

AUDI (Cont.)

2) Center punch shear screws that hold ignition switch clamp together and drill through screws with a number 31 (3 mm) drill.

3) Insert proper size screw extractor into drilled holes and remove shear screws and lower portion of switch clamp.

Remove switch and lock from steering column. To install, reverse removal procedure, using new shear screws.

STOP LIGHT SWITCH

Switch is hydraulically operated by brake fluid pressure and is attached to end of brake master cylinder.

BMW

INSTRUMENT CLUSTER

320i – Remove steering wheel. Detach lower center instrument panel trim and disconnect speedometer cable. Unscrew knurled nut at base of instrument cluster and pull out instrument cluster. Disconnect wiring at connector.

530i – Remove center, lower instrument panel trim and disconnect speedometer cable. Loosen knurled nut above steering column and upper steering column screws. Pull out cluster and disconnect all wiring.

630CSi – Disconnect negative (–) battery cable and remove steering wheel. Detach lower center instrument panel trim and remove mask from inquiry unit. Detach printed circuit board leaving wiring attached. Remove light and fog light switch, and disconnect wiring at back of switch. Remove left air control knob and cover. Loosen screws on instrument cluster, steering wheel control base and disconnect speedometer cable. Press down on instrument cluster upper section and steering column far enough to allow removal of instrument cluster at an angle.

SPEEDOMETER & GAUGES

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

IGNITION SWITCH

Disconnect battery ground cable. Remove lower steering column 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

Mechanical type mounted on brake pedal bracket. Adjust switch so that specified amount of contact button is visible.

Application	Plunger Length
320i, 530i & 630CSi20-.24" (5-6 mm)

CAPRI

INSTRUMENT CLUSTER

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 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

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

HAZARD WARNING & TURN SIGNAL FLASHER

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

IGNITION SWITCH

Remove upper and lower steering column shrouds and disconnect wiring from ignition switch. Ensure that switch is in "0" position and remove screws securing switch to lock and remove switch. Remove screws securing left and right lower dash trim panels and lower panels. Move turn signal switch out of way and disconnect wiring from ignition switch. Remove screws holding steering column to dash and turn column to gain access to headless bolts. Remove lock from steering column by drilling out headless bolts or removing bolts with screw extractor.

STOP LIGHT SWITCH

Mechanical type mounted on bracket at brake pedal lever.