

## TOYOTA LAND CRUISER

### DESCRIPTION

The steering shaft assembly consists of a one-piece steering shaft rotating inside a column tube. Steering shaft is connected to steering gear by a flexible coupling. Column tube is attached to instrument panel by a clamp and to floor pan by a floor cover.

### REMOVAL & INSTALLATION

#### STEERING COLUMN

**Removal** – 1) Place index marks on steering shaft and flexible coupling, then remove flexible coupling clamp bolt. Remove horn pad, steering wheel and column covers.

2) Remove combination switch. Remove floor pan cover bolts and column clamp bolts. Remove steering column from inside vehicle.

**Installation** – To install steering column, reverse removal procedure. Make sure index marks on steering gear and flexible coupling are aligned during installation.

### OVERHAUL

#### STEERING COLUMN

**Disassembly** – 1) Remove bearing retainer, snap rings and upper bracket from column tube. Remove steering shaft from column tube.

2) Separate flexible coupling from steering shaft. Remove floor pan cover-to-column tube bolts and remove floor pan cover. Remove column tube seal from lower end of column tube.

**Inspection** – Check all components for wear or damage. Check lock mechanism, located in upper bracket, for proper operation. Replace components as necessary.

**Reassembly** – To reassemble steering column, reverse disassembly procedure and note the following: Grease upper bearing, replace column tube seal and floor pan cover gasket if necessary. After reassembly, make sure steering shaft does not bind in column tube.

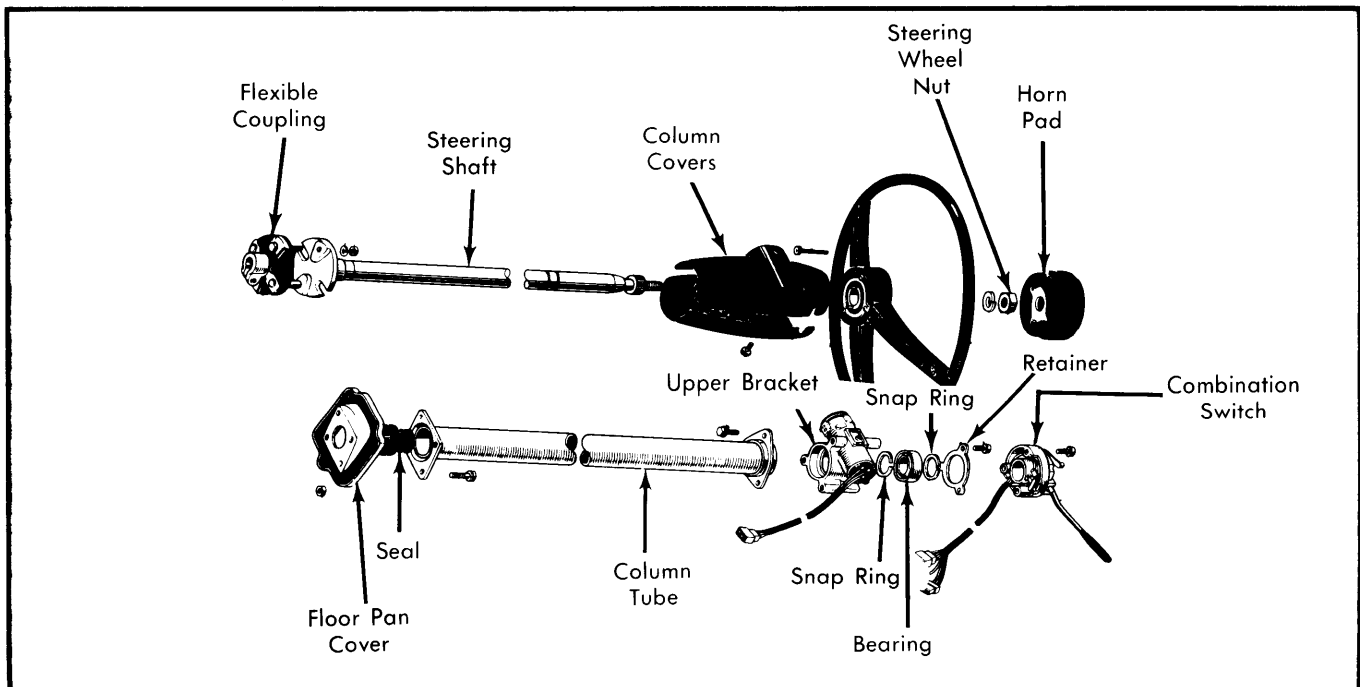


Fig. 1 Exploded View of Land Cruiser Steering Column