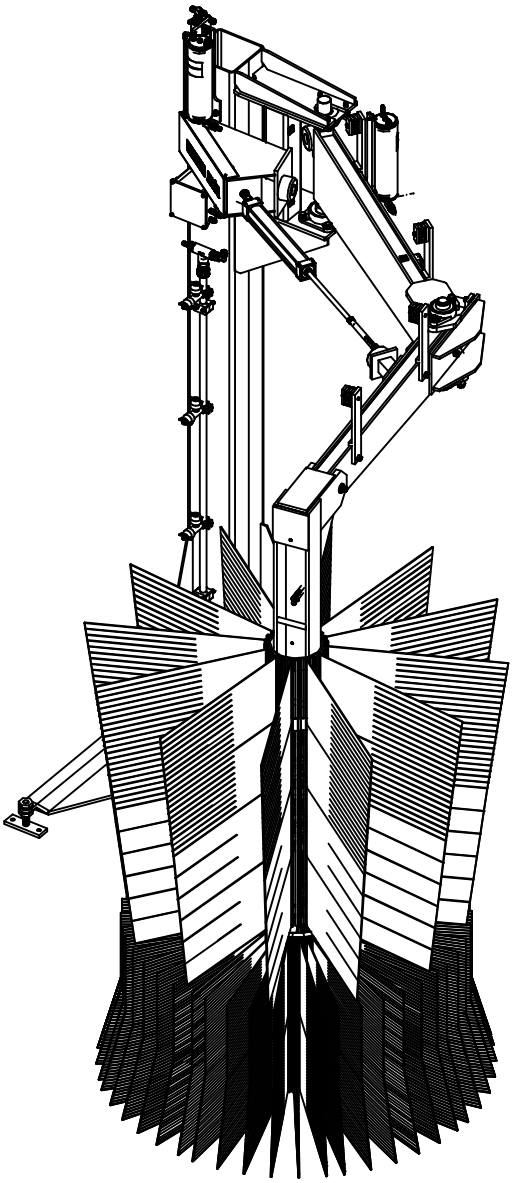
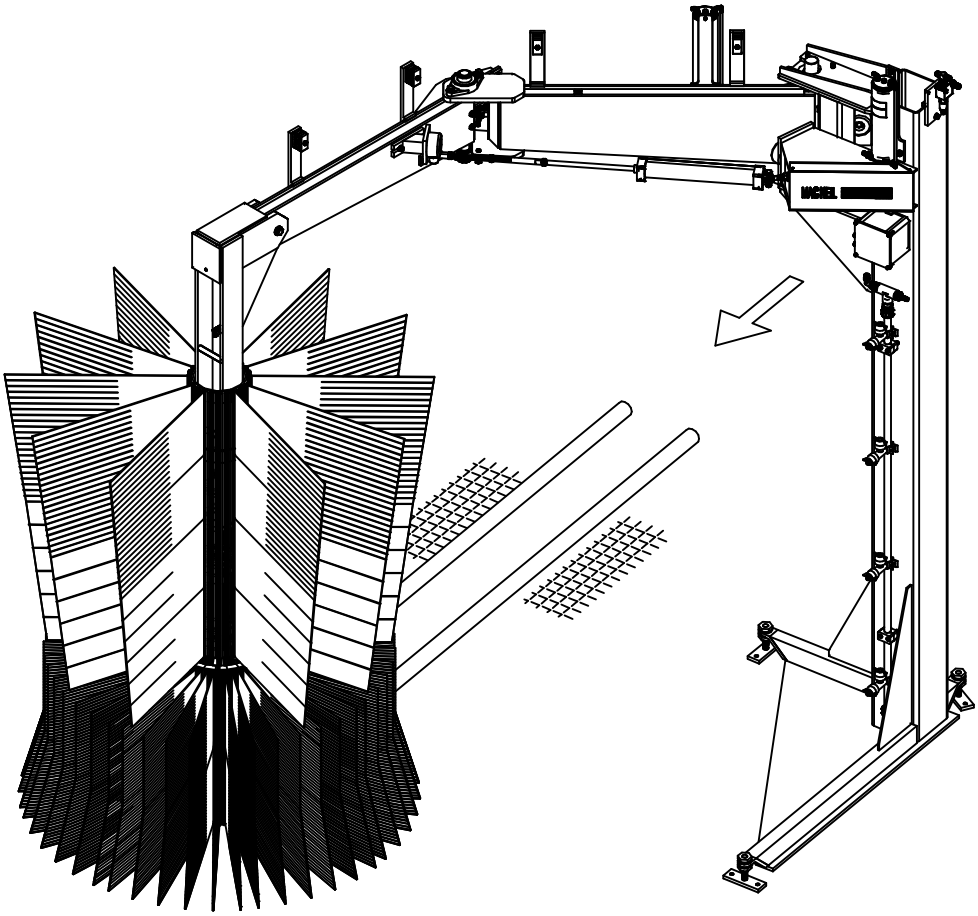
SEP. 2001

MACNEIL
GREAT IDEAS • GREAT RESULTS

RS-600
WRAP-AROUND BRUSH



PARTS LIST

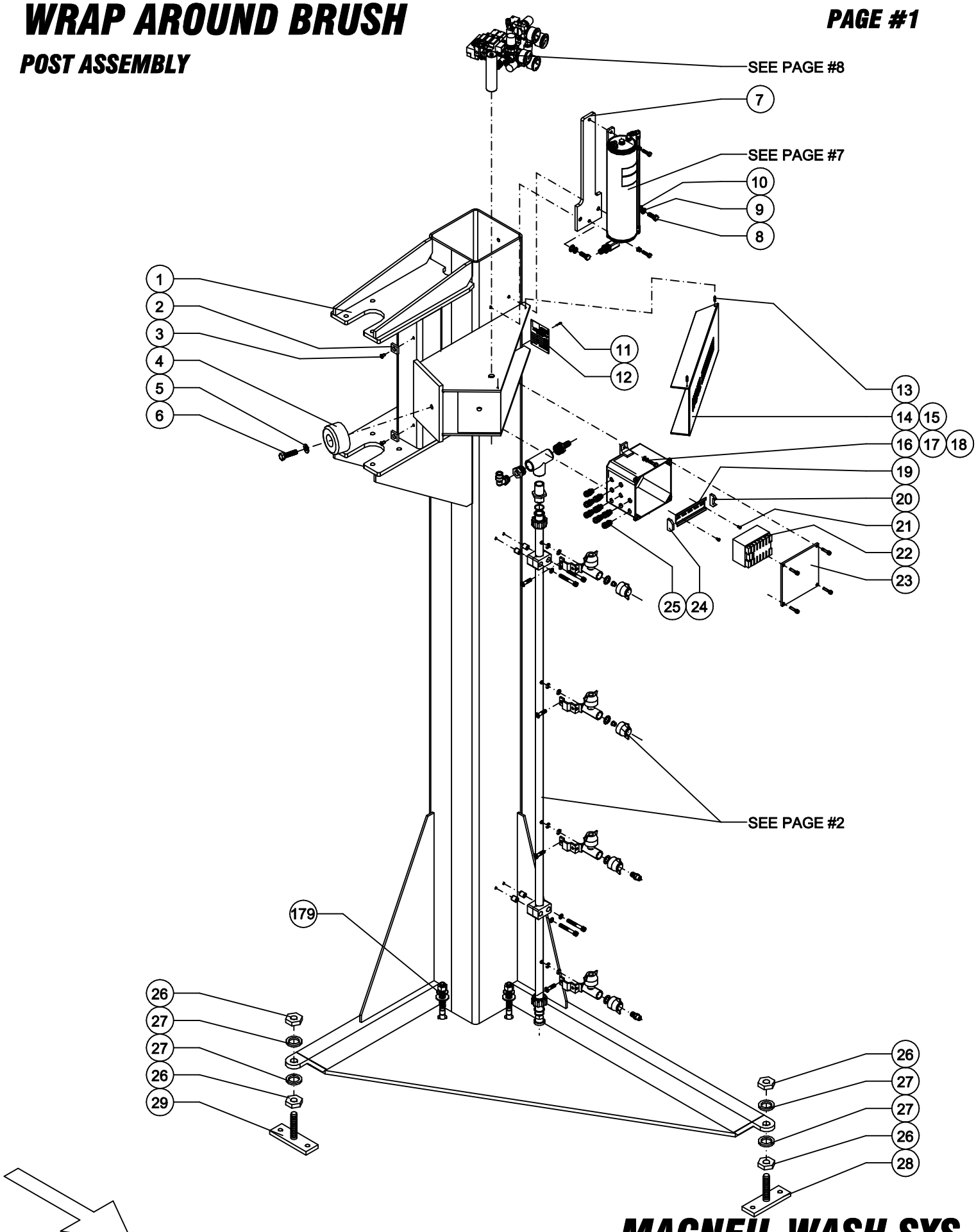


MACNEIL WASH SYS.

RS-600
WRAP AROUND BRUSH
POST ASSEMBLY

SEP. 2001

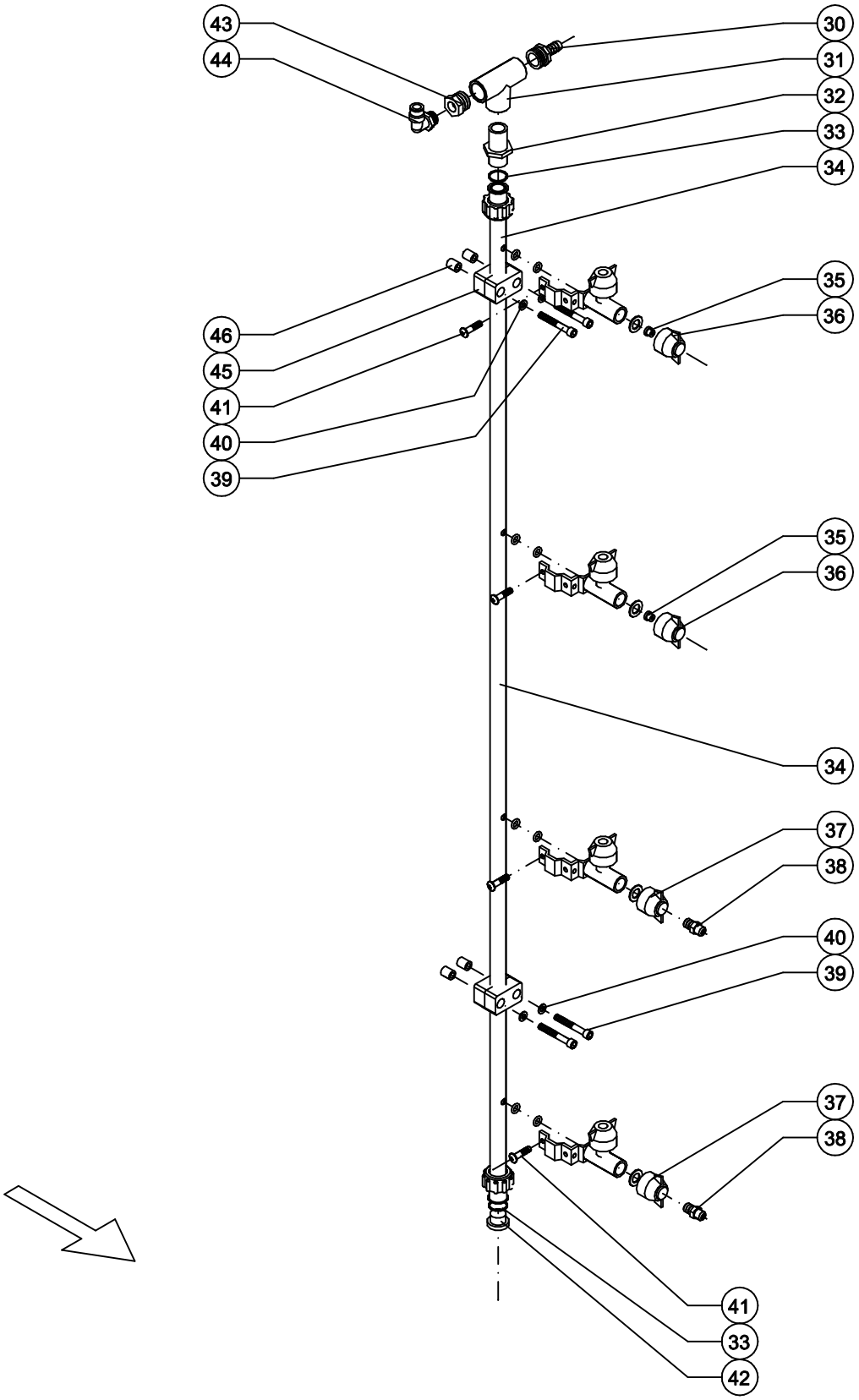
PAGE #1



MACNEIL WASH SYS.

RS-600
WRAP AROUND BRUSH

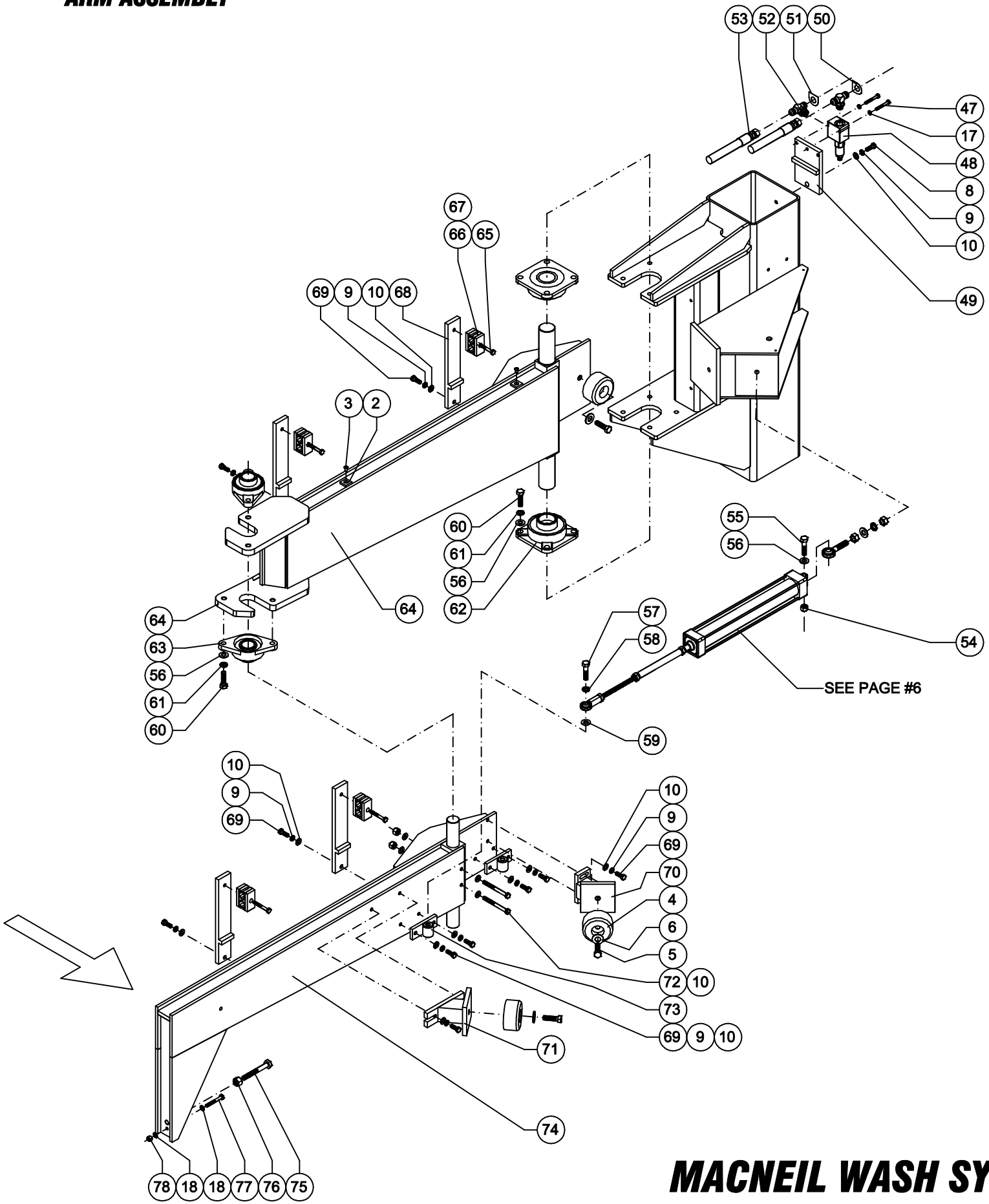
WATER MANIFOLD ASSEMBLY



RS-600
WRAP AROUND BRUSH
ARM ASSEMBLY

SEP. 2001

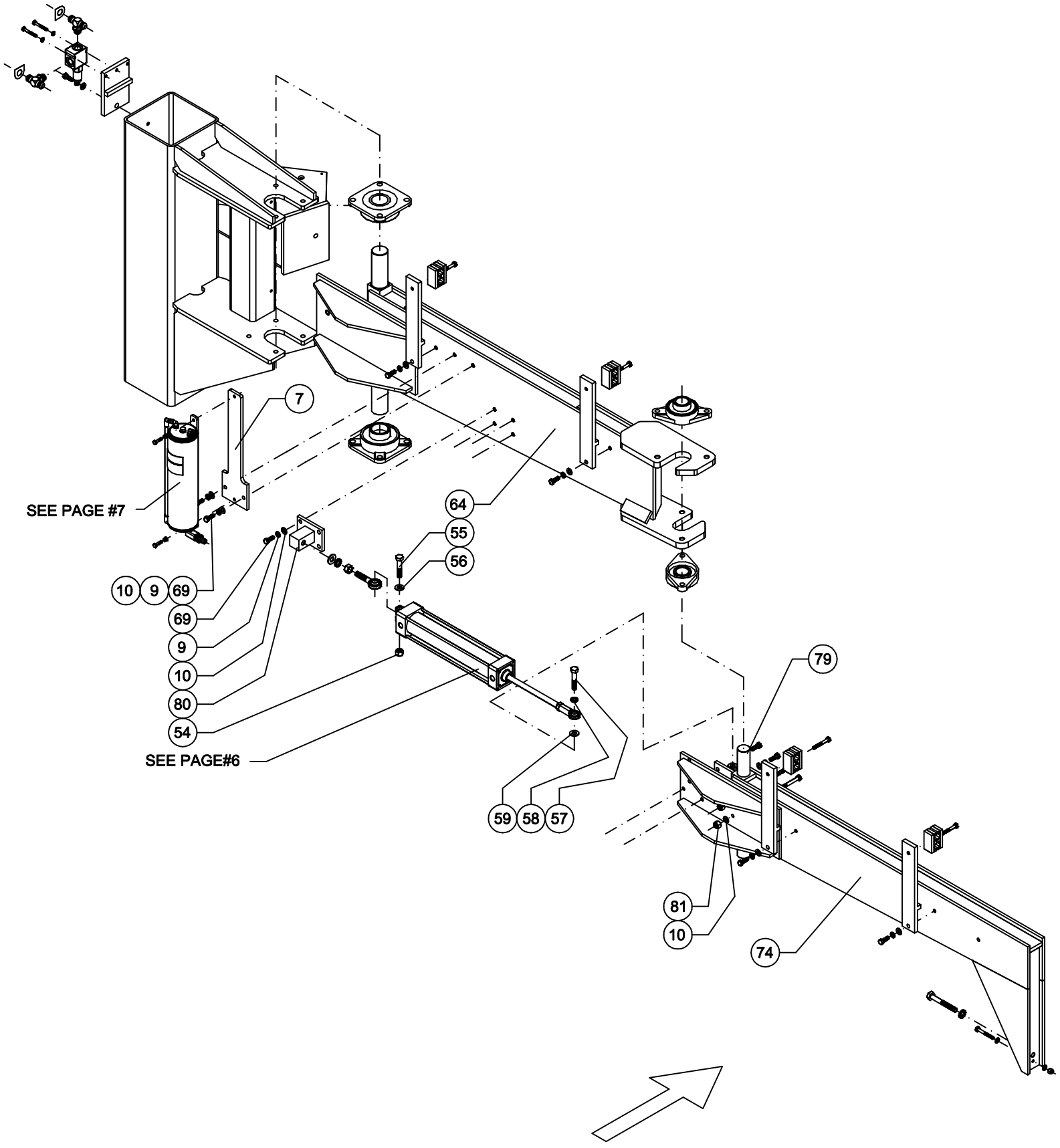
PAGE #3



MACNEIL WASH SYS.

RS-600
WRAP AROUND BRUSH

ARM ASSEMBLY

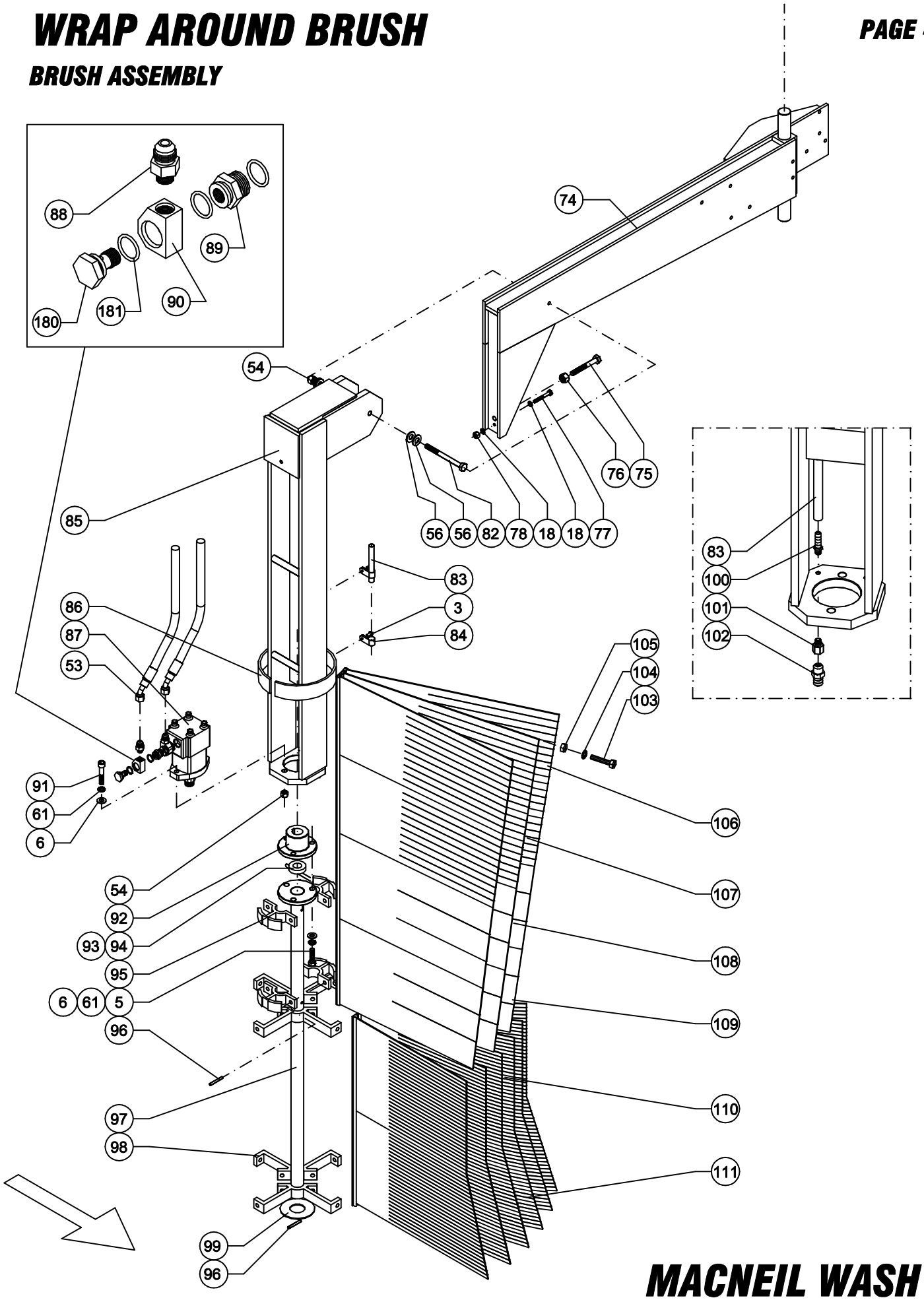


RS-600
WRAP AROUND BRUSH

APR. 2003

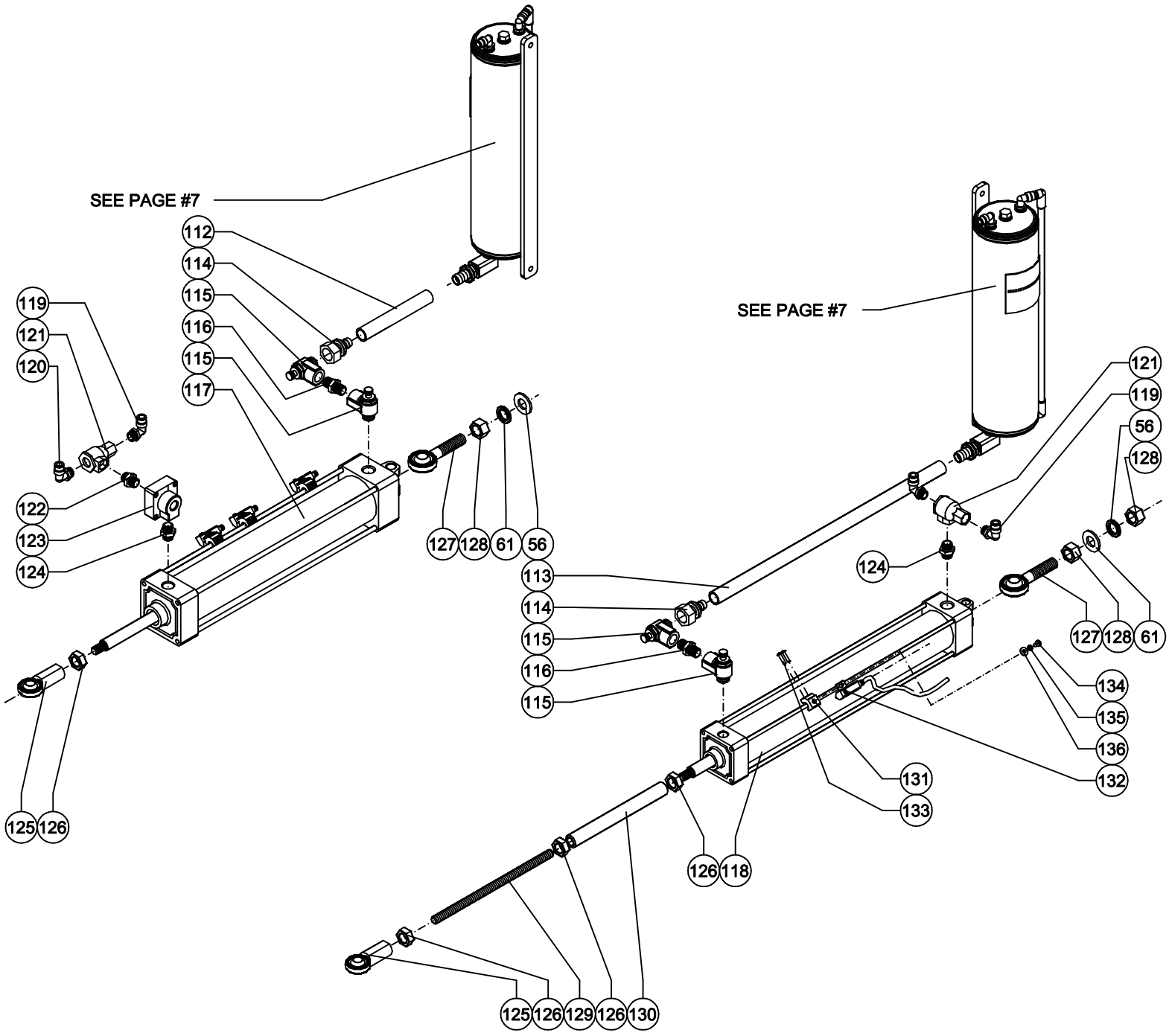
PAGE #5

BRUSH ASSEMBLY



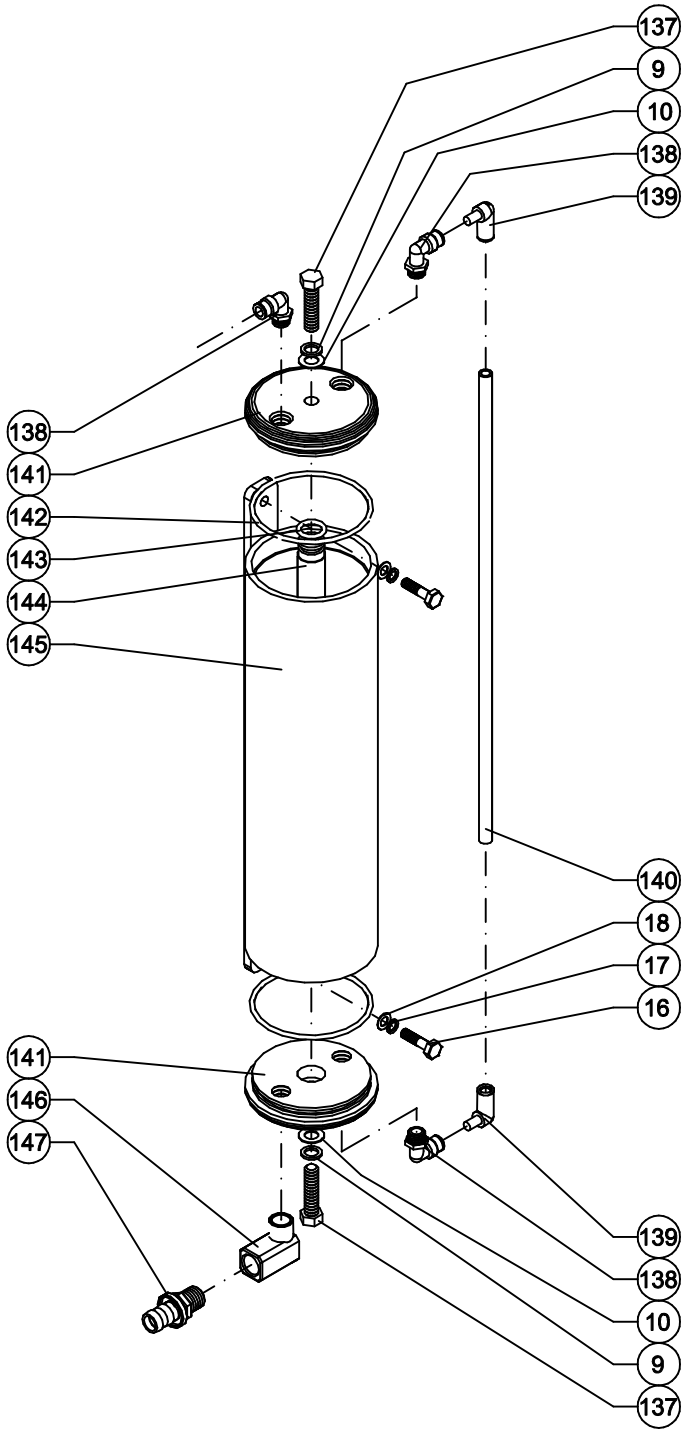
MACNEIL WASH SYS.

RS-600
WRAP AROUND BRUSH
CYLINDERS-RESERVOIRS ASSEMBLY



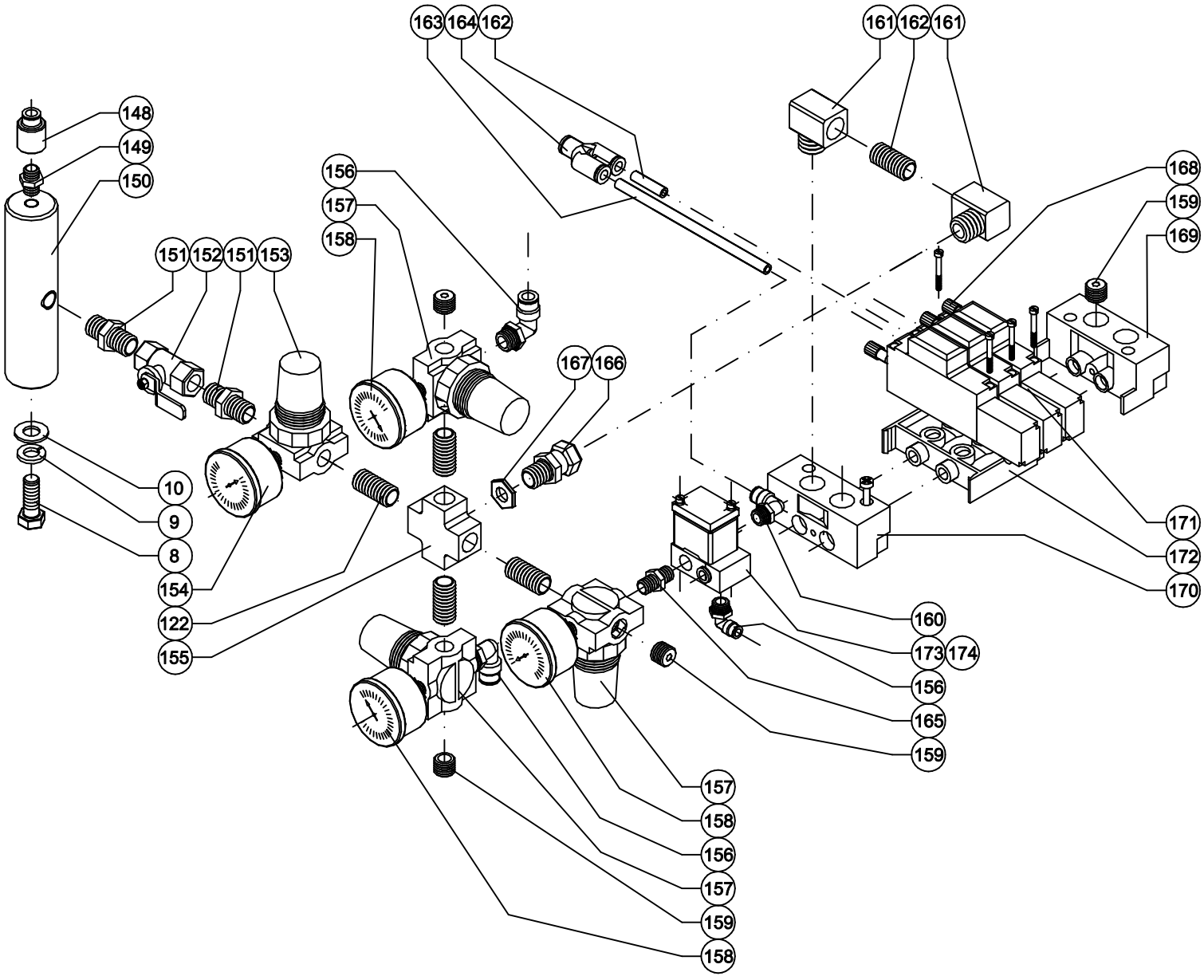
RS-600
WRAP AROUND BRUSH

OIL RESERVOIR ASSEMBLY
P.N. FOR D/S: 54-865-00-MP
P.N. FOR P/S: 54-875-00-MP



RS-600
WRAP AROUND BRUSH

AIR CONTROL UNIT
P.N. FOR D/S: 54-990-00-MP
P.N. FOR P/S: 54-991-00-MP



Item no.	Req'd	Description	Part no.	Remarks
1a	1	Post D/S	54-200-00-SG	
1b	1	Post P/S	54-210-00-SG	
2	8	Cradle mount	70-150-01-PP	
3	12	#10-24x1/2" PAN HD PHL S.S.	83-510-008-SNC	
4	8	Poly Bumper	40-370-00-PP	
5	14	HHCS 1/2-13X1 1/4" S.S.	82-508-020-SIC	
6	36	1/2 Flat Washer S.S. SAE	80-208-000-SI	
7	4	Oil Reservoir Mounting Plate	54-866-00-BK	
8	12	HHCS 3/8-16X1" S.S.	82-506-016-SIC	
9	48	3/8 Lock Washer S.S.	80-906-000-SI	
10	56	3/8 Flat Washer S.S.	80-106-000-SI	
11	4	1/8Dia. Pop Rivet	87-002-000-ZI	
12	1	Serial ID Tag	36-900-00-PP	
13	4	1/8 X 1/2 Spring Pin S.S.	86-202-008-SI	
14a	1	Cover Plate D/S	54-201-00-PP	
14b	1	Cover Plate P/S	54-211-00-PP	
15	2	1-3/4" MacNeil Decal	36-000-00-PP	
16	12	HHCS 1/4-20X1" S.S.	82-504-016-SIC	
17	16	1/4 Lock Washer S.S.	80-904-000-SI	
18	16	1/4 Flat Washer S.S.	80-104-000-SI	
19	2	Din Rail	54-670-00-MP	
20	2	Din Rail End Stop	70-600-00-PP	
21	4	#8-32x1/4" PAN HD PHL S.S.	83-508-004-SNC	
22	2	Programmable Controller	54-750-01-MP	
23	2	Junction Box	54-665-01-MP	
24	2	Din Rail Grounding Post	70-605-00-PP	
25	18	Strain Relief	44-584-08-PP	
26	12	Hex Nut 3/4-10	84-012-000-SIC	
27	12	3/4 Thrust washer S.S.	80-612-000-SI	
28	2	Adjuster Foot Base 5-1/4" S.S.	10-003-00-MP	
29	4	Adjuster Foot Base 4-1/2" S.S.	10-005-00-MP	
30	2	3/4 NPT-3/4 Hose Barb Adapter	10-100-04-PP	
31	2	3/4 FNPT Tee SCH80 PVC	90-231-08-PP	
32	2	3/4 NPT-3/4GHT Adapter	52-524-00-PP	
33	4	Gareden hose Washer	90-202-00-PP	
34	2	Manifold Pipe Ass'y 71"	42-651-00-MP	
35	4	Spray nozzle Tip (TP8010)	10-250-02-PP	
36	4	Nozzle Body Ass'y	10-200-00-MP	
37	4	Nozzle Body Ass'y 1/4 NPT	10-201-00-MP	
38	4	Spray nozzle Tip 1/4 NPT (10E40)	10-250-03-PP	
39	8	SHCS 1/4-20X1-3/4" S.S.	82-704-028-SIC	
40	8	1/4(Small OD) Flat Washer S.S.	80-304-000-SI	
41	8	#10-24X5/8" PAN HD PHL S.S.	83-510-010-SNC	
42	2	3/4" GHT Plug	90-063-00-PP	
43	2	3/4-3/8 Reducing Bushing	90-217-00-PP	
44	2	3/8 NPT-1/2 TBE Swivel Elbow	90-223-08-PP	
45	4	3/4 Single Hose Block Set	90-153-00-PP	
46	8	1/2Dia. Spacer X 5/8" NY.	89-008-010-NI	
47	4	HHCS 1/4-20X2" S.S.	82-504-032-SIC	
48	2	Pressure Relief Valve	95-144-01-PP	
49	2	Pressure Relief Valve Support	54-980-00-SG	
50	2	HYD Returning Flow Warning Decal	36-011-00-PP	
51	2	HYD Pressure Flow Warning Decal	36-010-00-PP	
52	4	1/2" JIC Tee Fitting	95-020-00-PP	
53	4	HYD Hose Ass'y 174" lg	95-600-00-MP	
54	10	1/2-13 Nylock Nut	85-008-000-SIC	
55	4	HHCS 1/2-13X2-1/2" S.S.	82-508-040-SIC	

Item no.	Req'd	Description	Part no.	Remarks
56	24	1/2 Flat Washer S.S.	80-108-000-SI	
57	4	HHCS 7/16-20X2" S.S.	82-507-032-SIF	
58	4	7/16 lock Washer S.S.	80-907-000-SI	
59	4	7/16 Flat Washer S.S.	80-107-000-SI	
60	24	HHCS 1/2-13X 1-1/2" S.S.	82-508-024-SIC	
61	36	1/2 Lock Washer S.S.	80-908-000-SI	
62	4	1-5/16 Four Bolt Bearing S.S.	90-190-01-PP	
63	4	1-1/2 two bolt Bearing S.S.	90-190-00-PP	
64a	1	Main Arm D/S	54-310-00-SG	
64b	1	Main Arm P/S	54-320-00-SG	
65	10	HHCS 5/16-18X2-1/4" S.S.	82-505-036-SIC	
66	10	Double Cushion hose Block	90-154-00-PP	
67	10	Double Cushion hose Block Top Plate	90-154-01-PP	
68	8	12" Hydraulic support Bracket	54-970-00-SG	
69	38	HHCS 3/8-16X1-1/4" S.S.	82-506-020-SIC	
70	2	45 Deg. Bumper Mount	54-800-00-SG	
71	2	52-1/2 Deg. Bumper Mount	54-850-00-SG	
72	4	HHCS 3/8-16X4" S.S.	82-506-064-SIC	
73	4	Rod Eye Support	54-910-00-SG	
74a	1	Secondary Arm D/S	54-410-00-SG	
74b	1	Secondary Arm P/S	54-420-00-SG	
75	2	HHCS 1/2-13X4" Full Thread Pl	82-608-064-SIC	
76	2	1/2-13 Nut S.S.	84-008-000-SIC	
77	2	HHCS 1/4-20X3" S.S.	82-504-048-SIC	
78	2	1/4-20 Nylock Nut S.S.	85-004-000-SIC	
79	2	Secondary Arm Shaft	54-400-00-MP	
80	2	Square Rod Eye Support	54-920-00-SG	
81	4	3/8-16 Nylock Nut S.S.	85-006-000-SIC	
82	2	HHCS 1/2-13X5-1/2" S.S.	82-508-088-SIC	
83	2	Core feed Tube	10-950-01-MP	
84	6	1/2" Clamp Tube	90-256-00-PP	
85a	1	Vertical Arm D/S	54-500-00-SG	
85b	1	Vertical Arm P/S	54-510-00-SG	
86	2	Halo S/G	54-650-00-SG	
87a	2	Hydraulic Motor	95-100-03-YL	for RS600 with Cloth
87b	2	Hydraulic Motor	95-100-08-BL	for RS600 2nd Envsft
88	4	SAE O-Ring to 37 deg flare 202702-6-8s	95-306-08-PP	
89	4	Hydraulic Banjo Bushing	95-256-30-PP	
90	4	Hydraulic Banjo Block	95-256-20-PP	
91	4	SHCS 1/2-13X2-1/2" S.S.	82-708-040-SIC	
92	2	Large Motor Hub	41-702-00-ZN	
93	2	Motor Nut	****	**supplied with hyd motor**
94	2	1/8X1/2 Cotter Pin Bare	86-002-024-BI	
95	4	Brush Core Hub 8" dia.	20-018-00-PP	
96	10	1/4"X1/2" Spring Pin S.S.	86-204-032-SI	
97	2	42-3/4" Brush Shaft	54-600-00-ZN	
98	4	Brush Core Hub 12" dia.	20-012-00-PP	
99	2	1-1/2 Flat Washer Pl	80-024-000-ZI	
100	2	3/8 Hose-1/8 MPT Coupler	90-033-00-PP	
101	2	1/4FPT-1/8MPT Coupler	90-031-00-PP	
102	2	Nozzle Tip	10-260-00-PP	
103	12	HHCS 5/16-18X3/4" S.S.	82-505-012-SIC	
104	12	5/16 Flat Washer S.S.	80-105-000-SI	
105	12	5/16-18 Nylock Nut S.S.	85-005-000-SIC	

Item no.	Req'd	Description	Part no.	Remarks
106	24	H/H Brush Upper Cloth Panel	20-390-56-	specify the colour
107	24	H/H Brush Middle Upper Cloth Panel	20-370-56-	specify the colour
108	24	H/H Brush Middle Lower Cloth Panel	20-330-56-	specify the colour
109	24	H/H Brush Lower Cloth Panel	20-310-56-	specify the colour
110	88	Bottom Brush Upper Cloth Panel	20-290-56-	specify the colour
111	88	Bottom Brush Tapered Lower Cloth Panel	20-210-56-	specify the Colour
112	2	1/2" Hyd. Hose 7.5" lg	90-301-00-MP	
113	2	1/2" Hyd. Hose 31.5" lg	90-302-00-MP	
114	4	3/8FPT-1/2 Hose Barb Fitting	90-214-08-PP	
115	8	3/8 Flow Control Valve	90-140-02-PP	
116	8	3/8 Hex Brass Nipple	90-212-04-PP	
117	2	Air Cylinder 2.5" dia. X 12" Stroke	90-100-04-PP	
118	2	Air Cylinder 2" dia. X 14" Stroke	90-100-03-PP	
119	6	1/4NPT-5/32TBE Swivel Elbow	90-223-04-PP	
120	2	1/4NPT-1/4TBE Swivel Elbow	90-223-06-PP	
121	4	1/4 Quick Exhaust Valve	90-142-03-PP	
122	12	1/4NPT Brass Close Nipple	44-561-17-PP	
123	2	1/4 Quick Exhaust Valve	90-143-01-PP	
124	4	3/8NPT-1/4 Reducing Nipple	90-212-05-PP	
125	4	7/16" Female Rod End	90-151-04-PP	
126	8	7/16-20 Jam Nut S.S.	84-107-000-SIF	
127	4	1/2" Male Rod End	90-151-03-PP	
128	6	1/2-20 Nut S.S.	84-008-000-SIF	
129	2	Cylinder Extension Rod	54-700-00-MP	
130	2	Cylinder Extension	54-701-00-MP	
131	8	Switch Mounting Bracket	90-150-02-PP	
132	8	Reed Switch	90-150-00-PP	
133	16	#8-32X1/2" Set Screw S.S.	83-708-008-SNC	
134	8	M4X8mm Machine Screw S.S.	83-504-008-SMC	
135	8	4mm Lock Washer S.S.	80-904-000-SM	
136	8	4mm Flat Washer S.S.	80-104-000-SM	
137	8	HHCS 3/8-16X1-1/2" S.S.	82-606-024-SIC	
138	12	3/8NPT-1/4TBE Swivel Elbow	90-224-00-PP	
139	8	1/4TBE-PLJ Socket Fitting Elbow	90-222-00-PP	
140	4	Air Tube1/4", 14.5" lg	33-361-20-4CL	
141	8	Oil Reservoir End Cap	56-730-02-BK	
142	8	O'ring 3" dia.	90-450-02-PP	
143	8	O'ring 9/16" dia.	90-450-01-PP	
144	4	Oil Reservoir Shaft Long	54-862-00-MP	
145	4	Long Oil Reservoir Tube Weldment	54-861-00-BK	
146	4	3/8 Street Elbow	90-214-06-PP	
147	4	3/8 MPT-1/2 Hose Barb	90-220-00-PP	
148	2	1/4 NPT-1/4 TBE Fitting	90-235-05-PP	
149	2	1/4 Hex Nipple Long	90-213-02-PP	
150	2	Pneumatic Mount	54-740-00-BK	
151	4	1/4 NPT Brass Hex Nipple	90-212-02-PP	
152	2	Shut-off Valve	90-146-01-PP	
153	2	Air Regulator	90-110-03-PP	
154	2	Air Gauge 0-160 psi	90-160-00-PP	
155	2	Five Port Pipe Fitting	54-742-00-MP	
156	6	1/8 NPT-5/32 TBE Swivel Elbow	90-223-03-PP	
157	6	Air Regulator 0-60 psi	90-110-01-PP	
158	6	Air Gauge 0-60 psi	90-060-00-PP	
159	8	1/4 NPT Counter-Sunk Plug	90-052-04-PP	
160	2	1/8NPT-1/4TBE Swivel Elbow	90-223-02-P	

Item no.	Req'd	Description	Part no.	Remarks
161	4	1/4 Street Elbow	90-212-06-PP	
162	2	1/4 Blue Nylon Tube 1-5/8" lg	33-361-20-4BU	
163	2	1/4 blue Nylon Tube 4-7/8" lg	33-361-20-4BU	
164	2	1/4 Tube "Y" Fitting	90-253-04-PP	
165	2	1/8 NPT Hex Nipple	90-212-00-PP	
166	2	Hydraulic Fitting Adapter	95-125-01-PP	
167	2	Panel Nut 7/16-20 Pl	85-407-000-ZIF	
168	6	1/4 Tube Plug	90-053-00-PP	
169	2	Burket LH Input Module	54-743-01-PP	
170	2	Burket RH Output Module	54-743-02-PP	
171	6	Four way 1/4 Solenoid Valve 24V	54-743-03-PP	
172	2	Three Position Bracket	54-743-05-PP	
173	2	Air Logic Unit	90-145-01-PP	
174	2	Air Logic Base	90-145-02-MP	
175	***	Oil Reservoir Assembly D/S	54-865-00-MP	
176	***	Oil Reservoir Assembly P/S	54-875-00-MP	
177	***	RS-600 Air Control Unit D/S	54-990-00-MP	
178	***	RS-600 Air Control Unit P/S	54-991-00-MP	
179	***	Anchor Bolt 5/8-11X5"lg PL	82-210-080-ZIC	
180	4	Hydraulic Banjo Bolt	95-256-10-PP	
181	12	O-Ring 568-910	90-450-06-PP	