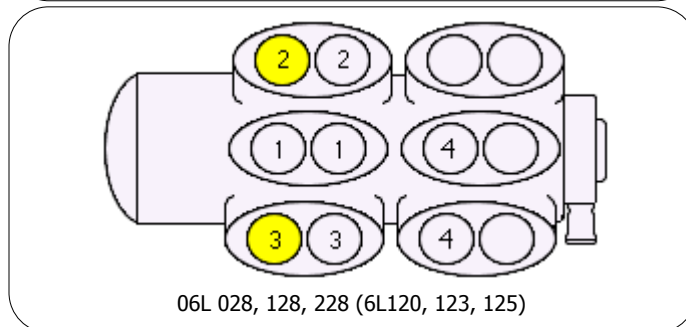
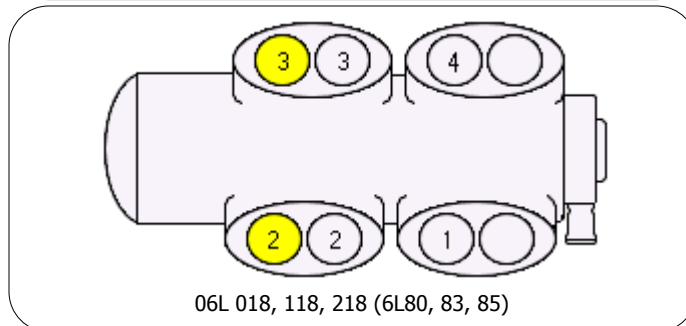
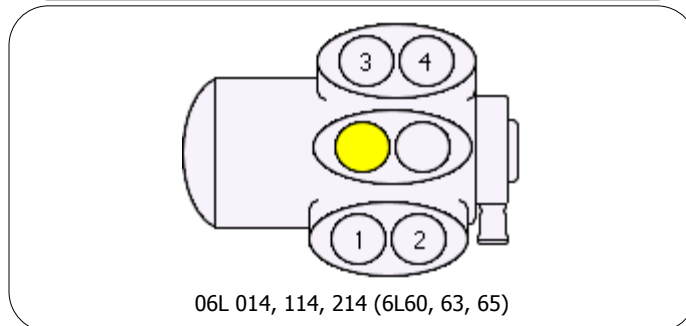
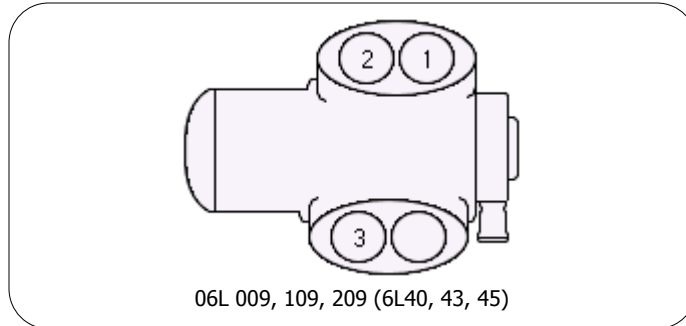


**Carrier/Carlyle
6L/06L Compressors
Unloading Characteristics**



Numbers indicate unloading sequence and number of cylinders that unload with each step. Highlighted cylinders indicate cylinders that may be permanently unloaded where necessary, by removing the suction valve(s).

**Carrier/Carlyle
5F/5H/6L Compressors
Unloading Characteristics**

TO ADJUST CONTROL POINT (5F40 - 60, 5H40 - 120, All 06L)

1. Impose an artificial load on the compressor until the suction pressure exceeds the control point.
2. Slowly close the suction service valve to lower the compressor suction pressure to control point pressure.
3. When at control point pressure, turn the external adjusting stem clockwise until the first step of unloading takes place, as indicated by changes in the control oil pressure, current draw, and sound of the compressor.

Control point is now set. Open the suction service valve.

The control point is adjustable as follows:

R-22, R-502	0 to 85 psig
R-12	0 to 50 psig

One full clockwise turn of the adjusting stem will raise the control point approximately 6 psig with R-12, or 10 psig with R-22 and R-502.

A control spring is installed underneath the external adjusting stem assembly for the proper range. A 7 pound spring is used for R-12 and an 11 pound spring is used for R-22 and R-502. The springs are physically different. The complete external adjusting assembly may be removed from the compressor without losing refrigerant.

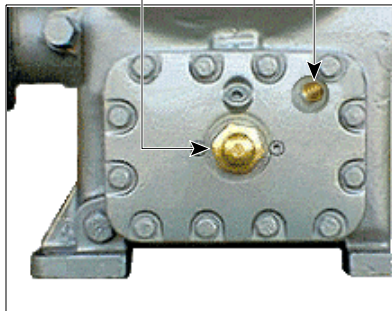


7 pound spring for R-12

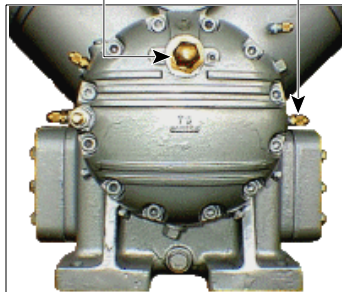


11 pound spring for R-22 & R-502

5F40-60 Capacity Control Adjustment
Control Oil Pressure



5H40-86 Capacity Control Adjustment
Control Oil Pressure



5H120-126 & All 06L Capacity Control Adjustment
Control Oil Pressure

