

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.

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.

902-223

**Ford Taurus/Mercury Sable Blend Door Repair
Installation Instructions**

Packing list:

- Metal blend door
- Metal duct tape

Tools required:

- Screw driver
- Socket wrench set
- Dremel® tool (with flexible extension)
- Optional: shop vac, flashlight

1. Disconnect the negative terminal of the battery.

2. Remove the blend door actuator motor.

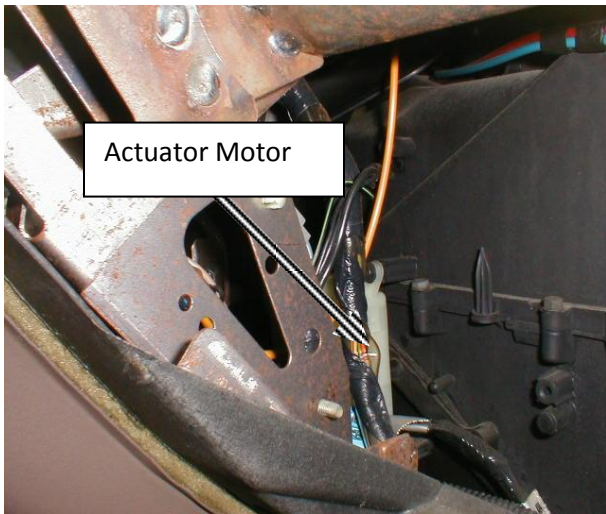
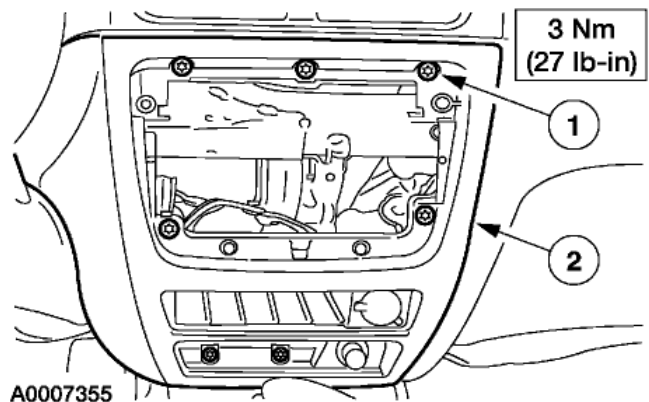
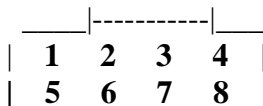


Fig. 1



A0007355

Fig. 2.



Male connector looking at the motor

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.

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.

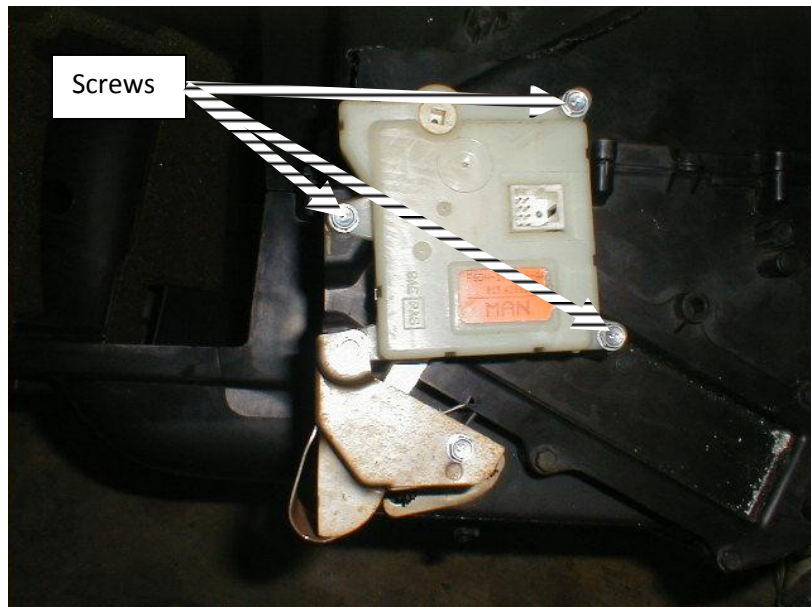


Fig. 3

1. Remove the metal covering at the bottom left of the motor to reveal the lower left screw on the motor.
2. Remove the indicated screws and pull the motor off.
3. The system of levers and springs under the metal cover control the "back door". Air flows through the heater core, regulated by the blend door. When the blend door is closed over the heater core(max AC), no air flows through the heater core. However, the back of the heater core is still exposed to the vent system and there is some radiant heat that will escape into the vent system. This mechanism controls a small door that closes off the back of the heater core in full AC mode.
4. The plastic levers are very fragile and will break easily if you try to bend them at all. We will not re-use this fragile plastic with the HeaterTreater replacement blend door.

3 Make the dremel@ cut into the heater box.



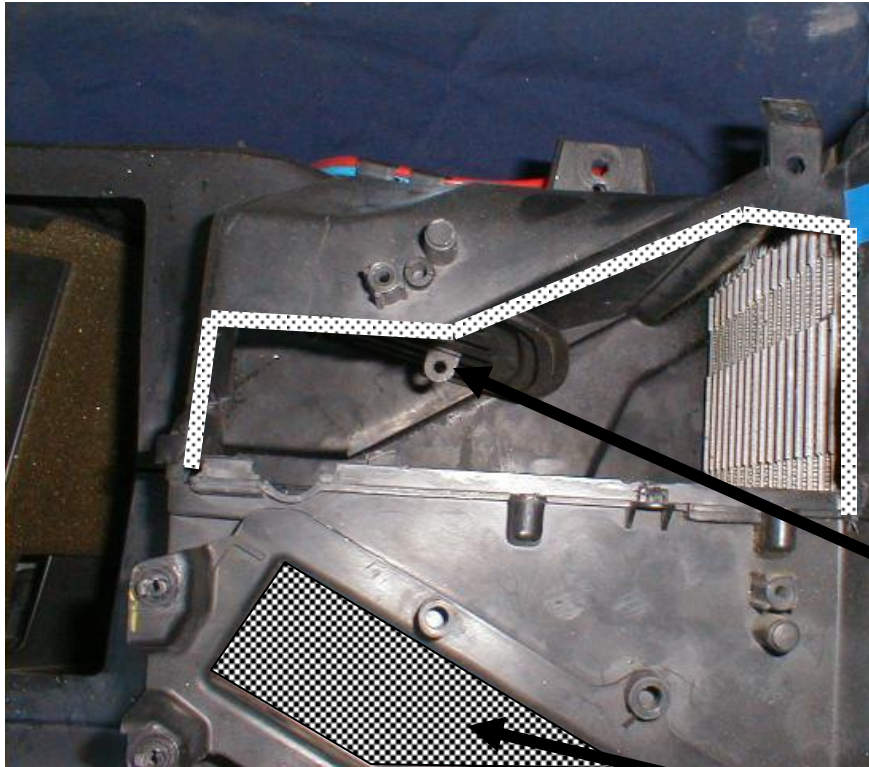
Disclaimer:

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.

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.

Fig 4.

4. Remove the blend door through the hole that you cut in the box.

**Fig 5**

This is the full cut pattern on a box removed from a Taurus. The cut on the right is parallel to the AC Evaporator. When making the cut, the tool needs to be held pointing straight towards 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 in and angle the blade to the right, there are no issues with the cut.

This is an upper flap that will be connected to the blend door with a plastic push rod. You can remove to push rod, or the whole flap will come out and is easy to re-insert.

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

- 5. Remove the blend door through the hole that you cut in the box.**
- 6. Insert the replacement door into position in the box.**
- 7. Slide the motor axle into the blend door connection and loose fit the motor to the box.**
- 8. Replace the cut-out into the hole and secure it in place with the two bottom screws and seal the cuts. .**
- 9. Replace the heater core back door control with the supplied hardware as shown in Fig 6.**

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.

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.



Fig. 6

10. Tighten the motor bolts, re-connect the wiring and replace the glove box...DONE!!!

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.