

DATSUN (Cont.)

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.

710 — 1) Disconnect battery and remove steering column shrouds. **NOTE** — To facilitate removal of cluster, remove steering wheel and turn signal switch. Remove wiper switch and light control switch knob and retaining rings, two retaining screws and remove lower center cover.

2) Remove ashtray and disconnect wiring to cluster. Remove ten screws from cluster cover (five on upper edge, three below cover, one on ashtray cover and one under lower center cover). Disconnect speedometer cable and fibre optics and remove cluster cover. Remove odometer knob and six screws securing cluster. Remove instrument cluster.

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.

280Z — 1) Disconnect battery. Remove steering wheel and screws securing garnish to panel. Remove garnish. Remove screws securing upper instrument to cowl top panel, finisher to

instrument and detach finisher. Remove floor console, air control screws, floor tunnel screws, side ventilator control bracket screws and screws from each side of lower instrument panel.

2) Disconnect speedometer cable and instrument harness as follows:

- Junction Block
- Combination Switch
- Ignition Switch
- Stop Light Switch
- Flasher Units
- Door Switch

To install, reverse removal procedure.

SPEEDOMETER & GAUGES

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

280Z Models — Speedometer, tachometer and all gauges are removed individually from instrument panel. All units are secured at back with wing nuts. To remove center gauges, first remove center console trim.

IGNITION SWITCH

All Models — Remove steering column shrouds and disconnect wiring. Remove switch retainer screw at bottom of lock and remove switch. To remove lock assembly, drill out shear bolts and remove assembly.

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.

IGNITION SWITCH

Ignition switch is keyed and has four positions. Key can be removed with engine running. Key can also be fitted with an anti-theft device which locks the steering shaft.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket.

HONDA

INSTRUMENT CLUSTER

Disconnect battery ground cable and remove three cluster mounting wing nuts from rear of cluster. Disconnect speedometer and tachometer (if equipped) drive cables from engine. Pull cluster away from panel and disconnect wiring, speedometer and tachometer (if equipped) drive cables from cluster. Remove cluster.

SPEEDOMETER, TACHOMETER & GAUGES

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

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket. Switch also serves as brake pedal stop. Adjust switch to give .039-.196" (1-5 mm) freeplay at center of brake pedal.

JAGUAR

INSTRUMENT CLUSTER

Sedan Models — Disconnect battery. Remove two knurled screws and hinge down instrument cluster. Disconnect voltage stabilizer and wiring, remove four setscrews and remove cluster. Individual instruments may now be removed from cluster.

SPEEDOMETER & TACHOMETER

Speedometer and tachometer may be removed by disconnect wiring and speedometer drive cable and releasing securing clamps.

JAGUAR (Cont.)

HAZARD WARNING & TURN SIGNAL FLASHERS

Two separate flashers are used and are located under center of instrument panel.

IGNITION SWITCH

Disconnect battery and remove steering wheel. Remove switch cover and steering column covers. Remove dash casing and

disconnect switch wiring. Remove upper steering column. Withdraw retaining screw from switch body and remove switch unit. Remove shear bolt using a suitable tool. To install, reverse removal procedure and use new shear bolts.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket.

LANCIA

INSTRUMENT CLUSTER

Disconnect battery positive cable and speedometer drive cable from the gear box differential unit. Remove all knurled knobs and screws securing instrument cluster to the dashboard. Lower steering wheel and remove instrument cluster. To install, reverse removal procedure.

SPEEDOMETER & GAUGES

Remove ring nuts and extract trip distance recorder knob with cable and instrument light switch. Release the plastic retainers and remove the rim from the instrument cluster. Remove desired instrument. To install, reverse removal procedure.

IGNITION SWITCH

Remove lower steering column casing and loosen upper casing. Disconnect multiple connectors. Remove bolt securing ignition switch to anti-theft locking device, insert ignition key and turn to "GAR" position and remove key. Depress locking spring pin and remove ignition switch complete with cables. To install, reverse removal procedure.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket.

LUV

INSTRUMENT CLUSTER

To remove the instrument cluster, it is necessary to first detach and remove the speedometer cable and position it out of way. Now, remove the wing nuts from the rear of the instrument cluster, to free the cluster assembly, and pull cluster only part way out. Then, disconnect all necessary wiring. Remove instrument cluster assembly from panel.

SPEEDOMETER & GAUGES

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

STOP LIGHT SWITCH

Stop light switch is mechanical type mounted on brake pedal bracket and requires .079 to .110" free travel.

MAZDA

INSTRUMENT CLUSTER

All (Exc. P/U) – Disconnect battery. Remove steering wheel, steering column cover and combination cover. Remove choke assembly, radio knobs and attaching nuts; screws attaching center panel and remove center panel. Disconnect wiring connectors from combination meter and speedometer cable. Remove nuts holding instrument cluster and remove cluster. To install, reverse removal procedures.

SPEEDOMETER & GAUGES

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

IGNITION SWITCH

Remove steering wheel and steering column cover. Remove the combination switch and disconnect wiring connector. Remove screw attaching the contact housing to the steering lock body and remove ignition switch contact housing. To install, reverse removal procedure.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket and is used for pedal adjustment. Adjust for free pedal travel of .280 to .350" (7.0 to 9.0 mm)