

# Steering Columns

## ISUZU I-MARK

### DESCRIPTION

The I-Mark has a ball-type, energy absorbing steering column, with a plastic pin-type, energy absorbing steering shaft. The column and shaft collapse during frontal collision, by shearing of plastic pins.

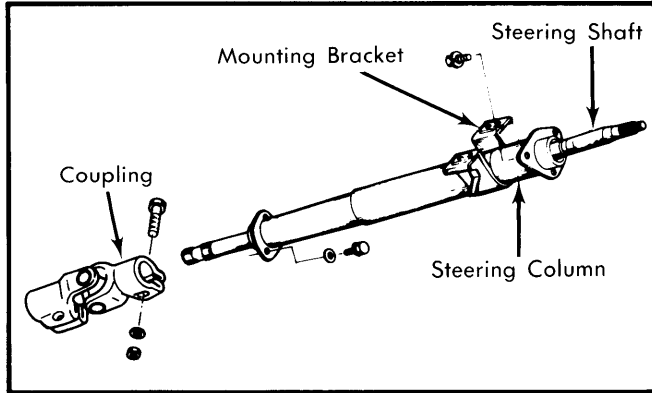


Fig. 1 Exploded View Showing Steering Column Components

### REMOVAL & INSTALLATION

#### STEERING COLUMN

**NOTE** — The following procedures are performed with steering wheel and column switches removed. See Isuzu under STEERING WHEEL & COLUMN SWITCHES in this Section.

**Removal** — Remove flexible joint key bolt. Remove 2 column-to-dashboard bolts. Remove 2 column-to-instrument panel nuts. Remove steering column assembly from vehicle.

**Installation** — To install, reverse removal procedure, making sure that the 2 column-to-instrument panel nuts are not over tightened.

### OVERHAUL

#### STEERING COLUMN

**Disassembly** — Remove snap ring, washer and 3 retaining bolts from column flange and remove ignition lock cylinder housing. Using a screwdriver, pry out lower column (rubber) bushing. Remove steering shaft from column.

**Inspection** — Measure steering shaft from end to end. Total length of steering shaft should be 39.8" (1011 mm). Measure lower half of steering column as shown in Fig. 2. Lower half of column should be 9.02" (229 mm) in length.

**Reassembly** — To reassemble, reverse disassembly procedure.

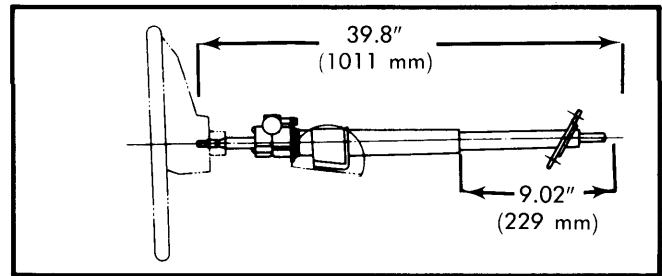


Fig. 2 Steering Column Length Measurement Points

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N·m)
Column-to-Instrument Panel NutsⓈ	11 (15)
Flexible Joint Key Bolt	19 (26)

Ⓢ — DO NOT OVER-TIGHTEN.