

3-56 Switches, Gauges & Instrument Panels

TOYOTA

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

INSTRUMENT CLUSTER

NOTE — Removal procedures are similar for all models, however all steps may not apply to each model.

All Models — Loosen instrument cluster trim panel screws. Remove radio and heater control knobs (if required) and remove trim panel. Loosen steering column clamp bolts. Remove screws, bolts or nuts mounting cluster to instrument panel. Disconnect speedometer cable and all instrument wire harness connectors. Remove instrument cluster.

SPEEDOMETER & GAUGES

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

HAZARD WARNING & TURN SIGNAL FLASHER

All Models — Mounted near steering column behind instrument center panel.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket. Free travel should be .120 to .240" (3 to 6 mm).

All Models — Mechanical type mounted on brake pedal bracket.

TRIUMPH

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

INSTRUMENT CLUSTER

Spitfire — Disconnect battery and remove heater control knobs. Remove four screws and cup washers and lower cluster. Remove bulb holders, disconnect wiring and remove cluster.

TR7 — Remove radio speaker grill and top instrument panel trim pad. Remove steering column shrouds, loosen odometer reset knob and remove knob with cable. Loosen clock reset knob and remove with cable. Disconnect speedometer cable, remove retaining screws and pull out instrument cluster slightly. Disconnect all wiring and remove cluster.

TACHOMETER

Spitfire & TR7 — Tachometer may be removed after removing instrument cluster.

SPEEDOMETER

Spitfire — Disconnect battery. Lower center dash, remove tachometer and depress lever releasing catch from annular

groove in the boss. Detach speedometer cable, unscrew trip reset and remove two knurled nuts. Disconnect two connectors, bulb holders and remove speedometer.

TR7 — Speedometer may be removed after removing instrument cluster.

GAUGES

Spitfire & TR7 — All gauges may be removed after removing instrument cluster.

HAZARD WARNING & TURN SIGNAL FLASHER

Spitfire — Separate units are mounted under dash and held in position by spring clips.

TR7 — Separate turn signal and flasher units are mounted behind lower panel at rear of glove compartment. To gain access, open glove box and remove cover panel.

STOP LIGHT SWITCH

Mechanical type mounted on brake pedal bracket.

VOLKSWAGEN

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

INSTRUMENT CLUSTER

Type 1 — Remove 5 cluster retaining screws. Disconnect speedometer cable and wiring. Remove cluster.

NOTE — Cluster screws are covered by small strips on left and right and by a cap in center.

Type 2 — Remove heater/vent control knobs. Remove cluster securing screws and tilt cluster outward. Disconnect speedometer cable and wiring connections. Disconnect cluster spring clips and remove cluster.

Rabbit & Scirocco — Remove trim plate for fresh air control and remove radio or dash plate. Disconnect speedometer cable and wiring. Remove retaining screw on right side of cluster, switches, and bulb holders. Remove cluster.

Dasher — Remove radio (if equipped) or shelf. Remove fresh air control and fan knobs. Remove fresh air control trim panel. Remove 6 retaining screws. Disconnect and remove light switch, hazard switch and rear window defogger switch. Disconnect fresh air fan electrical connection. Remove cluster cover. Remove cluster screws, detach speedometer cable and electrical connections. Remove cluster.

SPEEDOMETER

All Models — Speedometer can be removed after removing instrument cluster and speedometer retaining screws.

HAZARD WARNING & TURN SIGNAL FLASHER

All Models — Flasher is a plug-in unit on fuse block.

STOP LIGHT SWITCH

Hydraulic type mounted on brake master cylinder.