

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.

902-225

Ford F250/350/450

Installation Instructions

Packing list:

- Blend door
- Metal duct tape

Tools required:

- Screw driver
- Rotary tool

1. **Disconnect the negative terminal of the battery.**
2. **Remove contents from glove box and release glove box to full open position (see Fig. 1).**
3. **Remove the screws holding the glove box hinge to the frame and put the glove box out of the way.**
4. **Disconnect the wire harness and remove the door actuator motor(see Fig. 2).**



Fig. 1

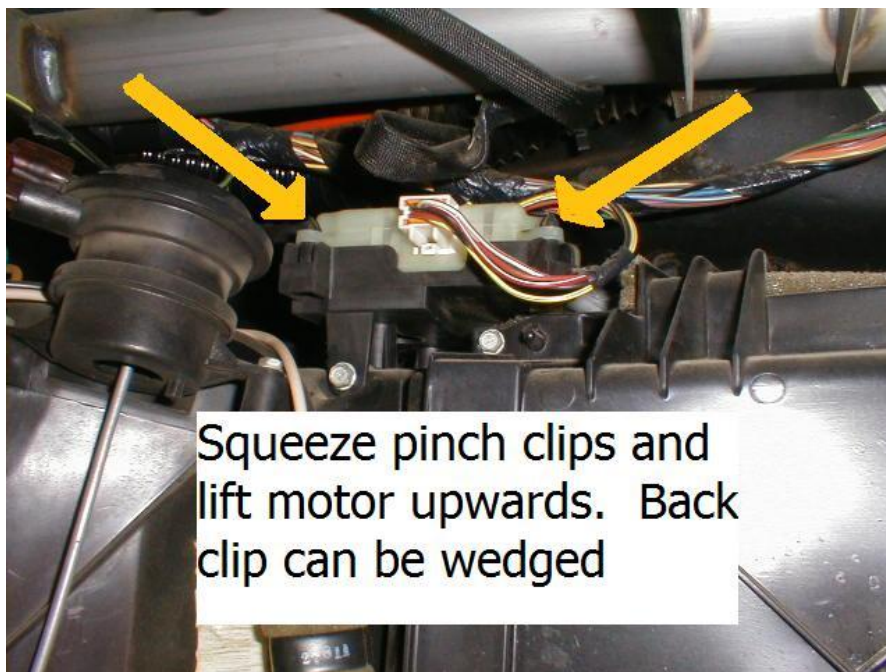


Fig. 2

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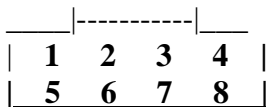
Disclaimer:

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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5. **With the motor removed you can use a ¼” socket extension to insert into the motor hole and connect to the blend door**



Male connector looking at the motor

6. **Use the pattern in Fig. 3 to cut into the bottom of the heater box with the enclosed rotary saw bit and a rotary tool. There is not much room to work, so you will need a short bodied rotary tool or a flexible extension attachment.**

This little pedestal will be used as the bottom pivot point for the HeaterTreater blend door. It must be left intact.

The cone shaped structure on the bottom of the box is the condensation drain. You want to be careful when making the cut to not cut into this structure on the right side of the cut as shown in the picture. You can create a leak of condensation from the evaporator core dripping into the passenger footwell. It's not a big deal if you cut it, but you would want to make sure it's sealed well after the repair. The heater core and AC evaporator core are well out of the way and there is no danger of causing damage.

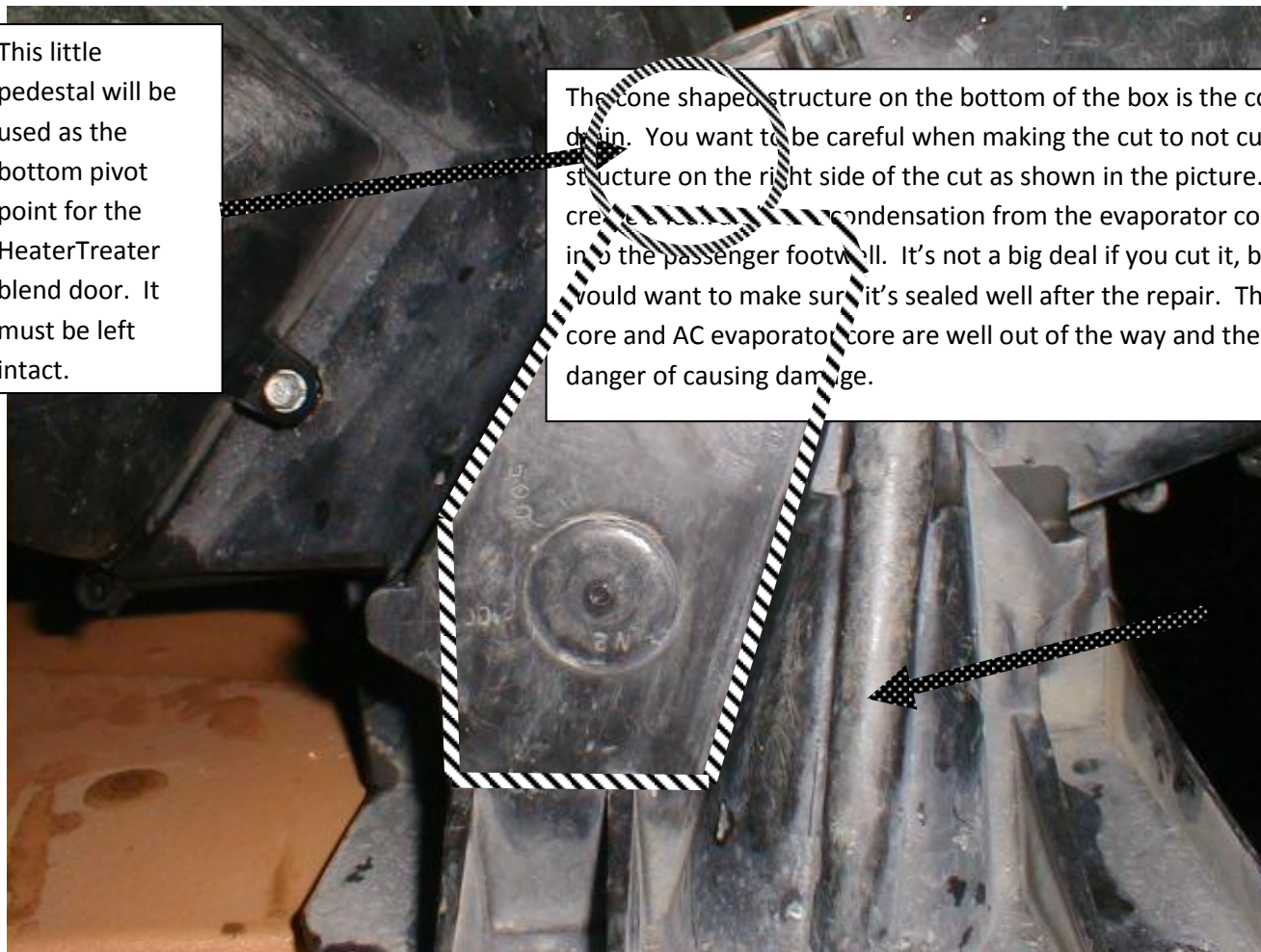


Fig. 3

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7. Remove the old plastic blend door.
8. Check that there are no plastic shavings or other debris in the pedestal and place the provided plastic spacer into the bottom of the pedestal from inside the box.
9. Prepare the motor drive axle and check the fit before installing the door *will be reluctant to cut the old motor just in case this doesn't work and they have to go back to OEM plastic doors. We are 100% confident in our fix and will refund the purchase price of the kit AND provide a new long axle unmodified motor at no charge should any customer decide to remove our fix and replace it with Ford plastic.*

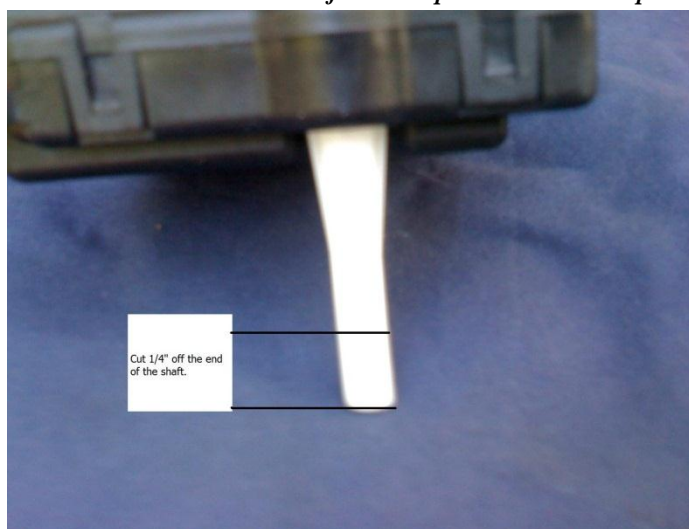


Fig. 4



Fig. 5

10. Insert the door in from the bottom of the box and insert the motor connector in from the top, fitting it into the axle.
11. Check that the door moves freely and replace the actuator motor and re-connect the wire.
12. Reconnect the battery and turn the HVAC system on. You can observe movement of the blend door when you change the temperature knob. The extents of movement may not be completely correct on the first trial. The computer has to learn the position of the new hardware and may take a few cycles to get it right.
13. When you have confirmed that the door is operating properly, the last step is to replace the cut-out piece that we removed earlier. Use the provided metal tape to secure the cut-out in place.
14. Replace the glove box...DONE!!!

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