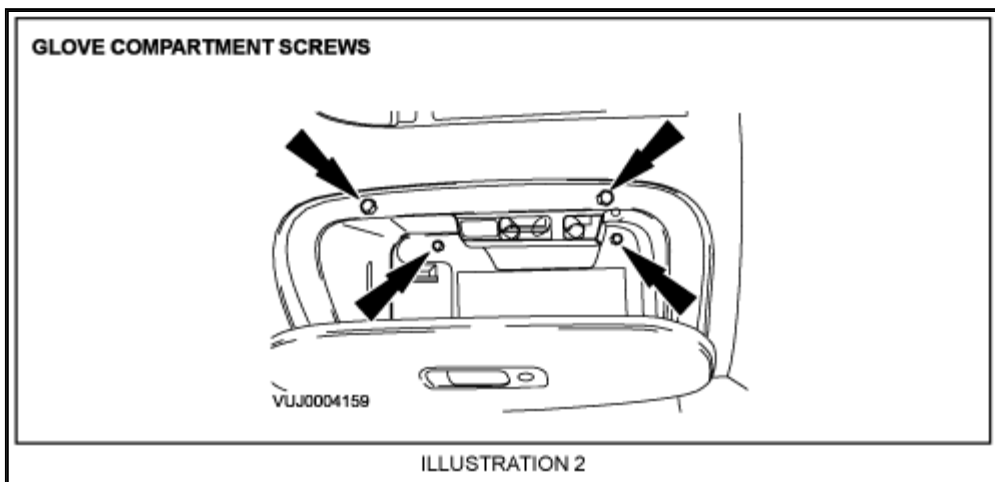
1. Open door.
2. Turn ignition 'ON'.
3. Operate front seat fully rearward for access.
4. The air recirculation switch should be in the fresh air mode.
5. Turn ignition 'OFF'.



Zoom

Sized for Print

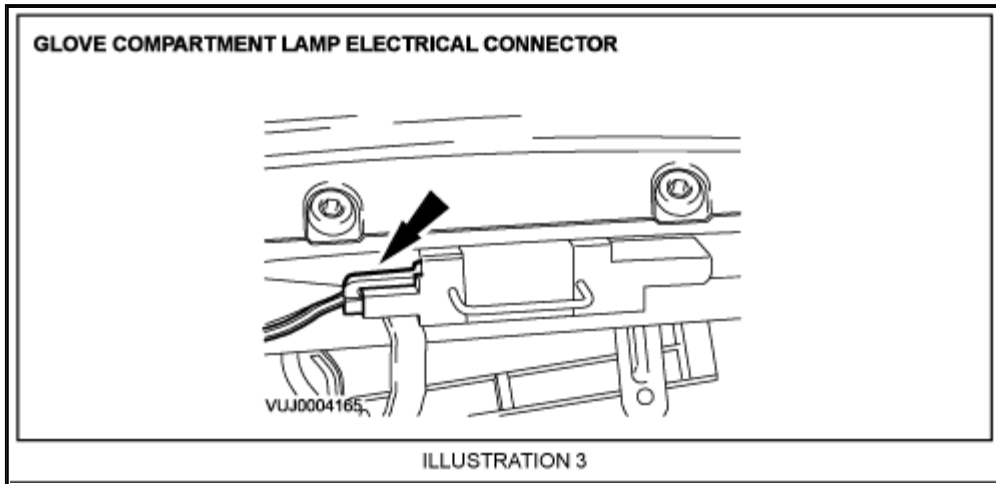
6. Remove the glove compartment hinge retaining screws (Illustration 1).



Zoom

Sized for Print

7. Remove the glove compartment retaining screws (Illustration 2).

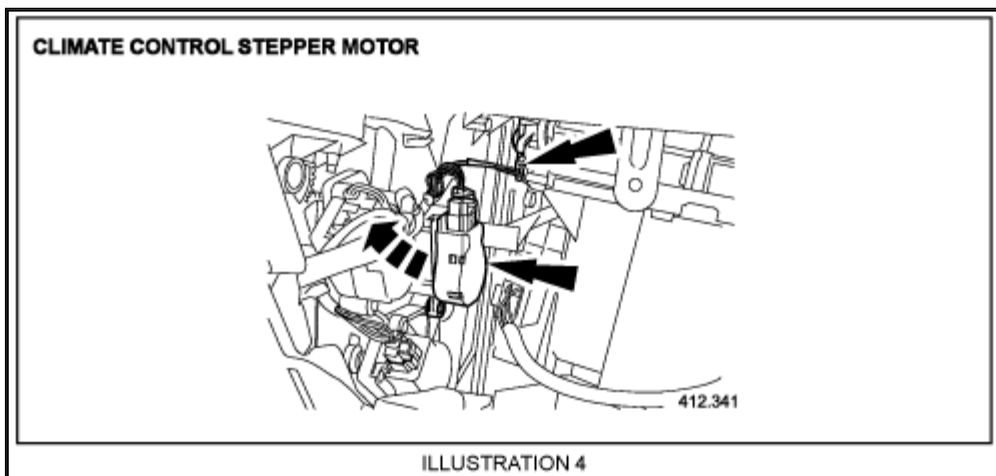


Zoom

Sized for Print

8. Disconnect the glove compartment lamp electrical connector (Illustration 3).

9. Remove the glove compartment.

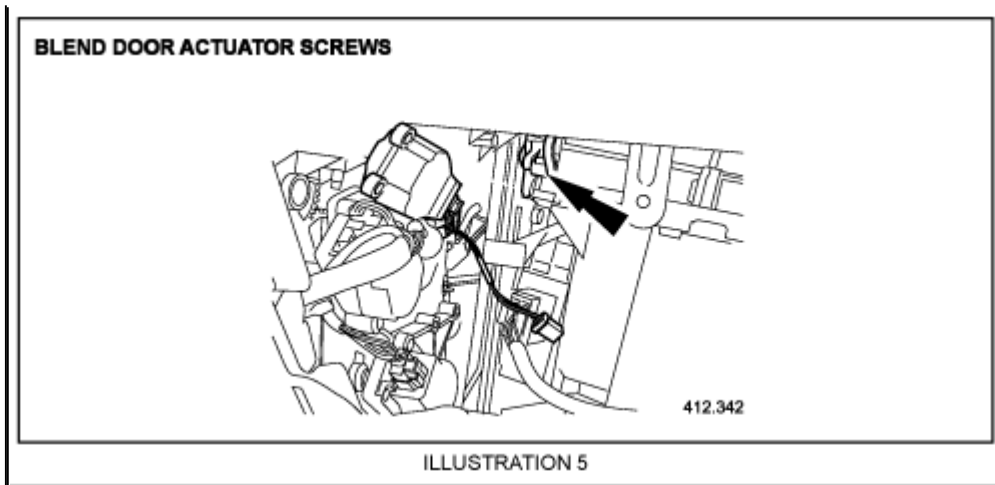


Zoom

Sized for Print

10. 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 (Illustration 4).

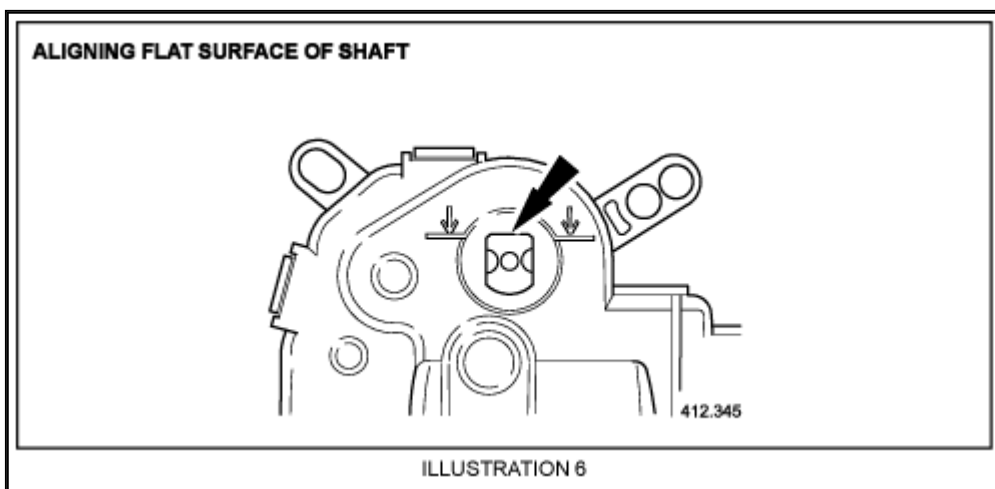




Zoom

Sized for Print

11. Remove the air inlet blend door actuator securing screws (Illustration 5).
12. Displace and remove actuator.



Zoom

Sized for Print

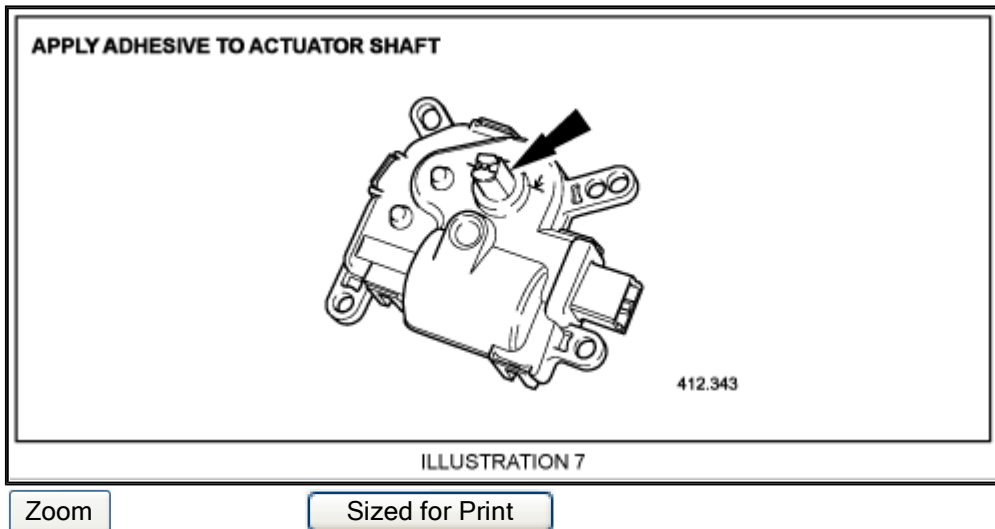
13. On all vehicles, align the actuator shaft as follows: Connect the air inlet blend door actuator to the electrical connector, and switch the ignition 'ON'. By a combination of operating the air recirculation button ON/OFF and disconnecting the electrical connector at the correct time set the shaft to the correct position. The flat opposite the curved face should be set nearest to and parallel with the line on the actuator body (Illustration 6).

**Note:** A DTC will be stored during the alignment procedure since the open circuit will be detected.

14. Turn ignition 'OFF'.
15. 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 be

pushed backwards on the motor housing when inserted in the climate control unit.



16. Apply Super Glue Gel or a suitable locally sourced adhesive to the actuator shaft (Illustration 7).

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

17. 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.

18. Install and tighten actuator-securing screws.
19. Connect actuator electrical connector.
20. Reposition and install the climate control upper front stepper motor.
21. Install and tighten the climate control upper front stepper motor securing screws.
22. Install the glove compartment.
23. Connect the glove compartment lamp electrical connector.
24. Install and tighten the glove compartment retaining screws.
25. Install and tighten the glove compartment hinge retaining screws.
26. Turn ignition 'ON'.
27. Operate front seat to original position.
28. Turn ignition 'OFF'.
29. 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.

30. Clear DTCs, switch OFF PTU, disconnect and return WDS to original location.
31. Close door.