

# Steering Columns

## LUV

### Pickup

### DESCRIPTION

Column is fastened to steering gear through a flexible coupling. The energy-absorbing shaft will collapse during frontal impact under predetermined loads, by shearing plastic pins.

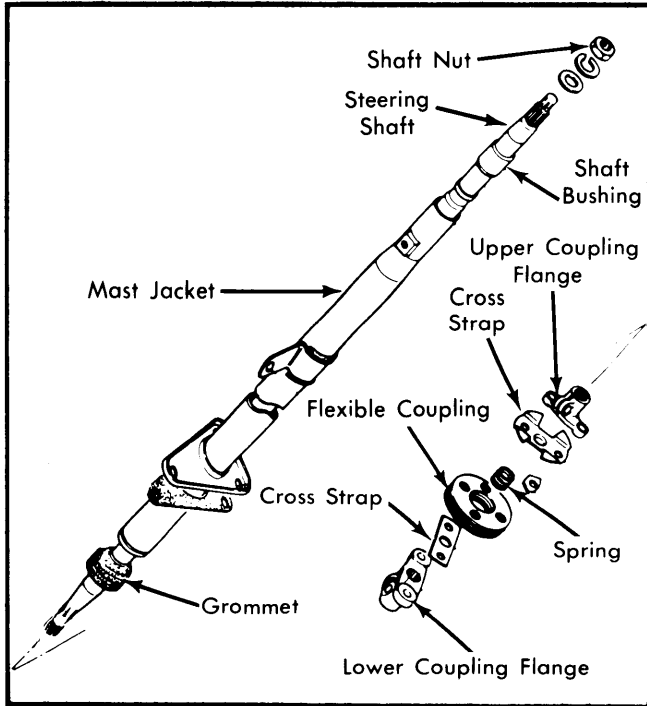


Fig. 1 Exploded View of Steering Column Assembly

### REMOVAL & INSTALLATION

**NOTE** — Before beginning removal and installation, inspect steering shaft shear pins. If steering shaft plastic pins have been sheared, shaft will rattle when struck lightly from side.

### STEERING COLUMN

**Removal** — 1) Disconnect battery ground. Remove horn cover and spring. Remove steering column shrouding and hazard warning light switch. Remove combination switch. Remove steering wheel. See LUV under STEERING WHEEL & COLUMN SWITCHES in this Section.

**NOTE** — Avoid impact to steering wheel at all times.

2) Raise front of vehicle and support. Remove pinch bolt holding shaft to lower coupling flange. Remove 3 mast jacket to firewall bolts. Remove 2 steering column to instrument panel bolts.

3) Separate rubber coupling from steering shaft. Carefully slide steering shaft toward inside of passenger compartment and remove from vehicle.

**Installation** — To install, reverse removal procedure, noting the following: Leave column-to-panel bolts slightly loose until vehicle is lowered to ground.

### FLEXIBLE COUPLING

**Removal** — 1) Raise front of vehicle. Remove coupling through bolts (only two can be removed). Remove coupling assembly by loosening clamp bolts.

2) If necessary to remove clamps, steering column must be loosened. Remove column mounting screws at cowl. Remove instrument panel mount bolts and slide column rearward about 1" (25 mm), then remove steering column flexible coupling.

**Installation** — Replace clamps without pinch bolts. Position rubber coupling and tighten through-bolts as required. Install and tighten clamp pinch bolts. If column was loosened, lower vehicle to floor and slightly tighten column-to-instrument panel screws. Install column cowl, then completely tighten column support screws.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Steering Wheel Nut .....	25 (3.5)
Coupling Through-Bolts .....	18 (2.5)
Shaft Coupling Clamp .....	20 (2.8)
Coupling-to-Wormshaft Clamp.....	20 (2.8)
Column-to-Cowl.....	10 (1.4)