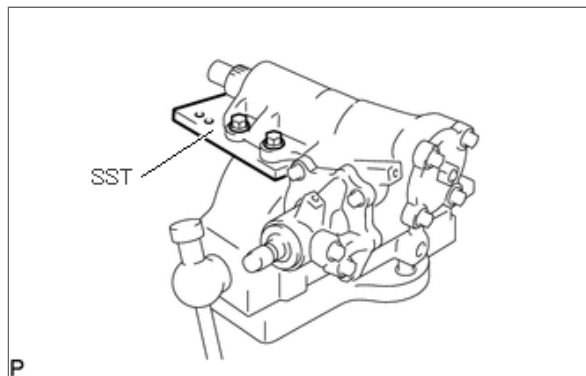


**CAUTION / NOTICE / HINT****NOTICE:**

- When using a vise, place aluminum plates between the part and vise.
- When using a vise, do not overtighten it.

**HINT:**

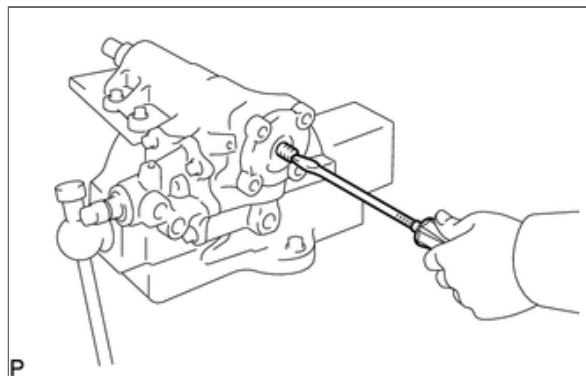
- Use the same procedure for RHD and LHD vehicles.
- The procedure listed below is for LHD vehicles.

**PROCEDURE****1.FIX POWER STEERING GEAR ASSEMBLY****44110****a.**

Fix the power steering gear assembly on SST and clamp SST in a vise.

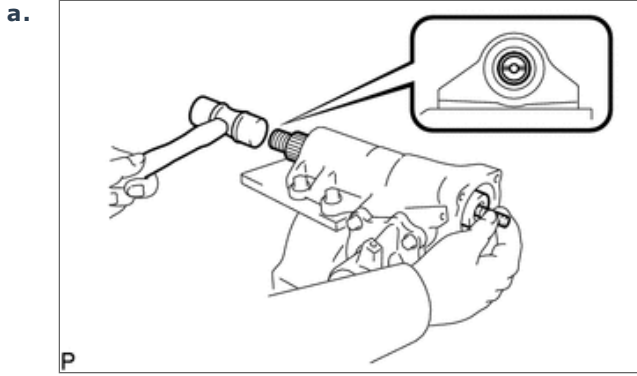
**SST****09630-00014 (09631-00142)****2.REMOVE SIDE COVER SUB-ASSEMBLY****44108**

- Remove the lock nut and cross shaft adjusting screw seal washer.
- Remove the 4 bolts.

**c.**

Screw in the sector shaft adjusting screw until the cover comes off.

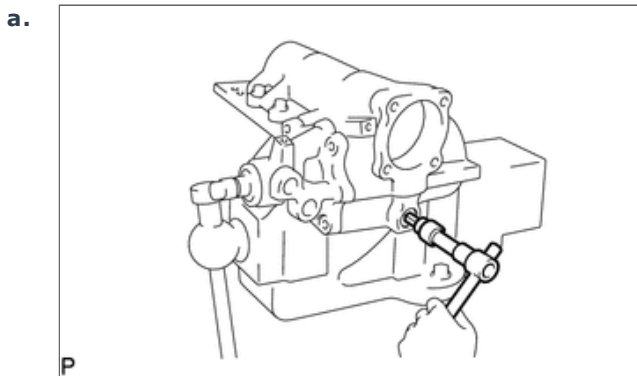
**3.REMOVE CROSS SHAFT****44111**



Using a plastic-faced hammer, tap on the cross shaft end and pull out the cross shaft.

#### 4.REMOVE POWER PISTON PLUNGER GUIDE NUT

44154



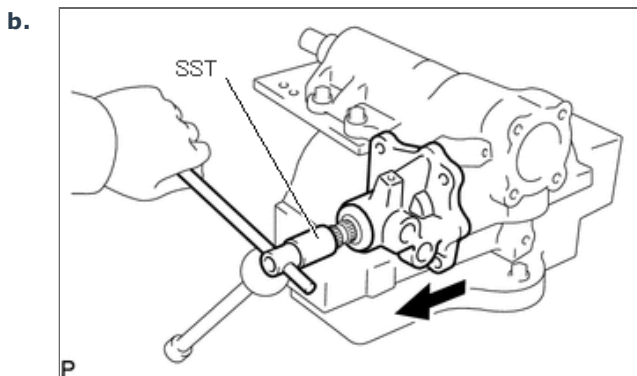
Using a 10 mm hexagon wrench, remove the power piston plunger guide nut.

- b. Remove the power piston plunger compression spring, power piston plunger and power piston plunger guide.
- c. Remove the O-ring from power piston plunger guide nut.

#### 5.REMOVE VALVE ASSEMBLY (WITH BALL NUT)

44120

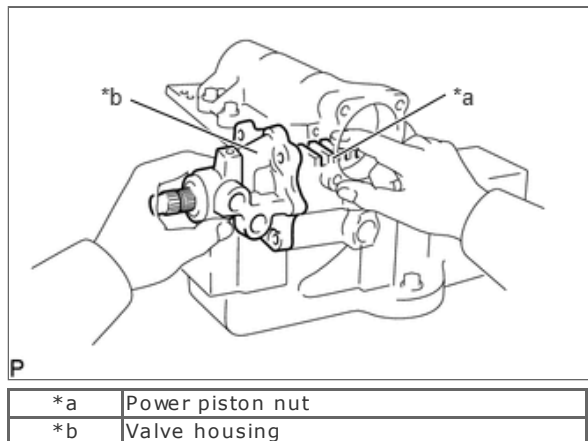
- a. Remove the 4 bolts.



Using SST, turn the shaft clockwise to disconnect the valve assembly (with ball nut) from power steering gear housing.

**SST**  
**09616-00011**

c.



Hold the power piston nut with your thumb so it cannot move, then draw out the valve assembly (with ball nut).

**NOTICE:**

Ensure that the power piston nut does not come off the worm shaft.

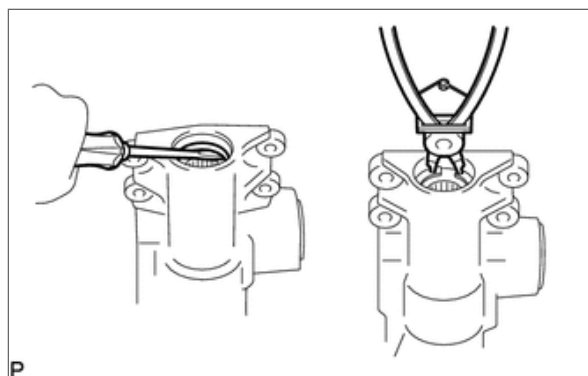
- d. Remove the 2 O-rings from the power steering gear housing.
- e. Remove the O-ring from the valve housing of the valve assembly (with ball nut).



**6.REMOVE POWER STEERING GEAR HOUSING NEEDLE ROLLER BEARING**

**44107A**

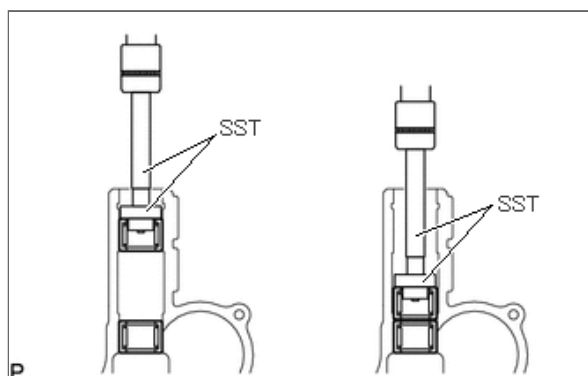
a.



Using a screwdriver, pry out the power steering housing oil seal.

- b. Using snap ring pliers, remove the power steering gear housing hole snap ring.
- c. Remove the power steering gear housing ring, power steering gear housing ring ("Teflon" Ring) and O-ring.

d.



Using SST, press in the power steering gear housing needle roller bearing (lower).

**SST**

**09950-60010 (09951-00350, 09951-00420, 09952-06010)**  
**09950-70010 (09951-07100)**

- e. Using SST, press out the power steering gear housing needle roller bearing (lower) and steering gear housing needle roller bearing (upper).

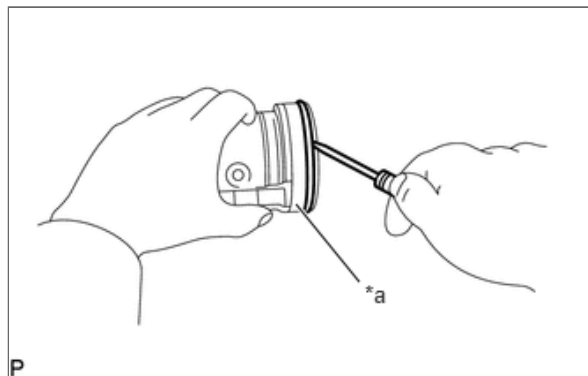
**SST**

09950-60010 (09951-00350, 09951-00420, 09952-06010)  
09950-70010 (09951-07100)

**7.REMOVE POWER PISTON NUT RING ("TEFLON" RING)**

44114A

a.



*a	Power piston nut
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Using a screwdriver, remove the power piston nut ring ("Teflon" Ring) and O-ring.

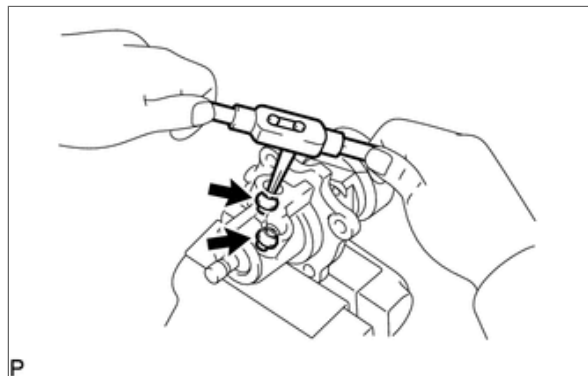
**NOTICE:**

Be careful not to damage the power piston nut.

**8.REMOVE VALVE BODY HOUSING UNION SEAT**

44105C

a.



Using a screw extractor, remove the 2 valve body housing union seats.

**NOTICE:**

- Do not allow any shards into the port.
- In order to prevent shards, forcefully push down on the screw extractor, and then turn a very small amount to the left to pull out the valve body housing union seat.
- If the screw extractor is too small, the valve assembly port will be damaged.

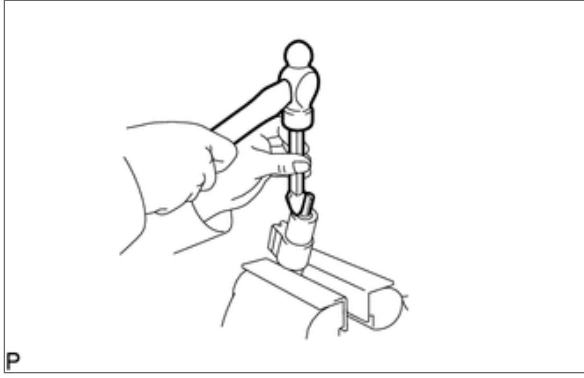
**HINT:**

The valve body housing union seat has an inner diameter of 6 mm.

**9.REMOVE SECTOR SHAFT ADJUSTING SCREW**

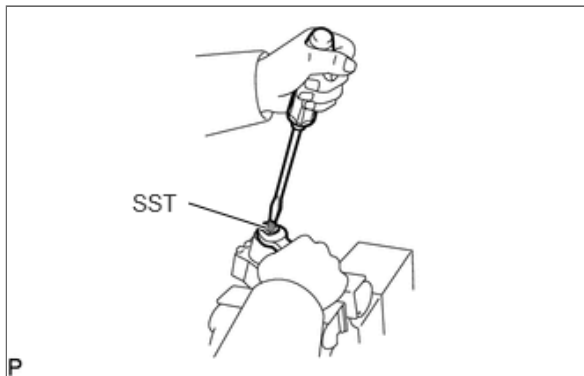
45357

a.



Using a chisel and hammer, remove the lock nut stake.

b.



Using SST, remove the lock nut.

**SST**  
**09630-00014 (09631-00051)**