

# INSTALL/REMOVAL INSTRUCTIONS: BLEND DOOR

**ATTENTION:** Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.

## 902-222

### Blend Door Installation Instructions



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#### Packing list:

- Blend Door
- Axle Insert
- Metal duct tape

#### Tools required:

- Screw driver
- Socket wrench set
- Rotary Cutting Tool such as Dremel® (preferably with flexible extension)
- Optional: shop vac, flashlight

The instructions are written with short instructions for the experienced technician in normal type and further explanation for the novice installer in italics. If you are insulted by over-simplified instructions, please skip the italics.

1. **Disconnect the negative terminal of the battery.**
2. **Open access to the blend door actuator motor.**

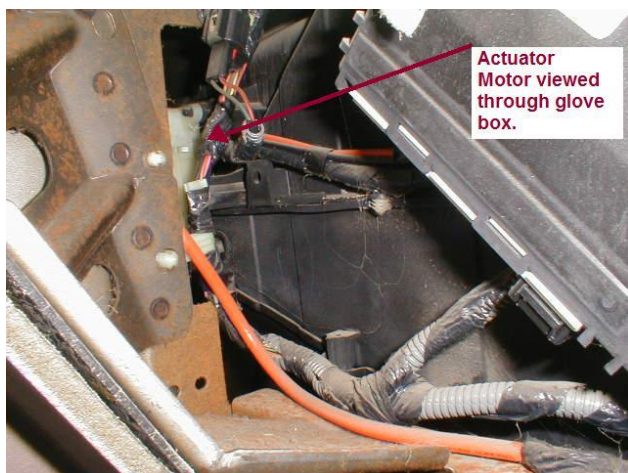
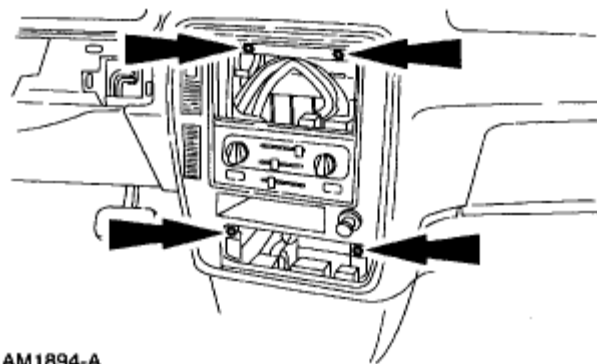


Fig. 1



AM1894-A

Fig. 2.

#### Disclaimer:

Even though every attempt is made to ensure this information is complete and accurate, it is impossible to account for all possible circumstances or situations. Please consult with a qualified auto technician before attempting to perform any work you are not qualified to do. Automobiles can be hazardous to work on; be sure to take all necessary safety precautions. Failure to do so may result in property damage or personal injury. Certain motor vehicle standards and performance requirements may apply to our motor vehicle (such as Federal Motor Vehicle Safety Standards by the National Highway Traffic Safety Administration). Be sure that your work is performed in accordance with such standards and that you do not disable any motor vehicle safety feature.

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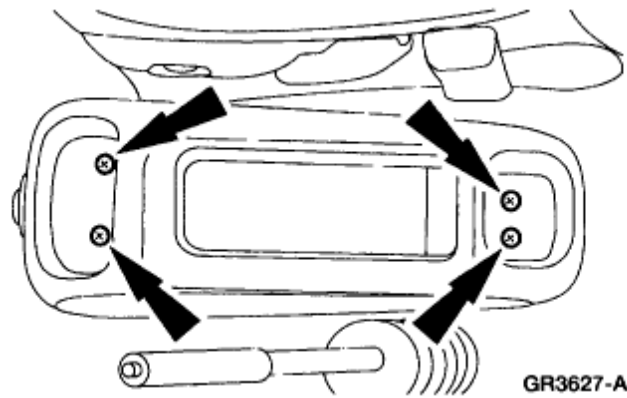


Fig. 3

### 3. Remove the actuator motor.

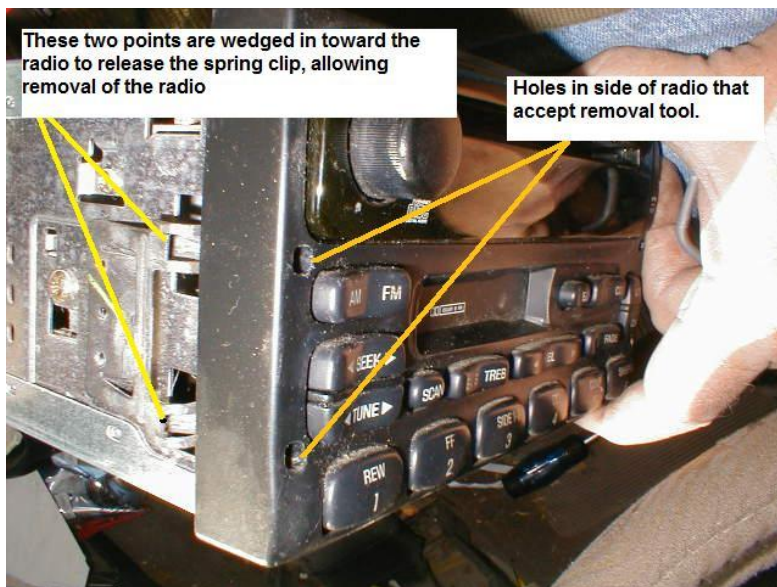


Fig. 4

### 4. Make the dremel@ cut into the heater box.

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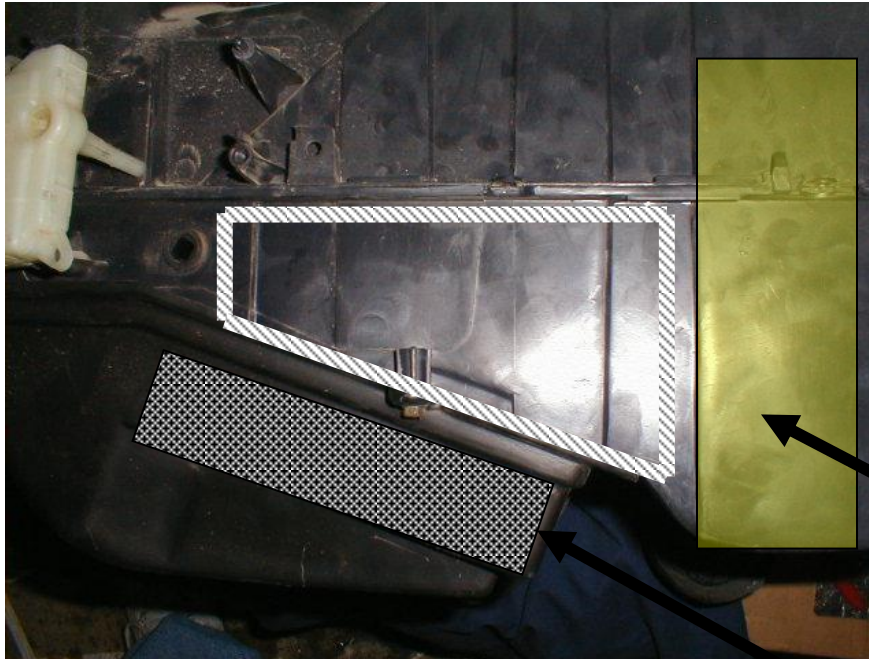


Fig 5.

This is the full cut pattern on a box removed from a Windstar. The cut on the right is parallel to the AC Evaporator core. When making the cut, the tool needs to be held pointing straight toward the front bumper. There is a half inch space between the cut and the core. The core is positioned in the box at a 90 degree angle to the front bumper. As long as you don't plunge the Dremel@ too far in while angling the blade to the right, there are no issues with the cut.

Location of AC Evaporator inside the plenum box

Heater core...well out of the way of any cuts.



Fig 6

5. **Remove the blend door through the hole that you cut in the box.**
6. **Check the fit of the actuator motor into the blend door.**
7. **Insert the replacement door into position in the box.**

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**Fig. 7**



**Fig. 8**

8. Slide the motor axle into the blend door connection and loose fit the motor to the box.
9. Replace the cut-out into the hole and secure it in place with the bottom screw and seal the cuts.
10. Tighten the motor bolts, re-connect the wiring and replace the glove box and center control panel...**DONE!!!**

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