

WS-6 Disassemble Steps

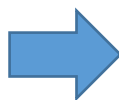
5.1.2023

Step①

Loosen the hex bolts (4 pieces) to remove the valve body assy and remove the motor assy from the body assy.



Hex bolt



Body Assy

Motor Assy

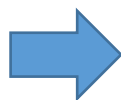
Valve Body Assy

Step② (Body Assy)

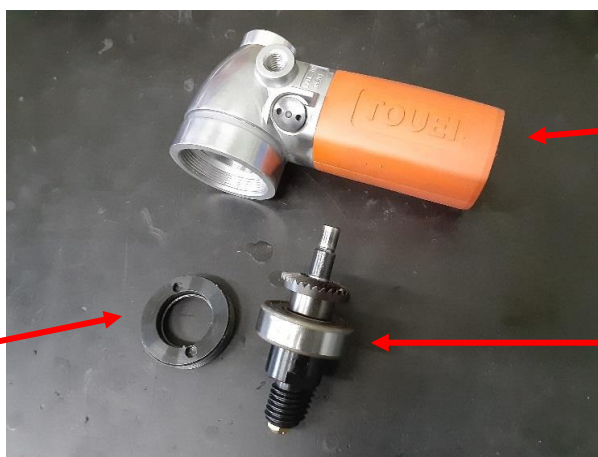
Remove the spindle cover. Remove the spindle assy from the body assy.

Specialized tools

※ Due to a left-hand screw, be careful with the direction of rotation.



Spindlecover (17)



Body Assy

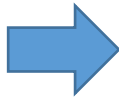
Spindle Assy

Step③ (Motor Assy)

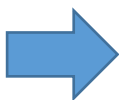
Remove the bearing cap and press the rotor shaft with the cylinder fixed to remove the cylinder, rear plate, and vane



Motor Assy



Bearing cap (35)

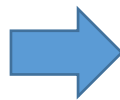


Roter Assy

Rear plate (33)

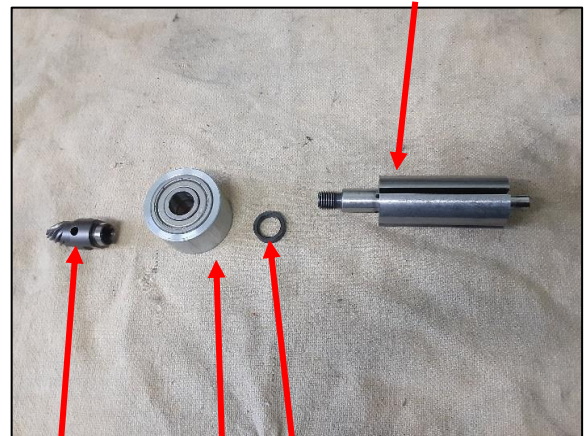
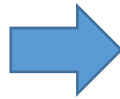
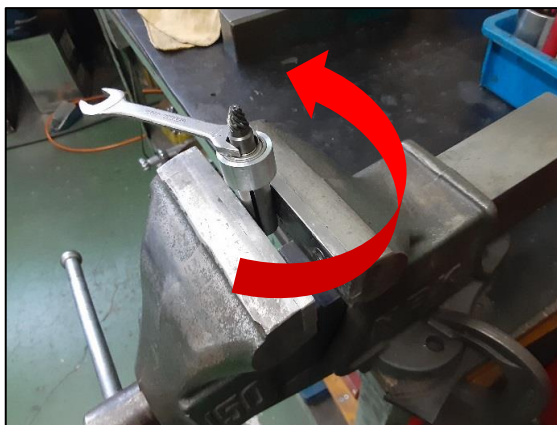
Vane (30)

Cylinder (31)



Step④ (Rotor Assy)

Fix the rotor and relmove the pinion gear. When the pinion comes off, the rotor and front plate come off.



Rotor (29)

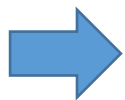
Pinion gear (25)

Rotor spacer (28)

Front plate (27)

Step④ (Spindle Assy)

Remove the snap ring, remove the bevel gear and bearing.



Spindle (13)

Bearing (9)

Snap Ring (10)

Bevel Gear (11)