

SDI Parts Catalog

- SDI Sprayers
- SDI Booms
- SDI Controls
- SDI Accessories



Manufacturer of Quality Power Sprayers
P O Box 3107 • Visalia, CA. 93278-3107
Tel: (559) SDI-5555 • Fax: (559) SDI-5591
email: sales@sprayingdevices.com
www.sprayingdevices.com
Revised 9/19/13

Introduction and Table of Contents

This Parts Catalog is organized to make parts easier to find. Use the Table of Contents below to locate the particular item you need.

Aso, each page is identified with a date. When ordering parts, it is helpful if you note the revision date of the page from which you are ordering.

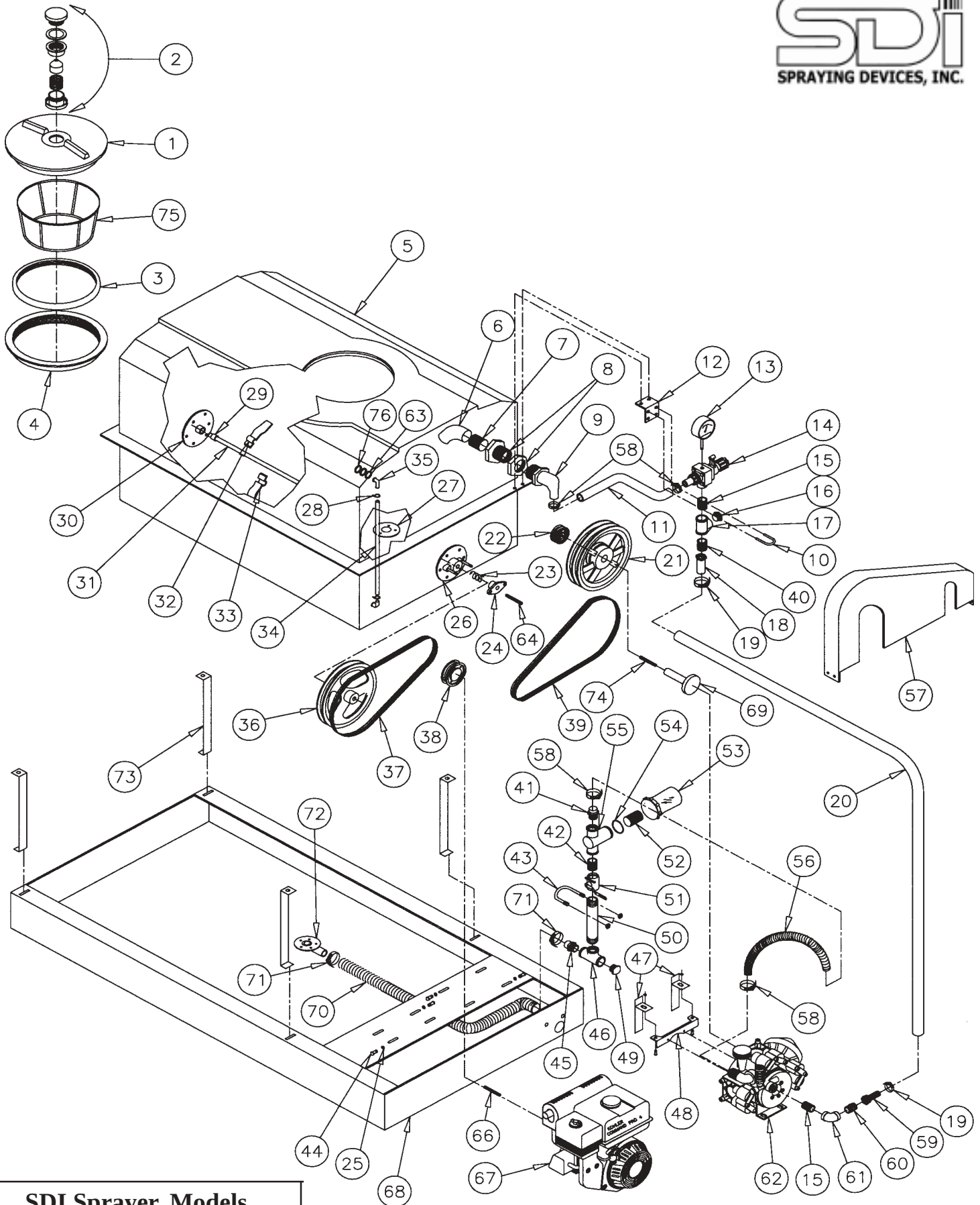
We stock most items in this catalog and can furnish them within 48 hours of your request. Those parts we do not stock are available based on our lead time from our vendor.

For Parts Ordering and/or questions about this catalog, call SDI at (559)734-5555 from 7:30 AM to 4:30 PM Pacific Time. For your convenience, you may fax your parts orders to SDI at 559-734-5591 or email to sales@sprayingdevices.com.

Note: Minimum order amount is \$25.00 and there is a \$10.00 charge for all drop ship orders.

Table of Contents

Sprayers - TM100, TM200 and TM300 -----	3
Sprayers - VM100/160 and C100/160-20K6M -----	7
Sprayers - C100/C160-9K6M and C100/C160-14K6M -----	10
Sprayers - C100/C160-11K6M -----	13
Optimum Turf Series Spray Booms -----	16
Convertible Spray Boom -----	27
Economy Spray Booms -----	35
Windbreaker Spray Boom -----	39
Ground Contour Wheel Kits -----	45
Manual Controls -----	59
Pressure Regulating Valve -----	61
SDI Diaphragm Pump Assemblies -----	62
Turf Walker Spray Booms -----	74
Hose Reels -----	88
Miscellaneous -----	91



**SDI Sprayer, Models
TM100 TM200 & TM300**

PI131/301jj

SDI Sprayer Models TM100/TM200 and TM300-TNT Series

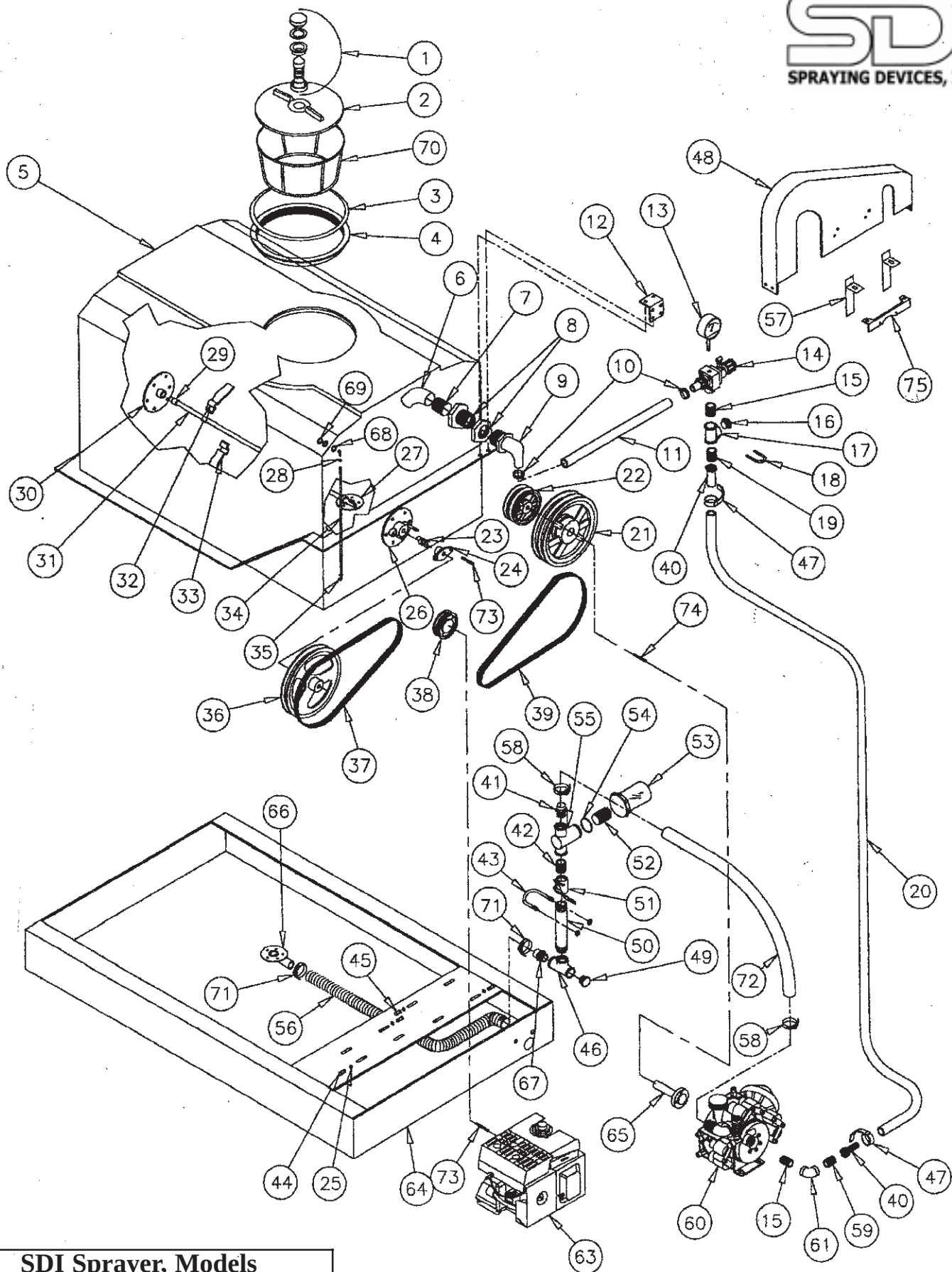
Item Number	Part Number	Description	Qty
	TM100	100 Gallon Sprayer	
	TM200	200 Gallon Sprayer	
	TM300	300 Gallon Sprayer	
1	15-053	16" Threaded Lid	1
2	15-056	Check Valve/Vent Assembly	1
3	15-055	Mounting Gasket	1
4	15-054	16" Threaded Rim	1
5	15-105SG	Tank, TM100	1
5	15-202SG	Tank, TM200	1
5	15-304SG	Tank, TM300	1
6	52-276	Elbow 1" x 45°, PVC	1
7	53-204	Nipple 1 x 4" PVC Cut in Half	1
8	16-117	Fitting 1" DFPT, Poly	1
9	52-120	Elbow Adapter 1 MPT x 3/4" HB	1
10	47-103	U-Bolt 1/4 x 1-1/4 x 2-1/4"	1
11	21-938	Hose 1" ID, 200 PSI, Per Foot	Specify
12	11-146	Relief Valve Bracket	1
13	27-300	Gauge 0-300 PSI	1
14	78-800	Relief Valve	1
15	51-501SS	Nipple 3/4" x Clo, SST	2
16	50-580SS	Plug 3/4", SST	1
17	50-520SS	Tee 3/4", SST	1
18	55-312	Male Hose Coupling 3/4" HB	1
19	24-204	Hose Clamp #J203	2
20	81-750	Hose 3/4", 800 PSI, Per Foot	Specify
21	66-214	Pulley 14" 2 GR 3V 1" Bore	1
22	66-136	Pulley 3.60 x 1" Bore	1
23	16-950	Teflon Packing 1/4", Per Inch	Specify
24	16-141	Packing Nut 5/8" for TM100	1
24	16-273	Packing Nut 13/16" for TM200 and TM300	1
25	11-636	Adjusting Bolt	4
26*	16-140	Packing Gland 5/8" for TM100	1
26*	16-272	Packing Gland 13/16" for TM200 and TM300	1
27	11-101	Vortex Plate	1
28	24-104	Hose Clamp #4	2
29	16-281	Shaft Collar 5/8" for TM100	2
29	16-282	Shaft Collar 13/16" for TM200 and TM300	2
30*	16-250	Rear Bearing 5/8" for TM100	1
30*	16-270	Rear Bearing 13/16" for TM200 and TM300	1
31	16-134	Agitator Shaft 5/8 x 38" for TM100	1
31	16-252	Agitator Shaft 13/16 x 46-1/2" for TM200	1
31	16-352	Agitator Shaft 13/16 x 54-1/2" for TM300	1
32	16-265	Right Agitator Paddle 5/8" for TM100	2
32	16-260	Left Agitator Paddle 13/16" for TM200 and TM300	2

SDI Sprayer Models TM100/TM200 and TM300-TNT Series

Item Number	Part Number	Description	Qty
33	16-264	Left Agitator Paddle 5/8" for TM100	2
33	16-261	Right Agitator Paddle 13/16" for TM200	2
33	16-261	Right Agitator Paddle 13/16" for TM300	4
34	16-922	Clear Tubing 3/8" Per Inch	Specify
35*	16-100	Elbow Fitting 3/8"	2
36	66-113	Pulley 5/8 x 9" with 66-074 Bushing for TM100	1
36	66-110	Pulley 13/16 x 10" for TM200 and TM300	1
37	67-350	Belt 5L350 for TM100	1
37	67-380	Belt 5L380 for TM200 and TM300	1
38	66-227	Pulley 2.65 2GR 3V 3/4" Bore	1
39	67-560	Belt 3VX560	2
40	55-108	Adapter 3/4 MPT x 3/4" FGHT, Brass	1
41	53-437	Adapter 1-1/4 MPT x 1-1/4" HB	1
42	51-701SS	Nipple 1-1/4" NPT, SST	1
43	47-205	U-Bolt 5/16 x 1-3/4 x 2-11/16"	1
44	45-230	Set Screw 1/2 NC x 2-1/2" Square Head	4
45	53-438	Adapter 1-1/4 MPT x 1-1/2" HB	1
46	50-720SS	Tee 1-1/4" FPT, SST	1
47	11-319	Belt Guard Bracket Flange	2
48	11-318	Belt Guard Bracket	1
49	50-780SS	Plug 1-1/4" , SST	1
50	51-703SS	Nipple 1-1/4 NPT x 3" , SST	1
51	60-326	Ball Valve 1-1/4"	1
	57-120	Suction Strainer Assembly <i>Includes Items 52 thru 55:</i>	
52	57-123	20 Mesh Screen	1
53	57-117S	Poly Bowl	1
54	57-116	Gasket	1
55	57-121	Body 1-1/4" NPT	1
56	21-932	Suction Hose 1-1/4" ID, Per Foot	Specify
57	15-123	Belt Guard	1
58	24-120	Hose Clamp #20	2
59	55-311	Female Hose Coupling 3/4" HB	1
60	55-106	Adapter 3/4 MPT x 3/4" MGHT, Brass	1
61	50-511SS	Elbow 3/4" FPT x 90°, SST	1
62	78-0020	Diaphragm Pump 20 GPM	1
63	55-050	Rubber Washer	4
64	46-032	Key 3/16 x 3/16 x 1-1/3" for TM100	1
64	46-150	Key 1/4 x 1/4 x 1-1/2" for TM200 and TM300	1
66	46-032	Key 3/16 x 3/16 x 1-1/2"	1
67	20-107	Kohler Engine	1
68	10-114	TM100 Frame	1
68	10-206	TM200 Frame	1
68	10-311	TM300 Frame	1

SDI Sprayer Models TM100/TM200 and TM300-TNT Series

Item Number	Part Number	Description	Qty
69	63-310	Extension Shaft	1
70	21-933	Suction Hose 1-1/2", Per Foot	Specify
71	24-124	Hose Clamp #24	2
72*	17-131	Suction Flange 1-1/2" HB	1
73	10-103	TM100 Tank Straps	4
73	10-203	TM200 Tank Straps	4
73	10-303	TM300 Tank Straps	4
74	46-250	Key 1/4 x 2-1/2"	1
75	16-203	Strainer Basket	1
76	55-052	Nyon Washer	2
		<i>Items 18, 19, 20 and 59 must be assembled at SDI as one unit.</i>	
		The following items are not illustrated:	
	*58-930	Sealer, Per Inch (For mounting Items 26, 30, 35 and 72).	Specify
	70-106	SDI Logo Decal	2
	70-110	SDI Logo Decal	2
	70-301	Caution Decal	1
	70-217	TM100 Tank Sight Gauge Decal	1
	70-218	TM100 Bottom Tank Sight Gauge Decal	1
	70-219	TM200 Top Tank Sight Gauge Decal	1
	70-220	TM200 Bottom Tank Sight Gauge Decal	1
	70-221	TM300 Top Tank Sight Gauge Decal	1
	70-222	TM300 Bottom Tank Sight Gauge Decal	1



**SDI Sprayer, Models
VM100/VM160 and
C100/ C160-20K6M**

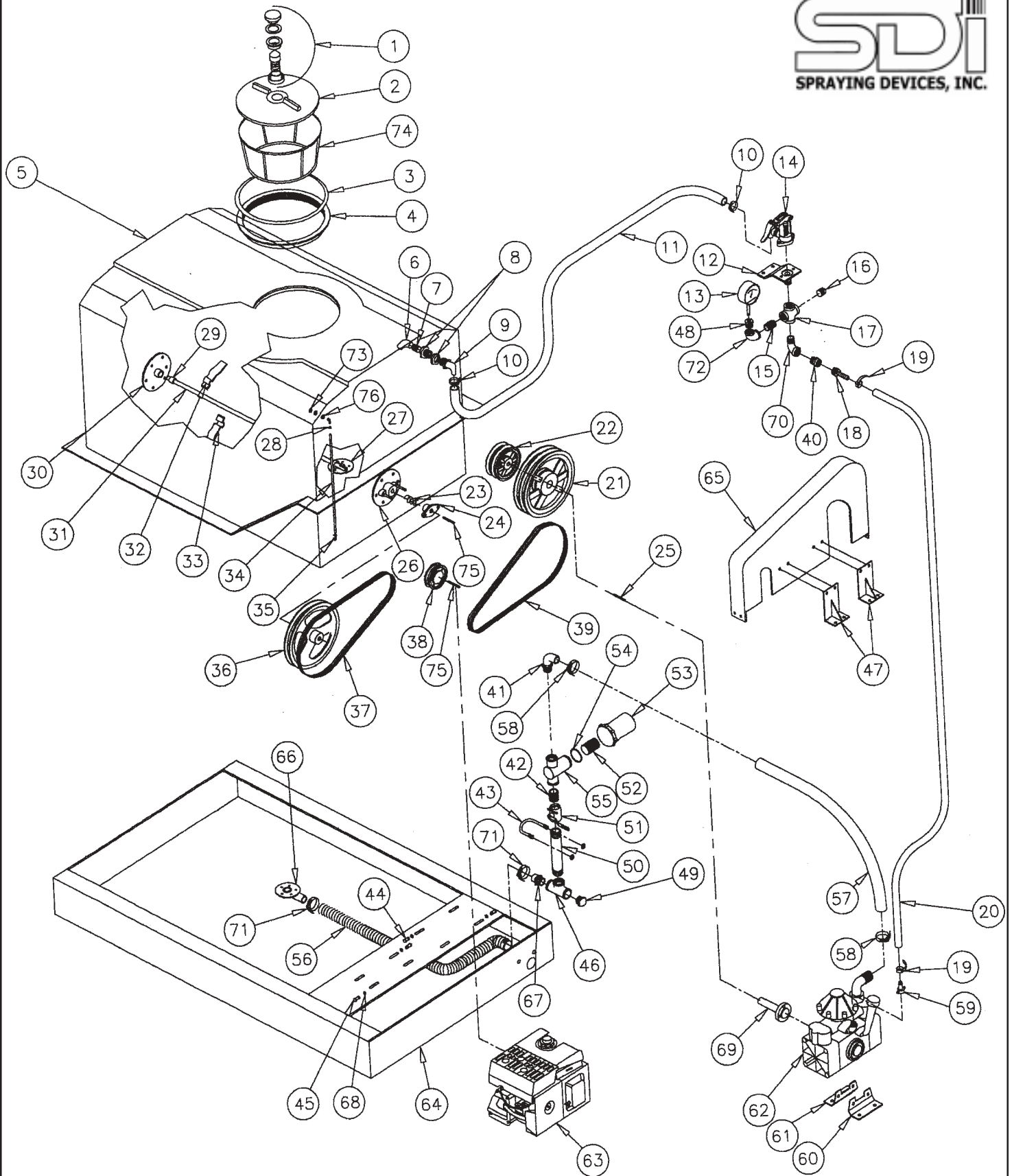
PI208/0211jj

SDI Sprayer Models VM100/VM160 & C100/C160-20K6M

Item Number	Part Number	Description	Qty
1	15-056	Vent Assembly 16" Lid	1
2	15-053	Threaded Lid Only 16"	1
3	15-055	C-Gasket for 16" Threaded Lid	1
4	15-054	Threaded Rim for 16" Lid	1
5	15-103SG	VM100 and C100 Tank	1
5	15-160SG	VM160 and C160 Tank	1
6	52-277	Elbow 1" x 45° PVC	1
7	53-207	Nipple 1" Close PVC	1
8	16-117	Tank Fitting 1" DT	1
9	52-120	Elbow Adapter 1 MPT x 1" HB	1
10	24-116	Hose Clamp #16	2
11	21-938	Hose 1" ID, Per Foot	Specify
12	11-144	Relief Valve Bracket	1
13	27-100	Gauge 0-100 PSI	1
14	78-800	Relief Valve	1
15	51-501SS	Close Nipple 3/4" SST	2
16	50-580SS	Plug 3/4" SST	1
17	50-520SS	Tee 3/4" SST	1
18	47-103	U-Bolt	1
19	55-108	Adapter 3/4 MPT x 3/4" FHGT	1
20	81-750	Hose 3/4" ID, 800 PSI, Per Foot	Specify
21	66-214	Pulley 14"	1
22	66-136	Pulley	1
23	16-950	Teflon Packing 1/4" ID, Per Inch	Specify
24	16-141	Packing Nut 5/8"	1
25	11-636	Adjusting Nut 1/2"	4
26	16-140	Packing Gland 5/8"	1
27	11-101	Vortex Plate	1
28	24-104	Hose Clamp #4	2
29	16-282	Shaft Collar 5/8"	2
30	16-250	Rear Bearing 5/8"	1
31	16-134	Agitator Shaft 5/8 x 38"	1
32	16-265	Right Agitator Paddle	2
33	16-264	Left Agitator Paddle	2
34	16-922	Clear Tubing 3/8" ID, Per Inch	Specify
35	16-100	Elbow Fitting 3/8"	2
36	66-111	Pulley 9 x 5/8" Bore	1
37	67-350	Belt 5L350	1
38	66-226	Pulley 2.65 2GR 3V 1" Bore	1
39	67-560	VM100, VM160 and C100 Belt 3VX560	2
39	67-600	C160 Belt 3VX600	2
40	55-211	Female Hose Coupling 1/2" HB	1
41	53-437	Adapter 1-1/4 MPT x 1-1/4" HB Poly	1

SDI Sprayer Models VM100/VM160 & C100/C160-20K6M

Item Number	Part Number	Description	Qty
42	51-701SS	Close Nipple 1-1/4" SST	1
43	47-105	U-Bolt 1/4 x 1-1/2 z 2-3/4"	1
44	45-231	Adjusting Screw 1/2 x 2-1/2"	2
45	45-230	Adjusting Screw 1/2 x 2"	2
46	50-720SS	Tee 1-1/4" SST	1
47	24-203	Hose Clamp Bandit JS203	2
48	15-315	Belt Guard	1
49	50-780SS	Plug 1-1/4" SST	1
50	51-703SS	Nipple 1-1/4 x 3" SST	1
51	60-326	Ball Valve 1-1/4"	1
52	57-123	20 Mesh Screen	1
53	57-117S	Solid Bowl for Strainer	1
54	57-116	Gasket for Strainer	1
55	57-121	Head, Body for 57-120 Poly	1
56	21-933	Suction Hose 1-1/2" ID, Per Foot	Specify
57	11-319	Belt Guard Bracket	2
58	24-120	Hose Clamp #20	2
59	55-106	Adapter 3/4 MPT x 3/4" MGHT	1
60	78-0020	Diaphragm Pump, 20 GPM	1
61	51-510SS	Street Elbow 3/4" x 90° SST	1
63	20-107	Engine Recoil Start 6 HP Kohler	1
64	10-167	Frame	1
65	63-310	Pump Shaft	1
66	17-131	Suction Flange 1-1/2"	1
67	53-438	Adapter 1-1/4 MPT x 1-1/2" HB	1
68	55-050	Rubber Washer	4
69	55-052	Nylon Washer	2
70	16-203	Strainer Basket	1
71	24-124	Hose Clamp #24	2
72	21-932	Suction Hose 1-1/4" ID, Per Foot	Specify
73	46-032	Key 3/16 x 3/16 x 1"	2
74	46-250	Key 1/4 x 1/4 x 2-1/2"	1
75	11-318	Belt Guard Flange	1
<i>The following items are not illustrated:</i>			
	70-106	SDI Logo Decal	2
	70-229	VM100 and C100 Sight Gauge Decal	1
	70-230	VM160 and C160 Sight Gauge Decal	1
	70-301	Caution Decal	1



**SDI Sprayer, Models C100/
C160-9K6M and 14K6M**

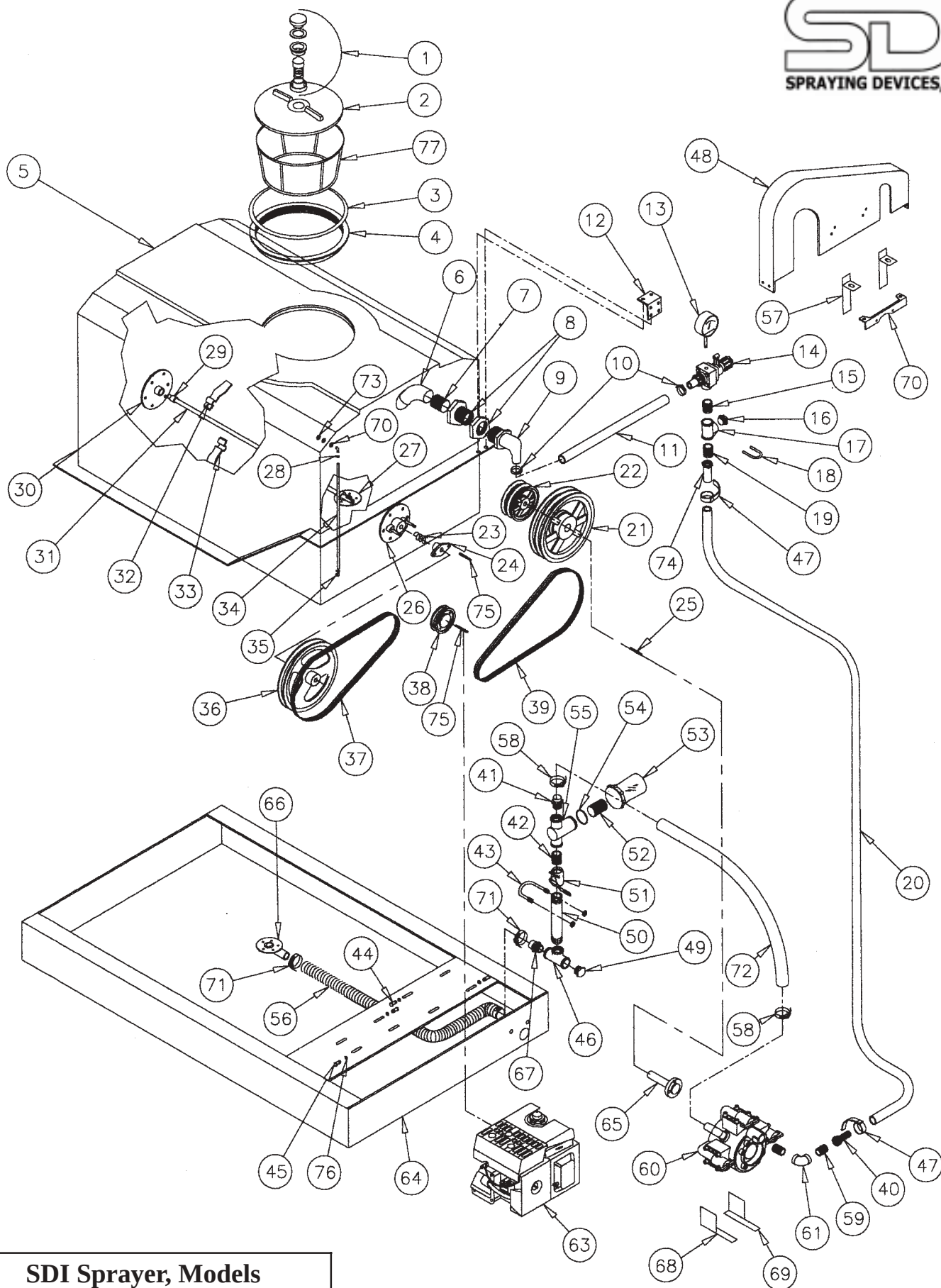
PI206/301jj

SDI Sprayer Models C100/C160-9K6M and 14K6M

Item Number	Part Number	Description	Qty
1	15-056	Vent Assembly	1
2	15-053	Threaded 16" Lid Only	1
3	15-055	C-Gasket	1
4	15-054	16" Threaded Rim	1
5	15-103SG	100 Gallon Tank	1
5	15-160SG	160 Gallon Tank	1
6	52-276	Elbow 1" x 45° PVC	1
7	53-204	Nipple 1 x 4" PVC Cut in Half	1
8	16-117	Tank Fitting 1" DT	1
9	52-120	Elbow Adapter 1 MPT x 1" HB	1
10	24-116	Hose Clamp #16	1
11	21-938	Hose 1" ID, Per Foot	Specify
12	11-147	Relief Valve Mounting Bracket	1
13	27-600	Pressure Gauge 0-600 PSI	1
14	9910-1923	Relief Valve	1
15	51-501SS	Close Nipple 3/4" SST	1
16	50-580SS	Pipe Plug 3/4" SST	1
17	50-540SS	Cross 3/4" SST	1
18	55-212	Male Hose Coupling 1/2" HB	1
19	24-204	Hose Clamp Bandit JS204	2
20	81-500	Hose 1/2" ID, 800 PSI, Per Foot	Specify
21	66-214	Pulley 14 2 GR 3V 1" Bore	1
22	66-136	Pulley 3.60 x 1" Bore	1
23	16-950	Teflon Packing 1/4" Per Inch	Specify
24	16-141	Packing Nut 5/8" Nylon	1
25	46-250	Key 1/4 x 1/4 x 2-1/2"	1
26	16-140	Packing Gland 5/8" Nylon	1
27	11-101	Vortex Plate	1
28	24-104	Hose Clamp #4	2
29	16-281	Shaft Collar 5/8" SST	2
30	16-250	Rear Bearing 5/8" Nylon	1
31	16-134	Agitator Shaft 5/8 x 38"	1
32	16-265	Right Agitator Paddle	2
33	16-264	Left Agitator Paddle	2
34	16-922	Clear Tubing 3/8" ID Per Inch	Specify
35	16-100	Elbow Fitting 3/8"	2
36	66-109	Pulley 9 x 5/8" Bore	1
37	67-350	Belt 5L350	1
38	66-227	Pulley 2.65 2GR 3V 1" Bore	1
39	67-560	Belt 3VX560	2
40	55-108	Adapter 3/4 MPT x 3/4" FGHT	1
41	52-120	Elbow Adapter 1 MPT x 1" HB/C100 and C160-9K6M	1
41	52-122	Elbow Adapter 1 MPT x 1-1/4" HB/C100 and C160-14K6M	1
42	51-601SS	Close Nipple 1" SST	1

SDI Sprayer Models C100/C160-9K6M and 14K6M

Item Number	Part Number	Description	Qty
43	47-105	U-Bolt 1/4 x 1-1/2 x 2-3/4"	1
44	45-230	Adjusting Bolt 1/2 x 2"	2
45	45-231	Adjusting Bolt 1/2 x 2-1/2"	2
46	50-620SS	Tee 1" SST	1
47	11-670	Belt Guard Bracket	2
48	50-560B	Bushing 3/4 x 1/4" Brass	1
49	50-680SS	Plug 1" SST	1
50	51-603SS	Pipe Nipple 1 x 3" SST	1
51	60-325	Ball Valve 1"	1
52	57-119	20 Mesh Screen	1
53	57-117S	Solid Bowl	1
54	57-116	Gasket for Strainer	1
55	57-115	Head for Strainer	1
56	21-932	Suction Hose 1-1/4" ID, Per Foot	Specify
57	21-931	Suction Hose 1" ID, Per Foot for C100 & C160-9K6M	Specify
57	21-932	Suction Hose 1-1/4" ID Per Ft. for C100 & C160-14K6M	Specify
58	24-116	Hose Clamp #16 for C100 & C160-9K6M	2
58	24-120	Hose Clamp #20 for C100 & C160-14K6M	2
59	9910-110130	Hose Barb 1/2"	1
60	11-185	Front Pump Mount for C100 & C160-9K6M	1
60	11-242	Front Pump Mount for C100 & C160-14K6M	1
61	11-186	Rear Pump Mount for C100 & C160-9K6M	1
61	11-243	Rear Pump Mount for C100 & C160-14K6M	1
62	9910-D30	Pump for C100 & C160-9K6M	1
62	9910-D50	Pump for C100 & C160-14K6M	1
63	20-107	6 HP Kohler Engine	1
64	10-167	Frame	1
65	15-123	Belt Guard	1
66	17-132	Suction Flange	1
67	53-436	Adapter 1 MPT x 1-1/4" HB	1
68	11-636	Adjusting Nut 1/2"	4
69	63-310	Pump Shaft	1
70	50-510SS	Street Elbow 3/4" SST	1
71	24-120	Hose Clamp #20	2
72	50-511SS	Elbow 3/4" SST	1
73	55-052	Nylon Washer 3/4"	2
74	16-203	Strainer Basket	1
75	46-032	Key 3/16 x 3/16 x 1-1/2"	2
76	55-050	Rubber Washer 3/4"	4



**SDI Sprayer, Models
C100 and C160-11K6M**

PI207/301jj

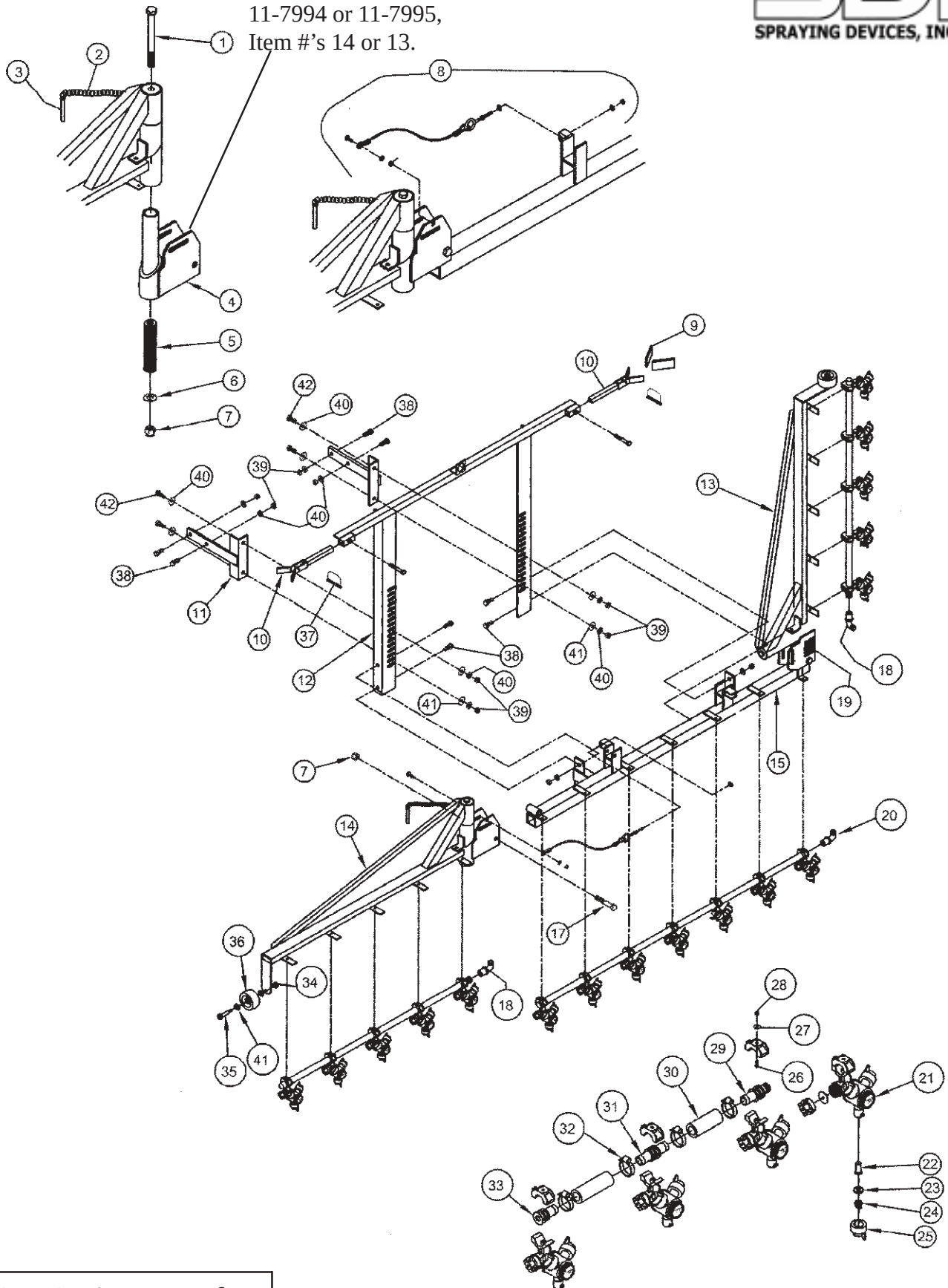
SDI Sprayer Models C100 and C160-11K6M

Item Number	Part Number	Description	Qty
1	15-056	16" Lid Vent Assembly	1
2	15-053	Threaded 16" Lid Only	1
3	15-055	C-Gasket for Thraded 16" Lid	1
4	15-054	16" Threaded Rim	1
5	15-103SG	100 Gallon Tank	1
5	15-160SG	160 Gallon Tank	1
6	52-276	Elbow 1" x 45° PVC	1
7	53-204	Nipple 1 x 4" PVC Cut in Half	1
8	16-117	Tank Fitting 1" DT	1
9	52-120	Elbow Adapter 1 MPT x 1" HB	1
10	24-116	Hose Clamp #16	2
11	21-938	Hose 1" ID, Per Foot	Specify
12	11-144	Relief Valve Bracket	1
13	27-600	Gauge, 0-600 PSI	1
14	78-800	Relief Valve	1
15	51-501SS	Close Nipple 3/4" SST	1
16	50-580SS	Plug 3/4" SST	1
17	50-520SS	Tee 3/4" SST	1
18	47-103	U-Bolt	1
19	55-108	Adapter 3/4 MPT x 3/4" FGHT	1
20	81-750	Hose 3/4" ID, 800 PSI Per Foot	Specify
21	66-214	Pulley 14" 2GR 3V x 1" Bore	1
22	66-136	Pulley 3.60" x 1" Bore	1
23	16-950	Teflon Packing 1/4" ID, Per Inch	Specify
24	16-141	Packing Nut 5/8"	1
25	46-250	Key 1/4 x 1/4 x 2-1/2"	1
26	16-140	Packing Gland 5/8"	1
27	11-101	Vortex Plate	1
28	24-104	Hose Clamp #4	2
29	16-281	Shaft Collar 5/8"	2
30	16-250	Rear Bearing 5/8"	1
31	16-134	Agitator Shaft 5/8 x 38"	1
32	16-265	Right Agitator Paddle	2
33	16-264	Left Agitator Paddle	2
34	16-922	Clear Tubing 3/8" Per Inch	Specify
35	16-100	Elbow Fitting 3/8"	2
36	66-109	Pulley 9 x 5/8" Bore	1
37	67-350	Belt 5L350	1
38	66-227	Pulley 2.65 2GR 3V 3/4" Bore	1
39	67-560	Belt 3VX560	2
40	55-311	Female Hose Coupling 3/4" HB	1
41	53-435	Adapter 1 MPT x 1" HB Poly	1
42	51-601SS	Nipple 1" Close SST	1

SDI Sprayer Models C100 and C160-11K6M

Item Number	Part Number	Description	Qty
43	47-105	U-Bolt 1/4 x 1-1/2 x 2-3/4"	1
44	45-230	Adjusting Screw 1/2 x 2"	2
45	45-231	Adjusting Screw 1/2 x 2-1/2" NC	2
46	50-620SS	Tee 1" SST	1
47	24-203	Hose Clamp Bandit JS203	2
48	15-123	Belt Guard	1
49	50-580SS	Plug 1" SST	1
50	51-603SS	Nipple 1 x 3" SST	1
51	60-325	Ball Valve 1"	1
52	57-119	20 Mesh Screen	1
53	57-117S	Solid Bowl for Strainer	1
54	57-116	Gasket for Strainer	1
55	57-115	Body for 57-120 Poly	1
56	21-932	Suction Hose 1-1/4" ID, Per Foot	Specify
57	11-319	Belt Guard Bracket	2
58	24-116	Hose Clamp #16	2
59	55-106	Adapter 3/4 MPT x 3/4" MGHT	1
60	78-00111	Diaphragm Pump 11 GPM	1
61	51-511SS	Elbow 3/4" x 90° SST	1
63	20-107	6 HP Kohler Engine	1
64	10-167	Frame	1
65	63-310	Pump Shaft	1
66	17-132	Suction Flange 1-1/4"	1
67	53-436	Adapter 1 MPT x 1-1/4" HB	1
68	11-253	Right Pump Mount	1
69	11-252	Left Pump Mount	1
70	55-050	Rubber Washer	4
71	24-120	Hose Clamp #20	2
72	21-931	Suction Hose 1" ID, Per Foot	Specify
73	55-052	Nylon Washer	2
74	55-312	Male Hose Coupling 3/4" HB	1
75	46-032	Key 3/16 x 3/16 x 1-1/2"	1
76	11-636	Adjusting Nut 1/2"	4
77	16-203	Strainer Basket	1
<i>The following items are not illustrated:</i>			
	70-106	SDI Logo Decal	2
	77-229	C100 Gallon Sight Gauge Decal	1
	77-230	C160 Gallon Sight Gauge Decal	1
	70-301	Caution Decal	

Note: Item #4, 11-314,
is included if ordering
11-7994 or 11-7995,
Item #'s 14 or 13.



**SDI Optimum Turf
Spray Boom**

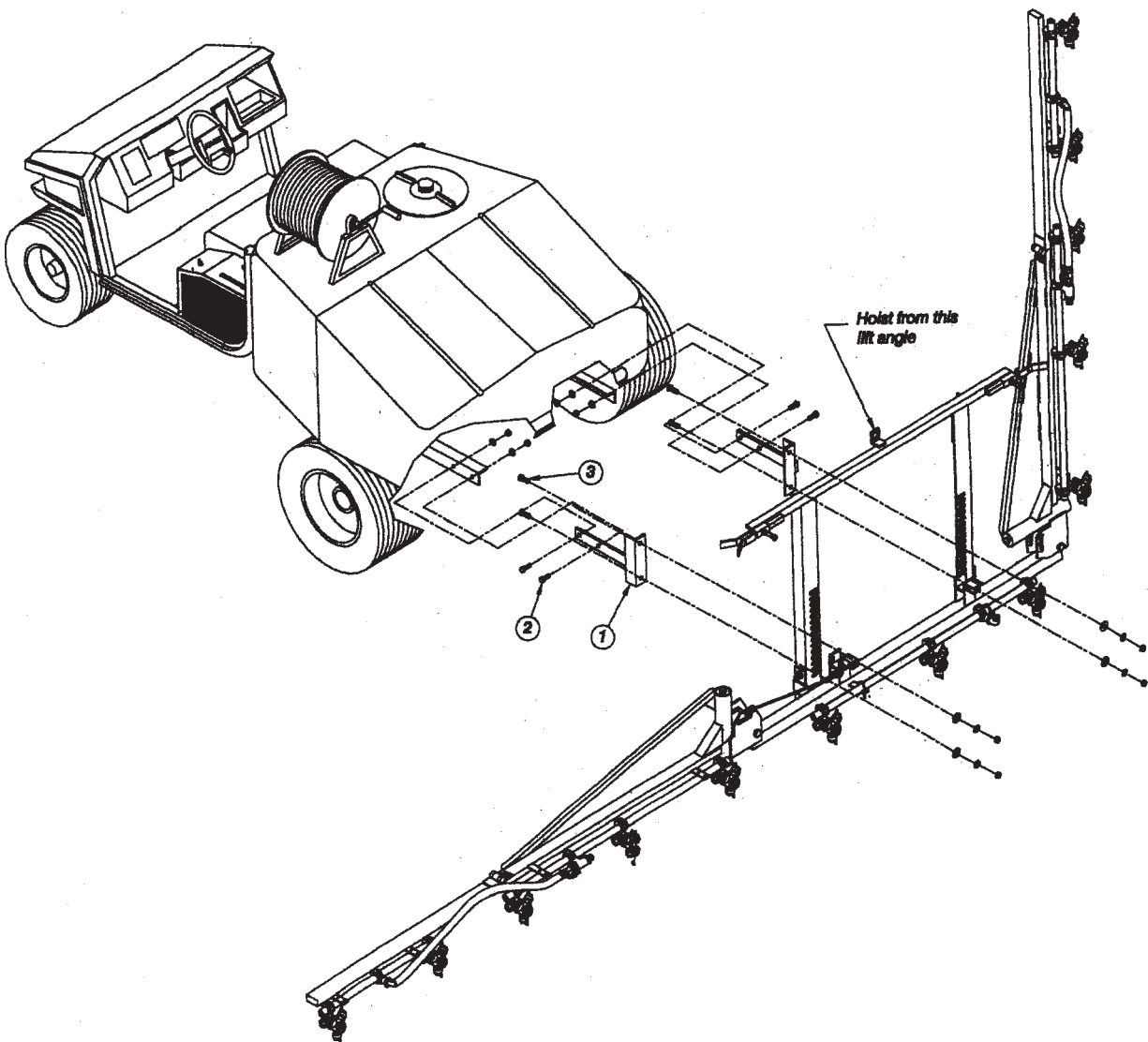
SDI Optimum Turf Spray Boom

Item Number	Part Number	Description	Qty
	OTB215/10-3	Optimum Turf Boom 15' 17 Nozzles 10" Spacing	
1	35-220	Hex Bolt 5/8 x 7" Blk	2
2	69-905	Jack Chain #14, Per Ft.	Specify
3	48-101	Clevis Pin 1/25 x 2"	2
4	11-314	Boom Pivot Assembly (can be ordered separately)	2
5	45-182	Pivot Spring	2
6	42-107	Flat Washer 5/8"	2
7	41-516	Lock Nut 5/8"	4
8	69-301	Swag Cable Assembly	2
9	69-025	Boom Fork Flat Grips	4
10	11-7928	Boom Fork Assembly	2
11	11-768	Boom Mount Boom to Truck	2
12	11-761	Cross Member Upright Assembly	1
13	11-7995	Right Wing Section, Includes 11-314	1
14	11-7994	Left Wing Section, Includes 11-314	1
15	11-7993	Center Section	1
17	35-109	Hex Bolt 5/8 x 3-3/4" Plated	2
18	53-818	Elbow 1/2" FPT x 45° PVC	2
19	70-357	Serial and Model Number Decal	1
20	53-092	Elbow Adapter 1/2 FPT x 3/4" HB Poly	1
21	64-413	Triple Nozzle Body 3/4 W/Check Valve	17
22	64-403	Nylon Strainer Screen	17
23	64-404	Rubber Washer	17
24	64-648	Tip	17
25	64-406	Black Cap	17
26	31-503	Hex Bolt 5/16 x 1" SST	17
27	43-102EX	Lock Washer 5/16" SST External	17
28	41-512	Nylon Lock Nut 5/16" NC	17
29	64-436	Hose Shank 3/4 HB x 1/2 MPT	3
30	21-930	Hose 3/4" ID 200 PSI, Per Foot	Specify
31	64-435	Hose Shank 750 Dbl 3/4 HB x 3/4 HB	11
32	24-112SS	Hose Clamp #12 SST	28
33	64-437	Hose Shank Single 750 3/4 HB x Blank	3
34	41-513	Lock Nut 3/8" SST	2
35	48-049	Shoulder Bolt 1/2 x 2-3/4"	2
36	80-028	Deck Wheel	2
37	48-306	Wire Lock Pin 5/16 x 2-3/4"	2
38	34-104	Hex Bolt 1/2 x 1-1/4"	8
39	41-104	Hex Nut 1/2"	12
40	43-104	Lock Washer 1/2"	12
41	42-104	Flat Washer 1/2"	4
42	34-107	Hex Bolt 1/2 x 2"	4

Mounting Instructions:



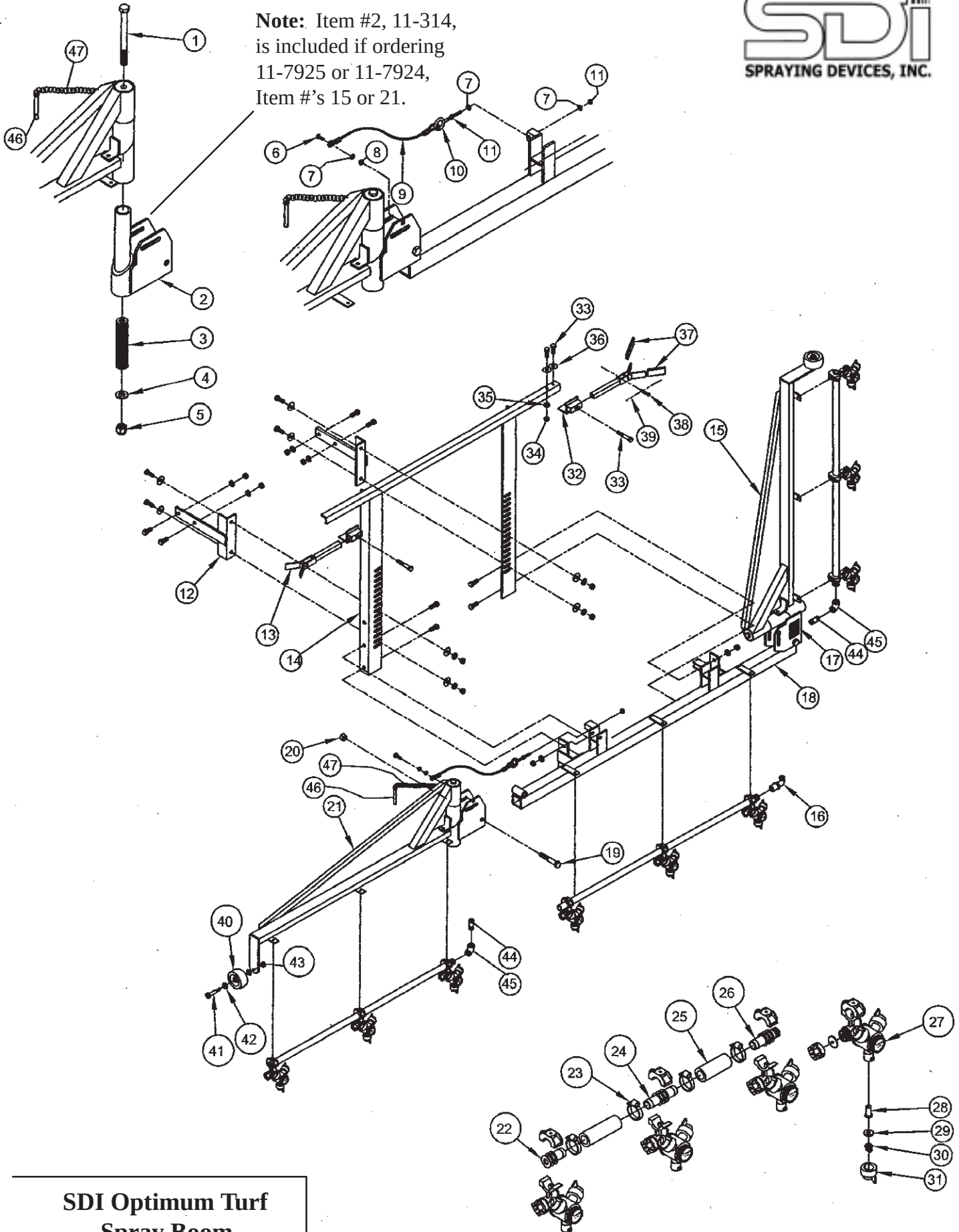
1. Mount Boom Mount Brackets, Item #12, Step 1, to sprayer frame using 34-107 hex bolts 1/2 x 2" Hex Bolts, Step 2, with hex nuts and lock washers. (Boom brackets can be mounted inside or outside of sprayer frame with angle facing in or out, depending upon the model of the sprayer).
2. Using a hoist, lift boom assembly to desired nozzle height. Bolt to closest aligning slots, depending if using single or triple nozzle bodies or if you have a 10" nozzle spacing boom, Step 3, using #34-104 1/2 x 1-1/4" hex bolts with hex nuts, flatwashers and lock washers.



**SDI Optimum Turf
Spray Boom Mounting**

Instr/Rev3/PI264/10/09jj

Note: Item #2, 11-314,
is included if ordering
11-7925 or 11-7924,
Item #'s 15 or 21.



**SDI Optimum Turf
Spray Boom**

PI398/712jjRev1

SDI Optimum Turf Spray Boom

Item Number	Part Number	Description	Qty
	OTB215/20-3	Optimum Turf Boom 15' 9 Nozzles 20" Spacing	
1	35-217	Hex Bolt 5/8 x 7"	2
2	*11-314	Boom Pivot Assembly-can be ordered separately	2
3	45-182	Boom Pivot Spring	2
4	42-105	Flatwasher 5/8"	2
5	41-115	Lock Nut 5/8"	2
6	45-565	Carriage Bolt 3/8 x 1" SST	2
7	42-503	Flatwasher 3/8" SST	6
8	41-513	Lock Nut 3/8" SST	2
9	69-301	Swag Cable Assembly	2
10	69-284	Eye Bolt 3/8 x 5"	2
11	41-503	Hex Nut 3/8" SST	4
12	11-768	Boom to Truck Mount	2
13	11-7928	Boom Arm Rest	2
14	11-761	Upright and Cross Member Assembly	1
15	*11-7925	Left Wing Arm includes 11-314	1
16	53-092	Elbow Adapter 1/2 FPT x 3/4" HB	1
17	70-357	SDI Serial Number Decal	1
18	11-7923	Center Boom Section	1
19	35-109	Hex Bolt 5/8 x 3-3/4"	2
20	41-115	Lock Nut 5/8"	2
21	*11-7924	Right Wing Arm includes 11-314	1
22	64-437	Hose Shank 3/4" HB x Blank	3
23	24-110	Hose Clamp #10	28
24	64-435	Hose Shank 3/4 HB x 3/4" HB	11
25	21-930	Hose 3/4" ID, 200 PSI, Per Foot	Specify
26	64-436	Hose Shank 3/4 HB x 1/2" MPT	2
27	64-413	Triple Nozzle Body	9
28	64-403	50 Mesh Screen	9
29	64-404	Washer	9
30	64-648	Test Tip TP11008VP	9
31	64-406	Black Cap	9
32	11-784	Boom Fork Adjustment Bracket	2
33	31-503	Bolt 5/16 x 1" SST	6
34	41-502	Hex Nut 5/16" SST	4
35	43-502	Lockwasher 5/16" SST	4
36	42-502	Flatwasher 5/16"	4
37	69-025	Boom Fork Flat Grip	2
38	48-306	Wire Lock Pin	2
39	48-301	Hair Pin	2
40	80-028	Deck Wheel	2
41	48-048	Shoulder Bolt 1/2 x 2-1/2"	2
42	42-107	Flatwasher 1/2"	4

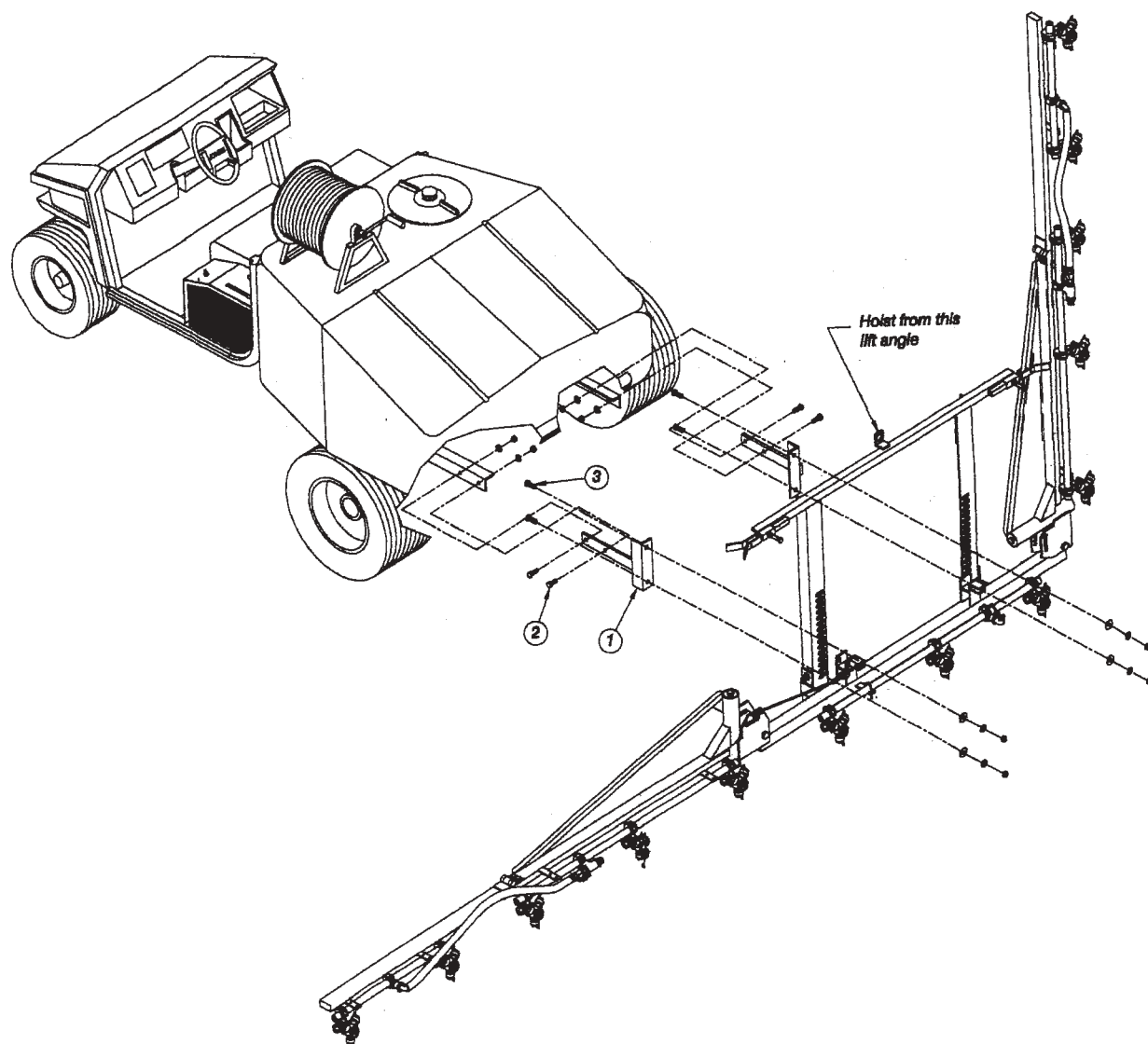
SDI Optimum Turf Spray Boom

Item Number	Part Number	Description	Qty
43	41-513	Lock Nut 3/8" SST	2
44	53-093	Adapter 1/2 MPT x 3/4" HB	2
45	53-919	Elbow 1/2" FPT x 45° Poly	2
46	48-101	Clevis Pin 1/2 x 2 "	2
47	69-905	Single Jack Chain 9"	2

Mounting Instructions:



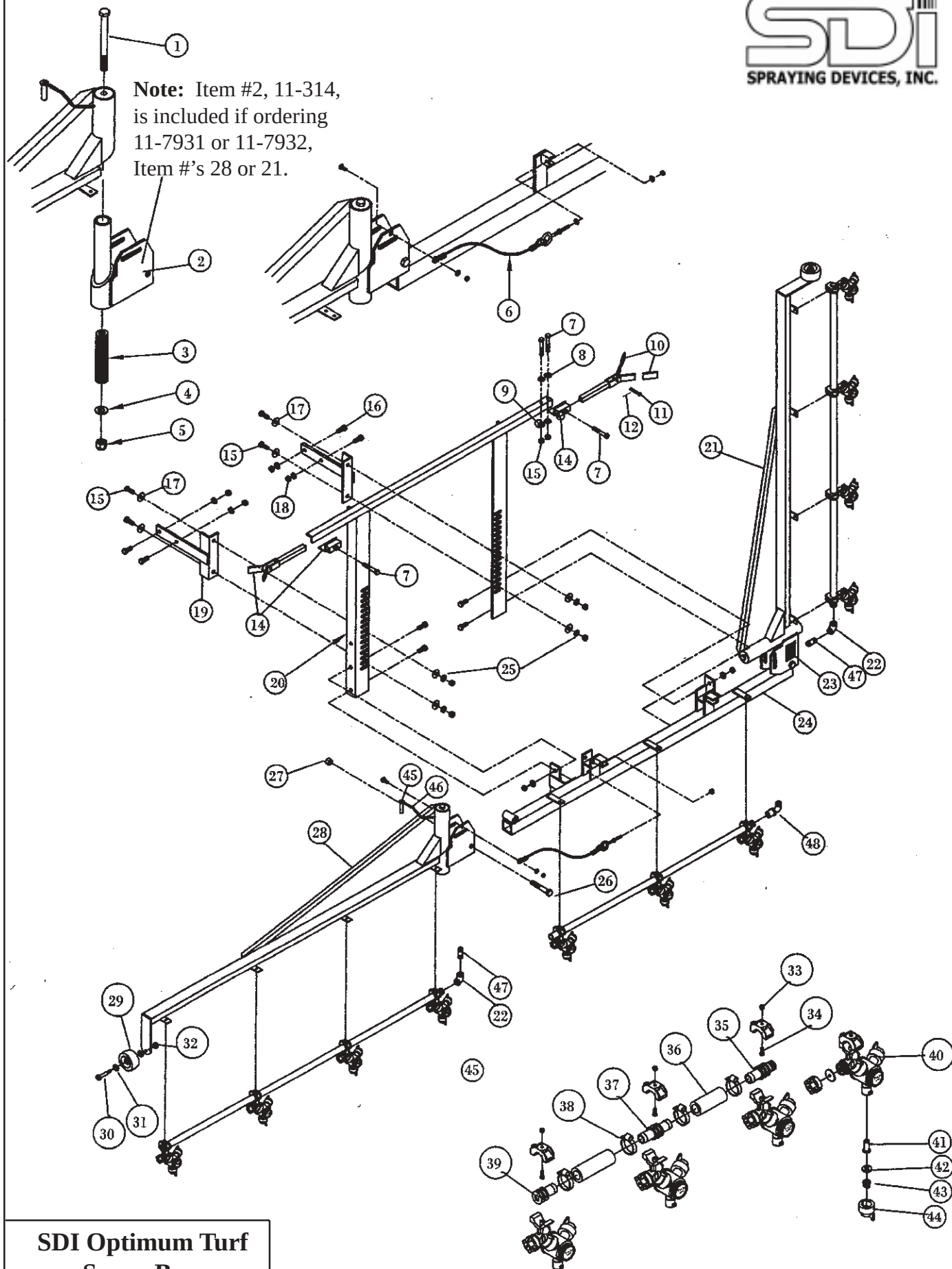
1. Mount Boom Mount Brackets, Item #12, Step 1, to sprayer frame using 34-107 hex bolts 1/2 x 2" Hex Bolts, Step 2, with hex nuts and lock washers. (Boom brackets can be mounted inside or outside of sprayer frame with angle facing in or out, depending upon the model of the sprayer).
2. Using a hoist, lift boom assembly to desired nozzle height. Bolt to closest aligning slots, depending if using single or triple nozzle bodies or if you have a 10" nozzle spacing boom, Step 3, using #34-104 1/2 x 1-1/4" hex bolts with hex nuts, flatwashers and lock washers.



**SDI Optimum Turf
Spray Boom Mounting**

Instr/Rev3/PI264/10/09jj

Note: Item #2, 11-314, is included if ordering 11-7931 or 11-7932, Item #'s 28 or 21.



**SDI Optimum Turf
Spray Boom**

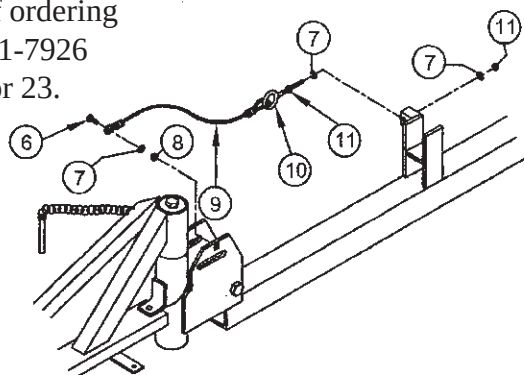
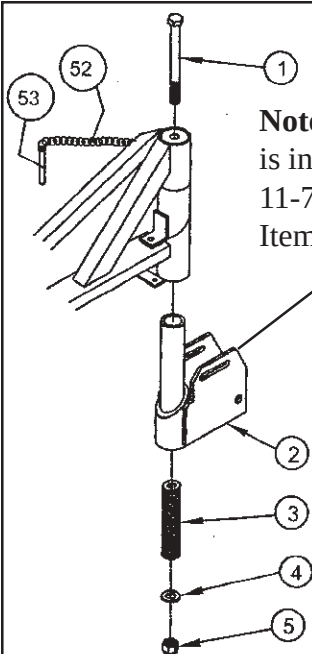
PI400/0312jj

SDI Optimum Turf Spray Boom

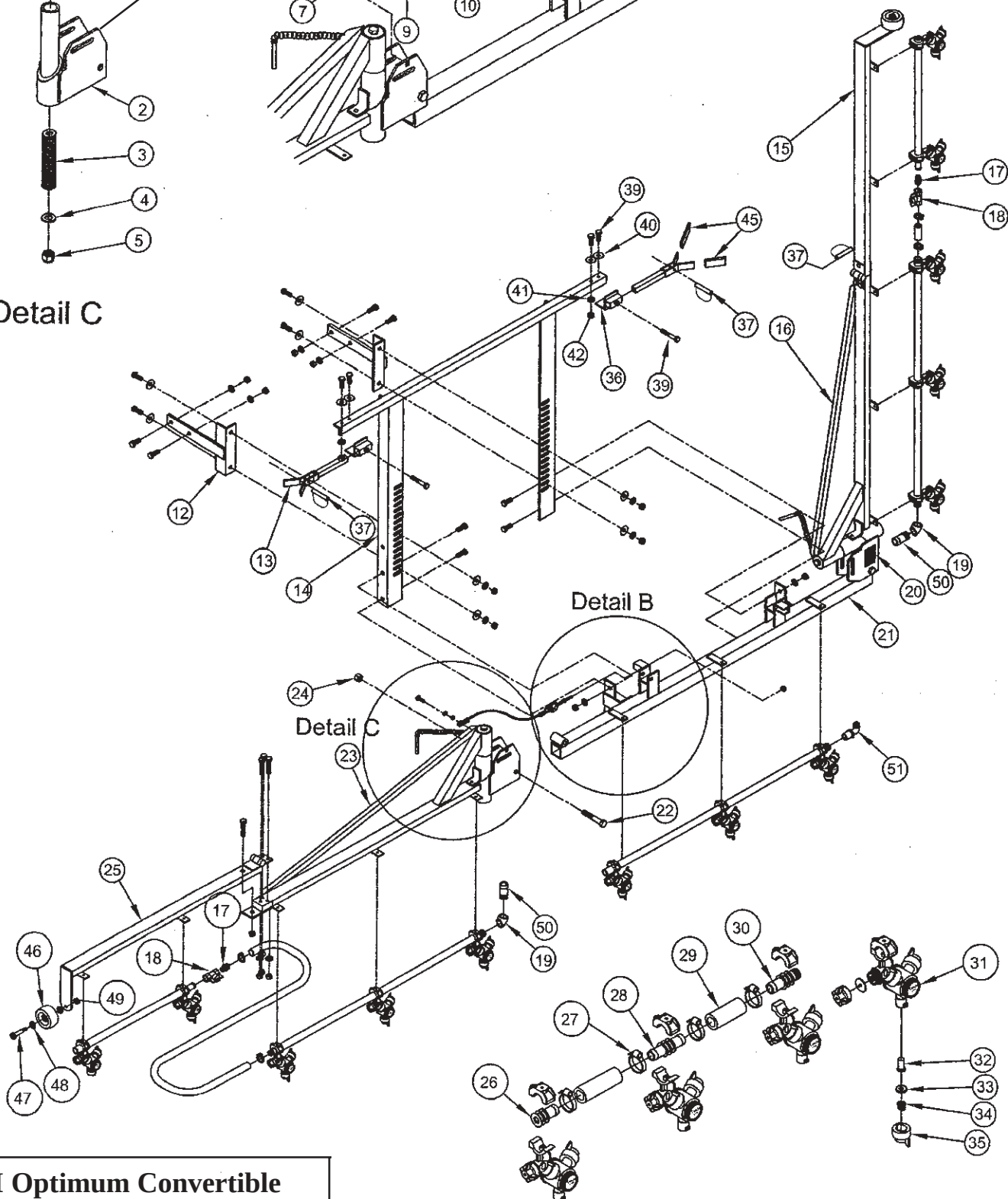
Item Number	Part Number	Description	Qty
	OTB218/20-3	Optimum Turf Boom 18' 11 Nozzles 20" Spacing	
1	35-220	Hex Bolt 5/8 x 7"	2
2	11-314	Bottom Breakaway-can be ordered separately.	2
3	45-182	Spring	2
4	42-106	Flatwasher 5/8"	2
5	41-516	Nylock Nut 5/8" SST	2
6	69-301	Swag Cable Assembly	2
7	31-502	Hex Bolt 5/16 x 3/4" SST	6
8	42-502	Flatwasher 5/16" SST	4
9	43-502	Lockwasher 5/16" SST	4
10	69-205	Boom Fork Grips	4
11	80-105	Clevis Pin Plated 5/16 Dia x 2" Long	2
12	48-301	Hair Pin Plated	2
14	11-781	Boom Fork Assembly	2
15	34-107	Hex Bolt 1/2 x 2"	4
16	34-104	Hex Bolt 1/2 x 1-1/4"	8
17	42-104	Flatwasher 1/2"	4
18	41-104	Hex Nut 1/2"	12
19	11-768	Boom Mount Boom to Truck	2
20	11-761	Cross Member Upright Assembly	1
21	11-7932	Right Wing Section Folding Forward-includes 11-314	1
22	53-818	Elbow 1/2 FPT x 45° Poly	2
23	70-357	Serial Number Decal	1
24	11-792	Center Section	1
25	43-104	Lockwasher 1/2"	12
26	35-109	Hex Bolt 5/8 x 3-3/4"	2
27	41-516	Nylock Nut 5/8" SST	2
28	11-7931	Left Wing Section Folding Forward-includes 11-314	1
29	80-028	Deck Wheel 5 x 2.75 Off Set Hub 1/2" Bore	2
30	48-048	Shoulder Bolt 1/2 x 2-1/2"	2
31	42-104	Flatwasher 1/2"	2
32	41-512	Lock Nut Nylon 5/16" NC SST	11
33	31-505	Hex Nut 5/16 x 1" SST	11
34	31-503	Hex Bolt 5/16 x 1" SST	11
35	64-436	Hose Shank 3/4 HB x 1/2 MPT	3
36	21-930	Hose 3/4" ID 200 PSI, Per Foot	Specify
37	64-435	Hose Shank 750 Dbl 3/4 HB x 3/4 HB	5
38	24-112SS	Hose Clamp #12 SST	16
39	64-437	Hose Shank 500 Dbl 3/4 HB x Blank	3
40	64-413	Triple Nozzle Body 3/4 W/Check Valve	11
41	64-403	Nylon Strainer Screen	11
42	64-404	Rubber Washer	11
43	64-648	Tip TP11008 VP	11
44	64-406	Cap, Black	11
45	69-905	Jack Chain, Per Foot, 10" each	Specify
46	48-101	Clevis Pin 1/2 x 2"	2
47	53-093	Adapter 1/2 MPT x 3/4" HD	2
48	53-092	Elbow Adapter 1/2 FPT x 3/4" HB	1

Detail B

Note: Item #2, 11-314, is included if ordering 11-7927 or 11-7926 Item #'s 16 or 23.



Detail C



SDI Optimum Convertible Spray Boom

PI399/1012jj

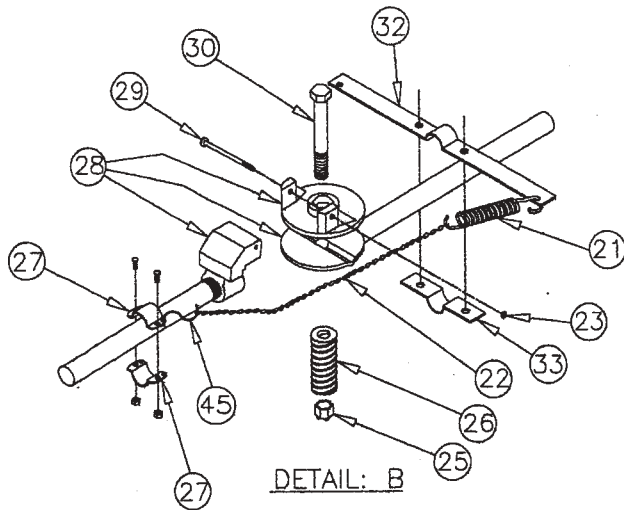
SDI Optimum Convertible Turf Spray Boom

Item Number	Part Number	Description	Qty
	OTB215-21/20-3	Optimum Convertible Turf Spray Boom, 13 Nozzles, 20" Spacing	
1	35-217	Hex Bolt 5/8 x 7"	2
2	*11-314	Boom Pivot Assembly, Can be ordered separately	2
3	45-182	Boom Pivot Spring	2
4	42-105	Flatwasher 5/8"	2
5	41-115	Lock Nut 5/8"	2
6	45-565	Carriage Bolt 3/8 x 1" SST	2
7	42-503	Flatwasher 3/8" SST	6
8	41-513	Lock Nut 3/8" SST	2
9	69-301	Swag Cable Assembly	2
10	69-284	Eye Bolt 3/8 x 5"	2
11	41-503	Hex Nut 3/8" SST	4
12	11-768	Boom Mount to Truck	2
13	11-7928	Boom Fork	2
14	11-761	Upright Assembly Cross Member	1
15	11-796G	Right Outer Wing Section	1
16	*11-7927	Right Inner Wing Section, Includes 11-314	1
17	53-093	Adapter 1/2 MPT x 3/4" HB	2
18	60-223	Ball Valve Butterfly Handle 1/2"	2
19	53-818	Elbow 1/2 FPT x 45° PVC	2
20	70-357	Serial Number Decal	1
21	11-792	Center Section	1
22	35-109	Hex Bolt 5/8 x 3-3/4"	2
23	*11-7926	Left Inner Wing Section, Includes 11-314	1
24	41-115	Lock Nut 5/8"	2
25	11-795G	Left Outer Wing Section	1
26	64-437	Hose Shank 3/4" HB x Blank	3
27	24-110	Hose Clamp #10	20
28	64-435	Hose Shank 3/4 HB x 3/4" HB	5
29	21-930	Hose 3/4" ID 200 PSI, Per Foot	Specify
30	64-436	Hose Shank 3/4 HB x 1/2" MPT	5
31	64-413	Triple Nozzle Body	13
32	64-403	50 Mesh Strainer, Nylon	13
33	64-404	Rubber Washer	13
34	64-648	Test Tip TP11008VP	13
35	64-406	Black Cap	13
36	11-784	Boom Fork Adjusting Bracket	2
37	48-306	Wire Lock Pin	4

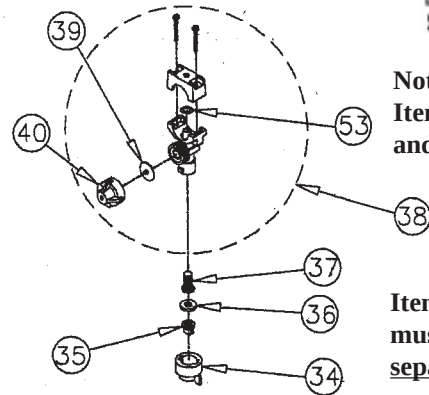
10/24/12

SDI Optimum Convertible Turf Spray Boom

Item Number	Part Number	Description	Qty
39	31-503	Bolt 5/16 x 1"	6
40	42-502	Flatwasher 5/16"	4
41	43-503	Lockwasher 5/16"	4
42	41-502	Hex Nut 5/16"	4
45	69-025	Boom Fork Flat Grip	4
46	80-028	Deck Wheel	2
47	48-048	Shoulder Bolt 1/2 x 2-1/2"	2
48	42-104	Flatwasher	4
49	41-513	Lock Nut 3/8" SST	2
50	53-093	Adapter 1/2 MPT x 3/4" HB	2
51	53-092	Elbow Adapter 1/2 FPT x 3/4" HB	1
52	69-905	Single Jack Chain 9" Each	2
53	48-101	Clevis Pin 1/2 x 2"	2
			10/24/12



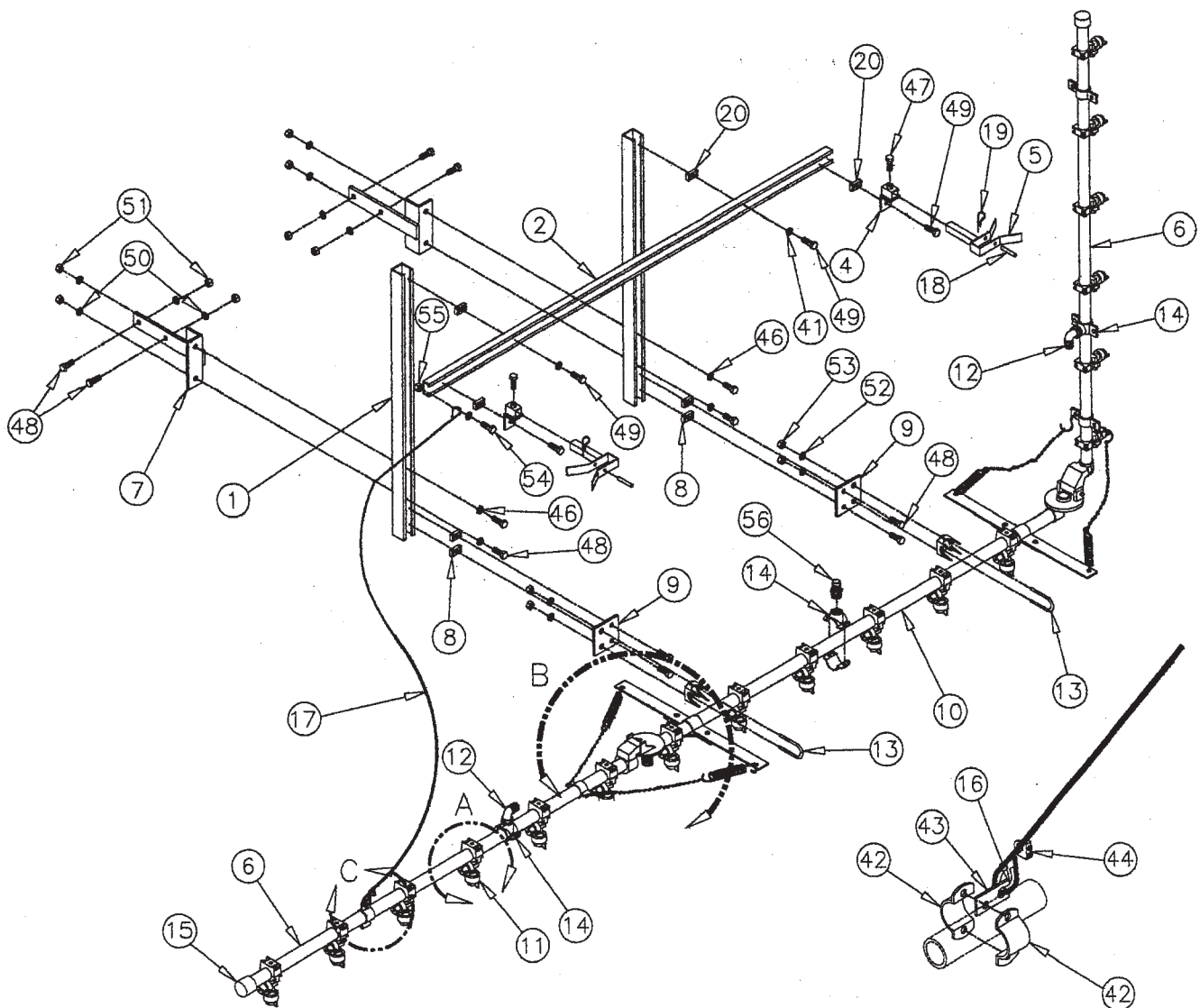
DETAIL: B



DETAIL: A

Note: Item #38 includes
Item Numbers 39, 40
and 53 only

Items 34, 35, 36 and 37
must be ordered
separately.



DETAIL: C

**SDI Economy Wet Spray
Booms Models SB15/20-1,
SB 15/10-1 and SB 20/20-1**

PI137/301jj

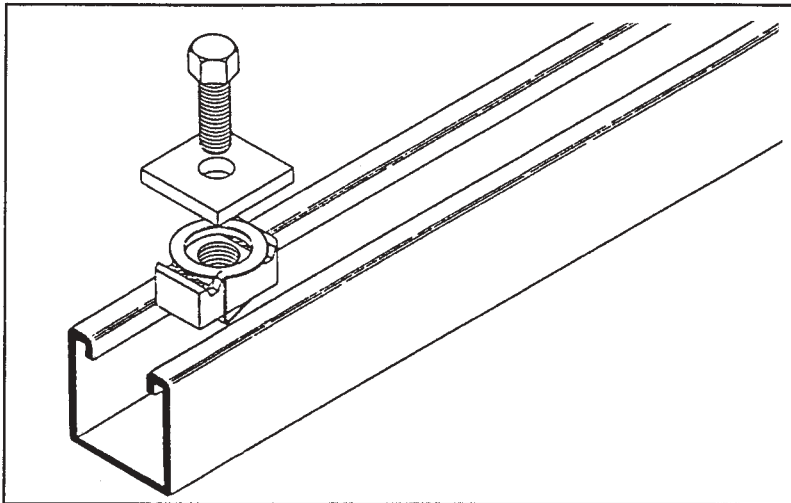
SDI Economy Turf Spray Booms

Item Number	Part Number	Description	Qty
	SB 15/10-1	15' Wet Boom W/18 Nozzles on 10" Centers	
	SB 15/20-1	15' Wet Boom W/9 Nozzles on 20" Centers	
	SB 20/20-1	20' Wet Boom W/12 Nozzles on 20" Centers	
1	11-212	Channel Upright	2
2	11-213-60	Cross Member for SB 15/10-1 and SB 15/20-1	1
2	11-213-72	Cross Member for SB 20/20-1	1
4	11-214	Boom Rest Mount	2
5	11-218-1	Boom Rest	2
6	51-555	Right and/or Left Boom Pipe for SB 15/10-1	2
6	51-556	Right and/or Left Boom Pipe for SB 15/20-1	2
6	51-574	Right and/or Left Boom Pipe for SB 20/20-1	2
7	11-215	Boom Mount	2
8	41-110	Strut Nut 1/2" NC	4
9	11-216	Center Section Mounting Plate	2
10	51-547	Center Boom Pipe for SB 15/10-1	1
10	51-548	Center Boom Pipe for SB 15/20-1	1
10	51-567	Center Boom Pipe for SB 20/20-1	1
11	64-397	Spray Tip Assembly for SB 15/10-1	18
11	64-397	Spray Tip Assembly for SB 15/20-1	9
11	64-397	Spray Tip Assembly for SB 20/20-1	12
12	53-092	Elbow Adapter 1/2 FPT x 3/4" HB Poly	2
13	24-441	Boom Clamp	2
14	52-418	Pipe Saddle 1/2" MPT Poly	3
15	52-582	Threaded Cap	2
16	69-220	Cable Thimble 3/16"	4
17	69-300	Swag Cable Assembly	2
18	80-105	Locking Pin	2
19	48-301	Hair Pin	2
20	41-106	Strut Nut 3/8"	2
21	45-186	Boom Return Spring	4
22	69-910	Chain #40, Per Foot	Specify
23	41-512	Nylon Lock Nut 5/16" NC	2
25	41-125	Castle Nut 5/8" NF	2
26	45-180	Boom Tension Spring	2
27	64-281	Special Clamp Assembly	2
28	11-285	Three Part Hinge Assembly	1
29	31-112	Boom Hinge Bolt 5/16 NC x 3-1/4"	2
30	35-117	Boom Pivot Bolt 5/8 NF x 4-1/2"	2
32	11-168	Top Spring Bracket	2
33	11-169	Bottom Spring Bracket	2
34	64-406	Black Cap for SB 15/10-1	18
34	64-406	Black Cap for SB 15/20-1	9
34	64-406	Black Cap for SB 20/20-1	12

SDI Economy Turf Spray Booms

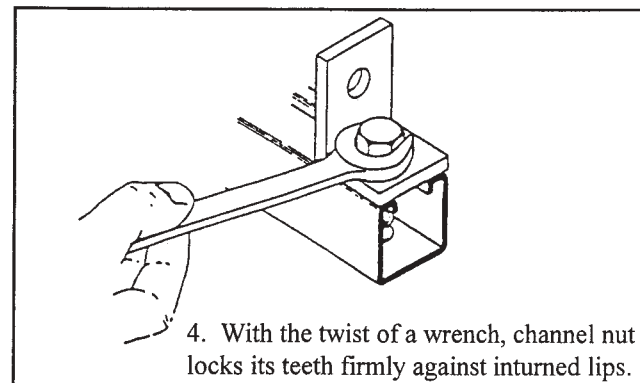
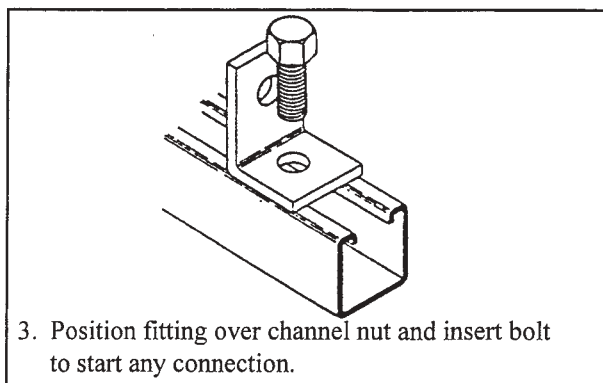
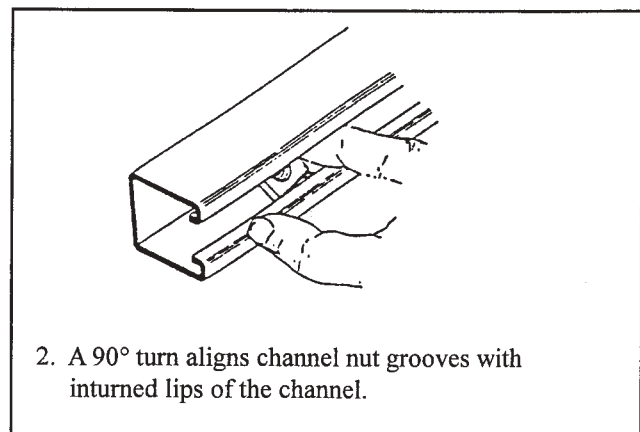
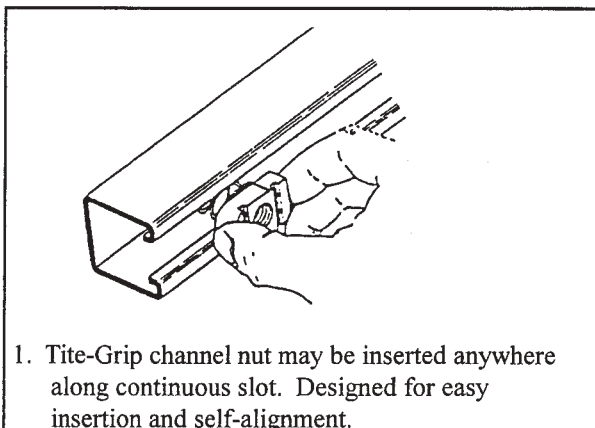
Item Number	Part Number	Description	Qty
35	64-643	Spray Tip TP8003VP for SB 15/20-1	9
35	64-643	Spray Tip TP8003VP for SB 15/10-1	18
35	64-643	Spray Tip TP8003VP for SB 20/20-1	12
36	64-404	Washer for SB 15/20-1	9
36	64-404	Washer for SB 20/20-1	12
36	64-404	Washer for SB 15/10-1	18
37	64-403	Strainer for SB 15/20-1	9
37	64-403	Strainer for SB 20/20-1	12
37	64-403	Strainer for SB 15/10-1	18
38	64-411	Split Eyelet Check Valve for SB 15/20-1	9
38	64-411	Split Eyelet Check Valve for SB 20/20-1	12
38	64-411	Split Eyelet Check Valve for SB 15/10-1	18
39	64-414	Diaphragm for SB 15/20-1	9
39	64-414	Diaphragm for SB 20/20-1	12
39	64-414	Diaphragm for SB 15/10-1	18
40	64-415	Check Valve for SB 15/20-1	9
40	64-415	Check Valve for SB 20/20-1	12
40	64-415	Check Valve for SB 15/10-1	18
41	42-503	Flatwasher 3/8" SST	6
42	64-280	Split Eyelet Clamp	4
43	11-104	Anchor Plate	2
44	24-401	Cable Clamp	2
45	69-238	S-Hook	4
46	42-104	Flatwasher 1/2" SAE Plated	4
47	31-503	Hex Bolt 5/16 NC x 1" SST	4
48	34-104	Hex Bolt 1/2 NC x 1-1/4" Plated	12
49	32-102SS	Hex Bolt 3/8 NC x 3/4" SST	2
50	43-104	Lockwasher 1/2" NC	8
51	41-104	Hex Nut 1/2" NC Plated	8
52	43-105	Lockwasher 5/8" Plated	4
53	64-416	O-ring Nozzle Body for SB 15/20-1	9
53	64-416	O-ring Nozzle Body for SB 20/20-1	12
53	64-416	O-ring Nozzle Body for SB 15/10-1	18
54	32-503	Hex Bolt 3/8 NC x 1" SST	2
55	41-503	Hex Nut 3/8" NC SST	2
56	52-110	Adapter 1/2 FPT x 3/4" HB	1

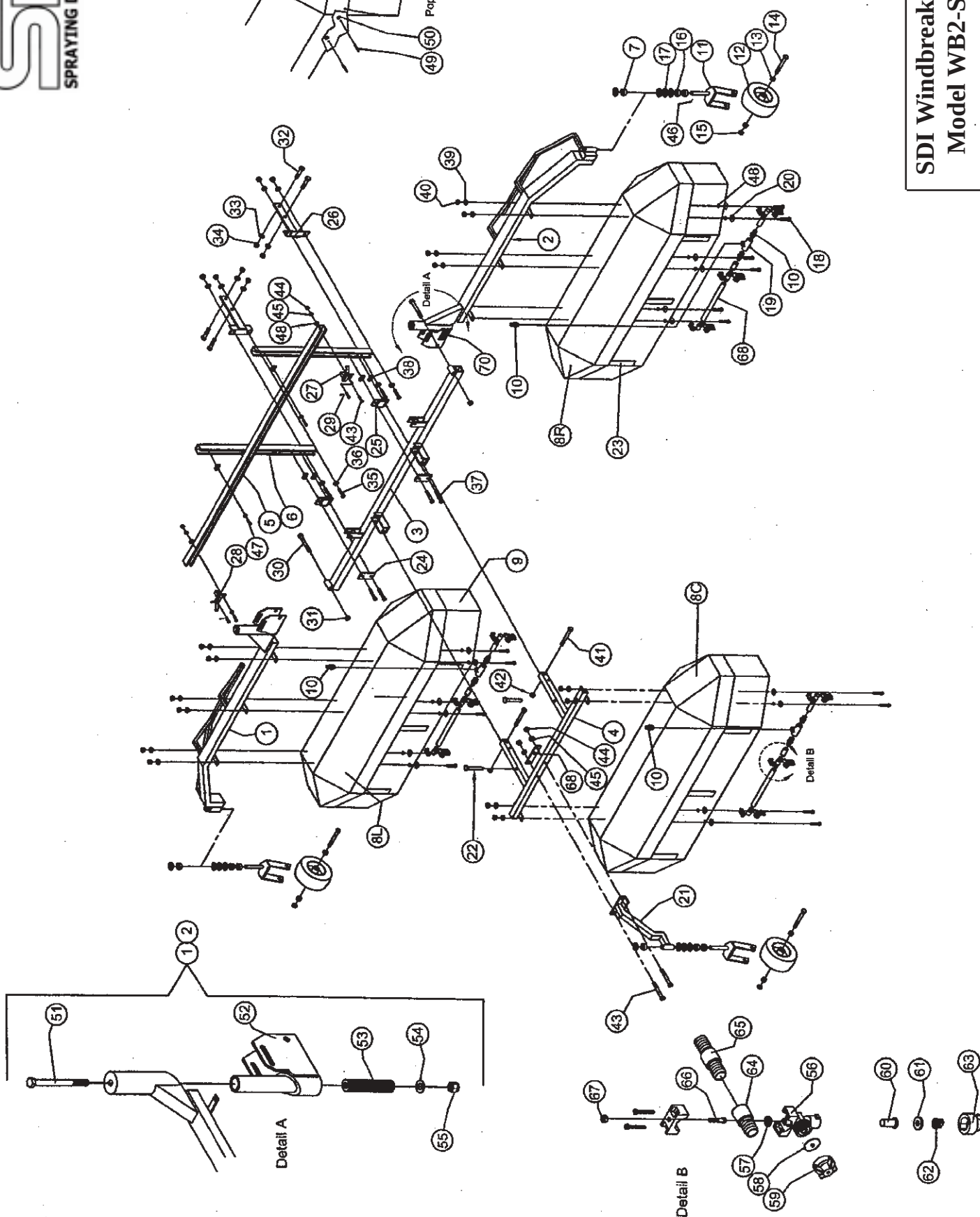
Metal framing support system is designed with many time-saving features. Fully adjustable and reuseable, with a complete line of channels, fittings and accessories for multi-purpose applications.



- No Welding
- No Drilling
- Use Your Imagination

Metal framing installs quickly. There is no need for special tools. All you need is a wrench and hacksaw. Channels and parts can be taken apart for reuse as quickly as they were assembled, yet they provide the strength of welded construction. Eliminating welding and drilling produces substantial savings in time and labor.



SDI Windbreaker Boom
Model WB2-SB15/20

Spraying Devices, Inc., P O Box 3107•Visalia, CA. 93278•Tel: (559)734-5555•Fax: (559)734-5591

Rev3 PI164/0712jj

SDI "Windbreaker 2000" Shielded Spray Boom

Item Number	Part Number	Description	Qty
	WB2-SB15/20	Windbreaker Boom	
1	11-573	Left Wing Section	1
2	11-572	Right Wing Section	1
3	11-570	Main Center Section	1
4	11-571	Center Section	1
5	11-213-80	80" Cross Member	1
6	11-212-40	Boom Upright Channel 40" Long	2
7	11-723	Spacer Ring 1/2"	3
8C	15-700C	Center Shield	1
8L	15-700L	Left Shield	1
8R	15-700R	Right Shield	1
9	64-035	10" Wide Vinyl Black, 14'	3
10	53-134	Adapter 3/4 MPT x 3/4" HB Poly	3
11	11-579	Wheel Yoke Assembly	3
12	80-026	Wheel	3
13	11-726	Spacer Axle	9
14	35-121	Hex Bolt 5/8 x 5-1/2" NC	3
15	41-115	Lock Nut 5/8" NC	5
16	11-724	Spacer Ring 3/4"	18
17	42-108SS	Flatwasher 3/4"	6
18	31-503	Hex Bolt 5/16 x 1" SST	25
19	53-824	Tee 3/4 FPT x 3/4 HB x 3/4 HB Poly	9
20	42-700	Fender Washer 5/16 x 1-1/2" SST	16
21	11-574	Center Wheel Bracket	1
22	69-050	Ball Snap Clevis Pin 1/2"	2
23	64-038	Stiffeners Skirt	15
24	11-278	Center Section Clamp	2
25	11-311	Clamp Plate Center Section	2
26	11-577	Bracket Mount	2
27	11-575R	Right Bracket Boom Rest	1
28	11-575L	Left Bracket Boom Rest	1
29	80-105	Locking Pin	2
30	35-110	Hex Bolt 5/8 NC x 4" Plated	2
31	41-115	Lock Nut 5/8" NC	2
32	34-105	Hex Bolt 1/2 x 1-1/2" Plated	4
33	43-104	Lockwasher 1/2" Plated	8
34	41-104	Hex Nut 1/2" Plated	8
35	34-104	Hex Bolt 1/2 x 1-1/4" Plated	4
36	42-104	Flatwasher 1/2" Plated	4
37	34-114	Hex Bolt 1/2 x 3-3/4"	4
38	41-110	Channel Nut 1/2"	4
39	43-502	Lockwasher 5/16" SST	16
40	41-502	Hex Nut 5/16" SST	16
41	34-111	Hex Bolt 1/2 x 3"	4

SDI "Windbreaker 2000" Shielded Spray Boom

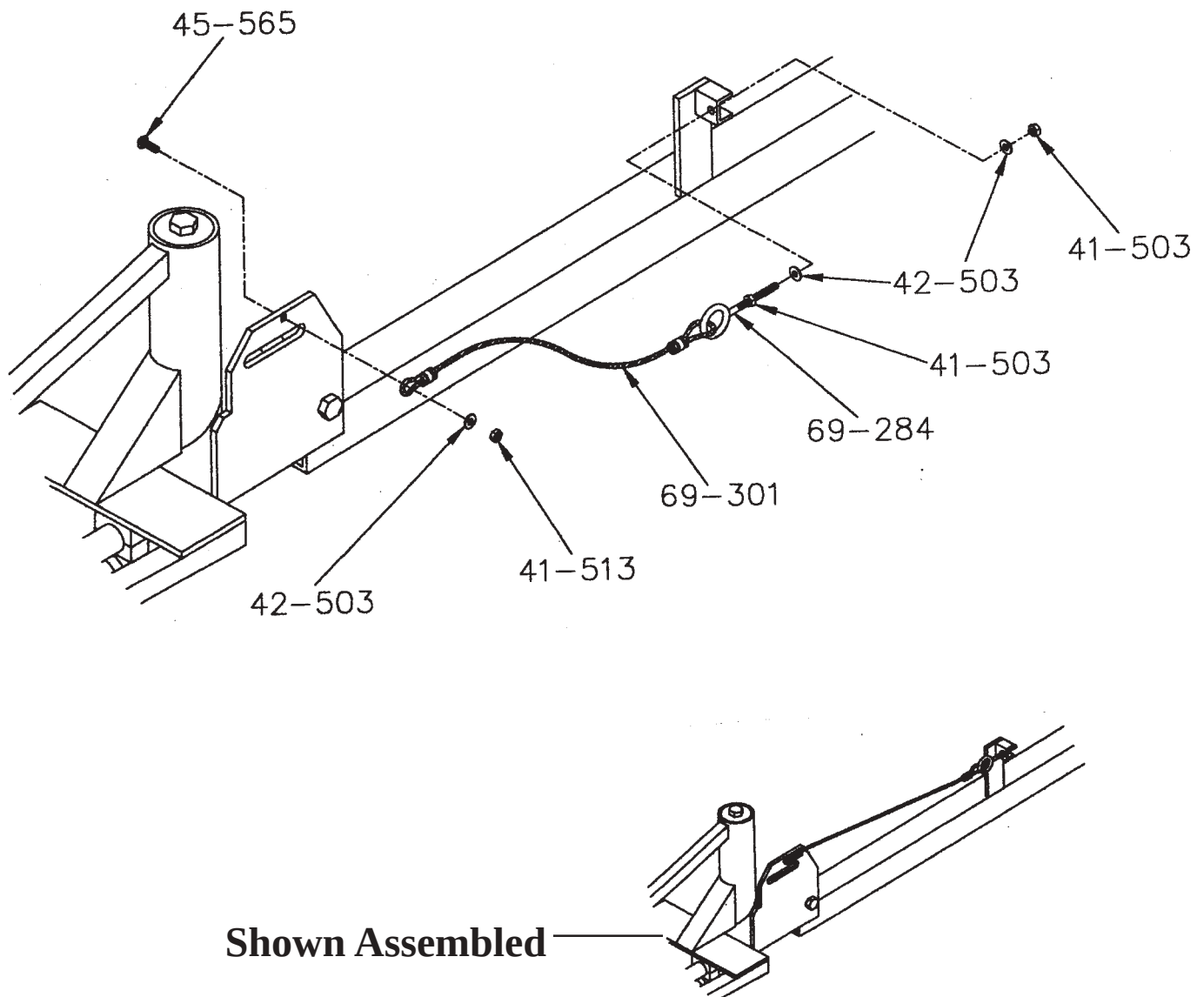
Item Number	Part Number	Description	Qty
42	41-114	Lock Nut 1/2"	2
43	32-509	Hex Bolt 3/8 x 2-1/2" SST	4
44	41-503	Hex Nut 3/8" SST	4
45	43-503	Lockwasher 3/8" SST	4
46	48-104	Cotter Pin 3/32 x 1-1/4"	3
47	32-102SS	Hex Bolt 3/8 x 3/4" SST	2
48	42-503	Flatwasher 3/8" SST	6
49	45-104	Pop Rivet 1/8" Medium	69
50	42-099	Flatwasher 1/8"	84
51	35-217	Bolt 5/8 x 7"	2
52	11-566	Boom Pivot Assembly	2
53	45-183	Breakaway Spring	2
54	42-105	Flatwasher 5/8"	2
55	41-115	Lock Nut 5/8"	2
56	64-411	Split Eyelet Check Valve	9
57	64-416	Washer	9
58	64-414	Diaphragm	9
59	64-415	Check Valve	9
60	64-403	Strainer Screen	9
61	64-404	Washer	9
62	64-643	Spray Tip TP8003VP Polymer	9
63	64-406	Black Cap	9
64	64-437	Hose Shank Single 750 3/4 HB x Blank Dry Boom	6
65	64-435	Hose Shank Double 750 3/4 HB x 3/4 HB Dry Boom	3
66	31-503	Hex Bolt 5/16 x 1" SST	9
67	41-503	Lock Nut 5/16" SST	9
68	K1136-3/4	Spray Hose 3/4 PVC Blue 250 PSI, Per Foot	Specify
70	70-357	Serial Number Decal	1
<i>The following are not illustrated:</i>			
	24-112SS	Hose Clamp #12 SST	18
	11-569	Forward Storage Arm - for use only without actuators - for storage only. Each piece is 15" long.	
*NOTE: 15-700R, 15-700C and 15-700L are sold with the vinyl skirt, stiffeners, hardware, hose and nozzle bodies and are assembled complete prior to shipping.			

Installing SDI's Swag Cable Assembly Part No. 69-301:



Insert carriage bolt, #45-565, through back side of hinge plate as shown. Slip crimped end of cable over threaded side of carriage bolt; use #42-503, 3/8" flatwasher; screw on #41-513, 3/8" lock nut and tighten.

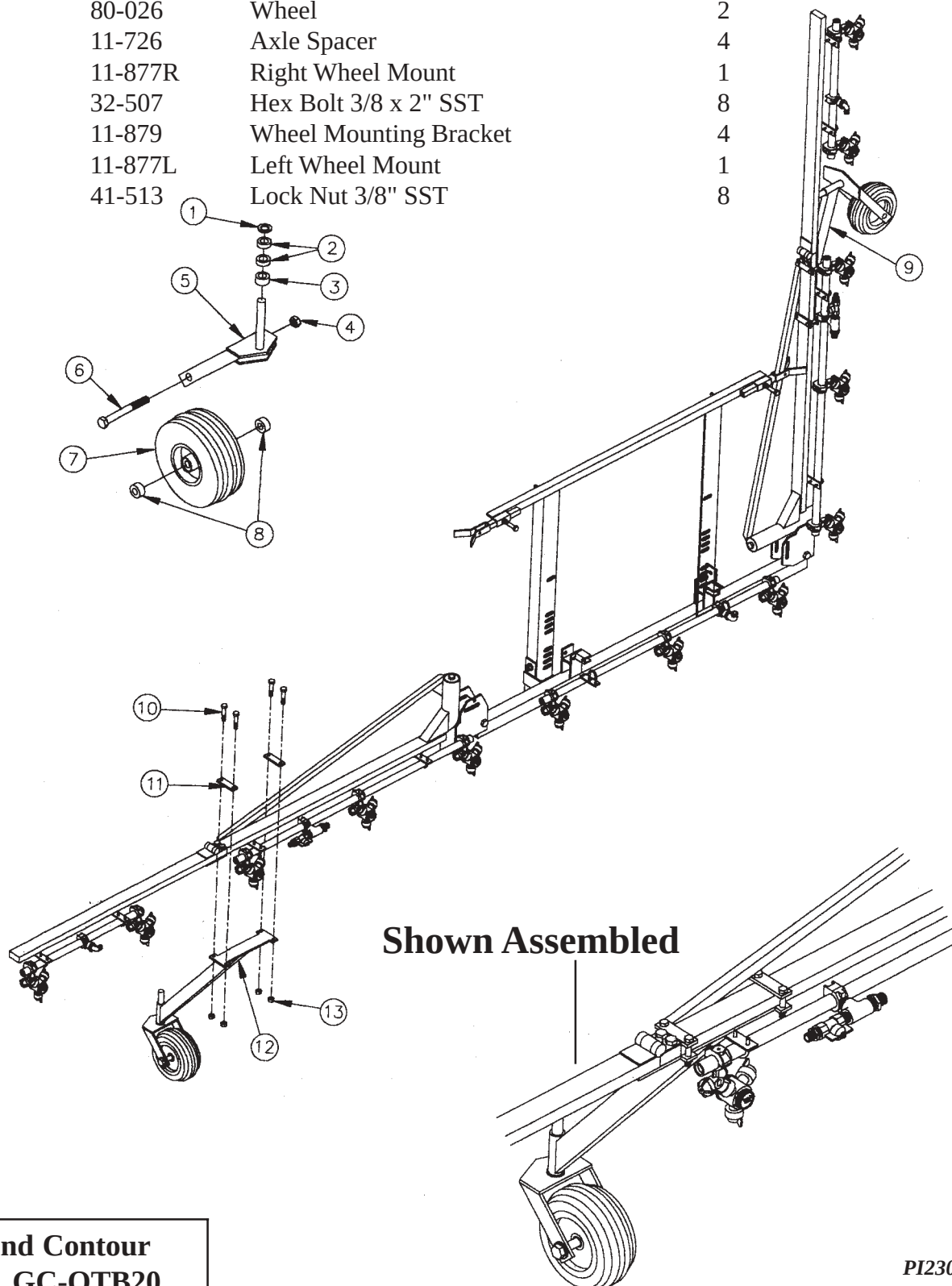
Take eyebolt side with one #41-503, 3/8" nut screwed half-way down the threads of #69-284, eye bolt, slip threaded side through 13/32" hole in channel on center section of boom. Screw on second 3/8" nut. Fold down boom arm and adjust until boom arm is level and tighten accordingly.



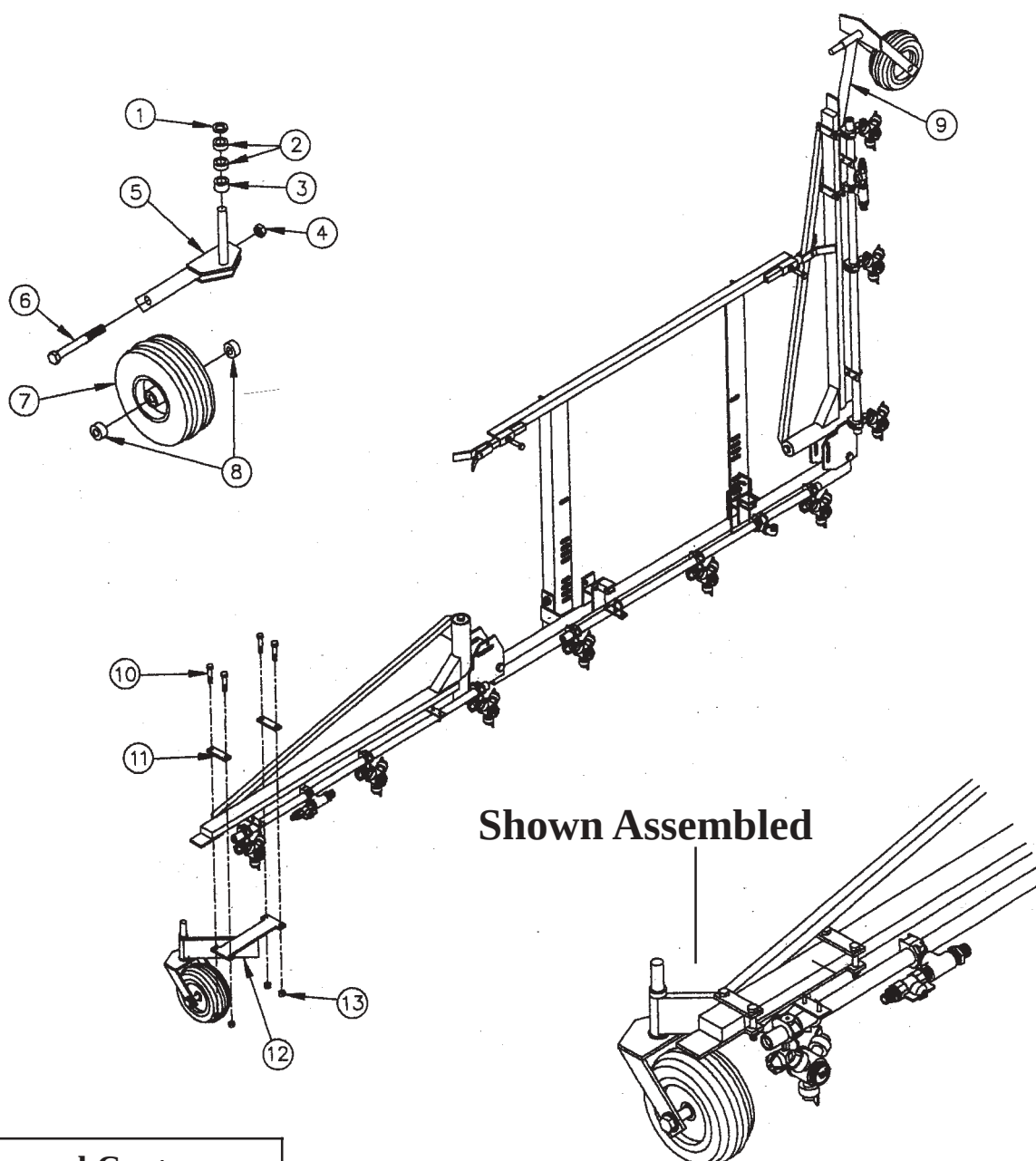
**SDI Swag Cable Assembly
Part No. 69-301**

PI182/1100jj

<u>Item Number</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
1	42-108SS	Flatwasher 3/4" SST	2
2	11-723	Spacer Ring 1/2"	4
3	11-724	Spacer Ring 3/4"	2
4	41-115	Lock Nut 5/8"	2
5	11-722	Wheel Yoke Assembly	2
6	35-121	Hex Bolt 5/8 x 5-1/2"	2
7	80-026	Wheel	2
8	11-726	Axle Spacer	4
9	11-877R	Right Wheel Mount	1
10	32-507	Hex Bolt 3/8 x 2" SST	8
11	11-879	Wheel Mounting Bracket	4
12	11-877L	Left Wheel Mount	1
13	41-513	Lock Nut 3/8" SST	8

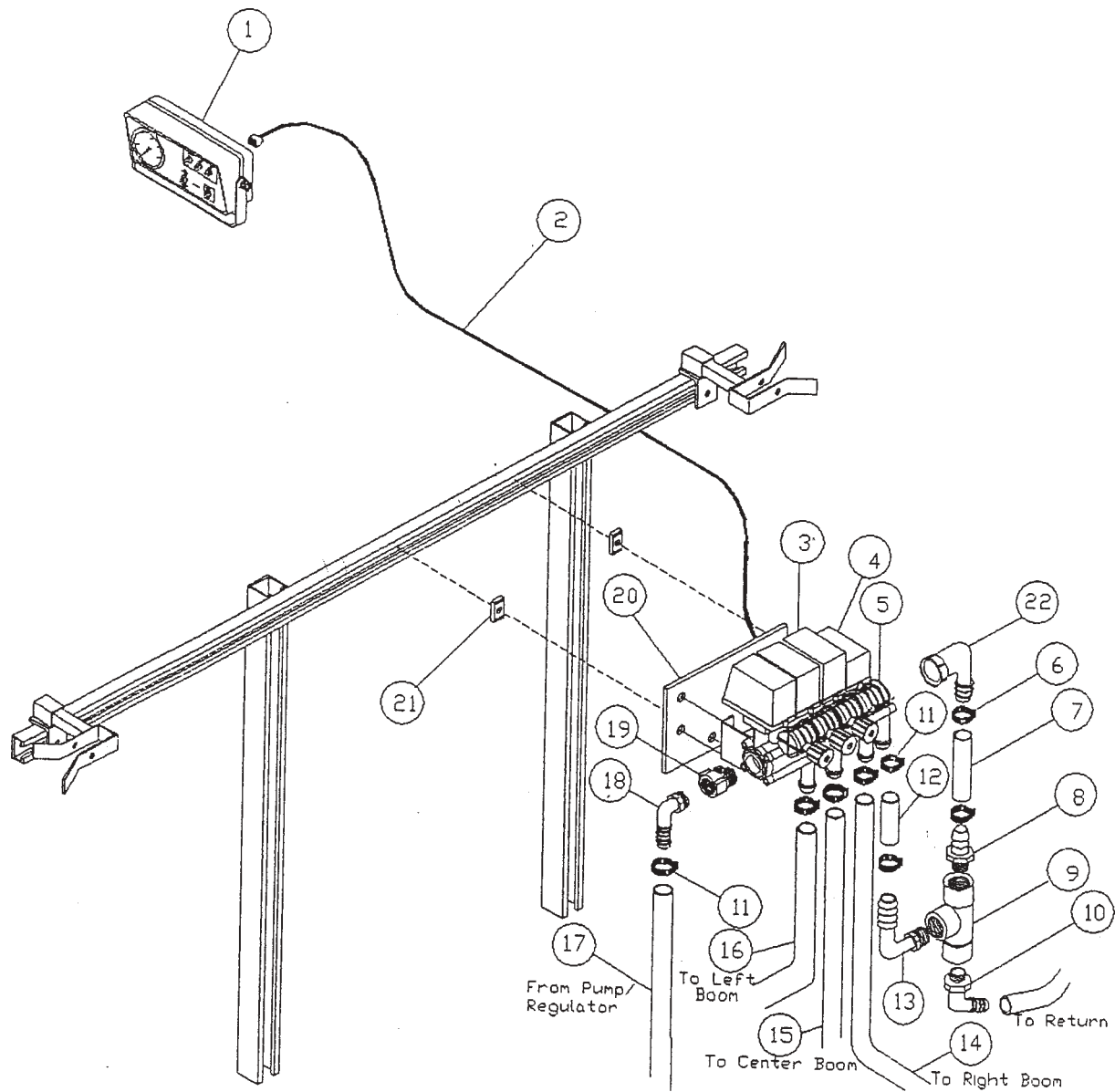


<u>Item Number</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
1	42-108SS	Flatwasher 3/4" SST	2
2	11-723	Spacer Ring 1/2"	4
3	11-724	Spacer Ring 3/4"	2
4	41-115	Lock Nut 5/8"	2
5	11-722	Wheel Yoke Assembly	2
6	35-121	Hex Bolt 5/8 x 5-1/2"	2
7	80-026	Wheel	2
8	11-726	Axle Spacer	4
9	11-880R	Right Wheel Mount (<i>Not illustrated</i>)	1
10	32-507	Hex Bolt 3/8 x 2" SST	8
11	11-879	Wheel Mounting Bracket	4
12	11-880L	Left Wheel Mount	1
13	41-513	Lock Nut 3/8" SST	8



**SDI Ground Contour
Wheel Kit, GC-OTB10**

PI230/1002jj



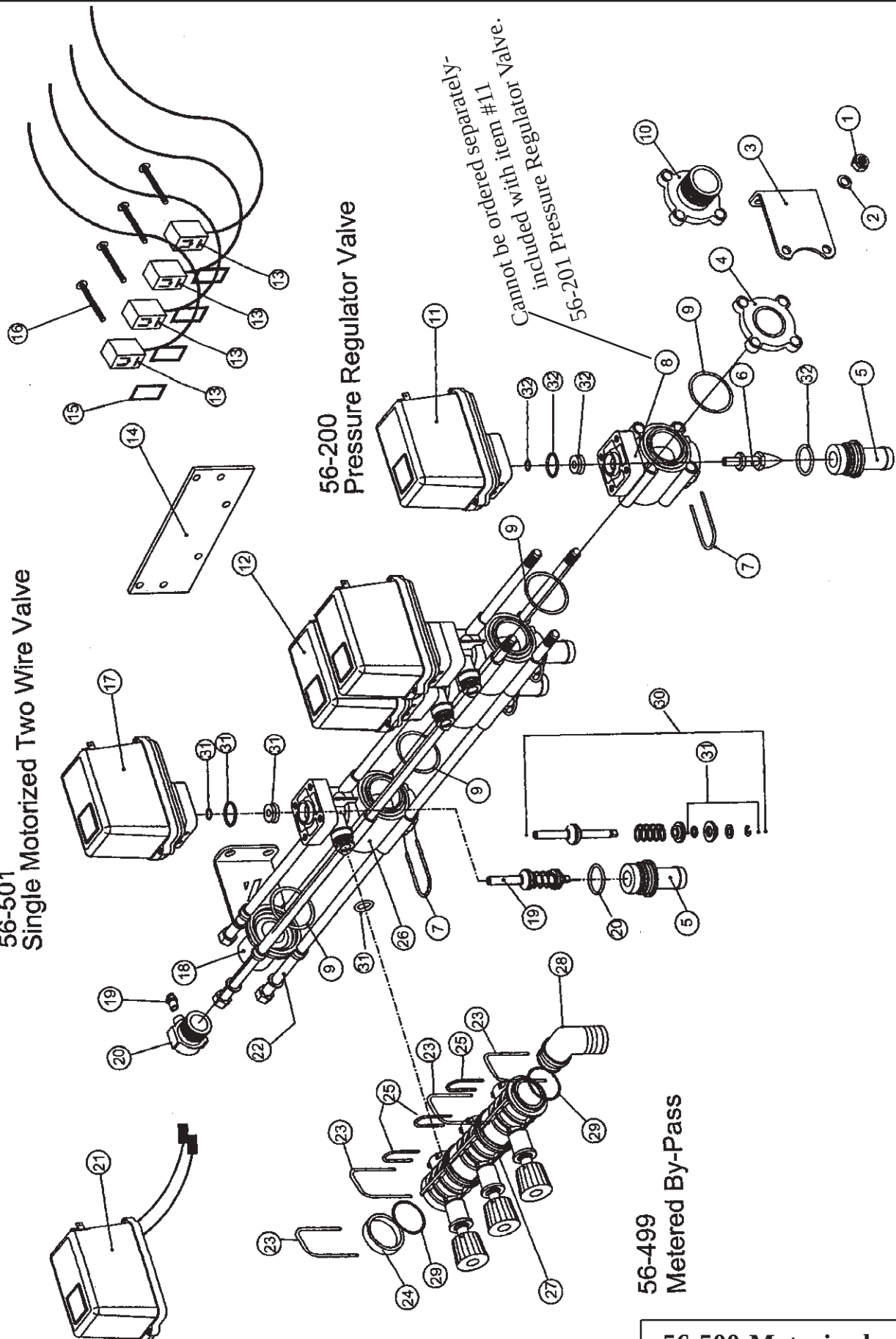
**SDI Motorized Boom Valve
 Controls, Part # EC-VMAFS**

PI1107/1197eh

SDI Motorized Boom Valve Controls

Item Number	Part Number	Description	Qty
	EC-VMAFS	Vehicle Mounted Motorized Boom Valve Controls	
1	56-503AF	Control Box	1
2	56-504AF	Wire Harness	1
3	56-500	Three Motorized Valves	1
4	56-200	Regulating Valve	1
5	56-502	Manifold	1
6	24-116	Hose Clamp #16	6
7	21-938	Hose 1" ID, Per Foot	Specify
8	53-435	Adapter 1 MPT x 1" HB Poly	1
9	53-826	Tee 1" NPT Poly	1
10	52-120	Elbow 1 MPT x 1" HB Poly	2
11	24-112	Hose Clamp #12	10
12	21-930	Hose 3/4" ID, Per Foot	Specify
13	52-119	Elbow 1 MPT x 3/4" HB Poly	1
14	*21-930	Right Boom Hose 3/4" ID, Per Foot	Specify
15	*21-930	Center Boom Hose 3/4" ID, Per Foot	Specify
16	*21-930	Left Boom Hose 3/4" ID, Per Foot	Specify
17	*21-930	Pump Hose 3/4" ID, Per Foot	Specify
18	52-112	Elbow 3/4 MPT x 3/4" HB Poly	1
19	56-2152	Adapter 3/4 MPT x 3/4 MPT x 1/8" Port	1
20	11-639	Mounting Plate	1
21	41-106	Strut Nut 3/8"	2
22	56-511	Fly Nut Assembly	1
	*21-930	25' of Hose 3/4" ID included - cut to lengths as required.	
		<i>The following items are not illustrated:</i>	
	11-021	Control Arm	1
	11-022	Control Stand	1
	11-023	Control Stand Clamp	1
	21-938	Hose 1" ID, Per Foot	Specify

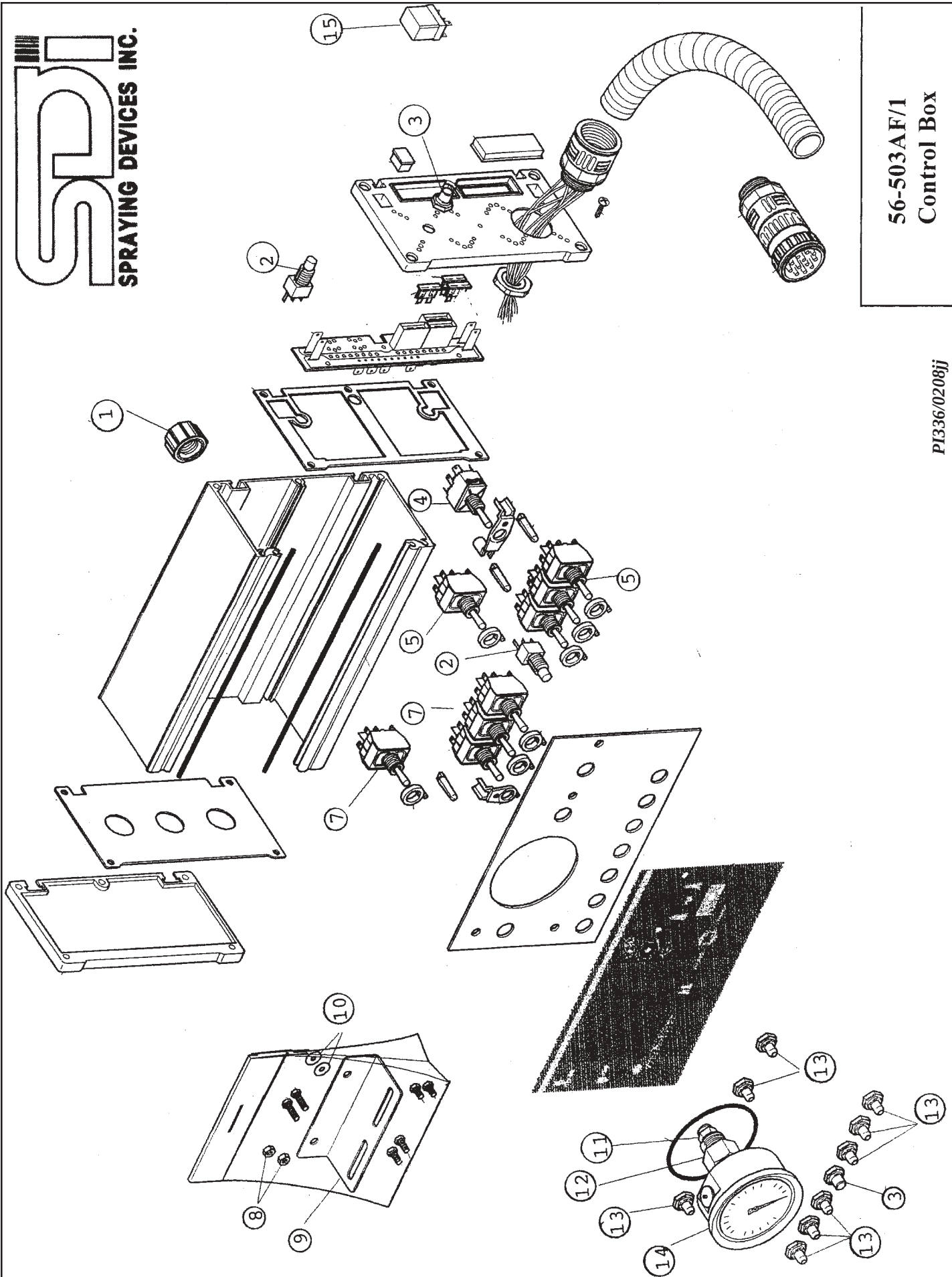
56-501
Single Motorized Two Wire Valve



56-500 Motorized
Valve Assembly

SDI 56-500 Motorized Valve Assembly

Item Number	Part Number	Description	Qty
	56-500	Motorized Valve Assembly consists of 3 #56-501 Single Motorized Valves, 1 #56-200 Pressure Regulator Valve and 1 #56-499 Metered By Pass Valve	
1	56-530	Hex Nut	4
2	56-529	Washer	8
3	56-505	End Mounting Plate	2
4	56-597	Blank Plate	1
5	56-105	Fitting 3/4 In HB x Slip	4
6	56-203	Regulator Stem	1
7	56-106	Locking Pin	4
8		Regulator Body, Included with Item #11	
9	56-107	O-ring	5
10	56-514	Outlet Flange 3/4 In MPT	1
11	56-201	Regulator Motor Assembly	1
12	56-501	Valve Assembly, Two Wire	3
13	56-541	Din Connector	4
14	11-369	SDI Mounting Plate	1
15	56-490	Gasket	4
16	56-491	Screw	4
17	56-100A	Motor Assembly for 56-501	3
18	56-513	Inlet Flange 3/4 In FPT	1
19	56-510	Adapter 1/8 MPT x 5/32 In Slip	1
20	56-2152	Adapter 3/4 MPT x 3/4 FPT x 1/8 In FPT	1
21	56-525	Motor Cover	4
22	56-528	Hex Bolt 10 In	4
23	56-596	Clip Pin	4
24	56-600	End Cap	1
25	56-517	Clip Pin	3
26	56-101	Valve Body	3
27	56-499	Metered By Pass after 1/07	1
28	56-599	Elbow Slip x 3/4 In HB	1
29	56-598	O-ring	4
		Repair Kits:	
30	56-538	Plunger Kit Regulator 56-200	1
31	56-539	Seal Kit 56-501 Motorized Valve	1
32	56-540	Seal Kit 56-200 Regulator	1



56-503AF/1 Control Box

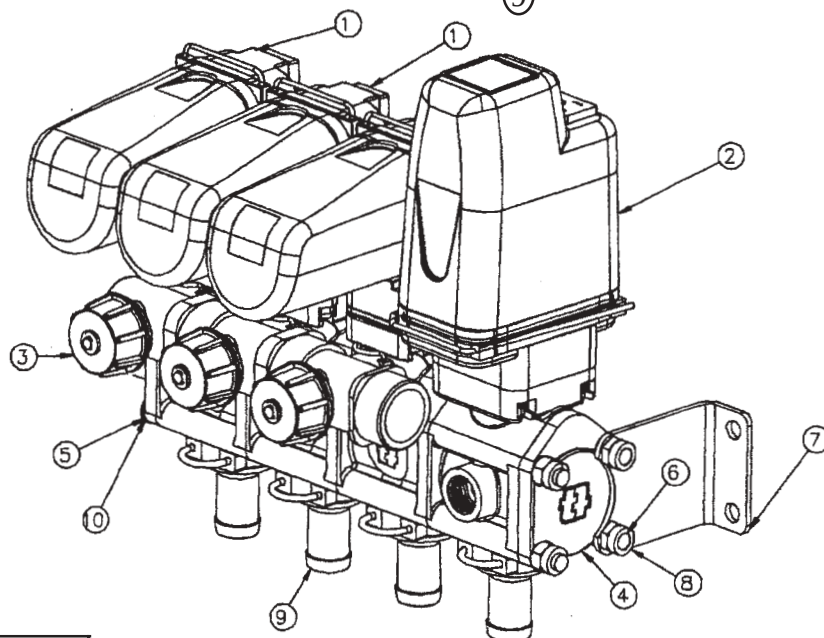
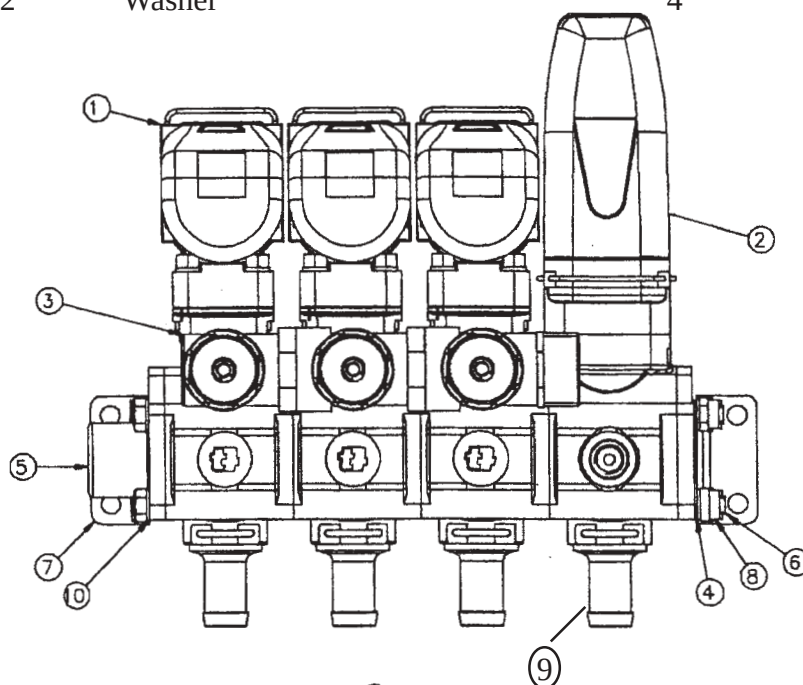
PI336/0208jj

Spraying Devices, Inc., P O Box 3107 • Visalia, CA. 93278 • Tel: (559)734-5555 • Fax: (559)734-5591

SDI Control Box

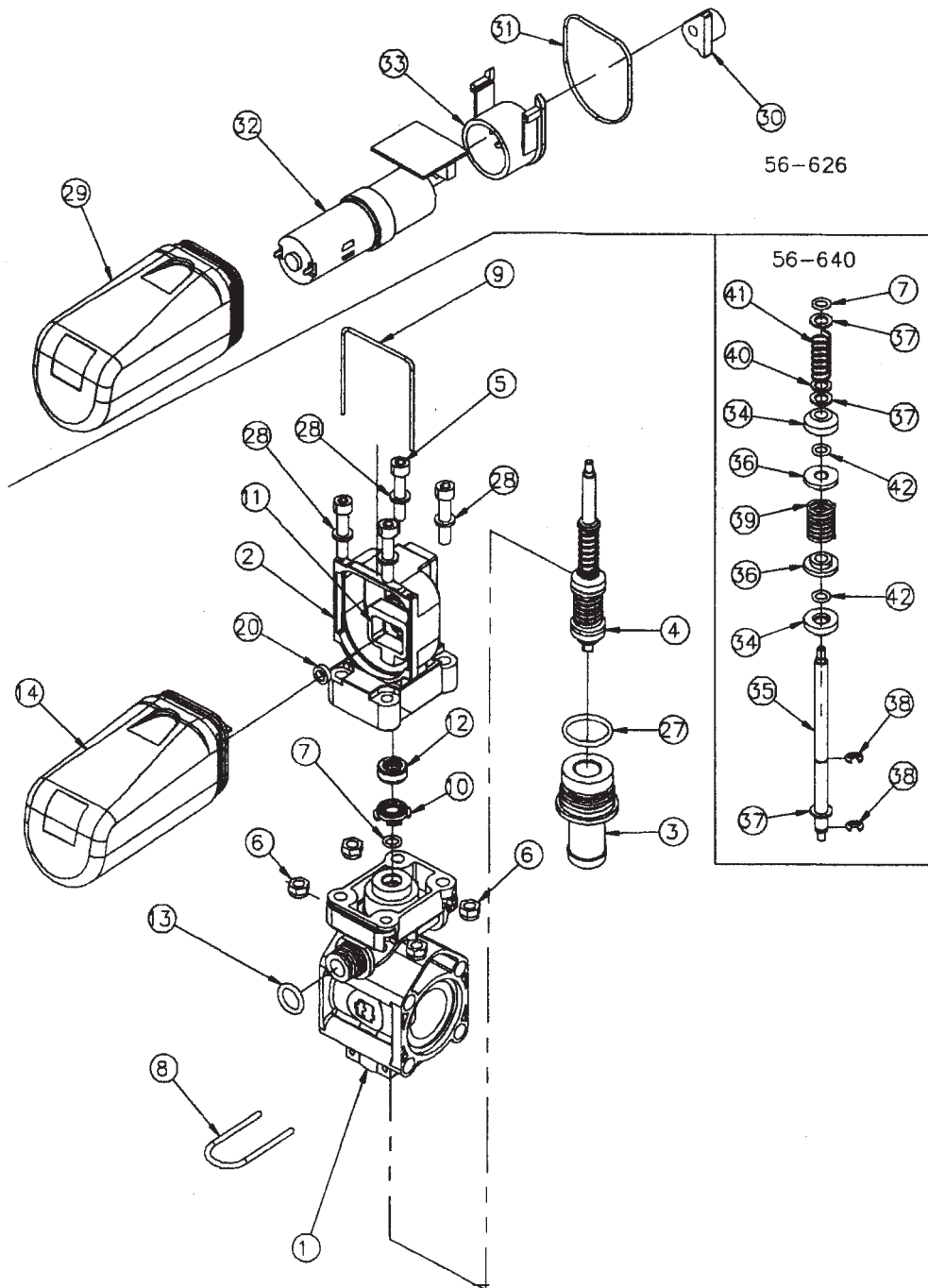
Item Number	Part Number	Description	Qty
	56-503AF/1	Control Box	
1	61-527	Reducer 1/4 x 1/2"	1
2	61-531	Main Power Switch/Dual Foamer Switch	2
3	61-517	Main Power Boot	2
4	61-260	On/Off Switch	1
5	61-515	Boom Lift Pressure Switch	4
7	61-500	On/Off Boom Switch	4
8	61-106	Nut	2
9	61-525	Mounting Bracket	1
10	61-118	Washer	2
11	61-528	Tubing Connector 1/8"	1
12	61-535	Long Pressure Gauge Adapter	1
13	61-516	Switch Boot Toggle Switch	9
14	56-509	Liquid Pressure Gauge 0-100 PSI	1
15	61-530	Relay 12C 3A	1

<u>Item Number</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
1	56-501/T	Boom Section Valve	3
2	56-200/1	Volmetric Control Valve	1
3	56-645	By-Pass Manifold	1
4	56-646	Male Closed Adapter	1
5	56-647	Adapter 3/4" NPT	1
6	56-648	Screw SST	4
7	56-649	Mounting Bracket SST	2
8	56-650	Self-Locking Nut SST	4
9	56-614	Outlet 3/4" HB	4
10	56-652	Washer	4



**SDI Motorized Vavles (3)
and Regulator (Two Wire)**
Part No. 56-500/T

PI342/0508jj

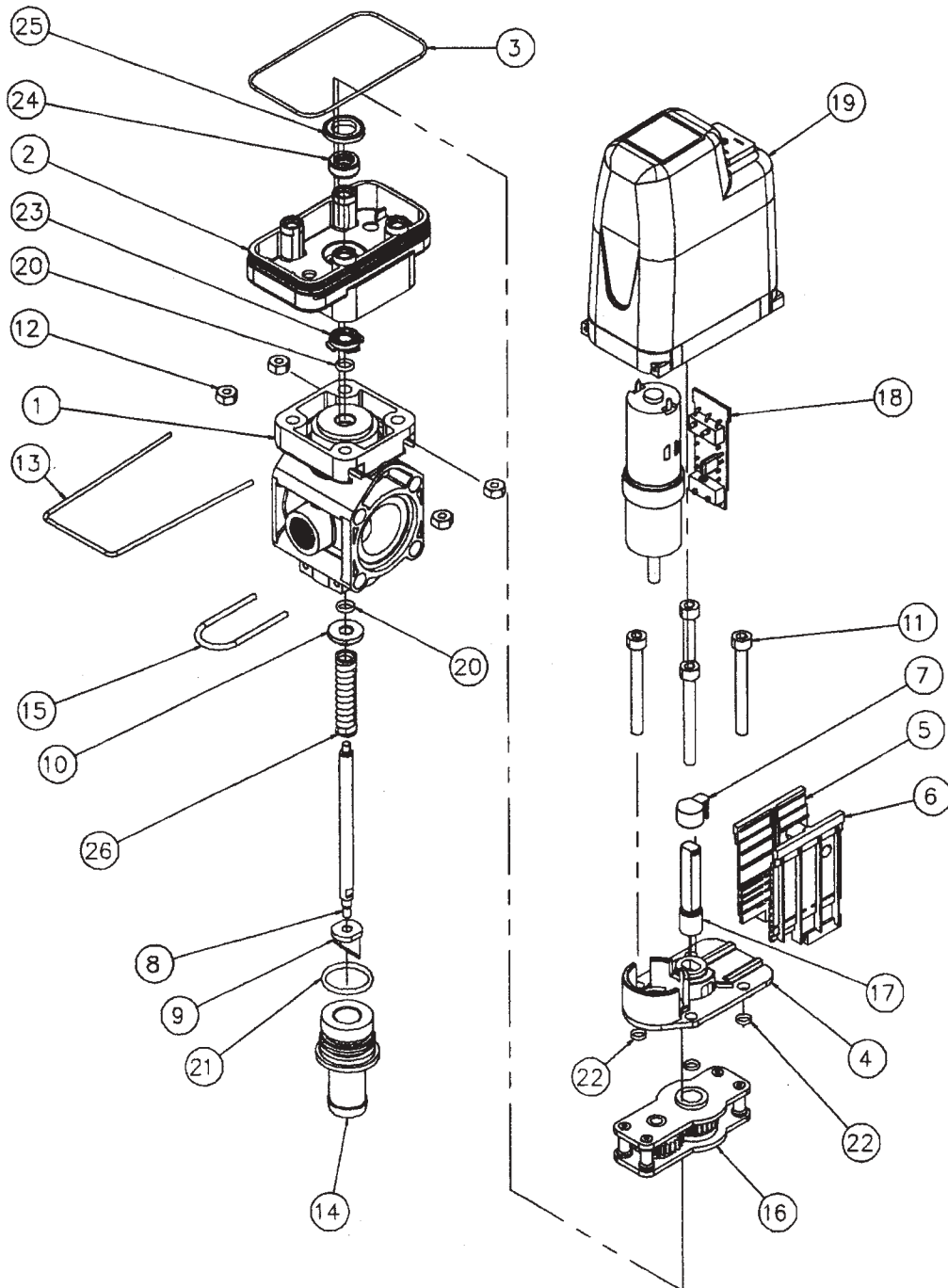


SDI Pressure Regulating Valve Part No. 56-501/T

PI343/0508jj

SDI Motorized Valves

Item Number	Part Number	Description	Qty
	56-501/T	Single Motorized Valve, Regulator, Two Wire	
1	56-637	Valve Body	1
2	56-633	Valve Motor Body	1
3	56-614	Adapter 3/4" HB	1
4	56-640	Valve Stem Kit	1
5	56-630	Screw	4
6	56-605	Nut	4
7	56-604	O-ring, Viton	3
8	56-608	Round Lock Pin	1
9	56-629	Square Lock Pin	1
10	56-638	Snap Lock	1
11	56-632	Connecting Rod for Valve	1
12	56-601	O-ring, Viton	1
13	56-635	O-ring, Viton	1
14	56-626	Valve Motor Assembly	1
20	56-634	Motor Gear Pin Mounting	1
27	56-613	O-ring, Viton	1
28	56-631	Screw	4
29	56-627	Valve Motor Cover	1
30	56-647	Adapter 3/4" FPT	1
31	56-628	O-ring EPDM	1
32	56-645	Manifold W/Three Balancing Valves	1
33	56-646	Closed Adapter	1
34	56-643	Seat	2
35	56-656	Valve Stem	1
36	56-609	Washer	2
37	56-641	O-ring	3
38	56-642	Washer	2
39	56-655	Spring	1
40	56-644	O-ring	1
41	56-657	Spring	1

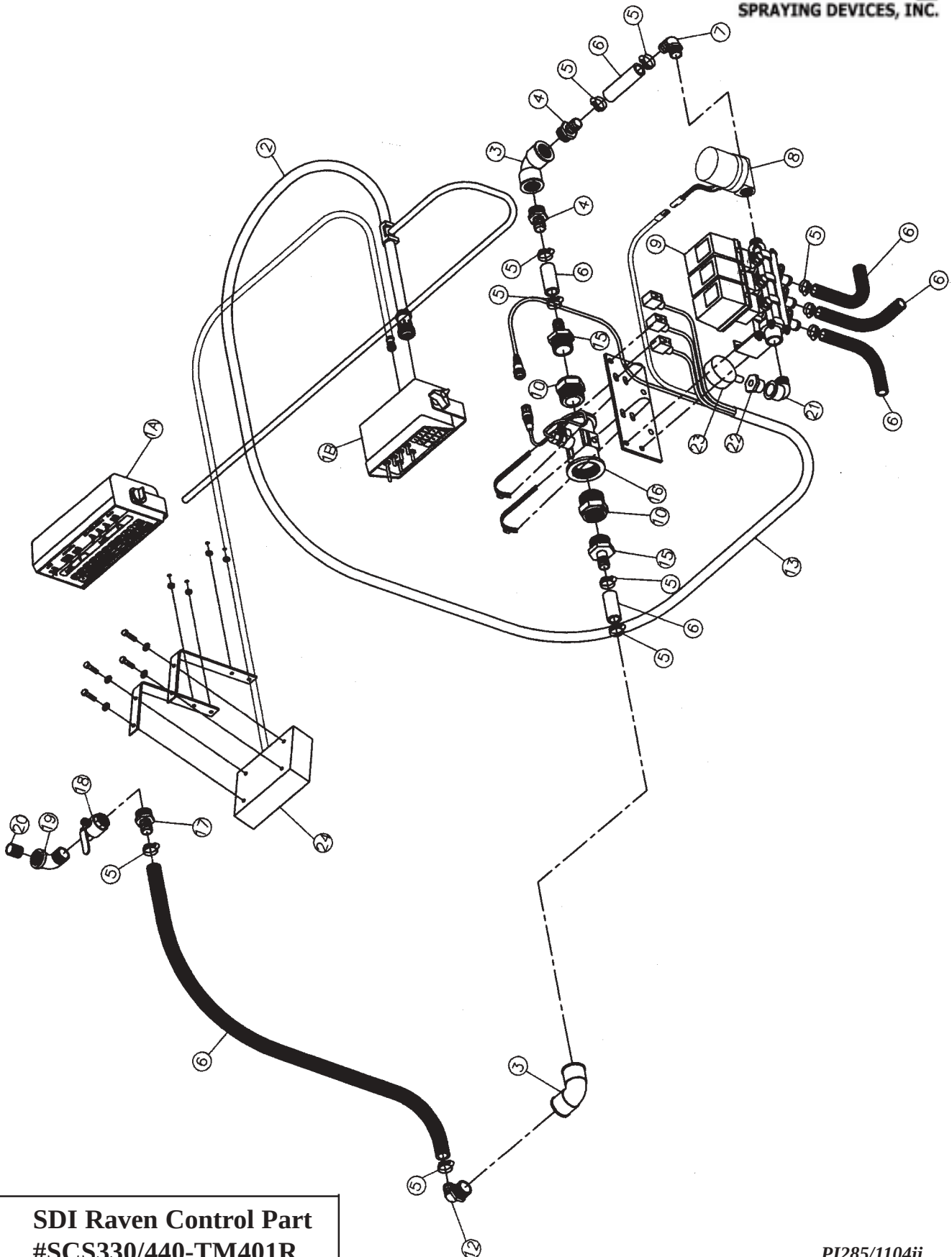


**SDI Pressure Regulating
 Valve Part No. 56-200/T**

PI341/0508jj

SDI Pressure Regulating Valve

Item Number	Part Number	Description	Qty
	56-200/T	Pressure Regulating Valve	
1	56-606	Regulating Body	1
2	56-602	Motor Housing Body	1
3	56-615	Motor Cover O-ring	1
4	56-623	Motor Support	1
5	56-620	Male Support/Electronic Card	1
6	56-621	Female Support/Electronic Card	1
7	56-619	Stop Switch for Valve	1
8	56-611	Regulator Stem	1
9	56-612	Regulator Valve Seat	1
10	56-609	Washer	1
11	56-618	Screw	4
12	56-605	Nut	4
13	56-607	Lock Pin Square	1
14	56-614	Adapter 3/4" HB	1
15	56-608	Round Lock Pin	1
16	56-625	Regulator Gear Box	1
17	56-622	Motor Support/Volmetric Valve	1
18	56-617	Regulator Circuit Board	1
19	56-616	Regulator Cover	1
20	56-604	O-ring, Viton	2
21	56-613	O-ring, Viton	1
22	56-624	O-ring, Viton	4
23	56-603	Snap Lock	1
24	56-601	O-ring, Viton	1
25	56-600	Spacer/Electric Volmetric Valve	1
26	56-610	Regulator Stem Spring	1

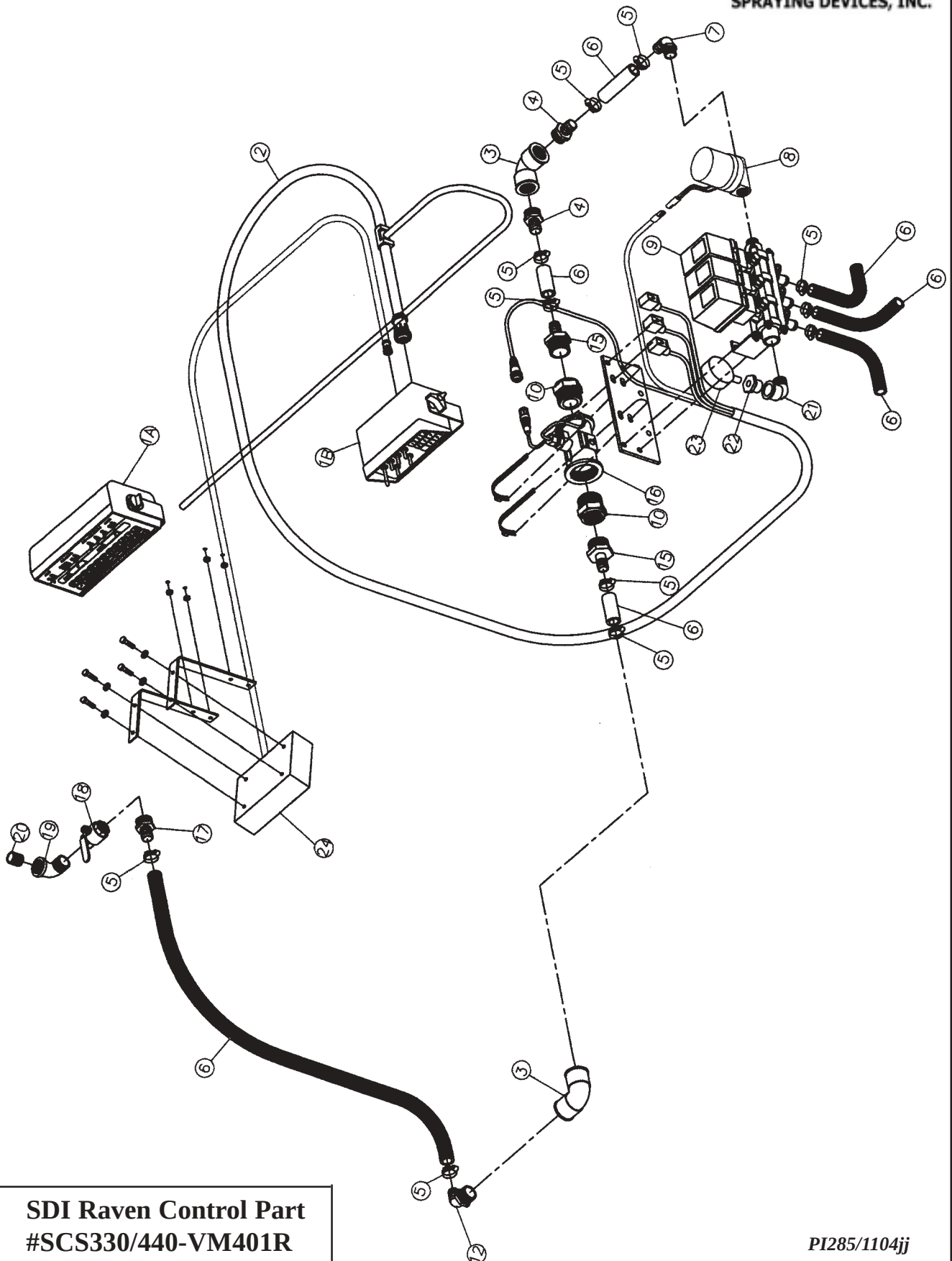


**SDI Raven Control Part
#SCS330/440-TM401R**

PI285/1104jj

SDI/Raven Controls SCS330TM401R and SCS440-TM401R

Item Number	Part Number	Description	Qty
1A	30-102S	Control Console SCS440-TM401R	1
1B	30-101	Control Console SCS330-TM401R	1
2	30-204	Wire Harness Assembly 18 Ft.	1
3	52-282	Elbow 1" NPT Poly	2
4	53-434	Adapter 1 MTP x 3/4" HB Poly	3
5	24-110	Hose Clamp #10	14
6	21-930	Hose 3/4" ID, Per Foot	Specify
7	52-112	Elbow Adapter 3/4 MPT x 3/4" HB Poly	2
8	30-100	Control Valve	1
9	56-302	Motorized Valve Assembly	1
10	53-803	Bushing 1-1/2 x 1-1/3" Poly	2
11	24-136	Hose Clamp #36	2
12	52-119	Elbow Adapter 1 MPT x 3/4" HB Poly	1
13	30-206	Wire Harness Extension 12 Ft.	1
14	11-230	Mounting Plate	1
15	53-439	Adapter 1-1/4 MPT x 3/4" HB Poly	2
16	30-199	Flow Meter	1
17	53-134	Adapter 3/4 MPT x 3/4" HB Poly	2
18	60-324	Ball Valve 3/4" FPT	1
19	50-510SS	Street Elbow 3/4" x 90° SST	1
20	51-501SS	Close Nipple 3/4" SST	1
21	53-813	Street Elbow 3/4" x 90° Poly	1
22	50-560SS	Bushing 1/4 x 4" SST	1
23	27-100	Liquid Filled Gauge 0-100 PSI	1
24	81-822	Raven Radar Gun W/Mounting Hardware (Optional)	1
		<i>The following part is not illustrated:</i>	
	11-088	Hose Hanger	2



**SDI Raven Control Part
 #SCS330/440-VM401R**

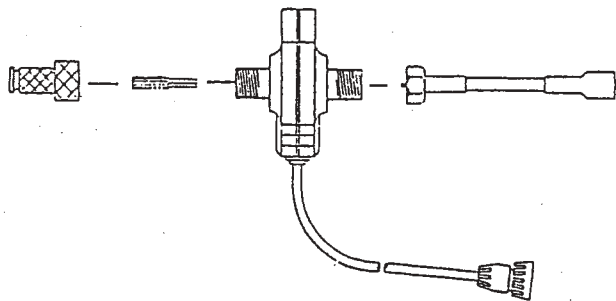
PI285/1104jj

SDI/Raven Controls SCS330VM401R and SCS440-VM401R

Item Number	Part Number	Description	Qty
1A	30-102S	Control Console SCS440-TM401R	1
1B	30-101	Control Console SCS330-TM401R	1
2	30-204	Wire Harness Assembly 18 Ft.	1
3	52-282	Elbow 1" NPT Poly	2
4	53-434	Adapter 1 MTP x 3/4" HB Poly	3
5	24-110	Hose Clamp #10	14
6	21-930	Hose 3/4" ID, Per Foot	Specify
7	52-112	Elbow Adapter 3/4 MPT x 3/4" HB Poly	2
8	30-100	Control Valve	1
9	56-302	Motorized Valve Assembly	1
10	53-803	Bushing 1-1/2 x 1-1/3" Poly	2
11	24-136	Hose Clamp #36	2
12	52-119	Elbow Adapter 1 MPT x 3/4" HB Poly	1
14	11-230	Mounting Plate	1
15	53-439	Adapter 1-1/4 MPT x 3/4" HB Poly	2
16	30-199	Flow Meter	1
17	53-134	Adapter 3/4 MPT x 3/4" HB Poly	2
18	60-324	Ball valve 3/4" FPT	1
19	50-510SS	Street Elbow 3/4" x 90° SST	1
20	51-501SS	Close Nipple 3/4" SST	1
21	53-813	Street Elbow 3/4" x 90° Poly	1
22	50-560SS	Bushing 1/4 x 4" SST	1
23	27-100	Liquid Filled Gauge 0-100 PSI	1
24	81-822	Raven Radar Gun W/Mounting Hardware (Optional)	1
		<i>The following part is not illustrated:</i>	
	11-088	Hose Hanger	2

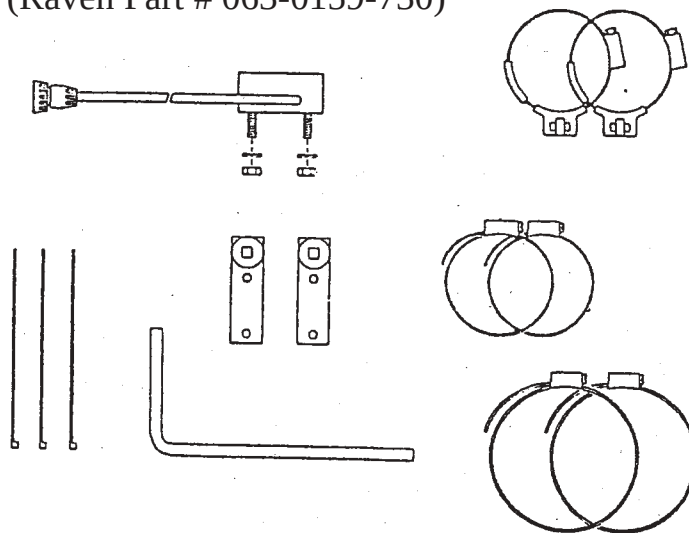
Speedometer Drive Speed Sensor

SDI Part No. 81-634
(Raven # 063-0159-634)



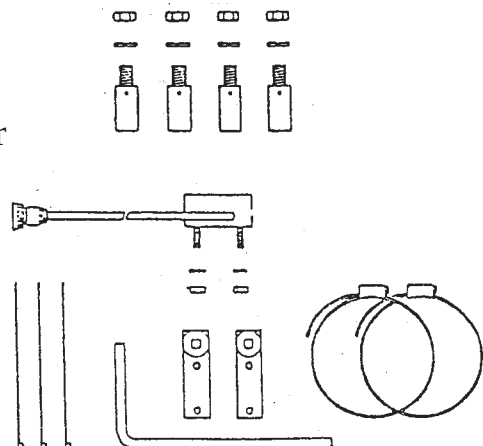
Drive Shaft Speed Sensor

SDI Part No. 81-730
(Raven Part # 063-0159-730)



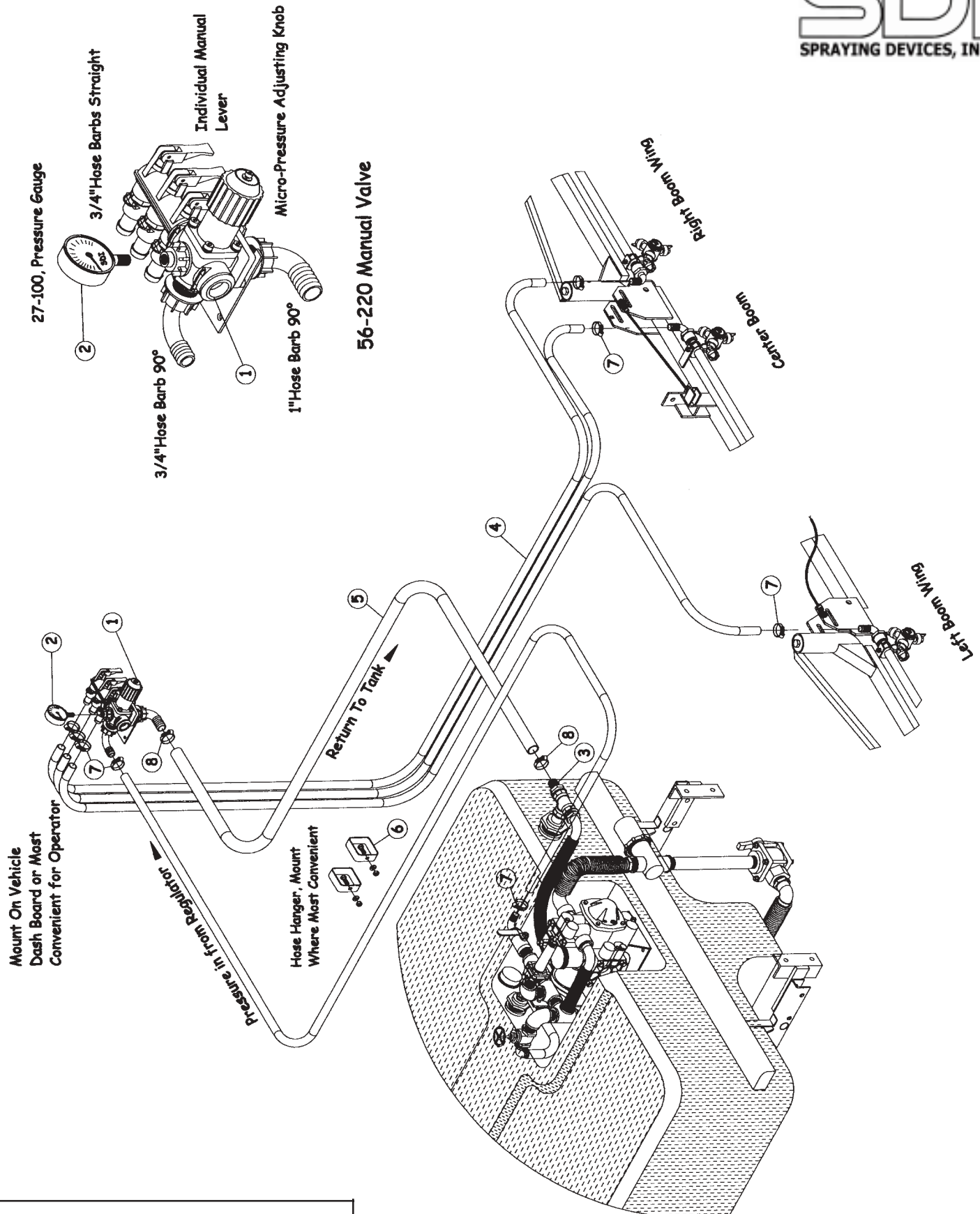
Wheel Drive Speed Sensor

SDI Part No. 81-484
(Raven # 063-0159-484)



**SDI/Raven Speed Sensors #
81-634, 81-730 and 81-484**

PI73/597



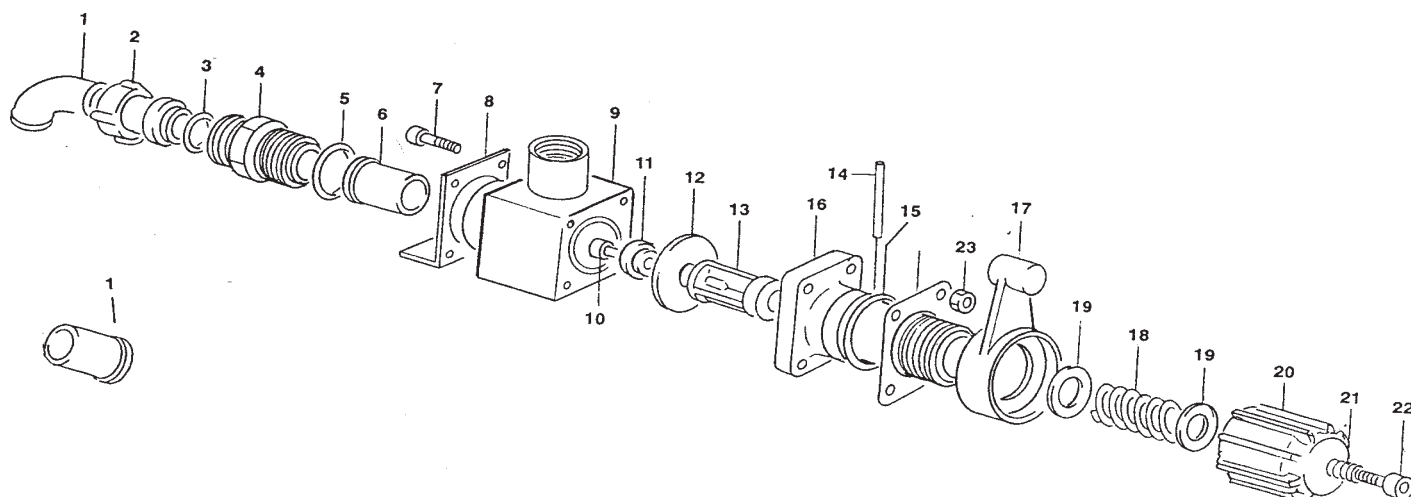
SDI Manual Controls
Part No. MCVM2

PI358/1009jj

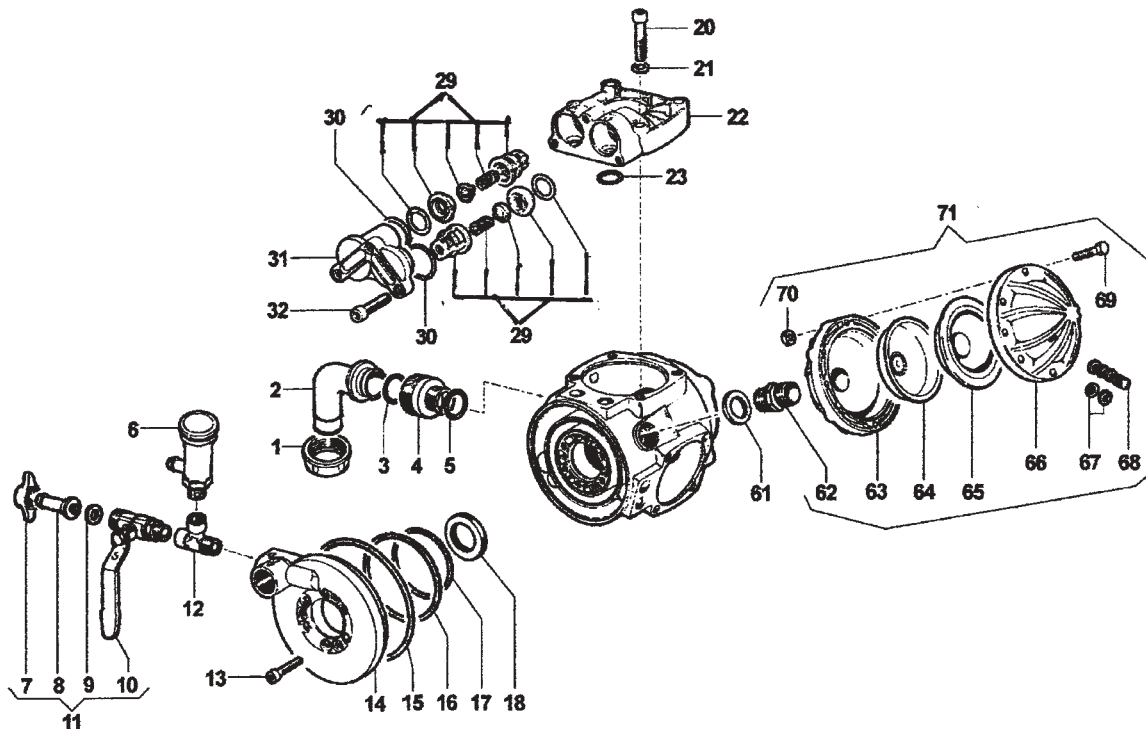
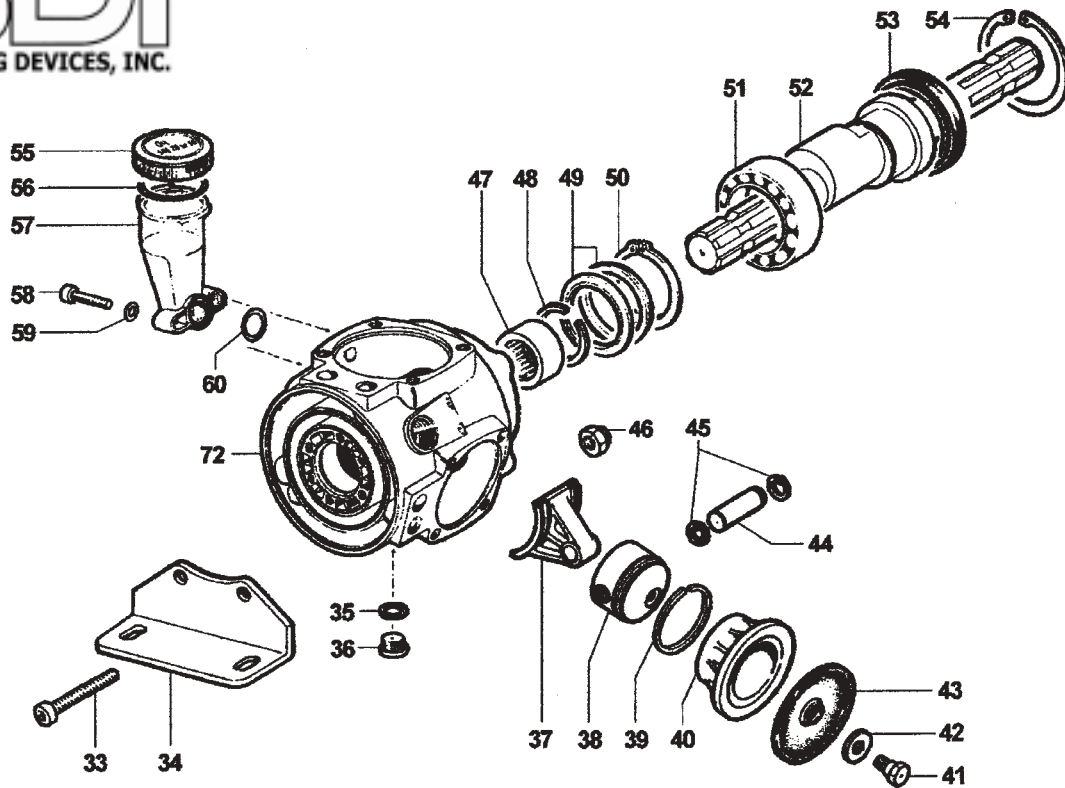
SDI Manual Controls MCV M2

Item Number	Part Number	Description	Qty
1	56-220	Manual Valve Assembly	1
2	27-100	Pressure Gauge 0-100 PSI	1
3	53-435	Adapter 1 MPT x 1" HB	1
4	21-930	Hose 3/4" ID 200 PSI, Per Foot	Specify
5	21-938	Hose 1" ID 200 PSI, Per Foot	Specify
6	11-693	Hose Hanger	2
7	24-110	Hose Clamp #10	8
8	24-116	Hose Camp #16	2

<u>Item Number</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
1	78-801	Elbow	1
1	78-826	Straight Fitting	1
2	78-802	Nut	1
3	78-803	O-ring	1
4	78-804	Coupling	1
5	*78-805	O-ring	1
6	*78-806	Valve	1
7	78-807	Cap Screw	4
8	78-808	Frame	1
9	78-809	Valve Body	1
10	78-810	Screw	1
11	*78-811	Valve Seat	1
12	*78-812	Diaphragm	1
13	78-813	Sliding Block	1
14	78-814	Pin	1
15	*78-815	O-ring	1
16	78-816	Valve Body	1
17	78-817	Pressure Adjusting Lever	1
18	78-818	Spring, 300 PSI (78-800)	1
18	78-824	Spring, 600 PSI (78-830)	1
19	78-819	Washer	2
20	78-820	Knob	1
21	78-821	Spring	1
22	78-822	Screw	1
23	78-823	Nut	1
24	78-825	Backing Plate	1
	78-829	Repair Kit - consists of all "*" Parts	1



**SDI Pressure Regulating
Valve Part #78-800 & 78-830**



SDI Diaphragm Pump
Part No. 78-0020

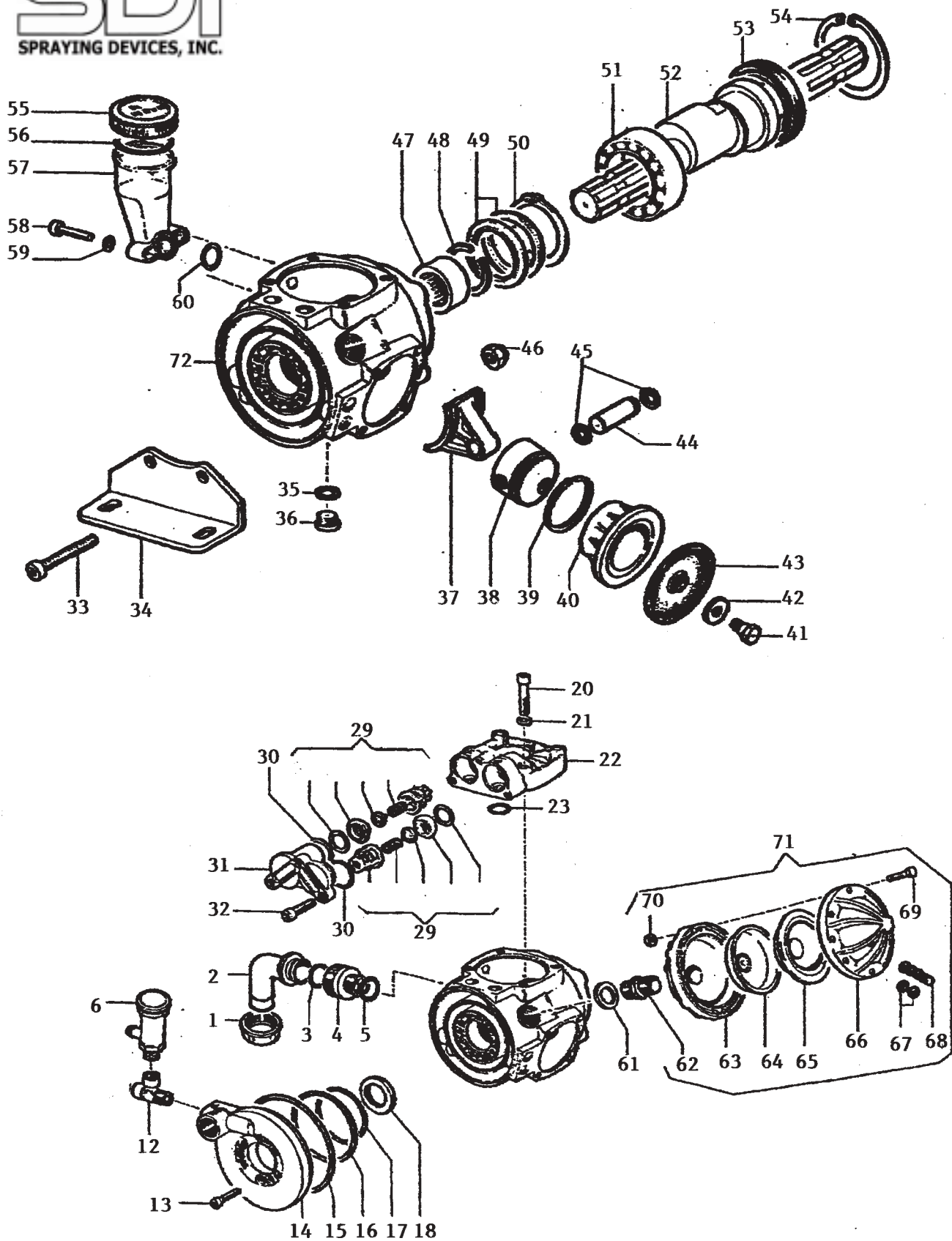
PI181/09/10jj

SDI Diaphragm Pump Model 78-0020 & 78-020

Item Number	Part Number	Description	Qty
1	78-038	Wing Nut 1-1/2"	1
2	78-039	Hose Barb Elbow 1-1/2"	1
3	78-815	Inlet Elbow O-ring	1
4	78-041	Pump Inlet Adapter	1
5	78-042	Pump Inlet Adapter O-ring	1
6	78-037	Safety Valve Assembly	1
12	78-036	Tee Fitting	1
13	78-034	Socket Head Cap Screw	6
14	78-033	Pump Crank Case Flange	1
15	78-032	Front Flange O-ring	1
16	78-031	Front Flange O-ring	1
17	78-030	Front Flange O-ring	1
18	78-029	Shaft Oil Seal	1
20	78-085	Socket Head Cap Screw for 78-020 Model AP70	12
20	78-424	Socket Head Cap Screw for 78-0020 Model APS71	12
21	78-084	Flatwasher	11
22	78-083	Pump Manifold for 78-020 Model AP70	3
22	78-421	Pump Manifold for 78-0020 Model APS71	3
23	78-082	Pump Manifold O-ring for 78-020 Model AP70	6
23	78-805	Pump Manifold O-ring for 78-0020 Model APS71	6
29	78-076	Inlet/Outlet Check Valve	6
30	78-075	Inlet/Outlet Check Valve O-ring for 78-020 Model AP70	6
30	78-414	Inlet/Outlet Check Valve O-ring for 78-0020 Model APS71	6
31	78-073	Check Valve Cap	3
32	78-034	Socket Head Cap Screw	12
33	78-043	Hex Head Bolt	2
34	78-047	Pump Mounting Bracket	2
35	78-431	Gas Plug O-ring	1
36	78-046	Plug Gas Threads 1/4"	1
37	78-056	Connecting Fods, Set of 3	1
38	78-055	Piston for 78-020 Model AP70	3
38	78-437	Piston for 78-0020 Model APS71	3
39	78-438	Compression Ring	3
40	78-050	Piston Sleeve for 78-020 Model AP70	3
40	78-439	Piston Sleeve for 78-0020 Model APS71	3
41	78-051	Diaphragm Bolt	3
42	78-052	Diaphragm Disc for 78-020 Model AP70	3
42	78-145	Diaphragm Disc for 78-0020 Model APS71	3
43	78-053	Diaphragm Disc for 78-020 Model AP70	3
43	78-440	Diaphragm Buna for 78-0020 Model APS71	3
44	78-049	Pivot Pin	3
45	78-048	External Snap Ring	6
46	78-089	Hex Nut	2
47	78-027	Roller Bearing	1

SDI Diaphragm Pump Model 78-0020 & 78-020

Item Number	Part Number	Description	Qty
48	78-095	Spacer Ring	1
49	78-026	Ring, Connecting Piston Rod	2
50	78-025	External Snap Ring	1
51	78-024	Ball Bearing	1
52	78-023	Crankshaft for 78-020 AP70	1
52	78-091	Crankshaft for 78-0020 Model APS71	1
53	78-022	Oil Seal	1
54	78-021	Internal Snap Ring	1
55	78-068	Oil Reservoir Cap	1
56	78-069	Cap O-ring	1
57	78-070	Plastic Oil Reservoir	1
58	78-072	Socket Head Cap Screw	2
59	78-333	Flatwasher	2
60	78-071	Oil Reservoir O-ring	1
61	78-058	Pulsation Damper Body Adapter O-ring	1
62	78-059	Pulsation Damper Body Adapter	1
63	78-060	Pulsation Damper Body	1
64	78-061	Pulsation Damper Diaphragm Support	1
65	78-062	Pulsation Damper Diaphragm	1
66	78-063	Pulsation Damper Cover	1
67	78-064	Air Valve Washer	2
68	78-065	Air Valve	1
69	78-066	Hex Head Bolt	8
70	78-067	Hex Nut	8
71	78-761	Pulsation Damper Assembly	1
72	78-028	Pump Crank Case	1
	78-092	Pump Repair Kit for 78-0020 Model APS 71 Pump Consists of the following:	
	78-082	Pump Manifold O-ring 78-020 AP70	6
	78-076	Inlet/Outlet Check Valve	6
	78-414	Inlet/Outlet Check Valve O-ring 78-0020 APS71	6
	78-440	Buna Diaphragm	3
	78-062	Pulsation Damper Diaphragm	1
		Other Miscellaneous Items:	
14	78-03331	Plastic Pump Flange Gasket-78-033 Flange	1
14	78-03333	O-ring Outer, Viton, 78-033 Flange	1
14	78-03334	O-ring Inner, Viton, 78-033 Flange	1



SDI Diaphragm Pump
Part No. 78-0020AP

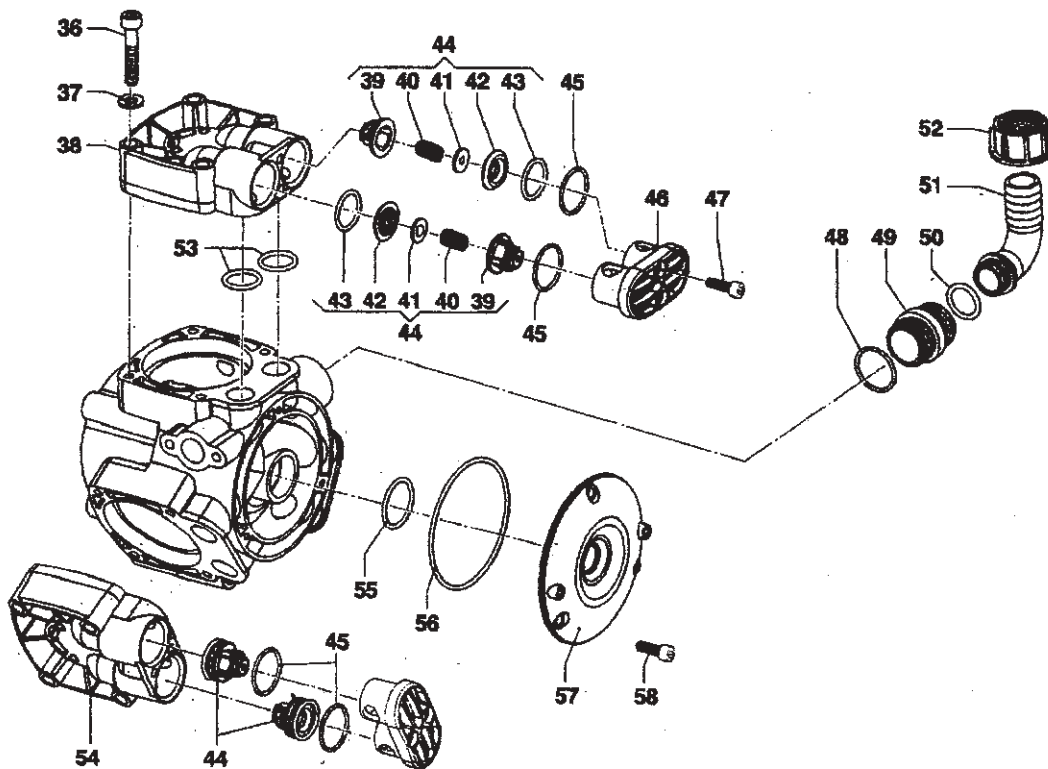
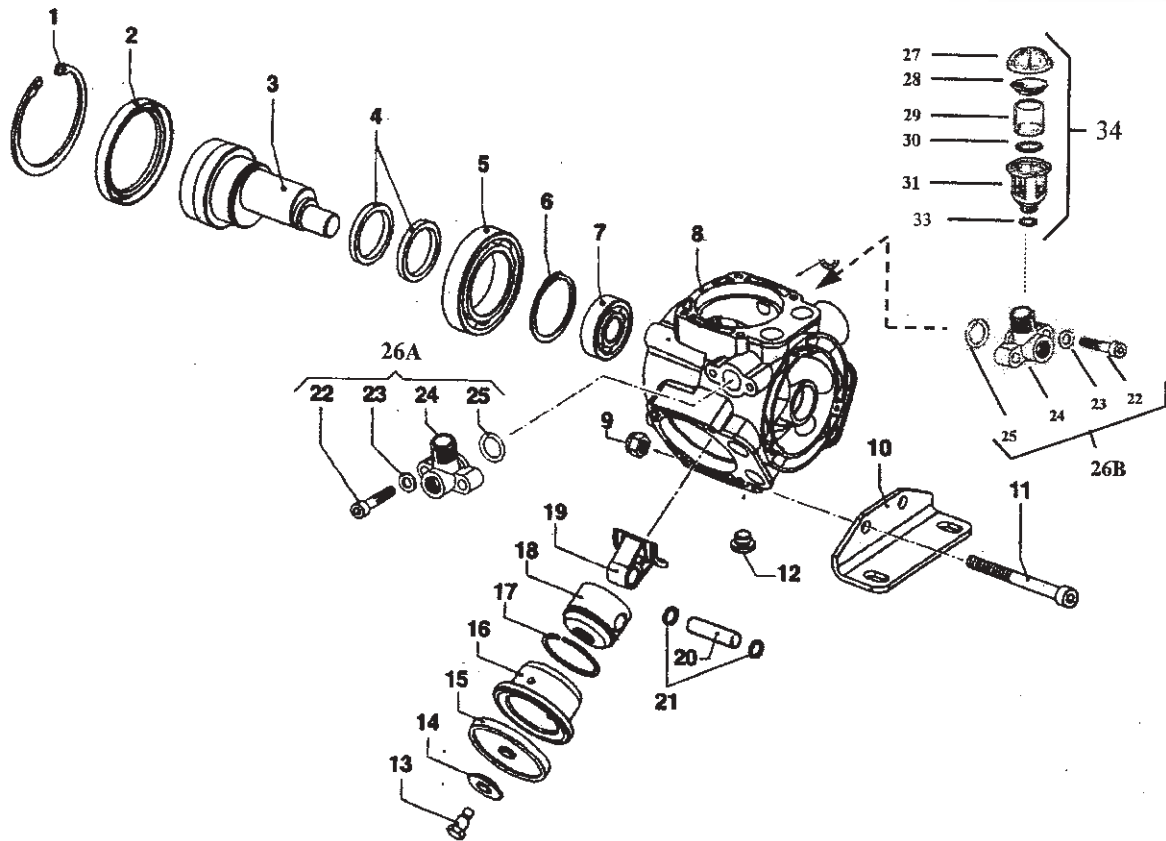
PI181/0909jj

SDI Diaphragm Pump Model 78-0020AP

Item Number	Part Number	Description	Qty
1	78-038	Wing Nut 1-1/2"	1
2	78-039	Hose Barb Elbow 1-1/2"	1
3	78-815	Inlet Elbow O-ring	1
4	78-041	Pump Inlet Adapter	1
5	78-042	Pump Inlet Adapter O-ring	1
6	78-037	Safety Valve Assembly	1
12	78-036	Tee Fitting	1
13	78-034	Socket Head Cap Screw	6
14	78-033	Pump Crank Case Flange	1
15	78-032	Front Flange O-ring	1
16	78-031	Front Flange O-ring	1
17	78-030	Front Flange O-ring	1
18	78-029	Shaft Oil Seal	1
20	78-424	Socket Head Cap Screw	12
21	78-084	Flatwasher	11
22	78-421	Pump Manifold	3
23	78-805	Pump Manifold	6
29	78-076	Inlet/Outlet Check Valve	6
30	78-414	Inlet/Outlet Check Valve O-ring	6
31	78-073	Check Valve Cap	3
32	78-034	Socket Head Cap Screw	12
33	78-043	Hex Head Bolt	2
34	78-047	Pump Mounting Bracket	2
35	78-431	Gas Plug O-ring	1
36	78-046	Plug Gas Threads 1/4"	1
37	78-056	Connecting Fods, Set of 3	1
38	78-437	Piston	3
39	78-438	Compression Ring	3
40	78-439	Piston Sleeve	3
41	78-051	Diaphragm Bolt	3
42	78-145	Diaphragm Disc	3
43	78-440	Diaphragm Buna	3
44	78-049	Pivot Pin	3
45	78-048	External Snap Ring	6
46	78-905	Hex Nut	2
47	78-027	Roller Bearing	1
48	78-095	Spacer Ring	1
49	78-026	Ring, Connecting Piston Rod	2
50	78-025	External Snap Ring	1
51	78-024	Ball Bearing	1
52	78-090	Crankshaft	1
53	78-022	Oil Seal	1

SDI Diaphragm Pump Model 78-0020AP

Item Number	Part Number	Description	Qty
54	78-021	Internal Snap Ring	1
55	78-068	Oil Reservoir Cap	1
56	78-069	Cap O-ring	1
57	78-070	Plastic Oil Reservoir	1
58	78-072	Socket Head Cap Screw	2
59	78-333	Flatwasher	2
60	78-071	Oil Reservoir O-ring	1
61	78-058	Pulsation Damper Body Adapter O-ring	1
62	78-059	Pulsation Damper Body Adapter	1
63	78-060	Pulsation Damper Body	1
64	78-061	Pulsation Damper Diaphragm Support	1
65	78-062	Pulsation Damper Diaphragm	1
66	78-063	Pulsation Damper Cover	1
67	78-064	Air Valve Washer	2
68	78-065	Air Valve	1
69	78-066	Hex Head Bolt	8
70	78-067	Hex Nut	8
71	78-761	Pulsation Damper Assembly	1
72	78-028	Pump Crank Case	1
	78-092	Pump Repair Kit consists of the following:	
	78-082	Pump Manifold O-ring	6
	78-076	Inlet/Outlet Check Valve	6
	78-414	Inlet/Outlet Check Valve O-ring	6
	78-440	Buna Diaphragm	3
	78-062	Pulsation Damper Diaphragm	1



SDI Diaphragm Pump
Part No. 78-00111

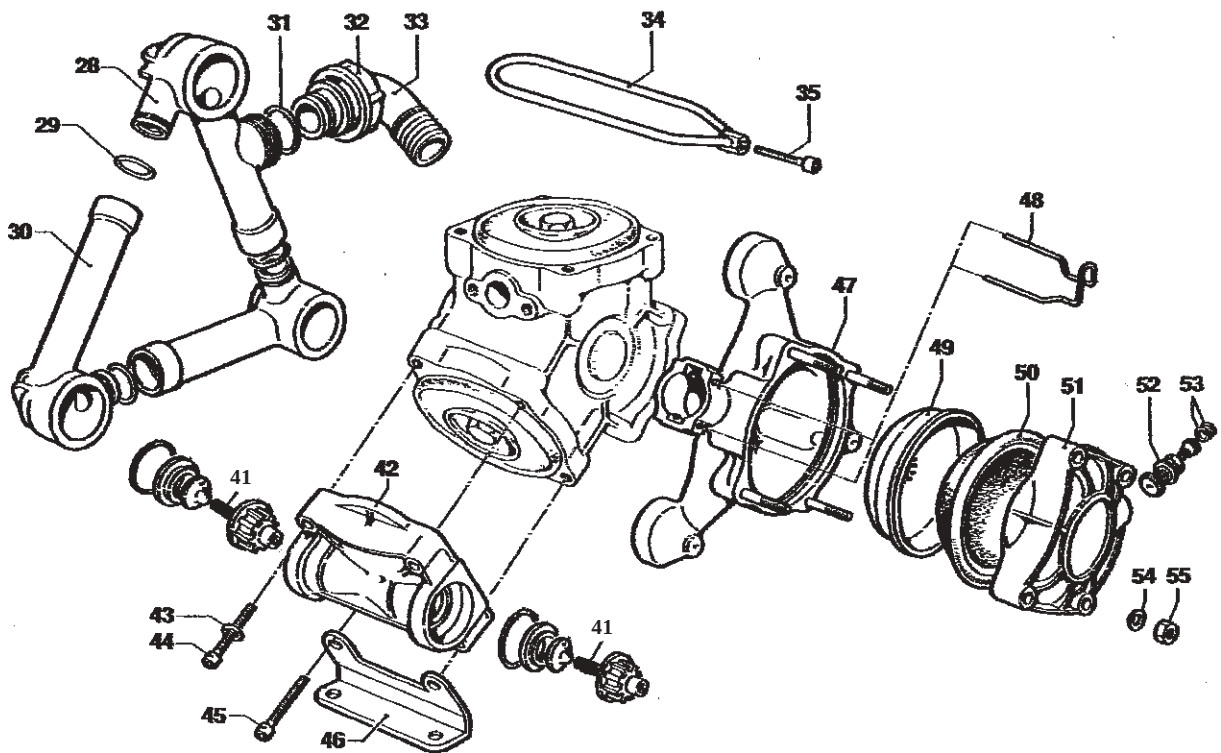
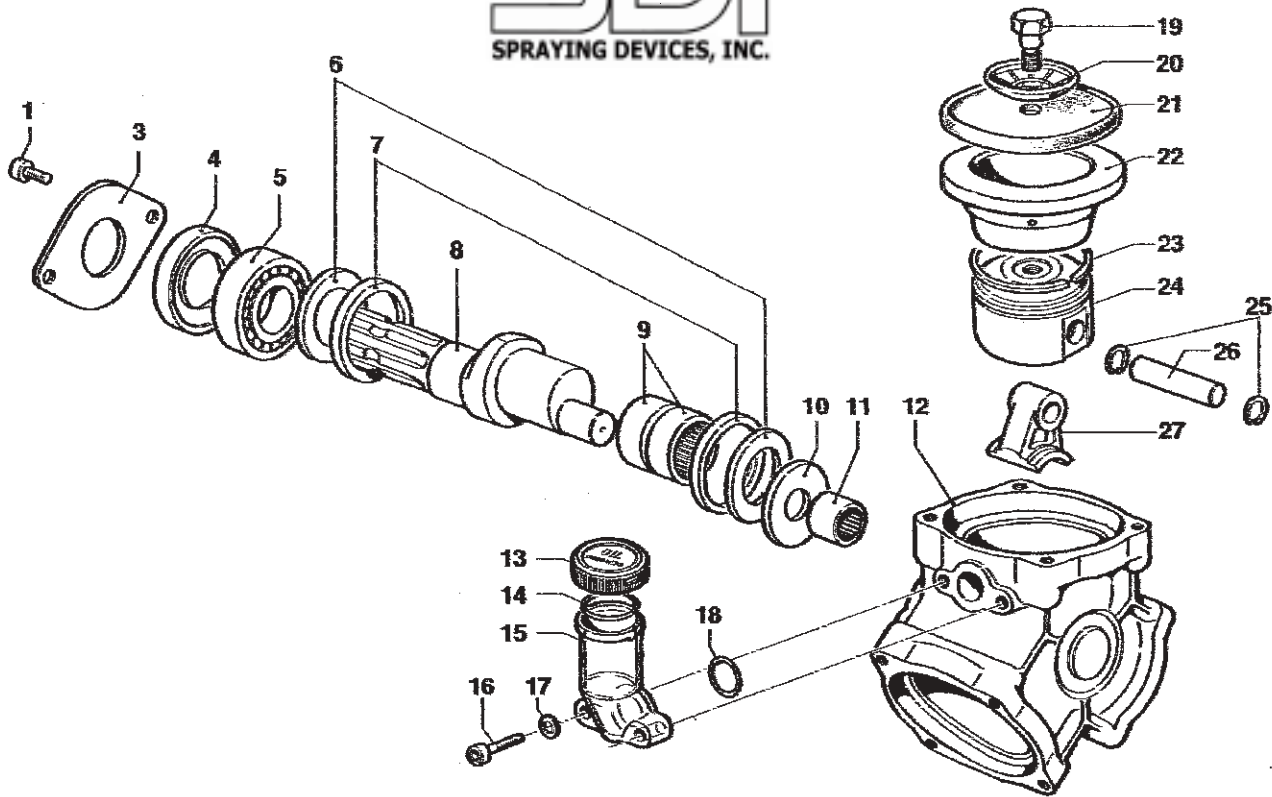
PI12/05/rev 1 4/12jh

SDI Diaphragm Pump Model 78-00111

Item Number	Part Number	Description	Qty
1	78-021	Retaining Clip	1
2	78-022	Oil Seal	1
3	78-901	Shaft	1
4	78-902	Connecting Rod Ring	3
5	78-024	Bearing	1
6	78-025	Retaining Clip	1
7	78-903	Bearing	1
8	78-904	Crankcase	1
9	78-905	Nut	2
10	78-906	Feet	2
11	78-907	Screw	2
12	78-908	Oil Plug	1
13	78-306	Screw	3
14	78-305	Disc	3
15	78-304	Diaphragm	3
16	78-909	Piston Sleeve	3
17	78-562	Compression Ring	3
18	78-911	Piston	3
19	78-912	Connecting Rod	3
20	78-913	Connecting Rod Pin	3
21	78-048	Retaining Clip	6
22	78-914	Screw	2
23	78-333	Washer	2
25	78-915	O-ring	1
26A	78-916	3/4" Pump Outlet	1
26B	78-917	1/2" Outlet Sight Glass	1
27	78-609	Compensator Cover	1
28	78-608	Diaphragm	1
29	78-612	Oil Cup Holder	1
30	78-611	O-ring	1
31	78-610	Compensator	2
33	78-853	O-ring	1
34	78-944	Oil Sight Glass	1
34	78-945	Oil Sight Glass Kit-to replace plastic oil glass to aluminum oil glass	1
36	78-919	Screw	12
37	78-333	Washer	12
38	78-920	Right Manifold	2
39	78-921	Valve Cage	6
40	78-922	Spring	6
41	78-923	Valve Plug	6
42	78-924	Valve Seat	6
43	78-925	O-ring	6
44	78-926	Valve Assembly	6

SDI Diaphragm Pump Model 78-00111

Item Number	Part Number	Description	Qty
45	78-927	O-ring	6
46	78-928	Plug	3
47	78-929	Screw	12
48	78-941	O-ring	1
49	78-930	Nipple	1
50	78-931	O-ring	1
51	78-932	Hose Barb	1
52	78-933	Wing Nut	1
53	78-931	O-ring	6
54	78-935	Left Manifold	1
55	78-936	O-ring	1
56	78-433	O-ring	1
57	78-937	Flange	1
58	78-929	Screw	3
	78-940	Repair Kit includes the following:	
	78-144	Diaphragm	3
	78-926	Valve	6
	78-927	O-ring	6
	78-934	O-ring	6



SDI Diaphragm Pump
Part No. 78-0030

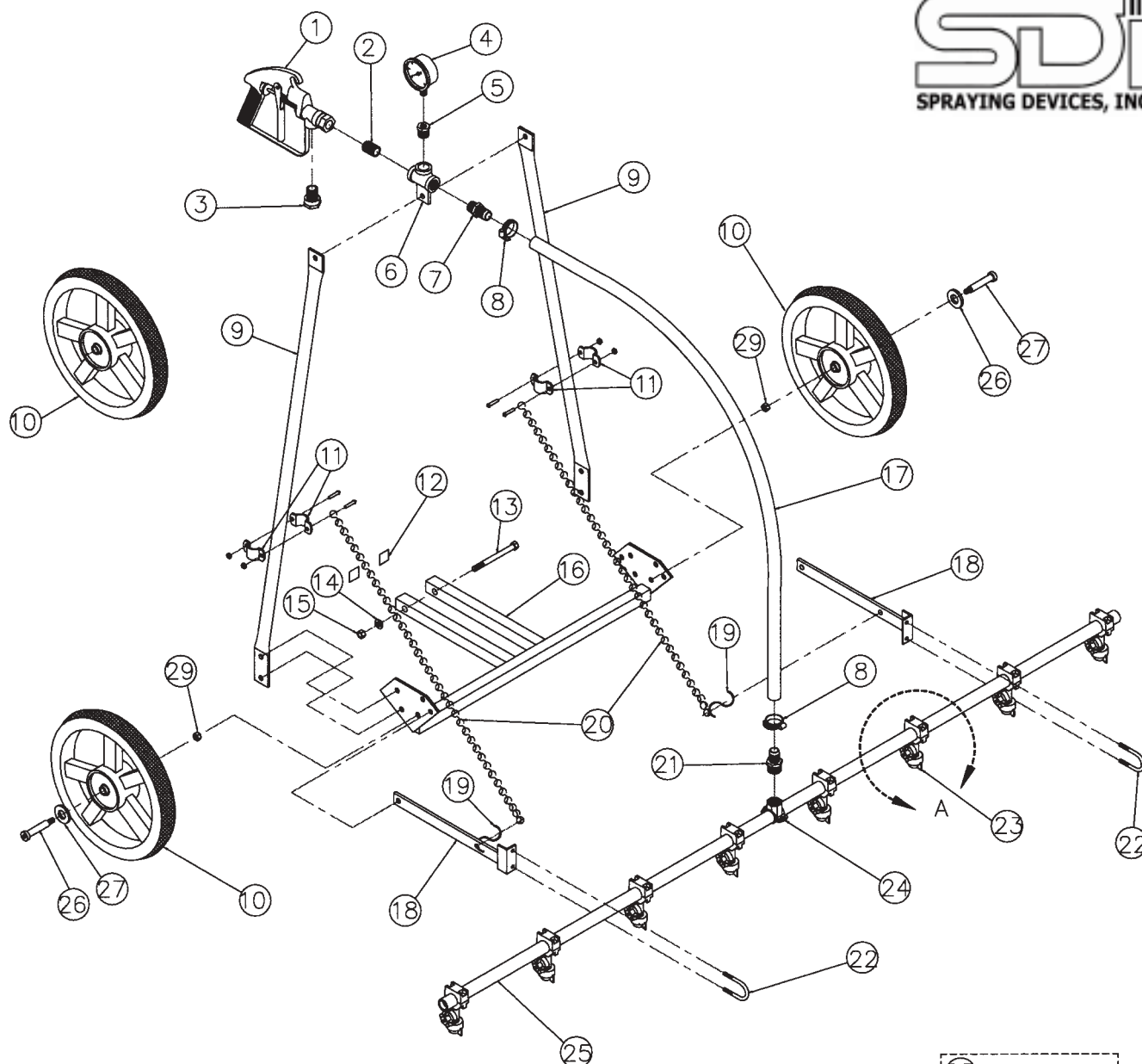
PI11/39-13

SDI Diaphragm Pump Model 78-0030

Item Number	Part Number	Description	Qty
1	78-661	Screw	2
3	78-662	Flange	1
4	78-663	Oil Seal	1
5	78-664	Ball Bearing	1
6	78-134	Connecting Rod Washer	2
7	78-133	Connecting Rod Ring	2
8	78-665	Shaft 1-3/8" Splined	1
9	78-137	Roller Bearing	2
10	78-138	Connecting Rod Washer	1
11	78-139	Roller Bearing	1
12	78-101	Pump Crankcase	1
13	78-068	Oil Fill Cap Cover	1
14	78-069	O-ring	1
15	78-096	Oil Cup	1
16	78-914	Screw	2
17	78-666	Washer 8.4 x 15 x 1.6m	2
18	78-309	O-ring	1
19	78-051	Screw	3
20	78-667	Disc	3
21	78-144D	Diaphragm	3
22	78-668	Piston Sleeve	3
23	78-669	Piston Compression Ring	3
24	78-670	Piston	3
25	78-143	Rod Pin Retainer	6
26	78-142	Connecting Rod Pin	3
27	78-140	Connecting Rod Assembly	1
28	78-671	Suction Tube	1
29	78-805	O-ring	3
30	78-672	Manifold Tube	2
31	78-815	O-ring	1
32	78-038	Wing Nut	1
33	78-673	Suction Elbow 1-1/2"	1
34	78-112	U-Bolt	3
35	78-681	Screw	3
41	78-125	Discharge Suction Valve Assembly	6
42	78-677	Pump Manifold Head	3
43	78-084	Washer	7
44	78-678	Screw	8
45	78-678	Screw	4
46	78-679	Pump Mount Kit	2
47	78-103	Pressure Accumulator	1
48	78-301	Retaining Clip	1
49	78-061	Diaphragm Support	1

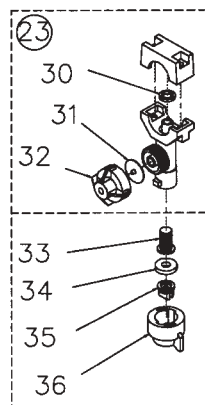
SDI Diaphragm Pump Model 78-0030

Item Number	Part Number	Description	Qty
50	78-062	Diaphragm	1
51	78-680	Pressure Accumulator Head	1
52	78-065	Valve	1
53	78-064	Gasket	2
54	78-084	Washer	4
55	78-682	Nut	4
		<i>The following part is not illustrated:</i>	
	78-365	Hydraulic Flange	1



**Note: Item #23 includes
Item Numbers 30, 31
and 32 only**

**Items 33, 34, 35 and 36
must be ordered
separately.**



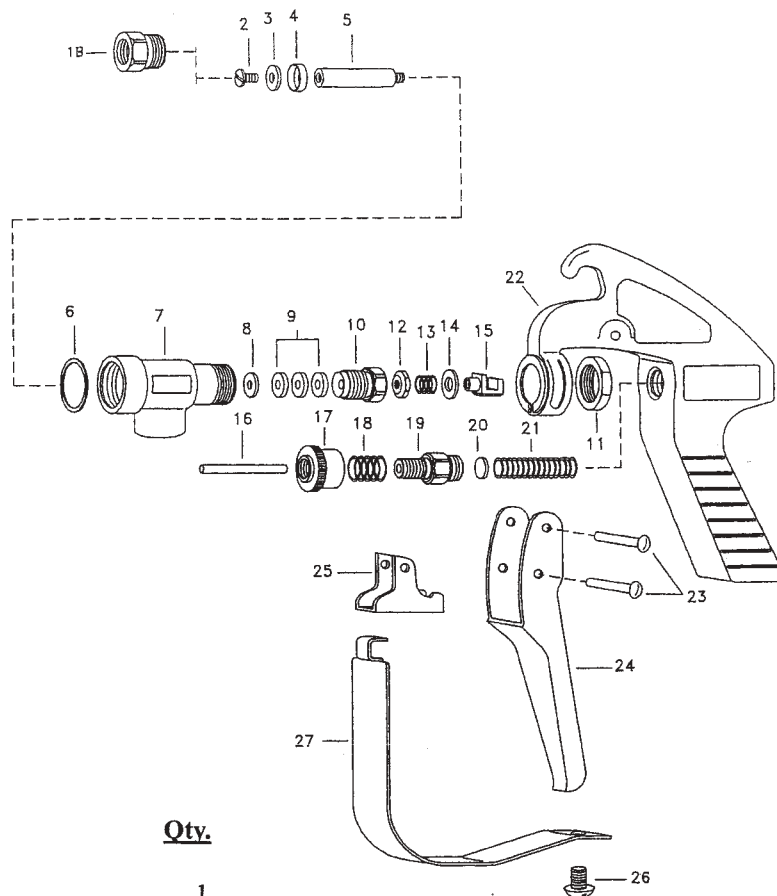
Detail A

**SDI Turf Walker Spray
Boom, Model WB6.5/10**

PI303/1109jj

SDI Turf Walker Spray Boom

Item Number	Part Number	Description	Qty
	WB6.5/10	Turf Walker Spray Boom	
1	64-043	Spray Gun	1
2	51-401B	Close Nipple 1/2" Brass	1
3	55-104	Swivel Adapter 1/2 MPT x 3/4" FGHT	1
4	27-100	Pressure Gauge 0-100 PSI	1
5	50-460B	Bushing 1/2 x 1/4" Brass	1
6	11-071	Tee Bracket	1
7	53-093	Adapter 1/2 MPT x 3/4" HB	1
8	24-110	Hose Clamp #10	2
9	11-072	Tubing Frame	2
10	80-029	Five Spoke Wheel 12-1/2 x 1/2" Bore	3
11	64-280	Split Eyelet Clamp	4
12	52-588	End Cap 1" Square	2
13	34-119	Hex Bolt 1/2 x 5"	1
14	42-104	Flatwasher 1/2"	1
15	41-514	Lock Nut 1/2"	1
16	11-069	Frame	1
17	21-093	Hose 3/4" ID 200 PSI, Per Foot	Specify
18	11-073-1	Mounting Bracket, Tube to Axle	2
19	69-238	S-Hook	2
20	69-910	Sash Chain, Per Foot	Specify
21	52-110	Adapter 1/2 FPT x 3/4" HB	1
22	47-103	U-Bolt	2
23	64-411	Spray Nozzle	8
24	52-418	Pipe Saddle Assembly, Brass	1
25	51-672	Boom Tube	1
26	48-047	Shoulder Bolt 1/2 x 2-1/4"	2
27	42-104	Flatwasher 1/2"	2
29	41-513	Lock Nut 3/8" SST	2
30	64-416	O-ring	8
31	64-414	Diaphragm	8
32	64-415	Check Valve	8
33	64-403	Strainer Screen	8
34	64-404	Gasket	8
35	64-643	Tip TP8003VP Polymer	8
36	64-406	Black Cap	8
37	81-073	Speedometer kit	1



Item No.	Part No.	Description	Qty.
1B	64-6866-1/2	#43C 1/2 Pipe Adapter	1
●2	N/A	32 x 3/8" Screw, Stainless Steel	6
●3	N/A	Teflon Seat Plate	1
●4	N/A	Seat Holder, Brass or Aluminum	1
●5	N/A	Stainless Steel Stem, Type 416	1
**6	Z-CP7079AL	Aluminum Adapter Gasket	1
7	64-873	Inlet Body, Brass or Aluminum	1
**8	Z-CP6601302SS	Packing Washer Type 302 Stainless Steel	1
●9	N/A	Leather Packing	3
**10	Z-CP19237	Packing Screw, Brass or Aluminum	1
**11	Z-CP6599	Lock Nut, Zinc Plated, Brass or Steel	1
●12	N/A	Washer, Stainless Steel, Type 302	1
●13	N/A	Trigger Stop Spring, Stainless Steel	1
●14	N/A	Washer, Steel, Zinc Plated	1
**15	Z-CP6597INP	Steel Trigger Guide, Nickel Plated	1
**16	Z-CP6591SS	Stainless Steel Spring Stud	1
**17	Z-6589IZP	Steel Stop Adj Nut, Zinc Plated	1
**18	Z-CP6594SS	Spring for Stop Adj Nut, SST	1
**19	Z-CP6588IZP	Steel Spring Screw, Zinc Plated	1
**20	Z-CP6592302SS	Spring Guide Washer Type 302 SST	1
**21	Z-CP65931SS	Stainless Steel Main Spring for 43-L	1
**22	Z-CP144771AL	Aluminum Handle Body	1
**23	Z-CP7623IZP	Steel Rivet, Zinc Plated	2
**24	Z-CP6509INP	Steel Trigger, Nickel Plated	1
**25	Z-CP6510INP	Steel Trigger Stop, Nickel Plated	1
**26	Z-CP11757INP	Steel Screw, Nickel Plated	1
**27	Z-CP13798INP	Steel Trigger Guard, Nickel Plated	1

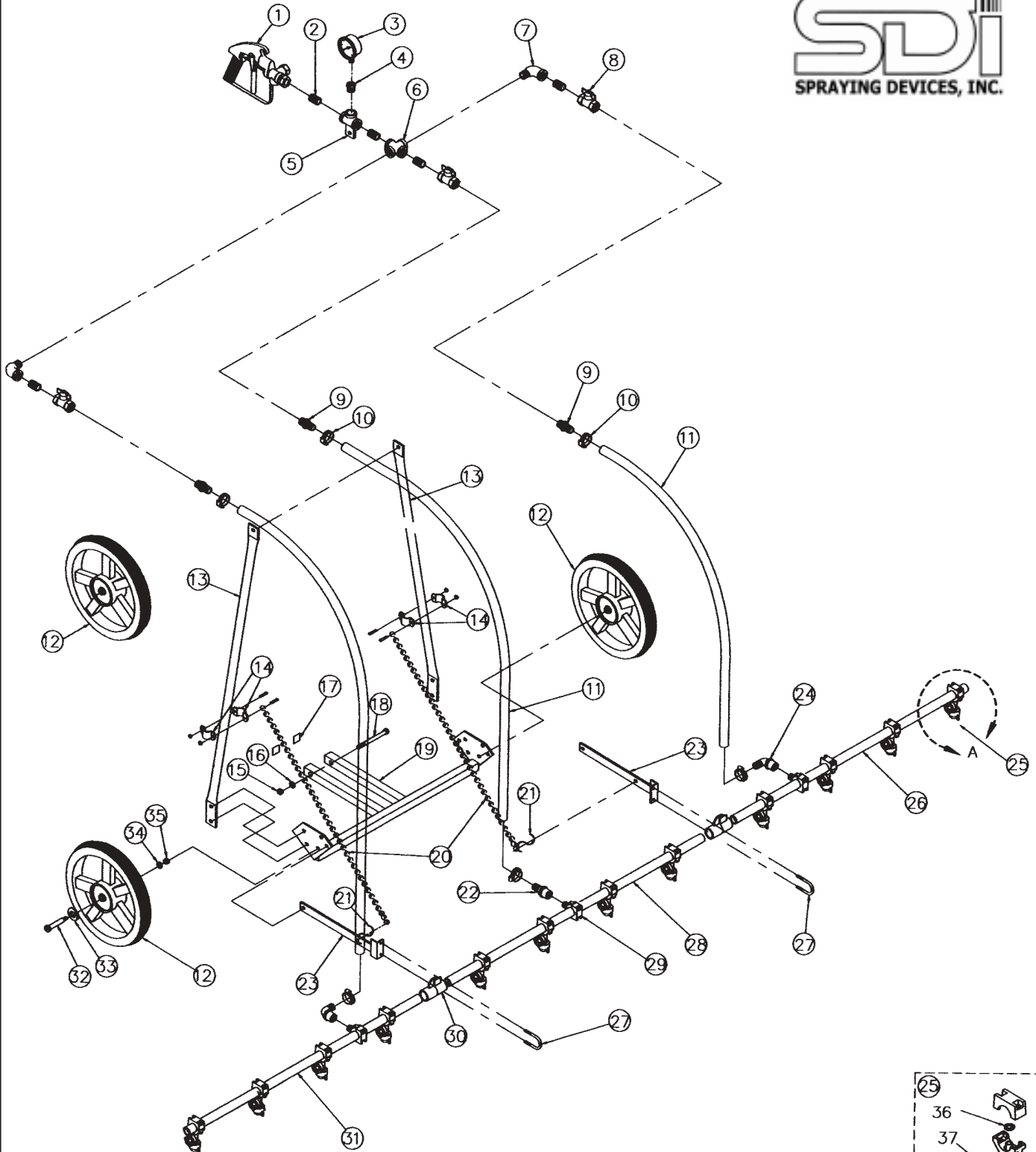
64-192SS No Longer Available
 64-6710-TEF No Longer Available
 CP6863 No Longer Available
 Z-CP6864416SS No Longer Available
 CP6602-LEA No Longer Available
 CP7709-302SS No Longer Available
 Z-CP6595SS No Longer Available
 CP7991-IZP No Longer Available

● Indicates parts available only in Repair Kit
 SDI Part #64-567

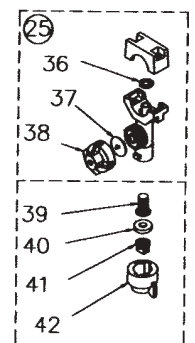
**Indicates parts available by special order only and
 are non-returnable-delivery time approximately 10
 working days after receipt of order.

**SDI Brass Spray Gun
 for Walking Spray Boom
 Part #64-043**

PI12/5/06jh



**SDI Turf Walker Spray
Boom, Model WB10/3/10**

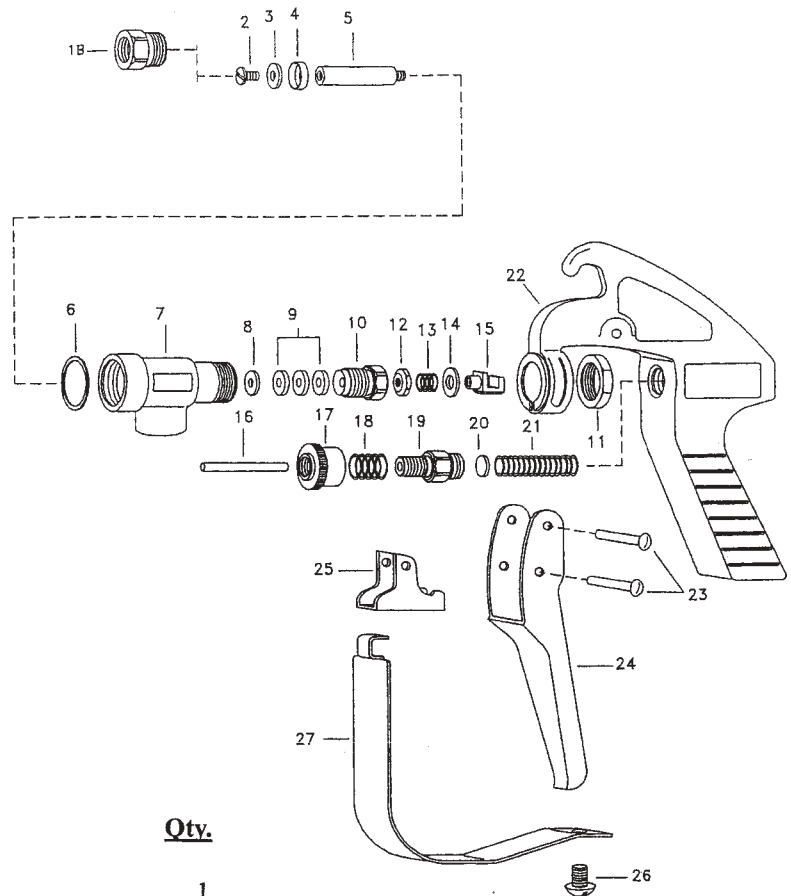


Detail A

PI304/0206jj

SDI Turf Walker Spray Boom

Item Number	Part Number	Description	Qty
	WB10/3/10	Turf Walker Spray Boom	
1	64-043	Spray Gun	1
2	51-401B	Close Nipple 1/2" Brass	1
3	27-100	Pressure Gauge 0-100 PSI	1
4	50-460B	Bushing 12 x 1/4" Brass	1
5	11-071	Tee Bracket	1
6	50-440B	Cross 1/2" Brass	2
7	50-410B	Street Elbow 1/2" Brass	1
8	60-223	Ball Valve 1/2"	3
9	55-095	Adapter 1/2 MPT x 3/4" HB Brass	3
10	24-110	Hose Clamp #10	6
11	21-930	Hose 3/4" ID 200 PSI, Per Foot	Specify
12	80-029	Five Spoke Wheel 12-1/2 x 1/2" Bore	3
13	11-072	Tubing Frame	2
14	64-280	Split Eyelet	4
15	41-514	Lock Nut 1/2"	1
16	42-104	Flatwasher 1/2"	1
17	52-588	End Cap	2
18	34-119	Hex Bolt 1/2 x 5"	1
19	11-069	Frame	1
20	69-910	Steel Sash Chain, Per Foot	Specify
21	69-238	S-Hook	2
22	52-110	Adapter 1/2 FPT x 3/4" HB	1
23	11-073-1	Mounting Bracket, Tube to Axle	2
24	53-092	Elbow Adapter 1/2 FPT x 3/4" HB	2
25	64-411	Single Nozzle Body	12
26	51-430	Left Boom Tube	1
27	47-104	U-Bolt	2
28	51-431	Center Boom Tube	1
29	52-418	Pipe Saddle	3
30	11-471	Outer Boom Hinge	2
31	51-432	Right Boom Tube	1
32	48-047	Shoulder Bolt 1/2 x 2-1/4"	2
33	42-104	Flatwasher 1/2"	2
34	43-503	Lockwasher 3/8" SST	2
35	41-503	Hex Nut 3/8" SST	2
36	64-416	O-ring	12
37	64-414	Diaphragm	12
38	64-415	Check Valve	12
39	64-403	Strainer Screen	12
40	64-404	Gasket	12
41	64-643	Tip TP8003VP, Polymer	12
42	64-406	Black Cap	12



Item No.	Part No.	Description	Qty.
1B	64-6866-1/2	#43C 1/2 Pipe Adapter	1
●2	N/A	32 x 3/8" Screw, Stainless Steel	6
●3	N/A	Teflon Seat Plate	1
●4	N/A	Seat Holder, Brass or Aluminum	1
●5	N/A	Stainless Steel Stem, Type 416	1
**6	Z-CP7079AL	Aluminum Adapter Gasket	1
7	64-873	Inlet Body, Brass or Aluminum	1
**8	Z-CP6601302SS	Packing Washer Type 302 Stainless Steel	1
●9	N/A	Leather Packing	3
**10	Z-CP19237	Packing Screw, Brass or Aluminum	1
**11	Z-CP6599	Lock Nut, Zinc Plated, Brass or Steel	1
●12	N/A	Washer, Stainless Steel, Type 302	1
●13	N/A	Trigger Stop Spring, Stainless Steel	1
●14	N/A	Washer, Steel, Zinc Plated	1
**15	Z-CP6597INP	Steel Trigger Guide, Nickel Plated	1
**16	Z-CP6591SS	Stainless Steel Spring Stud	1
**17	Z-6589IZP	Steel Stop Adj Nut, Zinc Plated	1
**18	Z-CP6594SS	Spring for Stop Adj Nut, SST	1
**19	Z-CP6588IZP	Steel Spring Screw, Zinc Plated	1
**20	Z-CP6592302SS	Spring Guide Washer Type 302 SST	1
**21	Z-CP65931SS	Stainless Steel Main Spring for 43-L	1
**22	Z-CP144771AL	Aluminum Handle Body	1
**23	Z-CP7623IZP	Steel Rivet, Zinc Plated	2
**24	Z-CP6509INP	Steel Trigger, Nickel Plated	1
**25	Z-CP6510INP	Steel Trigger Stop, Nickel Plated	1
**26	Z-CP11757INP	Steel Screw, Nickel Plated	1
**27	Z-CP13798INP	Steel Trigger Guard, Nickel Plated	1

64-192SS No Longer Available
 64-6710-TEF No Longer Available
 CP6863 No Longer Available
 Z-CP6864416SS No Longer Available
 CP6602-LEA No Longer Available
 CP7709-302SS No Longer Available
 Z-CP6595SS No Longer Available
 CP7991-IZP No Longer Available

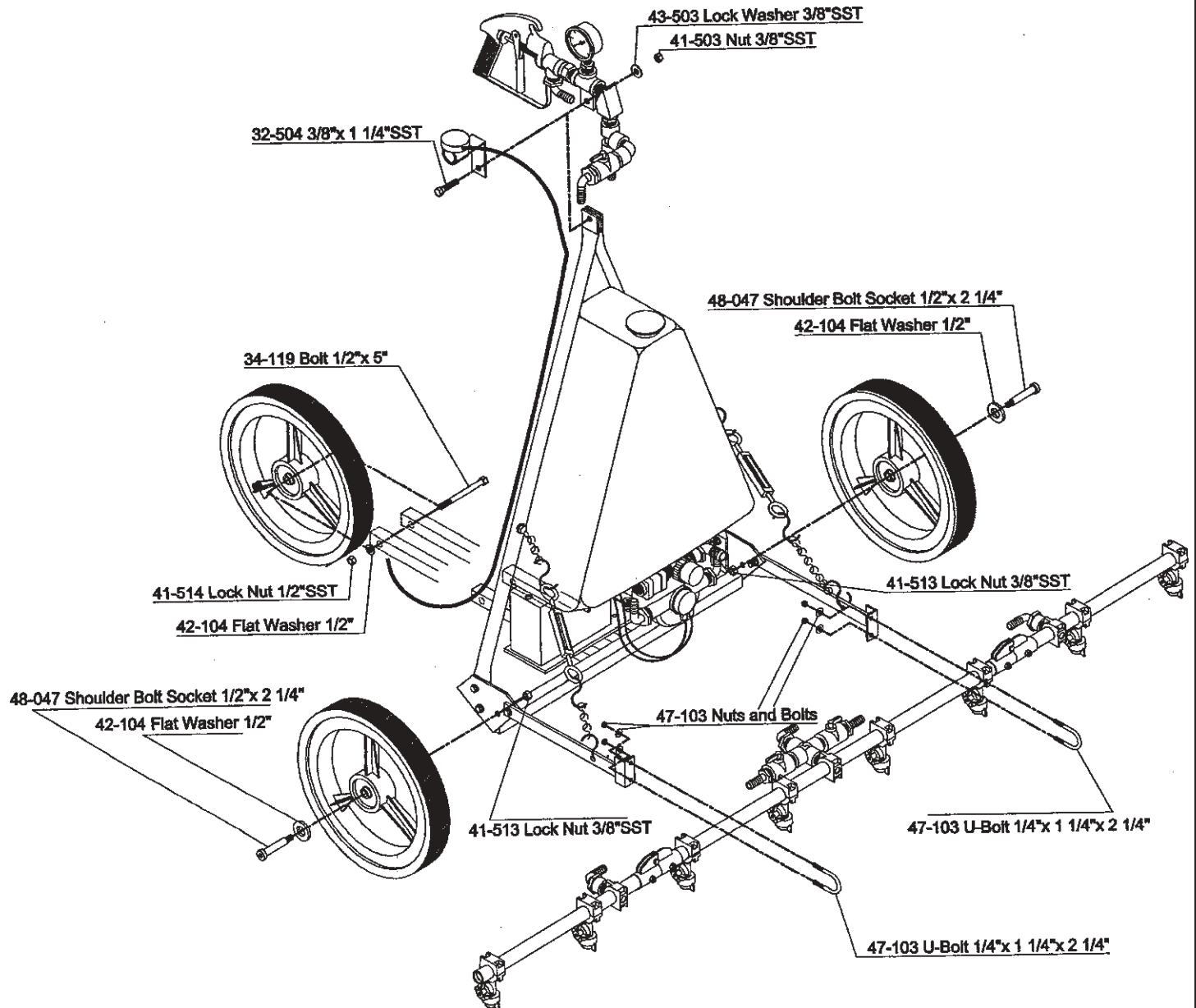
● Indicates parts available only in Repair Kit
 SDI Part #64-567

**Indicates parts available by special order only and
 are non-returnable-delivery time approximately 10
 working days after receipt of order.

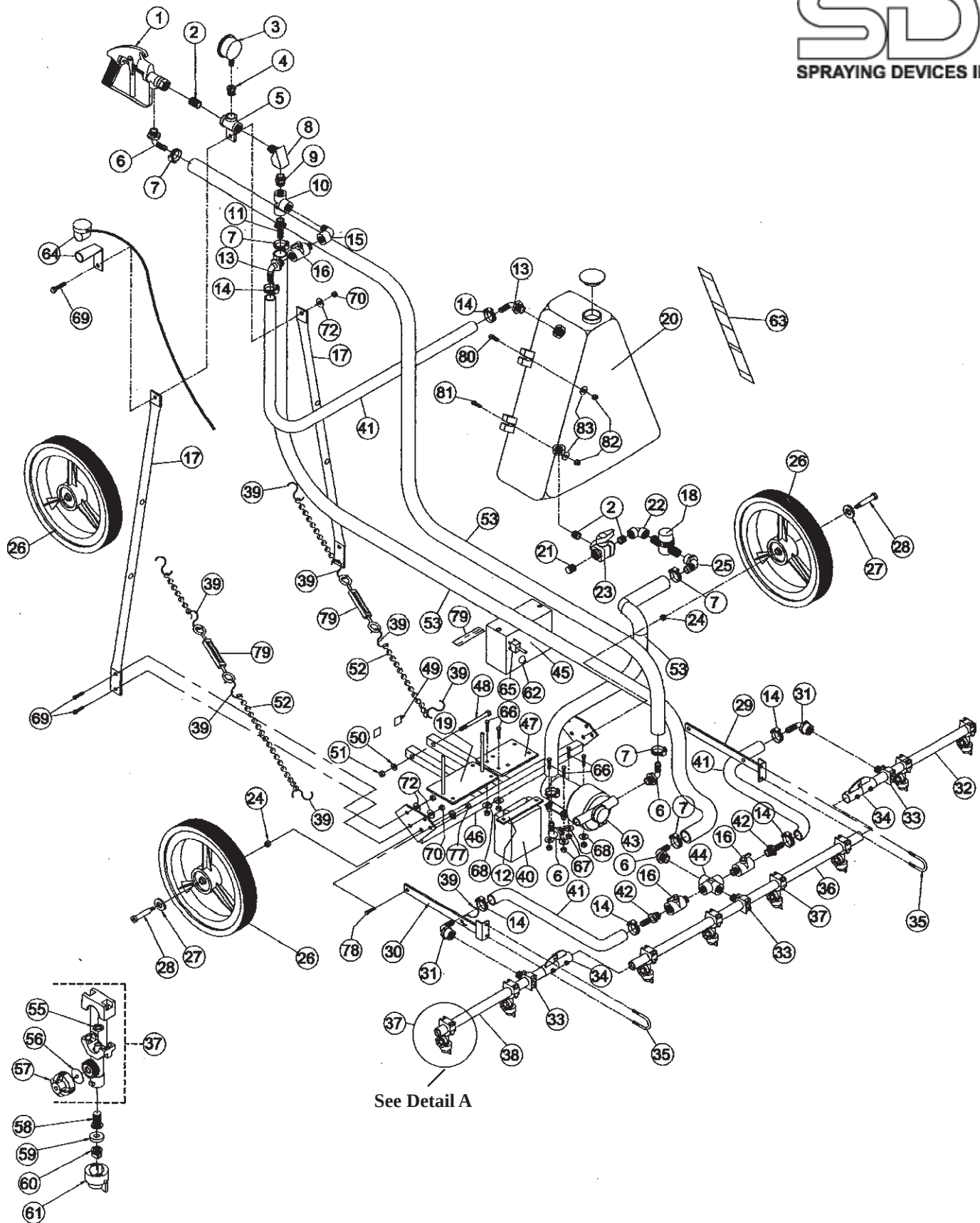
**SDI Brass Spray Gun
 for Walking Spray Boom
 Part #64-043**

PI12/5/06jh

WBSC6 Assembly Illustration



5/10/11/jj



Detail A

**SDI Self-Contained Turf
Walker, Model WBSC6**

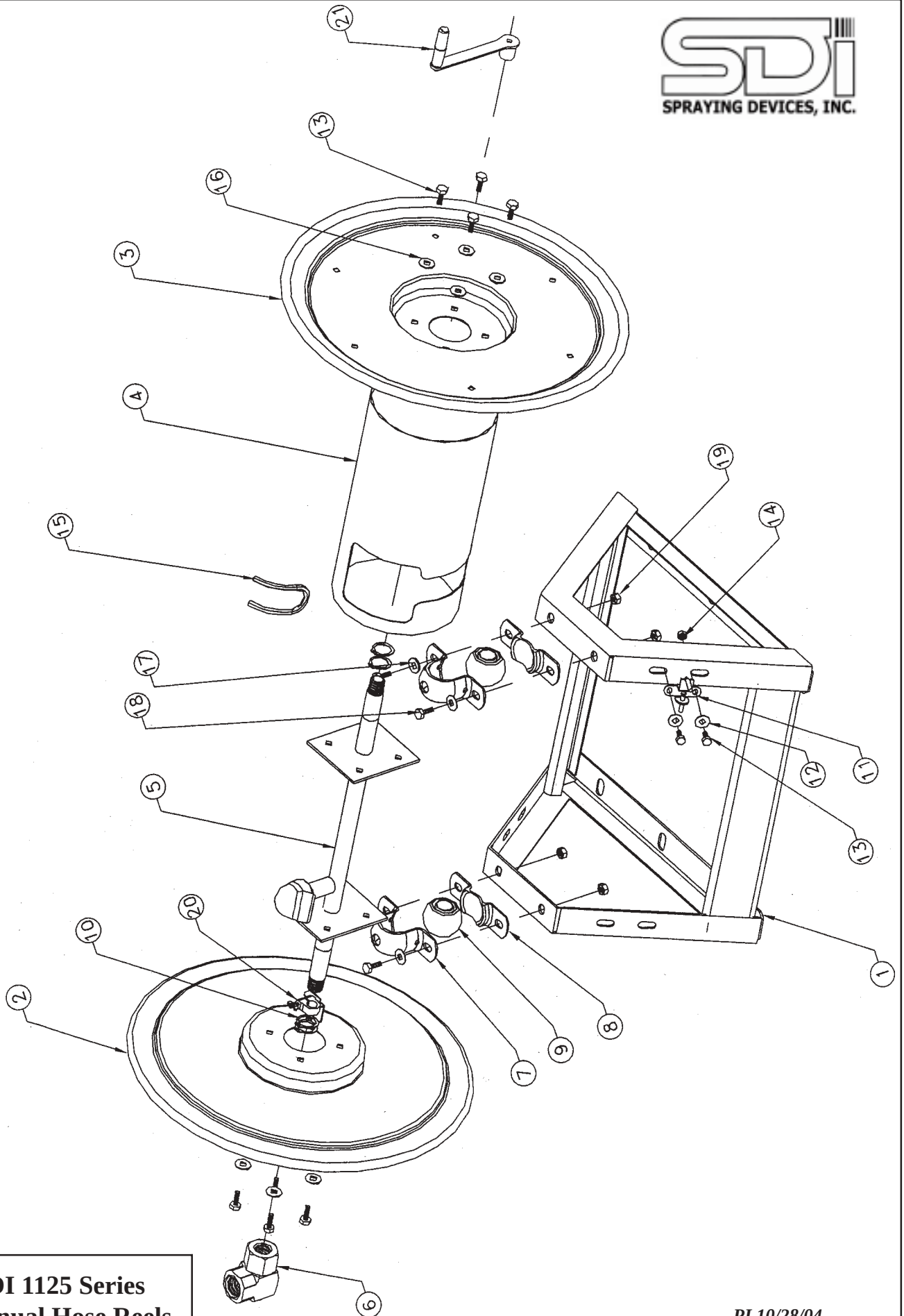
PI386/112jj/Rev 2

SDI Self-Contained Turf Walker Spray Boom

Item Number	Part Number	Description	Qty
	WBSC6	Self Contained Turf Walker Spray Boom	
1	64-043	Gunjet Spray Gun	1
2	53-901	Close Nipple 1/2 In NPT PVC	2
3	27-060	Liquid Filled Gauge 0-60 PSI	1
4	50-460B	Bushing 1/2 x 1/4 In Brass	1
5	11-071	Special Tee	1
6	52-116	Elbow Adapter 1/2 MPT x 3/4 In HB Poly	5
7	24-112SS	Hose Clamp #12 SS	6
8	50-412B	Street Elbow 1/2 In 45° Brass	1
9	M1200P	Nipple 1/2 In MPT Poly	1
10	TEE050	Tee FPT 1/2 In Poly	2
11	53-093	Adapter 1/2 MPT x 3/4 In HB Poly	1
12	11-0683	Battery Strap	1
13	53-094	Elbow Adapter 1/2 MPT x 1/2 In HB Poly	2
14	24-106SS	Hose Clamp #6 SS	4
15	SE12-P	Street Elbow 90° 1/2 MPT x 1/2 FPT	1
16	LV050MTV	Micro Valve 1/2 Female x 1/2 Male Poly	3
17	11-072	Frame Tubing	2
18	3350-0079A	Strainer Poly W/50 Mesh Screen	1
19	11-0686	Battery Mount	1
20	15-013	Poly Tank	1
21	53-884	Plug 1/2 In Poly	1
22	EL050-90	Elbow 90° FPT 1/2 x 1/2"	1
23	AA343M-3-1/2-PP	Ball Valve Assembly 3-Way Poly	1
24	41-513	Lock Nut 3/8 In SS	4
25	52-110	Adapter 1/2 FPT x 3/4" HB 90°	1
26	80-030	Tire and Wheel 14 In W/2 In Hub	3
27	42-104	Flat Washer 1/2 In	2
28	48-047	Shoulder Bolt Socket 1/2 x 2-1/4	2
29	11-073L	Left Mounting Bracket Tube to Axle	1
30	11-073R	Right Mounting Bracket Tube to Axle	1
31	53-091	Elbow Adapter 1/2 FPT x 1/2 HB Poly	2
32	51-416	Left Boom Tube 17-3/4 In SS	1
33	52-418	Pipe Saddle 1/2 In MPT Poly	3
34	11-474	Hinge Boom Pipe	2
35	47-103	U-Bolt 1/4 x 1-1/4 x 2-1/4 In Plated	2
36	51-415	Center Boom Tube 36 In SS	1
37	64-411	Single Nozzle Body W/Check Valve (Includes Item 55, 56 and 57).	8
38	51-417	Right Boom Tube 17-3/4 In SS	1
39	69-238	S-Hook 1-1/4 In	4
40	79-050	Battery	1
41	K1136-1/2	Spray Hose 1/2 In Blue, Per Ft	Specify
42	53-094	Adapter 1/2 MPT x 1/2 In HB Poly	2

SDI Self-Contained Turf Walker Spray Boom

Item Number	Part Number	Description	Qty
43	20-EF5500	Pump 12 VDC 17 AMP 5.5 GPM 60 PSI	1
44	CR050	Cross 1/2 In FPT Poly	1
45	15-095	Battery Box	1
46	11-069	Axle	1
47	11-0681	Battery and Pump Mount	1
48	34-119	Hex Bolt 1/2 x 5 In	1
49	52-588	Tube Plug 10-14 Gauge Sq. 1 In	2
50	42-104	Flat Washer 1/2 In	4
51	41-514	Lock Nut 1/2 In SS	1
52	69-910	Chain Steel Sash #40, Per Foot	Specify
53	K1136-3/4	Spray Hose 3/4 Blue 250 PSI, Per Foot	Specify
55	64-416	O-ring	8
56	64-414	Diaphragm	8
57	64-415/20	Check Valve 20 PSI	8
58	64-403	Strainer Screen Nylon	8
59	64-404	Rubber Washer	8
60	64-643	Tip TP8003VPPolymer	8
61	64-406	Black Cap	8
62	72-122	Switch Boot	1
63	70-035	Sight Gauge Decal	1
64	81-073	Speedometer Kit	1
65	56-021	Switch	1
66	31-101SS	Bolt 1/4 x 1-3/4 In SS	9
67	41-101SS	Nut 1/4 In SS	6
68	43-101SS	Lock Washer 1/4 In SS	6
69	32-504	Bolt 3/8 x 1-1/4 In SS	5
70	41-503	Nut 3/8 In SS	5
72	43-503	Lock Washer 3/8 In SS	5
77	41-513	Lock Nut 3/8 In SS	2
78	32-503	Bolt 3/8 x 1 In SS	2
79	69-288	Turn Buckle 4 In	1
80	31-007	Bolt 1/4 x 2" SS	2
81	31-008	Bolt 1/4 x 2-1/4" SS	2
82	41-511	Lock Nut 1/4" SS	4
83	42-501	Flat Washer 1/4" SS	4
		<i>Item not illustrated:</i>	
	70-036	Battery Charger and Pump Decal	1
			7/1/11

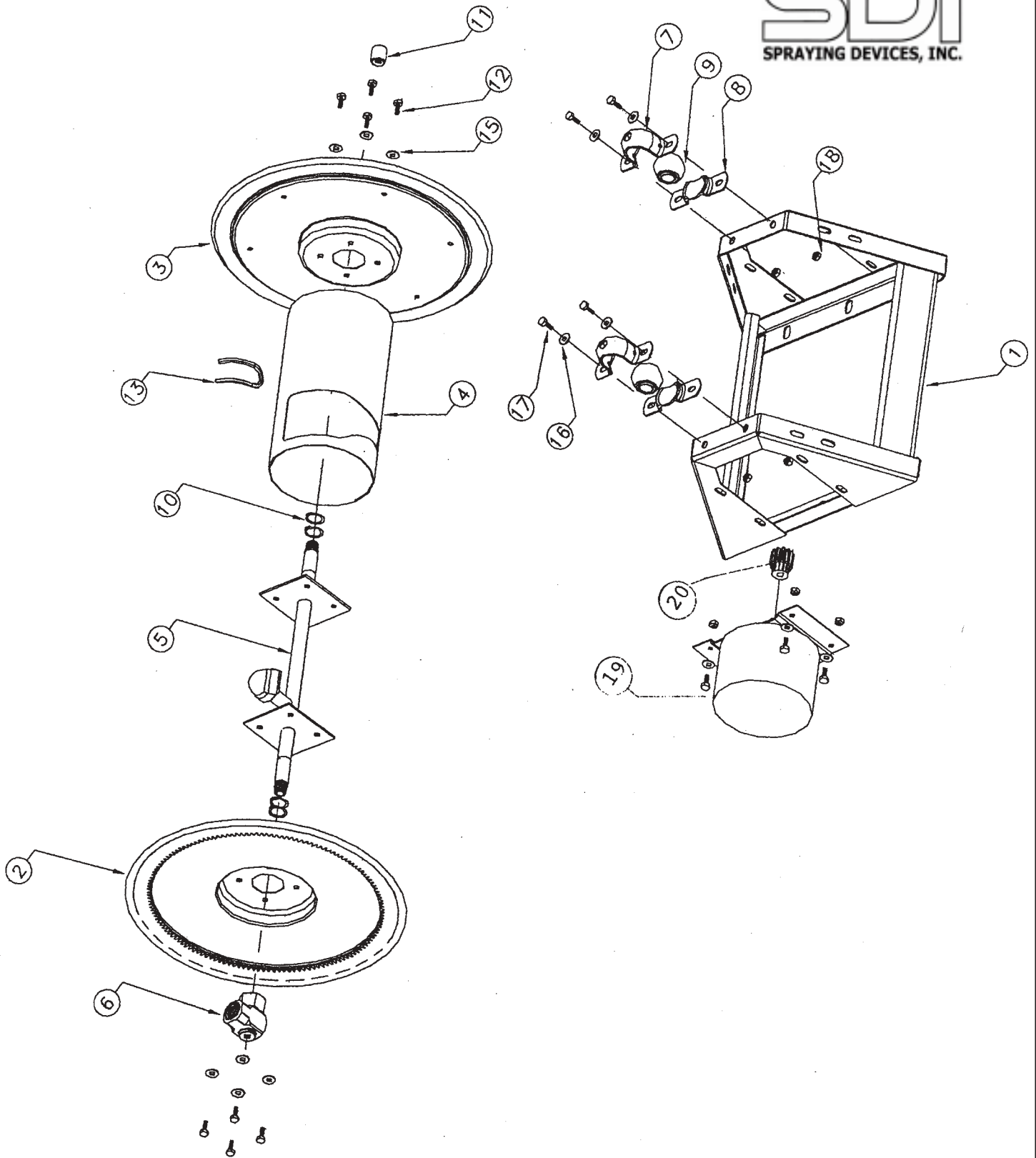


**SDI 1125 Series
 Manual Hose Reels**

PI 10/28/04

1125 Series Manual Hose Reels

Item Number	Part Number	Description	Qty
1	59-507	Frame, 1125-4-100	1
1	59-508	Frame, 1125-4-200	1
1	59-509	Frame, 1125-4-325	1
2	59-301	Disc SWV Side	1
3	59-300	Disc Crk Side	1
4	59-499	Center Drum, 1125-4-100	1
4	59-500	Center Drum, 1125-4-200	1
4	59-501	Center Drum, 1125-4-325	1
5	59-504	Axle Assembly, 1125-4-100	1
5	59-505	Axle Assembly, 1125-4-200	1
5	59-506	Axle Assembly 1125-4-325	1
6	59-205	Swivel	1
7	59-228	Pillow Block Mtg Top	2
8	59-229	Pillow Block Mtg Bottom	2
9	59-230	Bearing	2
10	59-232	Retaining Ring	4
11	59-512	Lock Pin Assembly	1
12	59-251	Flatwasher 5/16"	2
13	59-236	Bolt 5/16-18 x 3/4" Long	10
14	59-237	Locking Nut 5/16"	2
15	59-511	Trim, Per Inch	Specify
16	59-240	Lockwasher 5/16"	8
17	59-241	Flatwasher 3/8"	4
18	59-242	Bolt 3/8-16 x 1" Long	4
19	59-243	Locking Nut 3/8"	4
20	59-513	Drag Brake	1
21	59-256	Hand Crank	1

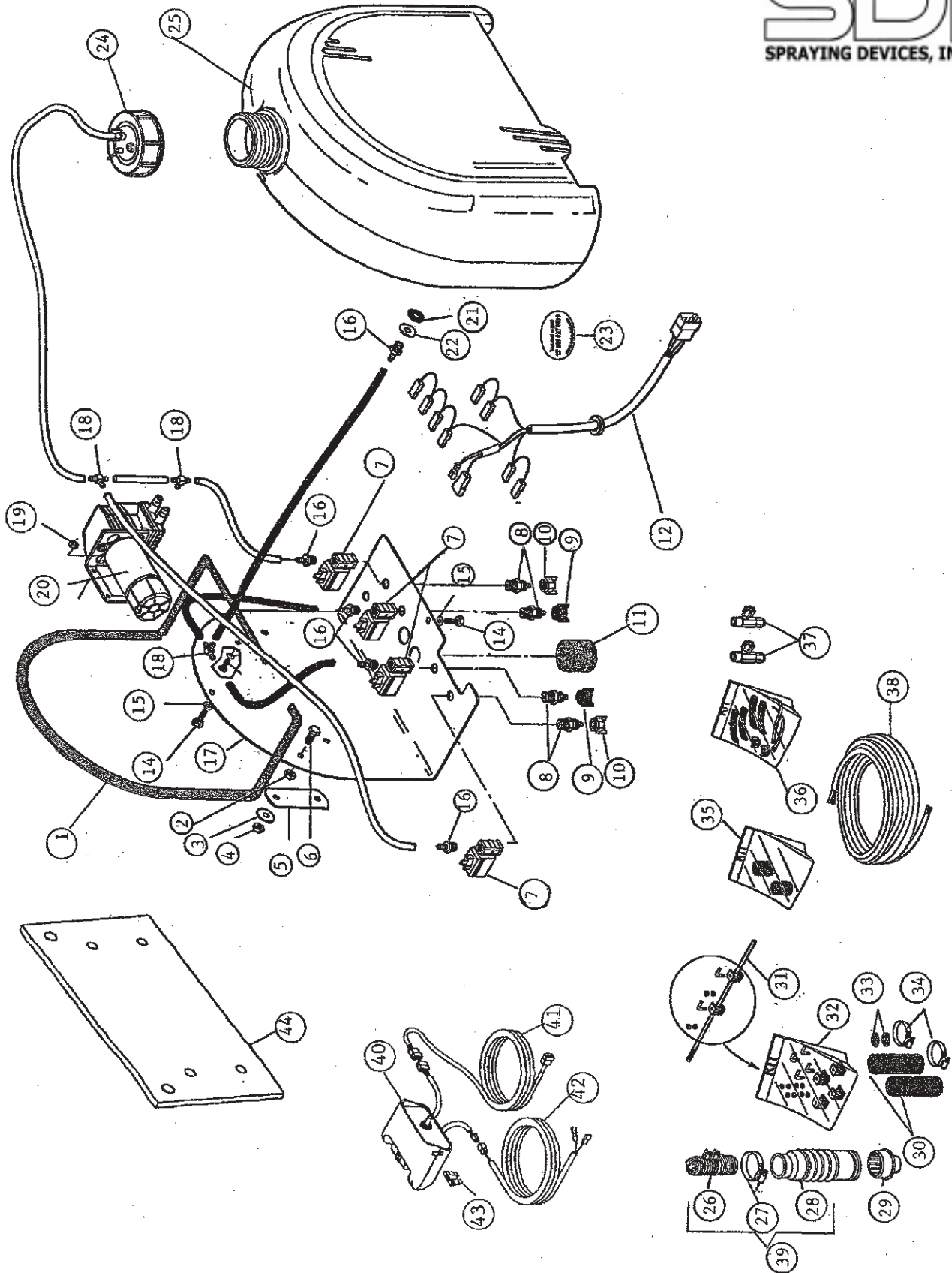


**SDI 1125 Series
 Electric Hose Reels**

PI 10/28/04

1125 Series Electric Hose Reels

Item Number	Part Number	Description	Qty
1	59-520	Frame, 1125-4-100E	1
1	59-521	Frame, 1125-4-200E	1
1	59-523	Frame, 1125-4-325E	1
2	59-302	Disc W/Gear	1
3	59-300	Disc Crk Side	1
4	59-499	Center Drum, 1125-4-100E	1
4	59-500	Center Drum, 1125-4-200E	1
4	59-501	Center Drum, 1125-4-325E	1
5	59-504	Axle Assembly, 1125-4-100E	1
5	59-505	Axle Assembly, 1125-4-200E	1
5	59-506	Axle Assembly, 1125-4-325E	1
6	59-205	Swivel	1
6	59-228	Pillow Block Mtg, Top	2
8	59-229	Pillow Block Mtg, Bottom	2
9	59-230	Bearing	2
10	59-232	Retaining Ring	4
11	59-510	Pipe Cap	1
12	59-236	Bolt 5/16-18 x 3/4" Long	8
13	59-511	Trim, Per Inch	Specify
15	59-240	Lockwasher 5/16"	8
16	59-241	Flatwasher 3/8"	4
17	59-242	Bolt 3/8-16 x 1" Long	4
18	59-243	Locking Nut 3/8"	4
19	59-247	Motor	1
20	59-305	Pinion	1
21	59-400	Pinion Key/Not Illustrated	1



**SDI Foam
Marker System**

Rev #3/272/1110jj

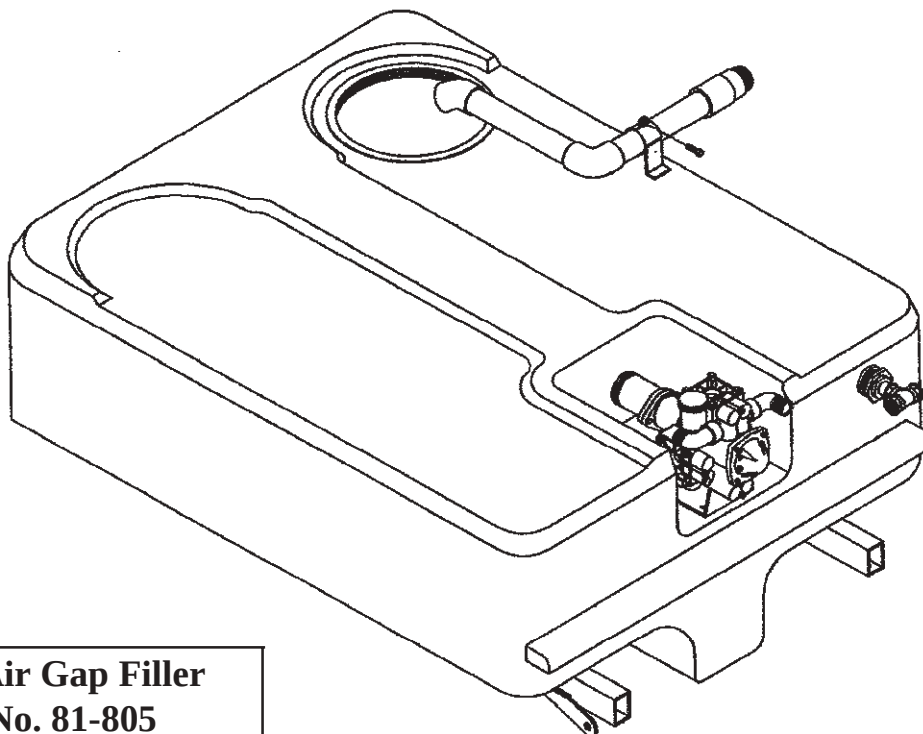
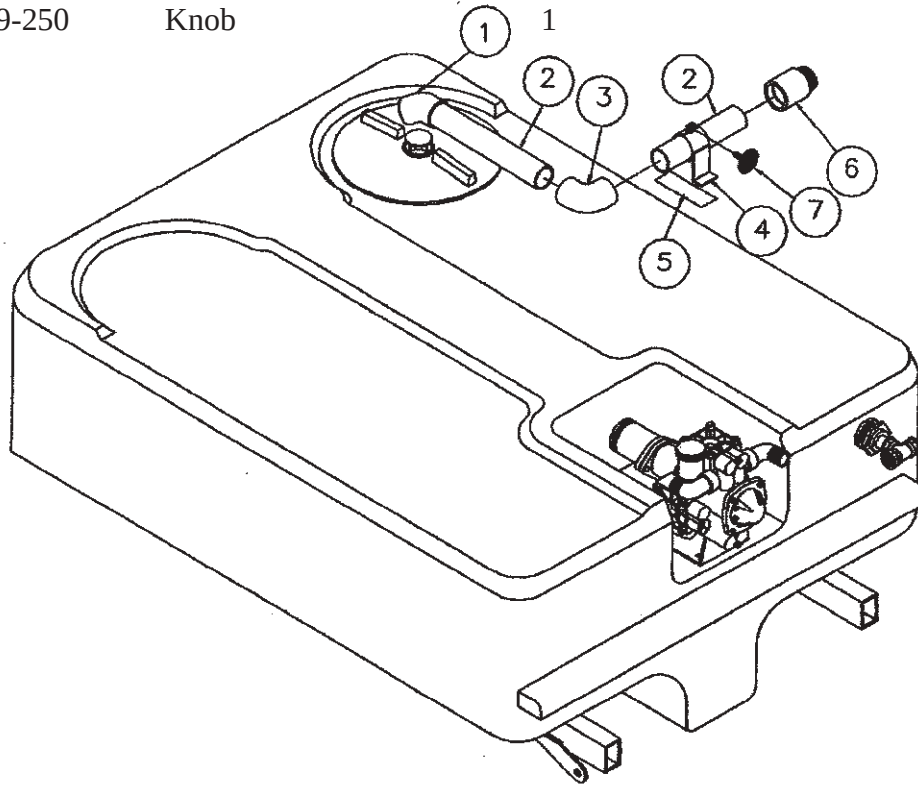
SDI Foam Marker System

Item Number	Part Number	Description	Qty
1	61-600	Rubber Gasket	1
2	61-609	Nut	1
3	61-601	Washer	4
4	61-602	Nut M/6	4
5	61-603	Plate	2
6	61-612	Screw	4
7	61-606	Solenoid	4
8	61-127	Tubing Connector 1/8", 6 x 4	6
9	61-136	Blue Fly Nut	2
10	61-133	White Fly Nut	2
11	61-193	Sponge Filter	1
12	61-232	Wiring Harness	1
14	61-116	Bolt	2
15	61-115	Washer	2
16	61-660	Hose Barb	5
17	61-607	Backing Plate	1
18	61-661	Hose Barb	3
19	61-631	Lock Nut M5	2
20	61-630	Air Compressor 12 Volt	1
21	61-624	Rubber Washer	1
22	61-625	Washer	1
23	61-616	Decal	1
24	61-632	Tank Cap	1
25	61-633	One Gallon Tank	1
26	61-172	Foam Mixer	2
27	61-145	Hose Clamp 25-40	2
28	61-199	Drop Tube	2
29	61-226	Adapter/Reducer	2
30	61-187	Sponge	2
31	61-190	Support Post	1
32	61-207	Support Post Kit	1
	64-440	<i>Vari-Clamps - not illustrated, used with 61-207</i>	4
33	61-223	Screen	2
34	61-148	Hose Clamp 32-50	2
35	61-636	Foam Kit	1
36	61-635	Accessory Kit	1
37	61-637	Flow Regulator	2
38	61-250	Air/Liquid Tubing 50 Foot Roll (16 Meters)	1
39	61-253	Foam Nozzle	2
40	61-259	Switch Box	1
40	61-260	On/Off/On Switch	1

SDI Foam Marker System

Item Number	Part Number	Description	Qty
41	61-235	Compressor Cable 15"	1
42	61-645	Power Cable	1
43	61-639	Fuse, 5 AMP	1
44	11-097-1	Mounting Plate	1

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty</u>
1	52-283	Elbow 2" x 45°	1
2	12-505	Pipe Sch 40 PVC Per Ft	2 Ft.
3	52-284	Elbow 2" x 90°	1
4	11-985	Top Bracket	1
5	11-986	Bottom Bracket	1
6	53-466	Coupling 2 x 2" x Slip	1
7	69-250	Knob	1



SDI 2" Air Gap Filler
Part No. 81-805

PI311/0711jj