

10-10 Steering Wheel & Column Switches

JAGUAR (Cont.)

TURN SIGNAL, WIPER/WASHER, DIMMER

Removal (XJS) — 1) Disconnect battery ground. Loosen steering wheel hand adjustment ring, then extend wheel as far into passenger compartment as possible. Remove steering column lower shrouding. Remove steering wheel.

2) Remove upper shroud screw from bracket on column. Loosen pinch screw holding switch assembly to column. See Fig. 2. Separate shroud from switch assembly. Remove switch mounting screw. Separate ground at electrical quick-disconnect. Separate turn signal and wiper/washer switches.

Installation — To install, reverse removal procedure.

LUV

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 pad and spring by pushing in on pad and turning counterclockwise.

2) Remove horn contact ring and wire. Unscrew steering wheel retaining nut. Mark position of steering wheel on column shaft. Remove steering column cowling (4 screws).

3) Using appropriate puller (J-24292 for standard wheel or J-2927/J-2927-10 for sport type wheel), remove steering wheel.

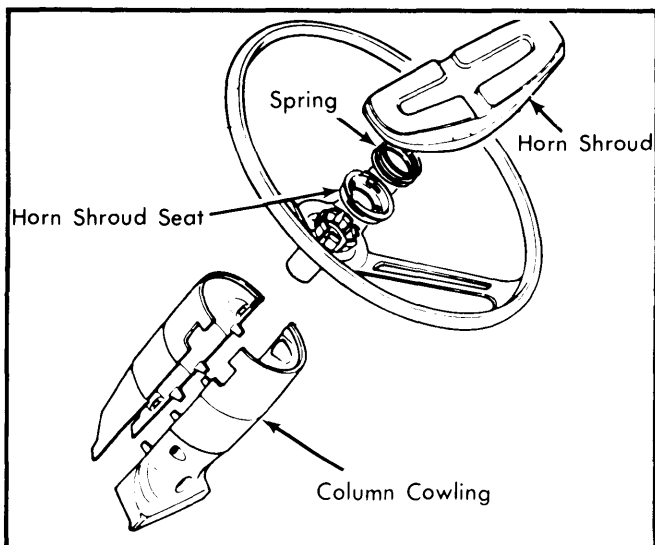


Fig. 1 LUV Steering Wheel Assembly

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.

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.

MAZDA

GLC
626
B2000
RX7

REMOVAL & INSTALLATION

STEERING WHEEL & COMBINATION SWITCH

Removal — 1) Disconnect battery ground cable. Pull off horn cap. Place front wheels in straight-ahead position. Index mark column shaft and steering wheel.

2) Remove steering column shrouding. Disconnect electrical connectors. To disconnect electrical connections on RX7, remove air duct at base of steering column. Remove steering shaft stop ring, cancel cam and spring. Remove retaining screws and combination switch assembly.

NOTE — Wiper switch can be removed with combination switch or separated from it.

Installation — To install, reverse removal procedure.

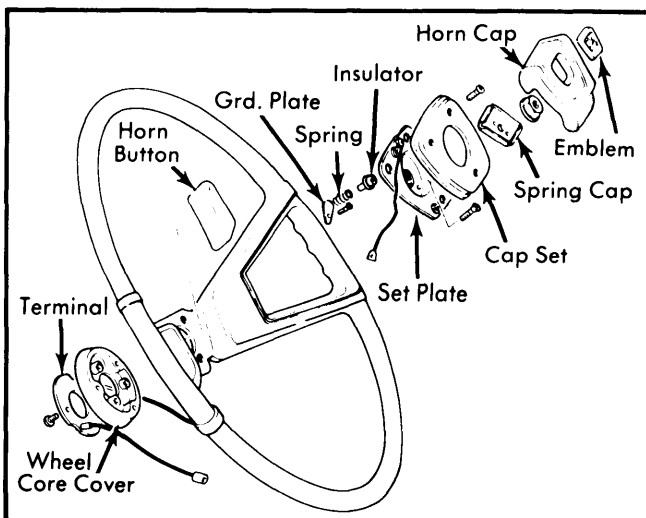


Fig. 1 Typical Mazda Steering Wheel Assembly

Steering Wheel & Column Switches 10-11

MAZDA (Cont.)

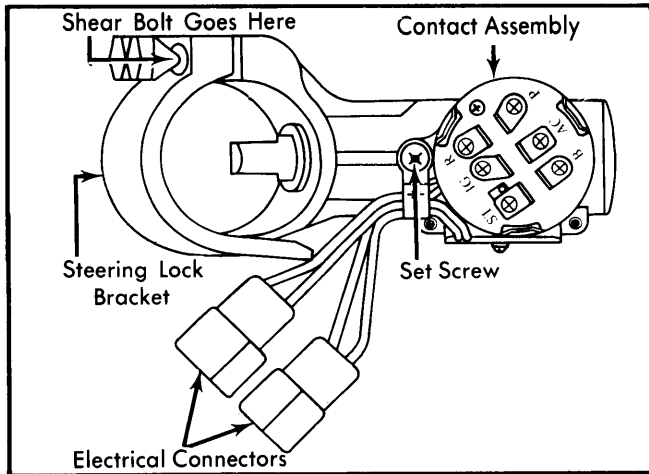


Fig. 2 Exploded View of Ignition Switch Assembly (Except B2000)

IGNITION SWITCH

Removal (Except B2000) — Remove steering wheel as previously outlined. Remove column shrouding. Remove combination switch. Disconnect electrical connector. Remove screw attaching switch contact (See Fig. 2) housing to steering lock body and slide out contact housing.

Installation — To install, reverse removal procedure.

STEERING LOCK

Removal (Except B2000) — Remove steering wheel, column shrouding and combination switch. Put a groove in bolt attaching steering lock body to column shaft and remove bolt. Remove steering lock.

Installation — To install, reverse removal procedure and tighten new shear bolts until heads break.

MERCEDES-BENZ

240D
280 Series
300 Series
450 Series
6.9

REMOVAL & INSTALLATION

HORN PAD & STEERING WHEEL

Removal, with Polyurethane Wheel (Soft Rubber) — 1) Grip horn pad near one corner and pull straight up until free. Pull up other corner. Remove pad from steering wheel.

2) Unscrew steering retaining nut, remove spring washer and pull steering wheel from shaft.

Installation — Prior to steering wheel installation, be sure scribe mark on shaft is straight up. Position wheel on shaft with spokes horizontal. Install retaining nut.

Removal, with Rigid Plastic (Bealit) Wheel — 1) Remove vehicle emblem from horn pad. Unscrew steering wheel retaining nut and pull wheel from shaft with pad still attached.

2) Unscrew hex nuts on backside of wheel and separate steering wheel from pad.

NOTE — Horn wire is still attached to steering wheel, so care must be taken to avoid breaking it.

3) Detach horn wire from contact ring and remove steering wheel.

4) Unscrew countersunk screws from steering wheel hub and remove centering pad of contact ring.

5) Remove horn ring from steering wheel. Remove locking ring from hub of pad, then remove slip ring.

Installation — To install, reverse removal procedure, noting that front wheels are always kept in a straight-ahead position and that steering wheel spokes are horizontal.

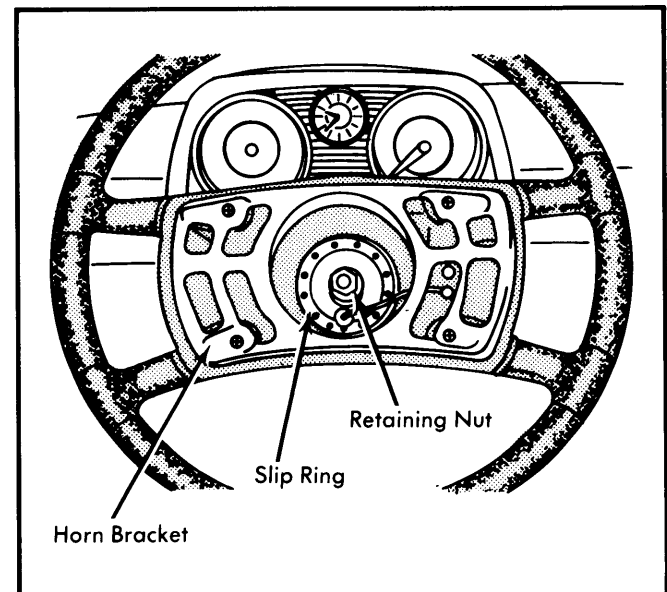


Fig. 1 Mercedes-Benz Steering Wheel with Cover Removed