

Torque Values Carrier 5F Compressor			
Size Diam (in.)	Threads Per In.	Torque Range (lb – ft)	Usage
1/4	Pipe	20 - 25	Pipe Plug – Pump End Bearing
		20 - 25	Pipe Plug – Crankshaft
		20 - 25	Pipe Plug – Suction and Discharge Manifold Cover
1/4	28 NF	10 - 16	Unloader Power Element Assembly – Crankcase
		10 - 12	Unloader Cylinder Cover Plate – Unloader Cylinder Bracket
		12 - 12	Discharge Valve Cap Screw – Inner Seat
		12 - 20	Discharge Valve Guide Assembly – Valve Plate
		12 - 20	Oil Pump Cover – Pump End Bearing Head
		10 - 20	Auxiliary Control Valve Cover – Valve Body
5/16	24 NF	22 - 25	Connecting Rod Bolt – Locknut
		15 - 20	Capacity Control Valve – Hand Hold Cover
3/8	Pipe	30 - 35	Pipe Plug – Pump End Bearing Head
3/8	16NC	25 - 29	Cylinder Head – Crankcase
		25 - 29	Shaft Seal Cover Plate – Crankcase
		25 - 29	Bottom Plate – Crankcase
		25 - 29	Suction and Discharge Manifold Cover – Crankcase
		25 - 29	Pump End Bearing Head Assembly – Crankcase
		25 - 29	Hand Hole Cover – Crankcase
		25 - 29	Suction Manifold – Crankcase
3/8	24 NF	30 - 35	Flywheel Screw – Crankshaft
7/16	20 NF	25 - 30	Oil Return Check Valve Assembly – Crankcase
1/2	13 NC	80 - 85	Suction Service Valve – Crankcase
		80 - 85	Discharge Service Valve – Crankcase
5/8	11 NC	120 - 130	Suction Service Valve – Suction Manifold
5/8	18 NC	60 - 75	Magnetic Plug – Crankcase
		60 - 75	Magnetic Plug – Pump End Bearing Head
		60 - 75	Oil Bypass Plug – Pump End Bearing Head
		60 - 75	Modulating Valve Adapter – Pump End Bearing Head
		60 - 75	Lock Screw – Pump End Bearing Head
		18 - 22	Oil Relief Valve Assembly – Crankcase
		50 - 60	Cap – Oil Relief Valve Assembly
3/4	10 NC	45 - 50	Fly Wheel Locknut – Crankshaft
1 – 1/2	18 NEF	34 - 45	Sight Glass Clamping Gland – Hand Hold Cover
No. 6	32	8 - 10	Auxiliary Control Valve Cover – Valve Body