

BMW (Cont.)

TURN SIGNAL & DIMMER SWITCH

Removal — Disconnect battery ground cable. Remove 3 mounting screws and pull down lower shroud. Remove steering wheel as previously outlined. Separate wiring from mounting straps on steering column. On 320i models, disconnect electrical plug under instrument panel. On other models, disconnect central fuse/relay plug. Remove 4 switch mounting screws and slide off switch with harness.

Installation — To install, reverse removal procedure and note: Make sure steering wheel is lined up with reference marks. Ensure turn signal assembly is centered. Finger on cancelling cam must face toward center. Distance between switch and finger should be about .118" (3 mm).

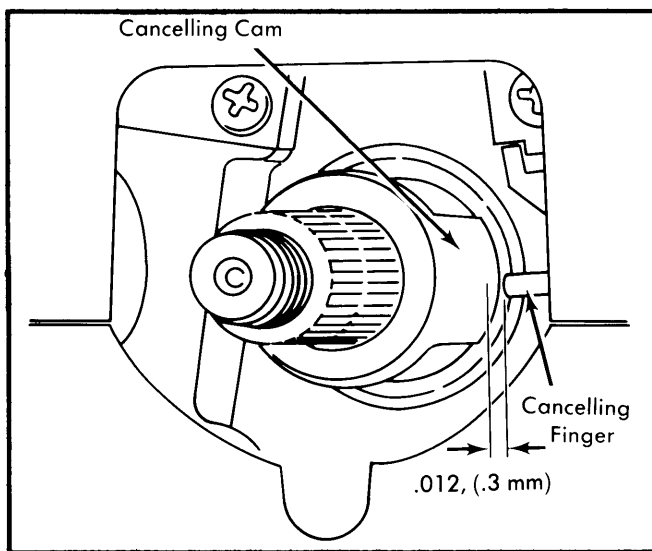


Fig. 2 Cancelling Cam and Finger with Clearance Shown

IGNITION SWITCH

Removal — Disconnect battery ground cable. Remove 3 mounting screws and pull off lower plastic shroud. Remove hollow set screw and slide out ignition switch. Disconnect horn wires on 320i models only. Disconnect steering column wire holders. On 530i and 630CSi models only, disconnect central fuse/relay plate plug and plug connector. On 320i models only, disconnect central plug. Ignition switch is free for removal.

Installation — To install, reverse removal procedure and note following: Make sure to turn ignition key all the way back before inserting. Set ignition switch at "O" position before installing. On 320i models only, marks on ignition switch must oppose each other.

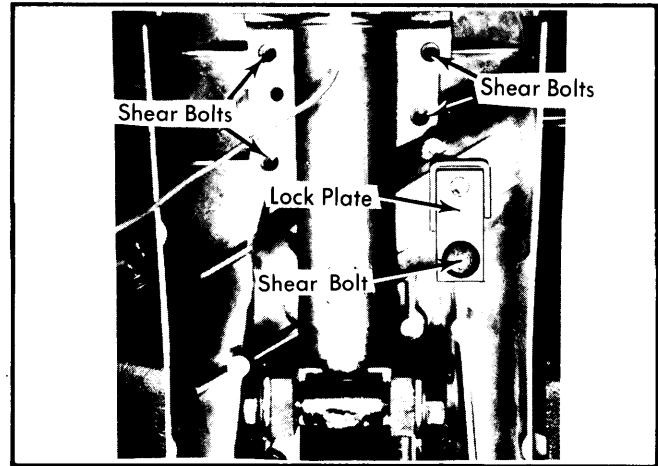


Fig. 3 Location of Shear Bolts. View Looking up from Under Steering Column. 530i and 630CSi Shown

STEERING LOCK

Removal; 530i & 630CSi — 1) Disconnect battery ground. Remove steering wheel. Remove 3 screws holding lower steering column shroud. Disconnect and remove turn signal and wiper/washer switch plate.

2) Remove shear bolts from switch plate with chisel. Remove set screw on outside of steering column tube. Pull out ignition switch. Remove steering lock plate shear bolt and pull out steering lock.

Installation — To install, reverse removal procedure.

Removal; 320i — Disconnect electrical wires from under instrument panel. Remove shroud. Remove shear bolt from lock plate and pull out steering lock.

Installation — To install, reverse removal procedure.

CAPRI

Capri

REMOVAL & INSTALLATION**STEERING WHEEL**

Removal — Align wheels in straight-ahead position. Remove two screws securing steering column shroud and detach both

halves. Pry out steering wheel center emblem. Unscrew steering wheel nut. Note alignment marks on wheel and shaft. Pull off steering wheel, using hand pressure only.

Installation — To install, reverse removal procedure, noting the following: Realign positioning marks of steering wheel and shaft. Ensure turn signal cancelling cam is engaged in groove on underside of steering wheel.

Steering Wheel & Column Switches 10-5

CAPRI (Cont.)

TURN SIGNAL & IGNITION SWITCHES

Removal – Disconnect battery. Remove steering column shroud upper and lower halves. Remove turn signal switch retaining screws, disconnect electrical plug and remove turn signal switch. Place ignition key in the "O" position, then remove screws from the lower left trim panel. Disconnect electrical plug from emergency flasher then remove trim panel. Disconnect ignition wires at connector then remove screws securing ignition switch to lock and remove ignition switch.

Installation – To install, reverse removal procedure, making sure that ignition key is in the "O" position and all wires are reconnected.

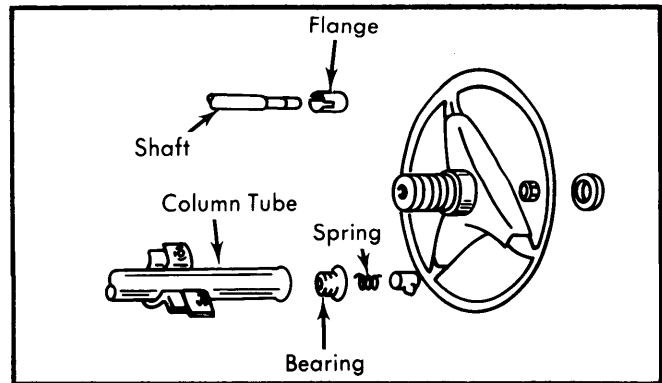


Fig. 1 Capri Steering Wheel Components

COURIER

Courier

REMOVAL & INSTALLATION

STEERING WHEEL & COMBINATION SWITCH

Removal – 1) Disconnect battery ground cable. Remove steering wheel nut cover. Index mark main shaft and steering wheel. Disconnect electrical leads. Pull steering wheel from shaft.

2) Remove plastic hazard light indicator and steering column shroud. Disconnect electrical wires at base of steering column. Remove headlight switch knob from shaft.

3) Remove snap ring retaining switch and force turn indicator cancelling cam off shaft. Take out single bolt, near bottom of switch, and pull out complete switch assembly.

Installation – 1) Fit switch assembly on steering column then, refit one retaining bolt. Place turn indicator cancelling cam into position and install snap ring. Reconnect electrical plug at column base.

2) Insert and tighten headlight knob switch. Install column shroud and plastic hazard light indicator. Refit steering wheel with index marks aligned. Connect battery ground cable.

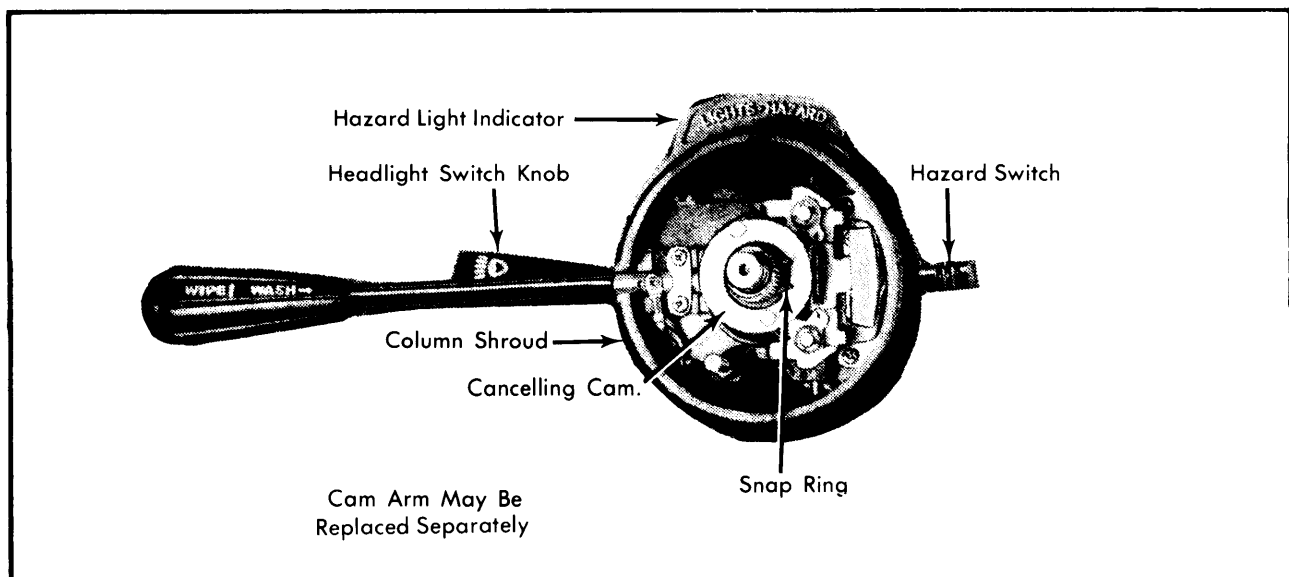


Fig. 1 Top View of Steering Column with Steering Wheel Removed to Expose Combination Switch