

Carlyle 05G Compressor Bolt Torques

USAGE	TORQUE RANGE	SIZE	THREADS
Bottom plate - crankcase	25-40	3/8	16
Brass Schrader valve	10-12.5	1/8	27 NPT
Brass Schrader valve	18-20.8	1/4	20 NPT
Connecting rod capscrew	8-14	1/4	20
Cover plate - pump end	15-21	5/16	18
Cylinder head	25-40	3/8	16
Discharge service valve	20-33	5/16	18
End flange	40-50	3/8	16
Oil level sight glass	35-50	1 1/2	18 NEF
Oil pump drive segment	8-18	1/4	28
Oil pump drive segment	4-6	#10	32
Oil return check valve	15-20	1/8	27 NPT
Pipe plug - crankshaft	8-12	1/16	27 NPT
Pipe plug - gauge connection	20-25	1/4	20 NPT
Pump end bearing head	25-40	3/8	16
Shaft seal cover	40-50	3/8	16
Suction service valve	55-80	1/2	13
Unloader valve	8-18	1/4	28

TORQUE RANGE = ft-lb. NPT = National Pipe Thread.

THREADS are per inch. NEF = National Extra Fine.

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Compressor Reference 2004