

6-14 CHASSIS ELECTRICAL

70. Remove the screws and remove the A/C electronic blend door actuator.

71. Remove the A/C air intake flue damper assist spring.

*** CAUTION

Do not attempt to bend any part of the A/C damper door shaft. It is brittle and will break.

72. Depress the locking ramp and remove the A/C damper door shaft from the air temperature control door shaft.

*** CAUTION

Do not attempt to bend any part of the lever. It is brittle and will break.

73. Remove the A/C evaporator case outlet door shaft.

74. Remove the screws and the heater core cover.

75. Remove the heater core cover seal.

76. Remove the heater core.

77. Installation is the reversal of the removal process.

78. To exchange a loose or damaged cowl top clip with a new clip, remove the metal insert and then carefully release the clip from the cowl. Do not pry on the clip or damage to the cowl sheet metal may occur.

➔To install a new fastener, remove the metal insert from the cowl top clip and exchange it with the new fastener. If any portion of the cowl top clip falls into the cowl, use Clear Silicone Rubber D6AZ-19562-AA or equivalent meeting Ford specification ESB-M4G92-A to prevent the broken portion from rattling within the cowl.

➔Two technicians are required to carry out this step.

79. Position the instrument panel. Connect the EATC hose to the heater plenum.

80. Install the instrument panel cowl top screws.

81. Install the instrument panel defroster opening grille assembly.

82. Connect the electrical connectors (one each side).

83. Install the instrument panel defroster opening grille assembly.

84. Install the driver's side instrument panel support to cowl side bolts.

85. Tighten the driver's side instrument panel support to cowl side captive bolt.

86. Install the passenger side instrument panel support to cowl side nut.

87. Install the ignition/shifter interlock cable into the bracket and the shifter interlock cam.

88. Connect the antenna in-line connector.

89. Install the passenger side cowl trim panel.

90. Install the passenger side scuff plate.

91. Connect the in-line electrical harness connector.

92. Connect the vacuum harness connector.

93. Position the passenger side instrument panel insulator. Install the pin-type retainers. Install the courtesy lamp.

94. Position the instrument panel dash brace.

95. Install the instrument panel dash brace to instrument panel bolt.

96. Install the steering column mounting support to instrument panel cowl brace bolts.

97. Tighten the instrument panel dash brace nut.

98. Installation from this point is the reversal of the removal process.

Mark VII

➔If your vehicle is equipped with air conditioning, refer to Section 1 for information regarding the implications of servicing your A/C system yourself. Only an MVAC-trained, EPA-certified, automotive technician should service the A/C system or its components.

1. Reclaim the refrigerant.
2. Drain the cooling system.

➔The next set of instructions applies for removing the center console, where necessary.

3. Remove the console top panel. Disconnect the electrical connector.

4. Place the gearshift lever in the 1 position.

5. Remove the floor console to floor bracket screws.

6. Remove the floor console to gearshift bracket screws.

7. Slide the floor console rearward. Remove the floor console. Disconnect the electrical connectors.

8. Remove the lower instrument panel trim cover.

9. Remove the steering column trim shrouds and disconnect all electrical connections from the steering column switches.

10. Disconnect the shift cable and bracket from the selector lever pivot.

- a. Remove the four screws at the steering column bracket to lower the steering column.

*** CAUTION

Do not remove the steering column, steering wheel and air bag module (if equipped) as an assembly from the vehicle. Unless the steering column is locked to prevent rotation; or the lower end of the steering shaft is wired to prevent the steering wheel from being rotated, damage to the air bag sliding contact will occur.

➔All steering column components are assembled with specific fasteners. They are designed with a thread locking system to prevent loosening due to vibrations associated with normal vehicle operation. Make sure vehicle front wheels are in the straight-ahead position

11. Remove the instrument panel and lay it on the front seat.

12. Remove the high and low pressure hoses and cap the openings to prevent dirt and moisture from entering.

13. Disconnect the liquid line and the accumulator/drier inlet tube from the evaporator core at the dash panel and cap the lines.

14. Remove the suction accumulator/drier and bracket. If necessary, remove the throttle cable

bracket and position it out of the way.

15. Disconnect the heater hoses from the heater core. Plug the hoses and cap the heater core tubes to prevent coolant loss during removal of the evaporator case.

16. Disconnect the vacuum supply hose (black) from the inline vacuum check valve in the engine compartment.

17. Working under the hood, remove the three nuts retaining the evaporator case to the dash panel.

18. In the passenger compartment, remove the screw attaching the evaporator case support bracket to the cowl top panel.

19. Remove one nut retaining the bracket below the evaporator case to the dash panel.

20. Carefully pull the evaporator case away from the dash panel and remove assembly from vehicle.

21. Remove the screws and pull air inlet duct away from evaporator case.

22. Remove the heater core from the case.

To install:

23. Install a new heater core into the case.

24. Run a bead of caulk/sealer between evaporator case and service cover.

25. Install the service cover and retaining screws onto the evaporator case.

26. Position air inlet duct on case and install the screws.

27. Install evaporator case into dash panel, reverse of the removal procedures.

a. Make sure that the drain hose is not kinked.

b. Always use new O-rings coated with clean refrigerant oil.

c. When connecting the refrigerant lines, make ALL connections loosely BEFORE tightening any of them.

d. Make sure that the core seal fits over the case lower half edge.

e. Always use new sealer between the case halves.

f. When everything is back together, turn on the blower and check for air leaks around the case.

Mark VIII

➔If your vehicle is equipped with air conditioning, refer to Section 1 for information regarding the implications of servicing your A/C system yourself. Only an MVAC-trained, EPA-certified, automotive technician should service the A/C system or its components.

1. Reclaim the refrigerant.
2. Drain the cooling system.
3. Place the gearshift lever in the 1 position.

➔The next set of instructions applies for removing the center console, where necessary.

4. Remove the console top panel. Disconnect the electrical connector.

5. Remove the floor console to floor bracket screws.

6. Remove the floor console to gearshift bracket screws.

7. Slide the floor console rearward. Remove the floor console. Disconnect the electrical connectors

8. Remove the lower instrument panel trim cover.