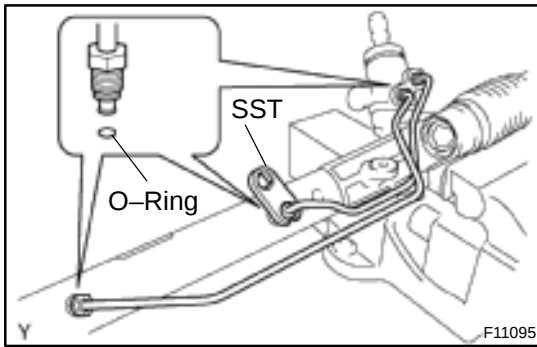




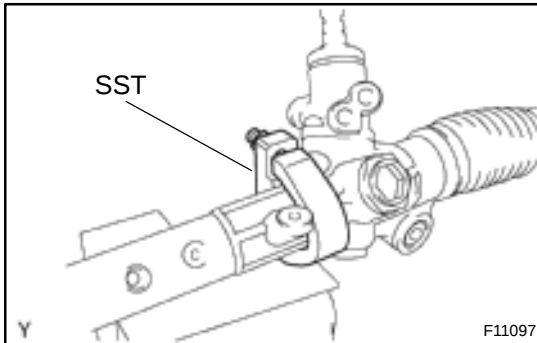
## DISASSEMBLY

### NOTICE:

**When using a vise, do not overtighten it.**

#### 1. REMOVE TURN PRESSURE TUBES

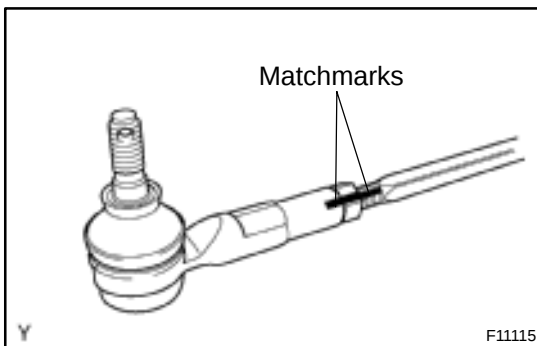
- (a) Using SST, remove the 2 turn pressure tubes.  
SST 09023-38200
- (b) Remove the 4 O-rings from the 2 turn pressure tubes.



#### 2. SECURE PS GEAR ASSEMBLY IN VISE

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

SST 09612-00012



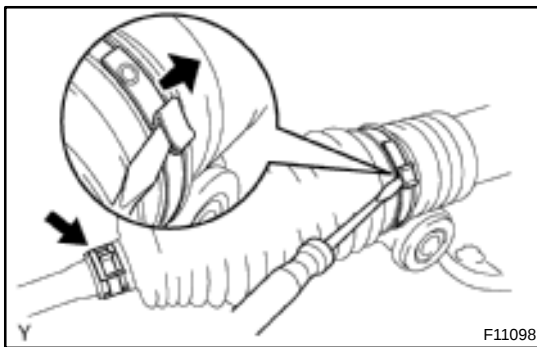
#### 3. REMOVE RH AND LH TIE ROD ENDS AND LOCK NUTS

- (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.

### HINT:

Mark the RH and LH tie rod ends and lock nuts.

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



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

- (a) Using a screwdriver, loosen the clamp.
- (b) Remove the clip, clamp and rack boot.

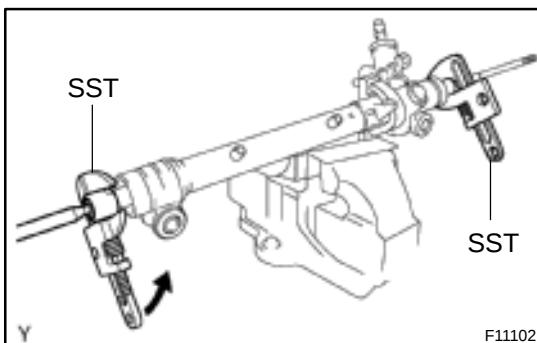
### NOTICE:

**Be careful not to damage the boot.**

### HINT:

Mark the RH and LH rack boots.

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



#### 5. REMOVE RH AND LH RACK ENDS

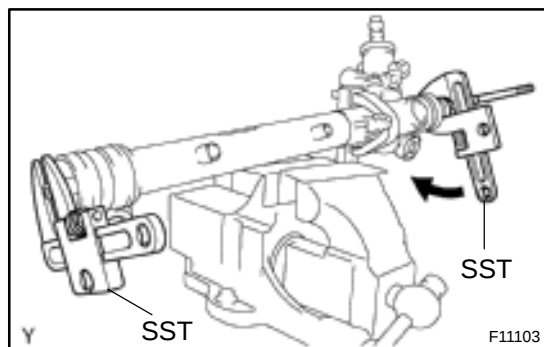
- (a) Using SST, hold the LH rack end steadily and using another SST, remove the RH rack end.  
SST 09922-10010

### NOTICE:

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

### HINT:

Mark the RH and LH rack ends.



- (b) Using SST, hold the steering rack RH side steadily and using another SST, remove the LH rack end.

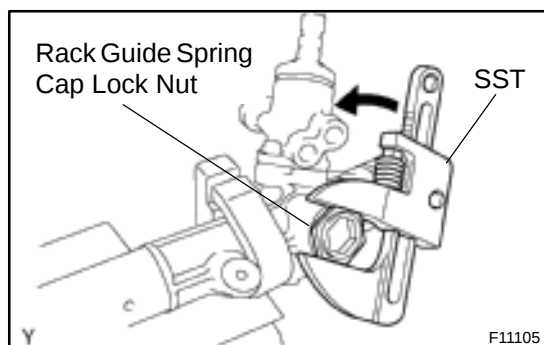
SST 09922-10010

**NOTICE:**

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

**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

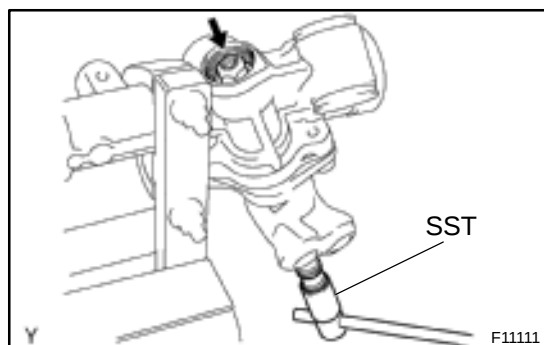
**NOTICE:**

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

**7. REMOVE RACK GUIDE SPRING CAP, RACK GUIDE SPRING AND RACK GUIDE SUBASSEMBLY**

- Using a hexagon wrench (19 mm), remove the rack guide spring cap.
- Remove the rack guide spring and rack guide subassembly.

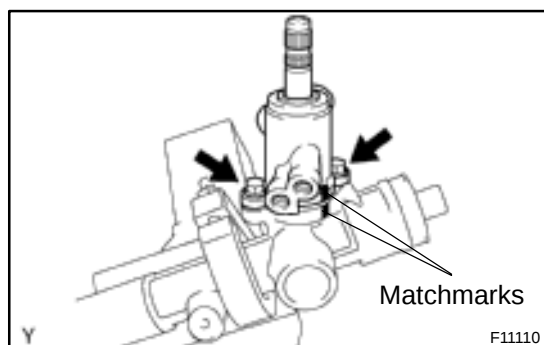
**8. REMOVE RACK HOUSING CAP**



**9. REMOVE SELF-LOCKING NUT**

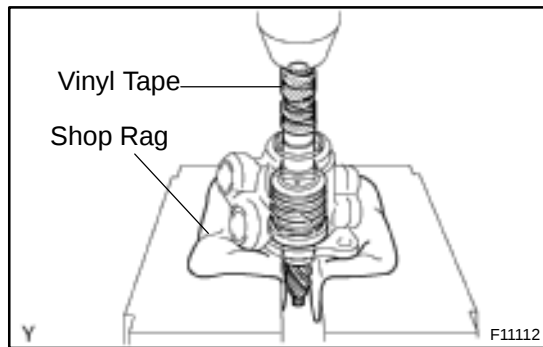
Using SST, stop the control valve shaft rotating and remove the self-locking nut.

SST 09616-00011



**10. REMOVE CONTROL VALVE HOUSING WITH CONTROL VALVE ASSEMBLY**

- Remove the dust seal.
- Place matchmarks on the control valve housing and rack housing.
- Remove the 2 bolts.
- Pull out the control valve housing with control valve assembly.
- Remove the gasket.

**11. REMOVE CONTROL VALVE ASSEMBLY**

- (a) Wind vinyl tape on the control valve shaft.
- (b) Press out the control valve assembly.

**NOTICE:**

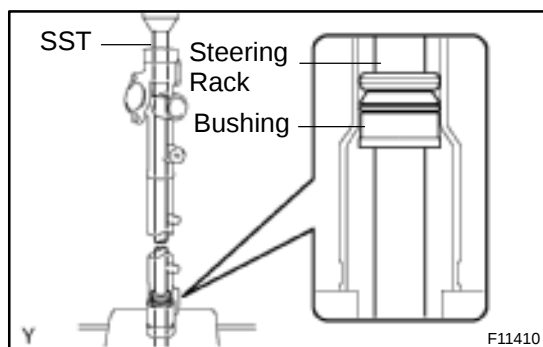
- Be careful not to damage the oil seal lip.
- Place a shop rag between the valve housing and the blocks.
- Be careful not to drop the valve assembly.

**12. REMOVE OIL SEAL OF CONTROL VALVE ASSEMBLY**

Remove the oil seal from the control valve assembly.

**13. REMOVE CYLINDER END STOPPER**

- (a) Using needle nose pliers, remove the snap ring.
- (b) Pull out the cylinder end stopper.

**14. REMOVE STEERING RACK WITH BUSHING**

- (a) Using SST, press out the steering rack with the bushing.  
SST 09950-70010 (09951-07200)

**NOTICE:**

**Take care not to drop the steering rack.**

- (b) Remove the O-ring from the bushing.