

Service Note:

The correct color codes spacer gasket must be used when completing the repair of your oil free air compressor pump for proper function and to prevent damage from occurring.

These specific colored “spacers gaskets” are used to control the proper clearance between the connecting rod cap and the valve plate in the compressor pump assembly.
In some cases BOTH spacer gaskets may need to be used.

If your original oil free compressor pump previously had a single-colored spacer in place, then you will need to use the same color spacer from this service kit.
Each kit comes with two colored spacer gaskets with the following specifications.

Green Spacer Gasket approximately .012 - 0.15” in thickness.

Grey Spacer Gasket approximately .035 - 0.39” in thickness.

These colored gasket spacers when use is required are intended to be placed between the top of the pump casting and the cylinder sleeve.
The lip of the cylinder must sit on top of the colored spacer gasket to create the proper clearance.

Important Note:

If the incorrect spacer gasket is used or if you place them on top of the cylinder sleeve instead of under it, the conning rod cap could possibly strike the bottom of the valve plate assembly and cause severe damage.

During reassembly it is always recommended to “Rotate the pump by hand” before the final tightening of the compressor head.

This will help to ensure proper connecting rod to valve plate clearance has been achieved and that there is no binding of any reassembled components prior to the air compressor being plugged in and turning at the high RPM’s incurred and thus preventing any permanent damage.