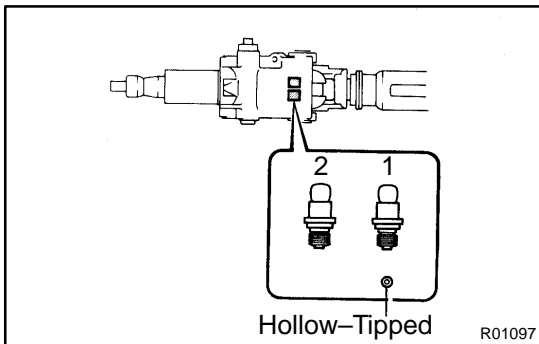
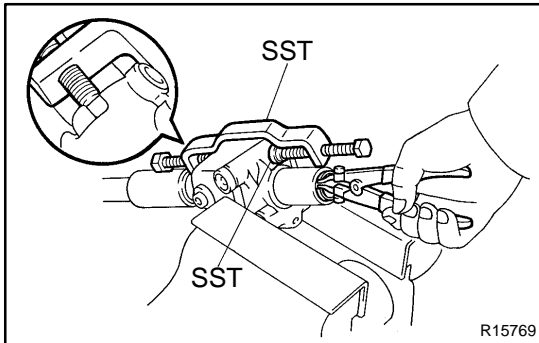


REASSEMBLY

NOTICE:

When using a vise, do not overtighten it.

1. **COAT WITH MOLYBDENUM DISULFIDE LITHIUM BASE GREASE (See page SR-9)**
2. **INSTALL MAIN SHAFT**
 - (a) Install a new bearing, thrust collar and compression spring to the main shaft.
 - (b) Install the main shaft into the column upper tube.
 - (c) Using SST to compress the compression spring.
SST 09950-40011 (09957-04010, 09958-04010)
 - (d) Using a snap ring expander, install a new snap ring.
3. **INSTALL TILT MEMORY BOLT**
 - (a) Install the square nut and tilt memory bolt.
 - (b) Using a hexagon wrench, torque the tilt memory bolt.
Torque: 6.4 N·m (65 kgf·cm, 56 in.-lbf)

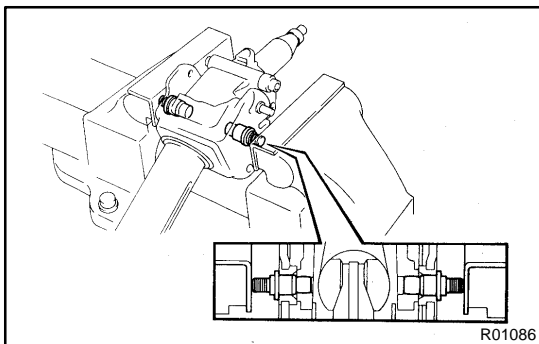


4. SELECT 2 TILT STEERING BOLTS

Select the bolt with the plain thread end when the column upper tube mark is 2, and the bolt with the hollow-tipped thread end when the mark is 1.

NOTICE:

Select the bolt type to match each number marked in the squares on the upper tube.



5. INSTALL COLUMN UPPER TUBE WITH MAIN SHAFT

- (a) Install the column upper tube with main shaft into the column lower tube.
- (b) Using a vise, press in the 2 tilt steering bolts.

HINT:

Make sure the upper tube turns smoothly.

6. INSTALL TILT LEVER LOCK SHAFT, TILT LEVER ASSEMBLY, TILT SUB LEVER AND TILT LEVER

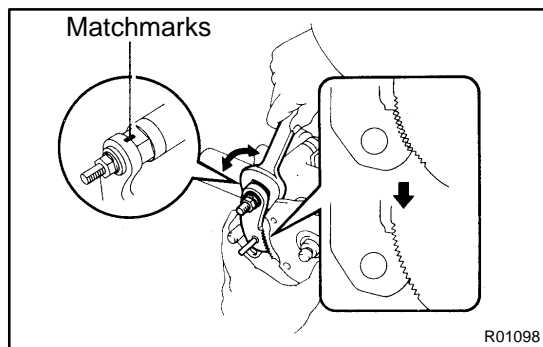
7. INSTALL 2 TILT PAWLS

- (a) Install the tilt pawl to the column upper tube.

HINT:

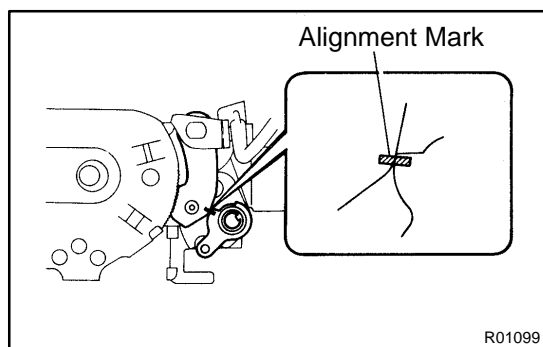
Install the pawl pin into the long hole of the tilt lever/ tilt sub lever.

- (b) Install the bolt through the tilt pawls and tilt lever assembly.
- (c) Temporarily install the washer and nut.
- (d) Torque the tilt lever assembly set bolt.
Torque: 2.9 N·m (30 kgf·cm, 26 in.-lbf)

**8. ENGAGE AND ADJUST 2 TILT PAWLS**

- Engage the tilt sub lever side pawl to the center of the ratchet.
- While turning the tilt lever side collar of the tilt pawl, completely engage the tilt lever side pawl to the ratchet.
- Torque the nut.

Torque: 5.9 N·m (60 kgf·cm, 52 in.-lbf)

**9. SELECT 2 PAWL STOPPERS**

- With the tilt pawl and ratchet engaged, install the pawl stopper.
- Check that the alignment marks on the stopper and pawl align when the stopper is lightly rotated to the pawl side.
- If the alignment marks do not align, select pawl stopper according to the following table.

Tilt lever side	Tilt sub lever side	Dimension "A" mm (in.)
1	A	12.68 – 12.74 (0.4992 – 0.5016)
2	B	12.61 – 12.67 (0.4965 – 0.4988)
3	C	12.54 – 12.60 (0.4937 – 0.4961)
4	D	12.47 – 12.53 (0.4909 – 0.4933)
5	E	12.40 – 12.46 (0.4882 – 0.4906)
6	F	12.33 – 12.39 (0.4854 – 0.4878)
7	G	12.26 – 12.32 (0.4827 – 0.4850)

- After selecting the stoppers, check that on both sides the pawl and ratchet are fully engaged.

10. INSTALL 2 PAWL STOPPERS**11. INSTALL TILT LEVER RETAINER OF TILT LEVER SIDE**

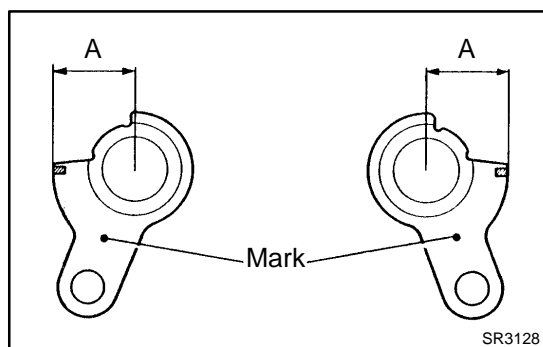
- Install a new E-ring.
- Install and torque the nut to the tilt steering bolt.

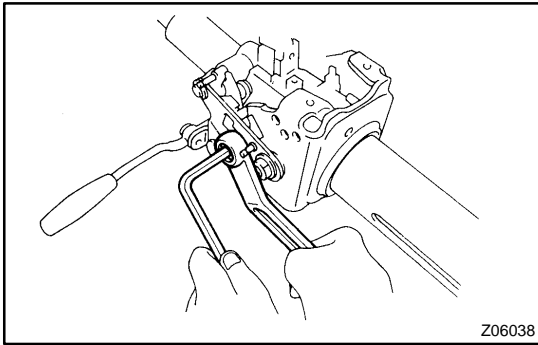
Torque: 15 N·m (150 kgf·cm, 11 ft-lbf)

12. INSTALL TILT LEVER RETAINER OF TILT SUB LEVER SIDE

- Install the collar to the tilt memory bolt.
- Install the spacer and a new E-ring.
- Install and torque the nut to the tilt steering bolt.

Torque: 15 N·m (150 kgf·cm, 11 ft-lbf)





- (d) Using a hexagon wrench to hold the tilt memory bolt, and torque the nut.

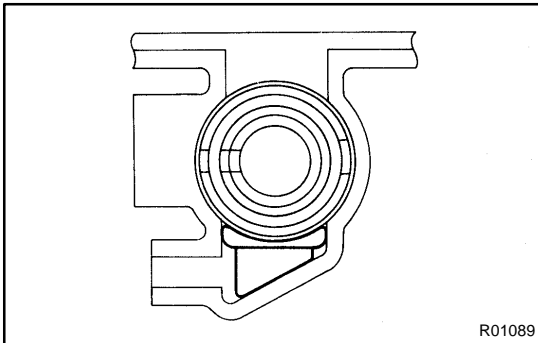
Torque: 5.9 N·m (60 kgf·cm, 52 in.-lbf)

13. INSTALL 3 TENSION SPRINGS

14. INSTALL COMPRESSION SPRING

- (a) Install the 2 bushings to the spring.
(b) Install the spring and torx bolt.
(c) Using a torx socket wrench, torque the bolt.

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



15. INSTALL 2 LOCK WEDGES TO BREAKAWAY BRACKET

NOTICE:

Make sure that no grease gets on the contact surface between the lock wedge and the column lower tube.

16. INSTALL BREAKAWAY BRACKET

- (a) Install the steering shaft thrust stopper.
(b) Install the breakaway bracket to the main shaft.

NOTICE:

Be careful that the spline part of the main shaft does not separate.

- (c) Using a snap ring expander, install a new snap ring to the main shaft.

- (d) Install the column tube stopper bolt.

Torque: 19 N·m (195 kgf·cm, 14 ft-lbf)

17. INSTALL TELESCOPIC LEVER LOCK BOLT

- (a) Pull the steering column tube away from the breakaway bracket and facing the body installation surface of the breakaway bracket upward, temporarily install the lock bolt.

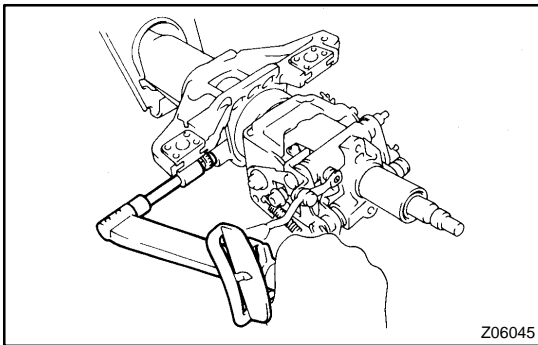
- (b) Install a double nut on the lock bolt.

- (c) Torque to 16 N·m (160 kgf·cm, 12 ft-lbf), loosen once, then torque again to 7.4 N·m (75 kgf·cm, 65 in.-lbf).

18. INSTALL TELESCOPIC LEVER

- (a) Install the compression spring and ball.
(b) Install the washer, lever, collar and bolt.

Torque: 25 N·m (260 kgf·cm, 19 ft-lbf)



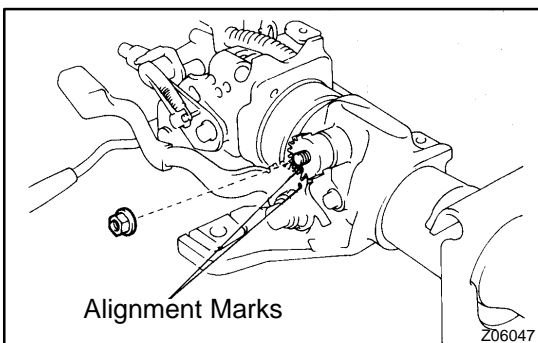
19. INSTALL TELESCOPIC LEVER SERRATED ATTACHMENT

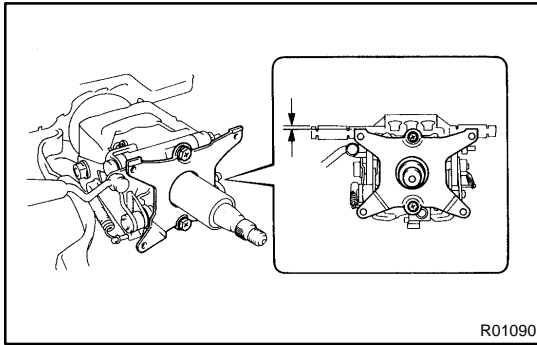
- (a) Rotate the telescopic lever until it touches the breakaway bracket.

- (b) Install the serrated attachment so that the alignment marks on the telescopic lever and the serrated attachment align.

- (c) Torque the nut.

Torque: 13 N·m (130 kgf·cm, 9 ft-lbf)



**20. INSTALL CONNECTOR BRACKET**

Torque the 2 bolts.

Torque: 4.9 N·m (50 kgf·cm, 43 in.-lbf)

21. INSTALL PROTECTOR

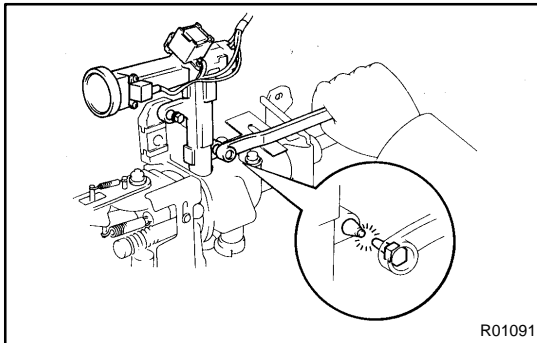
Tighten the 2 screws.

22. INSTALL TURN SIGNAL BRACKET

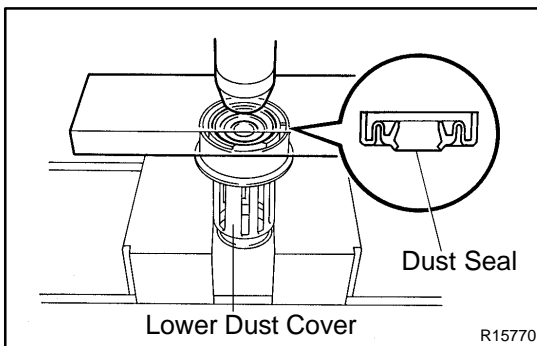
Tighten the 2 screws.

HINT:

Install the turn signal bracket so that its upper surface is parallel with upper surface of the capsule of the breakaway bracket.

**23. INSTALL COLUMN UPPER BRACKET**

- Install the column upper bracket with 2 new tapered-head bolts.
- Tighten the 2 tapered-head bolts until the bolt heads break off.

**24. INSTALL LOWER DUST COVER**

- Using a press and wooden plate, install the dust seal.

NOTICE:

Make sure to install the dust seal facing the correct direction.

- Install the lower dust cover and clip.

25. INSTALL SLIDING YOKE

- Align the matchmarks on the sliding yoke and main shaft.
- Torque the bolt.

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

26. INSTALL IGNITION KEY CYLINDER ILLUMINATION**27. CHECK TILT OPERATION**

- Check that there is not axial play at the end of the main shaft.
- With the main shaft in the neutral position, push the tilt lever and check that the main shaft rises to the uppermost position.
- Lower the main shaft, and check that it locks in the uppermost position.

28. CHECK TELESCOPIC OPERATION

- Check that there is no axial play when the lever is turned fully counterclockwise.
- Check that the main shaft moves smoothly when the lever is turned clockwise.