

Troubleshooting your compressor

Problem: My unit trips the breaker when it tries to restart after filling the tank the first time.

Solution:

- 1) Let your unit pump up.
- 2) Turn it off.
- 3) Find the supply line from the pump to the tank.
- 4) Remove the supply line from the pump head.
- 5a) If you hear air coming from the tank you have a bad check valve. Go to check valve page.
- 5b) If you do not hear air coming from the tank, you have a leaky pressure switch.

Check valves are on this page:

http://www.mastertoolrepair.com/compressor-controls-gauges-check-valves-c-25_4.html

Problem: My pressure switch is leaking. The small schrader valve attached to the switch leaks when the compressor cuts off.

Solution:

- 1) Let your unit pump up.
- 2) Turn it off.
- 3) Find the supply line from the pump to the tank.
- 4) Remove the supply line from the pump head.
- 5a) If you hear air coming from the tank you have a bad check valve. Go to check valve page.
- 5b) If you do not hear air coming from the tank, you have a leaky pressure switch.

Check valves are on this page:

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Problem: My compressor is not producing the air that it once did. It takes twice as long to pump up.

Solution:

- 1) Turn off your compressor or disconnect the power.
- 2) Remove the connector tube that sends air to the tank.
- 3) Remove the head bolts on top of the pump.
- 4) Remove the head off of your pump.
- 5) Remove the valve plate off of your pump. It may be a one piece or a 2 piece design.
- 6) Inspect the valve plate for broken reed valves or broken gaskets above or below the valve plate.
- 7) This is probably your problem. Order the correct valve plate or gasket by manufacturer on the left category list.