

3-56 Switches, Gauges & Instrument Panels

COLT (Cont.)

SPEEDOMETER & GAUGES

Speedometer and all gauges may be removed after first removing instrument cluster.

HAZARD WARNING & TURN SIGNAL FLASHER

Located at lower center of instrument panel. A separate flasher is used for hazard warning and turn signals.

STOP LIGHT SWITCH

Mechanical type, mounted on brace above brake pedal. Switch also serves as a brake pedal free travel adjustment screw.

NEUTRAL SAFETY SWITCH

Switch is located under console box on cars with automatic transmission. Provides for starting with selector lever in "Park" or "N" position only, and completes backup light circuit in "R" position. If removal required, console box must be removed first with selector lever in "L" position. Disconnect control rod and remove selector lever assembly from car. Disconnect handle from lever, loosen indicator panel screw, then draw out panel, slider, and light holder. Remove switch and check for starter circuit continuity in park and neutral positions, backup light circuit continuity in reverse position only. Assure that switch and selector positions line up when in "N" position during reinstallation.

COURIER

INSTRUMENT CLUSTER

Disconnect battery ground cable. Remove four screws securing cluster to instrument panel. Pull cluster out sufficiently to gain access and disconnect speedometer cable and wiring. Remove cluster from vehicle.

SPEEDOMETER & GAUGES

Speedometer and all gauges may be removed after first removing instrument cluster.

HAZARD WARNING & TURN SIGNAL FLASHER

Combination flasher is located to the left of the steering column beneath instrument panel. Unit is secured by clamp with a single screw and connected by a multiple connector type plug.

STOP LIGHT SWITCH

Mechanical type mounted on bracket at top of brake pedal.

DATSUN

INSTRUMENT CLUSTER

200SX — 1) Disconnect battery ground cable. Remove steering wheel and shell cover. Remove all knobs and nuts.

2) Remove upper and lower screws from instrument cluster. Pull cluster forward and disconnect wiring connectors, speedometer cable and remove rear window defogger switch. Remove instrument cluster.

B210 — 1) Disconnect battery ground cable and remove shell covers. **NOTE** — To facilitate removal of cluster, remove steering wheel and turn signal switch. Pull out ashtray and remove ashtray cover. Remove switch knobs and retaining rings.

2) Remove radio knobs and retaining knobs, if equipped. Remove nine screws securing cluster cover to dash (four on upper side, three under cover, one at ash tray outer case and one in glove box). Pull cluster cover out slightly and disconnect wiring. Remove cluster cover.

3) Remove four instrument cluster retaining screws and pull cluster out slightly. Disconnect wiring and speedometer cable. Remove instrument cluster assembly.

F-10 — Disconnect battery ground cable, then remove knobs and nuts from switches and radio controls. Remove ash tray, cover and meter retaining screws. Disconnect speedometer cable and electrical connections. Cluster may be removed by pulling out toward steering wheel.

510 — 1) Disconnect battery ground cable, remove steering column covers and disconnect hazard warning switch connector. Pull out ash tray and heater control knobs. Remove wiper control switch. Remove heater trim panel by inserting screwdriver in fan lever slot, then pulling panel out. Remove radio knobs, nuts and washers.

2) Remove choke and defroster control knobs. Remove small rectangular trim finisher at right center of cluster lid. Remove 9 screws securing left half of cluster lid, then disconnect the following wire harness connectors: Center lighting, cigarette lighter, rear defogger switch, clock, and turn signal switch.

3) Remove cluster lid, then remove retaining screws holding instrument cluster in place. Disconnect speedometer cable and remaining electrical connectors. Remove instrument cluster.

620 Pickup — Disconnect battery ground cable. Remove screws securing cluster to instrument panel and from under panel remove screw securing cluster to dash. Withdraw cluster slightly, then from behind cluster disconnect speedometer cable and wiring. Remove screws securing cluster cover to cluster and remove cluster assembly.

810 — 1) Disconnect battery ground cable. Remove knobs and nuts on radio switch and choke control wire. Remove ash tray.

2) Remove screws and shell covers from steering column. Disconnect main harness connectors, screws retaining cluster and remove instrument cluster.

DATSUN (Cont.)

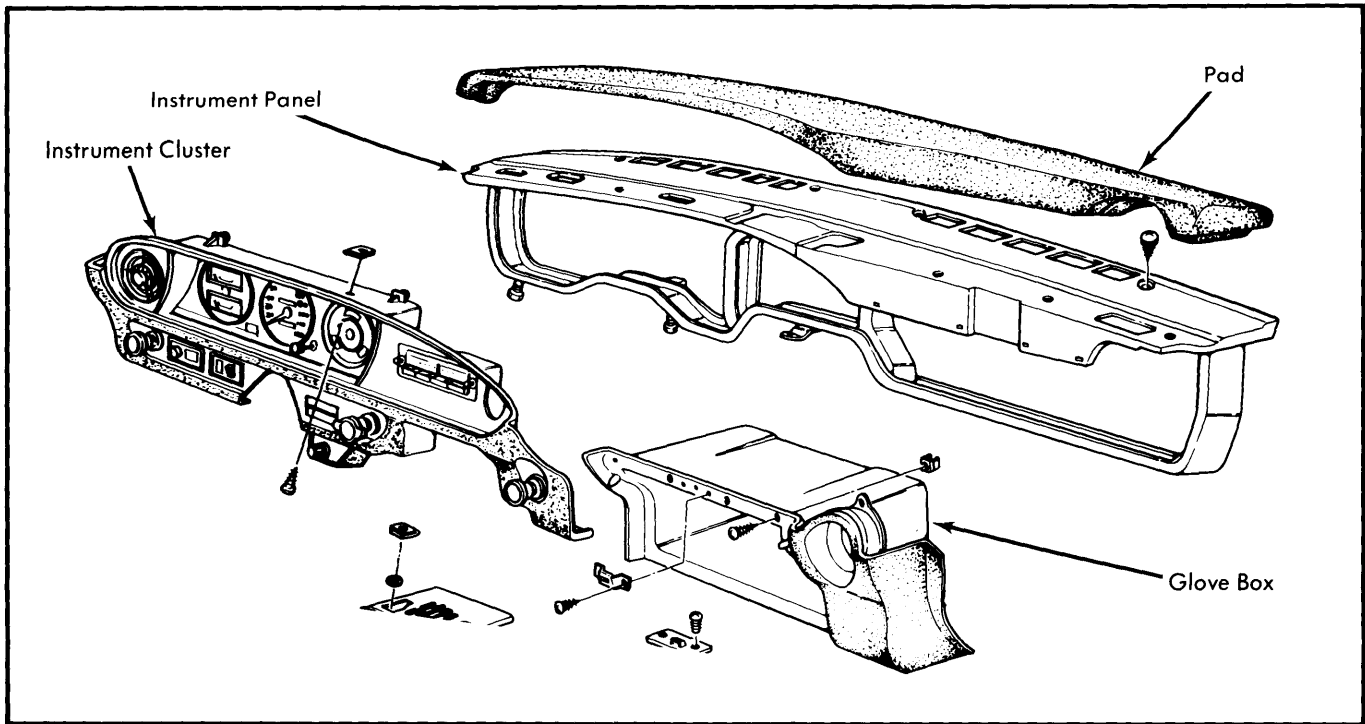


Fig. 5 Typical Datsun Instrument Cluster (Model 710 Shown)

280Z —Gauges are individually removable after removal of center trim panel and duct hoses from 3 way duct. Remove spring bracket retaining screw, pull gauge out backwards and disconnect each connector.

SPEEDOMETER & GAUGES

All Exc. 280Z Models — Speedometer and all gauges may be removed after removing instrument cluster.

280Z Models — Tachometer must be removed before speedometer can be removed. Take out 2 screws retaining tachometer at top and side. Pull tach out slightly, disconnect harness and remove tachometer. To remove speedometer, disconnect cable, wires and lights from back of speedometer. Working through tachometer mounting hole, loosen trip meter reset cable screw and remove cable. Take out 2 screws retaining speedometer to panel, pull speedometer out and remove instrument harness connector.

HAZARD WARNING & TURN SIGNAL FLASHER

All Models — Separate flasher units located under the instrument panel are used. Turn signal flashers are larger than hazard warning flashers and may be either clip or screw mounted. Units are further located as follows:

280Z — Under left side trim panel.

Pickup — Hazard flasher left of steering column, turn signal flasher to right of steering column under dash.

All Other Models — Beneath and behind instrument panel, near center.

STOP LIGHT SWITCH

Mechanical type stop light switch mounted on bracket at top of brake pedal lever. Must be adjusted so that plunger extends and closes circuit when brake pedal is depressed.

FIAT

INSTRUMENT CLUSTER

Disconnect battery. Remove five screws holding cluster to panel, slide cluster forward and disconnect electrical connectors and speedometer cable. Remove instrument cluster.

SPEEDOMETER & GAUGES

Speedometer and all gauges may be removed after removing instrument cluster.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket.