

10-8 BODY AND TRIM

upward to unsnap the six clips and disconnect the wiring.

3. Open the glove compartment door and unsnap the glove box damper wire.

4. Press the sides inward and lower the glove compartment assembly toward the floor.

5. Through the glove box opening, remove the automatic temperature sensor hose from the blower assembly, and disconnect the electronic automatic temperature control vacuum lines.

6. Remove the five pushpins from the RH and LH lower instrument panel insulators. Remove the instrument panel insulators.

7. For traction assist equipped vehicles, disconnect the traction assist switch connector.

8. Remove the three screws retaining lower instrument panel steering column cover and remove the cover.

9. Remove the five screws retaining the lower instrument panel steering column reinforcement. Remove the reinforcement.

10. Remove the steering column.

*** CAUTION

Do not remove the steering column, steering wheel, and air bag module as an assembly from the vehicle. Unless the steering column is locked to prevent rotation, or the lower end of steering shaft is wired in such a way to prevent the steering wheel from being rotated; as this will damage the air bag sliding contact.

11. Make sure that the vehicle front wheels are in the straight ahead position.

12. Remove the steering wheel.

13. Remove the instrument panel lower trim cover.

14. Remove the air bag sliding contact.

15. Remove the tilt wheel handle and shank by unscrewing it from the column and removing the four screws.

16. Rotate the ignition switch lock cylinder to the **RUN** position. Using a 1/8 inch drift, press the lock cylinder retaining pin through the access hole and remove the ignition switch lock cylinder.

17. Remove the four upper and lower steering column shroud retaining screws. Remove the upper and lower steering column shrouds.

18. Remove the two screws retaining brake release lever.

19. Remove the two screws retaining the hood release lever.

20. Remove the screw and the steering column opening which retains the instrument panel to the instrument panel dash brace.

21. Disconnect the LH main wiring and RH main wiring bulkhead connectors from the main wiring harness.

22. Remove the three screws retaining the instrument panel to the cowl top.

23. Remove the two screws retaining the steering column mounting support to the instrument panel cowl brace.

24. On the LH cowl side, remove the two bolts retaining the instrument panel and loosen the captive bolt.

25. On the RH side, remove the nut and washer retaining instrument panel.

26. With the help of an assistant, remove the instrument panel from the vehicle.

To install:

27. With an assistant, place the instrument panel into the vehicle.

28. Install the three screws retaining instrument panel to the cowl top. Tighten to 18–26 in. lbs. (2–3 Nm)

Do not overtighten nut. Damage to the instrument panel may result.

29. On the RH cowl side, install the nut and washer retaining instrument panel to the body. Tighten to 89–123 ft. lbs. (10–14 Nm)

30. On the LH cowl side, install the two bolts retaining the instrument panel to the body. Tighten the two retaining bolts and one captive bolt (to the right) to 13–16 ft. lb. (17–23 Nm).

31. Install the two screws retaining the steering column mounting support to the instrument panel cowl brace. Tighten the screws to 13–16 ft. lb. (17–23 Nm).

32. Connect the LH main wiring and RH main wiring bulkhead connectors to main wiring harness. Tighten the connector screws to 36–53 in. lbs. (4–6 Nm).

33. Install the screw at the steering column opening which retains the instrument panel to the instrument panel dash brace. Tighten the screws to 54–70 in. lbs. (6–8 Nm).

34. Install the hood and brake release levers.

35. Install the steering column.

36. Install the five screws retaining the instrument panel steering column opening cover reinforcement.

37. Install the three screws and instrument panel steering column cover.

38. On vehicles with traction control, connect the electrical connector for the traction control switch.

39. Install the RH and LH lower instrument panel insulator using pushpins.

40. Working through the glove compartment opening, connect the automatic temperature sensor hose (to the blower) and any other electrical connectors or vacuum lines connected to the A/C evaporator housing.

41. Re-install the glove compartment door damper. Press the sides of the glove compartment inward and close the glove compartment.

42. Install the defroster grille by connecting the two light sensors and snapping them into place.

43. Install or connect any other components removed or disconnected to remove the instrument panel.

44. Check all the instrument panel gauges and controls for proper operation. Check the air bag indicator operation.

Mark VII

Removal and installation of the instrument panel is best accomplished by two people.

*** WARNING

The electrical circuit necessary for air bag system deployment is powered directly from the battery and back-up power supply. To avoid accidental deployment and possible personal injury, the battery positive cable must be grounded for one minute after disconnecting it from the battery to de-energize the back-up power supply prior to

servicing or replacing any air bag system components.

1. Disconnect the positive battery cable.

Ground the positive battery cable for one minute to de-energize the air bag system back-up power supply.

2. Disconnect all the underhood electrical connectors of the main wiring harness. Disengage the rubber grommet from the dash panel. Remove the RH and LH sound insulator assemblies from under the instrument panel and remove the bulb and socket assemblies from each insulator.

3. Remove the four screws retaining steering column opening trim cover and remove the cover.

4. Remove the steering column opening lower steel reinforcement.

5. Remove the four trim screws and remove the steering column shrouds.

6. Disconnect all the electrical connections from the steering column switches.

7. Remove the four nuts retaining the steering column to the support. Lower the steering column to rest on the seat cushion.

8. Remove the defroster opening grille panel.

The grille has one retaining tab holding it in position.

9. Remove the screws retaining floor console to the instrument panel and floor. Move the console rearward. Remove the two screws retaining the instrument panel to the floor. Remove the three screws retaining the instrument panel to the cowls. Remove the bolt attaching the instrument panel to the parking brake support plate.

10. Disconnect the main harness behind the instrument panel and on the RH side of the steering column support, at the blower motor, and at the RH and LH cowl panels.

11. Disconnect the radio antenna lead from the radio.

12. Disconnect any vacuum hoses attached to the instrument panel.

13. Remove the RH and LH A-pillar garnish moldings.

14. Remove the three screws retaining the instrument panel to the dash panel and pull/push the wiring harness and connectors into the passenger compartment.

15. If the instrument panel is being replaced, transfer as the necessary components, including the wiring and retaining hardware to the new instrument panel.

To install:

16. Installation is the reversal of the removal procedure.

17. Connect the negative battery cable.

18. After installing the instrument panel defroster-opening grille, check all the components to ensure proper operation.

Mark VIII

Removal and installation of the instrument panel is best accomplished by two people.

*** WARNING

The electrical circuit necessary for air bag system deployment is powered directly from the battery and back-up power supply. To avoid accidental deployment and possible