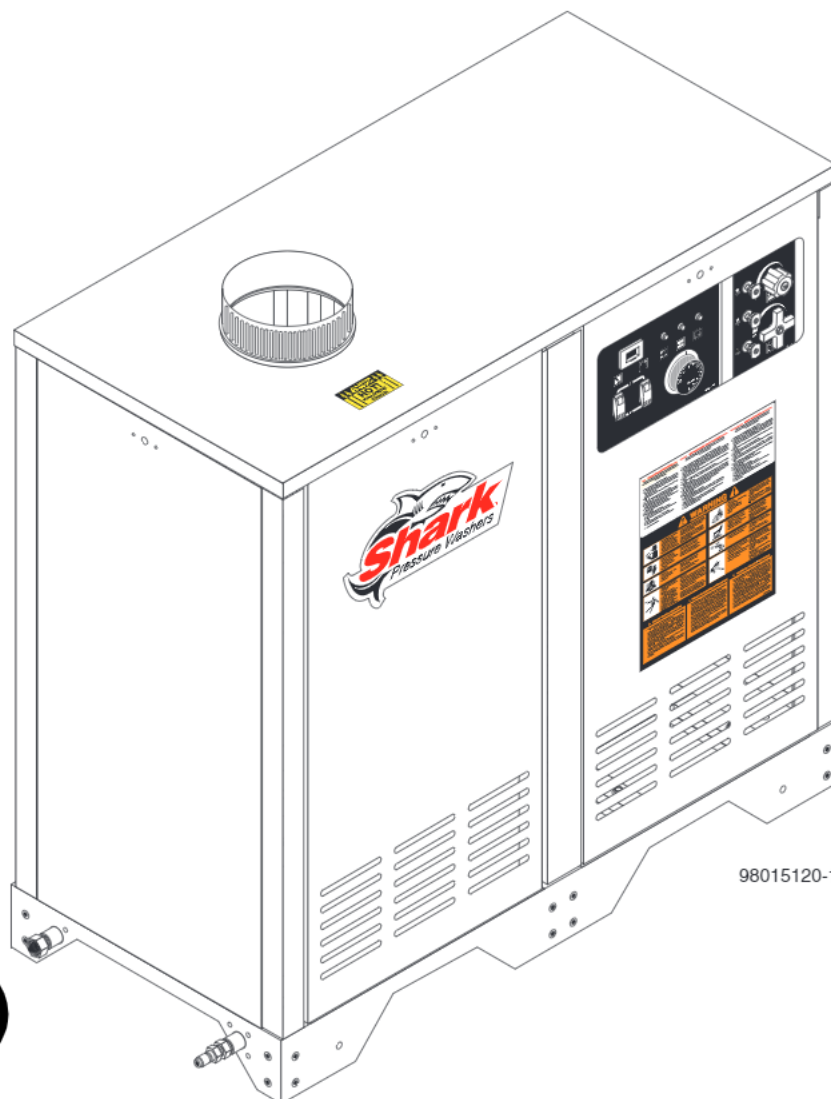




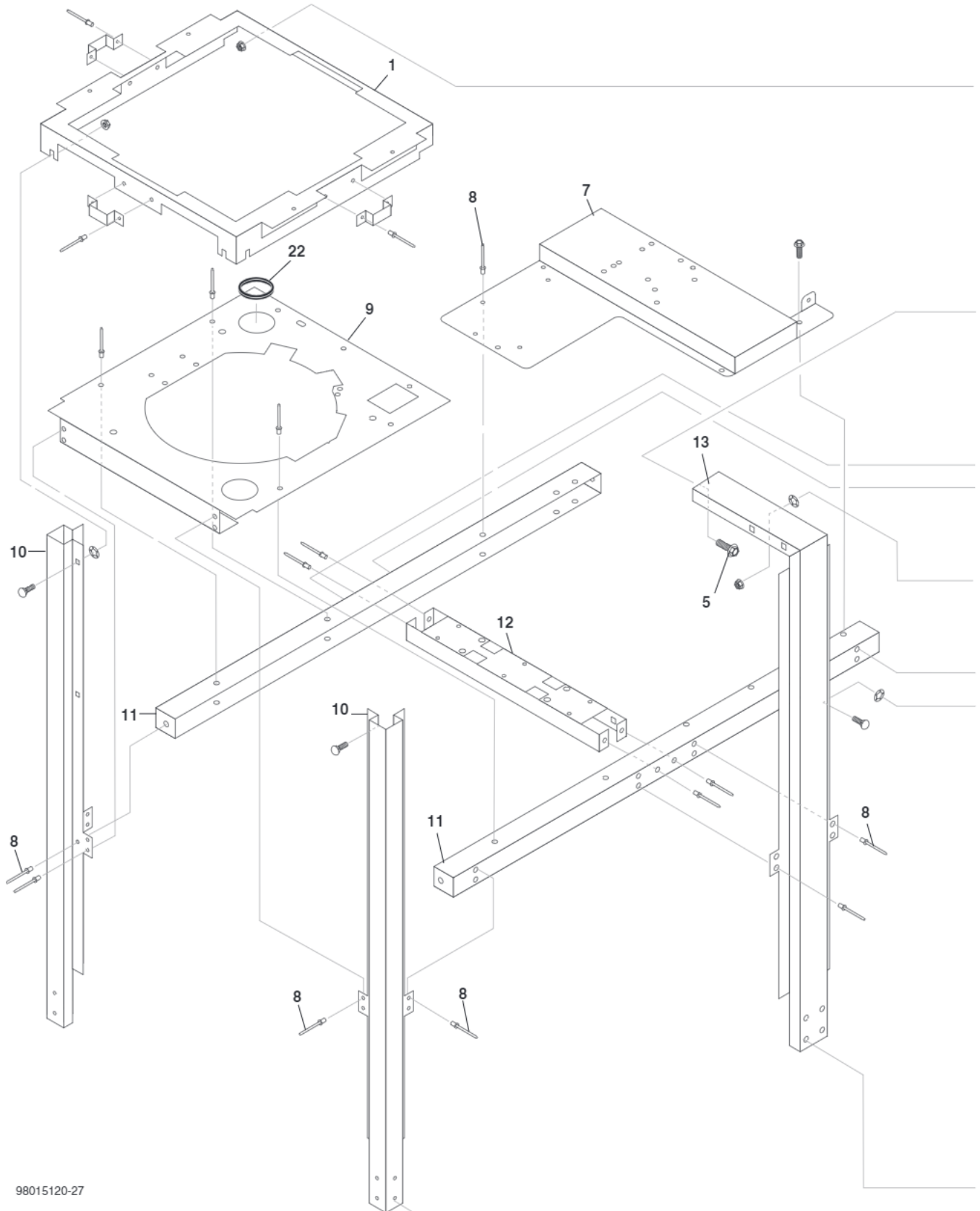
SNG/SLP

DEALER'S MANUAL



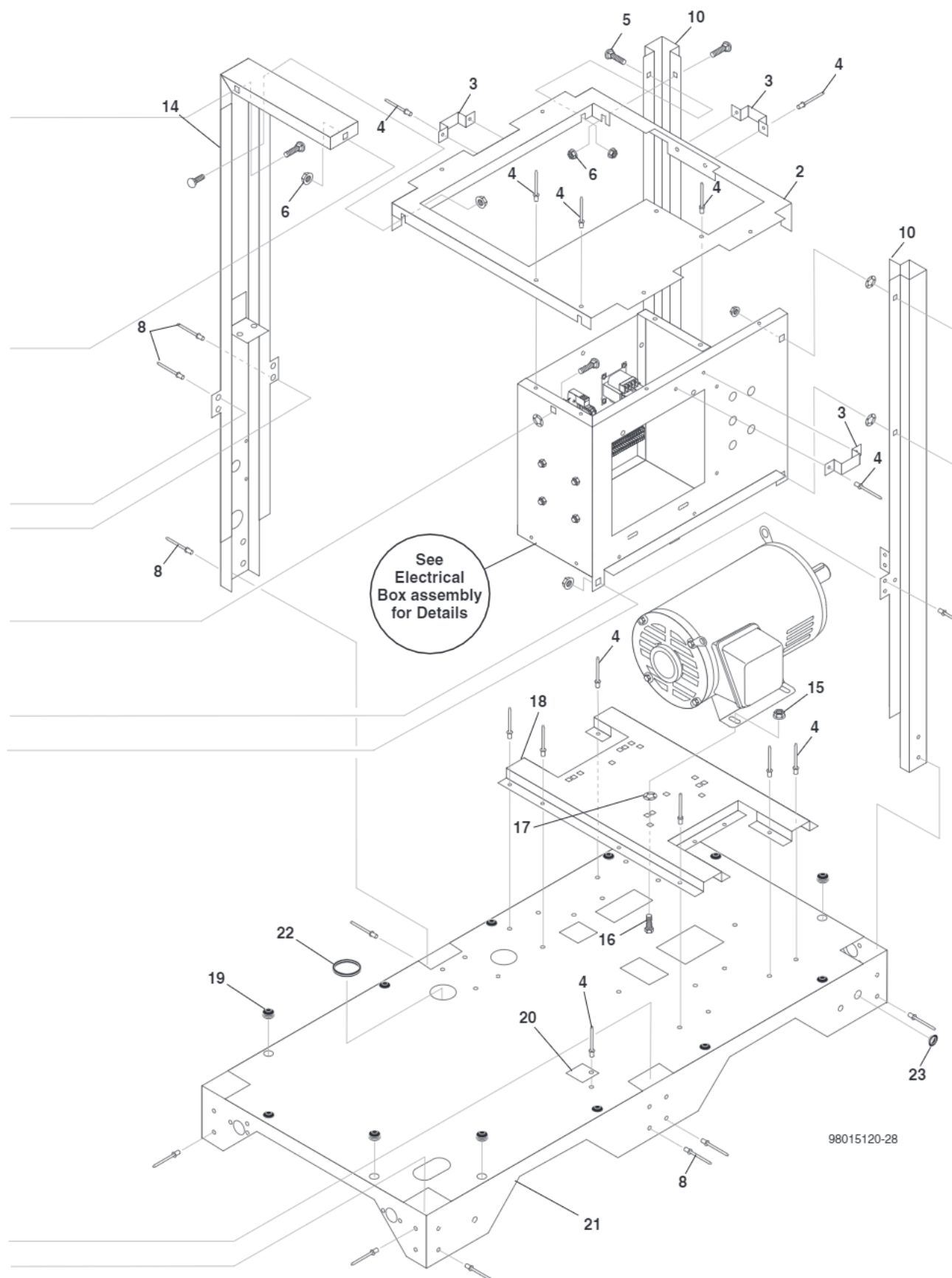
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|-----------------|------------------|-----------------|
| ■ SNG/SLP4-2000 | ■ SNG/SLP4-2200 | ■ SNG/SLP4-3000 |
| ■ SNG/SLP5-2300 | ■ SNG/SLP5-3000 | ■ SNG/SLP6-3200 |
| ■ SNG/SLP8-3200 | ■ SNG/SLP10-3000 | |
-

NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 FRAME ASSEMBLY



98015120-27

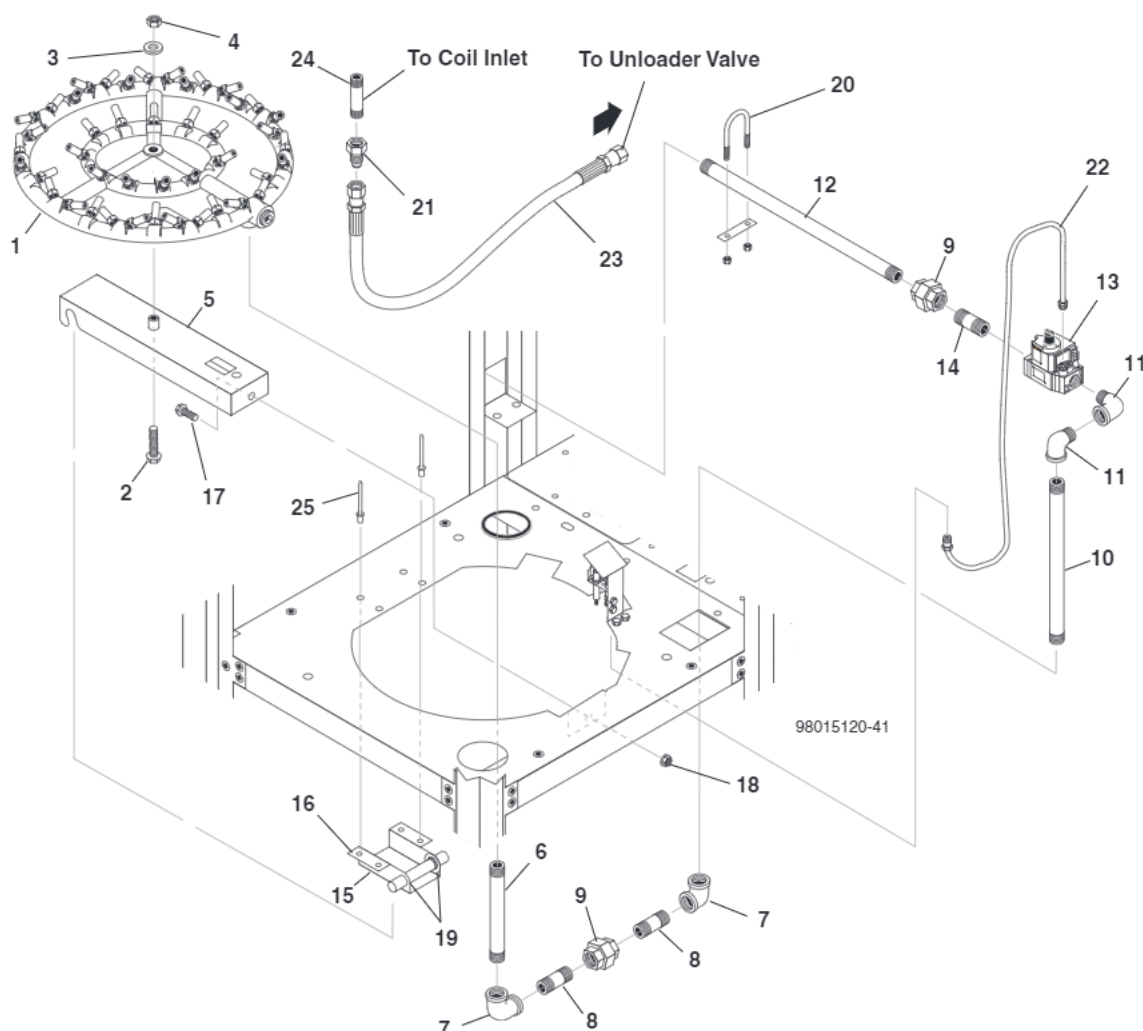
NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 FRAME ASSEMBLY



NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	8.921-387.0	Panel Support, Top Coil	1
2	8.921-386.0	Panel Support, Top Pump	1
3	8.921-389.0	Bracket, Door Latch	6
4	8.753-398.0	Rivet, 3/16 LPST	28
5	8.718-625.0	Bolt, 5/16-18 x 3/4 CRRG	25
6	9.802-778.0	Nut, 5/16" Whiz Loc	12
7	8.920-695.0	Rail, pump NG/SM	1
8	8.753-397.0	Rivet, 1/4" PRST	67
9	8.920-696.0	Base Plate, Coil NG/SM	1
10	8.921-406.0	Post, frame, NG/SM	4
11	8.921-407.0	Rail, Coil/Pump NG/SM	2
12	8.921-394.0	Bracket, Pump/Coil Center	1
13	8.921-404.0	Post, center, front, NG/SM	1
14	8.921-405.0	Post, center, rear, NG/SM	1
15	9.802-778.0	Nut, 5/16" Whiz Loc	25
	9.802-781.0	Nut, 3/8" Whiz Loc	4
16	8.718-625.0	Bolt, 5/16"-18 x 3/4" CRRG	4
	8.753-546.0	Bolt, 3/8" x 1" CRRG	4
17	8.718-873.0	Nut, Retainer, 5/16"	8
	8.751-125.0	Nut, Retainer, 3/8"	5
18	8.920-699.0	Plate, motor, NG/SM	1
19	8.706-547.0	Grommet, 1/2"x 1"x 1/2"	12
20	8.921-385.0	Mirror	1
21	8.921-383.0	Base, NG/SM	1
22	8.706-534.0	Grommet, 2" rubber	3
23	8.802-103.0	Bushing, 5/8" Snap	1

NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 BURNER ASSEMBLY

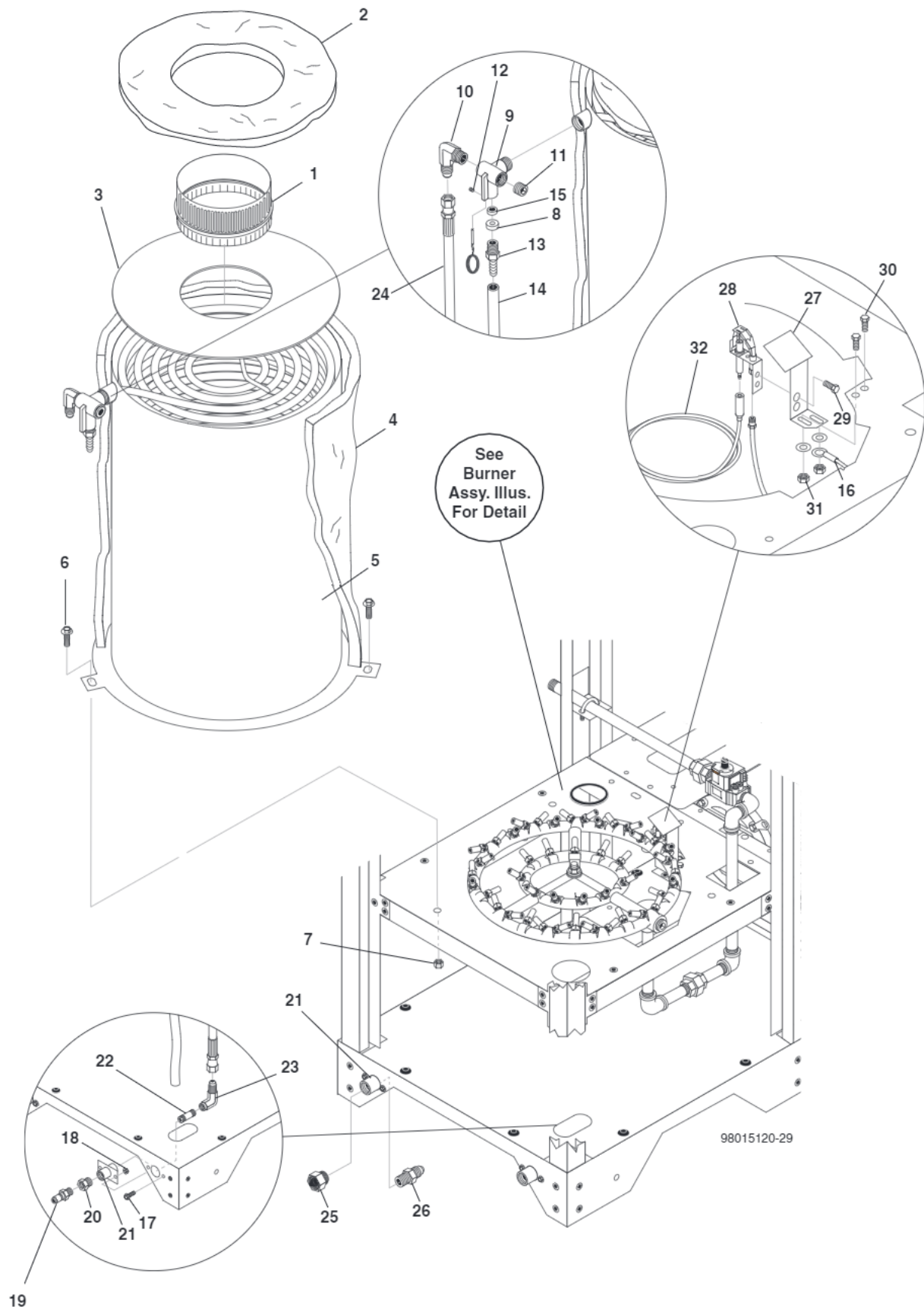


NG 4-2000, 4-2200, 4-3000 5-2300, 5-3000 BURNER PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.718-055.0	Burner Ring x 44 w/# 54 Nozzles (4-2, 4-22, 4-3 Natural Gas)	1	12	8.753-465.0	Nipple, 3/4" x 14" black pipe	1
	8.725-894.0	Burner Ring x 44 w/# 52 Nozzles (5-23, 4-22, 5-3 Natural Gas)	1	13	9.803-616.0	Valve, 3/4" NG, 24V, Honeywell	1
	8.718-060.0	Burner Ring x 44 w/# 63 Nozzles (4-2, 4-22, 5-3 LP)	1	14	9.802-017.0	Nipple, 3/4" x Close	1
	8.753-526.0	Burner Ring x 44 w/# 69 Nozzles (5-23, 5-3, 5-3 LP)	1	15	8.921-410.0	Rod, .625 x 4.250	1
2	9.803-560.0	Screw, 3/8" x 2" Whiz Loc	1	16	8.921-392.0	Bracket, Hinge	1
3	8.920-698.0	Spacer, Bracket, Ring NG/SM	1	17	9.803-551.0	Screw, 5/16 Whiz Loc	1
4	9.802-781.0	Nut, 3/8" Whiz Loc	1	18	8.718-897.0	Nut, 5/16 Extruded	1
5	8.920-697.0	Bracket, Burner ring NG/SM	1	19	8.718-870.0	Nut, 5/8 Push	2
6	9.803-561.0	Nipple, 3/4" x 5" black pipe	1	20	9.802-718.0	U-Bolt 5/16 x 1	1
7	9.802-027.0	Elbow, 3/4" 90°, Pipe	2	21	8.706-319.0	Nipple, 1/2 JIC x 1/2 FPT	1
8	9.802-019.0	Nipple, 3/4" x 2" black pipe	2	22	9.802-911.0	Tubing, Aluminum	36
9	9.802-049.0	Union, 3/4" black pipe	2	23	8.918-425.0	Hose, 3/8 x 29"	1
10	9.802-021.0	Nipple, 3/4" x 9" black pipe	1	24	9.802-015.0	Nipple, 1/2" x 4" Pipe	1
11	8.706-184.0	Elbow, 3/4" street, Pipe	2	25	8.753397.0	Rivet, 1/4" PRST	4

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NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 COIL ASSEMBLY

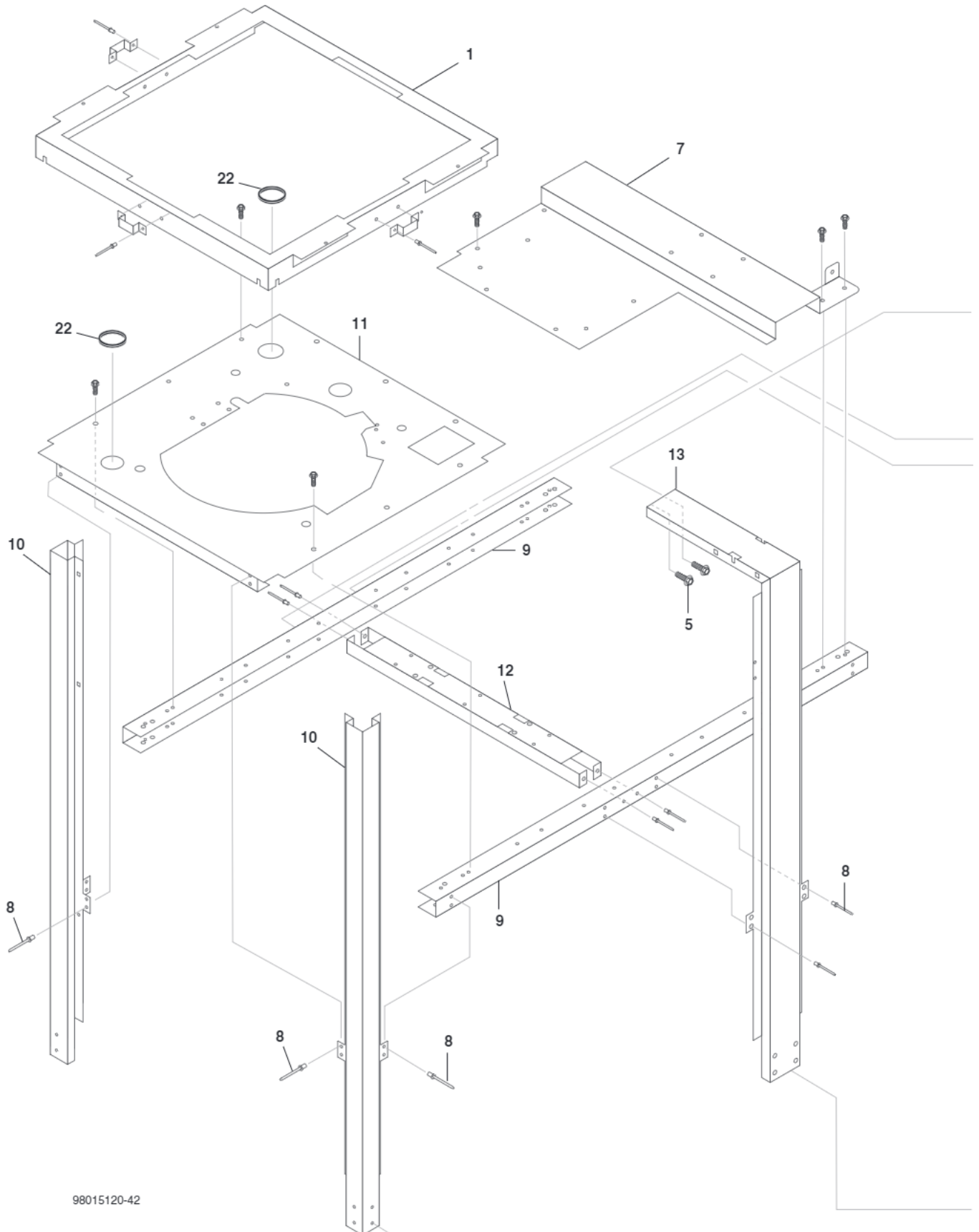


NG 4-2000, 4-2200, 4-3000 5-2300, 5-3000 COIL PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	8.753-493.0	Start Collar 10"	1
2	8.930-140.0	Insulation, Top Head,	1
3	8.921-388.0	Retainer, Insulation Coil Top	1
4	8.753-466.0	Insulation, Blanket	1
5	8.921-380.0	Wlmt, Coil, 20" gas NG/SM	1
6	9.802-767.0	Screw, 3/8 x 3/4 Whiz Loc	3
7	9.802-781.0	Nut, 3/8 NC Whiz Loc	3
8	9.184-030.0	Spacer, Rupture Disk	1
9	9.149-003.0	Manifold Coil Outlet Discharge	1
10	9.802-039.0	Elbow, 1/2" JIC x 3/8 NPT	1
11	8.706-248.0	Plug, 3/8" Allen	1
12	9.196-012.0	Screw, 10-24 x 1/4" HEX	1
13	8.707-019.0	Push-On 1/2" Barb x 3/8 MPT	1
14	9.802-259.0	Hose 1/2" Push-On	40"
15	8.725-944.0	Rupture Disk 8000 PSI Red	1
16	8.715-967.0	Wire, NTW 16 GA, Green	36"
17	8.726-103.0	Screw, 1/4"-20 x 5/8" Whiz Loc	4
18	8.718-817.0	Nut, 1/4" Whiz Loc	4
19	9.802-171.0	Coupler, 3/8 Plug Male	1
20	8.706-294.0	Bushing 1/2" x 3/8" steel	1
21	8.912-530.0	Wlmt, Plate Discharge Coupling	2
22	9.802-014.0	Nipple, 1/2" x 3"	1
23	9.802-043.0	Elbow, 1/2" JIC x 1/2" FEM	1
24	8.918-211.0	Hose, 3/8 x 40", 2-Wire	1
25	9.802-146.0	Swivel, 1/2" x MP 3/4" GHF	1
26	9.802-128.0	Nipple, 1/2" x JIC 1/2" MPT	1
27	8.921-411.0	Shield, pilot , NG/SM	1
28	9.803-610.0	Pilot, ignitor, NG	1
29	9.802-772.0	Screw, 10/32" x 1/4"	2
30	8.726-103.0	Screw, 1/4"-20 x 5/8" Whiz Loc, Black	2
31	8.718-817.0	Nut, 1/4" Whiz Loc	2
32	8.920-908.0	Cable, ignition, 37"	1

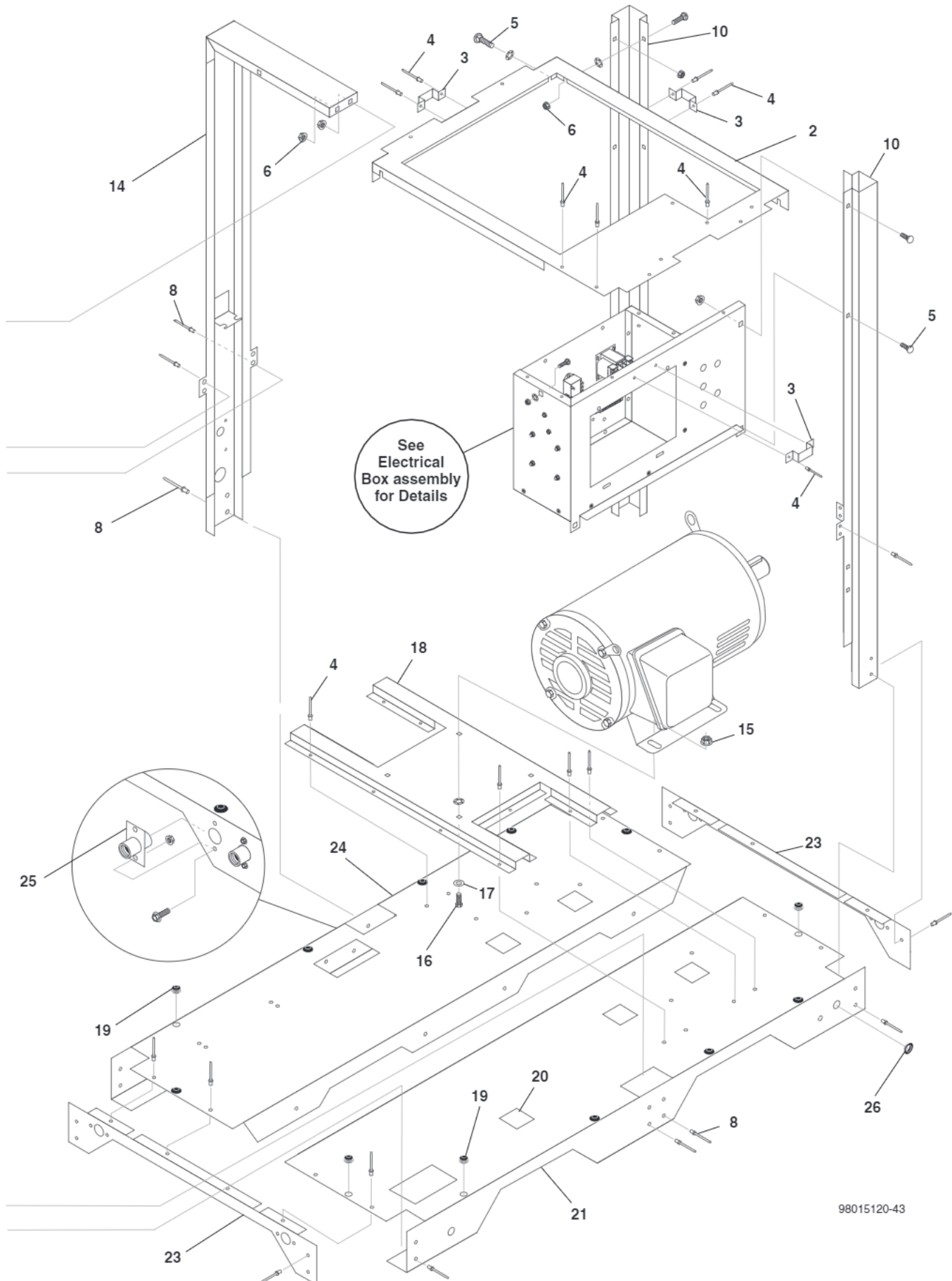
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NG 6-3200, 8-3200, 10-3000 FRAME ASSEMBLY



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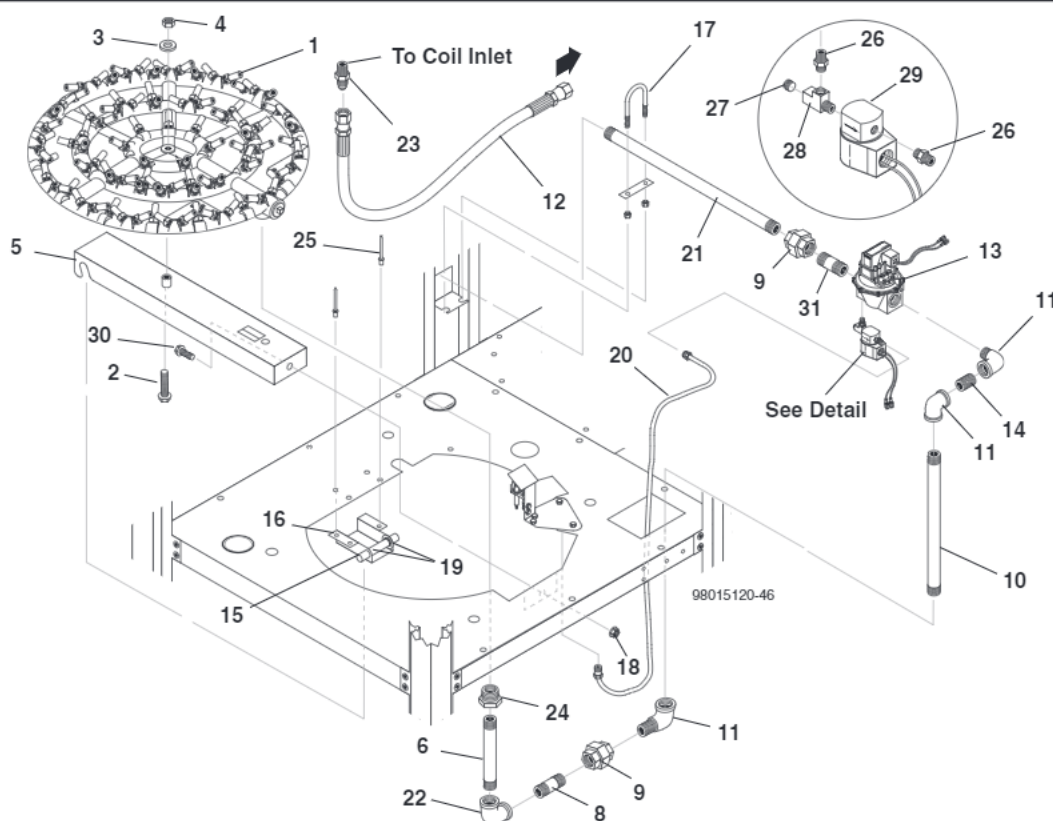
NG 6-3200, 8-3200, 10-3000 FRAME ASSEMBLY



NG 6-3200, 8-3200, 10-3000 PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	8.921-642.0	Panel, Support, Top, Coil Side, NG/LM	1
2	8.921-643.0	Panel, Support, Top, Pump Side, NG/LM	1
3	8.921-389.0	Bracket, Door Latch, NG/LM	6
4	8.753-398.0	Rivet, 3/16" LPST	43
5	8.718-625.0	Bolt, 5/16" x 18 x 3/4", NC CRRGE ANC (6159)	25
6	9.802-778.0	Nut, 5/16" Whiz Loc Flange	35
7	8.921-634.0	Rail, Pump, NG/LM	1
8	8.753-397.0	Rivet, 1/4" PRST	79
9	8.921-632.0	Rail, Coil/Pump, NG/LM	2
10	8.921-629.0	Post, Frame, NG/LM	4
11	8.921-641.0	Base Plate, Coil, NG/LM	1
12	8.921-633.0	Bracket, Pump/Coil, Center NG/LM	1
13	8.921-630.0	Post, Center, Front, NG/LM	1
14	8.921-631.0	Post, Center, Rear, NG/LM	1
15	9.802-781.0	Nut, 3/8" NC, Whiz Loc Flange	10
16	8.753-546.0	Bolt, 3/8- 16 x 1" Carriage ZNC	4
17	8.751-125.0	Nut, 3/8 Push, Bolt Retainer	5
18	8.921-651.0	Plate, Motor, NG/LM	1
19	8.706-547.0	Grommet, 1/2' x 1' x 1/2	12
20	8.921-385.0	Mirror	1
21	8.921-627.0	Base, Half, Front, NG/LM	1
22	8.706-534.0	Grommet, 2"Rubber, Water Blaster	2
23	8.921-628.0	Support, Base, NG/LM	2
24	8.921-626.0	Base, Half, Rear, NG/LM	1
25	8.912-530.0	Assy, Plate, Discharge Coupling, VNG	2
26	9.802-103.0	Bushing, 5/8" Snap	

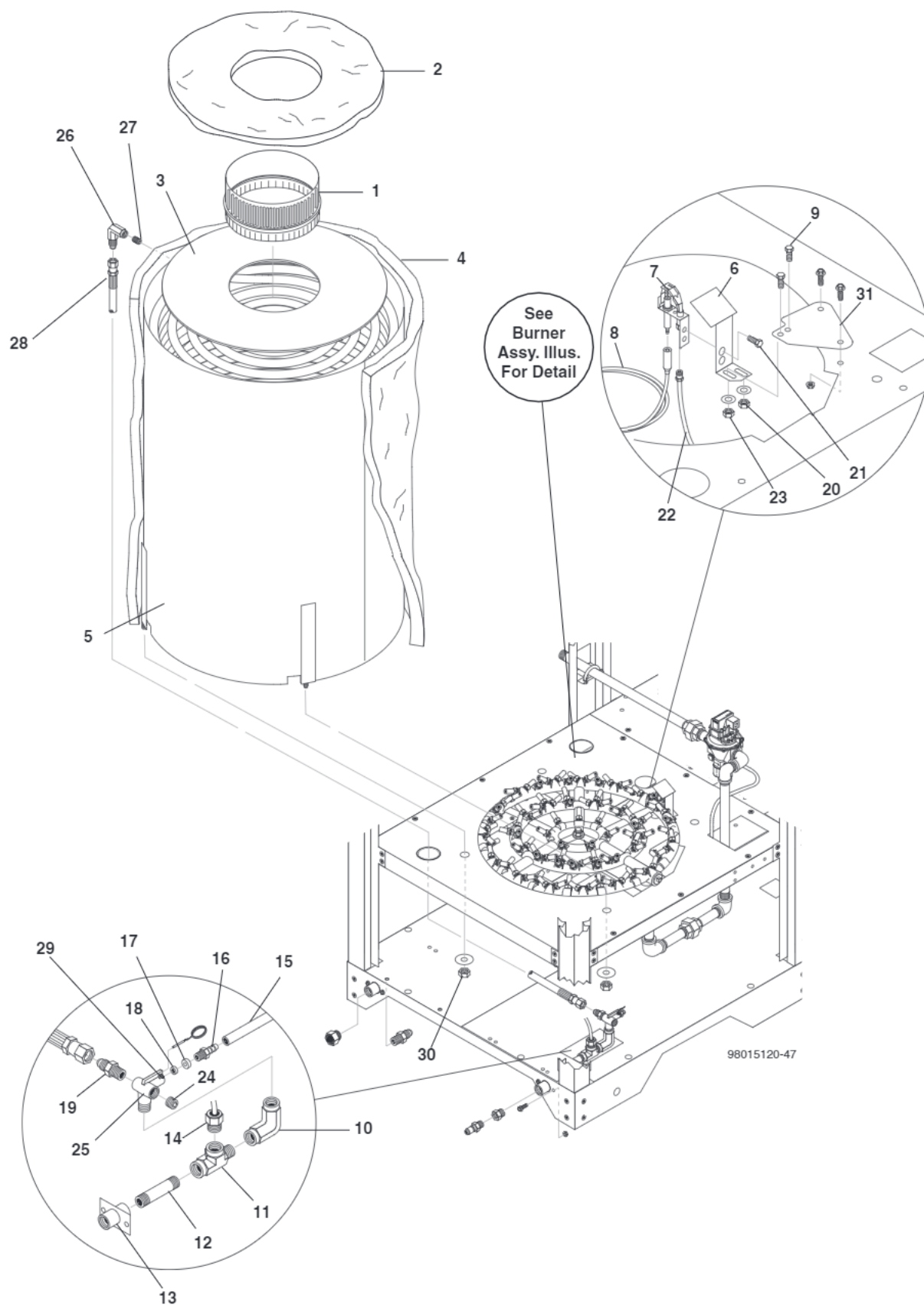
NG 6-3200, 8-3200, 10-3000 BURNER ASSEMBLY



NG 6-3200, 8-3200, 10-3000 BURNER PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.718-059.0	Burner Ring x 44 w/ #50 Nozzles, (6-3200 Natural Gas)	1	13	8.718-050.0	Valve 1", Natural Gas 24V, Large	1
	8.750-102.0	Burner Ring x 44 w/ #56 Nozzles, (6-3200 Liquid Propane)	1	14	8.706-118.0	Nipple, 1" Close, 3500 PSI	1
	8.749-968.0	Burner Ring x 88 w/ #52 Nozzles, (8-3200, 10-3000 Natural Gas)	1	15	8.921-410.0	Rod, 0.625 x 4.250	1
	8.753-527.0	Burner Ring x 88 w/ # 60 Nozzles, (8-3200, 10-3000 Liquid Propane)	1	16	8.921-393.0	Bracket, Hinge, Burner Ring NG	1
2	9.803-560.0	Screw, 3/8" x 2", Whiz Loc Flange	1	17	9.802-718.0	U-Bolt, 5/16 x 1", Pipe	1
3	8.920-698.0	Spacer, Bracket, Ring NG/SM	1	18	8.718-897.0	Nut, Extruded U-Nut, 5/16 -18	1
4	9.802-781.0	Nut, 3/8" Whiz Loc Flange	1	19	8.718-870.0	Nut, .61 x 18, Push Flat	2
5	8.921-636.0	Bracket, Burner Ring NG/LM	1	20	9.802-911.0	Tubing, Aluminum per Inch	24
6	8.706-022.0	Nipple, 1" x 6", Black Pipe (8-3200, 10-3000)	1	21	8.719-959.0	Nipple, 1" x 18", Black Pipe	1
	8.706-020.0	Nipple, 3/4" x 6", Black Pipe (6-3200)	1	22	9.802-028.0	Elbow, 1" x 3/4", Black Pipe (6-3200)	1
7	9.802-026.0	Elbow, 1", Black Pipe 90° (8-3200, 10-3000)	1		9.802-026.0	Elbow, 1" Black Pipe (8-3200, 10-3000)	1
8	8.706-050.0	Nipple, 1 x 8" Black Pipe	1	23	9.802-128.0	Nipple, 1/2" JIC x 1/2" MPT	1
9	8.706-323.0	Union, 1" Black Pipe	2	24	8.706-047.0	Bushing, 1-1/4' x 1" Steel (8-3200, 10-3000)	1
10	8.706-021.0	Nipple, 1" x 11" Black Pipe	2	25	8.753-397.0	Rivet, 1/4" PRST	4
11	8.706-183.0	Elbow, 1" Street, 90°, Black	2	26	8.706-878.0	Nipple, 1/4" x 1/8"	2
12	8.918-227.0	Hose, 1/2" x 36", 2 Wire, Pressure Loop	1	27	8.706-865.0	Plug, 1/4"	1
				28	8.706-858.0	Tee, 1/4" Street	1
				29	9.803-612.0	Solenoid, Pilot Valve	1
				30	9.803-551.0	Screw, 5/16" x 3/4"	1
				31	8.706-019.0	Nipple, 1" x 5", Black Pipe	1

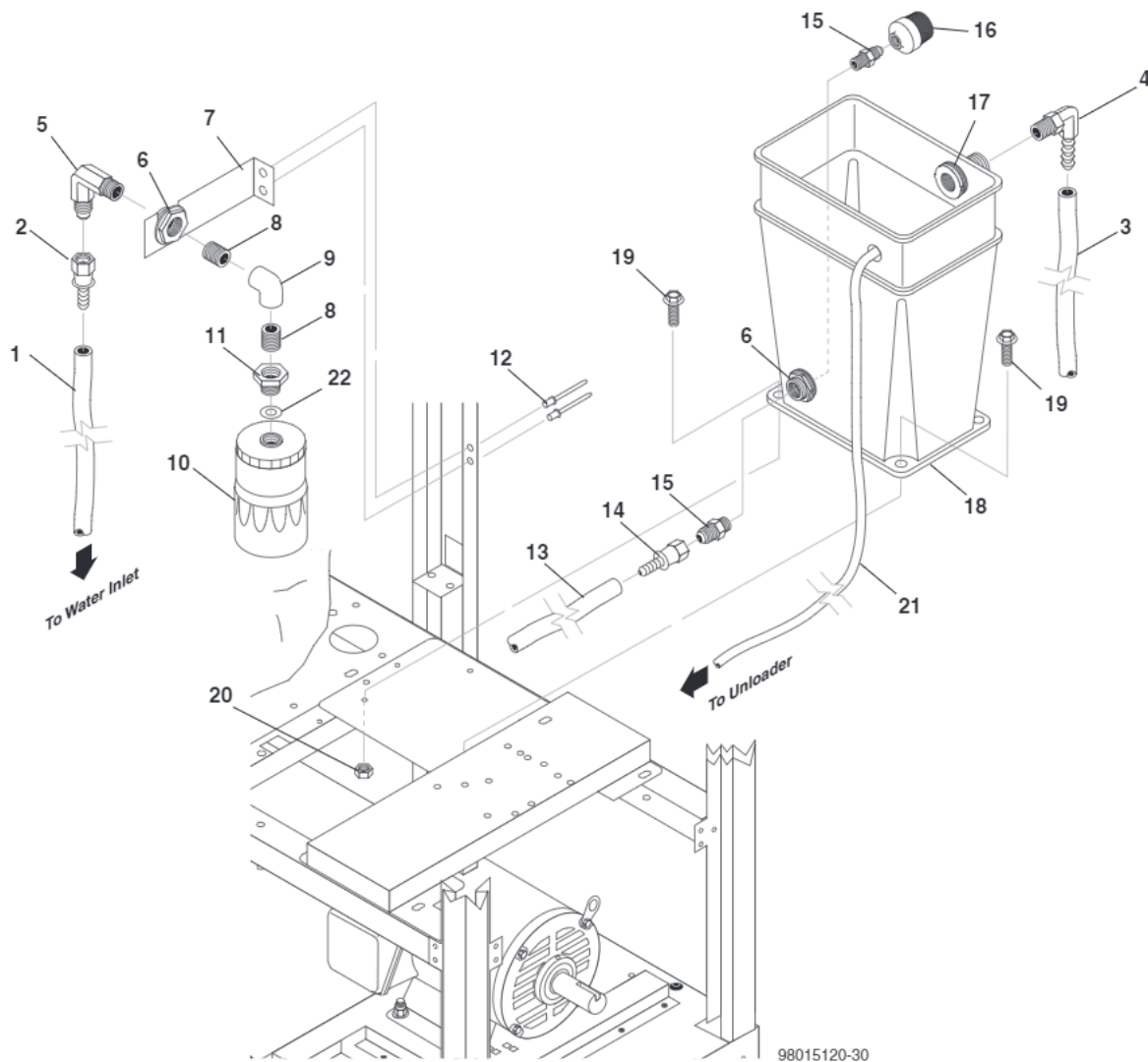
NG 6-3200, 8-3200, 10-3000 COIL ASSEMBLY



NG 6-3200, 8-3200, 10-3000 COIL ASSEMBLY PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	8.753-494.0	Start Collar 12"	1
2	8.753-549.0	Insulation, Top Head, 30"OD x 12"ID Fiberglass	1
3	8.921-650.0	Retainer, Insulation Coil Top, NG/LM	1
4	8.753-540.0	Insulation, Blanket 1" THK x 39" W x 90" L	1
5	8.921-826.0	Wlmt, Coil Assy, NG/LG	1
6	8.921-411.0	Shield, Pilot, NG/LM	1
7	9.803-610.0	Pilot, Ignitor, P, NG	1
8	9.803-562.0	Cable, Ignition, 48"	1
9	8.726-103.0	Screw, 1/4-20 x 5/8", Whiz Loc Black CAD	2
10	8.706-172.0	Elbow, 1/2 FEM 90°	1
11	8.706-236.0	Tee, 1/2", Street-P/N-TF3759X8	1
12	9.802-015.0	Nipple, 1/2" x 4 GALV SCH 80 MPT	1
13	8.912-530.0	Wlmt, Plate Discharge Coupling VNG	2
14	8.712-187.0	Switch, SNAP, 275 DR HI-Limit	1
15	9.802-259.0	Hose 1/2" Push-On/FT	1
16	8.707-019.0	Push-On, 1/2" Barb x 3/8" MPT	1
17	9.184-030.0	Spacer, Rupture Disk	1
18	8.725-944.0	Rupture Disk, 8000 PSI, Red	1
19	9.802-036.0	Nipple, 1/2" JIC x 3/8" MPT, Steel	1
20	8.715-967.0	Wire, MTW 16 GA, Green/FT	5
21	9.802-772.0	Screw, 10/32" x 1/4", HWH Roloc, ZN	2
22	9.802-911.0	Tubing, Aluminum, 600"/RL1/4" 37-961464, PER	24
23	9.802-775.0	Nut, 1/4" Flange, ZN	2
24	8.706-248.0	Plug, 3/8" Allen Counter Sunk	1
25	9.149-003.0	Manifold Coil Outlet Discharge	1
26	9.802-043.0	Elbow, 1/2" JIC x 1/2" FPT	1
27	9.802-014.0	Nipple, 1/2" x 3"	1
28	8.918-230.0	Hose, 1/2" x 70" 2 Wire	1
29	9.196-012.0	Screw, 10/24" x 1/4"	1
30	9.802-781.0	Nut, 3/8" Whiz Loc	1
31	8.921-709.0	Adapter Plate, Pilot Assy (6.3/32)	1

NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 FLOAT TANK ASSEMBLY



NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 FLOAT TANK PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	9.802-259.0	Hose, 1/2" Push-On	51"
2	9.802-151.0	Swivel, 1/2" Barb x 1/2" JIC	2
3	9.802-261.0	Hose, 3/4" Push-On	52"
4	9.802-050.0	Elbow, 3/4" Barb x 3/4" MPT	90
5	9.802-131.0	Elbow, 1/2" JIC x 1/2" MPT	1
6	8.750-743.0	Bulkhead, 1/2" Polypro	2
7	8.921-390.0	Bracket, float valve NG/SM	
8	8.706-467.0	Nipple, 1/2" PVC, close	2
9	8.706-370.0	Elbow, 1/2" FPT x FPT PVC	1
10	8.710-036.0	Valve, float, 1" Hudson	1
11	8.753-497.0	Bushing 1/2" x 1" PVC	1
12	8.753-937.0	Rivet, 1/4" PRST	2

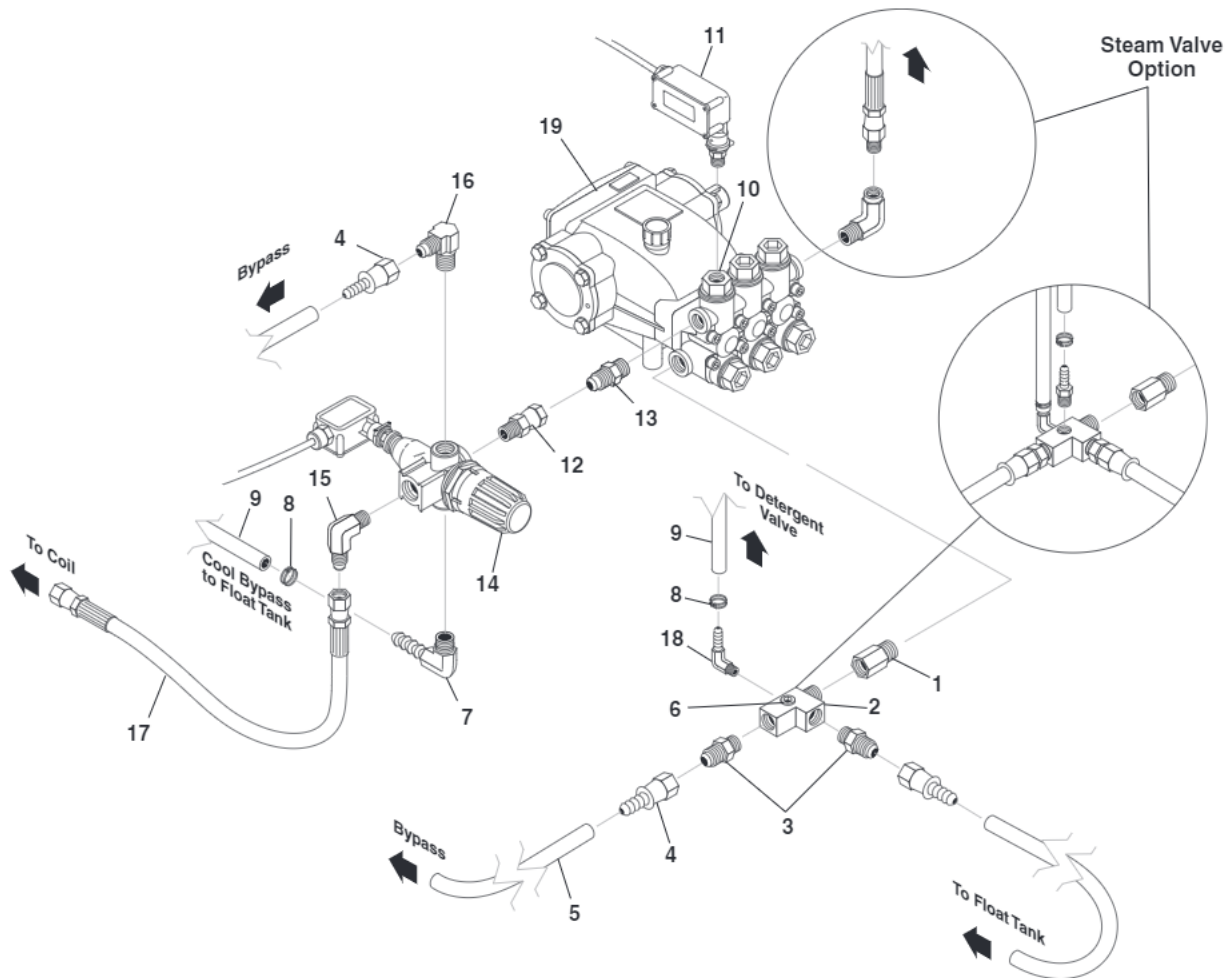
ITEM	PART NO.	DESCRIPTION	QTY
13	9.802-259.0	Hose, 1/2" Push-On	19"
14	9.802-151.0	Swivel, 1/2" Barb x 1/2" JIC FEM	2
15	9.802-128.0	Nipple, 1/2" JIC x 1/2" MPT, Pipe	2
16	8.707-061.0	Strainer, 1/2" basket	1
17	9.802-052.0	Bulkhead, 3/4" Polypro	1
18	8.921-824.0	Tank, Float, 2.6 gal. w/Holes	1
19	9.802-764.0	Screw, 10/32" x 3/4" Hex	2
20	9.802-695.0	Nut, 10/32" KEPS	2
21	9.802-252.0	Hose, 1/4" Braided Vinyl	2
22	8.751-823.0	Washer, 7/16 SS	1



NG 6-3200,8-3200,10-3000 FLOAT TANK PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
11	8.753-497.0	Bushing 1" MPT x 1/2" FPT, PVC 40	1
12	8.710-036.0	Valve, Float, 1" Hudson	1
13	9.802-050.0	Elbow, 3/4" Barb x 3/4" MPT PVC	90
14	8.751-823.0	Washer, 7/16" Flat SAE, SS	1
15	9.803-557.0	Elbow, 3/4" MSAE x 3/4" MPT, Brass	1
16	9.802-052.0	Bulkhead, 3/4" Polypro	3
17	8.750-743.0	Bulkhead, 1/2" Polypro	1
18	8.706-899.0	Nipple, 3/4" JIC x 3/4" Pipe	1
19	9.802-753.0	Screw, 1/4"-20 x 3/4" Whiz Loc	4
20	8.706-923.0	Bushing 3/4" x 1/4"	2

NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000, PUMP ASSEMBLY

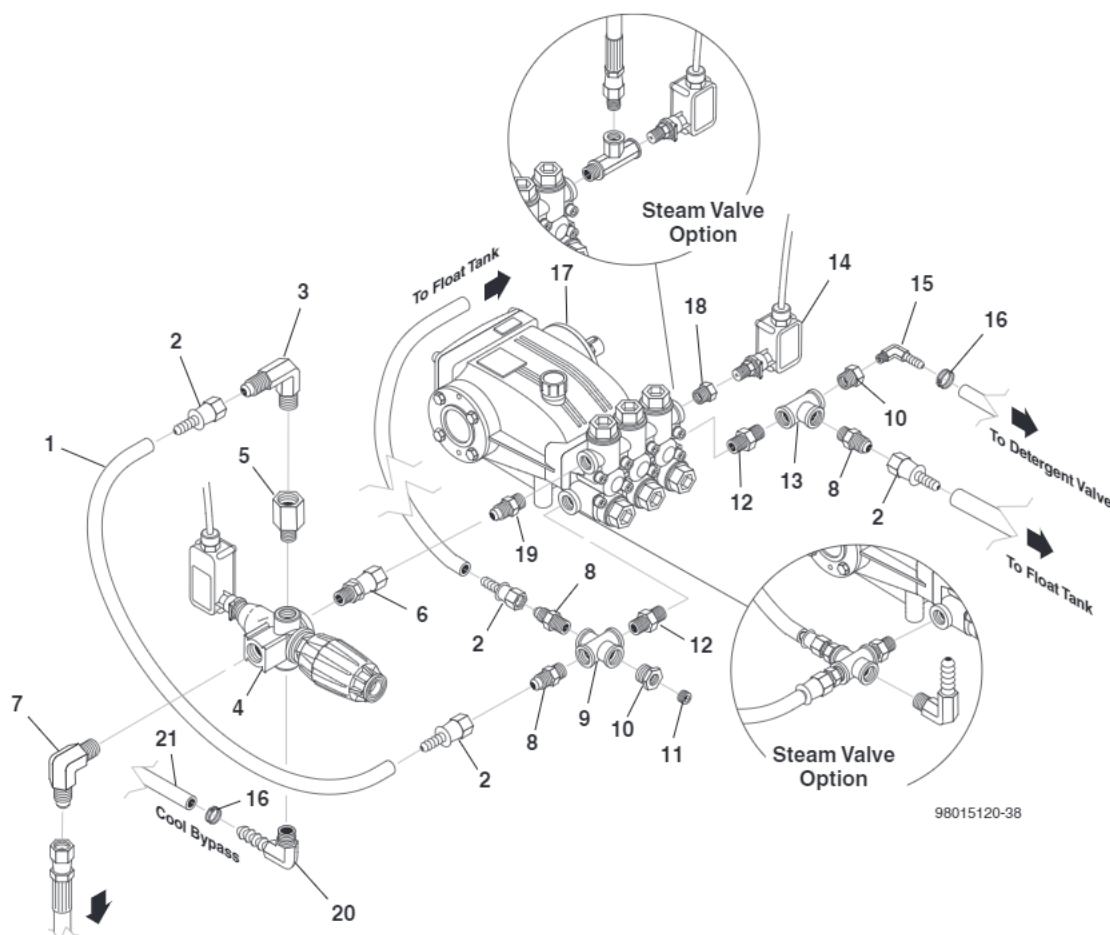


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NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000, PUMP PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.706-984.0	Adapter 1/2" FPT x 1/2" MPT	1	11	9.802-458.0	Switch, Pressure N/O NPT	1
2	9.803-050.0	Tee, 1/2" Street w/2 Holes	1	12	9.802-048.0	Swivel, 1/2" JIC FPT x 3/8" MPT	1
3	9.802-128.0	Nipple, 1/2" JIC x 1/2" MPT	2	13	9.802-036.0	Nipple, 1/2" JIC x 3/8" MPT Steel	1
4	9.802-151.0	Swivel, 1/2" Barb x 1/2" JIC FEM	1	14	8.750-955.0	Unloader, VRT3 w/switch	1
5	9.802-259.0	Hose, 1/2" Push-On	15"	15	9.802-039.0	Elbow, 1/2" JIC x 3/8" MPT, steel	1
6	8.706-864.0	Plug, 1/8" Countersunk	1	16	9.802-129.0	Elbow, 1/2" JIC x 3/8" MPT,	1
7	8.706-965.0	Hose Barb, 1/4" Barb x 3/8" MPT 90°	1	17	8.918-425.0	Hose, 3/8" x 29"	1
8	6.390-126.0	Clamp, Hose, .46 -.54 ST	2	18	8.706-955.0	Hose Barb, 1/4" x 1/8" MPT, 90°	1
9	9.802-252.0	Hose, 1/4 x 1/2 Braided Vinyl/FT	24"	19		See specifications (Page 64)	
10	9.802-632.0	Cap, Valve 24mm w/1/4" gauge port	1				

NG 6-3200, 8-3200, 10-3000 PUMP ASSEMBLY

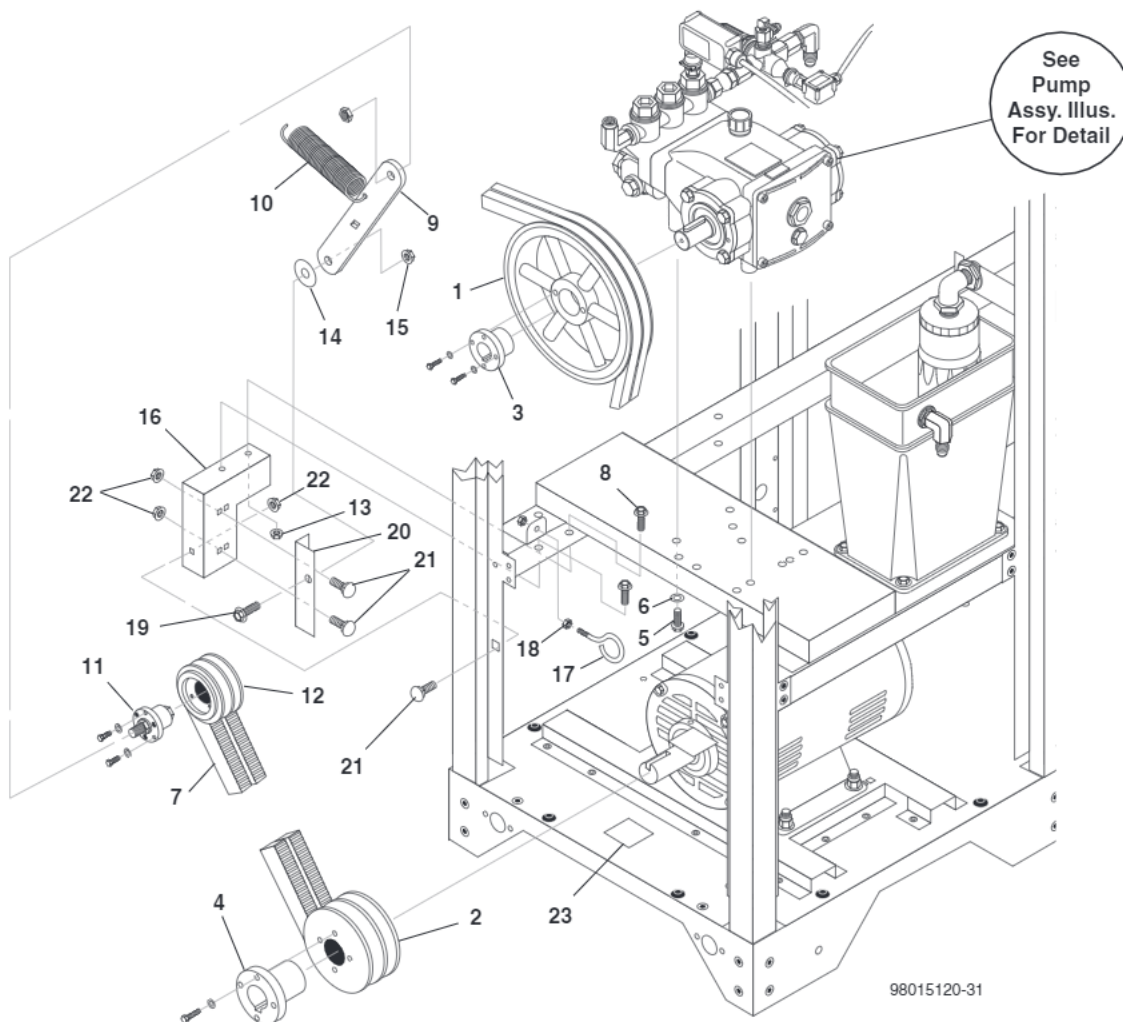


NG 6-3200, 8-3200, 10-3000 PUMP PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	9.802-261.0	Hose, 3/4" Push-On	18"
2	9.802-152-0	Swivel, 3/4" SAE FEM Push-On	2
3	9.802-132.0	Elbow, 3/4" MSAE x 1/2" MPT, Brass	1
4	8.750-955.0	Unloader, VRT3 w/Switch	1
5	8.706-992.0	Adapter, 1/2" x FPT x 3/8" MPT Brass	1
6	9.802-048.0	Swivel 1/2" JIC FPT, 3/8" MPT, Steel	1
7	9.802-039.0	Elbow, 1/2" JIC x 3/8" MPT, Steel	1
8	8.706-899.0	Nipple, 3/4" JIC x 3/4" Pipe	3
9	8.706-852.0	Cross, 3/4" Female Pipe P/N-3950-12	1
10	8.706-923.0	Bushing, 3/4" x 1/4" Brass	2
11	8.706-865.0	Plug, 1/4" NPT Counter Sunk	1
12	8.706-800.0	Nipple, 3/4" Hex, Brass (8-3200,10-3000)	2
	8.706-881.0	Nipple, 3/4" x 1/2" MPT	2

ITEM	PART NO.	DESCRIPTION	QTY
13	8.706-846.0	Tee, 3/4" Female Pipe Brass	1
14	9.802-458.0	Switch, Pressure N/O 1/4 NPT SS	1
15	8.706-958.0	Hose Barb x 1/4" MPT 90°	1
16	6.390-126.0	Clamp, Hose, .46 -.54 ST	2
17		See specifications (Page 64)	
18	8.706-282.0	Bushing, 1/2" x 1/4" Steel (8-3200,10-3000)	1
	8.706-297.0	Bushing, 3/8" x 1/4" Steel (6-3200)	1
19	9.802-038.0	Nipple, 1/2" JIC x 1/2" MPT, Steel (8-3200,10-3000)	1
	9.802-036.0	Nipple, 1/2" JIC x 3/8" MPT, (6-3200)	1
20	8.706-965.0	Hose Barb, 1/4" Barb x 3/8" MPT 90°	1
21	9.802-252.0	Hose, 1/4" x 1/2" Braided Vinyl	1

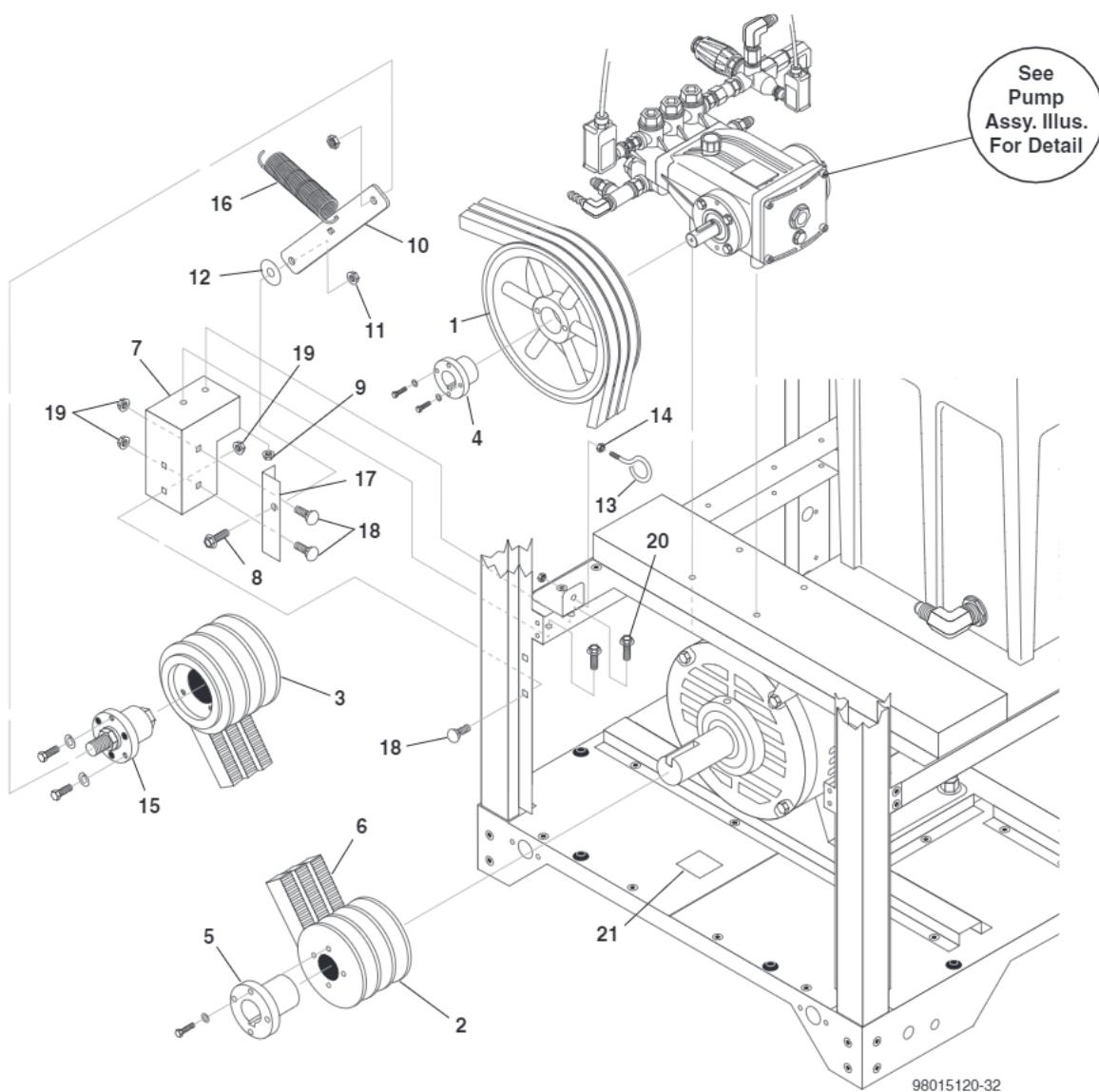
NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 TENSIONER ASSEMBLY



NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 TENSIONER ASSEMBLY PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	9.802-380.0	Pulley, BK 80 H (4-2000)	1	12	8.753-273.0	Pulley, 2B36 SH (4-2200, 4-3000, 5-2300, 5-3000)	1
	9.802-391.0	Pulley, 2BK 100 H (4-2200, 43000, 5-2300)	1		8.715-578.0	Pulley, 1B36 SH (4-2000)	1
	9.804-060.0	Pulley, 2BK 65 H (5-3000)	1	13	9.802-781.0	Nut, 3/8" NC Whiz Lock Flange	2
2	8.715-560.0	Pulley, BK 30 H (4-2000)	1	14	9.802-811.0	Washer, 3/8" x 1-1/2", Fender, SAE	1
	9.802-383.0	Pulley, 2BK 36 H (4-2200, 4-3000, 5-2300)	1	15	9.802-779.0	Nut, 3/8" ESNA NC	1
	8.715-582.0	Pulley, 2BK 47 H (5-3000)	1	16	8.921-393.0	Bracket, Pulley Tensioner, NG/SM	1
3	9.802-402.0	Bushing, H x 24mm	1	17	8.753-530.0	Eye Bolt, 5/16" x 1-1/2"	1
4	9.802-400.0	Bushing, H x 1-1/8" (4-2200, 4-3000, 5-2300)	1	18	9.802-778.0	Nut, 5/16" Whiz Loc Flange	25
	9.803-897.0	Bushing, H x 3/4" (4-2000)	1	19	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	1
	9.802-401.0	Bushing, H x 1-3/8" (5-3000)	1	20	8.921-828.0	Bracket, Mount, Tensioner Arm, NG/SM	1
5	9.802-744.0	Bolt, 10mm x 20mm HH Zinc (4-2200, 4-3000, 5-2300, 5-3000)	4	21	8.718-625.0	Bolt, 5/16"- 18 x 3/4" CRRG	3
	9.802-741.0	Bolt, 8mm x 16mm (4-2200)	4	22	9.802-778.0	Nut, 5/16" Whiz Loc Flange	3
6	8.718-961.0	Washer, M10 Splt Ring LCK8.8 CLSS Zinc PLTD (4-2200, 4-3000, 5-2300, 5-3000)	4	23	8.921-205.0	Label, Motor Rotation	1
	9.802-813.0	Washer, 5/16 Splt Ring (4-2000)	4				
7	8.715-705.0	Belt, BX44 (4-2000)	1				
	8.715-707.0	Belt, BX47 (4-2200, 4-3000)	2				
	8.715-708.0	Belt, BX48 (5-2300)	2				
	8.715-702.0	Belt, BX41 (5-3000)	2				
8	9.802-767.0	Screw, 3/8" x 3/4" NC Whiz Loc Flange	2				
9	8.921-382.0	Arm, Self Tensioner, NG/SM	1				
10	8.753-253.0	Spring, Extension	1				
11	8.749-973.0	Bushing, Idler Tensioner	1				

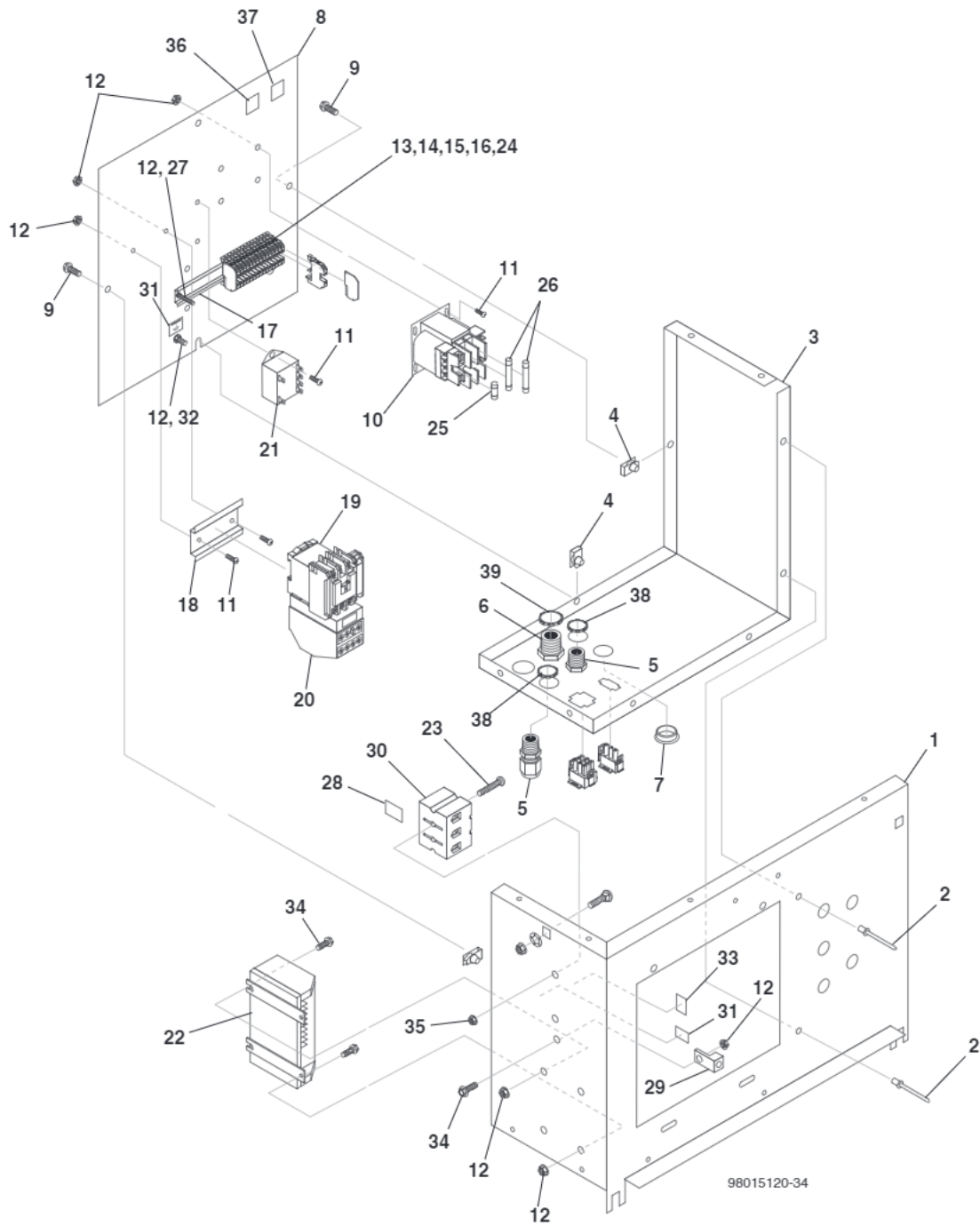
NG 6-3200, 8-3200, 10-3000 TENSIONER ASSEMBLY



NG 6-3200, 8-3200, 10-3000 TENSIONER ASSEMBLY PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	8.715-617.0	Pulley, 38K 70 H (6-3200, 10-3000)	1
	8.715-618.0	Pulley, 38K 80 H (8-3200)	1
2	8.715-607.0	Pulley, 3TB60 (6-3200, 10-3000)	1
	8.715-608.0	Pulley, 3TB62 (8-3200)	1
3	8.715-611.0	Pulley, #B365SH	1
4	9.802-403.0	Bushing, H x 25mm	1
5	9.803-980.0	Bushing, P1 x 1-5/8"	1
6	8.715-707.0	Belt, BX47 (8-3200, 10-3000)	3
	8.715-706.0	Belt, BX46 (6-3200)	3
7	8.921-648.0	Bracket, Pully Tensioner, LG/LM	1
8	9.802-722.0	Bolt, 3/8" x 1-1/4" NC HH	1
9	9.802-781.0	Nut, 3/8" NC, Whiz Loc Flange	2
10	8.921-649.0	Arm, Self Tensioner, LG/LM	1
11	9.802-779.0	Nut, 3/8" ESNA NC	1
12	9.802-811.0	Washer, 3/8" x 1-1/2" Fender, SAE	1
13	8.753-530.0	Eye Bolt, 5/16"	1
14	9.802-778.0	Nut, 5/16" Whiz Loc Flange	1
15	8.749-973.0	Bushing, Idler Tensioner	1
16	8.753-253.0	Spring, Extension	1
17	8.921-828.0	Bracket, Mount, Tensioner Arm, NG/SM	1
18	8.718625.0	Bolt, 5/16"- 18 x 3/4" CRRG	3
19	9.802-778.0	Nut, 5/16", Whiz Loc Flange	3
20	9.802-767.0	Screw, 3/8" x 3/4" NC	2
		Whiz Loc Flange	
21	8.921-205.0	Label, Motor Rotation	1

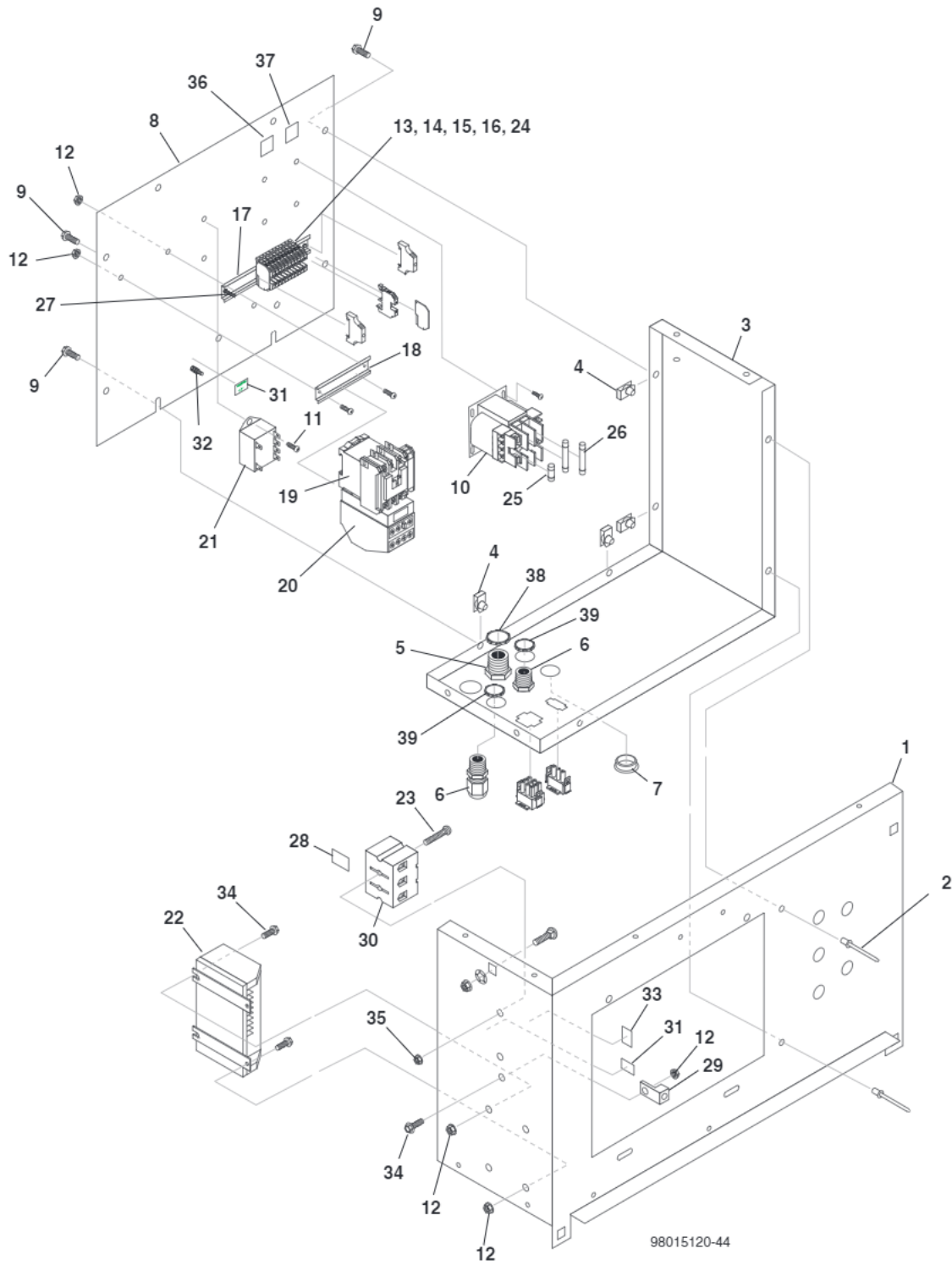
NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 ELECTRICAL BOX ASSEMBLY



NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 ELECTRICAL BOX ASSEMBLY PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.921-401.0	Face Plate, Elec Box, NG/SM	1	20	8.724-304.0	Overload, XTOB040DC1DP, 16.0-24.0 (4-2200B,H), (4-3000B,H), (5-2300B,H)	1
2	8.753-398.0	Rivet, 3/16" LPST	4		8.724-306.0	Overload, XTOB040DC1DP, 24.0-40.0 (4-2000A), (4-2200A) (4-3000A), (5-2300A) (5-3000B,H)	1
3	8.921-384.0	Box, Electrical, NG/SM	1		8.724-303.0	Overload, XTOB010CC1DP, 6.0-10.0 (4-2200C,F), (4-3000C,F), (5-2300C,F)	1
4	8.753-255.0	Nut, Extruded U-nut, 1/4"-20	4		8.724-312.0	Overload, XTOB016CC1DP, 10.0-16.0 (5-3000C,F)	1
5	9.802-515.0	Strain Relief, STRT, LQ TITE 3200, (876029)	1		8.724-307.0	Overload, XTOB057DC1DP, 40.0-57.0 (5-3000A,G)	1
6	9.802-518.0	Strain Relief, LT, STR, 3/4" NPT .49-.71D	1	21	8.716-086.0	Relay, 24V DPST NO	1
7	8.706-755.0	Bushing, .875, P/N 2119	1	22	9.803-613.0	Module, Ignition, Electronic, Honeywell	1
8	8.921-397.0	Cover, Electrical Box, Rear NG/SM	1	23	8.718-755.0	Screw, 8/32" x 1-1/2" PHP BO	2
9	8.726-103.0	Screw, 1/4" x 20 5/8", Whiz Loc Blk CAD	4	24	8.749-977.0	Bar, Jumper, Phoenix FBS 2-5GY	5
10	8.716-883.0	Transformer, 208/230/460-24/115V, .050KVA	1	25	8.749-743.0	Fuse, 4-AMP	1
	8.716-884.0	Transformer, .100KVA, 575V-24V	1	26	8.933-007.0	Fuse, KTK-R-1, 600V Midget Fuse, (208/230 1PH & 3PH)	2
11	9.802-759.0	Screw, 10/32" x 1/2" BH SOC Blk	8		9.802-462.0	Fuse, KTK-R-1/2, 600V Midget Fuse, (460/575 3PH)	2
12	9.802-695.0	Nut, 10/32" KEPS	25	27	8.718-730.0	Screw, 10/32" x 2-1/2" RND HD MCH	1
13	8.749-980.0	Terminal Block, End Cap, Phoenix	2	28	8.900-207.0	Label, Incoming Power	1
14	8.749-976.0	Terminal Block, Feed-Thru, Phoenix	8	29	8.716-460.0	Terminal, Ground Lug, LAMA6-14-Q	1
15	9.804-595.0	End Bracket, Entrelec, 103-002-26	2	30	8.753-544.0	Terminal, Block, 3-Pole 85 AMP	1
16	8.753-064.0	Terminal, Block, IDC	4	31	9.800-040.0	Label, Ground Symbol	2
17	9.802-457.0	Din Rail, 35mm	7"	32	9.802-762.0	Screw, 10/32" x 1-1/4" RH, SL, BLK	1
18	9.802-457.0	Din Rail, 35mm	2 1/2"	33	8.916-343.0	Label, PE/HE Tested	1
19	8.724-280.0	Contactor, DP C25DNY154AL, 40 AMP (4-2000A,G) (4-2200A,G), (4-300A,G) (5-2300A,G), (5-3000B,H)	1	34	9.802-764.0	Screw, 10/32" x 3/4", HEX Wash SL Mach/Blk	4
	8.724-275.0	Contactor, DP C25DNY153TL 30 AMP (4-2200B,C,F,H) (4-3000B,C,F,H) (5-2300B,C,F,H)	1	35	9.802-785.0	Nut, 8/32", KEPS	2
	8.724-283.0	Contactor, DP C25DNY155TL 50 AMP (5-3000A,G)	1	36	9.801-608.0	Label, Fuse KTK -.50 (460V, 575V)	1
					9.801-626.0	Label, Fuse KTK-1 (208V, 230V)	1
				37	9.801-607.0	Label, Fuse FMN-4	1
				38	9.802-525.0	Locknut, 1/2"	2
				39	9.802-526.0	Locknut, 3/4"	1

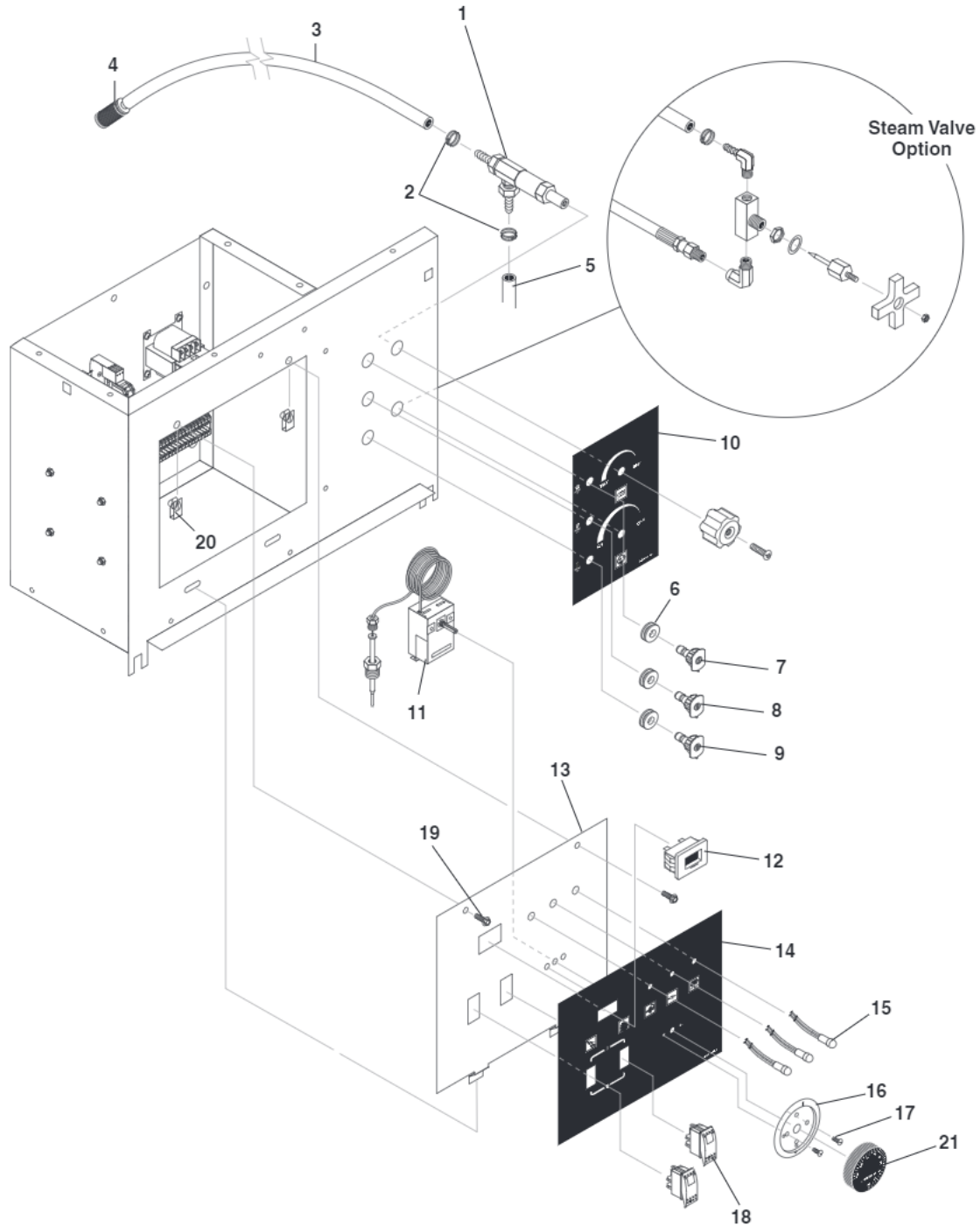
NG 6-3200, 8-3200, 10-3000 ELECTRICAL BOX ASSEMBLY



NG 6-3200, 8-3200, 10-3000 ELECTRICAL BOX PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.921-637.0	Face Plate, Elec Box, NG/LM	1	20	8.724-304.0	Overload, XTOB040DC1DP, 16.0-24.0 (6-3200C,F)	1
2	8.753-398.0	Rivet, 3/16" LPST	4		8.724-305.0	Overload, XTOB032CC1DP, 24.0-40.0 (8-3200C,F), (10-3000C,F)	1
3	8.921-638.0	Box, Electrical, NG/LM	1		8.724-306.0	Overload, XTOB040DC1DP, 24.0-40.0 (6-3200B,H)	1
4	8.753-255.0	Nut, Extruded U-nut, 1/4"-20	4		8.724-307.0	Overload, XTOB057DC1DP, 40.0-57.0 (8-3200B,H), (10-3000B,H)	1
5	8.753-364.0	Strain Relief, LT, 1" NPT, Black	1	21	8.716-086.0	Relay, 24V DPST NO	1
6	9.802-518.0	Strain Relief, LT, STR 3/4" NPT .49-.71D	1	22	9.803-613.0	Module, Ignition, Electronic, Honeywell	1
7	8.706-755.0	Bushing, .875, P/N 2119	1	23	8.753-580.0	Screw, 8/32" x 1-1/4" PHP BO	2
8	8.921-639.0	Cover, Electrical Box, Rear, NG/LM	1	24	8.749-977.0	Bar, Jumper, Phoenix FBS 2-5GY	5
9	8.726-103.0	Screw, 1/4" x 20 5/8", Whiz Loc Blk CAD	4	25	8.749-743.0	Fuse, 4-AMP	1
10	8.716-883.0	Transformer, 208/230/460-V-24/ 115V, .050KVA	1	26	8.933-007.0	Fuse, KTK-R-1, 600V Midget Fuse, (208/230 1PH & 3PH)	2
11	9.802-759.0	Screw, 10/32" x 1/2" BH SOC Blk	8		9.802-462.0	Fuse, KTK-R-1/2, 600V Midget Fuse, (460/575 3PH)	2
12	9.802-695.0	Nut, 10/32" KEPS	25	27	8.718-730.0	Screw, 10/32" x 2-1/2" RND HD MCH	1
13	8.749-980.0	Terminal Block, End Cap, Phoenix	2	28	8.900-207.0	Label, Incoming Power	1
14	8.749-976.0	Terminal Block, Feed-Thru, Phoenix	8	29	8.716-460.0	Terminal, Grounding Lug LAMA6-14-Q	1
15	9.804-595.0	End Bracket, EntrElec 103-002-26	2	30	8.753-544.0	Terminal, Block, 3-Pole, 85 AMP	1
16	8.753-064.0	Terminal, Block, IDC	4	31	9.800-040.0	Label, Ground Symbol	2
17	9.802-457.0	Din Rail, 35mm	7"	32	9.802-762.0	Screw 10/32" x 1-1/4" RH, SL, BLK	1
18	9.802-457.0	Din Rail, 35mm	2 1/2"	33	8.916-343.0	Label, PE/HE Tested	1
19	8.724-280.0	Contactor, DP C25DNY154AL, 40 AMP (6-3200C,F), (8-3200C,F), (10-3000C,F)	1	34	9.802-764.0	Screw, 10/32" x 3/4", HEX Wash SL Mach/Blk	4
	8.724-283.0	Contactor, DP C25DNY155TL, 50 AMP (6-3200B,H), (8-3200B,H), 10-3000B,H)	1	35	9.802-785.0	Nut, 8/32", KEPS	2
				36	9.801-608.0	Label, Fuse KTK -.50 (460V, 575V)	1
					9.801-626.0	Label, Fuse KTK-1 (208V, 230V)	1
				37	9.801-607.0	Label, Fuse FMN-4	1
				38	9.802-525.0	Locknut, 1/2"	2
				39	8.753-363.0	Locknut, 1"	1

NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 CONTROL PANEL ASSEMBLY

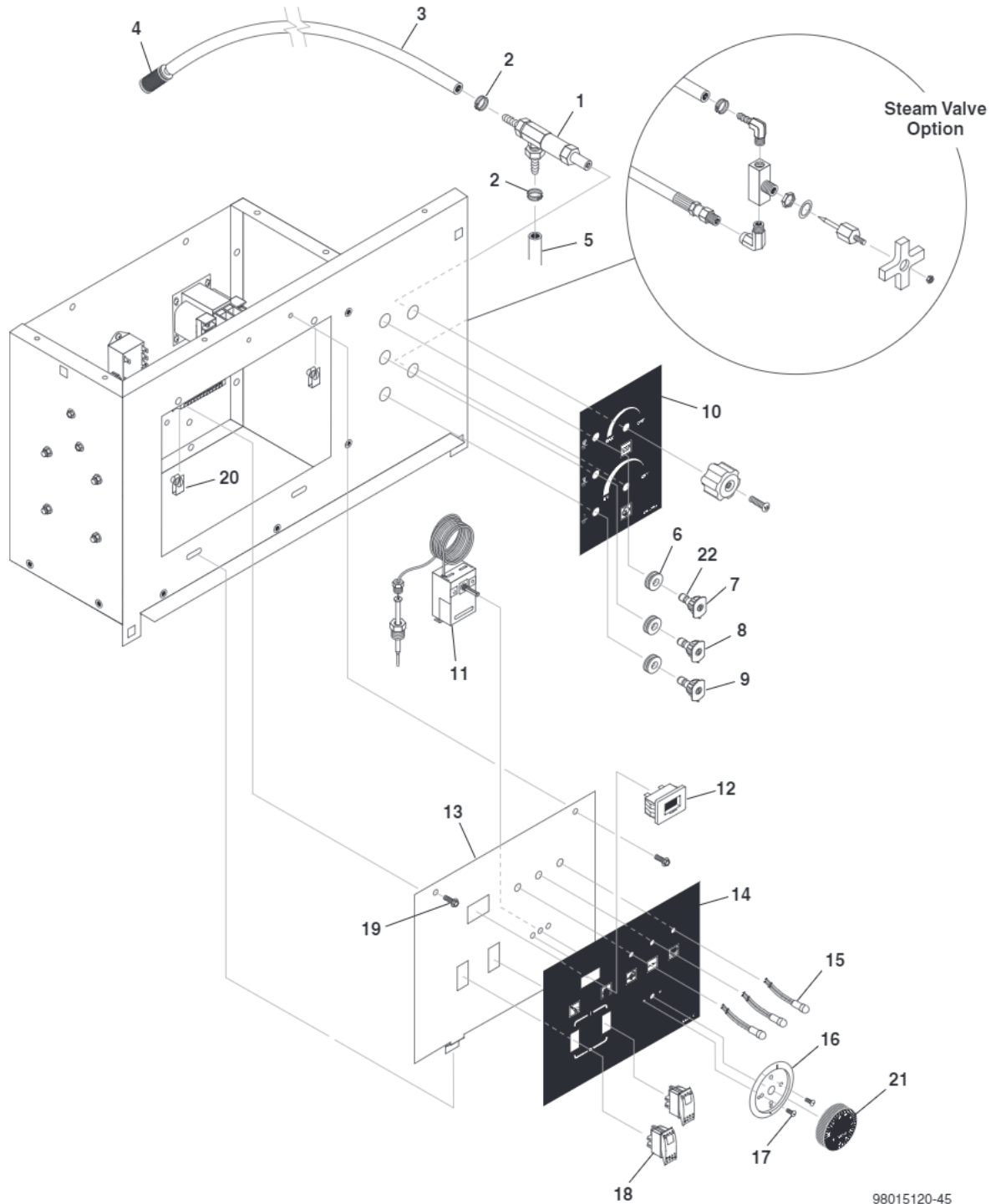


98015120-35

NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 CONTROL PANEL PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	9.802-188.0	Valve, metering, 1/4" Hose	1
2	6.390-126.0	Clamp, hose, .46-.54 ST	2
3	9.802-251.0	Clear vinyl hose 1/4 x 1/2"	10'
4	8.707-058.0	Strainer, 1/4" Brass w/Check Valve	1
5	9.802-252.0	Hose, 1/4 x 1/2" Braided Vinyl	24"
6	9.802-064.0	Grommet, Rubber, Nozzle Holder	3
7	8.712-357.0	Nozzle, SAQCMEG, 0005.5 Red (4-2200, 5-3000)	1
	8.712-349.0	Nozzle, SAQCMEG, 0004.5 Red (4-3000)	1
	8.712-353.0	Nozzle, SAQCMEG, 0005 Red (4-2000)	1
	8.712-365.0	Nozzle, SAQCMEG, 0006.5 Red (5-2300)	1
8	8.712-358.0	Nozzle, SAQCMEG, 1505.5 Yellow (4-2200, 5-3000)	1
	8.712-350.0	Nozzle, SAQCMEG, 1504.5 Yellow (4-3000)	1
	8.712-354.0	Nozzle, SAQCMEG, 1505 Yellow (4-2000)	1
	8.712-366.0	Nozzle, SAQCMEG, 1506.5 Yellow (5-2300)	1
9	9.712-359.0	Nozzle, SAQCMEG, 4005.5 White (4-2200, 5-3000)	1
	9.712-352.0	Nozzle, SAQCMEG, 4004.5 White (4-3000)	1
	9.712-356.0	Nozzle, SAQCMEG, 4005 White (4-2000)	1
	9.712-368.0	Nozzle, SAQCMEG, 4006.5 White (5-2300)	1
10	9.807-574.0	Label, Control Valves	1
11	8.750-095.0	Thermostat, 120C/240F, 2 Meter	1
12	9.802-283.0	Hour Meter 24/240V, 50/60 hz	1
13	8.921-396.0	Control Panel	1
14	9.807-573.0	Label, Control Panel NG	1
15	8.753-257.0	Light, Indicator Clear, 28V	3
16	8.712-190.0	Bezel, Plastic, Thermostat	1
17	8.718-779.0	Screw, 4mm x 6mm Pan Head	2
18	8.716-037.0	Switch, Rocker, 10 Amp/250V	2
19	8.726-103.0	Screw, 1/4" x 5/8" Whiz Loc	2
20	8.753-255.0	Nut, Extruded U-Nut 1/4"-20	2
21	8.750-097.0	Knob, Thermostat 120C/248F	1

NG 6-3200, 8-3200, 10-3000 CONTROL PANEL ASSEMBLY



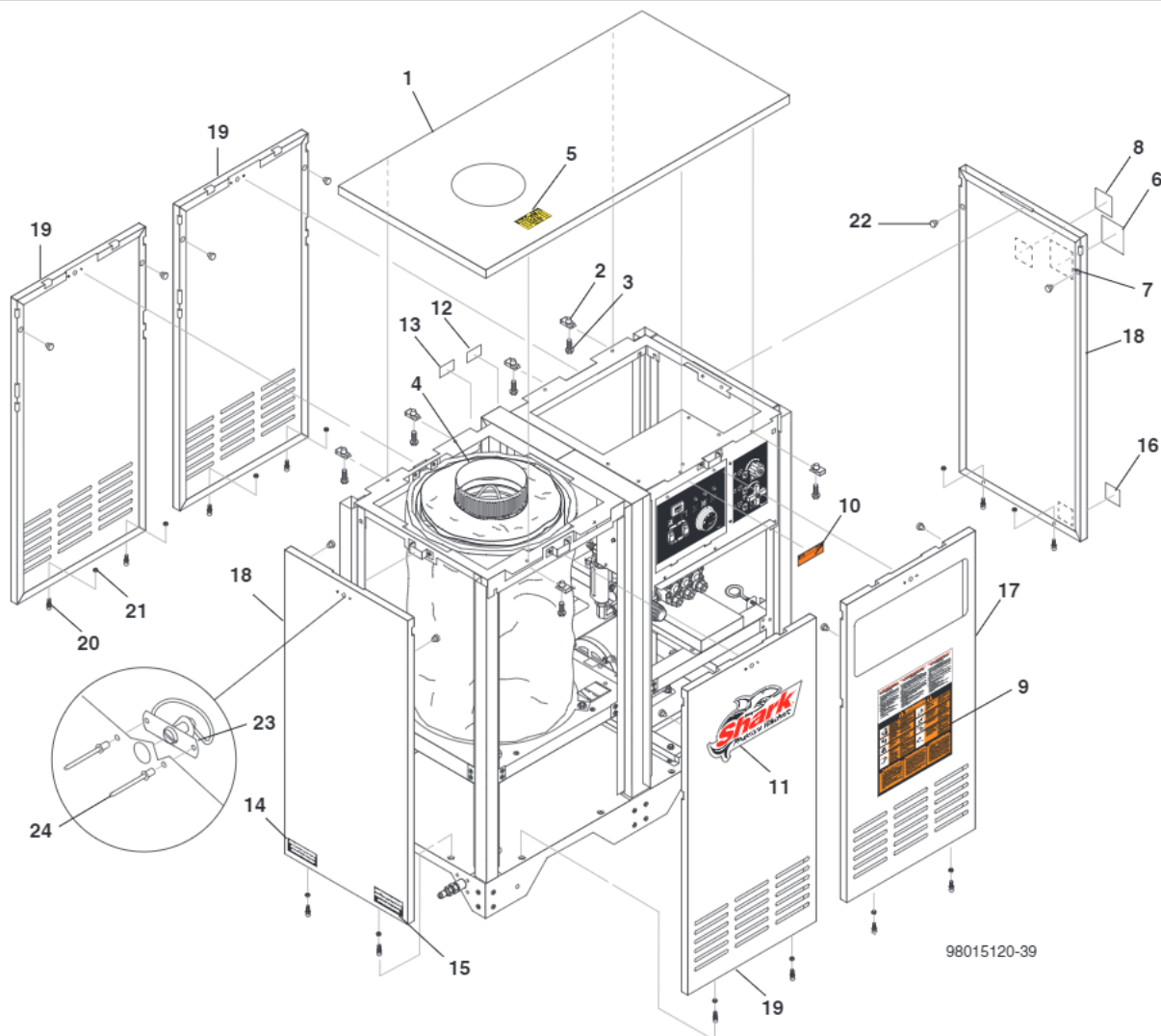
98015120-45

NG 6-3200, 8-3200, 10-3000 CONTROL PANEL PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	9.802-188.0	Valve, Metering, 1/4" Hose	1
2	6.390-126.0	Clamp, Hose, .46-.54 ST	1
3	9.802-251.0	Tube, 1/4" x 1/2", Clear Vinyl	10ft
4	8.707-058.0	Strainer, 1/4" Brass w/Check Valve	1
5	9.802-252.0	Hose, 1/4" x 1/2", Braided Vinyl	32"
6	9.802-064.0	Grommet, Rubber, Nozzel Holder	3
7	8.712-369.0	Nozzle, SAQCMEG, 0007, Red (6-3200)	1
	8.712-378.0	Nozzle, SAQCMEG, 0009, Red (8-3200)	1
	8.707-760.0	Nozzle, #11 x 0° 1/4" MEG, (10-3000)	1
8	8.712-370.0	Nozzle, SAQCMEG, 1507, Yellow (6-3200)	1
	8.712-379.0	Nozzle, SAQCMEG, 1509 Yellow (8-3200)	1
	8.707-763.0	Nozzle, #11 x 40° 1/4" MEG, (10-3000)	1
9	8.712-372.0	Nozzle, SAQCMEG, 4007, White (6-3200)	1
	8.712-381.0	Nozzle, SAQCMEG, 4009 White (8-3200)	1
	8.707-761.0	Nozzle, #11 x 15° 1/4" MEG, (10-3000)	1
10	9.807-574.0	Label, Control Valves NG	1
11	8.750-095.0	Thermostat, 120C/240F, 2 Meter Capillary	1
12	9.802-283.0	Hour Meter, 24-240VAC 50/60HZ	1
13	8.921-640.0	Control Panel, NG/LM	1
14	9.801-585.0	Label, Control Panel, NG-L	1
15	8.753-257.0	Light, Indicator, Clear 28V	3
16	8.712-190.0	Bezel, Plastic, Thermostat (915390)	1
17	8.718-779.0	Screw, 4mm x 6mm Pan Head	2
18	8.716-037.0	Switch, Rocker, 10A/250V-15A/125V, 24VLT	2
19	8.726-103.0	Screw, 1/4"-20 x 5/8", Whiz Loc Blk CAD	2
20	8.753-255.0	Nut, Extruded U-Nut, 1/4"-20	2
21	8.750-097.0	Knob, Thermostat 120C/248F	1
22	9.802-171.0	Coupler, 3/8" Plug, Male Steel/Zinc (10-3000)	3

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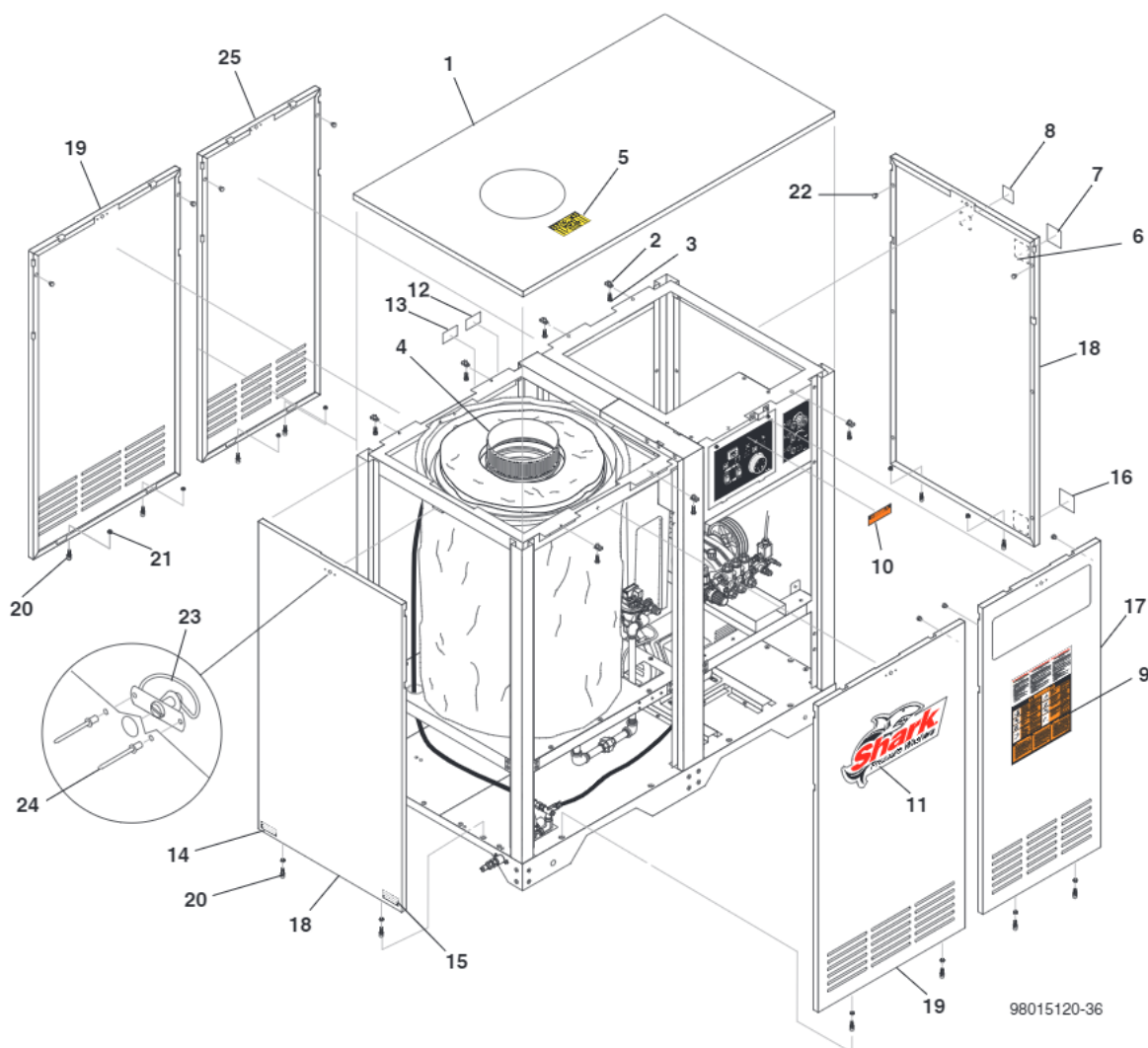
NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 PANELS & DOORS ASSEMBLY



NG 4-2000, 4-2200, 4-3000, 5-2300, 5-3000 PANELS & DOORS PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.921-402.0	Panel, Top	1	13	8.932-964.0	Label, Natural Gas	1
2	8.753-255.0	Nut, Extruded U-nut	8	14	9.800-020.0	Label, Cold water inlet	1
3	8.726-103.0	Screw, 1/4 x 5/8 Whiz Loc	8	15	9.800-021.0	Label, Hot water outlet	1
4	8.753-493.0	Start Collar	1	16	9.800-049.0	Label, Manufacturer's Cleaning Solution	1
5	9.800-006.0	Hot/Caliente	1	17	8.921-400.0	Door, Control NG/SM	1
6	9.800-034.0	Clear Lexan	1	18	8.921-398.0	Door, End Panels NG/SM	2
7	9.800-013.0	Label, Assembled USA intended for Indoor Use	1	19	8.921-399.0	Door, Side Panel Coil Pump	3
8	8.932-965.0	Label, Warning Exposed Pulleys	1	20	8.753-254.0	Ball Stud, Large, 5/16 Zinc	1
9	8.900-990.0	Label, Instructions/Warning	1	21	9.802-778.0	Nut, 5/16, Whiz Loc flange	12
10	9.800-016.0	Label, Disconnect Power	1	22	9.802-068.0	Plug, Rubber	12
11	8.900-870.0	Label, Shark	1	23	8.719-081.0	Latch Spring, Flush head	6
12	8.900-207.0	Label, Incoming power	1	24	8.753-462.0	Rivet, 1/8" Black Steel	12

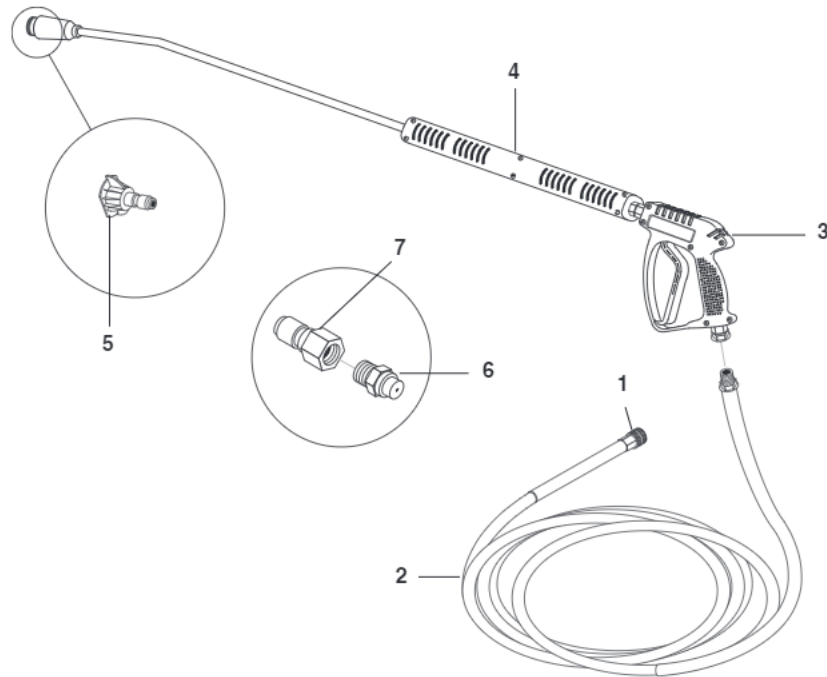
NG 6-3200, 8-3200, 10-3000 PANELS & DOORS ASSEMBLY



NG 6-3200, 8-3200, 10-3000 PANELS & DOORS PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.921-647.0	Panel, Top, NG/LM	1	12	8.900-207.0	Label, Incoming Power	1
2	8.753-255.0	Nut, Extruded U-Nut, 14"-20	8	13	8.932-964.0	Label, Natural Gas Only	1
3	8.726-103.0	Screw, 1/4"-20 x 5/8" Whiz Loc Blk CAD	8	14	9.800-020.0	Label, Cold Water Inlet	1
4	8.753-494.0	Start Collar, 12"	1	15	9.800-021.0	Label, Hot Water Outlet	1
5	9.800-006.0	Label, Hot Calente w/Arrows	1	16	9.800-049.0	Label, Manufacturers Cleaning Solution	1
6	9.800-013.0	Label, Assembled in USA Intended For Indoor Use	1	17	8.921-645.0	Door, Side, Control, NG/LM	1
7	9.800-034.0	Label, Clear Lexan, 4.3" x 5.5"	1	18	8.921-635.0	Door, End Panel, NG/LM	2
8	8.932-965.0	Label, Warning - Exposed Pulleys	1	19	8.921-644.0	Door, Side, Coil, NG/LM	2
9	8.900-990.0	Label, Instructions/Warnings	1	20	8.753-254.0	Ball Stud, Large, 5/16" Zinc	12
10	9.800-016.0	Label, Disconnect Power Supply	1	21	9.802-778.0	Nut, 5/16" Whiz Loc Flange	12
11	9.801-619.0	Label, Shark Logo 19.50 x 11.50	1	22	9.802-068.0	Plug, Rubber, SJ-10/15 P/N 1372-26012	12
				23	8.719-081.0	Latch, Spring Flush Head	6
				24	8.753-462-0	Rivet, 1/8" Black Steel	12
				25	8.921-646.0	Door, Side, Pump, NG/LM	1

HOSE & SPRAY GUN ASSEMBLY



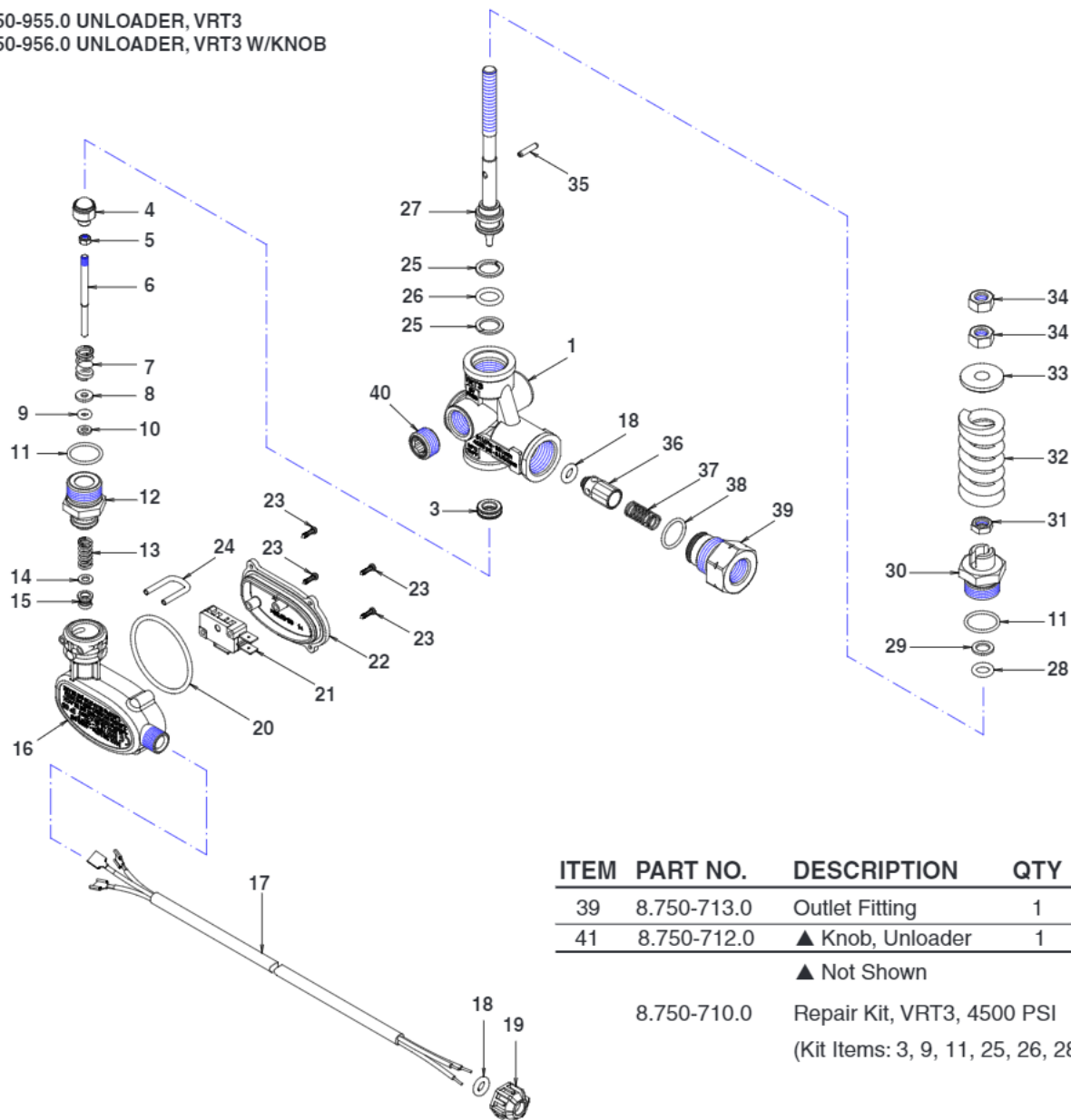
98015120-40

HOSE & SPRAY GUN ASSEMBLY PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	9.802-166.0	Coupler, 3/8" Female	1		8.712-365.0	Nozzle, 0006.5, Red (5-23)	1
2	8.739-026.0	Hose 3/8" x 50', 1 Wire Tuff Skin (4-22, 4-3, 4-2, 5-3, 6-3)	1		8.712-366.0	Nozzle,1506.5, Yellow (5-23)	1
	8.739-401.0	Hose, 1/2" x 50', 2 Wire, Tuff -Flex (8-3)	1		8.712-368.0	Nozzle, 4006.5, White (5-23)	1
3	8.710-384.0	Gun,ST-1500,5000 PSI, 10.4 GPM	1		8.712-369.0	Nozzle, 0007, Red (6-3)	1
4	8.711-293.0	Lance, Spray Insulated	1		8.712-370.0	Nozzle, 1507, Yellow (6-3)	1
5	8.712-357.0	Nozzle, 0005.5, Red (4-22, 5-3)	1		8.712-372.0	Nozzle, 4007, White (6-3)	1
	8.712-358.0	Nozzle,1505.5, Yellow (4-22, 5-3)	1		8.712-378.0	Nozzle, 0009, Red (8-3)	1
	8.712-360.0	Nozzle, 4005.5, White (4-22, 5-3)	1		8.712-379.0	Nozzle, 1509, Yellow (8-3)	1
					8.712-381.0	Nozzle, 4009, White (8-3)	1
	8.712-349.0	Nozzle, 0004.5, Red (4-3)	1	6	8.707-760.0	Nozzle, MEG 0011, (10-30)	1
	8.712-350.0	Nozzle,1504.5, Yellow (4-3)	1		8.707-761.0	Nozzle, MEG 1511, (10-30)	1
	8.712-352.0	Nozzle, 4004.5, White (4-3)	1		8.707-763.0	Nozzle, MEG 4011, (10-30)	1
	8.712-353.0	Nozzle, 0005, Red (4-2A)	1	7	8.707-136.0	Coupler, 1/4" Plug FPT (10-30)	3
	8.712-354.0	Nozzle, 1505, Yellow (4-2A)	1				
	8.712-356.0	Nozzle, 4005, White (4-2A)	1				

VRT3 UNLOADER EXPLODED VIEW AND PARTS LIST

8.750-955.0 UNLOADER, VRT3
8.750-956.0 UNLOADER, VRT3 W/KNOB



ITEM	PART NO.	DESCRIPTION	QTY
39	8.750-713.0	Outlet Fitting	1
41	8.750-712.0	▲ Knob, Unloader	1
		▲ Not Shown	
	8.750-710.0	Repair Kit, VRT3, 4500 PSI (Kit Items: 3, 9, 11, 25, 26, 28)	

Unloader Adjustment Procedures

1. Remove lock nut (Item 19).
2. Remove adjustment knob (Item 18).
3. Loosen the two (2) nuts (Item 15), move them upward on stem (Item 8) until you see 4 or more threads below the nut.
4. Re-attach adjusting knob (Item 18).
5. Start machine. Open the trigger of the spray gun. Increase pressure by turning adjustment knob (Item 18) clockwise until pressure is at the desired operating pressure.
6. Remove the adjustment knob (Item 18), tighten the lower nut (Item 15) tightly against the upper nut (Item 15). Re-attach adjustment knob (Item 18) and screw down until contact is made with the nuts (Items 15). Screw down lock nut (Item 19) onto the stem (Item 8) until the threads cut into the nylon insert of the lock nut (Item 19).

*If adjustment knob (Item 18) **DOES NOT** make contact with upper nut (Items 15), remove adjusting knob (Item 18), re-adjust (raise) nuts (Items 15) on stem (Item 8) and re-attach adjustment knob (Item 18), then repeat step #6.

If adjustment knob (Item 18) **DOES make contact with upper nut; release the trigger of the spray gun and watch the pressure gauge for the pressure increase ("spike"). This "spike" **SHOULD NOT** exceed 500 psi above the operating pressure. If "spike" pressure exceeds the 500 psi limit, remove the adjusting knob (Item 18) and re-adjust (lower) the nuts (Items 15) on the stem (Item 8). Re-attach the adjusting knob (Item 18), then repeat step #6.

SPECIFICATIONS

PART SPECIFICATIONS

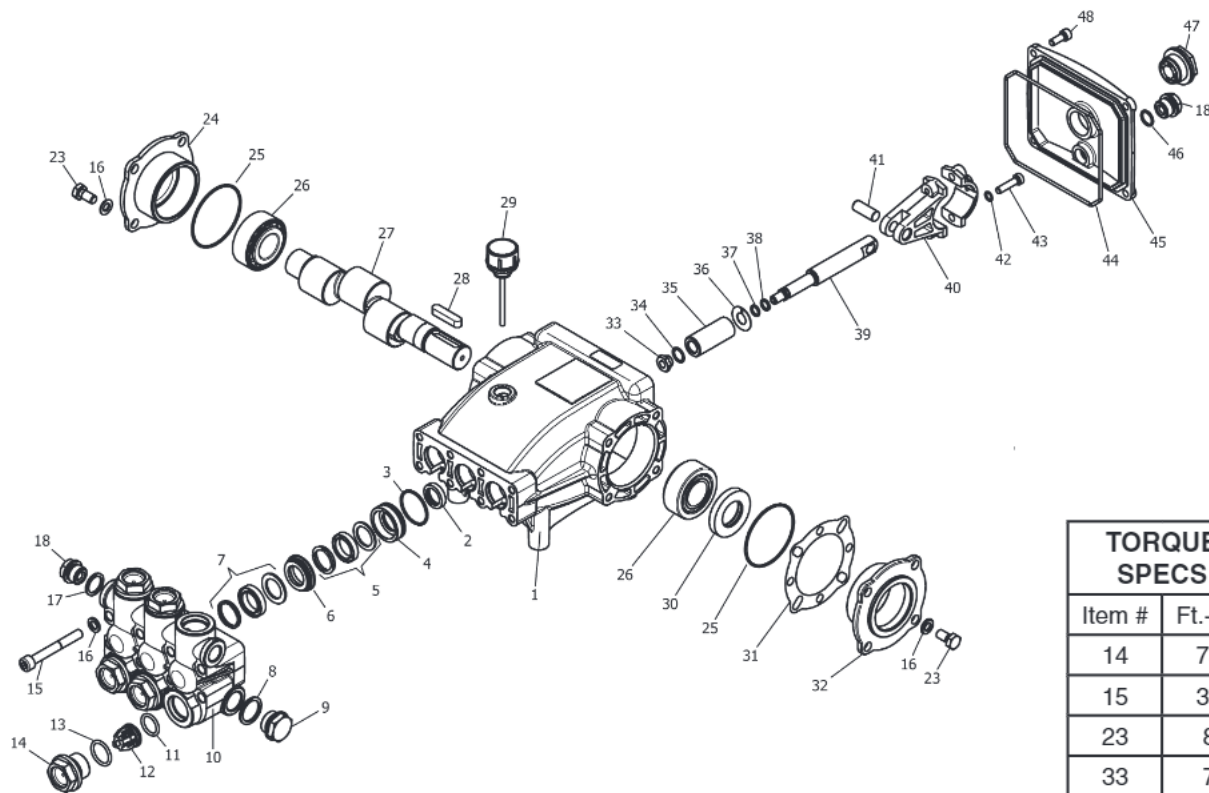
PUMP					MOTOR		
Model	Pump Model IPart #	Pump Pulley Part #	Pump Bushing Part #	Size	Voltage/pH	Motor Part #	Motor Pulley Part #
SNG4-20024A	LD4020R/9.804-019.0	BK80H/9.802-380.0	H24mm/9.802-402.0	5 HP	230V/1PH	9.802-341.0	BK30 /8.715-560.0
SNG4-22024A	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	6.2 HP	230V/1PH	8.715-129.0	2BK36/9.802-383.0
SNG4-22024B	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	6.2 HP	230V/3PH	8.715-130.0	2BK36/9.802-383.0
SNG4-22024C	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	6.2 HP	460V/3PH	8.715-130.0	2BK36/9.802-383.0
SNG4-22024F	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	6.2 HP	575V/3PH	8.753-458.0	2BK36/9.802-383.0
SNG4-22024G	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	6.2 HP	208V/1PH	8.715-128.0	2BK36/9.802-383.0
SNG4-22024H	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	6.2 HP	208V/3PH	8.753-461.0	2BK36/9.802-383.0
SNG4-30024A	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	8.2 HP	230V/1PH	8.715-168.0	2BK36/9.802-383.0
SNG4-30024B	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	8.2 HP	230V/3PH	8.753-459.0	2BK36/9.802-383.0
SNG4-30024C	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	8.2 HP	460V/3PH	8.753-459.0	2BK36/9.802-383.0
SNG4-30024F	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	8.2 HP	575V/3PH	8.751-005.0	2BK36/9.802-383.0
SNG4-30024G	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	8.2 HP	208V/1PH	8.715-162.0	2BK36/9.802-383.0
SNG4-30024H	LM4035R/9.802-343.0	2BK100/9.802-391.0	H24mm/9.802-402.0	8.2 HP	208V/3PH	8.715-171.0	2BK36/9.802-383.0
SNG5-23024A	LT6035R/9.802-346.0	2BK100/9.802-391.0	H25mm/9.802-403.0	8.2HP	230V/1PH	8.715-168.0	2BK36/9.802-383.0
SNG5-23024B	LT6035R/9.802-346.0	2BK100/9.802-391.0	H25mm/9.802-403.0	8.2 HP	230V/3PH	8.753-459.0	2BK36/9.802-383.0
SNG5-23024C	LT6035R/9.802-346.0	2BK100/9.802-391.0	H25mm/9.802-403.0	8.2 HP	460V/3PH	8.753-459.0	2BK36/9.802-383.0
SNG5-23024F	LT6035R/9.802-346.0	2BK100/9.802-391.0	H25mm/9.802-403.0	8.2 HP	575V/3PH	8.751-005.0	2BK36/9.802-383.0
SNG5-23024G	LT6035R/9.802-346.0	2BK100/9.802-391.0	H25mm/9.802-403.0	8.2 HP	208V/1PH	8.715-162.0	2BK36/9.802-383.0
SNG5-23024H	LT6035R/9.802-346.0	2BK100/9.802-391.0	H25mm/9.802-403.0	8.2 HP	208V/3PH	8.715-171.0	2BK36/9.802-383.0
SNG5-30024A	LT6035R/9.802-346.0	2BK65/9.804-060.0	H24mm/9.802-403.0	10 HP	230V/1PH	8.715-110.0	2BK47/8.715-582.0
SNG5-30024B	LT6035R/9.802-346.0	2BK65/9.804-060.0	H24mm/9.802-403.0	10 HP	230V/3PH	8.751-015.0	2BK47/8.715-582.0
SNG5-30024C	LT6035R/9.802-346.0	2BK65/9.804-060.0	H24mm/9.802-403.0	10 HP	460V/3PH	8.751-015.0	2BK47/8.715-582.0
SNG5-30024F	LT6035R/9.802-346.0	2BK65/9.804-060.0	H25mm/9.802-403.0	10 HP	575V/3PH	8.751-011.0	2BK47/8.715-582.0
SNG5-30024G	LT6035R/9.802-346.0	2BK65/9.804-060.0	H25mm/9.802-403.0	10 HP	208V/1PH	8.715-111.0	2BK47/8.715-582.0
SNG5-30024H	LT6035R/9.802-346.0	2BK65/9.804-060.0	H25mm/9.802-403.0	10 HP	208V/3PH	8.715-109.0	2BK47/8.715-582.0
SNG6-32024B	LT6035R/9.802-346.0	3BK70/8.715-617.0	H25mm/9.802-403.0	15 HP	230V/3PH	8.751-006.0	3TB60/8.715-607.0
SNG6-32024C	LT6035R/9.802-346.0	3BK70/8.715-617.0	H25mm/9.802-403.0	15 HP	460V/3PH	8.751-006.0	3TB60/8.715-607.0
SNG6-32024F	LT6035R/9.802-346.0	3BK70/8.715-617.0	H25mm/9.802-403.0	15 HP	575V/3PH	8.751-007.0	3TB60/8.715-607.0
SNG6-32024H	LT6035R/9.802-346.0	3BK70/8.715-617.0	H25mm/9.802-403.0	15 HP	208V/3PH	8.715-119.0	3TB60/8.715-607.0
SNG8-32024B	LX9536R/8.920-393.0	3BK80/8.715-618.0	H25mm/9.802-403.0	20 HP	230V/3PH	8.751-012.0	3TB62/8.715-608.0
SNG8-32024C	LX9536R/8.920-393.0	3BK80/8.715-618.0	H25mm/9.802-403.0	20 HP	460V/3PH	8.751-012.0	3TB62/8.715-608.0
SNG8-32024F	LX9536R/8.920-393.0	3BK80/8.715-618.0	H25mm/9.802-403.0	20 HP	575V/3PH	8.751-008.0	3TB62/8.715-608.0
SNG8-32024H	LX9536R/8.920-393.0	3BK80/8.715-618.0	H25mm/9.802-403.0	20 HP	208V/3PH	8.715-125.0	3TB62/8.715-608.0
SNG10-30024B	LX1036R/8.920-595.0	3BK70/8.715-617.0	H25mm/9.802-403.0	20 HP	230V/3PH	8.751-012.0	3TB60/8.715-607.0
SNG10-30024C	LX1036R/8.920-595.0	3BK70/8.715-617.0	H25mm/9.802-403.0	20 HP	460V/3PH	8.751-012.0	3TB60/8.715-607.0
SNG10-30024F	LX1036R/8.920-595.0	3BK70/8.715-617.0	H25mm/9.802-403.0	20 HP	575V/3PH	8.751-008.0	3TB60/8.715-607.0
SNG10-30024H	LX1036R/8.920-595.0	3BK70/8.715-617.0	H25mm/9.802-403.0	20 HP	208V/3PH	8.715-125.0	3TB60/8.715-607.0

PRESSURE WASHER Specifications

MOTOR CONTROLS

65

4-2200, 4-3000 M.3 SERIES PUMP EXPLODED VIEW



TORQUE SPECS

Item #	Ft.-lbs
14	75
15	30
23	8
33	7
43	13
48	7.6

M.3 SERIES PUMP EXPLODED VIEW PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.751-216.0	Crankcase	1	17	9.803-198.0	Copper Washer 3/8	1
2*	See Kits Below	Plunger Oil Seal	3	18	9.802-925.0	Brass Plug 3/8	1
3*	See Kits Below	O-Ring Ø1.78 x 31.47	3	23	9.802-944.0	Screw, Hex, 8mm x18mm	8
4*	See Kits Below	Pressure Ring	3	24	8.717-210.0	Closed Bearing Housing	1
5*	See Kits Below	U-Seal	3	25	9.803-192.0	O-Ring Ø1.78 x 60.05	2
6*	See Kits Below	Intermediate Ring	3	26	8.933-011.0	Tapered Roller Bearing	2
7*	See Kits Below	U-Seal	3	27	8.751-222.0	Crankshaft (5030,3540)	1
8	9.803-199.0	Washer, Copper	1		8.751-223.0	Crankshaft (4030, 4035, 6035)	1
9	9.802-926.0	Plug, Brass 1/2	1	28	9.803-167.0	Crankshaft Key	1
10	8.751-218.0	Manifold Head	1	29	9.802-921.0	Oil Dip Stick	1
11*	See Kits Below	O-Ring Ø2.62 x 17.13	6	30	9.803-140.0	Crankshaft Seal	1
12*	See Kits Below	Valve Assembly	6	31	9.803-178.0.	Shim	2
13*	See Kits Below	O-Ring Ø2.62 x 20.29	6	32	8.717-209.0	Bearing Housing	1
14	9.802-928.0	Valve Plug	6	33*	See Kits Below	Plunger Nut, M*	3
15	9.802-938.0	Manifold Stud Bolt	8	34*	See Kits Below	Copper Spacer	3
16	9.802-884.0	Washer	16	35*	See Kits Below	Plunger (4035, 6035)	3

M.3 SERIES PUMP EXPLODED VIEW PARTS LIST

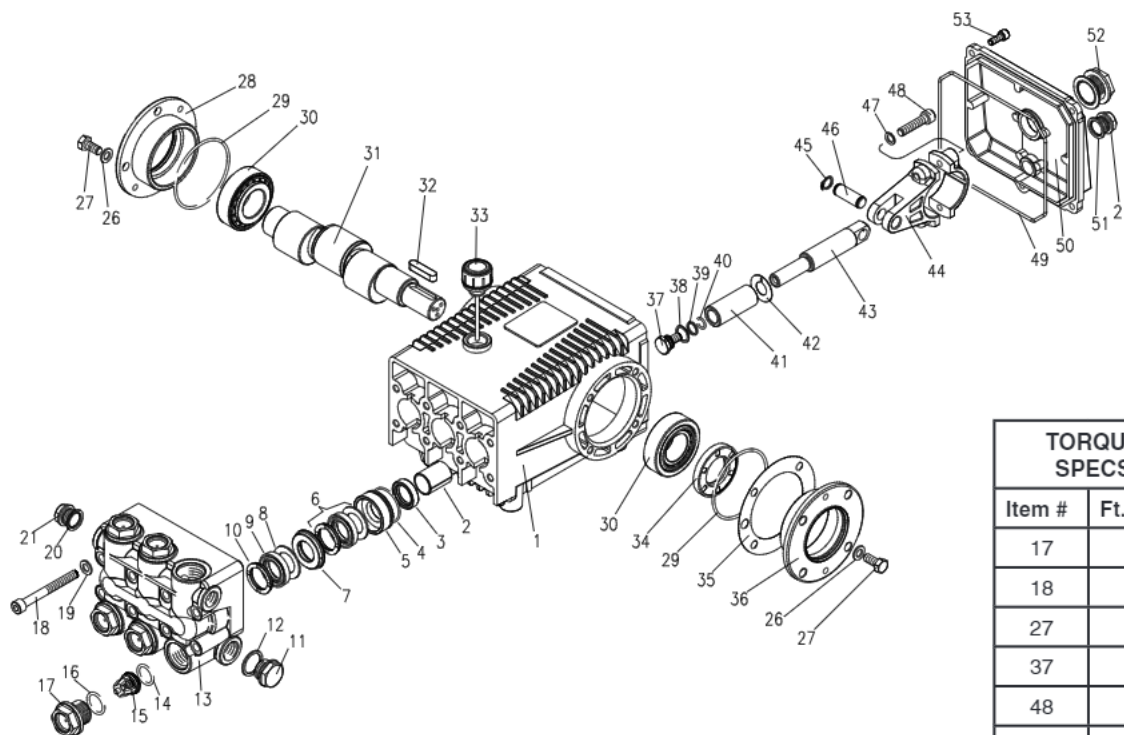
ITEM	PART NO.	DESCRIPTION	QTY
35	See Kits Below	Plunger (4030, 5030)	3
	See Kits Below	Plunger (3540)	3
36*	See Kits Below	Copper Spacer	3
37*	See Kits Below	O-Ring Ø1.78 x 7.66	3
38*	See Kits Below	Teflon Ring	3
39	8.751-224.0	Plunger Rod	3
40	9.803-158.0	Connecting Rod	3
41	8.751-228.0	Connecting Rod Pin	3
42	9.803-218.0	Spring Washer	6
43	9.803-238.0	Connecting Rod Screw	6
44	8.933-016.0	O-Ring, Ø2.62 x 126.67	1
45	8.751-229.0	Crankcase Cover	1
46	9.803-197.0	O-Ring, Ø1.78 x 14	1
47	9.803-202.0	Sight Glass 3/4	1
48	9.802-939.0	Cover Screw	5

* Available in kit (See below)

REPAIR KIT NO.	8.725-360.0	8.725-362.0	8.725-358.0	8.725-361.0	8.725-363.0	8.725-359.0
KIT DESCRIPTION	Plunger Seal LM-4035 LM-6035 18mm	Plunger Seal LM-4030 LM-5030 20mm	Plunger Seal LM-3540 15mm	Complete Seal Packing LM-4035 LM-6035 18mm	Complete Seal Packing LM-4030 LM-5030 20mm	Complete Seal Packing LM-3540 15mm
ITEM NUMBERS INCLUDED	3, 5, 7	3, 5, 7	3, 5, 7	3, 4, 5, 6, 7	3, 4, 5, 6, 7	3, 4, 5, 6, 7
NO. OF CYLINDERS KIT WILL SERVICE	3	3	3	1	1	1

REPAIR KIT NO.	8.751-237.0	8.751-238.0	8.933-023.0	9.802-603.0	9.802-609.0
KIT DESCRIPTION	Plunger LM-4035 LM-6035 18mm	Plunger LM-4030 LM-5030 20mm	Plunger LM-3540 15mm	Complete Valve	Plunger Oil Seals
ITEM NUMBERS INCLUDED	33, 34, 35, 36, 37, 38	33, 34, 35, 36, 37, 38	33, 34, 35, 36, 37, 38	11, 12, 13	2
NO. OF CYLINDERS KIT WILL SERVICE	1	1	1	6	3

5-2300, 5-3000, 6-3200 T.1 SERIES PUMP EXPLODED VIEW

TORQUE
SPECS

Item #	Ft.-Lbs.
17	75
18	45
27	18
37	10
48	30
53	7.6

T.1 SERIES PUMP EXPLODED VIEW PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	9.803-163.0	Crankcase	1	19	9.802-890.0	Washer	8
2	9.803-195.0	Plunger Guide	3	20	9.803-198.0	Copper Washer 3/8"	1
3*	See Kit	Plunger Oil Seal	3	21	9.802-925.0	Brass Plug 3/8"	1
4*	See Kit	O-Ring Ø1.78 x 31.47	3	26	9.802-884.0	Washer	8
5*	See Kit	"Pressure Ring, Brass	3	27	9.802-944.0	Hexagonal Screw	8
6*	See Kit	"U" Seal Low Pressure	3	28	9.803-182.0	Closed Bearing Housing	1
7*	See Kit	Intermediate Ring, Brass	3	29	9.803-186.0	O-Ring Ø2.62 x 71.12	2
8*	See Kit	Support Ring, Teflon Bronze	3	30	9.803-160.0	Roller Bearing, Tapered	2
9*	See Kit	"U" Seal High Pressure	3	31	9.803-148.0	Crankshaft (GT4040.1, 5030.1, 6035.1)	1
10*	See Kit	Support Ring	3		9.803-149.0	Crankshaft (GT 4035.1)	1
11	9.802-926.0	Brass Plug, 1/2"	1	32	9.803-167.0	Crankshaft Key	1
12	9.803-199.0	Copper Washer 1/2"	1	33	9.802-923.0	Oil Dip Stick	1
13	9.802-933.0	Manifold Head	1	34	9.803-139.0	Crankshaft Seal	1
14*	See Kit	O-Ring Ø2.62 x 17.13	6	35	9.803-177.0	Shim	2
15*	See Kit	Valve Assembly	6	36	9.803-181.0	Bearing Housing	1
16*	See Kit	O-Ring Ø2.62 x 20.29	6	37*	See Kit	Plunger Bolt	3
17	9.802-928.0	Valve Plug	6	38*	See Kit	Copper Spacer	3
18	9.802-943.0	Manifold Stud Bolt	8				

T.1 SERIES PUMP PARTS LIST (CONT)

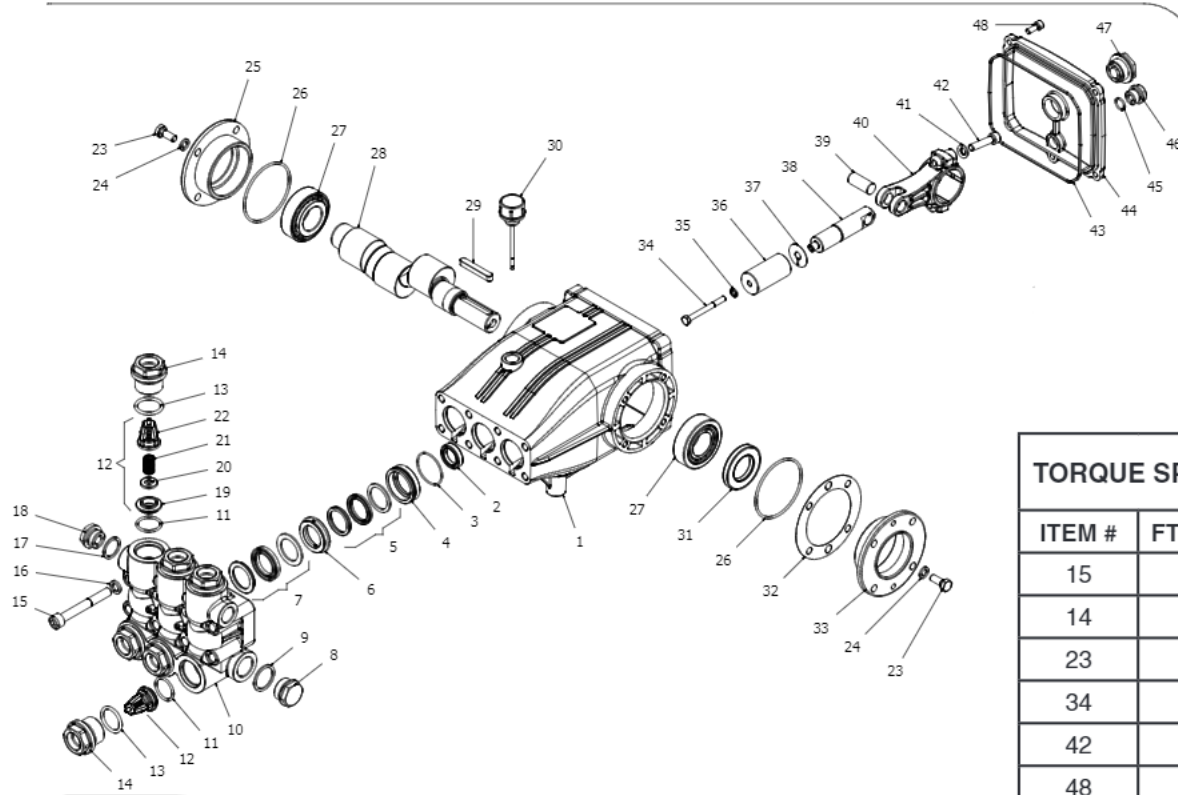
ITEM	PART NO.	DESCRIPTION	QTY
39*	See Kit	O-Ring Ø1.78 x10.82	3
40*	See Kit	Teflon Ring	3
41*	See Kit	Plunger	3
42*	See Kit	Copper Spacer	3
43	9.803-143.0	Plunger Rod	3
44	9.803-157.0	Connecting Rod	3
45	9.802-912.0	Snap Ring	6
46	9.802-915.0	Connecting Rod Pin	3
47	9.802-889.0	Spring Washer	6
48	9.802-937.0	Connecting Rod Screw	6
49	9.803-194.0	O-Ring Ø2.62 x 152.07	1
50	9.803-166.0	Crankcase Cover	1
51	9.803-197.0	Gasket, G3/8	1
52	9.803-202.0	Sight Glass G3/4	1
53	9.802-939.0	Cover Screw	5

* Part available in kit (See below)

REPAIR KIT NUMBER	8.916-488.0	8.916-487.0	8.916-322.0	8.916-323.0	9.802-607.0	9.802-611.0
KIT DESCRIPTION	Plunger "U" Seal 20mm LT-4040.1, LT-6035.1 LT-4035.1	Plunger "U" Seal 22mm LT-5030.1	"U" Seal Packing Assy 20mm LT-4040.1 LT-6035.1 LT-4035.1	"U" Seal Packing Assy 22mm LT-5030.1	Plunger 20mm LT-4040.1 LT-6035.1 LT-4035.1	Plunger 22mm LT-5030.1
ITEM NUMBERS INCLUDED	4, 6, 8, 9, 10	4, 6, 8, 9, 10	4, 5, 6, 7, 8, 9,10	4, 5, 6, 7, 8, 9,10	37, 38, 39, 40, 41, 42	37, 38, 39, 40, 41, 42
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	1	1	1	1

REPAIR KIT NUMBER	9.802-603.0	9.802-606.0
KIT DESCRIPTION	Complete Valve (all pumps)	Plunger Oil Seals (all pumps)
ITEM NUMBERS INCLUDED	14, 15, 16	3
NUMBER OF CYLINDERS KIT WILL SERVICE	6	3

8-3200, 10-3000 X.2 SERIES PUMP EXPLODED VIEW



X.2 SERIES PUMP EXPLODED VIEW PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	8.752-825.0	Crankcase	1	18	9.802-926.0	Brass Plug 1/2	1
2*	See Kit Below	Plunger Oil Seal	3	19	See Kit Below	Valve Seat	6
3*	See Kit Below	O-Ring Ø1.78 x 37.82	3	20	See Kit Below	Valve Plate	6
4*	See Kit Below	Pressure Ring	3	21	See Kit Below	Valve Spring	6
5*	See Kit Below	U-Seal	3	22	See Kit Below	Valve Cage	6
6*	See Kit Below	Intermediate Ring	3	23	8.752-830.0	Hex Screw	8
7*	See Kit Below	U-Seal	3	24	9.802-884.0	Washer	8
8	9.803-285.0	Brass Plug, G3/4	1	25	9.803-182.0	Closed Bearing Housing	1
9	9.803-286.0	Copper Washer 3/4	1	26	9.803-186.0	O-Ring Ø2.62 x 71.12	2
10	8.752-831.0	Manifold Housing Ø22/Ø20/	1	27	9.803-160.0	Roller Bearing	2
11*	8.752-836.0	O-Ring Ø2.62 x 21.89	6	28	8.752-829.0	Crankshaft Ø25 (9536)	1
12*	See Kit Below	Valve Assembly	6		8.752-827.0	Crankshaft Ø25 (1036)	1
13*	9.803-287.0	O-Ring Ø3.53 x 25.80-134	6	29	9.803-293.0	Crankshaft Key	1
14	8.752-855.0	Valve Plug	6	30	8.752-834.0	Oil Dip Stick	1
15	8.752-833.0	Manifold Stud Bolt	8	31	9.803-139.0	Crankshaft Seal	1
16	9.802-890.0	Lock Washer	8	32	9.803-177.0	Shim	2
17	9.803-199.0	Copper Washer 1/2	1				

X.2 SERIES PUMP EXPLODED VIEW PARTS LIST (CONT.)

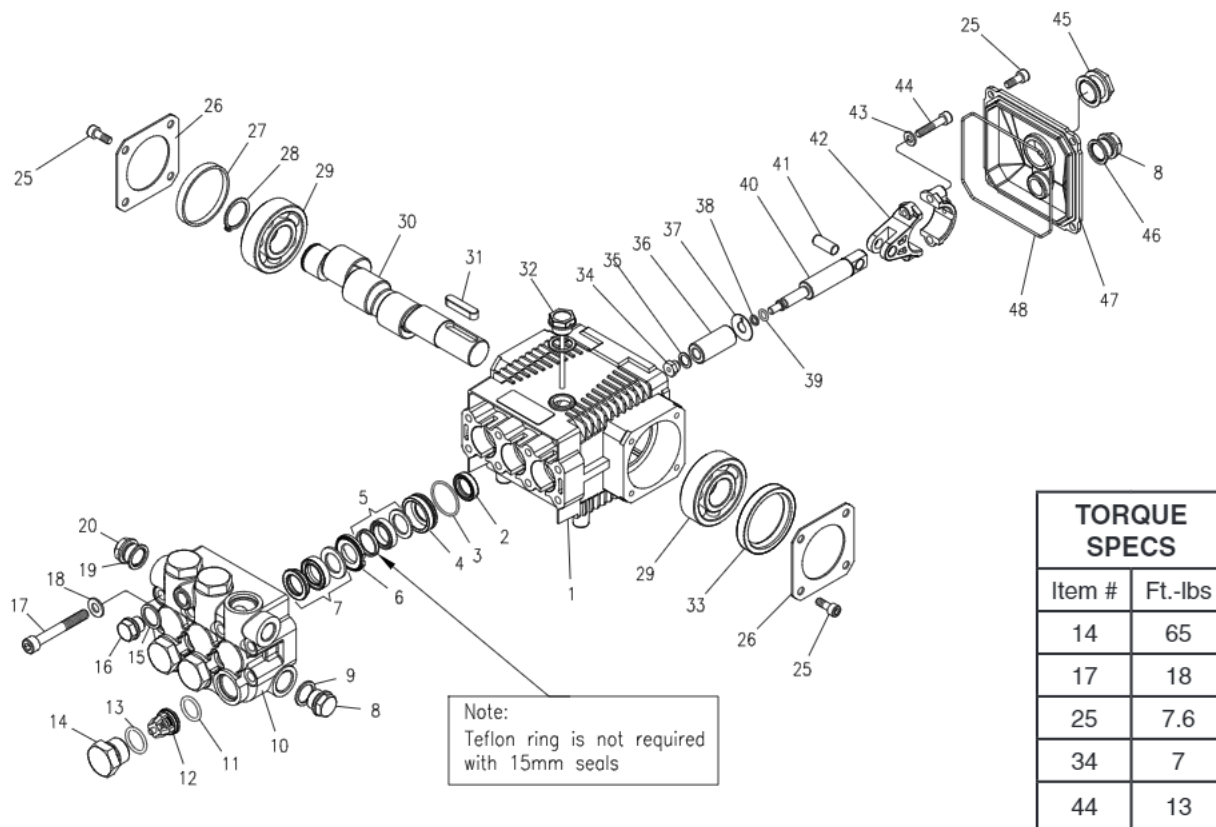
ITEM	PART NO.	DESCRIPTION	QTY
33	9.803-181.0	Bearing Housing	1
34*	8.752-841.0	Plunger Bolt	3
35*	8.752-820.0	Bonded Seal	3
36*	8.752-847.0	Plunger, 22mm	3
37*	8.752-823.0	Copper Spacer	3
38	8.752-842.0	Plunger Rod	3
39	8.752-822.0	Connecting Rod Pin	3
40	9.803-157.0	Connecting Rod	3
41	9.802-889.0	Spring Washer	6
42	9.802-937.0	Connecting Rod Screw	6
43	9.803-194.0	O-Ring Ø2.62 x 152.07	1
44	8.752-826.0	Crankcase Cover	1
45	9.803-906.0	O-Ring Ø1.78 x 14.00	1
46	8.707-262.0	Brass Plug G3/8	1
47	9.803-202.0	Sight Glass G3/4	1
48	8.752-824.0	Cover Screw	5

* Available in kit (See below)

KIT NUMBERS	8.752-844.0	8.752-850.0	8.752-839.0	8.752-853.0	8.752-835.0
KIT DESCRIPTION	Plunger Seals 22 mm	Seal Packing 22mm	Plunger 22mm	Complete Valve	Plunger Oil Seals
ITEMS NUMBERS INCLUDED	3, 5, 7	3, 4, 5, 6, 7,	34, 35, 36, 37	11, 12, 13	2
NUMBER OF CYLINDERS KIT WILL SERVICE	3	1	1	6	3

4-2000 D.1 SERIES PUMP EXPLODED VIEW

8.904-856.0 LD 4020R.1



D.1 SERIES PUMP EXPLODED VIEW PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	9.803-938.0	Crankcase	1	11*	9.803-947.0	O-Ring Ø1.78 x 15.54	6
2*	See Kits	Plunger Oil Seal	3	12*	See Kits	Valve Assembly	6
3*	See Kits	O-Ring Ø1.78 x 28.30	3	13*	9.803-948.0	O-Ring Ø2.62 x 18.77	6
4*	See Kits	Pressure Ring 15mm (3030)	3	14	9.803-949.0	Valve Plug	6
	See Kits	Pressure Ring 18mm (4020, 3025)	3	15	9.803-950.0	Copper Washer 1/4	1
5*	See Kits	U-Seal, 15mm (3030)	3	16	9.803-951.0	Brass Plug G1/4	1
	See Kits	U-Seal, 18mm (4020, 3025)	3	17	9.803-952.0	Manifold Stud Bolt	8
6*	See Kits	Intermediate Ring 15mm (3030)	3	18	9.802-884.0	Washer	8
	See Kits	Intermediate 18mm (4020, 3025)	3	19	9.803-198.0	Copper Washer 3/8	1
7*	See Kits	Intermed. Ring 15mm (3030)	3	20	9.802-925.0	Brass Plug 3/8	2
	See Kits	Intermed. Ring 18mm (4020, 3025)	3	25	9.802-939.0	Screw	12
8	9.802-926.0	Brass Plug 1/2"	1	26	9.803-953.0	Bearing Cover	2
9	9.803-199.0	Copper Washer 1/2"	1	27	9.803-954.0	Bearing Seal	1
10	9.803-946.0	Manifold Housing	1	28	9.802-914.0	Snap Ring	1
				29	9.803-955.0	Ball Bearing	2
				30	9.803-956.0	Crankshaft	1
				31	9.803-167.0	Crankshaft Key	1
				32	9.803-957.0	Oil Dipstick	1

D.1 SERIES PUMP PARTS LIST (CONT)

ITEM	PART NO.	DESCRIPTION	QTY
33	8.933-010.0	Crankshaft Seal	1
34*	See Kits	Plunger Nut	3
35*	See Kits	Copper Spacer	3
36*	See Kits	Plunger, 15mm (3030)	3
	See Kits	Plunger, 18mm (4020, 3025)	3
37*	See Kits	Copper Spacer	3
38*	See Kits	O-Ring Ø1.78 x 5.28	3
39*	See Kits	Teflon Ring	3
40*	See Kits	Plunger Rod	3
41	9.803-965.0	Connecting Rod Pin	3
42	9.803-966.0	Connecting Rod	3
43	9.803-218.0	Spring Washer	6
44	8.933-020.0	Connecting Rod Screw	6
45	9.803-202.0	Sight Glass	1
46	9.803-197.0	Gasket	1
47	9.803-968.0	Crankcase Cover	1
48	9.803-969.0	O-Ring Ø2.62 x 107.62	1

* Available in kit (See below)

REPAIR KIT NUMBER	8.725-354.0	8.725-356.0	8.725-355.0	8.725-357.0	9.803-934.0	9.803-935.0	9.803-936.0	9.803-937.0
KIT DESCRIPTION	Plunger Seal 15mm LD-3030	Plunger Seal 18mm LD-3025 LD-4020	Complete Seal Packing, 15mm LD-3030	Complete Seal Packing, 18mm LD-3025 LD-4020	Plunger 15mm LD-3030	Plunger 18mm LD-3025 LD4020	Complete Valve	Plunger Oil Seals
ITEM NUMBERS INCLUDED	3, 5, 7	3, 5, 7	3, 4, 5, 6, 7	3, 4, 5, 6, 7	34, 35, 36, 37, 38	34, 35, 36, 37, 38	11, 12, 13	2
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	1	1	1	1	6	3

SPECIFICATIONS

NG BURNER SPECIFICATIONS

MODEL	BURNER ASSEMBLY	JET SIZE	GAS VALVE	PILOT ORIFICE CONVERSION
4-2000	X-44	#54	See Parts List	No
4-2200	X-44	#54	See Parts List	No
4-3000	X-44	#54	See Parts List	No
5-2300	X-44	#52	See Parts List	No
5-3000	X-44	#52	See Parts List	No
6-3200	X-44	#50	See Parts List	No
8-3200	X-88	#52	See Parts List	No
10-3000	X-88	#52	See Parts List	No

LP BURNER SPECIFICATIONS

MODEL	BURNER ASSEMBLY	JET SIZE	GAS VALVE	PILOT ORIFICE CONVERSION
4-2000LP	X-44	#63	See Parts List	No
4-2200LP	X-44	#63	See Parts List	No
4-3000LP	X-44	#63	See Parts List	No
5-2300LP	X-44	#59	See Parts List	No
5-3000LP	X-44	#59	See Parts List	No
6-3200LP	X-44	#56	See Parts List	No
8-3200LP	X-88	#60	See Parts List	No
10-3000LP	X-88	#60	See Parts List	No