

PORSCHE (Cont.)

TURN SIGNAL, DIMMER & FLASHER SWITCH

1963-65

To remove, first remove steering wheel. Disconnect all plug leads. Remove screws from horn contact ring and remove ring. Remove three 9 mm nuts and remove switch housing and cables from steering column. Remove three screws from side of switch housing and pull out switch and cables from inside. To install, reverse removal procedure.

1966-72

911 Models — 1) Disconnect battery. Remove horn ring and steering wheel. Remove upper and lower parts of switch housing from steering column outer tube.

2) Disconnect multi-pin plug and all other electrical leads. Detach indicator switch assembly (wiper-washer switch, if equipped) from steering outer tube and remove. To install, reverse removal procedure.

HAZARD WARNING SWITCH

1970-71

914/6 — Unscrew knob and shaft and remove from switch. Use suitable cross slot spanner wrench to remove escutcheon nut from switch and mounting panel. Disconnect battery, push switch away from panel and detach wiring. To install, reverse removal procedure.

NOTE — Indicator bulb in knob may be removed by extracting window from knob and shaft and then pushing bulb out of shaft with a steel wire.

INSTRUMENT CLUSTER

1963-67

Disconnect battery and speedometer drive cable. Remove instrument panel attaching screws. Pull cluster forward and disconnect wiring from inside glove box. Mark all wires for reassembly. Remove cluster.

1968-70

R-10 Models — Disconnect battery and speedometer drive cable. Remove instrument panel attaching screws. Pull cluster forward and disconnect wiring from inside glove compartment. Mark wires for reinstallation. Remove cluster.

R-16 Models — Remove trim rings and pull steering wheel. Remove combination lighting switch housing. Remove instrument panel molding. Disconnect all wiring and speedometer drive cable. Remove mounting bolts and withdraw instrument cluster.

1971-73

R-10 Models — Disconnect battery and speedometer. Remove screws attaching instrument panel. Pull cluster forward and disconnect wiring from inside glove compartment. Mark wiring for reassembly. Remove cluster.

R-12 Models — Disconnect battery and two junction blocks on cluster. Disconnect speedometer cable. Lift two retaining clips and pull cluster out, freeing mounting lugs from holders.

BACK-UP LIGHT SWITCH

1966-72

911 — Switch is located on transmission housing side. Switch is actuated through respective positioning of internal shift rod within transmission when reverse gear is engaged, moving a contact pin and switching on back-up light.

HEADLIGHT FLASHER

1966-72

911 — Headlight flasher control is part of a combination switch on steering column. A flasher relay is located under left floorboard.

HEADLIGHT SWITCH

1966-72

911 — Disconnect battery and unscrew knob from shaft. Remove escutcheon with cross slot spanner. Pull switch from panel toward rear and remove wiring. To install, reverse removal procedure.

RENAULT

R-15 & R-17 Models — Disconnect battery. Unscrew two knurled nuts on fuse block bracket and tilt bracket. Remove radio speaker grille, then unscrew four retaining clip screws (located in each corner of cluster). Insert a screwdriver between cluster and instrument panel to free inside clip located at bottom center of cluster. Pull out cluster and disconnect all wiring and speedometer cable.

SPEEDOMETER & GAUGES

1963-73

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

IGNITION SWITCH

1963-67

Disconnect battery and remove horn and lighting switch shroud. Disconnect wires and mark them for reassembly. Remove screw attaching the ignition switch to its support. Remove switch.

COMBINATION LIGHTING SWITCH

1968-70

Remove protective housing and glove box. Disconnect and mark wiring. Remove turn signal return spring. Unscrew lighting switch attaching screws and remove switch.