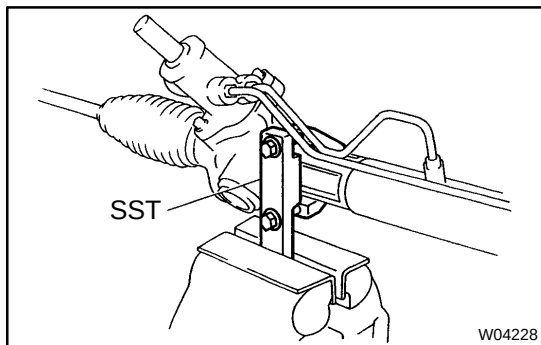




DISASSEMBLY

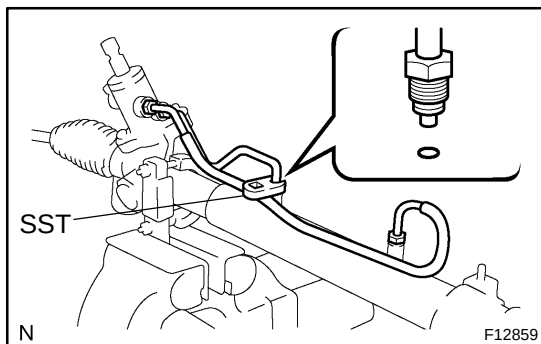
NOTICE:

When using a vise, do not overtighten it.

1. SECURE PS GEAR ASSEMBLY IN VISE

Using SST, secure the ps gear assembly in a vise.

SST 09612-00012

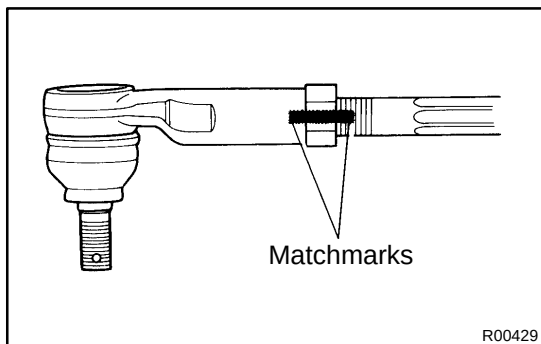


2. REMOVE 2 TURN PRESSURE TUBES

(a) Using SST, remove the tube.

SST 09023-38200

(b) Remove the 4 O-rings from the 2 turn pressure tubes.

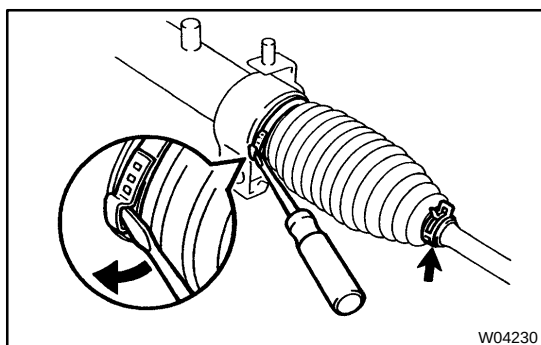


3. REMOVE RH AND LH TIE ROD ENDS AND LOCK NUTS

(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) Using a screwdriver, loosen the clamp.

NOTICE:

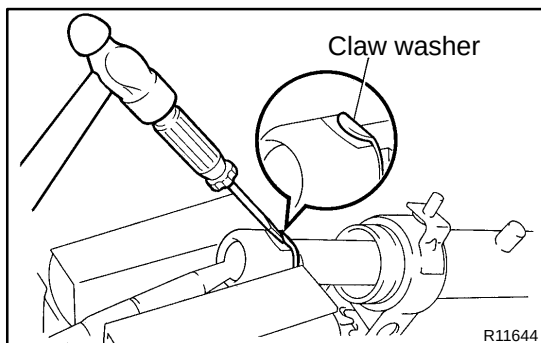
Be careful not to damage the boot.

(b) Remove the clip and rack boot.

(c) Employ the same manner described above to the other side.

HINT:

Mark the RH and LH rack boot.

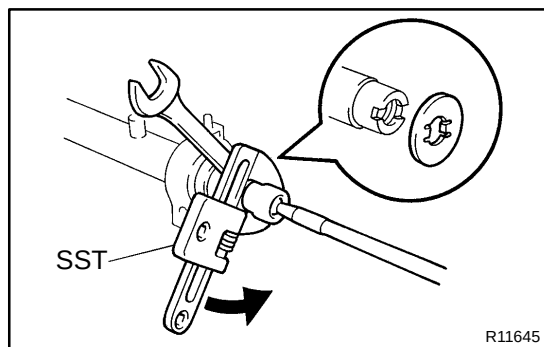


5. REMOVE RH AND LH RACK ENDS AND CLAW WASHERS

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

NOTICE:

Avoid any impact on the steering rack.



- (b) Using a spanner (24 mm) to hold the steering rack steadily and using SST, remove the rack end.

SST 09922-10010

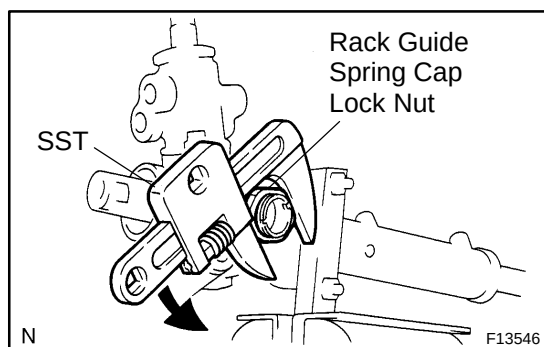
NOTICE:

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

- (c) Remove the claw washer from the rack end.
(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

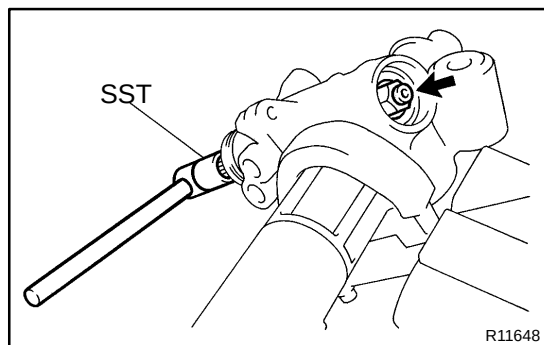
NOTICE:

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

7. REMOVE RACK GUIDE SPRING CAP, RACK GUIDE SPRING, RACK GUIDE SUB-ASSEMBLY

- (a) Using a hexagon wrench (21 mm), remove the rack guide spring cap.
(b) Remove the rack guide spring and rack guide sub-assembly.

8. REMOVE RACK HOUSING CAP

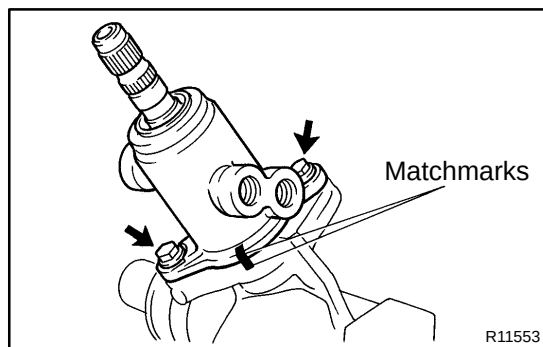


9. REMOVE SELF-LOCKING NUT

Using SST, stop the control valve shaft rotating and remove the self-locking nut.

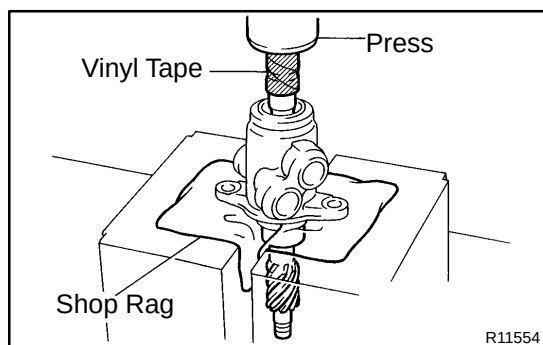
SST 09616-0001 1

10. REMOVE DUST COVER



11. REMOVE CONTROL VALVE HOUSING WITH CONTROL VALVE ASSEMBLY

- Place matchmarks on the control valve housing and rack housing.
- Remove the 2 bolts and control valve housing.
- Remove the gasket from the rack housing.



12. REMOVE CONTROL VALVE ASSEMBLY

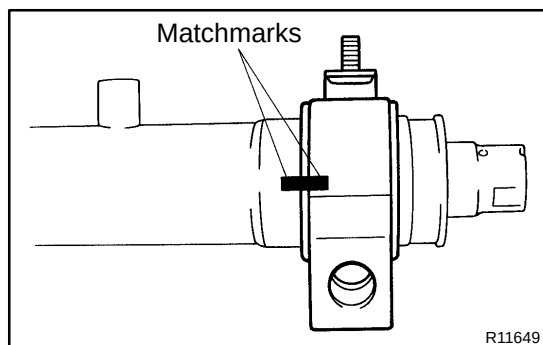
- To prevent oil seal lip damage, wind vinyl tape on the serrated part of the control valve shaft.
- Press out the control valve assembly with the oil seal.

NOTICE:

- Place a shop rag between the valve housing and the blocks.
- Be careful not to drop the control valve assembly.
- Be careful not to damage the oil seal lip.

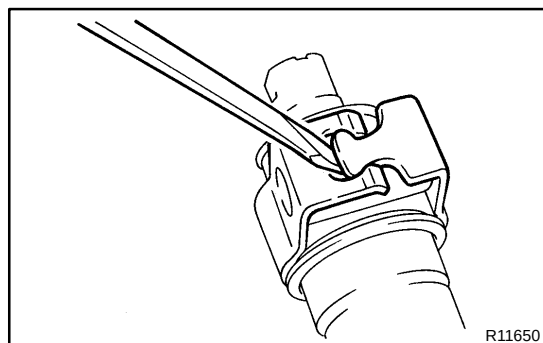
13. REMOVE OIL SEAL

Remove the oil seal from the control valve assembly.

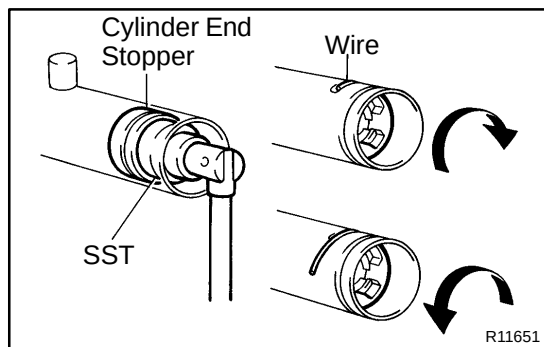


14. REMOVE RACK HOUSING NO. 2 BRACKET AND GROMMET

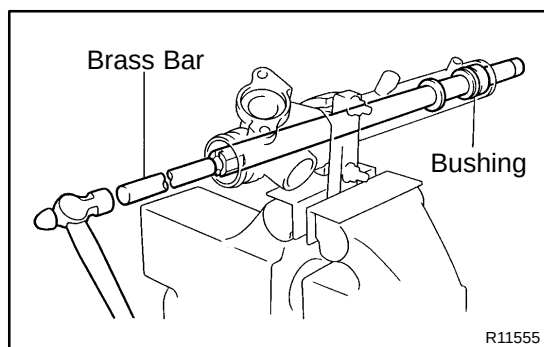
- Place matchmarks on the rack housing No. 2 bracket and rack housing.



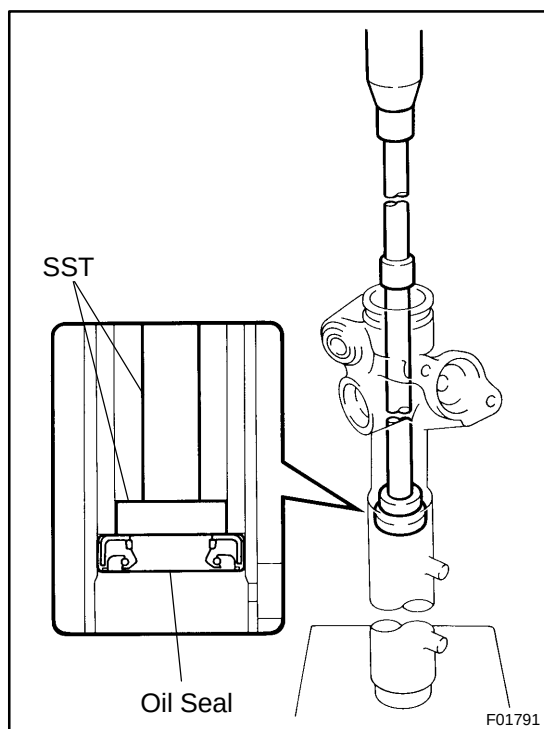
- Using a screwdriver, pry the clamp of the rack housing No. 2 bracket.
- Remove the rack housing No. 2 grommet from the rack housing No. 2 bracket.

**15. REMOVE CYLINDER END STOPPER**

- (a) Using SST, turn the cylinder end stopper clockwise until the wire end is visible through the service hole.
SST 09631-10021
- (b) Using SST, turn the cylinder end stopper counterclockwise, and remove the wire and cylinder end stopper.
SST 09631-10021

**16. REMOVE STEERING RACK AND BUSHING**

- (a) Using a brass bar and a hammer, tap out the rack with the bushing.
- (b) Remove the bushing from the steering rack.
- (c) Remove the O-ring from the bushing.

**17. REMOVE OIL SEAL**

Using SST, press out the oil seal.

SST 09950-60010 (09951-00290),
09950-70010 (09951-07360)