

Steering Wheel & Column Switches 10-11

MAZDA (Cont.)

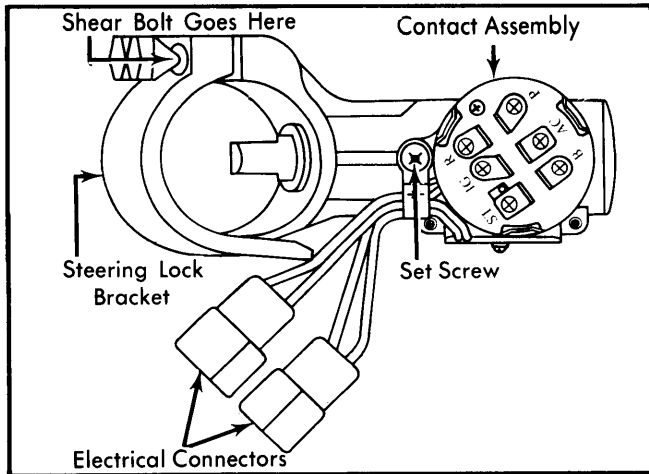


Fig. 2 Exploded View of Ignition Switch Assembly (Except B2000)

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.

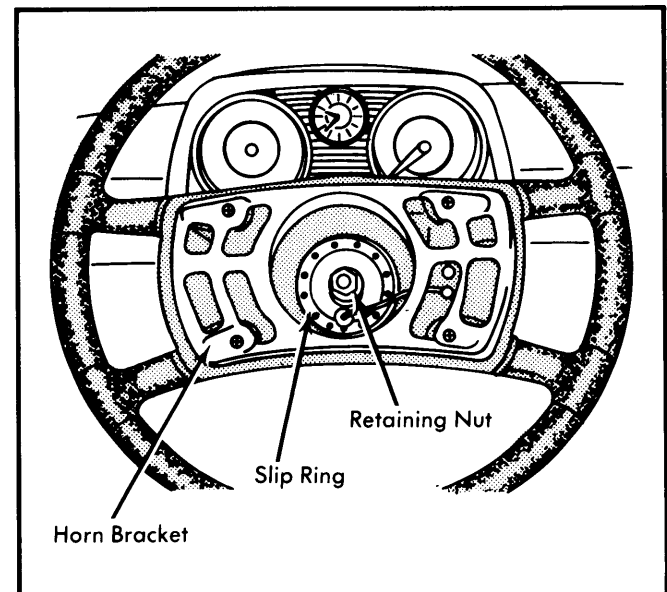


Fig. 1 Mercedes-Benz Steering Wheel with Cover Removed

10-12 Steering Wheel & Column Switches

MG

MGB
Midget

REMOVAL & INSTALLATION

STEERING WHEEL

Removal — Disconnect battery ground cable. Remove steering wheel pad. Remove mounting nut. Mark position of steering wheel and column. Use puller (18G 1317) to remove steering wheel from shaft.

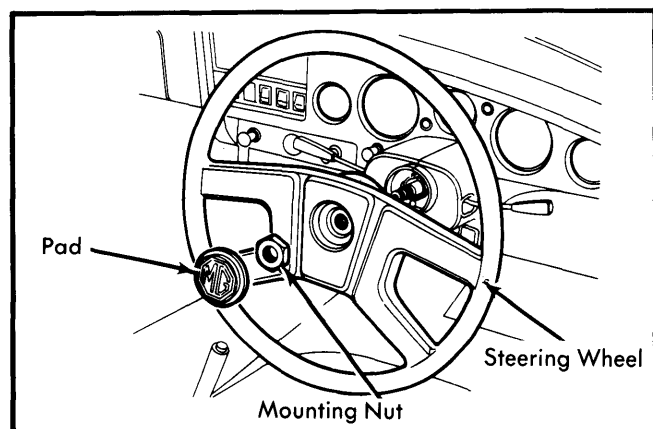


Fig. 1 Exploded View of Steering Wheel Assembly

Installation — Reverse removal procedure and note: Line up index marks. Make sure cancel cam has ridge facing indicator switch. Make sure steering wheel projections (tongues) slip into slots on cancel cam.

COMBINATION SWITCH

Removal — Disconnect battery ground cable. Remove steering wheel. Remove steering column shroud screws and remove shrouding. Disconnect electrical connections at base of column and remove retaining tape. Remove wiper switch retaining screws and loosen switch clamp screw. Remove combination switch from shaft.

Installation — To install, reverse removal procedure and note: Ensure locating tang of switch aligns with outer slot of steering column.

STEERING COLUMN LOCK & IGNITION SWITCH

Removal — Remove necessary shrouding to gain access to lock. Make sure steering lock is disengaged. Disconnect ignition switch multi-pin connector. Drill out and remove shear bolts from lock bracket. Remove steering screw holding switch in lock and remove switch.

Installation — Center locking mechanism on column. Hand tighten new shear bolts. Reconnect multi-pin connector. Check switch and lock operation. Tighten shear bolts until heads break.

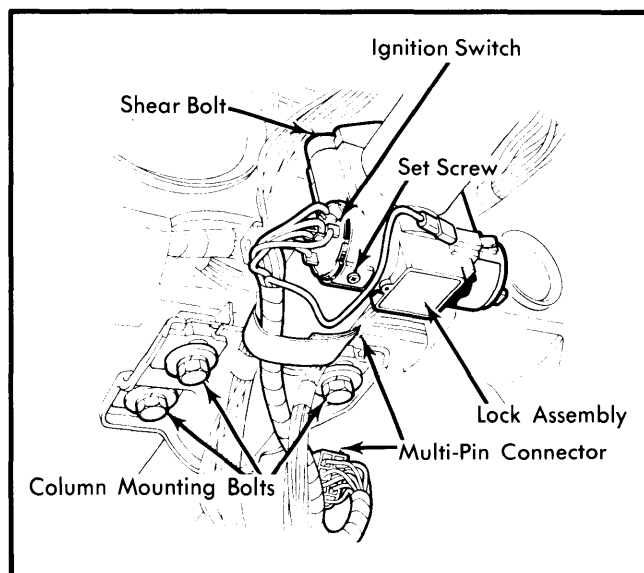


Fig. 2 Bottom View of Steering Column Showing Ignition Switch and Column Lock

OPEL

All Models

REMOVAL & INSTALLATION

HORN PAD & STEERING WHEEL

Removal — 1) Disconnect battery cable. Remove two screws from backside of steering wheel which hold the horn pad in place.

2) Remove horn pad from its position and disconnect the horn contact wire from the hub connection.

3) Remove steering wheel retaining nut and washer. Position suitable puller and remove the steering wheel.

NOTE — On sport steering wheels: Remove center pad. Remove mounting nut. Index shaft and wheel. Pull off wheel with tool J-23072 (or equivalent).

Installation — To install, reverse removal procedure after making sure that front wheels are in straight-ahead position and that steering wheel spokes are horizontal when steering wheel is installed. Make sure cancelling cam of turn signal switch engages properly.

COMBINATION SWITCH & IGNITION LOCK

Removal — 1) Remove screws holding upper and lower steering column covers in place. Remove the hazard warning button.