



SNOW PLOW

POWER-V DXT

POWER-V DXT & MUNICIPAL POWER-V DXT PLOWS

PARTS EXPLOSION

2017-2018



WELDMENTS		
1	Coupler Assembly (82", 92" RT3) W/Pins Only	CPA04689
2	Coupler Assembly (10" RT3) W/Pins Only	CPA07964
3	Center Section (82", 92" RT3 Power-V DXT)	CHA18200-03
3	Center Section (100" RT3 Power-V DXT)	CHA17600-01
3	Push Frame (82", 92" RT3 Power-V)	TPR09708-03
3	Push Frame (100" RT3 Power-V)	TPR07678-03

BLADES		
4	Blade Half Right, 82" RT3 Power-V Steel DXT	BAR18015
4	Blade Half Right, 82" RT3 Power-V Poly DXT	BAR18090
4	Poly Skin Right, 82" RT3 Power-V DXT	BAR18087
4	Blade Half Right, 82" RT3 Power-V Stainless Steel DXT	BAR18190
4	Stainless Steel Skin Right, 82" RT3 Power-V DXT	BAR18088
4	Blade Half Right, 92" RT3 Power-V Steel DXT	BAR18055
4	Blade Half Right, 92" RT3 Power-V Poly DXT	BAR18115
4	Poly Skin Right, 92" RT3 Power-V DXT	BAR18091
4	Blade Half Right, 92" RT3 Power-V Stainless Steel DXT	BAR18195
4	Stainless Steel Skin Right, 92" RT3 Power-V DXT	BAR18093
4	Blade Half Right, 100" RT3 Power-V Steel DXT	BAR17515
5	Blade Half Left, 82" RT3 Power-V Steel DXT	BAL18005
5	Blade Half Left, 82" RT3 Power-V Poly DXT	BAL18080
5	Poly Skin Left Half Left, 82" RT3 Power-V DXT	BAL18077
5	Blade Half Left, 82" RT3 Power-V Stainless Steel DXT	BAL18180
5	Stainless Steel Skin Left, 82" RT3 Power-V DXT	BAL18078
5	Blade Half Left, 92" RT3 Power-V Steel DXT	BAL18045
5	Blade Half Left, 92" RT3 Power-V Poly DXT	BAL18105
5	Poly Skin Left, 92" RT3 Power-V DXT	BAL18081
5	Blade Half Left, 92" RT3 Power-V Stainless Steel DXT	BAL18185
5	Stainless Steel Skin Left, 92" RT3 Power-V DXT	BAL18083
5	Blade Half Left, 100" RT3 Power-V Steel DXT	BAL17505

BASE ANGLES		
6	Base Angle, Passenger Side, 82" RT3 Power-V DXT	BAR18135-03
6	Base Angle, Driver Side, 82" RT3 Power-V DXT	BAR18125-03
6	Base Angle, Passenger Side, 92" RT3 Power-V DXT	BAR18140-03
6	Base Angle, Driver Side, 92" RT3 Power-V DXT	BAL18130-03
6	Base Angle, Passenger Side, 100" RT3 Power-V DXT	BAR17570-03
6	Base Angle, Driver Side, 100" RT3 Power-V DXT	BAL17560-03

SNOW CATCHERS		
7	Snow Catcher, Passenger, 82" & 92" RT3 Power-V DXT	BAR18170-03
7	Snow Catcher, Driver, 82" & 92" RT3 Power-V DXT	BAL18160-03
7	Snow Catcher, Passenger, 100" RT3 Power-V DXT	BAR17575-03
7	Snow Catcher, Driver, 100" RT3 Power-V DXT	BAL17560-03

CUTTING EDGES		
8	Cutting Edge Half, Formed, Passenger, 82" RT3 Power-V DXT	BAR18145-03
8	Cutting Edge Half, Formed, Driver, 82" RT3 Power-V DXT	BAL18130-03
8	Cutting Edge Half, Formed, Passenger, 92" RT3 Power-V DXT	BAR18155-03
8	Cutting Edge Half, Formed, Driver, 92" RT3 Power-V DXT	BAL18165-03
8	Cutting Edge Half, Formed, Passenger, 100" RT3 Power-V DXT	BAR17590-03
8	Cutting Edge Half, Formed, Driver, 100" RT3 Power-V DXT	BAR17580-03
9	Carriage Bolt Set (82" & 92" RT3 Power-V)	BAX500066
9A	Includes: (10) Carriage Bolts 5/8" - 11 X 2" Grade #5 BLK ZN	
9B	(10) 5/8" Hardened Washers	
9C	(10) Lock Nuts	
9C	Carriage Bolt Set (100" RT3 Power-V DXT)	BAX17615
9C	Includes: (10) Carriage Bolts 3/4" - 10 X 2 1/2" Grade #5 BLK ZN	
9C	(10) Washer, 3/4" Flat YZN	
9C	(10) Nut, Self-Locking, 3/4" - 10 YZN	

FLOW COMPONENTS		
10	Bumper Stop, with Mounting Hardware	MSC04254
10	Includes: (1) Self-Tapping Bolt, 3/8" X 1-1/2" GR5, SERR HD, ZN	
10	(1) Bolt Plate, Center Section, RT3	
10	(1) Bumper Stop, Center Section, RT3	

11	Spring Yoke (82", 92" RT3 Power-V)	MSC04200-03
11	Spring Yoke (100" RT3 Power-V DXT)	MSC17556-03
13	Plow Shoe Assembly, Cast Iron	MSC01570
13	Includes: (1) Quick Pin, 7/16"	
13	(1) Plow Shoe (1" Shaft), Cast Iron	
13	(25) Washer, 1" PLT	

15	Center Hinge Pin (82", 92" RT3 Power-V DXT)	MSC18100
15	Center Hinge Pin (100" RT3 Power-V DXT)	MSC17545
16	Light Bar Assembly (102", 92" RT3 Power-V)	LBA11111
16	Light Bar Assembly (100" RT3 Power-V)	LBA11116
17	Hydraulic Enclosure Cover (82", 92" RT3 Power-V)	CPA07129
17	Hydraulic Enclosure Cover (100" RT3 Power-V)	CPA07068
18	Spring, Extension, Trip (82", 92" RT3 Power-V)	MSC01509
18	Spring, Extension, Trip (100" RT3 Power-V DXT)	MSC17569
19	Spring, Torsion, Trip, Right Hand Wound (82", 92", 100", RT3 Power-V DXT)	BAR17551
19	Spring, Torsion, Trip, Left Hand Wound (82", 92", 100", RT3 Power-V DXT)	BAL17541
20	Spring, Wing Return (82", 92", 100", RT3 Power-V DXT)	MSC07705
21	Blade Guide Kit Set (2) W/Hardware	MSC01870
22	Blade Guide Kit, Set of (2)	MSC01562

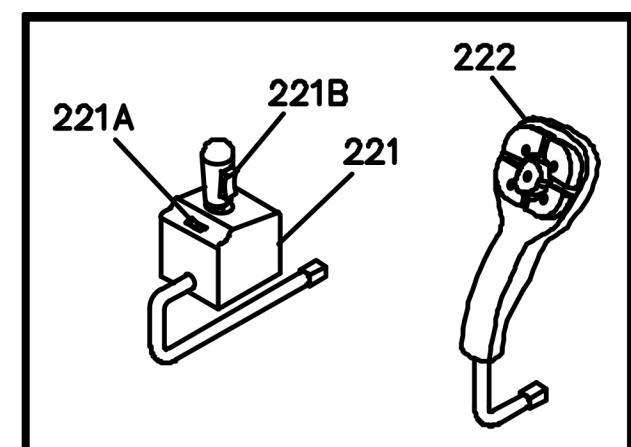
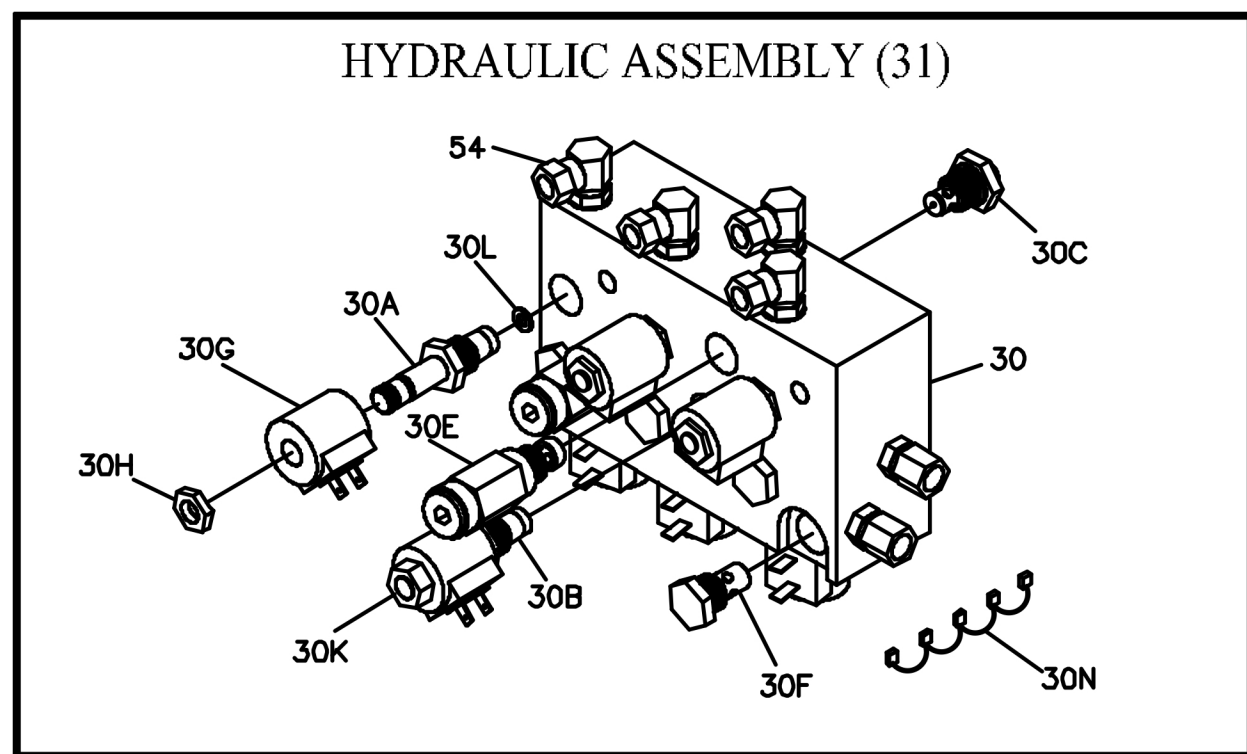
HYDRAULIC POWER UNIT		
30	Hydraulic Pump - Power Unit (82", 92" RT3 Power-V)	HYD07110
30	Hydraulic Pump - Power Unit (100" RT3 Power-V)	HYD07095
30A	Includes the Following Commonly Ordered Parts	
30A	Hydraulic Pump Filler Cap	HYD01636
30A	Hydraulic Pump Motor - Husher	HYD09328
30C	Hydraulic Reservoir Drain Plug	HYD07012
30D	Relief Valve (2,500 PSI)	HYD09365
30E	Hydraulic Reservoir, 2 qt. (76", 82", 92" RT3 Power-V)	HYD04814
30E	Hydraulic Reservoir, 3 qt. (100" RT3 Power-V)	HYD04815
30F	Seal Kit, Power Unit	HYD09366
30F	Fill Cap and Elbow Kit	MSC05078

HYDRAULIC VALVE ASSEMBLY		
31	Hydraulic Valve Assembly with SmartHitch (82", 92" RT3 Power-V)	HYD07013
31	Hydraulic Valve Assembly with SmartHitch (100" RT3 Power-V)	HYD07044
31A	Includes the Following Commonly Ordered Parts	
31A	Hydraulic Valve, Lift/Angle Cartridge	HYD01637
31B	Hydraulic Valve, SmartHitch Attach	HYD07047
31C	Hydraulic Valve, Flow Control Cartridge	HYD07048
31D	Relief Valve, V-Flow (2,800 PSI)	HYD01639
31E	Check Valve	HYD01640
31F	Coil, Hydraulic Valve	HYD01638
31H	Nut, Coil	HYD07059
31H	Nut, Coil (SmartHitch Valve)	HYD07060
31I	Orifice Disc, (0.08" ID) (HYD07092 only)	HYD07108
31N	Not Included in HYD07123	
31N	Ground Strap, Power-V	MSC08550

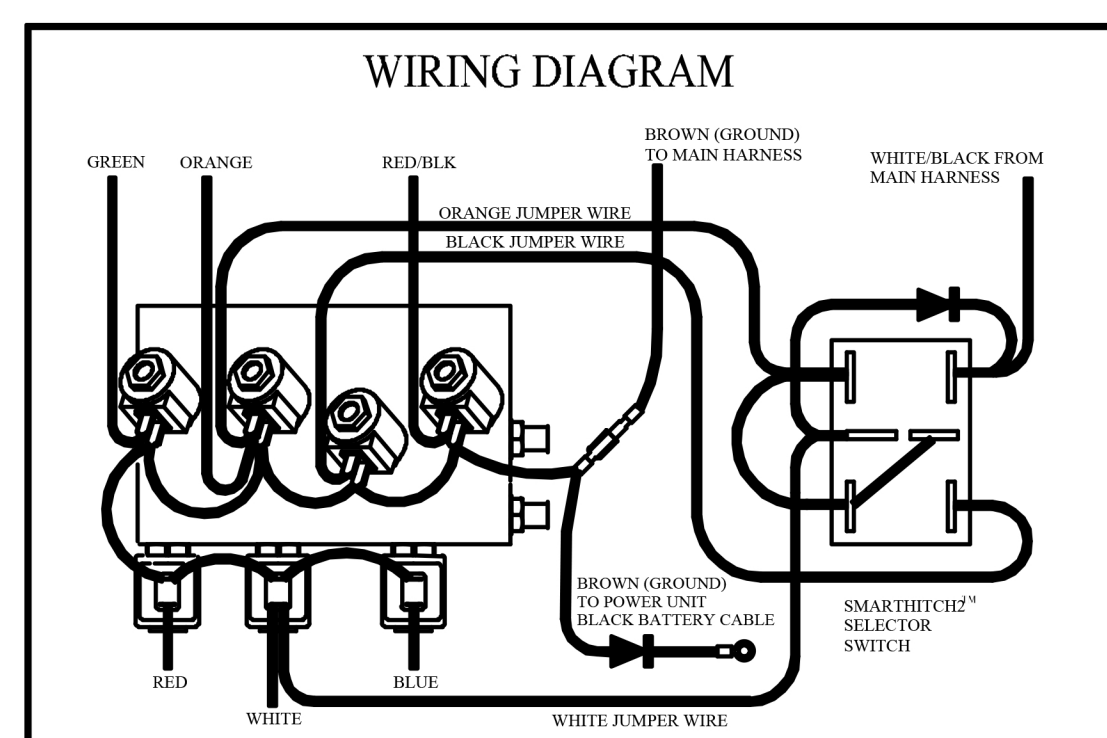
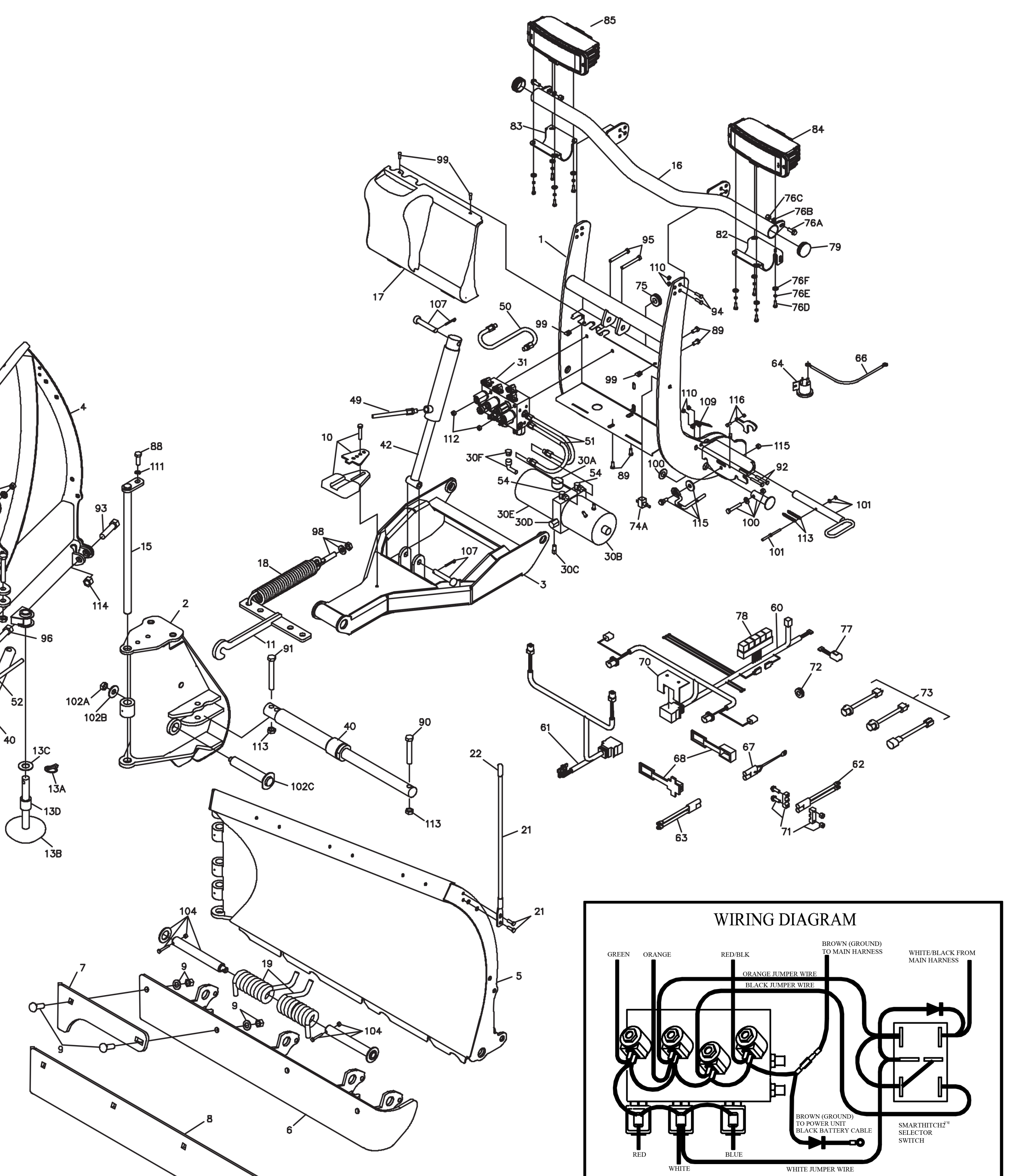
CYLINDERS & CYLINDER SEAL KITS		
40	Hydraulic SmartLock Angle Cylinder (82", 92" RT3 Power-V)	HYD09753
40	Seal Kit for Hydraulic SmartLock Angle Cylinder (HYD09753)	HYD09754
40	Hydraulic SmartLock Angle Cylinder (100" RT3 Power-V)	HYD09383
40	Seal Kit for Hydraulic SmartLock Angle Cylinder (HYD09383)	HYD09384
42	Hydraulic Lift Cylinder (82", 92" RT3 Power-V)	HYD09430
42	Seal Kit for Hydraulic Lift Cylinder (HYD09430)	HYD09431
42	Hydraulic Lift Cylinder (100" RT3 Power-V)	HYD17572
42	Seal Kit for Hydraulic Lift Cylinder (HYD17572)	HYD07686

HOSES & FITTINGS		
49	Hydraulic Hose (Left) 1/4" X 1/8" (82", 92", 100" RT3 Power-V)	HYD09922
49	Hydraulic Hose (SmartHitch) 1/4" X 1/2" (82", 92", 100" RT3 Power-V)	HYD10095
51	Hydraulic Hose (Power Unit to Manifold) 1/4" X 1/4" (82", 92", 100" RT3 Power-V)	HYD09967
52	Hydraulic Hose (Angle) 3/8" X 1/2" (82", 92", 100" RT3 Power-V)	HYD07042
54	Hydraulic Street Fitting, (Manifold) (82", 92", 100" RT3 Power-V)	HYD07015

ELECTRICAL		
60	Light and Control Harness 128" (Vehicle Side) - 13 pin, Harness Only, LED	MSC08001
61	Light and Control Harness 48" (Plow Side) - 13 pin, Harness Only, LED	MSC09417
62	Power Ground Cable 90" (Vehicle Side)	HYD01684
63	Power Ground Cable 36" (Plow Side)	HYD01680
64	Seismoid Hydraulic Pump	HYD01633
66	Battery Cable, 24"	MSC03414
67	Battery Cable, 72" (Optional)	MSC03465
68	Power Ground Cable Dual Cap/Plug Kit (Vehicle & Plow) Set of (2)	MSC05081
68	Weather Plug for Light & Control Harness Kit (Vehicle & Plow)	MSC04581
70	Control Harness Mounting Bracket	MSC02813
71	Power Ground Cable Mounting Bracket W/Hardware	MSC09097-03
72	Rubber Split Grommet, 1-1/8"	MSC03761
73	Headlight Adapter Kit	Various
74	SmartHitch2 Toggle Switch Kit (Includes Switch and Jumpers)	MSC04744
74A	Includes: (1) Switch, SmartHitch2 Toggle	MSC01889
74A	(1) Wiring Harness, SmartHitch2 (Orange)	MSC04672
74A	(1) Wiring Harness, SmartHitch2 (Black)	MSC09886
74A	(1) Wiring Harness, w/Diode, SmartHitch2 (White)	MSC09857
74A	(1) Switch Base, SmartHitch2	MSC04238



OPTIONS & ACCESSORIES		
61	Snow Deflector (76", 82", & 92" RT3 V-Blade)	MSC01565
62	Snow Deflector (10" V-Blade)	MSC17611
63	BOSS High Performance Hydraulic Fluid - Case (12 per)	HYD01700
64	Red Touch-Up Spray Paint (12oz.)	MSC04098
66	Black Touch-Up Spray Paint (12oz.)	MSC04056
68	Red Touch-Up Spray Paint (Quart)	MSC04358
68	Black Touch-Up Spray Paint (Quart)	MSC04359
70	Dielectric Grease (1 oz.)	MSC03423
71	Curb Guard Kit, Right (Passenger Side) (76", 82", 92", 10" RT3 V-Blade)	BAR04098
72	Curb Guard Kit, Left (Driver Side) (76", 82", 92", 10" RT3 V-Blade)	BAL00898
73	Spare Parts Kit	MSC04298
74	Sight System	MSC06462
74A	Ballast Retainer Kit	MSC09845
74A	Plow Shoe Option Kit - 4-Piece w/ Cast Iron Shoes	MSC18207
74A	Wing Kit, XT, DXT, Poly	MSC08030
74A	Wing Kit, XT, DXT, Stainless	MSC08110



75	Rubber Grommet - for light and control harness in coupler tower	MSC03456
76	Headlight Mounting Fastener Kit, SmartLight2	HDW11114
76A	Includes: (2) Hex Head Cap Screw, 3/8" - 16 X 1" Washer Head Spinlock GR5 YZN	
76B	(2) Washer, 3/8" Flat YZN	
76C	(2) Nut, 3/8" - 16, Nylon Locking YZN	
76D	(8) Hex Head Cap Screw, 1/4" - 20 X 3/4" GR5 YZN	
76E	(8) Washer, 1/4" Flat YZN	
76F	(8) Washer, 1/4" Flat YZN	
77	Headlight, Right, SmartLight3	MSC04747
78	Relay, 12V	MSC04294
79	Light Bar, End Cap	MSC09058
80	Relay Repair Kit	MSC08093
81	Fuse Holder Repair Kit	MSC01322
82	Headlight Mounting Bracket, Left, SmartLight2	MSC11109-03
83	Headlight Mounting Bracket, Right, SmartLight2	MSC11110-03
84	Headlight, Left, SmartLight3	MSC16201
85	Headlight, Right, SmartLight3	MSC16202

BOLTS		
88	Hex Head Cap Screw, 1/2" - 13 X 1-1/2" GR5 YZN	HDW01728
89	Hex Head Cap Screw, 3/8" - 16 X 3/4" Washer Head Spinlock GR5 YZN	HDW01540
90	Hex Head Cap Screw, 3/8" - 11 X 4-1/2" GR5 YZN (76", 82", 92" RT3 Power-V)	HDW01705
91	Hex Head Cap Screw, 1" - 8 X 4" GR5 YZN (10" RT3 Power-V)	HDW01703
92	Hex Head Cap Screw, 3/8" - 11 X 5-1/2" GR5 YZN (76", 82", 92" RT3 Power-V)	HDW05534
93	Hex Head Cap Screw, 1" - 8 X 4" GR5 YZN (10" RT3 Power-V)	HDW01703
94	Hex Head Cap Screw, 3/8" - 16 X 1-1/4" YZN	HDW01771
95	Hex Head Cap Screw, 3/8" - 16 X 3-1/4" YZN	HDW05573
96	Hex Head Cap Screw, 3/4" - 10 X 3-3/4" YZN	HDW05058
97	Eye Bolt Kit, 1/2" X 5-1/4" (To Hole Center), YZN (10" RT3 Power-V)/HDW	HDW01744
Includes: (2) Spade Bolt, 1/2" X 5-1/4" (To Hole Center), YZN		
(2) Nut, 1/2" NYS Lamin Lock YZN		
(2) Washer, 12" Flat YZN		
98	Push Nut Renner, 3/8" YZN	
Includes: (2) 5/8" X 4" (To Hole Center), YZN (76", 82", 92" RT3 Power-V)/HDW		
Eye Bolt Kit, 5/8" X 4" (To Hole Center), YZN		
(2) Nut, 5/8" NYS Lamin Lock YZN		
(2) Washer, 5/8" Flat YZN		
99	Eye Bolt Kit, 1/2" X 5-1/4" (To Hole Center), YZN (10" RT3 Power-V)/HDW	HDW01744
Thumb Screw YZN		
HDW05077		