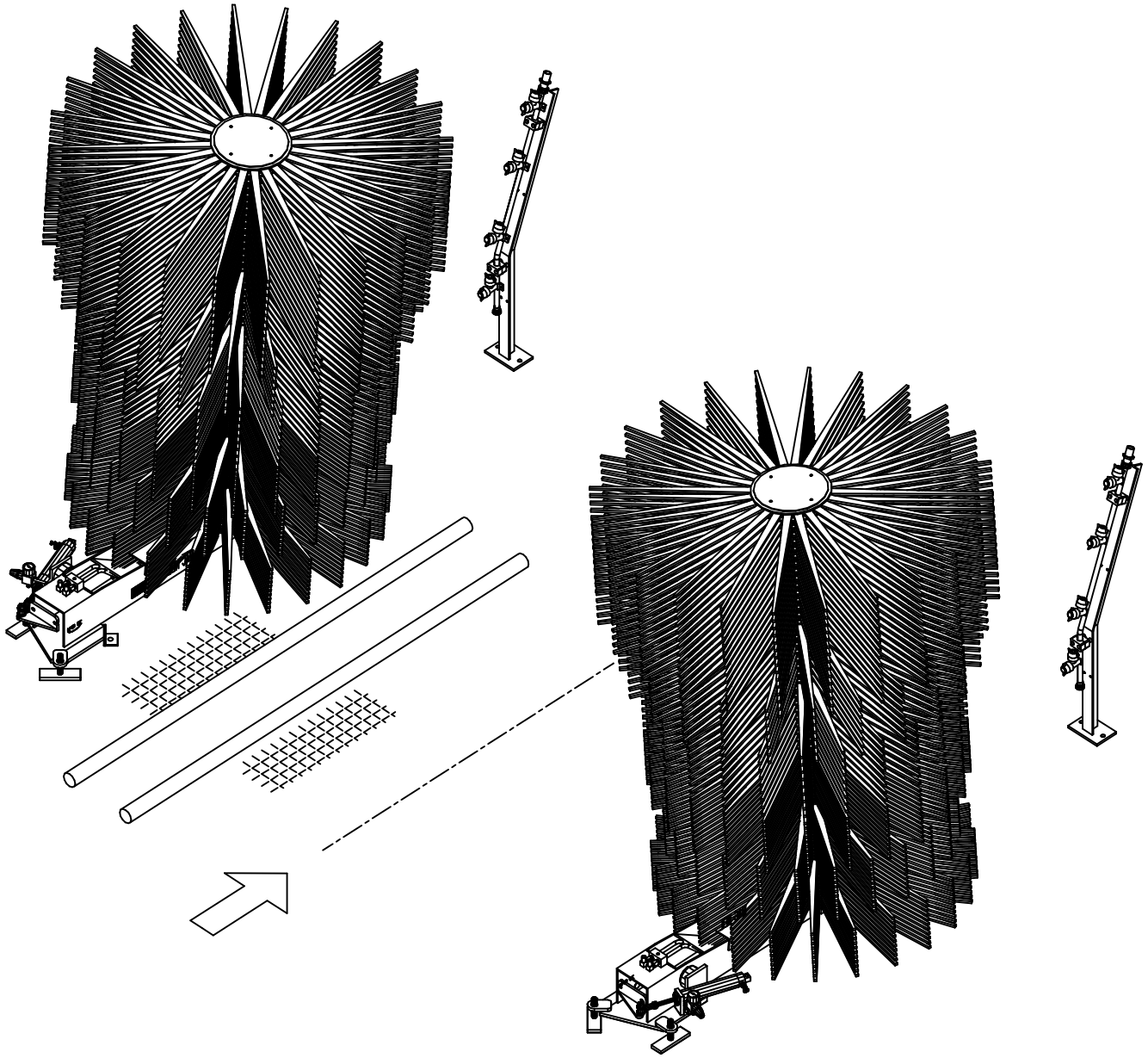
MAY, 2004

RS-301
HIGH SIDE WASHER
(SEC. GENERATION OF ENVIRO-SOFT)

PARTS LIST



MACNEIL WASH SYS.

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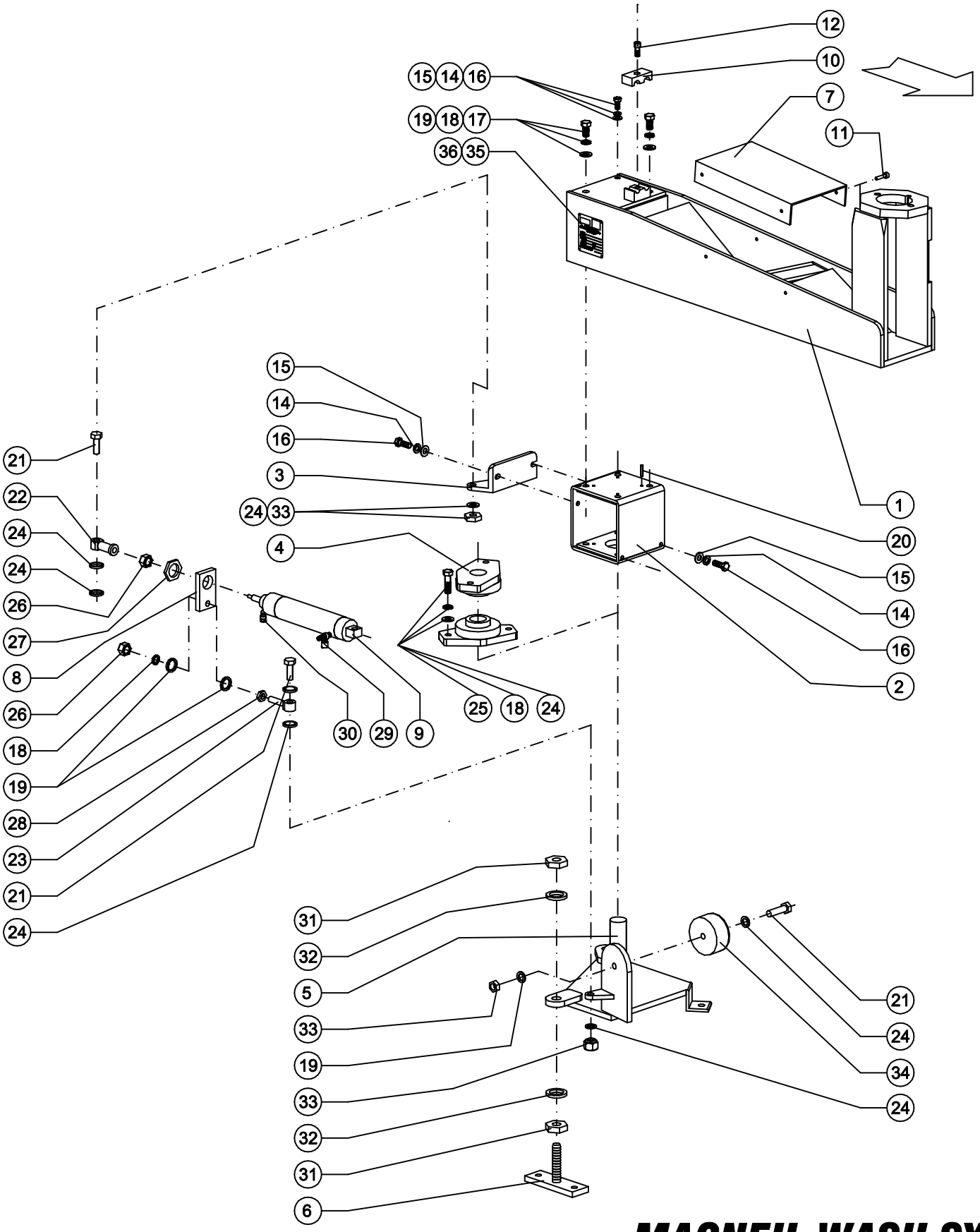
HIGH SIDE WASHER (SEC. GENERATION OF ENVIRO-SOFT)

ARM ASS'Y



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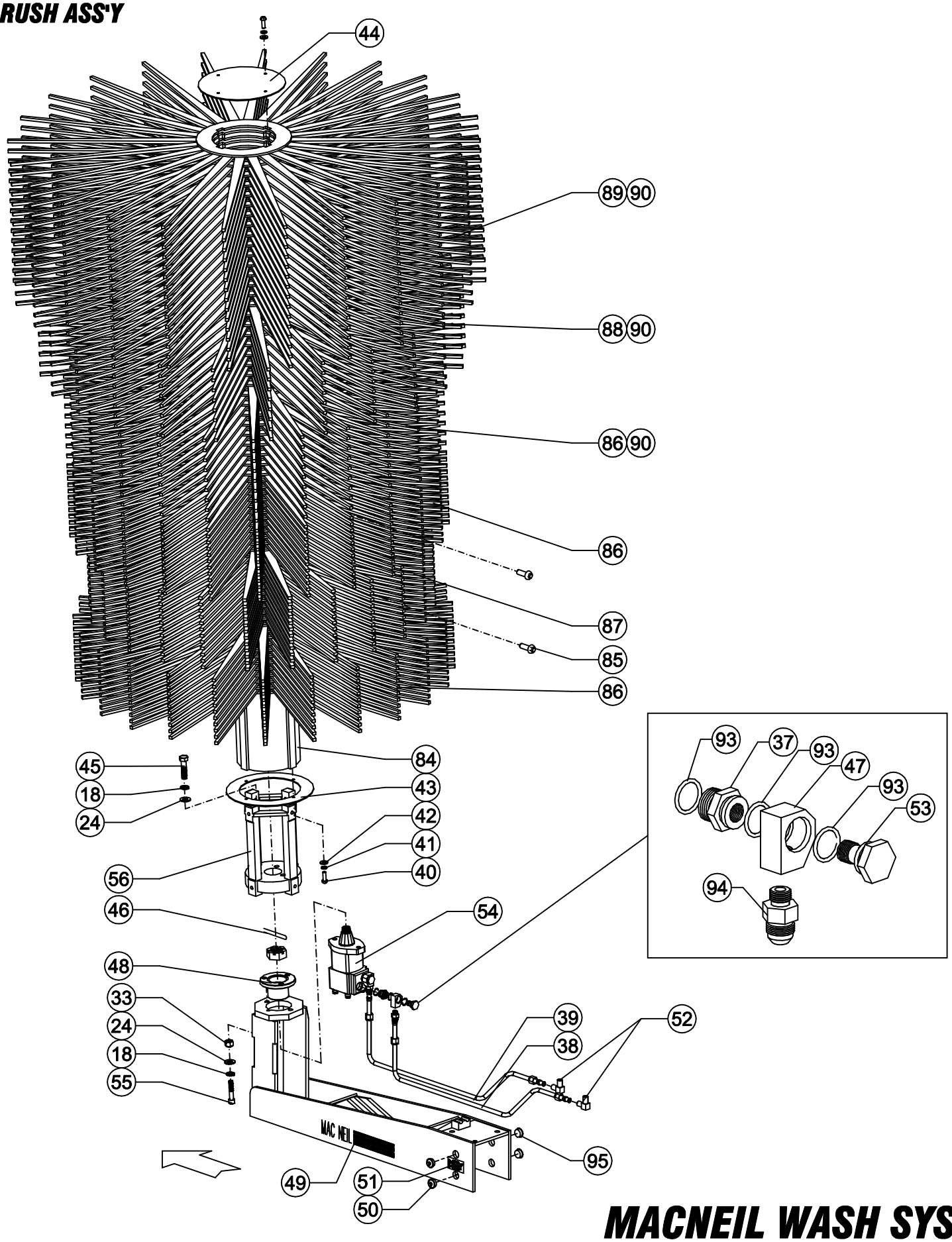
HIGH SIDE WASHER (SEC. GENERATION OF ENVIRO-SOFT)

BRUSH ASS'Y



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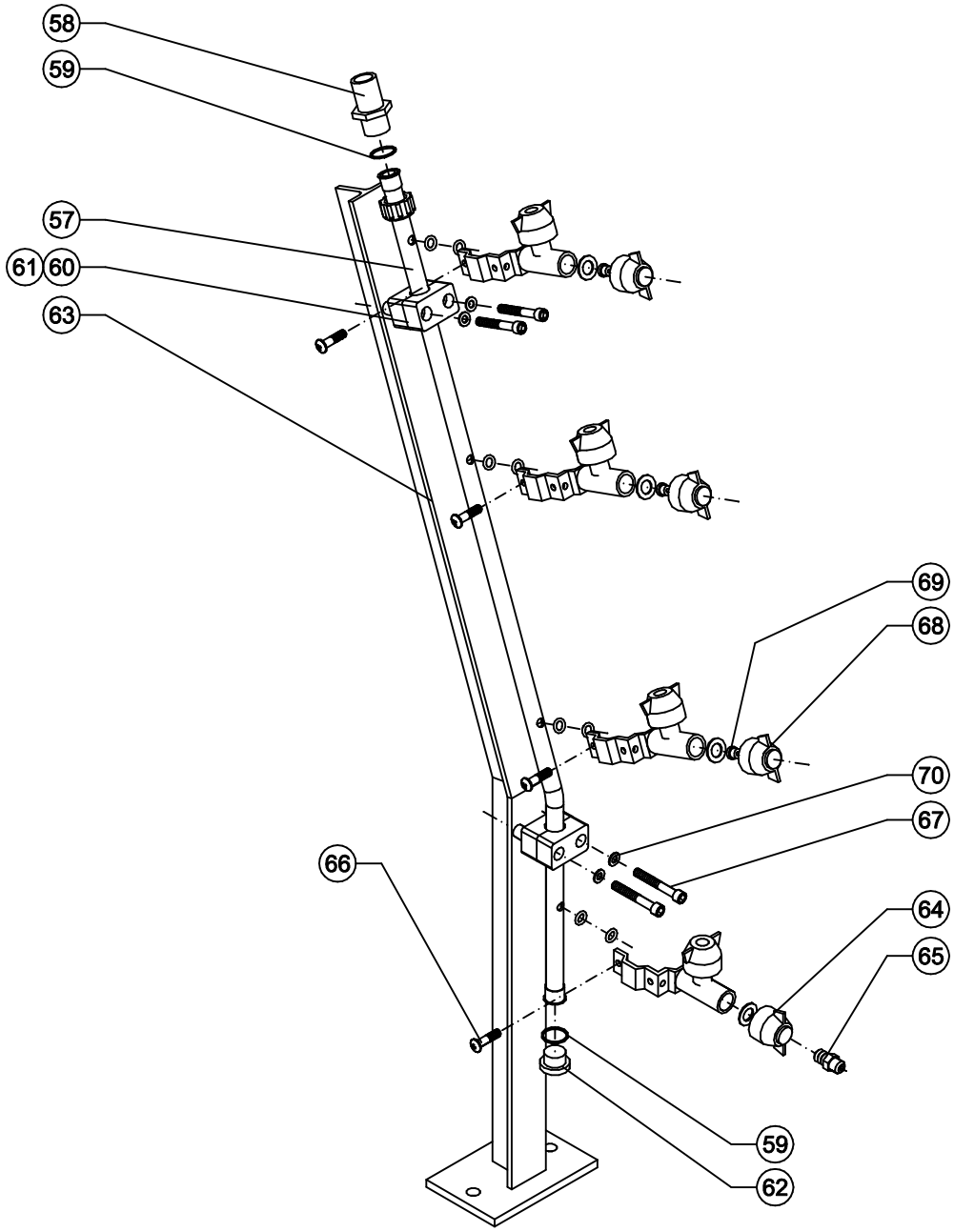
HIGH SIDE WASHER(SEC. GENERATION OF ENVIRO-SOFT)

WATER MANIFOLD ASS'Y



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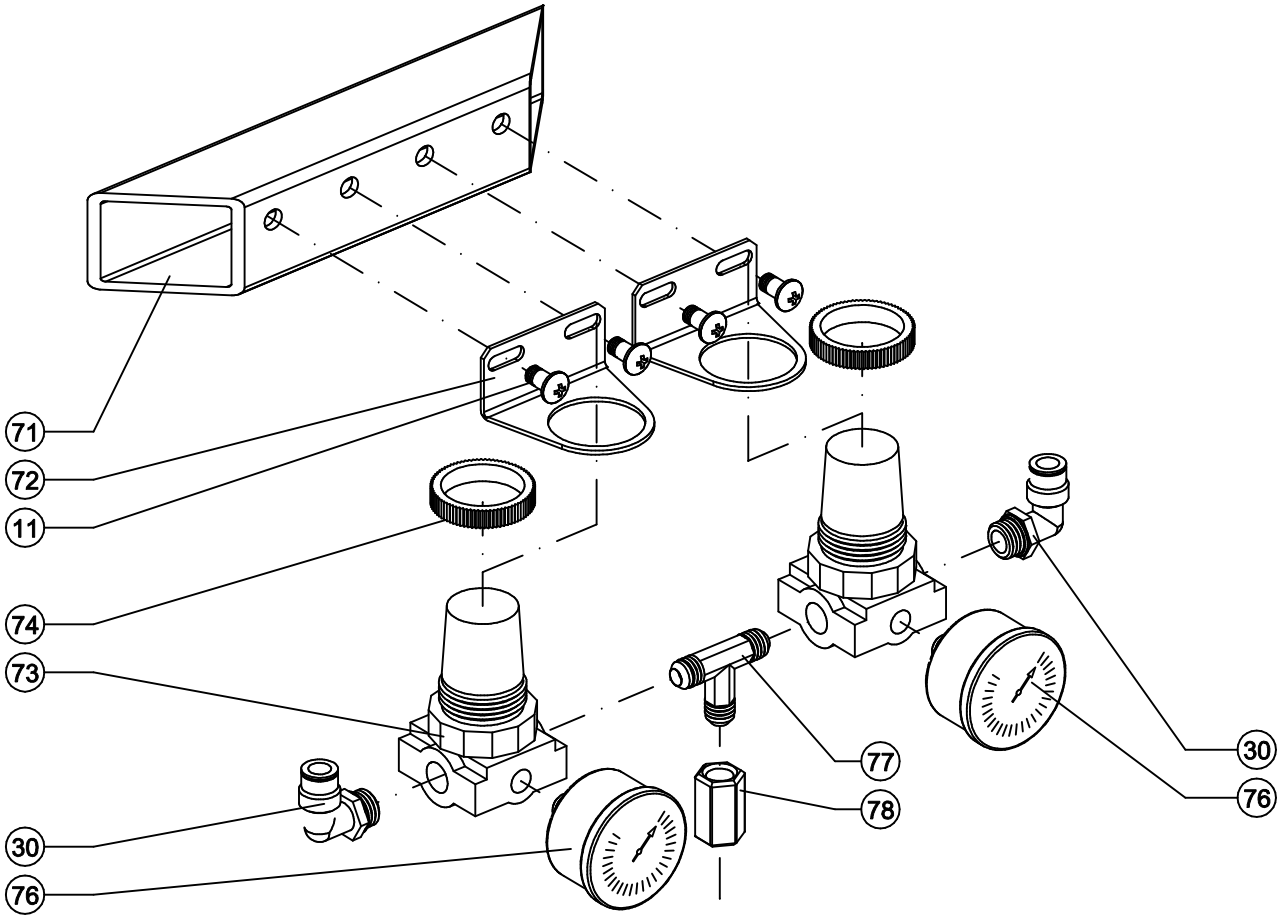
HIGH SIDE WASHER (SEC. GENERATION OF ENVIRO-SOFT)

AIR MANIFOLD ASS'Y(STANDARD)

PART NO. :90-903-00-MP



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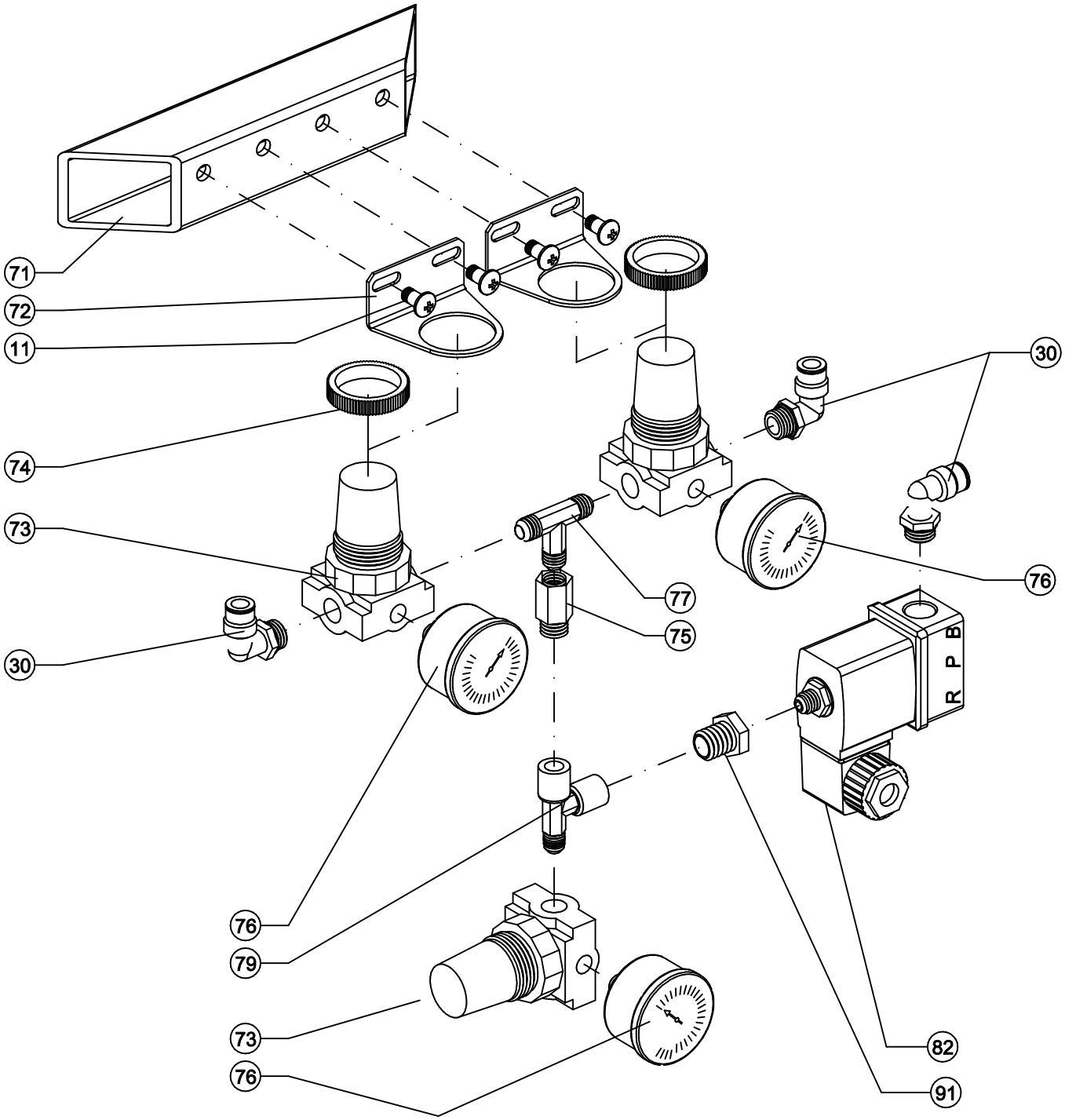
HIGH SIDE WASHER (SEC. GENERATION OF ENVIRO-SOFT)

AIR MANIFOLD ASS'Y(RETRACT OPTION)

PART NO. :90-901-00-MP (FOR 24 VOLTS)

PART NO. :90-905-00-MP (FOR 110 VOLTS)



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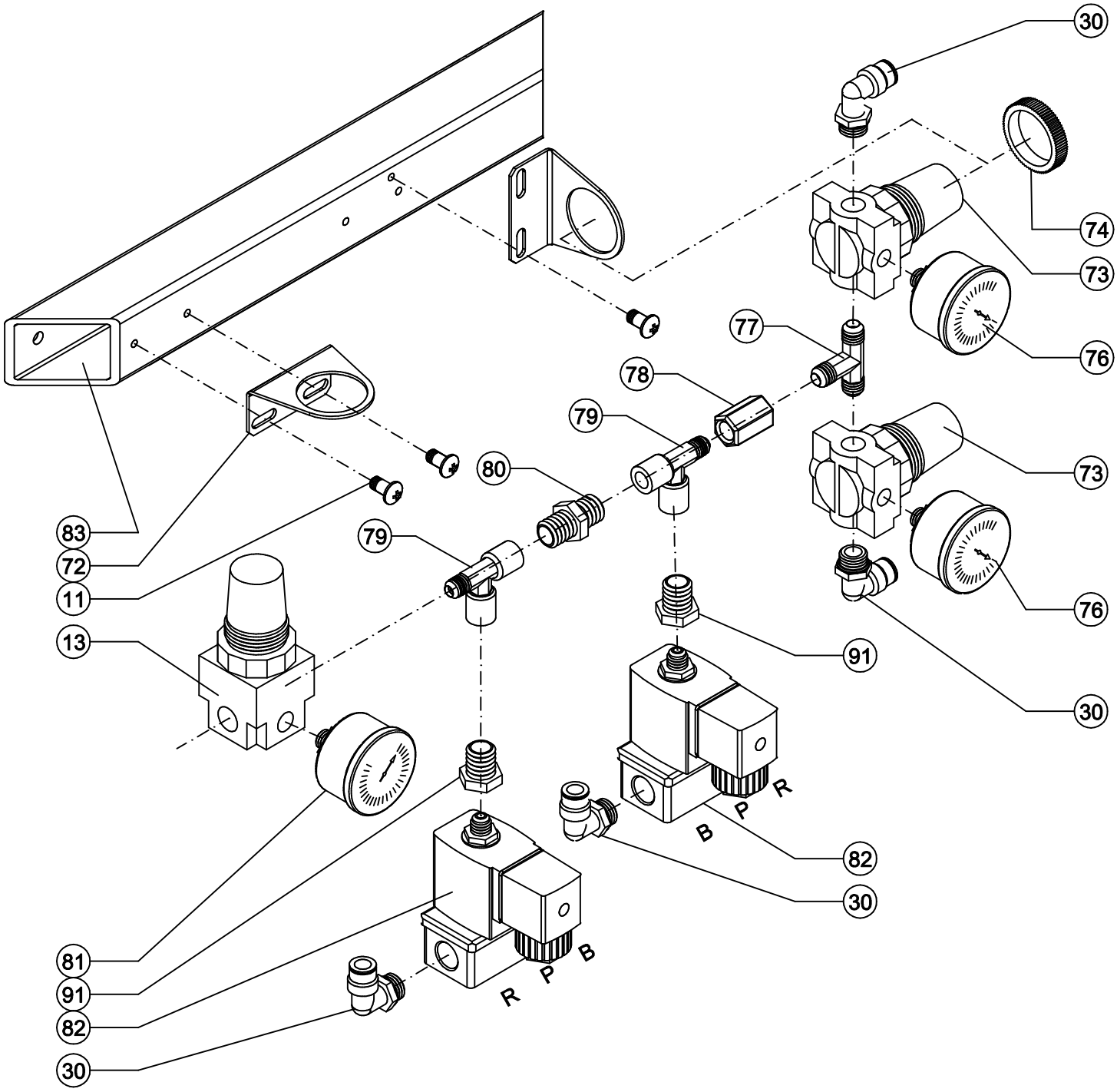
HIGH SIDE WASHER (SEC. GENERATION ENVIRO-SOFT)

AIR MANIFOLD ASS'Y(STAGGERED RETRACT OPTION)
PART NO.: 90-900-00-MP (FOR 24 VOLTS)
PART NO.: 90-904-00-MP (FOR 110 VOLTS)



Item no.	*Req'd*	*Description*	*Part no.*	*Remarks*
1a	1	Arm D/S	50-310-00-SG	
1b	1	Arm P/S	50-320-00-SG	
2	2	Pivot Head	10-900-00-SG	
3a	1	Cylinder Mount D/S	43-545-00-BK	
3b	1	Cylinder Mount P/S	41-570-00-BK	
4	4	1 1/2"-2 Hole Flange Bearing	90-190-00-PP	
5a	1	Side Brush Base D/S	43-210-00-SG	
5b	1	Side Brush Base P/S	43-220-00-SG	
6	4	Adjuster Foot Base 4 1/2" S.S.	10-005-00-MP	
7	2	Cover Plate S.S.	48-300-00-PP	
8	2	Trunion Mount	43-530-00-BK	
9	2	Air Cylinder	90-100-01-PP	
10	1	Double Cushion Hose Block(Pair)	90-152-00-PP	
11	12	#10-24X1/2" Pan HD PHL S.S.	83-510-008-SNC	**Qty:11 for Staggered Retract Opt.**
12	2	SHCS 5/16-18X3/4" S.S.	82-705-012-SIC	
13	1	Air Regulator SMC	44-101-01-PP	
14	10	Lock Washer 3/8" S.S.	80-906-000-SI	
15	10	Flat Washer 3/8" S.S.	80-106-000-SI	
16	10	HHCS 3/8-16X1" S.S.	82-506-016-SIC	
17	4	HHCS 1/2-13X1" S.S.	82-508-016-SIC	
18	24	Lock Washer 1/2" S.S.	80-908-000-SI	
19	10	Flat Washer 1/2" S.S.	80-108-000-SI	
20	8	3/16" X1" Spring Pin Bare	86-203-016-BI	
21	6	HHCS 1/2-13X2" S.S.	82-508-032-SIC	
22	2	1/2 Female Rod End	90-151-02-PP	
23	2	1/2 Male Rod End	90-151-03-PP	
24	22	Flat Washer SAE 1/2" S.S.	80-208-000-SI	
25	8	HHCS 1/2-13X1 1/4" S.S.	82-508-020-SIC	
26	4	Jam Nut 1/2" S.S.	84-108-000-SIF	
27	2	Cylinder Jam Nut 1 1/4"	90-090-00-PP	
28	2	Nut 1/2"-20 S.S.	84-008-000-SIF	
29	2	Flow Control Valve 1/4"	90-140-01-PP	
30	4	1/4" NPT-1/4" Tube Swivel Elbow	90-223-06-PP	**Qty:5 For Retract Option** **Qty:7 For Staggered Retract Opt.**
31	8	Nut 3/4"-10 S.S.	84-012-000-SIC	
32	8	Thrust Washer 3/4" S.S.	80-612-000-SI	
33	10	NyLock Nut 1/2"-13 S.S.	85-008-000-SIC	
34	2	Poly Bumper Black	40-370-00-PP	
35	1	Serial ID-TAG	36-900-00-PP	**Used For D/S only**

Item no.	Req'd	Description	Part no.	Remarks
36	4	1/8" Dia. Pop Rivet Al.	87-002-000-AL	Used For D/S only
37	4	Hydraulic Banjo Bushing	95-256-30-PP	
38	2	Hydraulic Tube Ass'y Short	95-624-01-MP	
39	2	Hydraulic Tube Ass'y Long	95-624-00-MP	
40	16	HHCS 1/4-20X3/4" BTN-HD S.S.	83-204-012-SIC	
41	16	Lock Washer 1/4" S.S.	80-904-000-SI	
42	16	Flat Washer 1/4" S.S.	80-104-000-SI	
43	2	Retainer Ring	53-300-10-CL	
44	2	Retainer Disc	53-300-11-CL	
45	6	HHCS 1/2-13X2 1/4" S.S.	82-508-036-SIC	
46	2	1/8" X 1 1/2" Cotter Pin Bare	86-002-024-BI	
47	4	Hydraulic Banjo Block	95-256-20-PP	
48	2	Large Bore Motor Hub	41-702-00-ZN	
49	2	1 3/4" MacNeil Decal	36-000-00-PP	
50	4	1" Dia. Hole Plug	44-013-00-MP	
51a	1	Speed/Rotation Decal CW 100rpm (For D/S)	36-070-02-PP	
51b	1	Speed Rotation Decal CCW 100rpm (For P/S)	36-070-03-PP	
52	4	1/2" Hydraulic Elbow	95-036-08-PP	
53	4	Hydraulic Banjo Bolt	95-256-10-PP	
54	2	Hydraulic Motor 9.6 Cu.in/r	95-100-08-BL	
55	4	SHCS 1/2-13X2 1/2" S.S.	82-708-040-SIC	
56	2	Hub-Core Drive	53-301-00-MP	
57	2	Water Manifold Ass'y	50-651-00-MP	
58	2	3/4" GHT-3/4" Hose Barb Blk	52-523-00-PP	
59	4	Garden Hose Washer	90-202-00-PP	
60	4	3/4 Single Hose Block Set	90-153-00-PP	
61	8	1/2"Dia. Spacer x 5/8" Ny.	80-008-010-NI	
62	2	3/4" GHT Plug	90-063-00-PP	
63	2	Water Manifold Post	50-500-00-SG	
64	2	Nozzle Body Ass'y- 1/4 NPT	10-201-00-MP	
65	2	Spray Nozzle Tip- 1/4 NPT (40 Deg.)	10-250-03-PP	
66	8	#10-24X5/8" Machine Screw S.S	83-510-10-SNC	
67	8	SHCS 1/4-20X2" S.S.	82-704-032-SIC	
68	6	Nozzle Body Ass'y	10-200-00-MP	
69	6	Spray Nozzle Tip (80 Deg.)	10-250-02-PP	
70	8	1/4" (Small O.D.) Flat Washer S.S.	80-304-000-SI	

Item no.	Req'd	Description	Part no.	Remarks
71	1	Air Manifold MTG Bracket	90-901-01-MP	
72	2	MTG Bracket B220	90-170-02-PP	
73	2	Air Regulator Watts	90-110-01-PP	Qty 3 for Retract Option Only
74	2	Regulator Nut	90-115-00-PP	
75	1	Brass Adapter 1/4" MPT-1/4" FPT	90-040-00-PP	Used on Retract Option Only
76	2	Air Gauge 0-60 psi	90-060-00-PP	Qty 3 for Retract Option Only
77	1	Forged Tee Brass 1/4" MPT	90-010-04-PP	
78	1	FTG Brass CPLR 1/4" NPT	90-022-01-PP	For Standard & Staggered Retract
79	1	Brass Forged Street Tee 1/4" NPT	90-015-04-PP	Used on Retract Option Only
	2	Brass Forged Street Tee 1/4" NPT	90-015-04-PP	Qty:2 For Staggered Retract Opt.
80	1	1/4" Hex Nipple	90-212-02-PP	1 Retract & 5 Staggered Retract
81	1	Air Gauge 0-160 psi	90-160-00-PP	Used on Staggered Retract
82	1	Solenoid Valve 3/2-Way N-O, 24V	90-141-22-PP	Used on Retract Option Only
	2	Solenoid Valve 3/2-Way N-O, 24V	90-141-22-PP	For Staggered Retract Opt.
		or		
	1	Solenoid Valve 3/2-Way N-O, 110V	90-141-24-PP	Used on Retract Option Only
	2	Solenoid Valve 3/2-Way N-O, 110V	90-141-24-PP	For Staggered Retract Opt.
83	1	Air Manifold MTG Bracket	90-900-01-MP	For Staggered Retract Opt.
84	2	RS301 Core-Panel , Sec. Generation Enviro-Soft	50-710-00-MP	
85	16	5/8-18X1" BTN-HD Screw S.S.	83-205-016-SIC	
86	64	Sec. Enviro-Soft Foam Plate, 48"dia., Blue	21-480-00-UP	
87	24	Sec. Enviro-Soft Foam Plate, 44"dia., Blue	21-440-00-UP	
88	16	Sec. Enviro-Soft Foam Plate, 54"dia., Blue	21-540-00-UP	
89	30	Sec. Enviro-Soft Foam Plate , 60"dia., Blue	21-600-00-UP	
90	66	Sec. Enviro-Soft Spacer , White	21-000-00-WP	
91	1	1/4NPT - 1/8NPT Reducing Bushing	90-030-00-pp	Used on Retract Option Only
	2	1/4NPT - 1/8NPT Reducing Bushing	90-030-00-pp	Used on Staggered Retract Option
92	***	Sec. Generation Enviro-Soft Brush Assembly	21-900-54-UP	
93	12	O-Ring 568-910	90-450-06-PP	
94	4	SAE O-Ring to 37 deg Flare 202702-6-8S	95-306-08-PP	
95	2	1" Dia Hole Button Plug	44-013-01-PP	