

Switches, Gauges & Speedometer 4-133

1974 OLDSMOBILE

CAUTION — Before servicing any instrument panel component, turn ignition switch to "LOCK", and disconnect battery ground. If equipped with Air Cushion Restraint System, tape disconnected battery terminal to avoid accidental release of system.

CLUTCH START SWITCH

Manual Transmission cars have an additional clutch pedal starting switch and clutch pedal must be depressed when starting engine.

STOP LIGHT SWITCH

Located on brake pedal bracket. To adjust, proceed as follows: With brake pedal height correctly set, insert switch into tubular clip until switch body is seated on tube clip. Pull brake pedal to rear until it contacts brake pedal stop. This action will move switch in tubular clip for proper adjustment. Make sure that stop lights are off when brake pedal is in fully released position.

88, 98 & TORONADO

INSTRUMENT PANEL PAD

Remove panel lights, pry speakers from clips and disconnect wires. Remove pad screws from speaker cavities. Remove pad screws from lower left side, in glove box and above speedometer. Grasp front center edge of pad and pull to release from clips at windshield edge.

INSTRUMENT PANEL COVERS

Remove right hand cover before left hand cover. Remove cover end screws and pull cover from lower trim panel. Cover is retained by studs pushed through clips in trim panel.

LOWER TRIM PANEL

Remove panel covers. With air conditioning, disconnect lower outlet duct. Remove cigar lighter by pulling case out. Remove center vent if equipped and disconnect parking brake cable. Remove trim panel screws, lower panel, disconnect wires and remove trim panel.

HEATER OR AIR CONDITIONING CONTROL

With heater only, disconnect defroster and temperature cables at heater. With air conditioning, remove lower trim panel and fastener attaching temperature cable to control. Remove headlight switch knob from shaft by releasing knob retainer. Remove applique from clips by prying under lower edge. Remove control assembly screws and disconnect hose and electrical connections. To install, reverse removal procedure. If necessary to adjust temperature control cable, adjust so knob has $\frac{1}{8}$ " spring back from right side.

HEADLIGHT SWITCH

Remove heater or air conditioning controls. Remove headlight switch escutcheon using suitable tool (BT-6817-3). Pull switch through opening in panel to disconnect wiring. To install, reverse removal procedure.

WINDSHIELD WIPER/WASHER SWITCH

Remove headlight switch. Remove wiper switch knob and fasteners. Pull switch through panel to disconnect wiring. To install, reverse removal procedure and reconnect ground wire.

UPPER TRIM PANEL

Remove panel pad and right hand panel cover. Remove glove box door and disconnect right hand air duct if equipped. Disconnect wiring from clock, truck release and glove box light. Remove trim panel screws and panel. To install, reverse removal procedure.

INSTRUMENT CLUSTER

Remove upper trim panel and panel covers. Disconnect upper left hand air duct. Disconnect temperature and defroster cables at heater. Remove nut from rear of radio support brace. Remove cluster screws and pull out to disconnect speedometer cable. Disconnect electrical connectors necessary to remove cluster. Disconnect vacuum hoses from temperature control units. Disconnect antenna lead-in, convector, and speaker connectors from radio. Carefully pull fiber optic element from lens. Disconnect harness fasteners and remove cluster from panel. To install, reverse removal procedures.

SPEEDOMETER

Remove cluster lens screws and pull lens out at top and lift from bottom edge tabs. Remove screws and bezel from cluster. Carefully lift face plate over shift indicator needle. Remove speedometer face screws, disconnect cable and remove speedometer. To install, reverse removal procedure.

CUTLASS & OMEGA

CUTLASS LEFT HAND CONTROL PANEL

Remove steering column trim cover. Disconnect air conditioning outlet duct if equipped. Disconnect parking brake cable. Remove control panel screws and pull panel out to disconnect wiring. To install, reverse removal procedure.

WASHER/WIPER SWITCH

Cutlass — Remove left control panel. Remove wiper switch multiple connector and pull knob from switch. Remove switch screws and switch. To install, reverse removal procedure.

Omega — Pull wire connector from rear of switch, remove screws and switch from rear of panel. To install, reverse removal procedure.

HEADLIGHT SWITCH

Remove left control panel and steering column trim cover (Cutlass only). Pull switch to "ON" position, depress switch shaft retainer and remove knob with shaft from switch. Remove escutcheon from switch and disconnect wire connector. To install, reverse removal procedure.

INSTRUMENT CLUSTER

NOTE — See *General Motors in STEERING Section for column removal & installation procedure.*

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Cutlass — Remove speedometer cluster, fuel gauge and telltale cluster assemblies as follows: With column shift automatic transmission, remove lower trim cover below steering column and disconnect shift indicator clip on shift bowl. Disconnect speedometer cable. Lower steering column. Remove speedometer screws and pull speedometer out so shift indicator needle is not damaged; then disconnect wire connectors. To install, reverse removal procedure.

Omega — With column shift automatic transmission, remove shift indicator needle from shift bowl. Lower steering column. Remove heater control panel screws. Remove radio knobs, bezel nuts and front support at lower edge of instrument cluster. Remove screws at top, bottom and side of cluster. Tilt cluster and reach behind to disconnect speedometer cable, speedometer, electrical connectors and remove cluster. To install, reverse removal procedure.