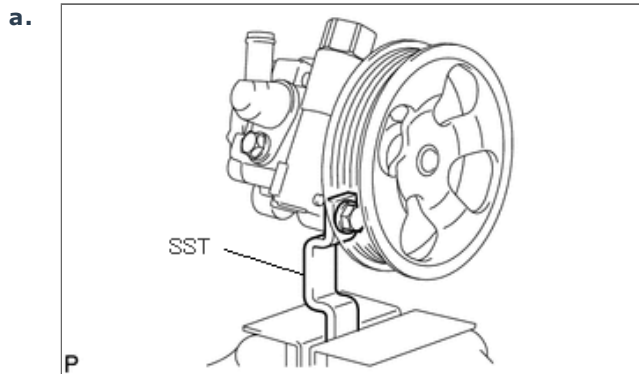


PROCEDURE

1.SECURE VANE PUMP ASSEMBLY

44310



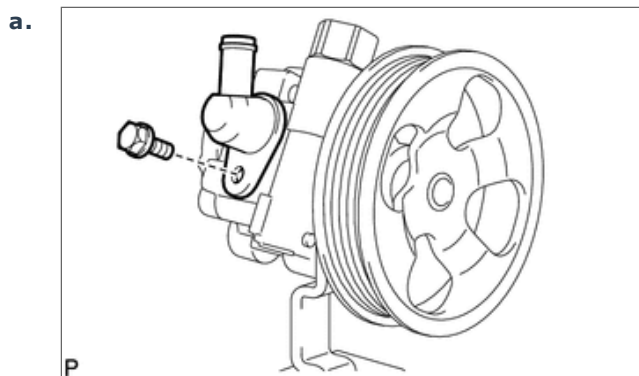
Using SST, secure the vane pump assembly in a vise.

SST

09630-00014 (09631-00132)

2.REMOVE POWER STEERING SUCTION PORT UNION

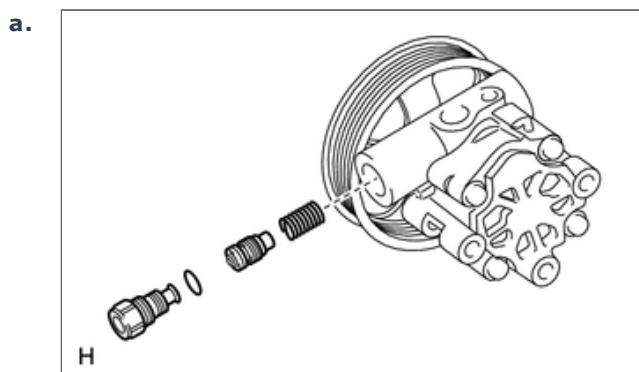
44337



Remove the bolt and power steering suction port union from the vane pump front housing.

b. Remove the O-ring from the suction port union.

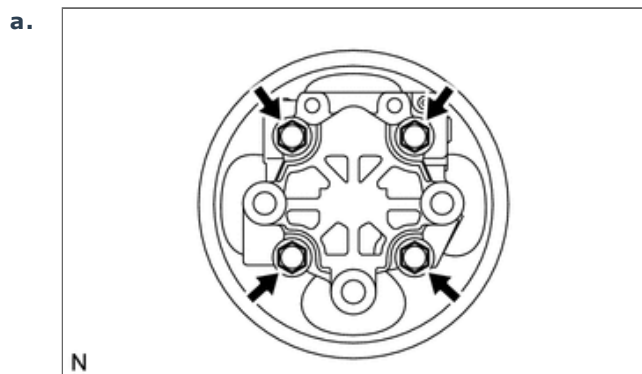
3.REMOVE FLOW CONTROL VALVE ASSEMBLY



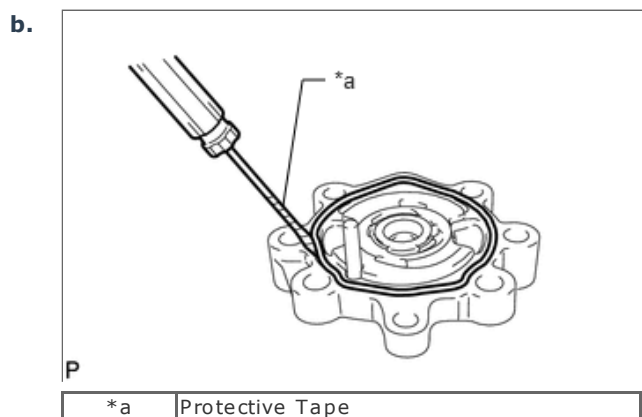
Remove the pressure port union, flow control valve assembly and flow control compression spring from the vane pump front housing.

- b. Remove the O-ring from the pressure port union.

4.REMOVE VANE PUMP REAR HOUSING



Remove the 4 bolts and vane pump rear housing from the vane pump front housing.

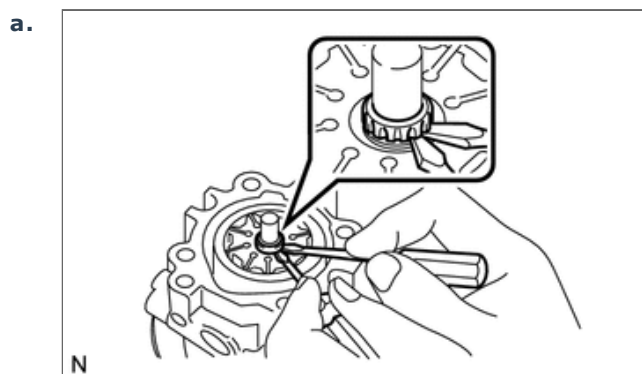


Using a screwdriver, remove the O-ring from the vane pump rear housing.

HINT:

Tape the screwdriver tip before use.

5.REMOVE VANE PUMP SHAFT WITH PULLEY



Using 2 screwdrivers, remove the vane pump shaft snap ring from the vane pump shaft with pulley.

- b. Remove the vane pump shaft with pulley from vane pump front housing.

NOTICE:

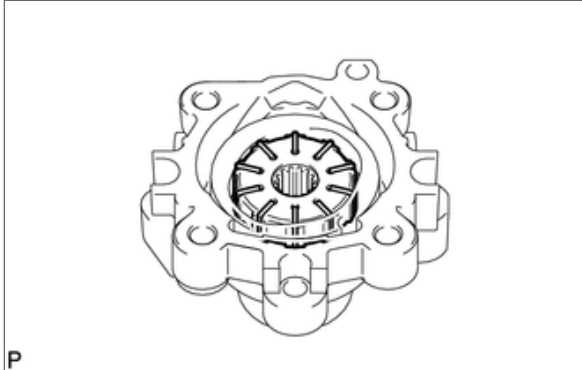
- Be careful not to drop or damage the vane pump shaft with pulley.

- When the vane pump shaft with pulley is removed, replace the vane pump housing oil seal with a new one.

If the vane pump shaft with pulley is damaged, replace it.

6.REMOVE VANE PUMP ROTOR

a.



Remove the 10 vane pump plates.

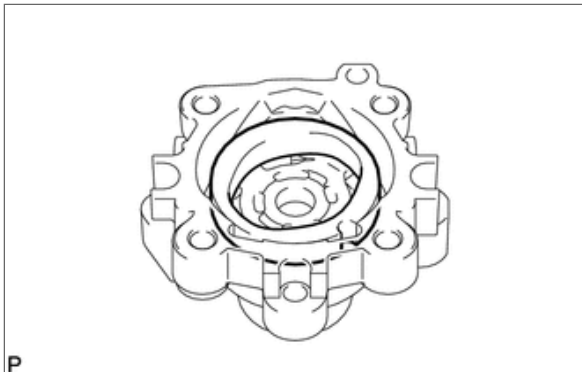
NOTICE:

Take care not to drop the vane pump plates.

b. Remove the vane pump rotor.

7.REMOVE VANE PUMP CAM RING

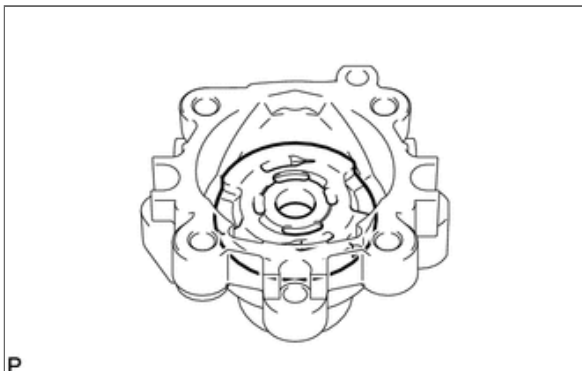
a.



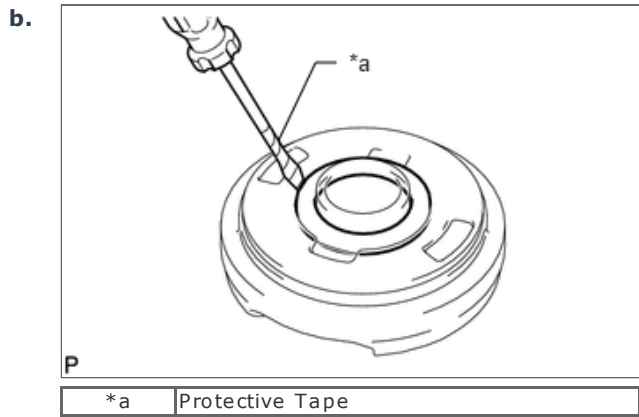
Remove the vane pump cam ring from the vane pump front housing.

8.REMOVE VANE PUMP FRONT SIDE PLATE

a.



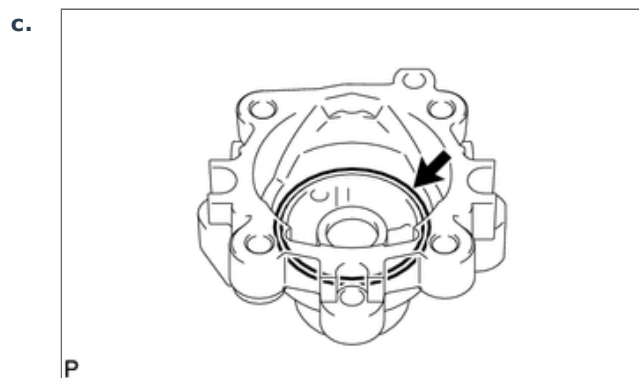
Remove the vane pump front side plate from the vane pump front housing.



Using a screwdriver, remove the O-ring from the vane pump front side plate.

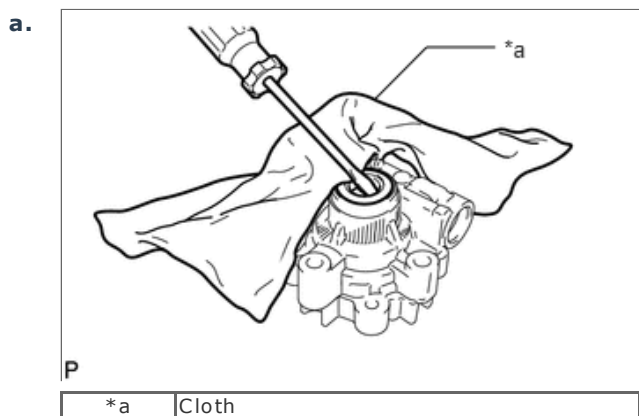
HINT:

Tape the screwdriver tip before use.



Remove the O-ring from the vane pump front housing.

9.REMOVE VANE PUMP HOUSING OIL SEAL



Using a screwdriver and piece of cloth, pry out the vane pump housing oil seal.

NOTICE:

Be careful not to damage the vane pump front housing.