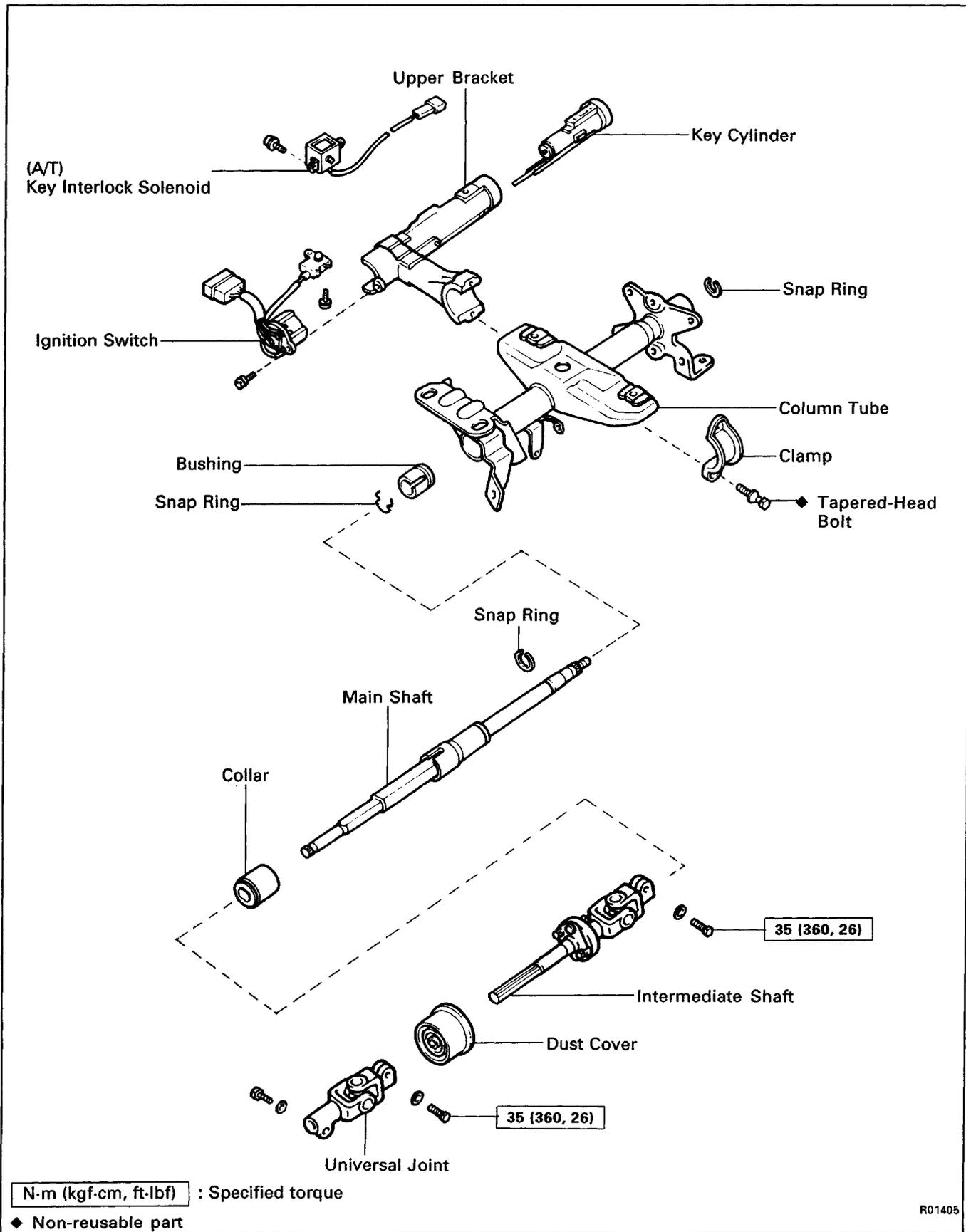
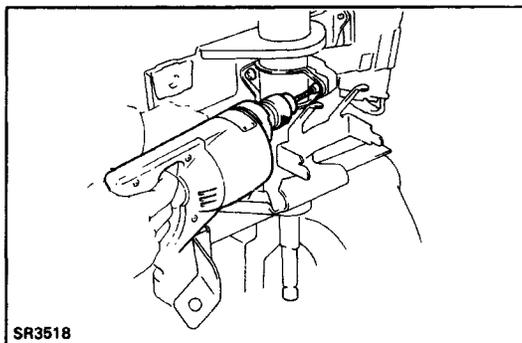


# Non-Tilt Steering Column COMPONENTS





SR3518

## DISASSEMBLY OF STEERING COLUMN

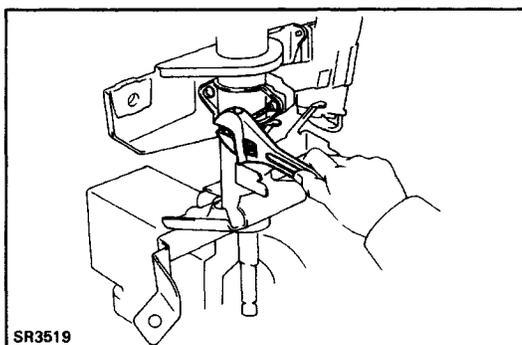
### 1. REMOVE INTERMEDIATE SHAFT

### 2. REMOVE DUST COVER

### 3. REMOVE UPPER BRACKET

(a) Using a centering punch, mark the center of the tapered-head bolts.

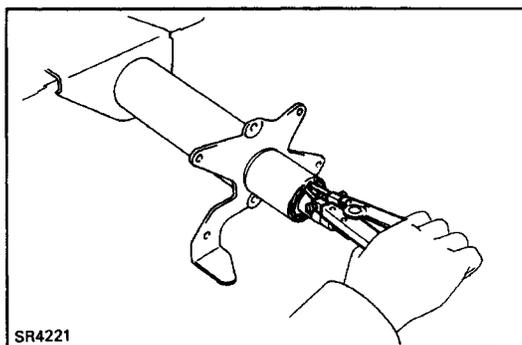
(b) Using a 3 – 4 mm (0.12 – 0.16 in.) drill, drill into the tapered-head bolts.



SR3519

(c) Using a screw extractor, remove the tapered-head bolts.

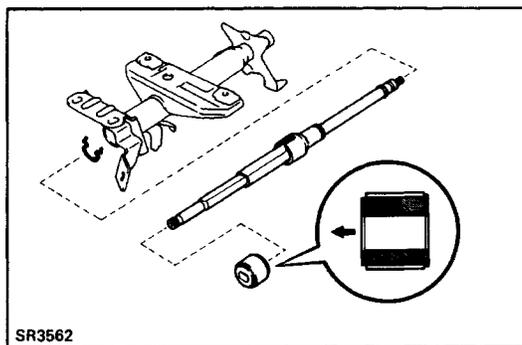
(d) Remove the two bolts and separate the upper bracket and column tube.



SR4221

### 4. PULL OUT MAIN SHAFT

(a) Using snap ring pliers, remove the snap ring.

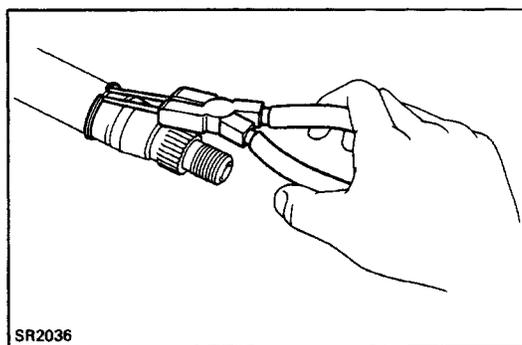


SR3562

(b) Remove the lower snap ring.

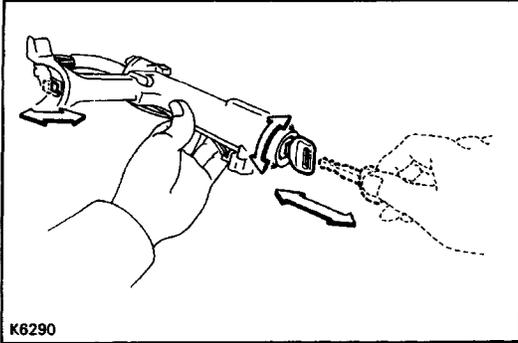
(c) Pull out the main shaft from the column tube.

(d) Remove the collar from the main shaft.



SR2036

(e) Using snap ring pliers, remove the snap ring.

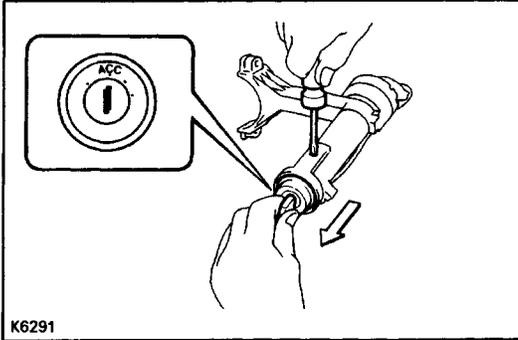


K6290

## INSPECTION AND REPLACEMENT OF STEERING COLUMN

### 1. INSPECT UPPER BRACKET

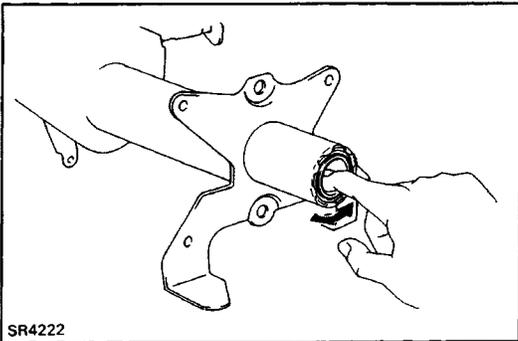
Check that the steering lock mechanism operates properly.



K6291

### 2. IF NECESSARY, REPLACE IGNITION KEY CYLINDER

- (a) Place the ignition key at the ACC position.
- (b) Push down the stop pin with a thin rod, and pull out the key cylinder.
- (c) Turn the ignition key to the ACC position, and install a new key cylinder into the upper bracket.

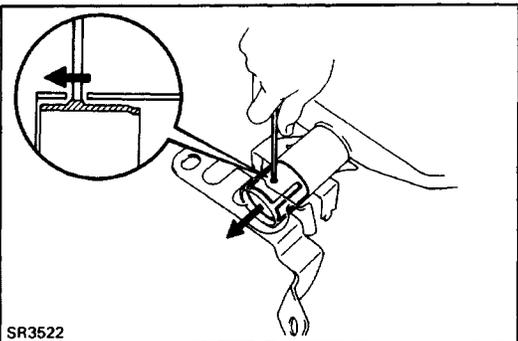


SR4222

### 3. INSPECT UPPER BEARING

Check the upper bearing rotation condition and check for abnormal noise.

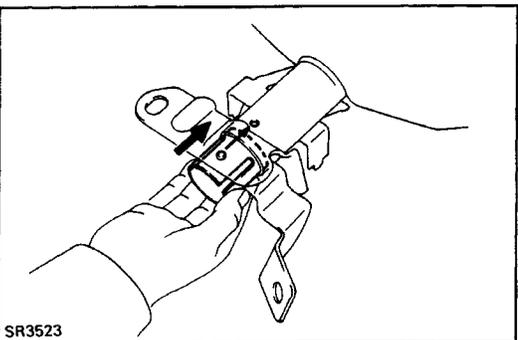
If the bearing is worn or damaged, replace the column tube assembly.



SR3522

### 4. IF NECESSARY, REPLACE BUSHING

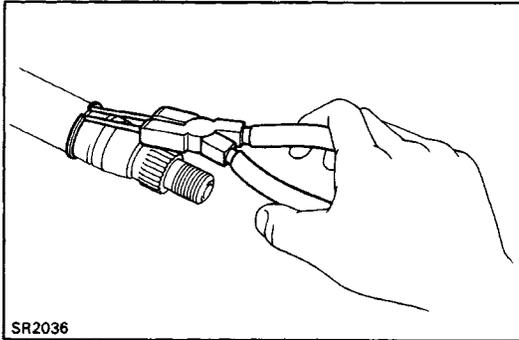
- (a) Using a screwdriver, remove the bushing.



SR3523

- (b) Align the holes of the tube and the projections of a new bushing, and install the bushing to the column tube.

### 5. INSPECT KEY INTERLOCK SOLENOID (See page AT-182)

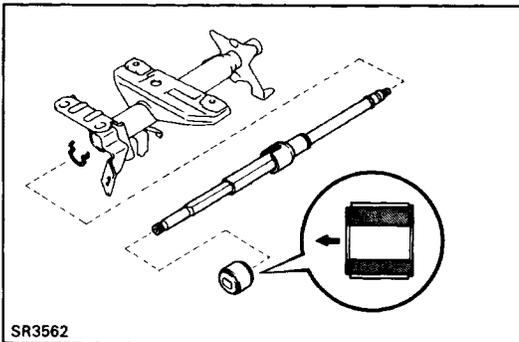


SR2036

## ASSEMBLY OF STEERING COLUMN (See page SR-7)

### 1. INSTALL MAIN SHAFT TO COLUMN TUBE

(a) Using snap ring pliers, install the snap ring in the lower groove of the main shaft.

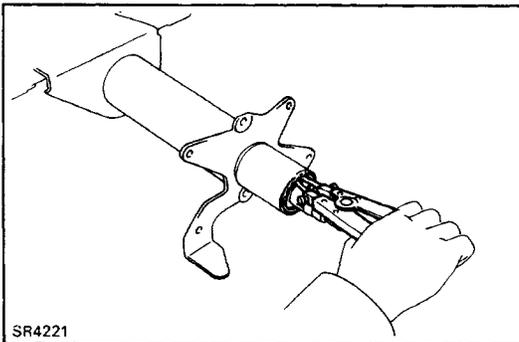


SR3562

(b) Install the collar to the main shaft.

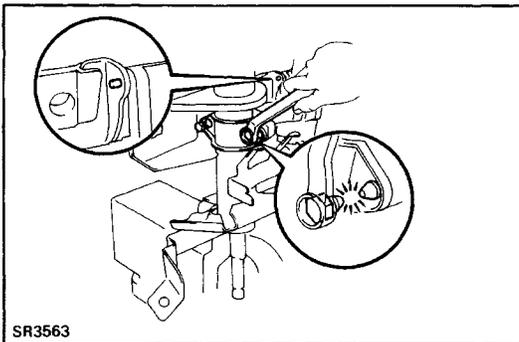
(c) Install the main shaft in the column tube.

(d) Install the lower snap ring.



SR4221

(e) Using snap ring pliers, install the upper snap ring.



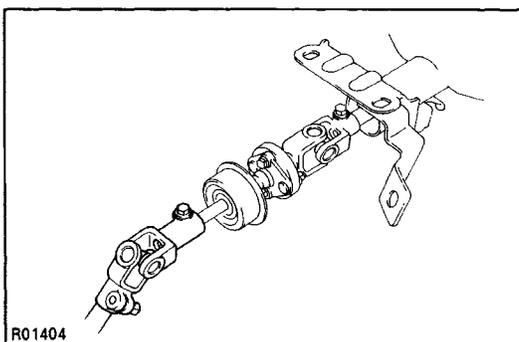
SR3563

### 2. INSTALL UPPER BRACKET TO COLUMN TUBE

(a) Install the upper bracket with two new tapered-head bolts.

HINT: Install the upper bracket pin into the column tube hole.

(b) Tighten the tapered-head bolts until the bolt heads break off.



R01404

### 3. INSTALL INTERMEDIATE SHAFT

Torque: 35 N-m (360 kgf-cm, 26 ft-lbf)