

DISASSEMBLY

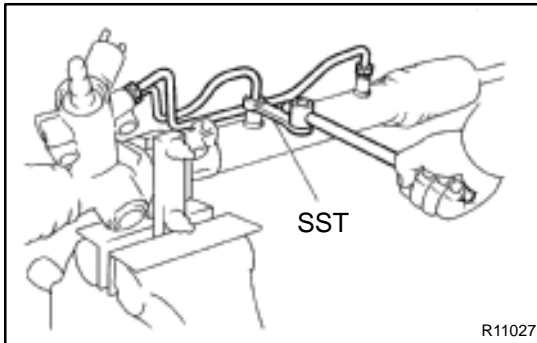
NOTICE:

When using a vise, do not overtighten it.

1. SECURE PS GEAR ASSEMBLY IN VISE

Using SST, secure the gear assembly in a vise.

SST 09612-00012



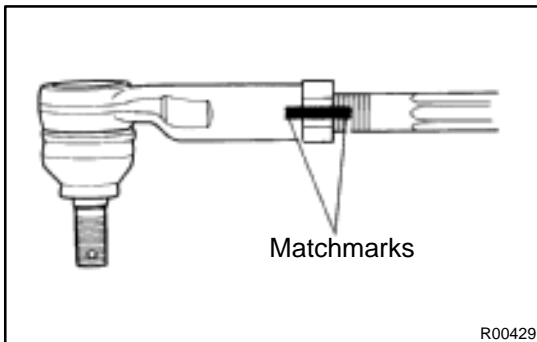
2. REMOVE 2 TURN PRESSURE TUBES

(a) Using SST, remove the tube.

SST 09633-00020

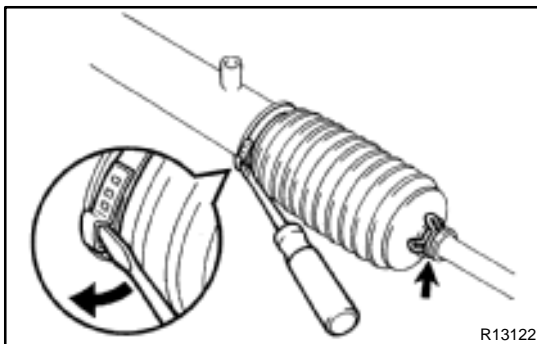
(b) Remove the 2 union seats from the rack housing.

3. REMOVE AIR CONTROL VALVE



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

Place matchmarks on the tie rod end and rack end.

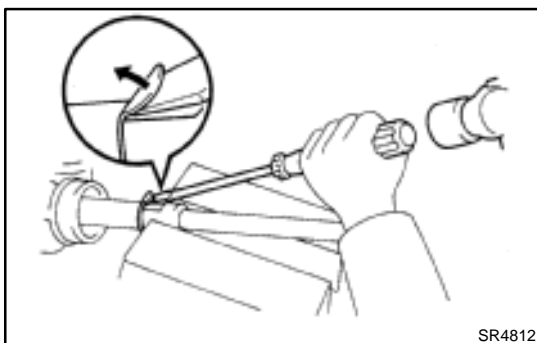


5. REMOVE RH AND LH CLIPS, RACK BOOTS AND CLAMPS

Using a screwdriver, loosen the clamp.

NOTICE:

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

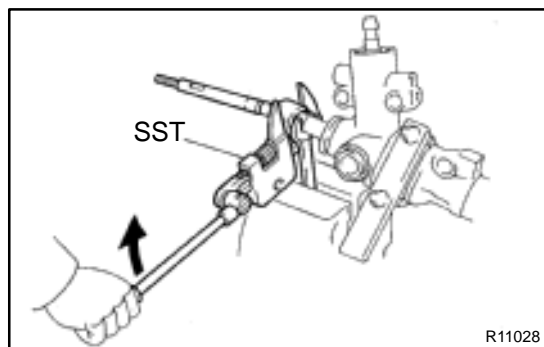


6. REMOVE RH AND LH RACK ENDS AND CLAW WASHERS

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

NOTICE:

Avoid any impact to the steering rack.

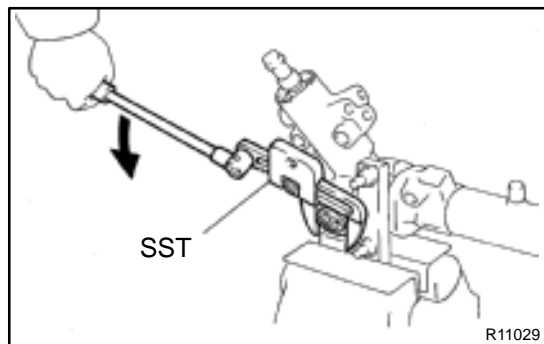


- (b) Using a spanner, hold the steering rack steadily and using SST, remove the rack end.

SST 09922-10010

NOTICE:

- Using SST 09922-10010 in the direction shown in the illustration.
- Mark the RH and LH rack end.



7. 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.

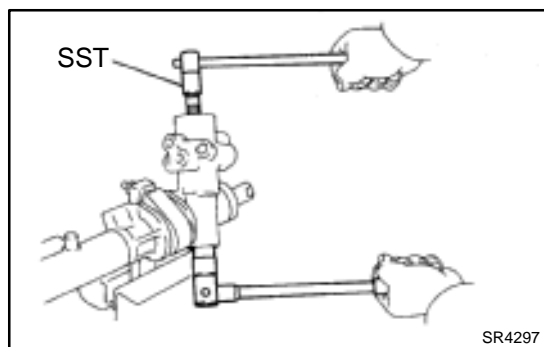
8. REMOVE RACK GUIDE SPRING CAP

Using a hexagon wrench (21 mm), remove the cap.

9. REMOVE RACK GUIDE SPRING, RACK GUIDE AND RACK GUIDE SEAT

Remove the seat from the guide.

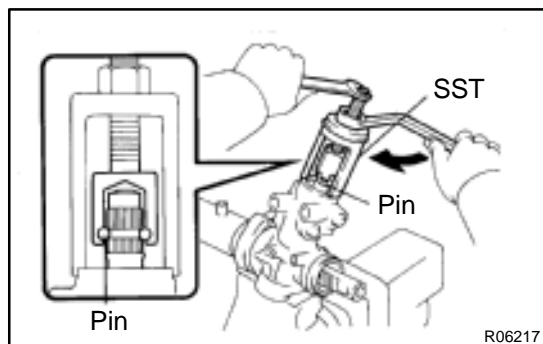
10. REMOVE RACK HOUSING CAP



11. REMOVE SELF-LOCKING NUT

Using SST, stop the control valve rotating and remove the nut.

SST 09616-00010



12. REMOVE CONTROL VALVE ASSEMBLY WITH OIL SEAL AND BEARING

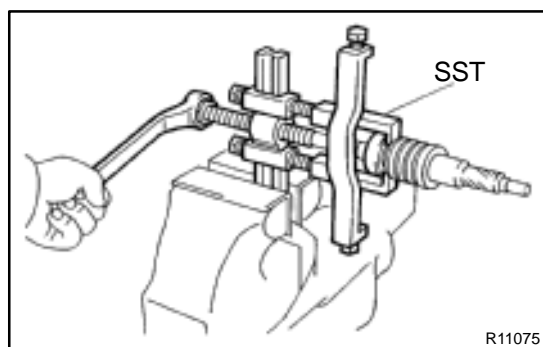
- (a) Using snap ring pliers, remove the snap ring from the rack housing.
- (b) Using SST, remove the valve assembly with the oil seal and bearing.

SST 09613-12010

NOTICE:

Never attempt to tap out the control valve as this would damage it.

- (c) Remove the oil seal from the valve assembly.



- (d) Using SST, remove the bearing from the valve assembly.

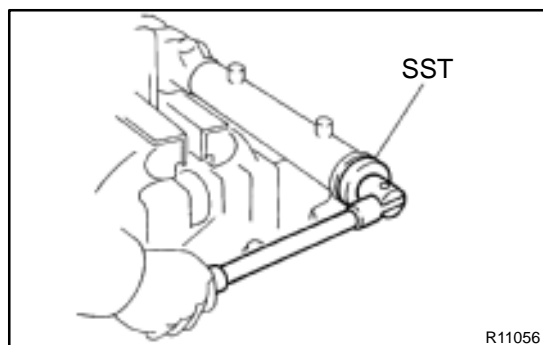
SST 09950-40011 (09951-04010, 09952-04010, 09953-04020, 09954-04010, 09955-04050, 09957-04010, 09958-04010)

NOTICE:

Be careful not to damage the valve assembly.

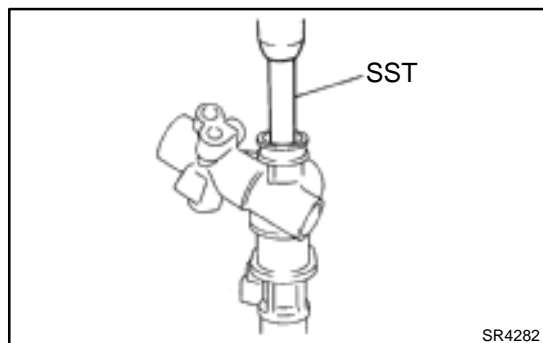
13. REMOVE BEARING

Using a brass bar and hammer, tap out the bearing from the rack housing.



14. REMOVE CYLINDER END STOPPER AND BUSHING

- (a) Using SST, remove the stopper.
SST 09631-20090
- (b) Remove the bushing from the stopper.



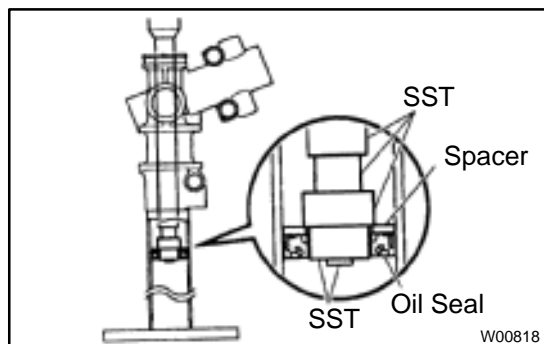
15. REMOVE STEERING RACK WITH OIL SEAL

- (a) Using SST, press out the rack with the oil seal.
SST 09612-24014 (09612-10061)

NOTICE:

Take care not to drop the rack.

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

**16. REMOVE SPACER AND OIL SEAL**

Using SST, press out the spacer and oil seal.

SST 09950-60010 (09951-00200, 09951-00240,
09952-06010), 09950-70010 (09951-07360)

NOTICE:

Do not damage the rack housing.