

York Z Model Compressor Bolt Torques

LOCATION	THREAD	GRADE	TORQUE
Access Cover	7/16-14 UNC	5	55-64 lb-ft
Bearing Head	7/16-14 UNC	5	55-64 lb-ft
Brass Schrader Valve	1/8-27 NPT	-	10-12.5 lb-ft
Brass Schrader Valve	1/4-20 NPT	-	18-20.8 lb-ft
Connecting Rod	5/16-18 UNC	5	19-21 lb-ft
Discharge Valve Disk (Style A)	5/16-24 UNF	8	25-30 lb-ft
Discharge Valve Disk (Style B)	5/16-24 UNF	8	29-34 lb-ft
Motor Cover	7/16-14 UNC	8	78-90 lb-ft
Oil Pump (Style A)	5/16-18 UNC	5	19-22 lb-ft
Oil Pump (Style B)	5/16-18 UNC	8	27-31 lb-ft
Oil Pump Cover	1/4-20 UNC	-	10 lb-ft
Power Term Stud Nut (Style A)	1/4-28 UNF	-	90-110 lb-in
Power Term Stud Nut (Style B)	1/4-28 UNF	-	60-70 lb-in
Protector Terminal Screw	8-32 UNC	-	30 lb-in
Rotor	5/8-11 UNC	5	169-195 lb-ft
Service Valve	5/8-11 UNC	2	107-123 lb-ft
Service Valve	1/2-13 UNC	2	54-62 lb-ft
Sight Glass	1-11½ NPT	-	95-100 lb-ft
Stator Locking Screws (Style B)	3/8-16 UNC	8	20-30 lb-ft
Terminal Block	5/16-18 UNC	5	19-22 lb-ft
Unloader Cover Plate (Style A)	5/16-18 UNC	2	13-15 lb-ft
Unloader Cover Plate (Style B)	5/16-18 UNC	8	27-31 lb-ft
Valve Cage/Valve Plate	5/16-18 UNC	5	19-22 lb-ft

All dimensions are in inches. NPT = National Pipe Thread.

UNC = Unified National Coarse. UNF =
Unified National Fine.

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Compressor Reference 2004