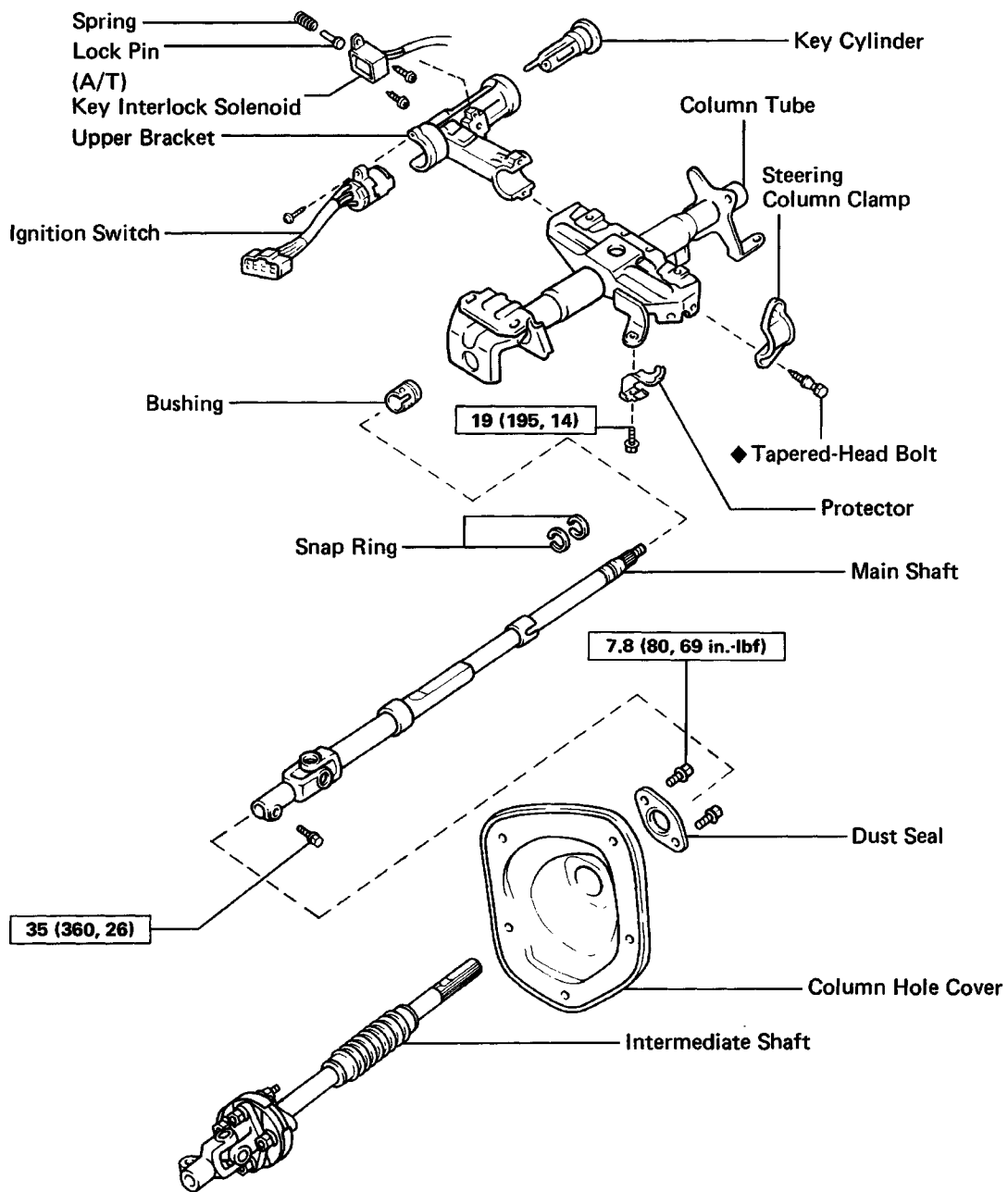


Non-Tilt Steering Column COMPONENTS



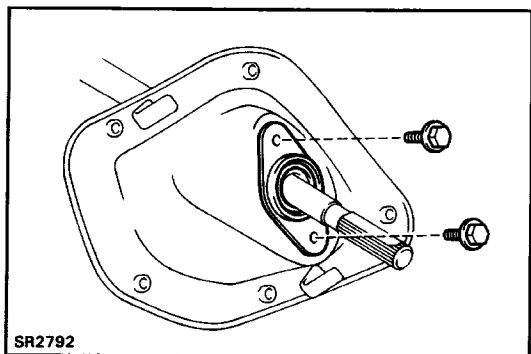
N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non-reusable part

DISASSEMBLY OF STEERING COLUMN

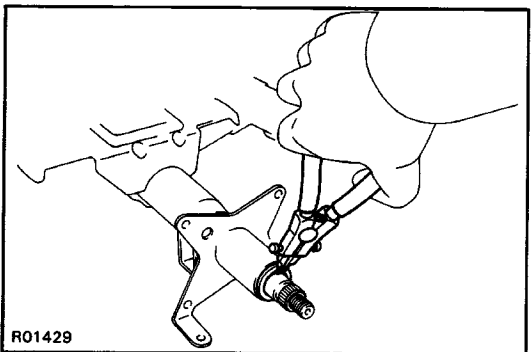
1. REMOVE COLUMN HOLE COVER

- (a) Disconnect the intermediate shaft from the main shaft.
- (b) Remove two bolts and the dust seal.
- (c) Remove the column hole cover.

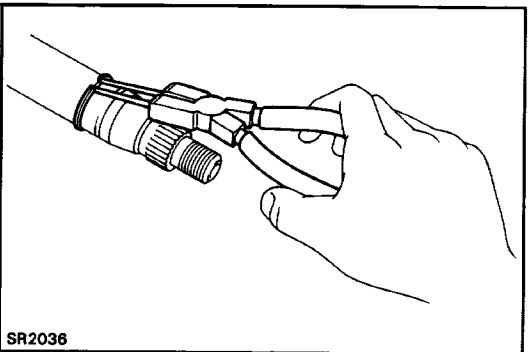


2. PULL OUT MAIN SHAFT

- (a) Using snap ring pliers, remove the snap ring.
- (b) Pull out the main shaft from the upper tube.
 - HINT: Do not place the ignition key at the LOCK position.

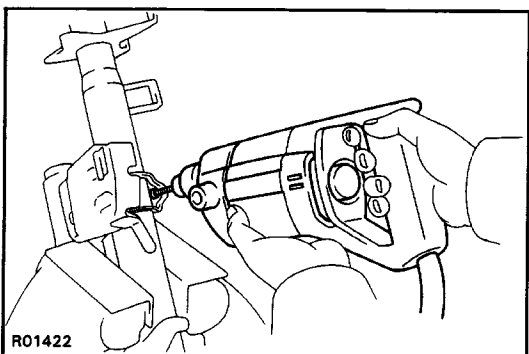


- (c) Using snap ring pliers, remove the snap ring.

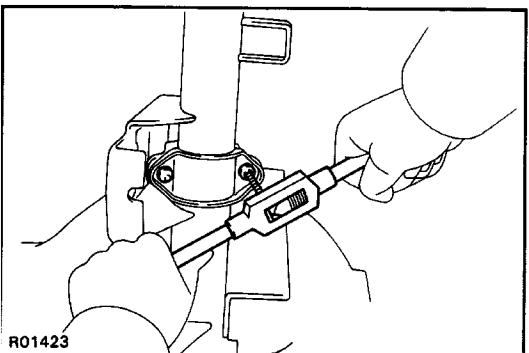


3. REMOVE UPPER BRACKET

- (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.



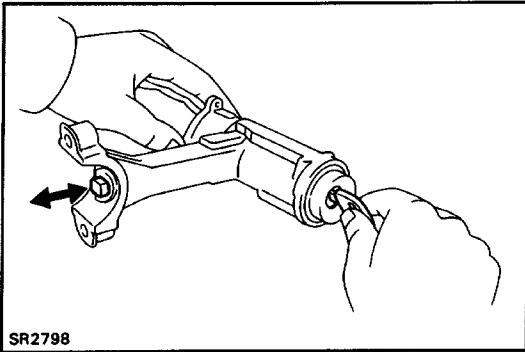
- (c) Using a screw extractor, remove the tapered-head bolts.
- (d) Remove the two bolts and separate the upper bracket and column tube.



INSPECTION AND REPLACEMENT OF NON-TILT STEERING COLUMN

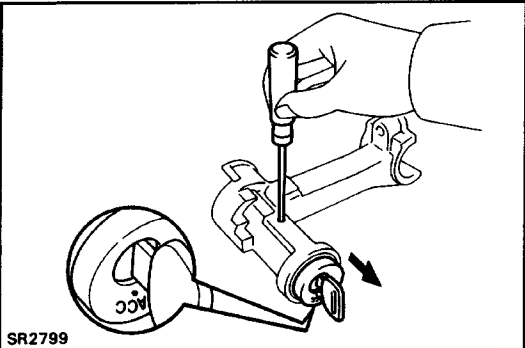
1. INSPECT UPPER BRACKET

Check that the steering lock mechanism operates properly.



2. IF NECESSARY, REPLACE IGNITION KEY CYLINDER

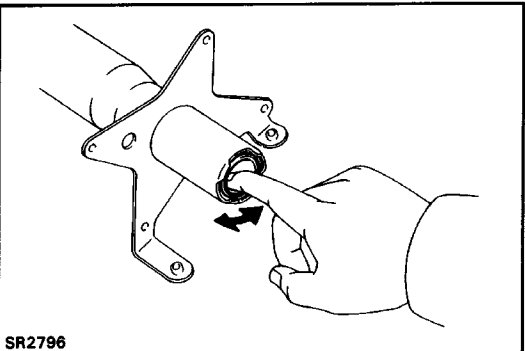
- (a) Place the ignition key at the ACC position.
- (b) Push down the stop key with a thin rod, and pull out the key cylinder.
- (c) Turn the ignition key plate to the ACC position, and install a new key cylinder into the upper bracket.



3. INSPECT UPPER BEARING

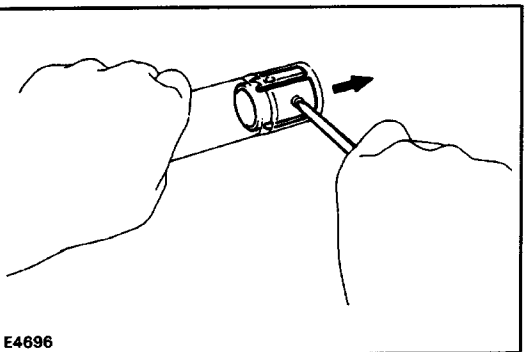
Check the upper bearing rotation condition and check for abnormal noise.

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



4. IF NECESSARY, REPLACE BUSHING

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



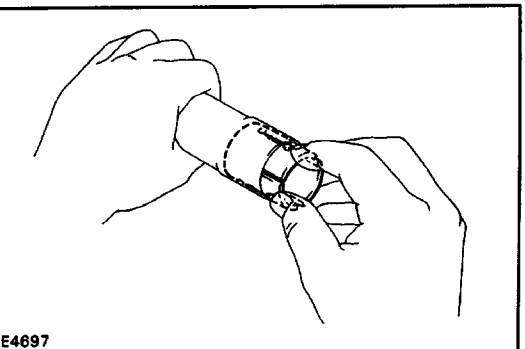
- (b) Align the holes of the tube and the projections of a new bushing, and insert the bushing to the column tube.

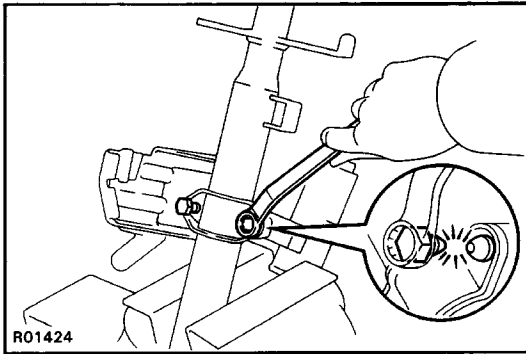
5. INSPECT KEY INTERLOCK SOLENOID

(See page [AT-213](#))

6. IF NECESSARY, REPLACE KEY INTERLOCK SOLENOID

(See page [SR-13](#))



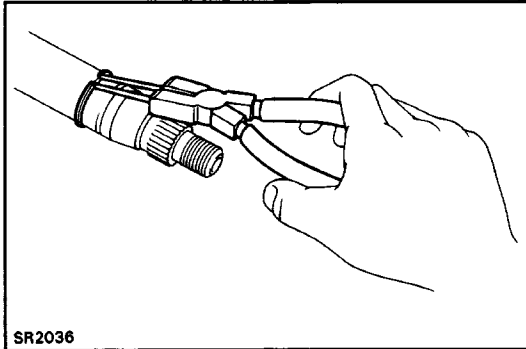


ASSEMBLY OF NON-TILT STEERING COLUMN

(See page [SR-5](#))

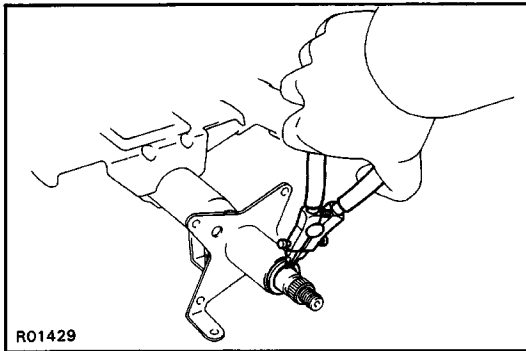
1. INSTALL UPPER BRACKET TO COLUMN TUBE

- (a) Install the upper bracket with two new tapered-head bolts.
- (b) Tighten the tapered-head bolts until the bolt heads break off.

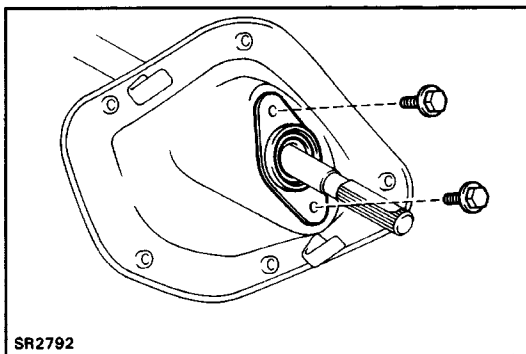


2. INSTALL MAIN SHAFT TO COLUMN TUBE

- (a) Using snap ring pliers, install the snap ring in the lower groove of the main shaft.
- (b) Install the main shaft in the column tube.
HINT: Do not place the ignition key at LOCK position.

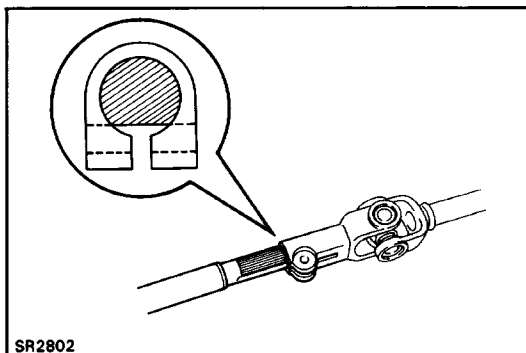


- (c) Using snap ring pliers, install the upper snap ring.



3. INSTALL COLUMN HOLE COVER

- (a) Install the intermediate shaft to the column hole cover.
- (b) Temporarily install the two bolts and dust seal.



4. CONNECT INTERMEDIATE SHAFT WITH MAIN SHAFT

- (a) Place the intermediate shaft in the universal joint as shown.
- (b) Temporarily install the bolt.
HINT: After install the column to the body, tighten the universal joint set bolt and dust seal bolts.