

Replacing Compressor Pump Valve CA Pumps



Compressor valve
hold down cap

Compressor valve
hold down

Copper valve gasket

Compressor valve body

Notice: Before starting, let pump cool down as compressor head can be hot enough to burn or cause injury and contact the manufacturer for advice.

Call 800-531-9656 to find a local trained air compressor service technician.

WARNING: To avoid personal injury, always shut OFF the main power supply and disconnects to the compressor, relive all air pressure from the system, and check electrical system with electrical probe before starting any service or maintenance on the compressor.

**PTO Heavy-Duty
Equipment**

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Step 1

Shut off the main power supply of compressor. Let pump cool down before removing valves or compressor head components as compressor head can be hot enough to burn or cause injury.

Note:

- 2 valve directly behind air intake filter are intake valves.
- The valve directly behind intake valves is the low pressure discharge valve.
- The valve on the back left side from air intake filter is the high pressure intake valve.
- The valve on the back right side from air intake filter is the high pressure discharge valve



Step 2

Using hammer and punch loosen valve hold down cap. Turn the cap counterclockwise facing the air intake filter to loosen the cap.

Note: Hold punch firmly when loosening hold down cap to prevent injury. For the back 3 valves, remove valve hold down cover first.



Step 3

Once the valve hold down cap is loose remove from compressor head.



Step 4

Remove the valve hold down.



Step 5

Remove existing valve from pump.



Step 6

Remove copper valve seat gasket.



Step 6

Put new copper valve seat gasket in pump.

Step 7

Put new compressor valve in pump check for proper seating.

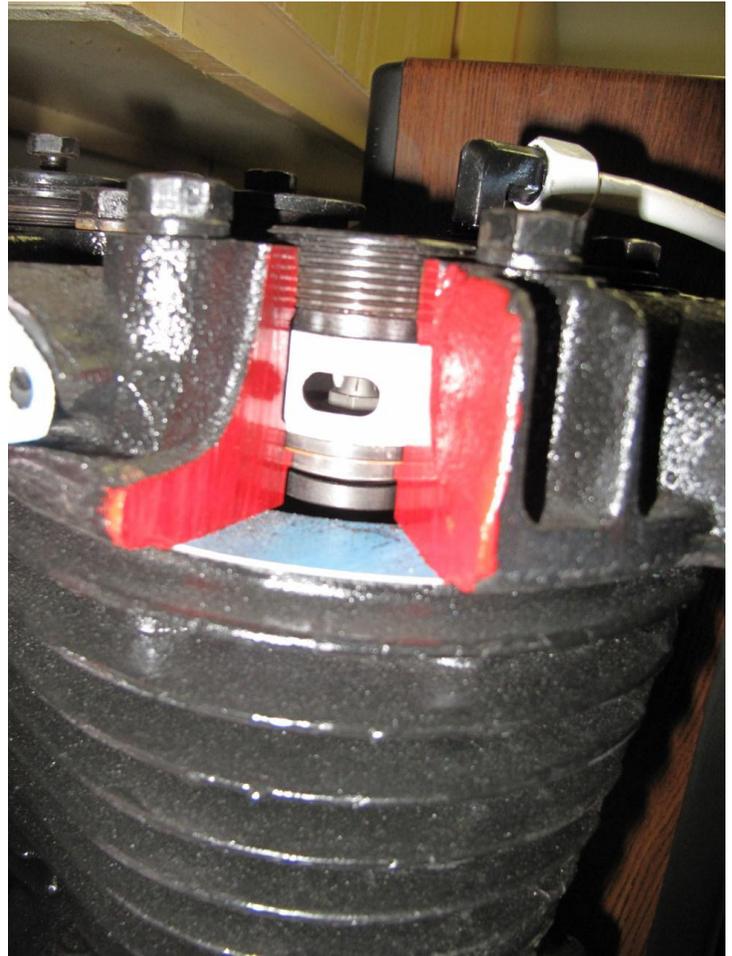
Step 8

Put valve hold down back on valve.

Step 9

Tighten valve hold down cap on compressor pump valve hold down until seating is tight. Punch and hammer will be needed to ensure tight fit.

Note: If valve hold down cap had cover, replace cover gasket and put cover back in place.





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600 S 2nd Ave
Mansfield, TX, 76063

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