

Procedure to replace compressor valve plate assembly

Tools required: #2 Phillips screwdriver

STEP 1. Loosen and remove 4 head screws (1) and compressor head (2) (Figure 1).

STEP 2. Carefully separate valve plate assembly (5) from head (2).

STEP 3. Discard valve plate assembly and cylinder O-ring. Remove and retain orange colored head O-ring (4) and black colored exhaust cavity O-ring (3).

STEP 4. Confirm the new pre-installed cylinder O-ring is fully seated into groove on bottom side of valve plate (not shown)

STEP 5. Confirm that cylinder is fully seated and centered on compressor housing shelf (Figure 2).

STEP 6. With exhaust valve facing the front, place the valve plate assembly on the compressor housing so the cylinder fits into O-ring groove on valve plate, ensure cylinder O-ring remains properly seated. (Figure 2)

STEP 7. Carefully reinstall head O-ring and exhaust cavity O-ring, seated firmly into grooves.

STEP 8. Place head on top of valve plate aligning the tabs on the valve plate with the slots on the head and exhaust cavity towards the front.

STEP 9. Insert 4 head screws (1) and tighten securely using a diagonal pattern.

STEP 10. Perform IC Air Pump Pressure Test.

