

10-4 Steering Wheel & Column Switches

BMW (Cont.)

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).

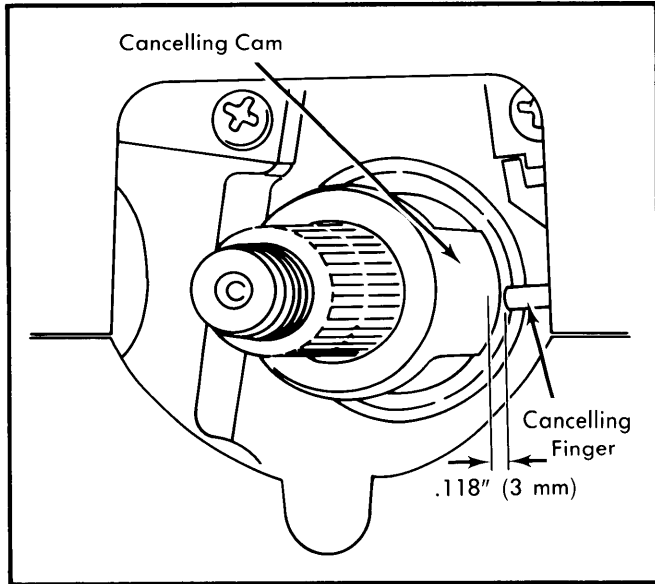


Fig. 2 Cancelling Cam and Finger with Clearance Shown

IGNITION SWITCH

Removal — 1) Disconnect battery ground cable. Remove mounting screws and pull off lower plastic shroud. Remove hollow set screw and slide out ignition switch. Disconnect horn wires on 320i models only.

2) Disconnect steering column wire holders. Disconnect central fuse/relay plate plug and plug connector. On 320i models only, disconnect central plug. On all models, remove ignition switch.

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.

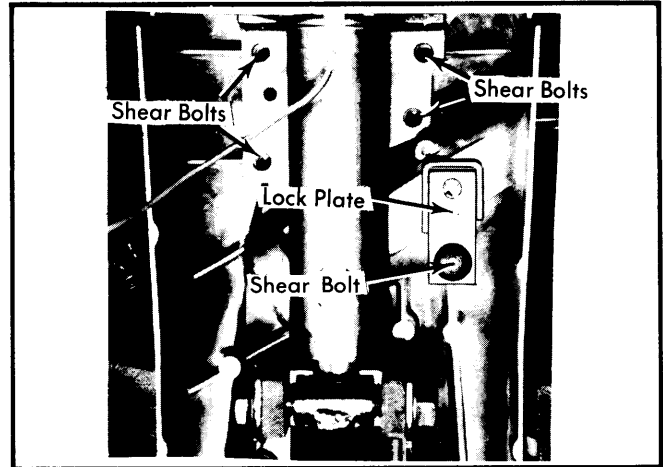


Fig. 3 Location of Shear Bolts. View Looking Up From Under Steering Column. All Models Except 320i

STEERING LOCK

Removal (Exc. 320i) — 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.

CHRYSLER CORP. IMPORTS

Arrow
Arrow Pickup
Challenger
Champ

Colt
D50 Pickup
Sapporo

REMOVAL & INSTALLATION

STEERING WHEEL & COMBINATION SWITCH

Removal — 1) Disconnect battery ground cable. Remove horn pad. Mark main shaft and steering wheel for reassembly reference. Remove steering wheel nut. Remove steering wheel with suitable puller (DT1001A).

NOTE — If equipped with tilt steering, handle must be in lowest position before removing steering wheel.

2) Remove column cover. Disconnect electrical connections at base of steering column. Remove retaining screws and pull combination switch out.

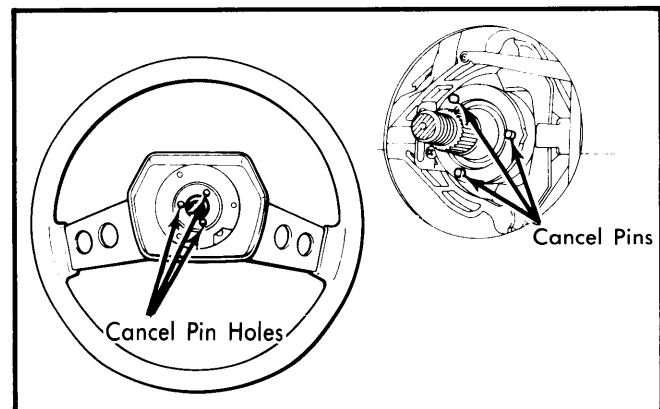


Fig. 1 Installation of Steering Wheel on Arrow, Challenger, Colt Station Wagon and Sapporo Models

CHRYSLER CORP. IMPORTS (Cont.)

Installation — 1) Install combination switch and retaining screws. Connect electrical connections at base of column and route harness along center of tube.

2) To install steering wheel, place front wheels in straight-ahead position. On Arrow, Challenger, Colt Station Wagon and Sapporo models, align cancel pins of column switch with holes in bottom of steering wheel. On all models, refit steering wheel with index marks aligned. Tighten nut and install horn pad. Connect battery ground cable.

STEERING LOCK

Removal — With steering wheel removed, disconnect negative battery cable. Remove column levers and switches. Cut a slot in mounting head screws and bracket with a hack saw. Remove screws and remove steering wheel lock.

Installation — To install reverse removal procedure and install new bracket and screws.

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.

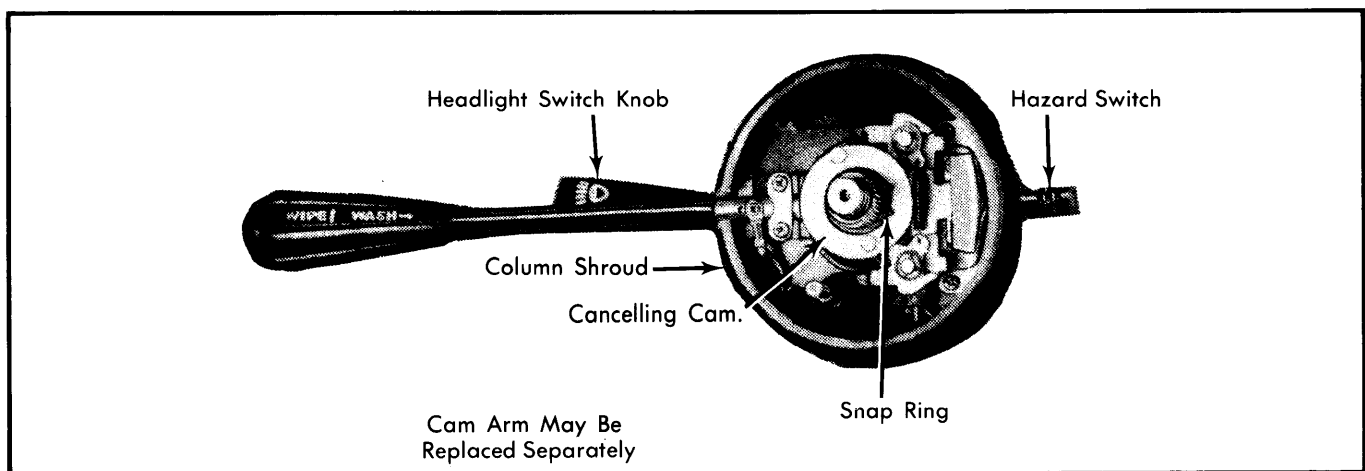


Fig. 1 Top View of Steering Column with Steering Wheel Removed to Expose Combination Switch

DATSUN

200SX
210
280ZX
310

510
810
Pickup

REMOVAL & INSTALLATION

STEERING WHEEL & HORN PAD

Removal — 1) Disconnect battery ground cable. Use the following procedures to remove horn pad for particular model:

- On 200SX and Pickup models, pull horn pad off steering wheel.

- On 210 models, remove 3-spoke horn pad by pulling off. Remove 2-spoke horn pad by removing bolts on back side of steering wheel, then pull off pad. Remove horn wire.
- On 280ZX and 310 models, pull horn pad off.
- On 510 and 810 models, remove bolts on back side of steering wheel and pull off pad. Remove horn wire.

2) Remove retaining nut. Using puller (27180001), remove steering wheel. Do not hammer on steering wheel. Pounding may cause damage to collapsible steering column.

Installation — On all models, reverse removal procedure. Grease any sliding components. Match index marks made during removal. Check operation.