

# Steering Columns

## MERCEDES-BENZ

230  
240D  
280  
300D  
450SE/SEL  
450SL/SLC

### DESCRIPTION

Steering column is connected to steering gear by a shaft which is enclosed in a housing and turns on ball bearings. Turn signal switch, shift lever (if on column), and horn button are enclosed in the shaft housing and steering wheel. Assembly is supported on the instrument panel.

### REMOVAL & INSTALLATION

#### STEERING COLUMN HOUSING

**Removal** – 1) Disconnect battery cable. Remove steering wheel. On vehicles with column shift, disconnect shift rods from bearing bracket. Disconnect back up light switch and remove floor plate from steering column. Remove instrument cluster by disconnecting temperature gauge tube, cover under instrument panel, and speedometer cable. Push cluster out from under instrument panel.

2) Remove steering lock by first removing lock sleeve, then turn spindle so bolt pin cannot enter closing ring. Loosen clamping screw and push in lock pin, then turn steering lock and remove from instrument panel.

3) Disconnect electrical plug at housing, remove bolts securing housing to body, and remove steering column housing.

**Installation** – To install, reverse removal procedure, tightening bolts and nuts as required.

#### STEERING COLUMN SHAFT

**Removal** – Remove steering wheel and turn signal switch rubber cover. Disconnect switch from bearing housing and pull out slightly. Disconnect switch wiring. On vehicles with column shift, remove shift lever. Turn guide pin 180° and remove lock (with washer). Remove screws securing bearing housing to column housing; remove column shaft.

**Installation** – To install, reverse removal procedure, tightening bolts and nuts as required.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Steering Wheel Nut .....	36 (4.98)
Steering Wheel-to-Collapsible Bowl.....	9-11 (1.2-1.5)
Steering Coupling.....	18 (2.49)
Steering Tube-to-Body.....	18 (2.49)