

BMW

INSTRUMENT CLUSTER

1963-73

4 Cylinder Models — Disconnect battery cable. Remove two screws from trim plate. Remove six screws and remove casing outer tube. Remove knurled nuts and speedometer cable. Push out instrument panel and remove wiring harness connectors.

Bavaria — Remove two lower retaining screws. Tilt housing outwards and remove electrical connectors. Disconnect speedometer cable. Remove housing.

3.0CS — Remove steering wheel. Remove heater control panel. *NOTE* — Do not separate cover panel and switch plate. Remove five retaining screws and disconnect speedometer cable. Press instrument panel upwards and remove by pulling outwards.

SPEEDOMETER & GAUGES

1963-73

4 & 6 Cylinder Models — Speedometer and all gauges may be removed after first removing instrument cluster.

INSTRUMENT CLUSTER

1970-72

Standard Trim — 1) Disconnect battery ground cable, remove two bolts attaching steering column to underside of instrument panel and lower column.

2) Remove five Phillips head screws attaching cluster and pad assembly to the instrument panel. Carefully pull cluster back to disconnect electrical leads and speedometer cable.

3) To install, reverse removal procedure noting the following: Ensure electrical leads are properly connected.

GT Trim — 1) Disconnect battery ground cable, remove heater control knobs and access cover to right of instrument panel.

2) Remove three screws and one nut retaining instrument cluster assembly; then remove fuse panel assembly.

3) Carefully pull cluster assembly back to disconnect electrical connections and speedometer cable. To install, reverse removal procedure and note that electrical leads are properly connected.

1973

1) Disconnect battery ground cable and remove lower steering column shroud. Release clip securing upper steering column shroud. Remove ashtray.

2) Remove hazard flasher switch and disconnect wiring. Remove turn signal switch and allow it to hang on wiring. Remove screws securing lower dash trim panel and pull trim panel forward and down. Disconnect wiring to clock and cigarette lighter and remove trim panel.

3) Pull off instrument panel light control knob. Remove lower screws securing instrument cluster, pull cluster downward and

IGNITION SWITCH

1963-73

4 Cylinder Models — Disconnect battery ground cable. Remove steering lower trim panel and lower center section of instrument panel trim. Turn ignition switch to "Halt." Position and remove screws from steering lock holder. Note wiring position and disconnect wiring. To install, reverse removal procedure.

STOP LIGHT SWITCH

1963-73

4 & 6 Cylinder Models — Mechanical type mounted on brake pedal bracket. Adjust switch so that amount of button contact is as specified:

Application	Plunger Length
4 Cylinder Models20-.24" (5-6 mm)
6 Cylinder Models24-.28" (6-7 mm)

CAPRI

disconnect seat belt warning light wiring and oil pressure line union. Remove screws securing cluster to panel and disconnect speedometer cable and wiring. Remove cluster.

SPEEDOMETER & GAUGES

1970-73

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

HAZARD WARNING & TURN SIGNAL FLASHER

1973

Disconnect battery ground cable and pull instrument cluster from panel to gain access to flasher. Remove flasher and wiring.

IGNITION SWITCH

1973

Remove instrument cluster and disconnect wiring from ignition switch. Ensure that switch is in "0" position and remove screws securing switch to lock and remove switch. Remove two halves of lock by tapping bolt heads lightly with center punch. If this fails, drill out shear bolts. To install, reverse removal procedure using new shear bolts.

STOP LIGHT SWITCH

1970-73

Mechanical type mounted on bracket at brake pedal lever.