

Steering Wheel & Column Switches 10-9

JAGUAR

XJ6
XJ12
XJS

REMOVAL & INSTALLATION

HORN PAD & STEERING WHEEL

Removal (XJ6 & XJ12) – 1) Set front wheels in straight-ahead position. Mark this position on steering wheel and do not turn wheel again.

2) Remove three screws securing lower switch cover and detach cover.

3) Working from below, remove clamp bolt securing split collet adaptor (Fig. 1) to steering column. Loosen lock nut on set screw and loosen set screw 2 turns.

4) Withdraw steering wheel, complete with hand lock nut, impact rubber bumper, collet adaptor, and shaft.

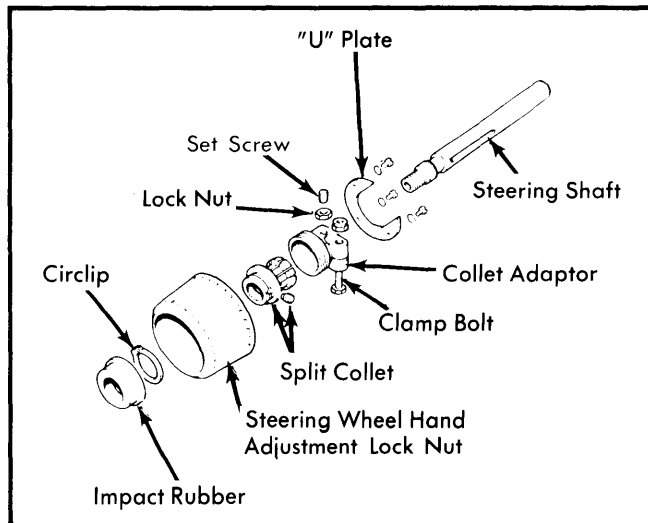


Fig. 1 Components Located Behind Steering Wheel XJ6 and XJ12 Models

Dismantling – 1) Unscrew two self-tapping screws from lower face of steering wheel boss and lift off padded horn contact.

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).

Removal (XJS) – 1) Loosen steering wheel adjustment lock nut. Grasp wheel and pull outward to the maximum extended position. Remove 2 horn pad-to-steering wheel mounting screws, then lift pad from wheel.

2) Place front wheels in straight ahead position. Engage steering column lock. Make sure key is removed. Remove the horn contact (rod) from upper column. Take off steering wheel mounting nut. Tap steering wheel off column. Do not lose split pins.

Installation – To install, reverse removal procedure.

STEERING LOCK

Removal – Take off upper column shrouding. Using a center punch, make several dimples in shear bolt and rotate bolt out.

Installation – To install, reverse removal procedure.

IGNITION SWITCH

Removal – Disconnect battery ground. Separate column shrouding from switch side. On XJ6 and XJ12 models only, disengage retaining ring holding ignition switch in housing. On XJS models only, maneuver shrouding until access to ignition switch set screw is gained; loosen screw. Force switch and wiring clear of housing. On all models, disconnect ignition switch wiring at multi-pin connector. Remove switch and harness.

Installation – To install, reverse removal procedure. On XJS models only, make sure lock tab on retaining ring engages slot.

TURN SIGNAL, WIPER/WASHER, HAZARD, DIMMER

Removal (XJ6 & XJ12) – Disconnect battery ground. Take off steering column lower shroud. Remove steering wheel as previously outlined. Take off steering column upper shroud. Take cover out from below instrument panel. Loosen pinch bolt and pull combination switch assembly from steering column. Disconnect electrical wiring. Hazard flasher can now be separated by disconnecting wires, depressing tangs and pushing switch through mounting plate.

Installation – To install, reverse removal procedure.

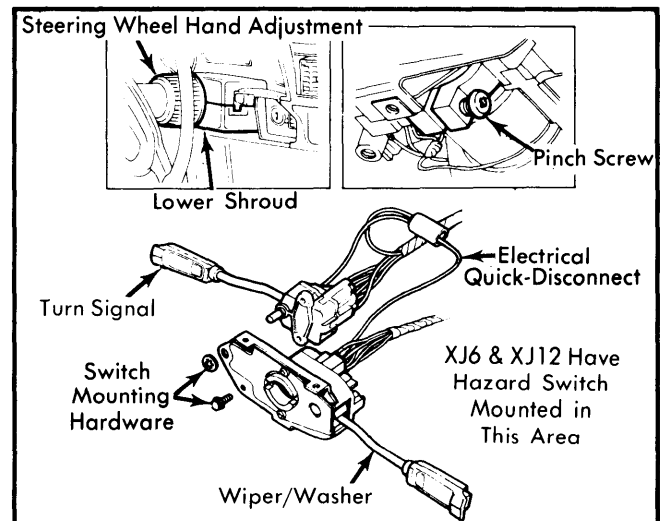


Fig. 2 Exploded View of XJS Combination Switch

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.

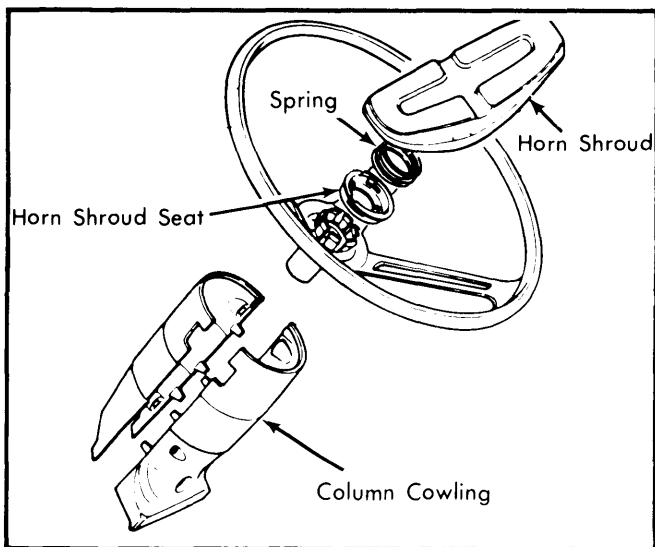


Fig. 1 LUV Steering Wheel Assembly

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.

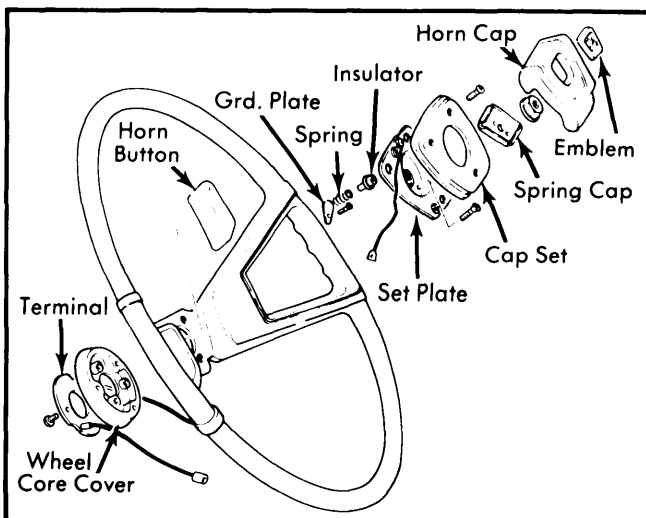


Fig. 1 Typical Mazda Steering Wheel Assembly