

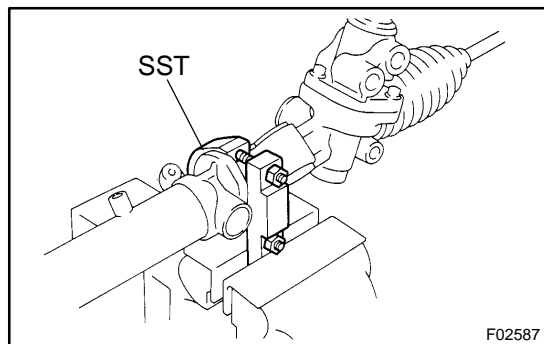
DISASSEMBLY

NOTICE:

When using a vise, do not overtighten it.

1. REMOVE 2 TURN PRESSURE TUBES

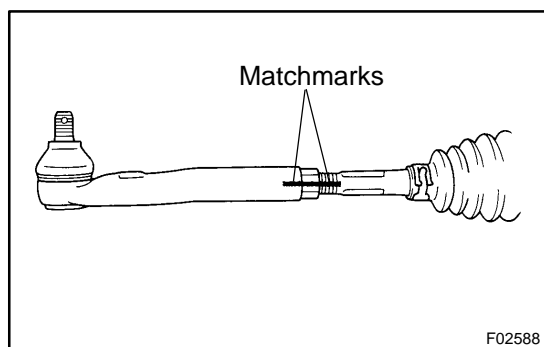
- Using SST, remove the 2 turn pressure tubes.
SST 09023-38200
- Remove the 2 union seats from the rack housing.



2. SECURE PS GEAR ASSEMBLY IN VISE

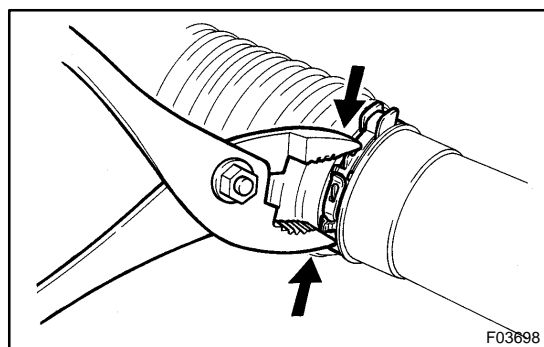
Using SST, secure the PS gear assembly in a vise, as shown in the illustration.

SST 09612-00012



3. REMOVE RH AND LH TIE ROD ENDS AND LOCK NUTS

- Place matchmarks on the tie rod end and rack end.
- Loosen the lock nut, and remove the tie rod end and lock nut.
- Employ the same manner described above to the other side.



4. REMOVE RH AND LH CLIPS, RACK BOOTS AND CLAMPS

- Using pliers, loosen the clamp, as shown in the illustration.

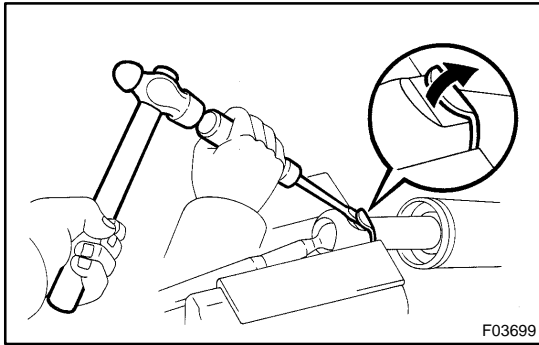
NOTICE:

Be careful not to damage the boot.

- Remove the clip and rack boot.
- Employ the same manner described above to the other side.

HINT:

Mark the RH and LH rack boot.

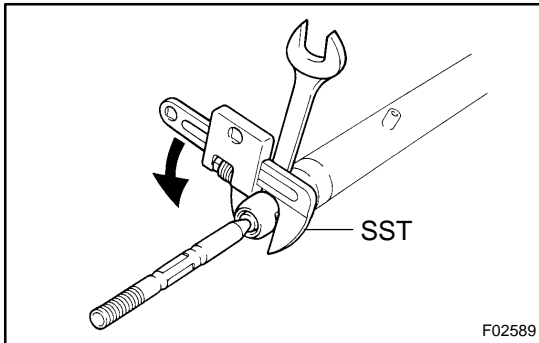


5. REMOVE RH AND LH RACK ENDS AND CLAW WASHERS

- (a) Using a screwdriver and a hammer, unstake the claw washer.

NOTICE:

Avoid any impact to the steering rack.



- (b) Using a spanner, hold the steering rack steadily, and using SST, remove the rack end.

SST 09922-10010

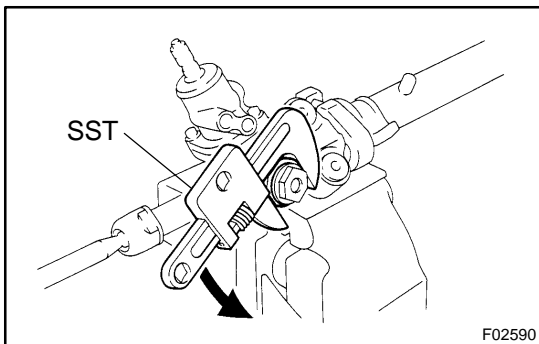
NOTICE:

Use SST 09922-10010 in the direction shown in the illustration.

- (c) Remove the claw washer.
(d) Employ the same manner described above to the other side.

HINT:

Mark the RH and LH rack ends.



6. REMOVE RACK GUIDE SPRING CAP LOCK NUT

Using SST, remove the rack guide spring cap lock nut.

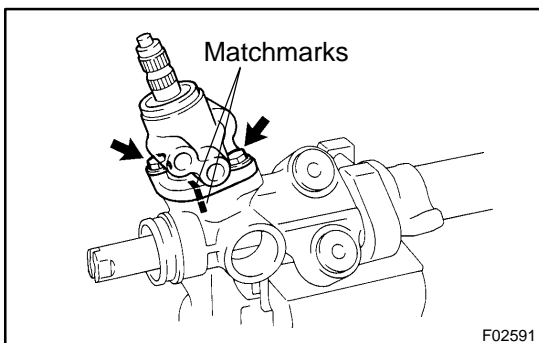
SST 09922-10010

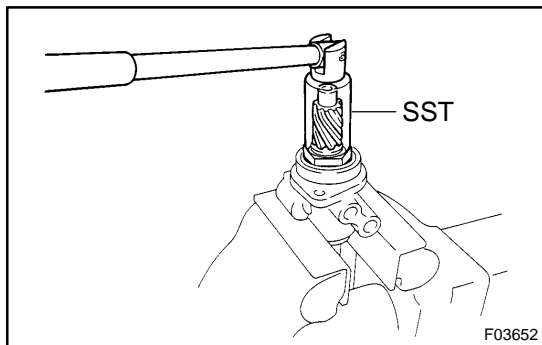
NOTICE:

Use SST 09922-10010 in the direction shown in the illustration.

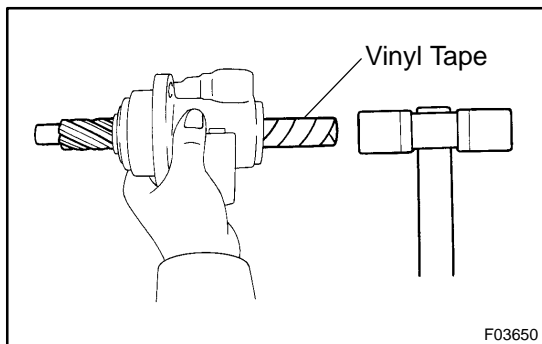
7. REMOVE RACK GUIDE SPRING CAP
8. REMOVE RACK GUIDE SPRING AND RACK GUIDE SUB-ASSEMBLY
9. REMOVE DUST COVER
10. REMOVE CONTROL VALVE HOUSING WITH CONTROL VALVE ASSEMBLY

- (a) Place matchmarks on the control valve housing and rack housing.
(b) Remove the 2 bolts.
(c) Pull out the control valve assembly with the valve housing.
(d) Remove the O-ring from the rack housing.



**11. REMOVE CONTROL VALVE ASSEMBLY**

- (a) Using SST, loosen the bearing guide nut.
SST 09631-20060



- (b) Wind vinyl tape to the control valve shaft.
(c) Using a plastic hammer, tap out the control valve assembly with the bearing guide nut from the control valve housing.

NOTICE:

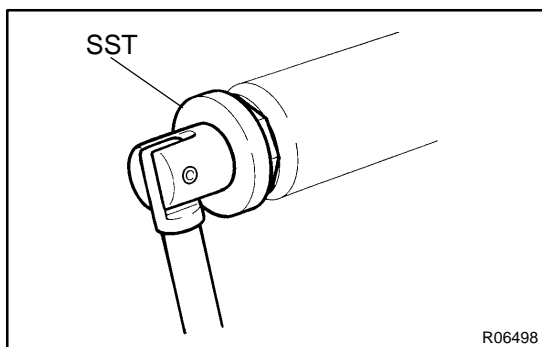
Be careful not to damage the oil seal lip.

- (d) Remove the bearing guide nut from the control valve assembly.

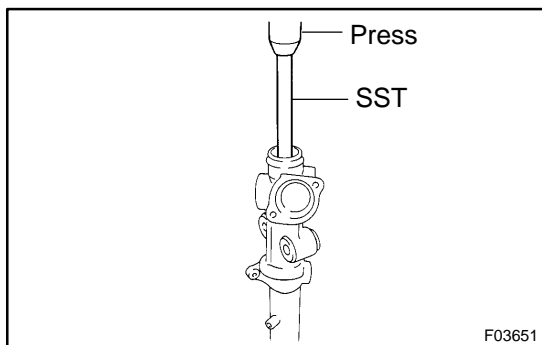
NOTICE:

Be careful not to damage the oil seal lip.

- (e) Remove the O-ring from the bearing guide nut.

**12. REMOVE CYLINDER END STOPPER AND SPACER**

- (a) Using SST, remove the cylinder end stopper.
SST 09631-20090
(b) Remove the O-ring from the cylinder end stopper stopper.

**13. REMOVE STEERING RACK AND OIL SEAL**

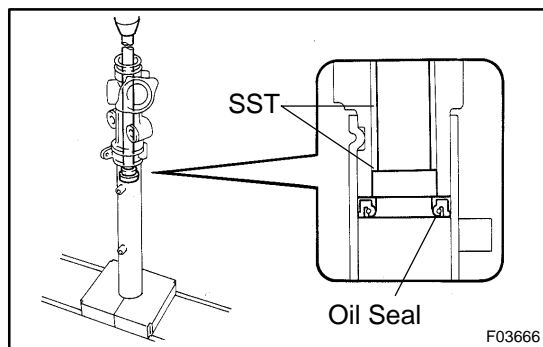
- (a) Using SST, press out the steering rack and oil seal.

NOTICE:

Take care not to drop the steering rack.

SST 09950-70010 (09951-07200)

- (b) Remove the oil seal from the steering rack.

**14. REMOVE OIL SEAL**

Using SST, press out the oil seal.

SST 09950-60010 (09951-00280),
09950-70010 (09951-07360)