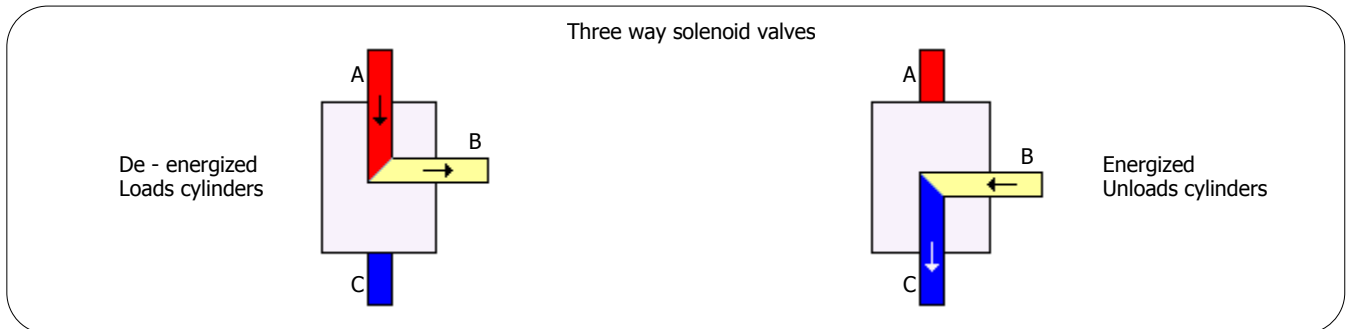
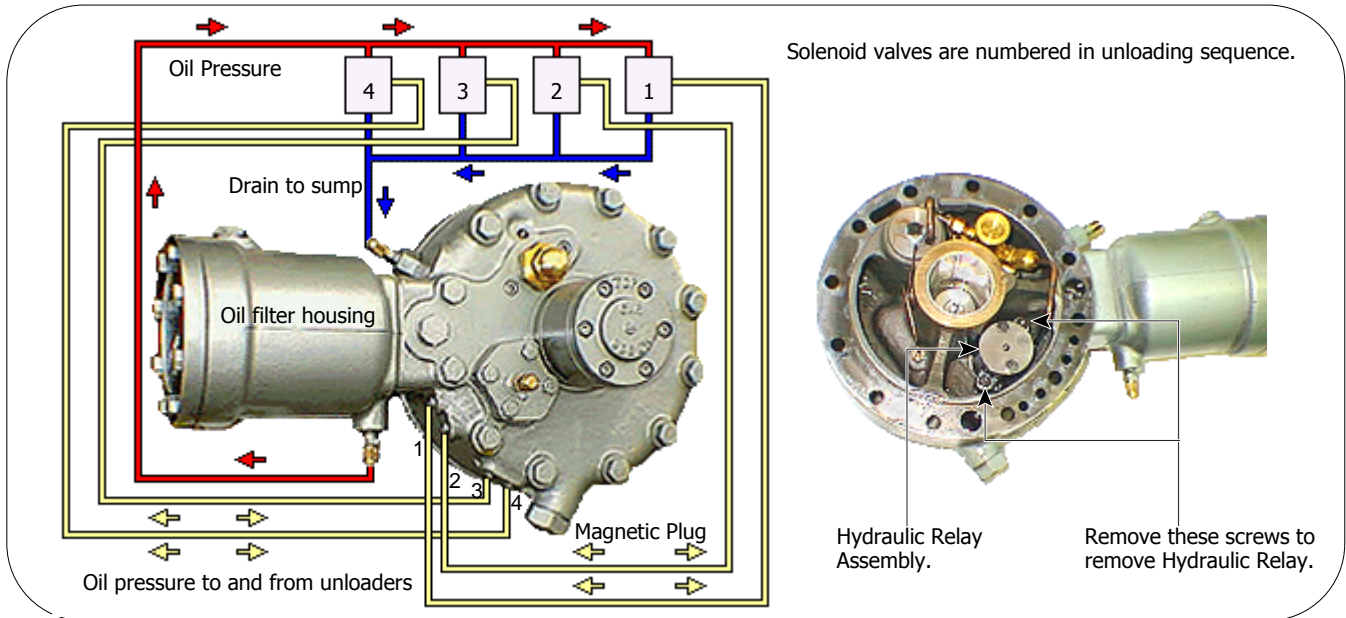


**Carrier/Carlyle
5H120,126 Compressors
Conversion from Standard to Electric Unloading**



In order for these modifications to work the oil pump bearing housing must be factory drilled and tapped at the four locations shown between the oil filter housing and the magnetic plug.

1. Remove pump end bearing head.
2. Remove hydraulic relay assembly by removal of two 5/16 - 18 socket head screws. Make a blank metal disc using the hydraulic relay gasket as a guide. Using 1/32 to 1/16 inch thick metal, cut holes in disc for dowel pins only. Reinstall relay assembly using two new gaskets, one on each side of the metal disc. Torque the 5/16 socket head screws evenly to 16 - 20 lb-ft.
3. Reinstall the bearing head using extreme care not to damage oil pump tang. Align with recess in end of crankshaft. Do not force on.
4. Mount solenoid valves and run oil lines.
5. To minimize vibration, mount valves on a bracket attached to the compressor. The following three way valves have been used in the field and are listed as a guide:

Alco Controls No. 702RA001
Alco Controls No. S608-1
Sporlan Type 180