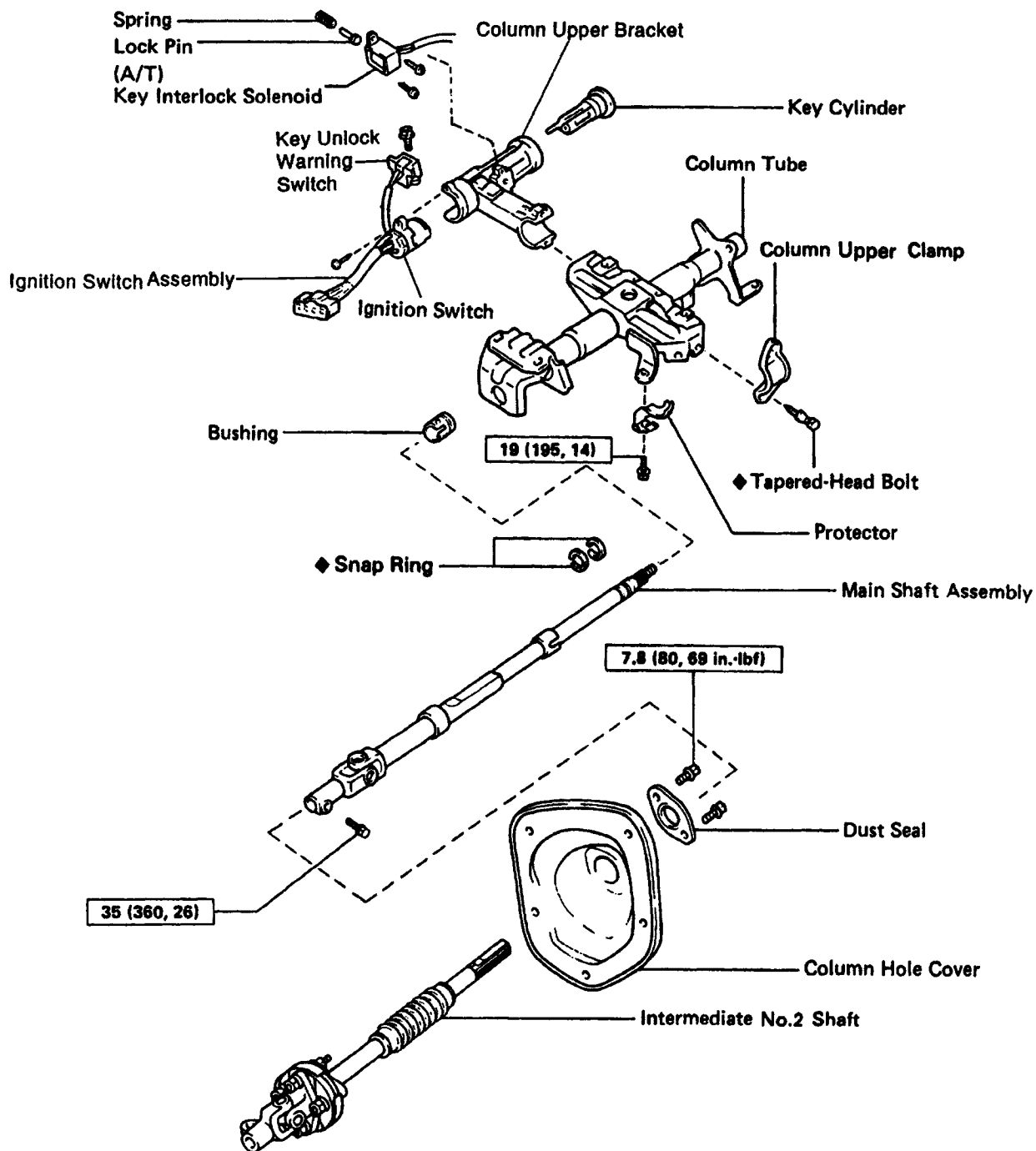


NON-TILT STEERING COLUMN COMPONENTS

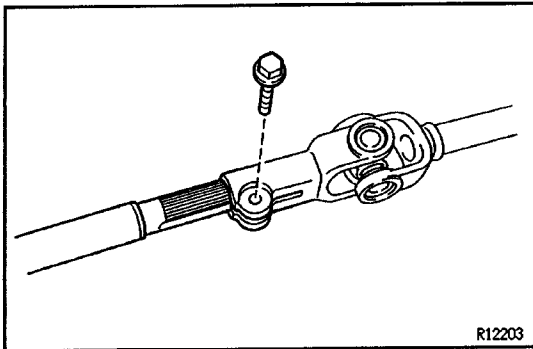


N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non-reusable part

R01437

Z14

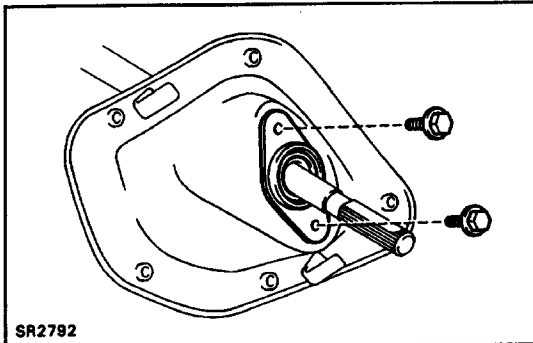


NON-TILT STEERING COLUMN DISASSEMBLY

NOTICE: When using a vise, do not overtighten it.

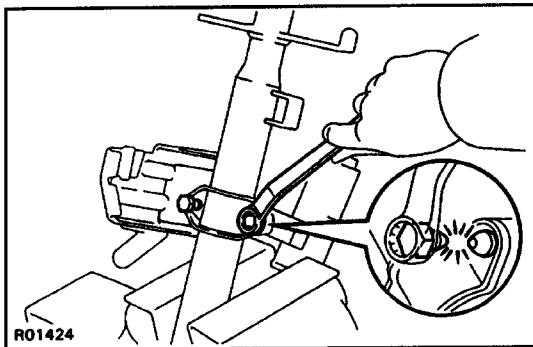
1. REMOVE INTERMEDIATE NO.2 SHAFT

Remove the bolt.



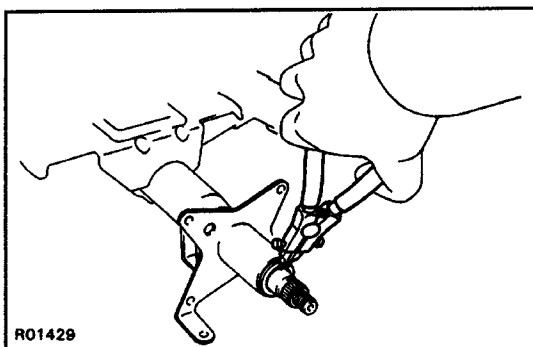
2. REMOVE COLUMN HOLE COVER

- (a) Remove the 2 bolts.
- (b) Remove the hole cover.



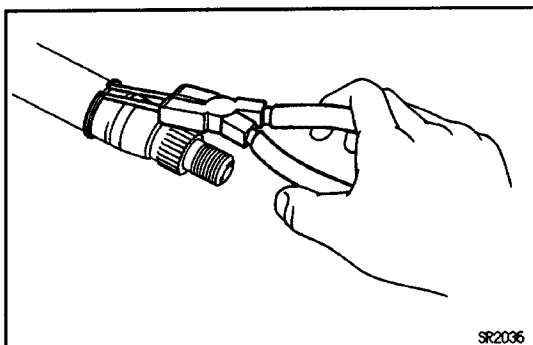
3. REMOVE COLUMN UPPER BRACKET AND COLUMN UPPER CLAMP

- (a) Using a centering punch, mark the center of the 2 tapered-head bolts.
- (b) Using a 3–4 mm (0.12–0.16 in.) drill, drill into the 2 bolts.
- (c) Using a screw extractor, remove the 2 bolts.

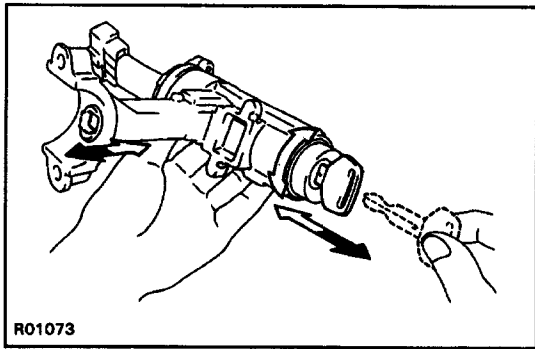


4. REMOVE MAIN SHAFT ASSEMBLY

- (a) Using snap ring pliers, remove the snap ring.
- (b) Pull out the main shaft from the column tube.



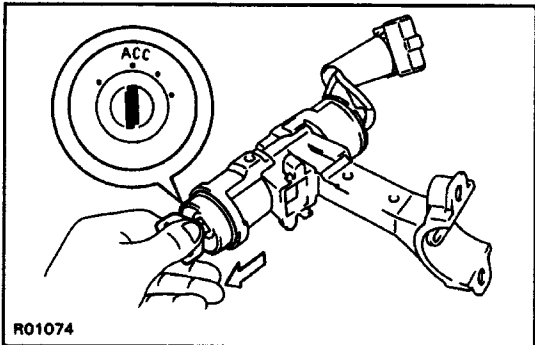
- (c) Using snap ring pliers, remove the snap ring.



STEERING COLUMN INSPECTION AND REPLACEMENT

1. INSPECT STEERING LOCK OPERATION

Check that the steering lock mechanism operates properly.



2. IF NECESSARY, REPLACE KEY CYLINDER

- Place the ignition key at the ACC position.
 - Push down the stop pin with a thin rod, and pull out the key cylinder.
 - Install a new key cylinder.
- HINT: Make sure the ignition key is at the ACC position.

3. INSPECT IGNITION SWITCH

(See page [BE-12](#))

4. INSPECT KEY UNLOCK WARNING SWITCH

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

5. A/T:

INSPECT KEY INTERLOCK SOLENOID

A340E, F: (See page [AT1-77](#))

A340H: (See page [AT2-77](#))

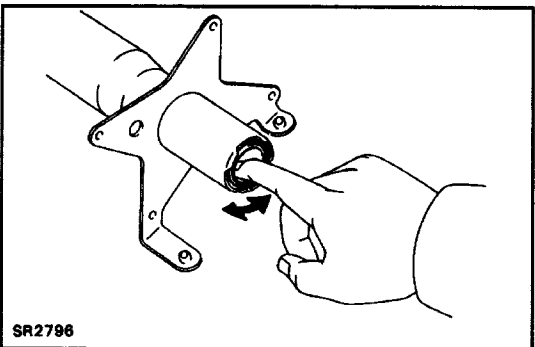
6. IF NECESSARY, REPLACE IGNITION SWITCH ASSEMBLY

M /T:

- Remove the 3 screws.
- Install a new switch assembly with the 3 screws.

A/T:

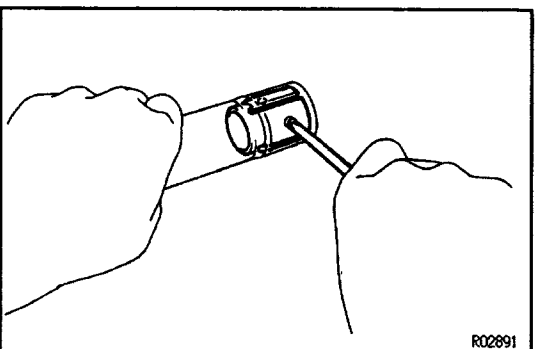
- Remove the 5 screws.
- Remove/install the spring and lock pin.
- Install a new switch assembly with the 5 screws.



7. INSPECT BEARING

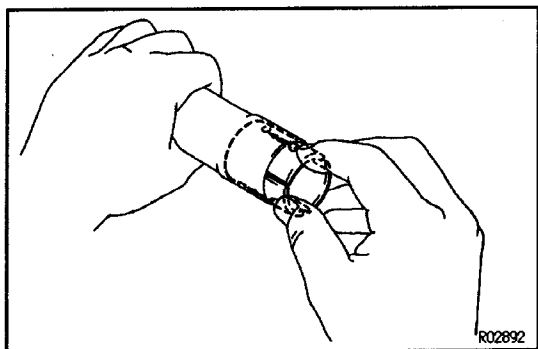
Check the bearing rotation condition and check for abnormal noise.

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

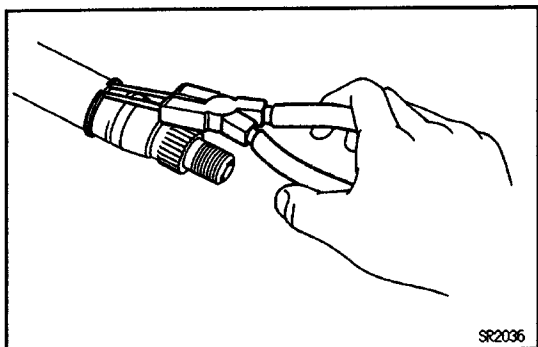


8. IF NECESSARY, REPLACE BUSHING

- Using a screwdriver, depress the projections on the bushing to release the bushing, then remove it from the column tube.



- (b) Align the projections on a new bushing with the holes in the column tube. Install the bushing until the projections are firmly engaged in the holes in the tube.

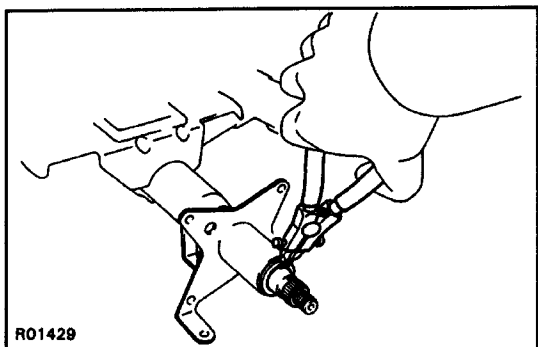


NON-TILT STEERING COLUMN ASSEMBLY

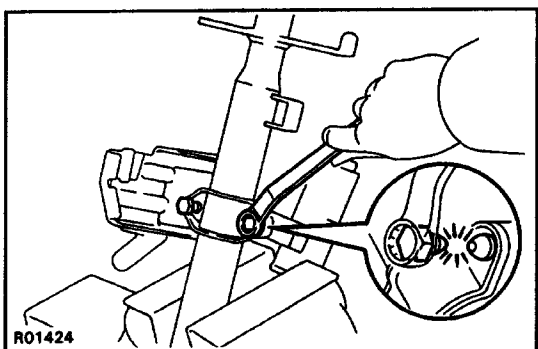
NOTICE: When using a vise, do not overtighten it.

1. INSTALL MAIN SHAFT ASSEMBLY

- (a) Using snap ring pliers, install a new snap ring to the lower groove of the main shaft assembly.
 (b) Install the shaft assembly in the column tube.

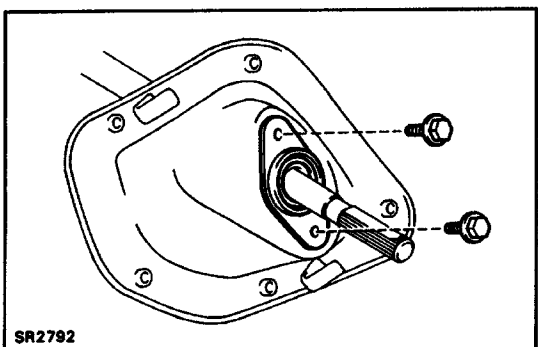


- (c) Using snap ring pliers, install a new snap ring to the shaft assembly.



2. INSTALL COLUMN UPPER BRACKET AND COLUMN UPPER CLAMP

Tighten 2 new tapered – head bolts until the bolt heads breaks off.



3. INSTALL COLUMN HOLE COVER

- (a) Install the column hole cover to the intermediate No.2 shaft.
 (b) Torque the 2 bolts.

Torque: 7.8 N-m (80 kgf-cm, 69 in-lbf)

4. INSTALL INTERMEDIATE NO.2 SHAFT

Temporarily tighten the bolt.