

DISASSEMBLY

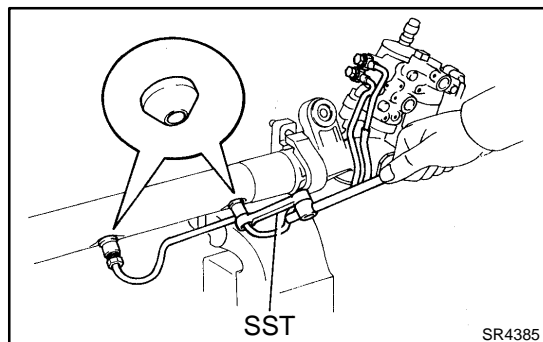
NOTICE:

When using a vise, do not overtighten it.

1. SECURE PS GEAR ASSEMBLY IN VISE

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

SST 09612-00012



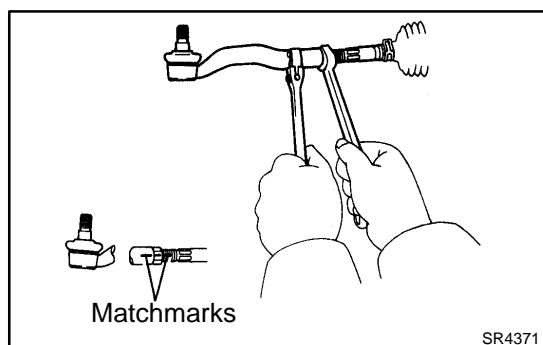
2. REMOVE 2 TURN PRESSURE TUBES

(a) Remove the union bolt and 2 gaskets.

(b) Using SST, remove the tube.

SST 09633-00020

(c) Remove the 2 union seats from the rack housing.



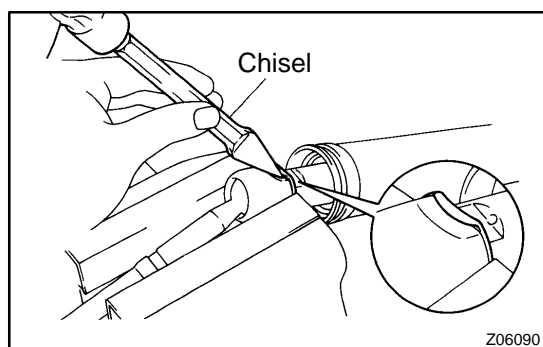
3. REMOVE RH AND LH TIE ROD ENDS AND LOCK NUTS

Place matchmarks on the tie rod end and rack end, and loosen the lock nut.

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

NOTICE:

- Be careful not to damage the boot.
- Mark the RH and LH boots.

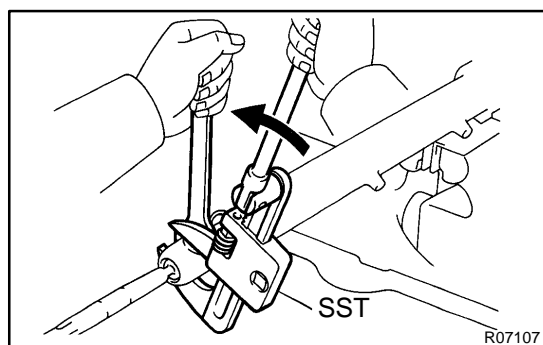


5. REMOVE RH AND LH RACK ENDS AND CLAW WASHERS

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

NOTICE:

Avoid any impact on the steering rack.

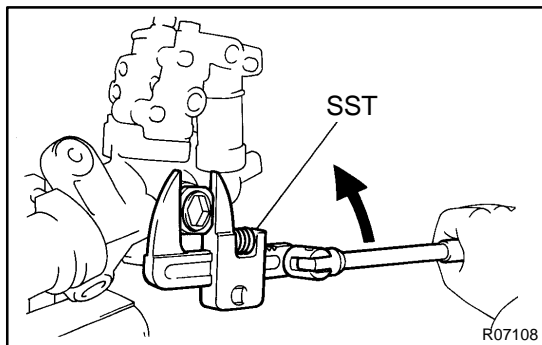


(b) Using a spanner (22 mm) hold the steering rack, and using SST remove the rack end.

SST 09922-10010

NOTICE:

- Use SST 09922-10010 in the direction shown in the illustration.
- Mark the RH and LH rack ends.

**6. REMOVE RACK GUIDE SPRING CAP LOCK NUT**

Using SST, remove the nut.

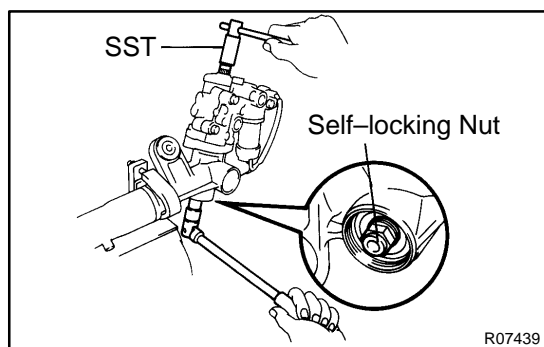
SST 09922-10010

NOTICE:

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

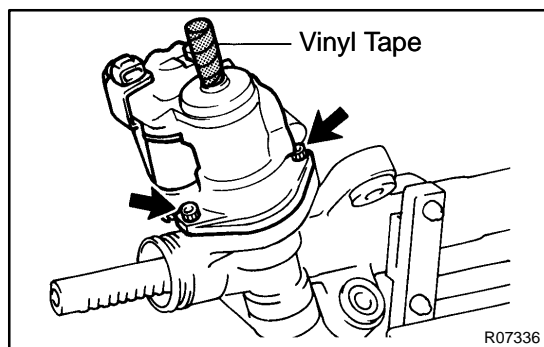
7. REMOVE RACK GUIDE SPRING CAP, RACK GUIDE SPRING, RACK GUIDE SUB-ASSEMBLY

- (a) Using a hexagon wrench (24 mm), remove the cap.
- (b) Remove the seat from the guide.

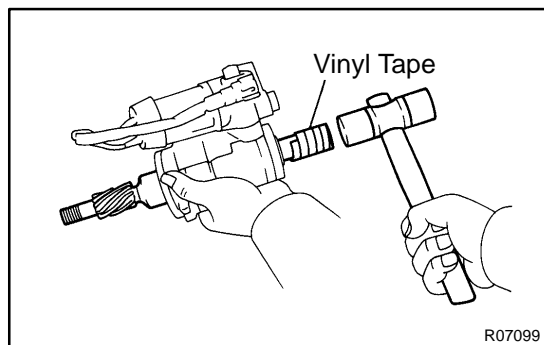
8. REMOVE RACK HOUSING CAP**9. REMOVE SELF-LOCKING NUT, LOWER BEARING AND SPACER**

Using SST to stop the control valve shaft rotating, remove the nut.

SST 09616-00010

10. REMOVE DUST COVER**11. REMOVE CONTROL VALVE HOUSING WITH CONTROL VALVE ASSEMBLY**

- (a) To prevent oil seal lip damage, wind vinyl tape on the serrated part of the control valve shaft.
- (b) Using a hexagon wrench (6 mm), remove the 2 bolts.
- (c) Remove the O-ring from the housing.

**12. REMOVE CONTROL VALVE ASSEMBLY**

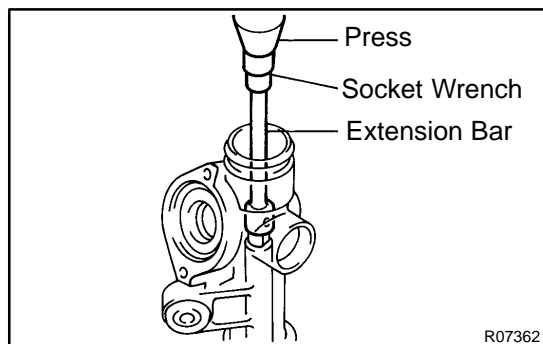
Using a plastic hammer, tap out the control valve.

NOTICE:

Be careful not to damage the oil seal lip.

13. REMOVE CYLINDER END STOPPER AND SPACER

Using snap ring pliers, remove the snap ring from the rack housing.

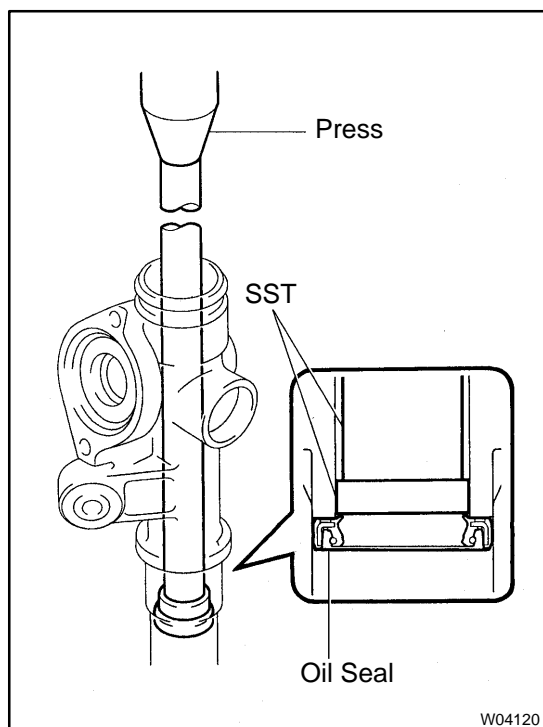
**14. REMOVE STEERING RACK AND OIL SEAL**

- (a) Using an extension bar or brass bar and a press, press out the rack with the oil seal.

NOTICE:

Take care not to drop the rack.

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

**15. REMOVE OIL SEAL**

Using SST, press out the oil seal.

SST 09950-60010 (09951-00280),
09950-70010 (09951-07200)