

[PATH: Heating & Air Conditioning > Heater Core > Removal & Installation](#)

Removal & Installation

1. Disconnect the negative battery cable.

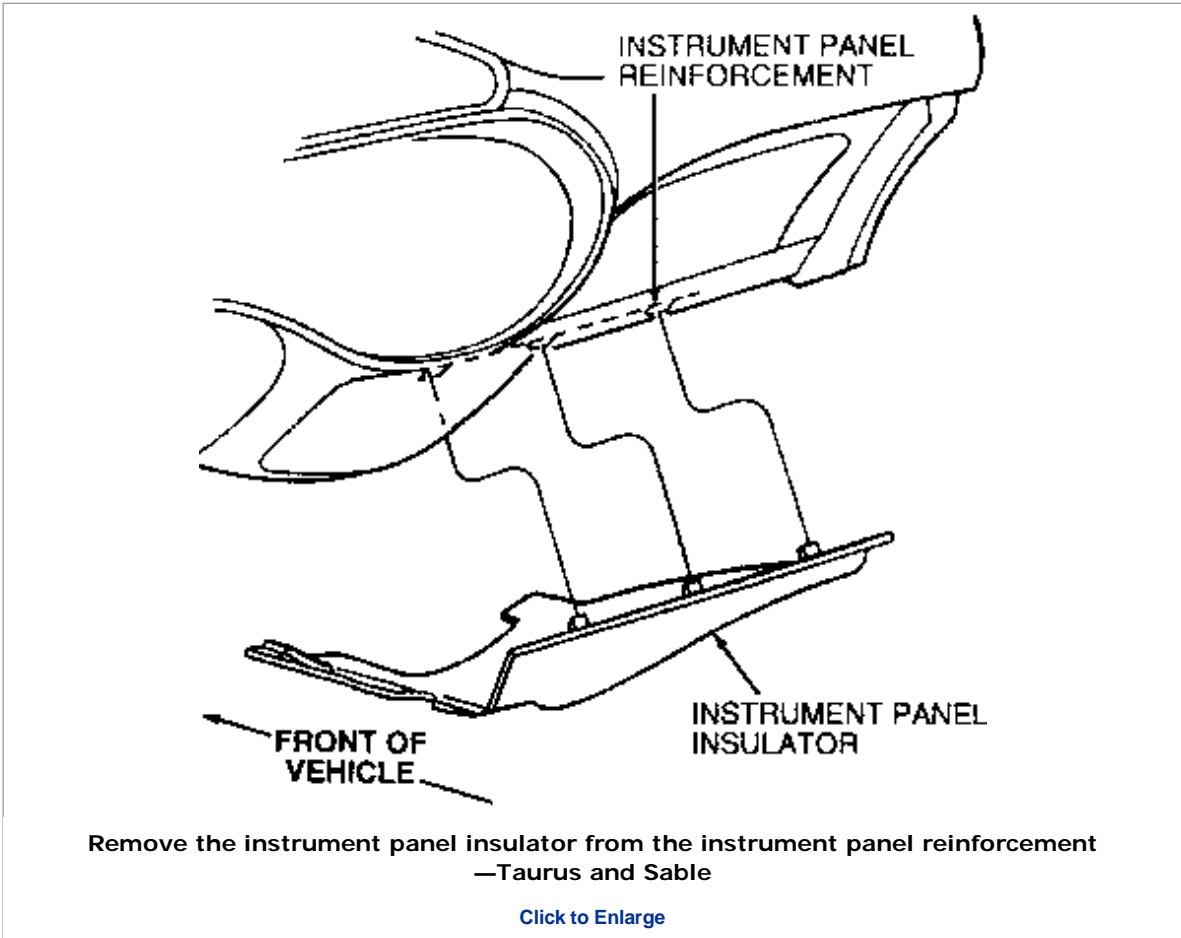
CAUTION

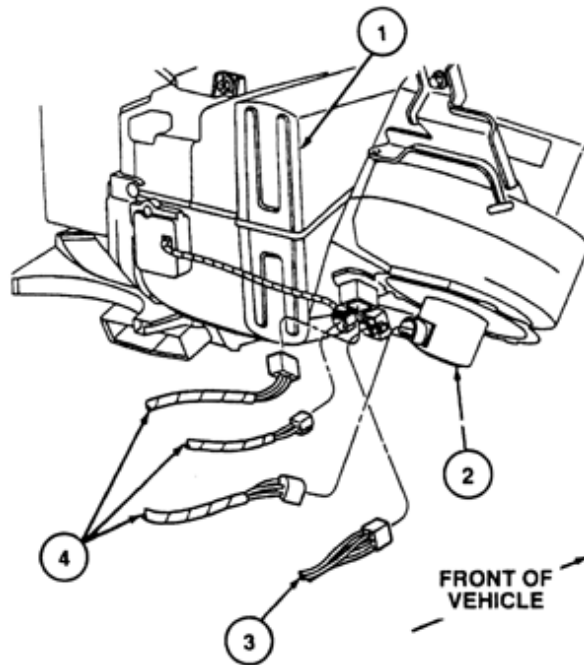
After disconnecting the negative battery cable, wait for at least 1 minute for the SRS or air bag module to deplete its energy.

2. Place the front wheels in the straight-ahead position.
3. Lock the steering column.
4. Remove or disconnect the following:
 - SRS bolt covers from both sides of the steering wheel
 - SRS module-to-steering wheel bolts
 - SRS module and disconnect the electrical connector
 - Steering wheel bolt and discard it
5. Press the steering wheel from the steering column.
 - Lower steering column shaft bolt
 - 2 lower instrument panel cover-to-instrument panel screws and unsnap the lower cover from the instrument panel
6. Turn ignition switch to the RUN position
7. Insert a $\frac{1}{8}$ in. (3mm) wire or pin punch in the lower steering column shroud hole, under the ignition switch; then, press on the pin while pulling out on the ignition switch lock cylinder and remove it from the steering column lock cylinder housing.
8. Remove or disconnect the following:
 - 3 steering column shroud screws and the shrouds
 - Shift control selector lever boot
 - Gearshift lever pin from the manual control lever and remove the lever
 - Wiring connector at the bottom of the steering column and remove the wiring from the column, (if equipped with an overdrive lockout switch on the manual control lever)
 - Electrical connectors
 - Multi-function switch screws and move it aside
 - Shift indicator cable from the shifter tube
 - Shifter indicator-to-column adjustment cable screw
 - Interlock cable and actuator (if equipped with a column shift)
 - 4 steering column-to-instrument panel bracket nuts and steering column
 - Push pins and the lower instrument cover from the instrument panel reinforcement (at the passenger's side)
 - Console finish panel
9. Under the steering column, 2 instrument panel brace screws, the courtesy lamp socket, the 2 Diagnostic Link Connector (DLC) screws and the instrument panel brace.
10. If not equipped with an Electronic Automatic Temperature Control (EATC), disconnect the electrical connectors and the vacuum harness from the evaporator housing and the blower motor.
11. If equipped with an Electronic Automatic Temperature Control (EATC), remove the sensor hose/elbow and disconnect the electrical harness connectors and the vacuum hose harness from the evaporator housing.
12. Insert the Radio Removing tools 415-001 into the integrated control panel faceplate; then, push

the tools in approximately 1¹/₂ in. (38mm) to release the retaining clips. Spread the tools slightly and pull the integrated control panel from the instrument panel.

13. Remove or disconnect the following:
- Electrical connectors and the automatic temperature control sensor hose and elbow, if equipped
 - 6 console center finish panel screws and the panel, (if equipped with a floor shift)
 - 4 instrument panel finish panel screws and panel, located at the right side of the steering column, (if equipped with a column shift)
 - Instrument cluster finish panel-to-instrument panel clips and pull the finish panel straight out
 - 4 instrument cluster-to-instrument panel screws, the electrical connectors and the instrument cluster
 - Upper finish panel (located at the top of the instrument panel)
 - Light sensor amplifier connector, (if equipped with an autolamp)
 - Instrument panel finish end panels on both sides of the instrument panel
 - Front scuff plates and pull the door weatherstrip away from the instrument panel (on both sides of the instrument panel)
 - 3 instrument panel-to-upper cowl top panel screws
 - 2 screws at each end of the instrument panel
 - Instrument panel electrical connectors and the parking brake switch
 - Instrument panel
14. Drain the cooling system into a clean container for reuse
15. Remove or disconnect the following:
- Heater hoses from the heater core and plug the openings
 - 4 air conditioning electronic blend door actuator-to-heater/air conditioning housing assembly screws and the actuator
 - Metal cover, disengage the spring from the heater core cover and from the lever
 - Gently, depress the locking ramp and remove the lever from the secondary air temperature control door end
- WARNING**
Do not attempt to bend any part of the lever, for it is brittle and will break.
16. Rotate the primary air conditioning air temperature control door shaft downward, swing the metal link counterclockwise and remove it from the pin.
17. Remove the 3 heater core cover-to-heater/air conditioning housing assembly screws, the cover and the seal.
18. Press on the heater core tubes and remove the heater core from the heater/air conditioning housing assembly.

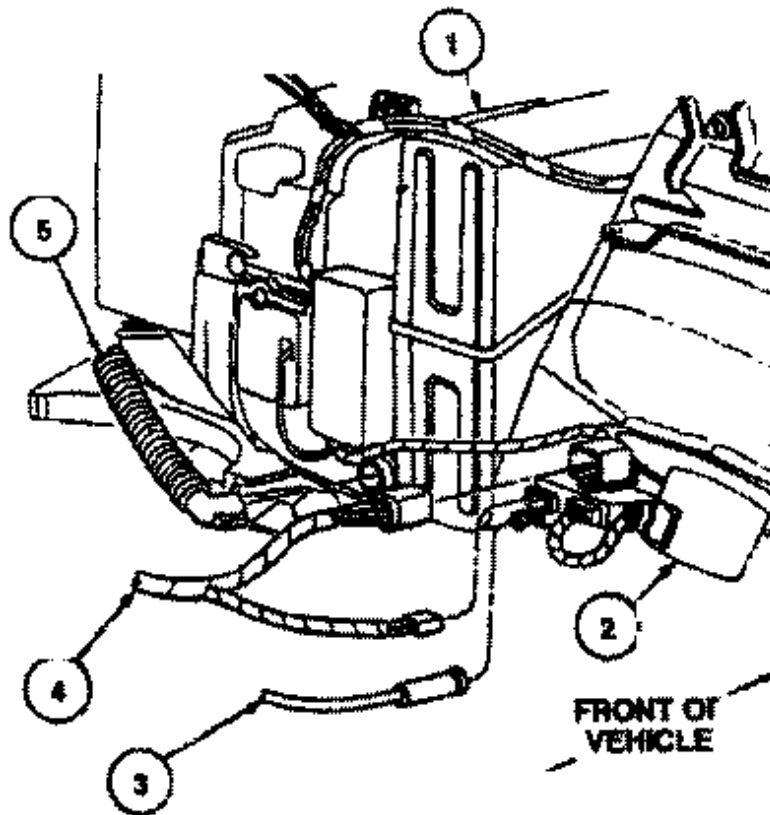




Item	Description
1	A/C Evaporator Housing
2	Blower Motor
3	Vacuum Hose Harness
4	Main Wiring

Manual air conditioning/heater equipped vehicles disconnection points—Taurus and Sable

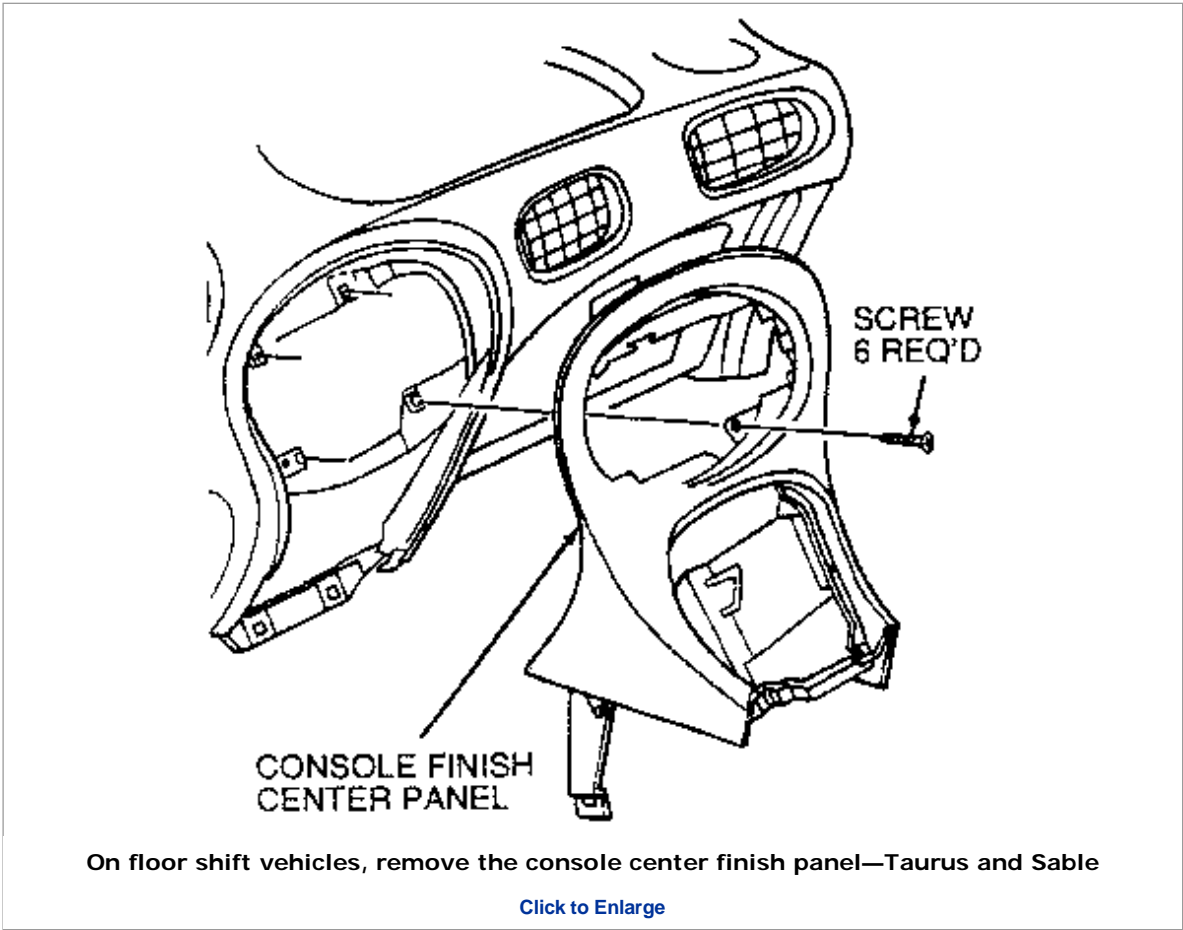
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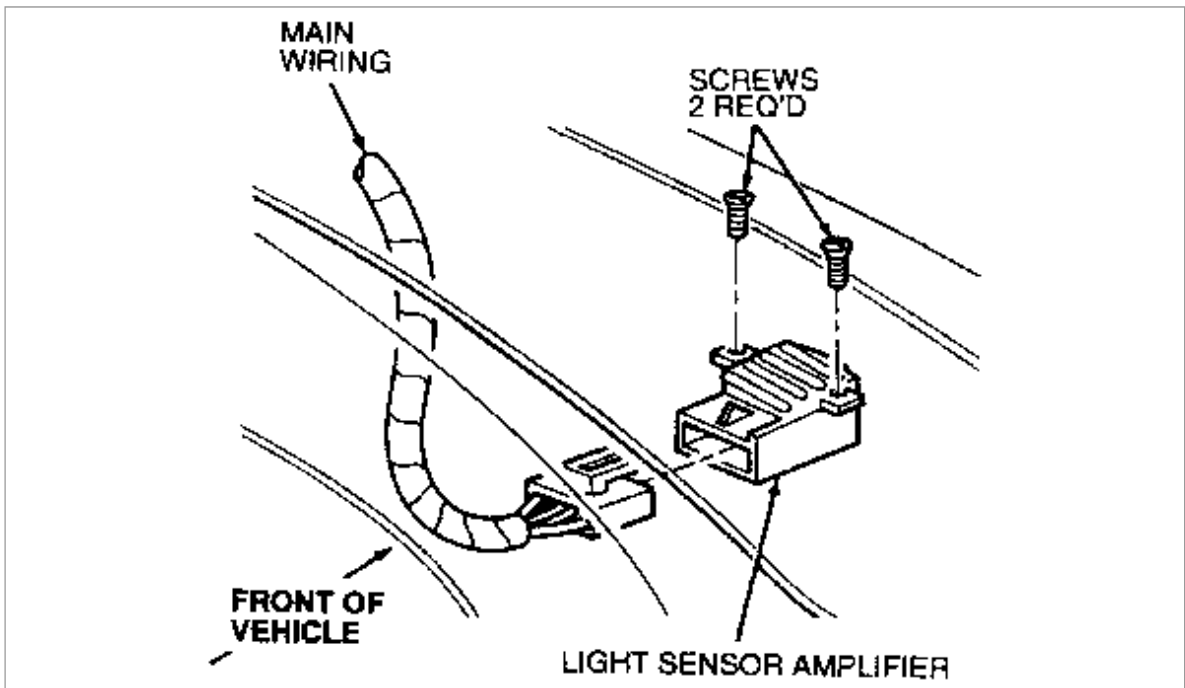
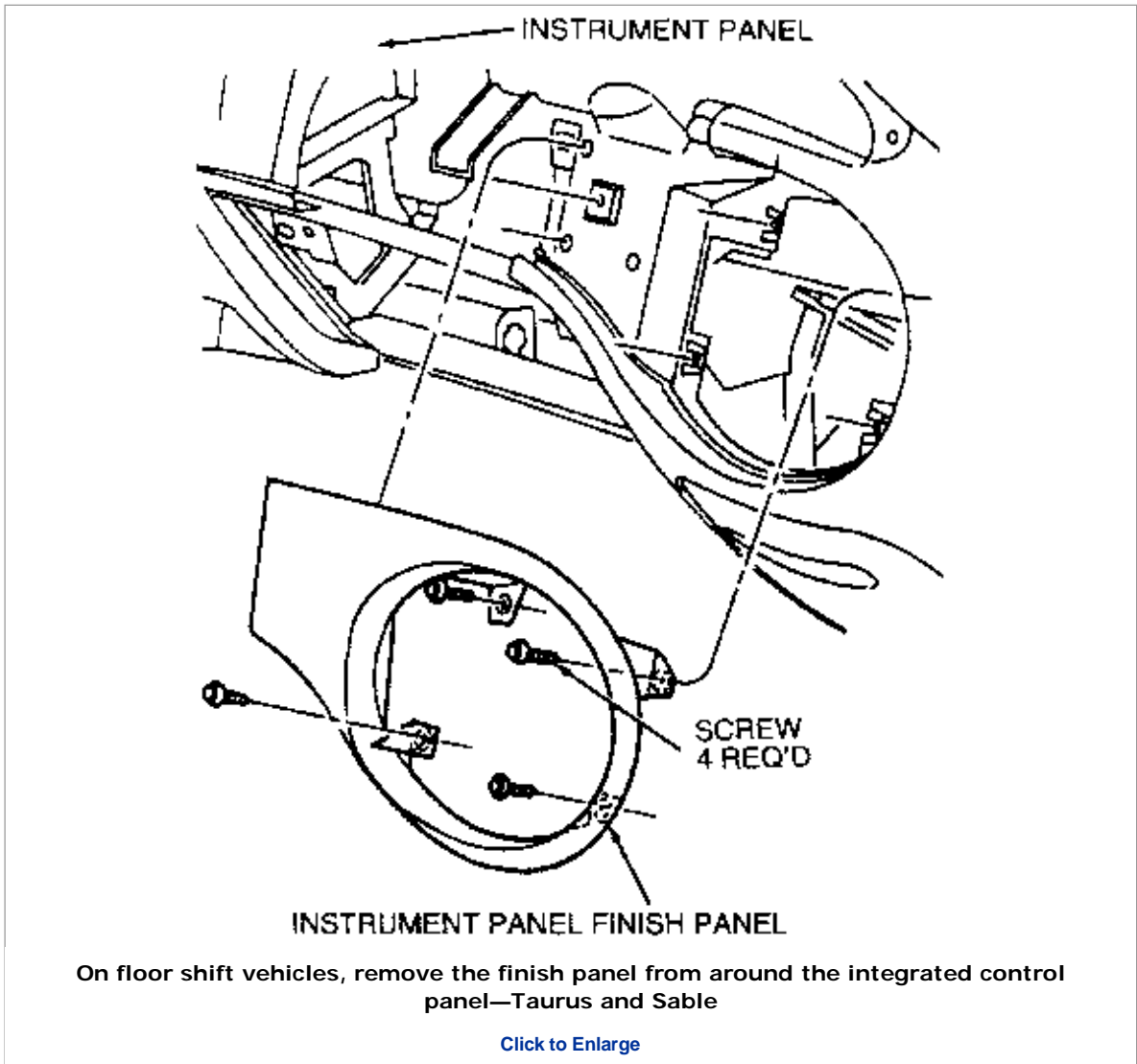


Item	Description
1	A/C Evaporator Housing
2	Blower Motor
3 & 4	Main Wiring
5	Automatic Temperature Control Sensor Hose and Elbow

EATC equipped vehicles disconnection points—Taurus and Sable

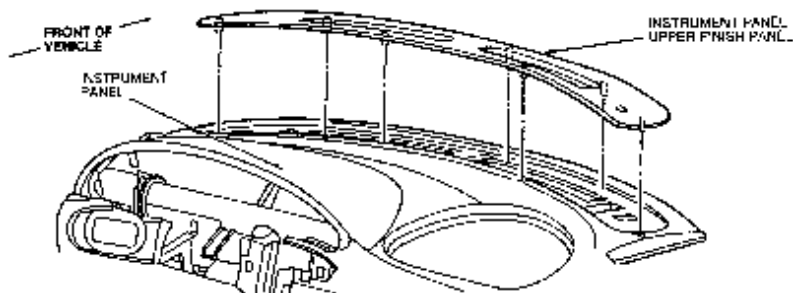
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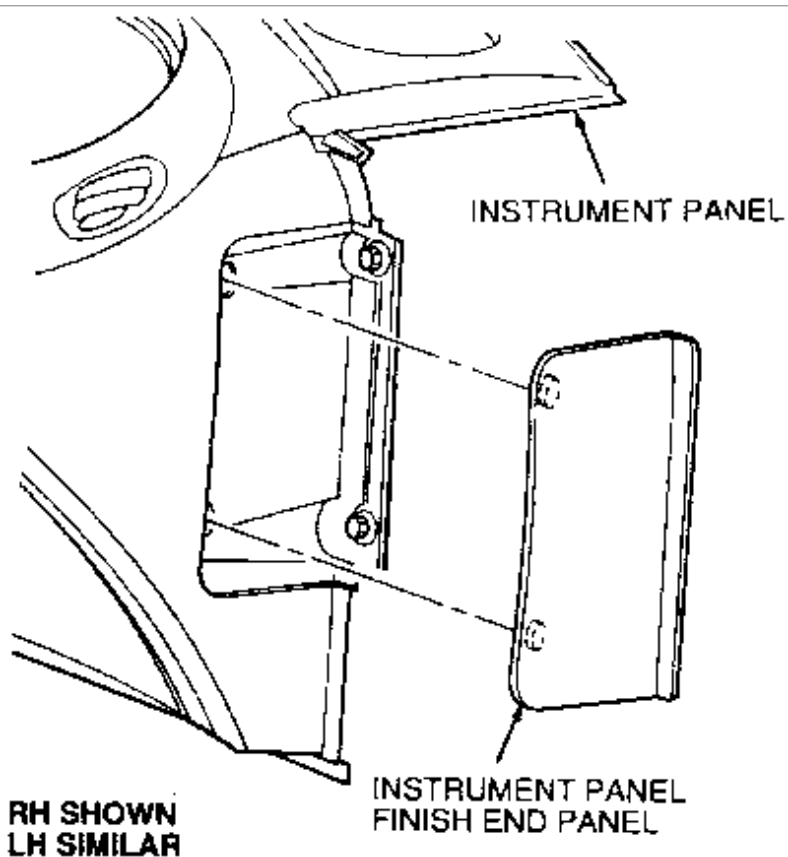
If equipped with autolamps, detach the light sensor amplifier—Taurus and Sable

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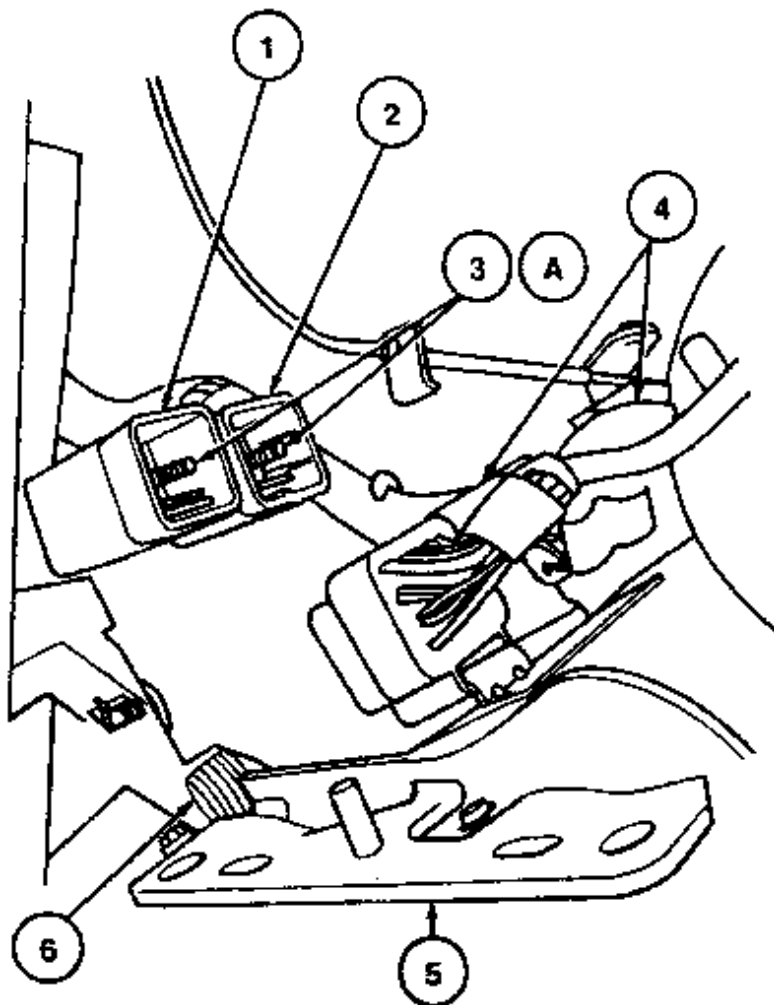
Unsnap the upper finish panel from the instrument panel—Taurus and Sable

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Remove the instrument panel finish end panel—Taurus and Sable

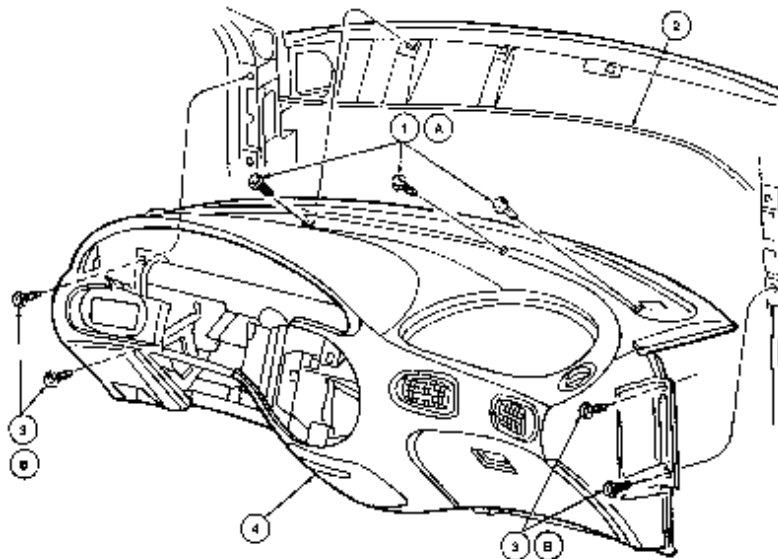
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Item	Description
1	Wiring Assy Electrical Connector
2	Wiring Assy Electrical Connector
3	Bolt (Part of 14290 and 14A005)
4	Wiring Assy Electrical Connector
5	Instrument Panel
6	Parking Brake Control
A	Tighten to 4-6 N·m (36-53 Lb·In)

Detach the electrical connectors—Taurus and Sable

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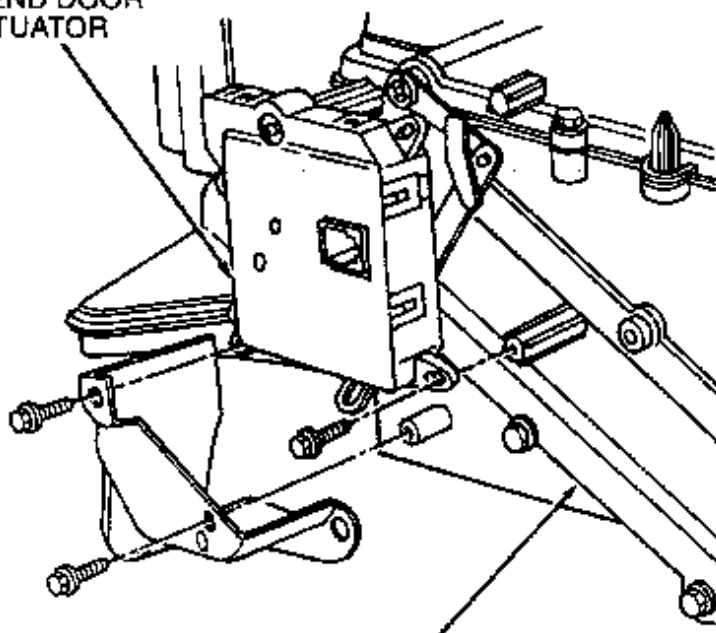
Item	Description
1	Screw (8 Req'd)
2	Cowl Top Panel
3	Screw (4 Req'd)
4	Instrument Panel

Item	Description
A	Torx Nut 7-R Nm (50-74 : LE-R)
B	Washer 19-25 Nm (10-16 : LI-F)

Instrument panel-to-cowl panel mounting—Taurus and Sable

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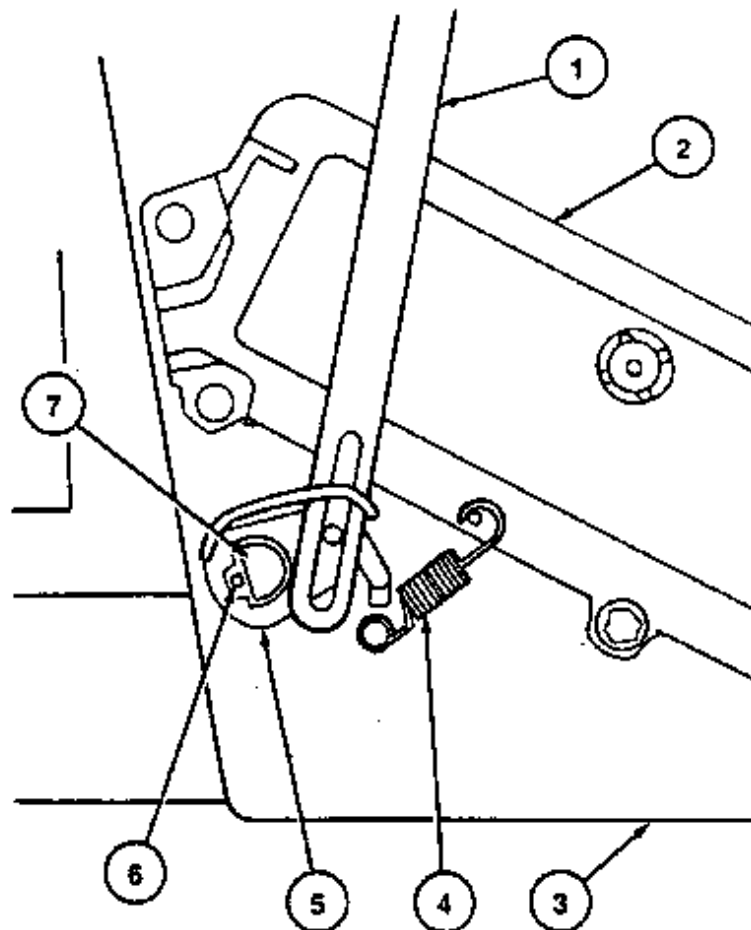
A/C ELECTRONIC
BLEND DOOR
ACTUATOR



A/C EVAPORATOR HOUSING

Remove the 4 blend door actuator retaining screws—Taurus and Sable

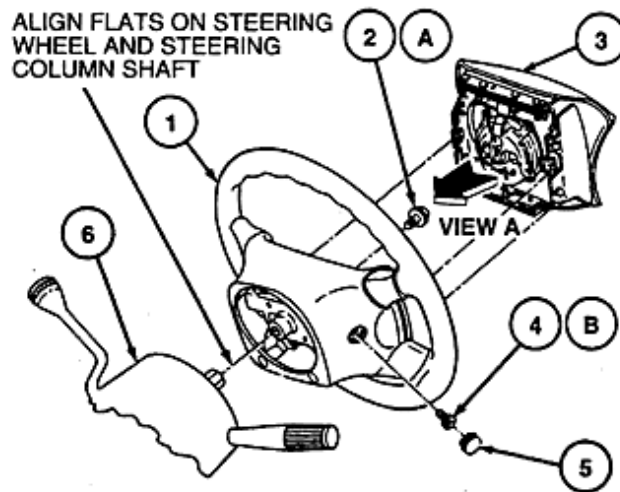
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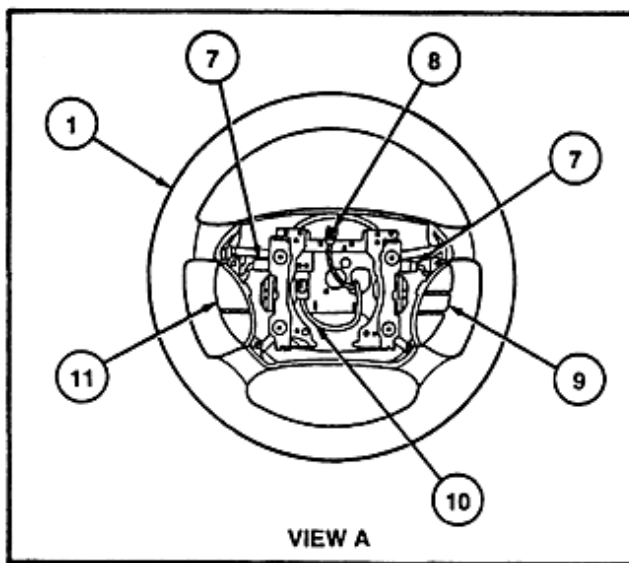
Item	Description
1	Metal Link (Part of 19B555)
2	Heater Core Cover
3	A/C Evaporator Housing
4	Spring (Part of 19B556)
5	Lever (Part of 19B555)
6	Locking Ramp (Part of Secondary A/C Air Temperature Control Door Shaft)
7	Secondary A/C Air Temperature Control Door Shaft (Part of 19B555)

Secondary air temperature door connections—Taurus and Sable

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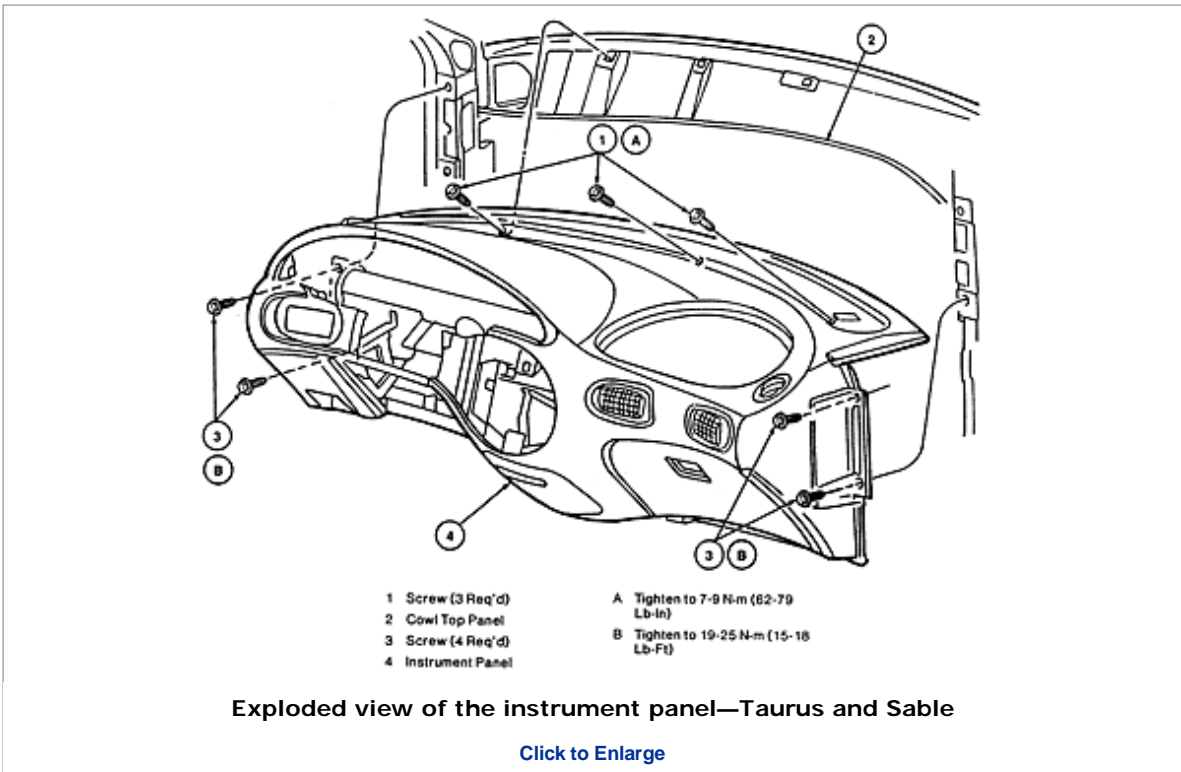
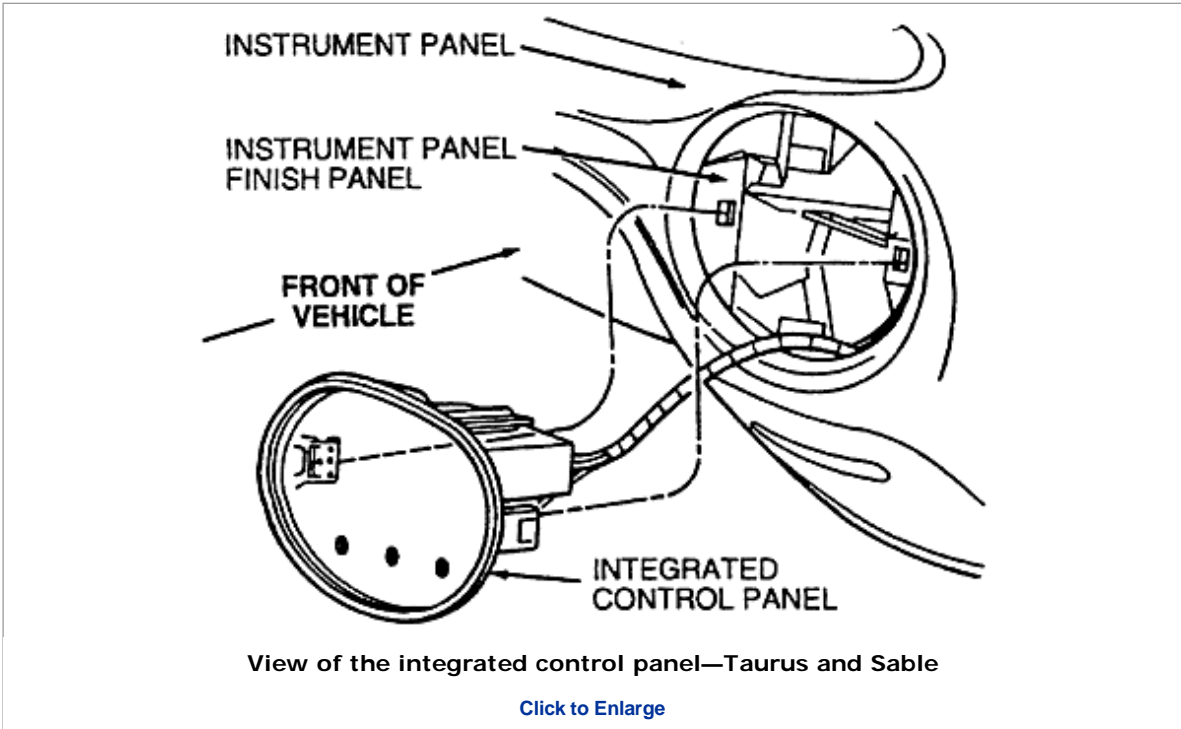
TAURUS, SABLE (EXCEPT SHO)

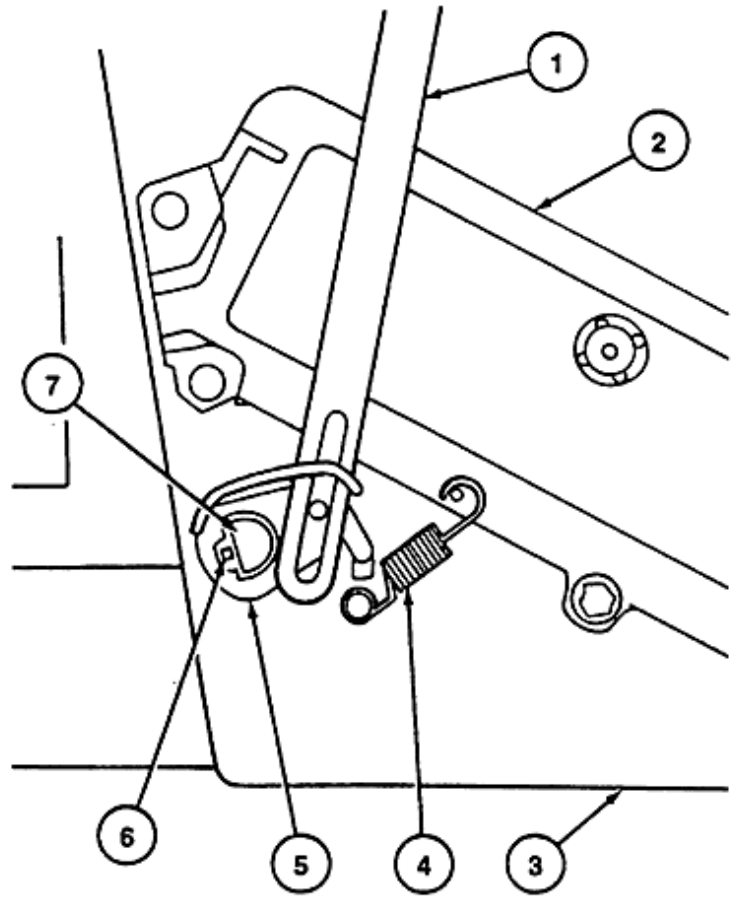


- | | |
|--|--|
| 1 Steering Wheel | 10 Speed Control/Horn Wire Connector |
| 2 Bolt | 11 Speed Control Actuator Switch (Left Hand) |
| 3 Driver Side Air Bag Module | A Tighten to 34-46 N·m (26-33 Lb·Ft) |
| 4 Screw (2 Req'd) | B Tighten to 10-14 N·m (89-123 Lb·In) |
| 5 Steering Wheel Spoke Cover | |
| 6 Steering Column Tube | |
| 7 Electrical Connector | |
| 8 Air Bag Electrical Connector | |
| 9 Speed Control Actuator Switch (Right Hand) | |

Exploded view of the SRS module and the steering wheel assembly—Taurus and Sable

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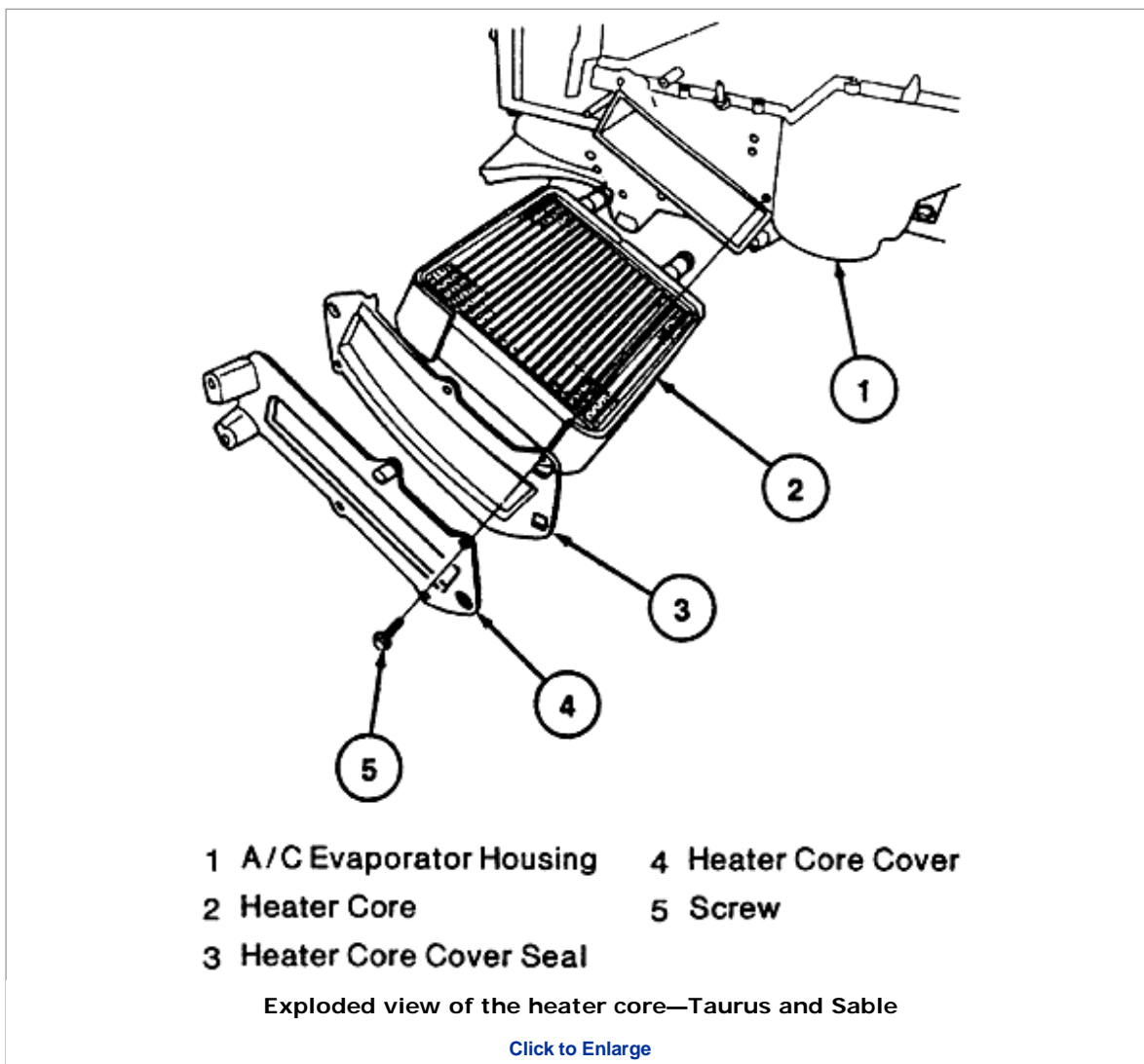




- | | |
|--------------------------|---|
| 1 Metal Link | 6 Locking Ramp (Part of Secondary A/C Air Temperature Control Door Shaft) |
| 2 Heater Core Cover | 7 Secondary A/C Air Temperature Control Door Shaft |
| 3 A/C Evaporator Housing | |
| 4 Spring | |
| 5 Lever | |

View of the temperature control mechanism—Taurus and Sable

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To install:

1. Install or connect the following:
 - Heater core to the heater/air conditioning housing assembly
 - Heater core cover, the seal and the 3 heater core cover-to-heater/air conditioning housing assembly screws
 - Lever to the secondary air conditioning air temperature control door end
 - Spring to the lever, engage the spring to the heater core cover and install the metal cover
 - Air conditioning electronic blend door actuator and the 4 actuator-to-heater/air conditioning housing assembly screws
 - Heater hoses to the heater core
 - Instrument panel with the help of an assistant
 - Instrument panel electrical connectors and the parking brake switch
 - 2 screws at each end of the instrument panel with the help of an assistant
 - 3 instrument panel-to-upper cowl top panel screws
 - Front scuff plates and the door weatherstrip (on both sides of the instrument panel)
 - Instrument panel finish end panels (on both sides of the instrument panel)
 - Electrical connector to the light sensor amplifier (if equipped with an autolamp)
 - Upper finish panel (at the top of the instrument panel)
 - Instrument cluster, electrical connectors and the 4 instrument cluster-to-instrument panel screws

- Instrument cluster finish panel and engage the finish panel-to-instrument panel clips
- Instrument panel finish panel and 4 panel screws, located at the right side of the steering column (if equipped with a column shift)
- Console center finish panel and the 6 panel screws (if equipped with a floor shift)
- Electrical connectors and the automatic temperature control sensor hose and elbow, if equipped
- Integrated control panel faceplate

WARNING

Do not use excessive force when installing the radio, the retaining clips can become damaged.

- Sensor hose/elbow, the electrical harness connectors and the vacuum hose harness to the evaporator housing (if equipped with an Electronic Automatic Temperature Control (EATC))
 - Connect the electrical connectors and the vacuum harness to the evaporator housing and the blower motor (if not equipped with an EATC)
 - Instrument panel brace and the 2 Diagnostic Link Connector (DLC) screws
 - Courtesy lamp socket and install the 2 instrument panel brace screws
 - Console finish panel (if equipped with a floor shift)
 - Lower instrument cover to the instrument panel reinforcement (located on the passenger's side)
 - Steering column and torque the 4 steering column-to-instrument panel bracket nuts to 10–13 ft. lbs. (13–17 Nm)
 - Interlock cable and actuator (if equipped with a column shift)
 - Shifter indicator-to-column adjustment cable screw
 - Shift indicator cable to the shifter tube
 - Multi-function switch and the screws
 - Electrical connectors
 - Wiring connector at the bottom of the steering column and install the wiring to the column (if equipped with an overdrive lockout switch on the manual control lever)
 - Gearshift lever and the lever pin to the manual control lever
 - 3 steering column shroud screws and the shrouds
 - Ignition switch to the steering column lock cylinder housing
 - Lower instrument panel cover and the 2 lower cover-to-instrument panel screws
 - Lower steering column shaft bolt and torque it to 17–20 ft. lbs. (22–26 Nm)
 - Steering wheel to the steering column
 - New steering wheel bolt and torque it to 26–33 ft. lbs. (34–46 Nm)
 - SRS module and connect the electrical connector
 - SRS module-to-steering wheel bolts and torque the bolts to 89–123 inch lbs. (10–14 Nm)
 - SRS bolt covers
 - Negative battery cable
2. Fill the cooling system.
 3. Operate the engine to normal operating temperatures; then, check the climate control operation and check for leaks.