

Loosen air conditioning or heater knob(s) and remove from slide control. Remove air conditioner or heater control mounting screws and move control out of way.

(4) Remove four cluster retaining screws from underside of crash pad and three retaining screws from lower front face of cluster.

(5) Pull cluster out far enough to reach around behind and disconnect right printed circuit board multiple connector, ammeter wires, vacuum gauge hose or tachometer wire and emergency flasher switch connector.

(6) Depress headlight switch knob release button on bottom side of switch and pull knob and shaft out of switch. Using Tool C-3824, remove switch bezel and allow switch to remain connected to wire harness.

(7) Pull windshield wiper knob from shaft. Remove wiper switch bezel nut with Tool C-3824 and allow switch to remain connected to wire harness.

(8) Roll cluster out from panel opening, face down and to the right.

Installation

(1) Work cluster in to place from right of steering column face down in front of panel opening. Reaching around behind, connect ammeter wires, right printed circuit board connector, wiper, emergency warning switch connectors and vacuum gauge hose or tachometer wire, if so equipped.

(2) While holding headlight switch in position, install switch bezel and tighten with Tool C-3824. Insert knob and shaft in headlight switch until shaft engages with a distinct "click".

(3) Reaching up under panel, guide wiper switch into position and install bezel nut with Tool C-3824. Slip knob on shaft.

(4) Roll cluster up into panel opening and install four screws in underside of crash pad and three screws in front lower face of cluster.

(5) Reaching up under panel, connect left printed circuit board multiple connector and speedometer cable.

(6) Install radio mounting nuts and control knobs.

(7) Position air conditioning or heater controls and tighten mounting screws. Install slide control knobs.

(8) Remove tape from top of steering column, connect battery ground cable and test operation of gauges and switches.

INSTRUMENTS

Oil, Temperature or Fuel Gauge Replacement

To service any of the gauges or printed circuit

boards, it is necessary to remove the instrument cluster from the vehicle. See "Instrument Cluster Removal and Installation".

(1) After cluster removal, lightly depress odometer reset knob and turn counterclockwise to remove. A knife blade or thin screwdriver blade held against stem will aid in removal.

(2) Place cluster face down on a padded work bench and remove nine housing to bezel retaining screws (Fig. 1). Lift housing off of bezel.

(3) Remove the two nuts (three on alternator gauge) from the studs of the particular gauge being serviced on the back of the printed circuit board and lift gauge out of housing.

(4) Position new or repaired gauge in housing and install stud mounting nuts on back of printed circuit board. **Do not overtighten.**

(5) Carefully mate housing to bezel and install nine retaining screws and odometer reset knob.

Tachometer or Vacuum Gauge Replacement

Remove the three retaining screws from back of unit and carefully work gauge out through back of cluster housing. Insert new or repaired gauge through back of housing and install three retaining screws.

Speedometer Replacement

(1) After cluster has been removed from vehicle, lightly depress odometer reset knob and turn counterclockwise to remove. Holding a knife or thin screwdriver blade against the stem will aid in knob removal.

(2) Remove nine housing to bezel retaining screws (Fig. 1) and separate the two.

(3) Remove two speedometer retaining screws from back of housing and withdraw speedometer head from front of housing. Do not lose two rubber washers.

(4) Carefully insert new or repaired speedometer head in front of housing. Place two rubber washers on retaining screw shanks and install screws in rear of housing.

(5) Position housing on cluster bezel and secure with nine retaining screws. Install odometer reset knob. Cluster is now ready for installation in the vehicle.

PRINTED CIRCUIT BOARDS

Replacement

The cluster must be removed from the panel to service either printed circuit board. With the cluster on the work bench, separate the cluster housing from the bezel. To replace the right printed circuit board, remove all instruments as outlined under "Oil, Temperature and Fuel Gauge Replacement".