

DATSUN

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

200SX — Remove steering wheel and column covers. Remove all knobs and nuts. 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.

210 & 310 — Remove steering wheel and column covers. On 310, remove instrument lower cover on left side. On all models, remove knobs and nuts from switches and radio controls. Remove ashtray, cover and meter retaining screws. Remove cluster cover retaining screws; pull cover out slightly and disconnect electrical connections. Remove cluster cover. Remove instrument cluster retaining screws. Pull cluster out slightly and remove speedometer cable and electrical connections. Remove instrument cluster assembly.

510 — 1) 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. Remove defroster control knobs and small rectangular trim finisher at right center of cluster lid.

2) Remove 9 screws securing left half of cluster lid, then disconnect following wiring harness connectors: Center lighting, cigarette lighter, rear defogger switch, clock and turn signal switch. Remove cluster lid, then remove retaining screws holding instrument cluster in place. Disconnect speedometer cable and remaining electrical connectors. Remove instrument cluster.

810 — Remove knobs and nuts on radio switch. Remove ash tray. Remove screws and shell covers from steering column. Disconnect main harness connectors, cluster retaining screws and remove instrument cluster.

280ZX — Remove steering wheel, column covers and dimmer/wiper combination switch. Remove instrument lower cover on left side. Disconnect speedometer cable at intermediate connection. Remove cluster retaining screws and pull cluster out sufficiently to disconnect all electrical connections. Remove instrument cluster.

Pickups — 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.

SPEEDOMETER & GAUGES

280ZX — Speedometer and tachometer may be removed after removing instrument cluster. To remove gauges, remove glove box door, disconnect electrical connections and remove retaining screws. Carefully pull gauge assembly toward glove box while pushing out toward front of car. Do not damage printed circuit board or clock knob.

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

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:

- **210** — Hazard flasher at left kick panel, turn signal flasher at right kick panel.
- **280ZX** — Under left side trim panel.
- **All Other Models** — Beneath and behind instrument panel, near center.

FIAT

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

Disconnect battery. Remove 5 screws holding cluster to panel. Slide cluster forward and disconnect electrical connections and speedometer cable. Remove instrument cluster.

SPEEDOMETER & GAUGES

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

FIESTA

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

1) Disconnect battery. Snap off upper steering column shroud, then remove screws below dashboard storage space and drop

lower panel (where applicable). Reach behind cluster and snap off speedometer cable locking catch with thumb, then pull cable off speedometer.

2) Pull instrument bezel off with fingers. Remove 4 screws from front of cluster and pull assembly out. Disconnect multiplug connectors and remove cluster.

FIESTA (Cont.)

SPEEDOMETER & GAUGES

Speedometer, tachometer (if equipped), and gauges may be removed after first removing instrument cluster.

HAZARD WARNING & TURN SIGNAL FLASHER

Single flasher unit is mounted on relay bracket under dash panel to left of steering column.

HONDA

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

Accord — Remove steering column lower cover and steering column. Detach speedometer cable from speedometer by reaching under panel. Remove 2 screws from under cluster. Disconnect wiring harness connections from rear of cluster and remove cluster assembly.

Civic — Remove steering column covers and steering column. Remove bulb access panel and 2 upper cluster mounting screws after removing access panel. Remove lower cluster mounting bolt and screw. Disconnect speedometer cable, tachometer (if equipped) and all electrical connections from back of cluster. Remove instrument cluster.

Prelude — Remove steering wheel and coin box. Remove 3 screws from panel cover. Disconnect warning light connector. Remove panel cover, steering column covers and headlight dimmer/washer combination switch. Remove mounting bolts and disconnect speedometer cable and electrical connections. Remove instrument cluster.

SPEEDOMETER, TACHOMETER & GAUGES

Speedometer, tachometer (if equipped) and all other gauges may be removed after first removing instrument cluster.

HAZARD WARNING & TURN SIGNAL FLASHER

Individual flasher units are mounted on relay bracket under dash panel to left of steering column.

JAGUAR

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

NOTE — Instruments are removed individually from instrument cluster.

SPEEDOMETER & TACHOMETER

Speedometer and tachometer may be removed by pressing on rim and turning counterclockwise until free of locking tabs in panel. Disconnect speedometer cable and electrical connections, then remove from panel.

HAZARD WARNING & TURN SIGNAL FLASHERS

Individual flasher units are mounted on relay bracket under center of dash panel.

LUV

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

Disconnect speedometer cable from speedometer. Remove wing nuts on rear side of instrument cluster, pull cluster out to gain access to electrical harnesses. Disconnect electrical harnesses and remove instrument cluster.

SPEEDOMETER & GAUGES

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

HAZARD WARNING & TURN SIGNAL FLASHER

Individual flasher units are mounted on relay bracket under center of dash panel.

MAZDA

CAUTION — Disconnect battery ground cable prior to removal of instrument cluster.

INSTRUMENT CLUSTER

RX-7 & 626 — Remove steering wheel, column cover and instrument cluster cover. Remove light control switches (if necessary). Remove cluster attaching screws, then tip cluster to disconnect speedometer cable and multiple connectors. Remove instrument cluster.

GLC & Pickup — Remove screws holding meter hood to panel and remove hood. Remove center panel and crash pad. Disconnect speedometer cable, remove mounting screws and tip out instrument cluster. Remove multiple connector plugs from rear of unit and remove cluster.

SPEEDOMETER & GAUGES

Speedometer and all gauges can be removed when cluster is removed.