

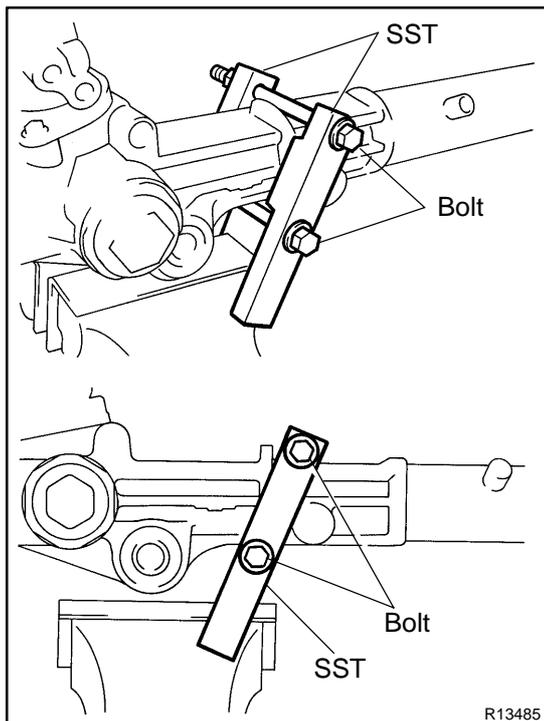
DISASSEMBLY

NOTICE:

When using a vise, do not overtighten it.

1. REMOVE 2 TURN PRESSURE TUBES

- (a) Using SST, remove the 2 turn pressure tubes.
SST 09023-38200
- (b) Remove the 2 union seats from the rack housing.
- (c) Remove the 2 union seats from the control valve housing.



2. SECURE PS GEAR ASSEMBLY IN VISE

Using SST and 2 bolts, secure the gear assembly in a vise, as shown in the illustration.

SST 09612-00012

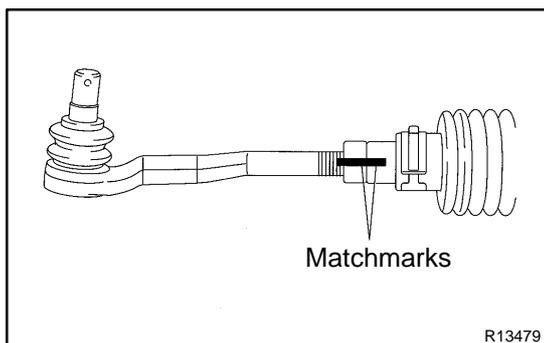
Reference:

Bolt: 90105-10346

Nut: 90170-10198

HINT:

Use 2 of the same type of SST.



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

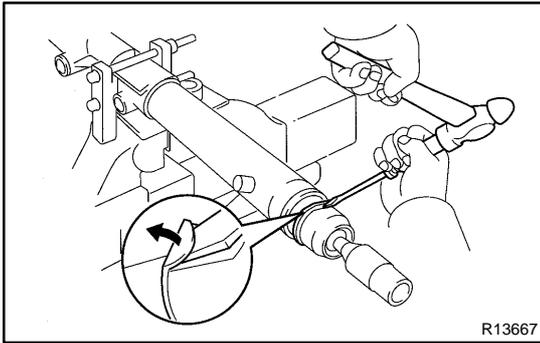
- (a) Place matchmarks on the tie rod end and rack end.
- (b) Loosen the lock nut, and remove the tie rod end and lock nut.
- (c) Employ the same manner described above to the other side.

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

- (a) Remove the screw and loosen the clamp.
- (b) Remove the clip, rack boot and clamp.
- (c) Employ the same manner described above to the other side.

NOTICE:

Be careful not to damage the boot.

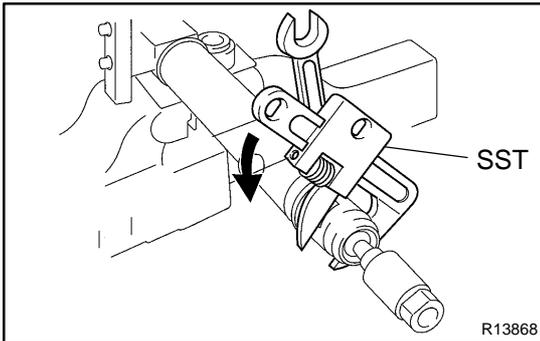


5. REMOVE RH AND LH RACK ENDS AND CLAW WASHERS

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

NOTICE:

Avoid any impact to the steering rack.



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

SST 09922-10010

NOTICE:

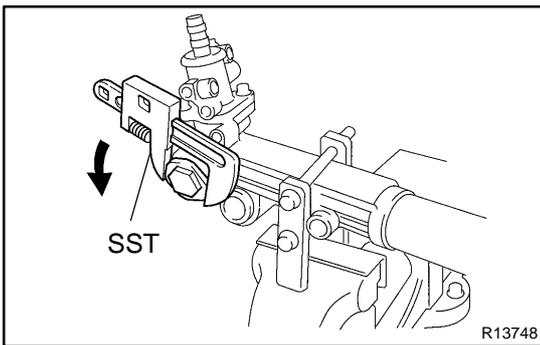
Use SST 09922-10010 in the direction shown in the illustration.

(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, RACK GUIDE AND RACK GUIDE SEAT

9. REMOVE DUST COVER

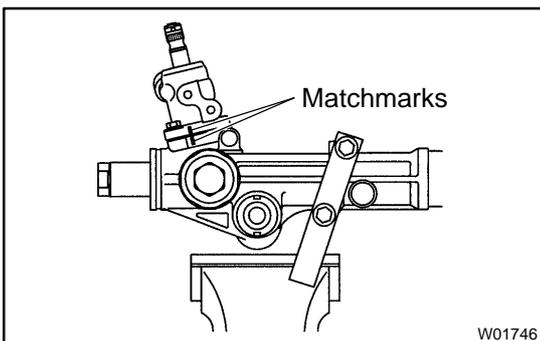
10. REMOVE CONTROL VALVE HOUSING WITH CONTROL VALVE ASSEMBLY

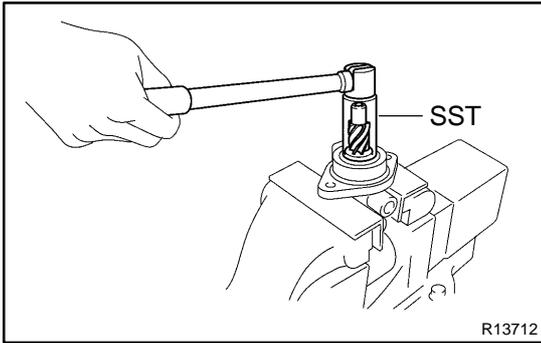
(a) Place matchmarks on the control valve housing and rack housing.

(b) Remove the 2 bolts.

(c) Pull out the control valve housing with the control valve assembly.

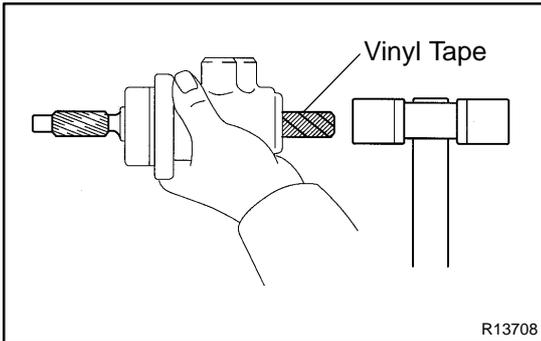
(d) Remove the O-ring from the rack housing.





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:

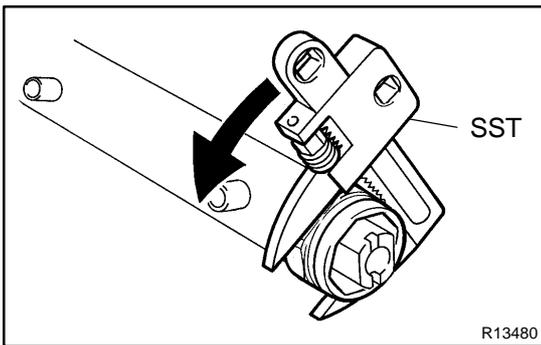
Be careful not to damage the oil seal lip.

- (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.



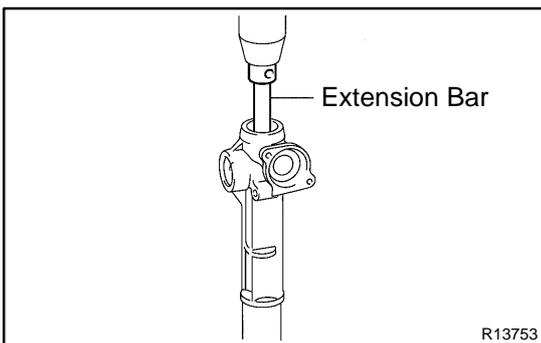
12. REMOVE CYLINDER END STOPPER

- (a) Using SST, remove the cylinder end stopper.
SST 09922-10010

NOTICE:

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

- (b) Remove the O-ring from the cylinder end stopper.



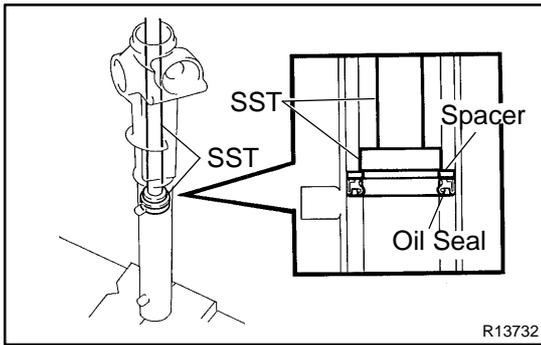
13. REMOVE STEERING RACK AND OIL SEAL

- (a) Using an extension bar and socket wrench (24 mm), press out the rack and oil seal.

NOTICE:

Take care not to drop the rack.

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

**14. REMOVE OIL SEAL AND SPACER**

Using SST, press out the oil seal and spacer.

SST 09950-60010 (09951-00360),
09950-70010 (09951-07360)