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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.

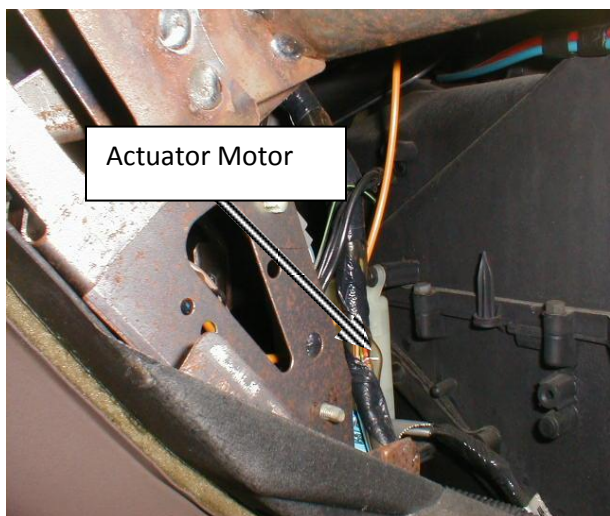
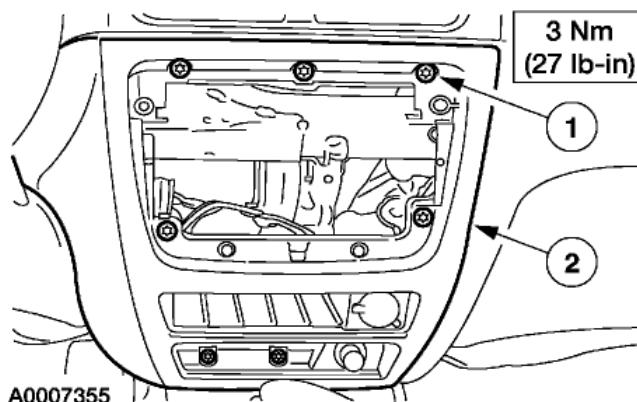


Fig. 1



A0007355

Fig. 2.

1	2	3	4
5	6	7	8



Male connector looking at the motor

Disclaimer:

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INSTALL/REMOVAL INSTRUCTIONS:**Blend Door**

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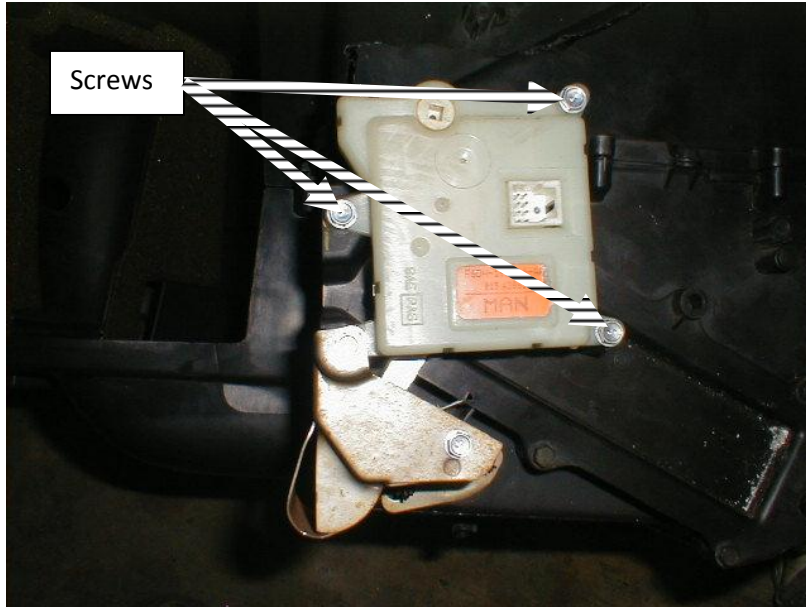
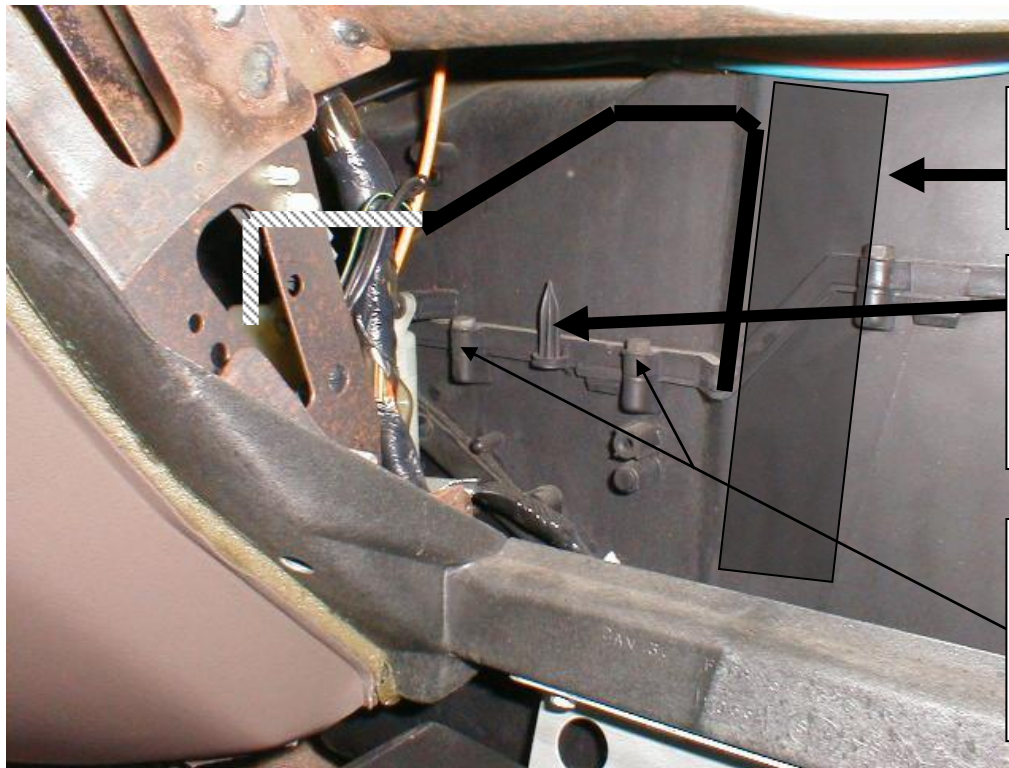


Fig. 3

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.

Location of AC Evaporator inside the plenum box

This is an alignment key that was useful at the factory to assemble the box. It is now in the way, clip it off

These two screws will be removed to release the cut-out and used to re-align the cut-out when we seal the opening.

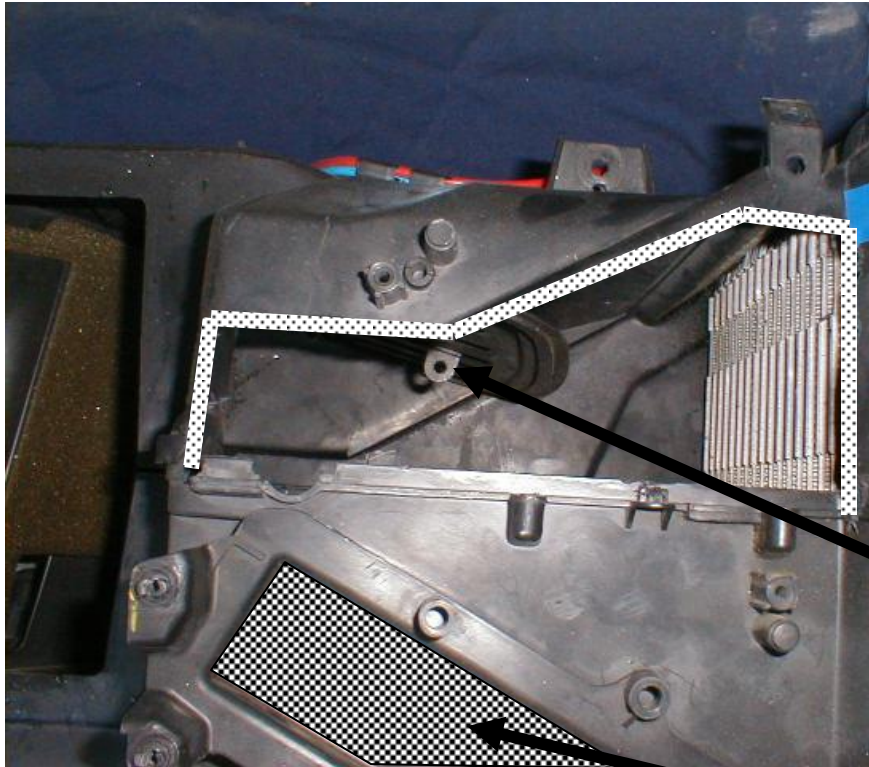
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Fig 4.

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



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.

Fig 5

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.

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Fig. 6

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

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