

Fig. 55 . . . and these two on the left side of the cluster

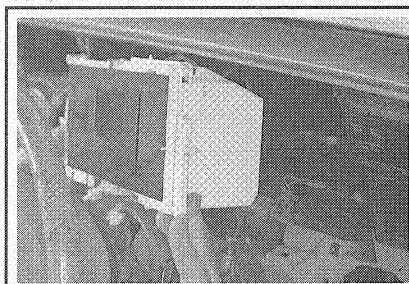


Fig. 56 Pull the cluster forward and release the PRNDL display, unplug the connections from the rear of the cluster and remove the cluster

To install:

19. Installation is the reversal of the removal procedure.
20. Connect the negative battery cable.

➔**The fuel computer internal fuel economy values will be re-initialized after the battery has been disconnected. There may be a noticeable change in AVE ECON (average economy) and DTE (distance to empty) calculations from this. Accuracy will improve gradually as the new fuel economy history is developed. This may take about 525 miles.**

Continental 1995-00

1. Disconnect the negative battery cable.
2. Turn the ignition switch to **RUN** and move the transmission range selector lever to low position. Turn the ignition OFF.

LIGHTING

Headlights

All 1988-89 Town Cars are equipped with sealed-beam halogen headlights. All 1990-99 vehicles are equipped with aerodynamically styled headlight bodies using replaceable halogen bulbs.

***** CAUTION**

The halogen headlight bulb contains gas under pressure. The bulb may shatter if the glass envelope is scratched or the bulb is

3. Remove the radio front control unit using the special radio tools.
4. Remove the two lower screws, then unsnap, and remove the instrument panel lower cover.
5. Unsnap and remove the driver's side and passenger side instrument panel center wood grain trim moulding.
6. Remove the plush pins, disconnect the courtesy lamp socket and remove the instrument panel insulator.
7. Remove the three screws, then unsnap, and remove the instrument panel steering column cover.
8. Remove the five screws and remove the instrument panel brace.
9. Loosen the steering column retaining nuts and lower the steering column.
10. Protect the upper bowl of the steering column trim with cloth or tape to avoid scratches during the instrument cluster removal.
11. Remove the five screws retaining the instrument panel finish panel, then remove the instrument panel finish panel.
12. Remove the six screws retaining the instrument cluster to the instrument panel.
13. Pull the driver's side side of the instrument cluster forward and disconnect the two electrical connectors at the rear of the instrument cluster.
14. On column shift models, disconnect the transmission range indicator assembly. Remove the instrument cluster.

To install:

15. Installation is the reversal of the removal procedure.

Mark VII

1. Disconnect the negative battery cable.
2. Remove the instrument cluster finish panel, disconnecting the warning lamp module connectors.
3. Remove the instrument panel binnacle moulding.
4. Remove the five screws holding the mask to the back plate mounting. Do not remove the two top screws fastening the lens to the mask. Remove the lens and mask as an assembly.
5. Lift the main assembly from the backplate. The speedometer is permanently mounted to the main dial and the other gauges are mounted to the dial. Some effort may be required to pull quick connect terminals from the clips.

To install:

6. Install the quick connect terminals to the clips and position the main dial assembly onto the backplate. Ensure that the foam gasket under the

indicator lamp baffle is correctly positioned in the backplate.

7. Install the lens and mask assembly and tighten the five mask to backplate mounting screws.
8. Install the instrument panel binnacle moulding.
9. Install the warning lamp module connectors and instrument cluster finish panel.
10. Connect the negative battery cable.

Mark VIII

➔**There is no speedometer cable required for this instrument cluster.**

1. Disconnect the negative battery cable.
2. Remove the instrument panel finish panel.
3. Remove the four cluster to panel retaining screws. Do not remove the screws securing the instrument cluster main lens and the instrument cluster mask to the instrument cluster back plate.
4. Rotate the instrument cluster face down and disconnect the instrument cluster connector.
5. Slide the instrument cluster to the right of the instrument panel opening and unhook on the back of the instrument cluster.
6. Remove the instrument cluster from the instrument panel.

To install:

7. Installation is the reversal of the removal process.

Gauges

REMOVAL & INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the instrument cluster.
3. Remove the retaining screws for the instrument cluster lens and cover assembly. Remove the cover and lens.
4. Remove the retaining screws for the gauge or warning lamp to be replaced and remove the gauge or warning lamp.

To install:

5. Place the gauge or warning lamp into place and tighten the retaining screws.
6. Install the instrument cluster lens and cover assembly.
7. Install the instrument cluster.
8. Connect the negative battery cable.

dropped. Handle the bulb carefully. Grasp the bulb only by its plastic base. Avoid touching the glass envelope. Keep the bulb out of the reach of children.

REMOVAL & INSTALLATION

1988-89 Town Car

1. Open the hood and from inside the engine compartment remove the three retainers attaching the headlight assembly to the grille opening panel.

2. Remove the headlight door mounting screws and remove the headlight door.
3. Remove the 4 retainer ring screws and remove the retainer ring from the headlight.
4. Pull the headlight bulb forward and detach the wiring connector.

To install:

5. Attach the wiring connector to the headlight bulb and place the bulb in position, locating the bulb glass tabs in the positioning slots.
6. Attach the bulb retainer ring to the assembly with the retainer ring screws.