

**JAGUAR (Cont.)**

- 2) Unscrew nylon nut from top of steering wheel shaft and remove it carefully, taking out the horn contact tube also.
- 3) Remove self-locking nut and plain washer which retain steering wheel. Carefully pull steering wheel from the shaft, collecting both halves of the split cone.

**Installation** — To install, reverse removal procedure and note the following: Be sure that front wheels are always kept in a straight-ahead position. When tightening collet clamp, tighten grub screw finger-tight, snug down its lock nut and torque clamp bolt to 10-12 ft. lbs. (1.4-1.6 mkg).

**LANCIA**

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**REMOVAL & INSTALLATION**

**STEERING WHEEL**

**Removal** — Place front wheels in straight ahead position. Disconnect battery. Remove horn cover mounting screws from below steering wheel spokes. On Coupe models only, horn cover will pry off. Remove spring. Mark steering wheel and shaft. Remove mounting nut. Fit puller 88062038 (or equivalent) and remove steering wheel.

**NOTE** — On some early models it will be necessary to drill and tap two holes for puller.

**Installation** — To install, reverse removal procedure. Make sure index marks on steering wheel and shaft align.

**STEERING COLUMN LOCK AND IGNITION SWITCH**

**Removal** — 1) Disconnect battery. Place front wheels in straight ahead position. Remove steering shaft mounting bolt and take off lower column casing. Disconnect multi-plug from socket. Remove steering column cover nuts and lift off complete with controls and steering wheel.

2) Use a .236" (6 mm) drill and remove shear bolts mounting column lock. Punch out bolts (if necessary) and lift out lock. Remove bolt keeping ignition switch to column lock support. Fit key and turn switch to "GAR", remove key. Use a metal pointed tool, depress lock spring, and slip out lock at same time.

**Installation** — Reassemble ignition switch. Fit column lock into position on steering column. Tighten mounting bolts until heads shear. Refit steering shaft lower end and tighten nut. Install upper cover to steering column and tighten mounting nuts. Reconnect multi-plug. Install steering column lower cover. Connect battery.

**STEERING COLUMN ADJUSTER**

**Removal** — 1) Disconnect battery. Disconnect speedometer at transaxle. Remove instrument cluster bolts and knobs. Disconnect speedometer cable from under dash. Separate electrical connections and lift off cluster.

2) Remove lower column cover. Remove nuts mounting steering shaft to adjustable bracket. Place steering shaft out of way. Remove mounting nuts and take off adjuster handle. Remove nuts mounting bracket to pedal support and lift off unit.

**Installation** — To install, reverse removal procedure.

**LUV**

**CAUTION** — Steering shaft is an energy-absorbing unit. During any service operation, avoid jarring or leaning on any portion of column.

**REMOVAL & INSTALLATION**

**HORN BUTTON & STEERING WHEEL**

- 1) Disconnect battery. Remove horn shroud and spring ring by pushing in and turning counterclockwise.
- 2) Remove horn contact ring and wire. Unscrew steering wheel retaining nut. Mark position of steering wheel on shaft.
- 3) Using appropriate puller (J-24292 for standard wheel or J-2927/J-2927-10 for sport type wheel), remove steering wheel.

**TURN SIGNAL/DIMMER SWITCH**

Switch is a combination turn signal and headlight dimmer assembly. Disconnect battery ground and remove steering column cowling. Disconnect wires to switch harness. Remove switch by separating from clamp on mast jacket (two screws). To install, reverse removal procedures.

**LUV**

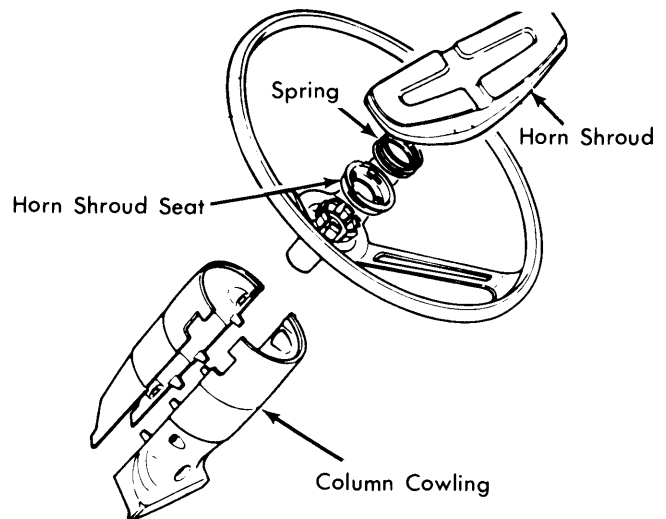


Fig. 1 LUV Steering Wheel Assembly

**HAZARD WARNING SWITCH**

Disconnect battery ground cable. Remove steering column cowling screws. Hazard warning switch is retained on upper half of cowling by two screws. Disconnect switch wiring harness at connector, remove mounting screws, and withdraw switch. To install, reverse removal procedure.

# Steering Wheel & Column Switches 10-9

## LUV (Cont.)

### ADJUSTMENT

#### STEERING WHEEL ALIGNMENT

1) Set front wheels in straight-ahead position. Check location of spot on wormshaft which indicates gear "high point" (this should be at top center).

2) If gear is not in this position, loosen adjusting locknuts on both left and right sides of intermediate connecting rod.

3) Remove intermediate rod with inner tie rod ends attached. Turn ends an equal amount in the same direction to bring steering gear back to high point.

**NOTE** — Turning ends unevenly will disturb toe-in setting; however, toe-in should be rechecked after adjustment is made and set as required.

4) Note position of steering wheel spokes. They should be equally balanced. If they are off-center, remove steering wheel and reposition to proper alignment.

## MAZDA

808  
RX-3  
RX-4  
Cosmo  
B1600 Pickup

### REMOVAL & INSTALLATION

#### HORN BUTTON & STEERING WHEEL

1) Disconnect battery. Some models have horn button retained by screws from the back side of the steering wheel. On others, such as RX-4 and Cosmo, the horn button is removed by lifting straight up, and on B1600, turn horn button counterclockwise to remove.

2) On all models, mark the steering wheel position on the steering column (for proper reassembly).

**NOTE** — This step is not necessary if the wheel is improperly aligned and it is going to be recentered.

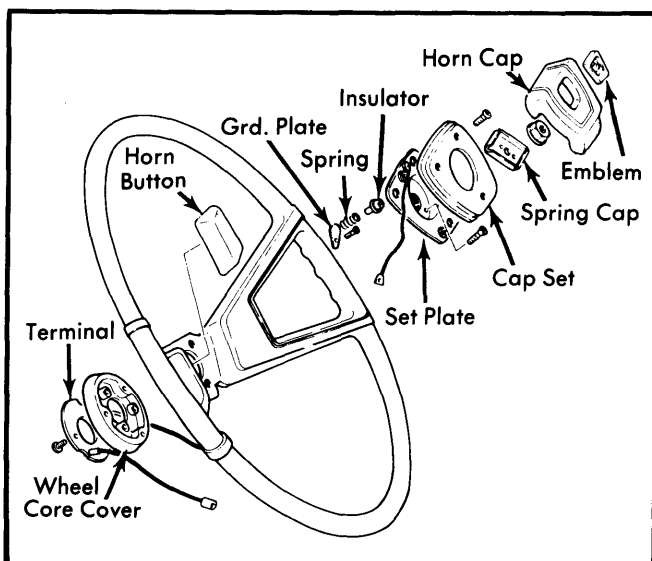


Fig. 1 Typical Mazda Steering Wheel Assembly

3) Unscrew steering wheel retaining nut and use a puller to remove steering wheel from column shaft. Steering wheel horn components may now be disassembled if necessary (Fig. 1).

#### COMBINATION SWITCH

**B1600** — 1) Remove steering wheel as outlined. Pull off light switch knob. Remove column cover attaching screws and separate cover.

2) Remove stop ring, cancelling cam and spring.

3) Disconnect wiring couplers for switch assembly. Remove switch-to-column attaching screw and lift switch assembly from column.

**808 & RX3** — Remove steering wheel as outlined. Remove column cover on right side. Remove combination switch retaining ring and lift switch assembly over steering column shaft.

**RX-4 & Cosmo** — 1) Remove steering wheel as outlined. Loosen and move left vent knob away from instrument panel. Remove choke knob and position choke cable aside.

2) Detach steering column covers. Disconnect wiring from panel light resistor and exhaust system "overheat" light by loosening attaching screws.

3) Loosen but do not remove final two attaching screws (one in opening just to right of heater lever and the other in opening just below left air outlet).

4) Pull column cover out from instrument panel (retainer clips will offer some resistance to pull).

5) Disconnect combination switch wiring. Remove stop ring from steering shaft. Remove switch attaching screws and lift off switch assembly.