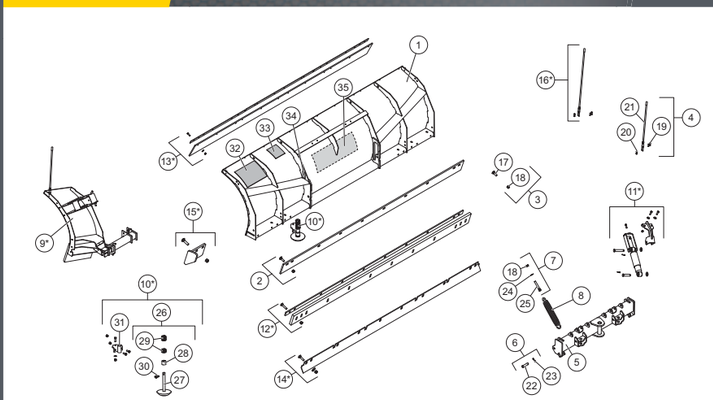
SnowEx HD Heavy-Duty SNOWPLOW

Automatixx ATTACHMENT SYSTEM

AUTHENTIC SnowEx PARTS & ACCESSORIES

FLEETFLEX ELECTRICAL SYSTEM

SnowEx BLADE COMPONENTS

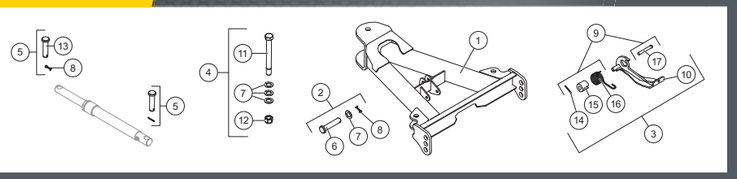


77720-1 / 77725-1 / 77730-1 / 77735-1 Blade Components

Item	Part	Qty	Description	Item	Part	Qty	Description
1	84567-1	1	7600HD Blade with Labels	10*	84506	1	Shoe Assembly Kit – HD, RD, LT
	84566-1	1	8000HD Blade with Labels	11*‡	84563	1	Accessory Shock Absorber Kit (set of 2)
	84565-1	1	8600HD Blade with Labels	12*	84530	1	Rubber Cutting Edge Kit – 7'6"
	84564-1	1	9000HD Blade with Labels		84531	1	Rubber Cutting Edge Kit – 8'
2	40695	1	1/2" Steel Cutting Edge Kit – 7600HD		84532	1	Rubber Cutting Edge Kit – 8'6"
	40696	1	1/2" Steel Cutting Edge Kit – 8000HD		84533	1	Rubber Cutting Edge Kit – 9'
	40697	1	1/2" Steel Cutting Edge Kit – 8600HD	13*	84514	1	Rubber Deflector Kit – 7'6"
	40698	1	1/2" Steel Cutting Edge Kit – 9000HD		84517	1	Back Drag Edge – 8', 8'6", 9'
3	48765	1	Cutting Edge Bolt Bag HD	14*	84463	1	Back Drag Edge – 7'6"
4	84525	1	24" Blade Guide Kit (set of 2)		84464	1	Back Drag Edge – 8"
5	84576	1	Quadrant HD		84466	1	Back Drag Edge – 8'6"
6	41123	2	3/4 x 3 Clevis Pin Kit with Cotter		84465	1	Back Drag Edge – 9'
7	84702	1	Eyebolt Kit	15*	43885	1	Curb Guard Kit
8	23039	4	Trip Spring	16*	84477	1	36" Poly Blade Guide Set (set of 2)
9*	84575	1	Accessory Wing Kit – HD	ns	84642	1	Blade Label Kit
Item 2			**40695 / 40696 / 40697 / 40698 1/2" Steel Cutting Edge Kit**				
		1	1/2" Steel Cutting Edge	3	48765	1	Cutting Edge Bolt Bag
Item 3			**48765 Cutting Edge Bolt Bag HD**				
17		10	5/8-11 x 2 Carriage Bolt G5	18		10	5/8-11 Hex Locknut GB
Item 4			**84525 24" Blade Guide Kit**				
19		4	5/16-18 x 1 Hex Cap Screw G5	21		2	24" Poly Blade Guide with Label
20		4	5/16-18 Hex Locknut GB				
Item 6			**41123 3/4 x 3 Clevis Pin Kit with Cotter**				
22		2	3/4 x 3 Clevis Pin	23		2	1/4 x 1-1/2 Cotter Pin
Item 7			**84702 Eyebolt Kit**				
18		4	5/8-11 Hex Locknut GB	25		1	5/8-11 x 4 Eyebolt
24		4	5/8 Hardened Flat Washer				
Item 10			**84506 Shoe Assembly Kit – HD, RD, LT**				
26	42301	2	Disc Shoe Assembly	30	93010	2	7/16 x 1-3/4 Linchpin
27	60217	2	Disc Shoe	31	84736	2	Shoe Bracket
28	60045	2	Spacer	ns	84732	1	Bolt Bag – 84506 Shoe Assembly
29	91192	52	Round Flat Washer, Special				
			84642 Blade Label Kit				
32	52203	1	Label – Automatixx Attach/Detach	34	29256	1	Label – Foot Crush Warning
33	59900	1	Label – Warning/Caution, Snowplows	35	77703	1	Label – HD Blade Center

ns = not shown * = Accessory Only G = Grade ‡ = Fits only blades with serial number beginning 160209 and higher.

SnowEx A-FRAME ASSEMBLY



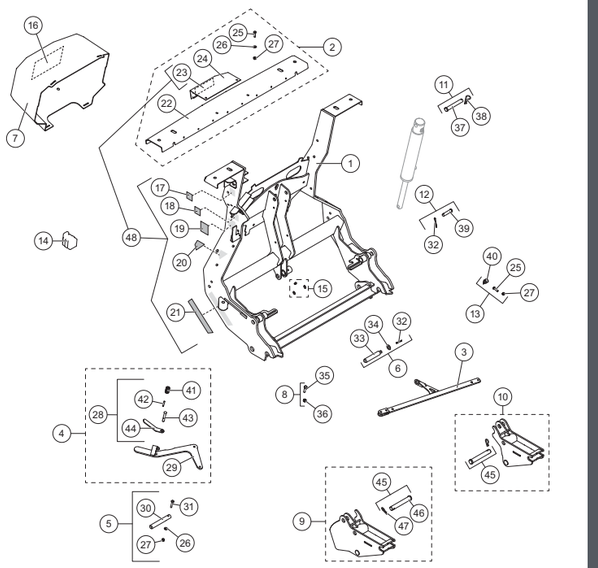
A-Frame Components

Item	Part	Qty	Description	Item	Part	Qty	Description
1	84589	1	A-Frame	4	84769	1	Pivot Bolt Kit
2	84623	2	A-Frame Pin Kit	5	57968	4	1 x 4 Clevis Pin Kit
3	84593	1	Stand Kit				
Item 2			**84623 A-Frame Pin Kit**				
6		1	1 x 4-3/4 Clevis Pin	8		1	1/4 x 1-1/2 Cotter Pin
7		1	1" Flat Washer Special				
Item 3			**84593 Stand Kit**				
9	84615	1	Stand Hardware Kit	10		1	Stand
Item 4			**84769 Pivot Bolt Kit**				
7		3	1" Flat Washer Special	12		1	1-8 Hex Locknut GB
11		1	1-8 x 9 Hex Cap Screw Special G5				
Item 5			**57968 1/4 x 4 Clevis Pin Kit**				
8		1	1/4 x 1-1/2 Cotter Pin	13		1	1 x 4 Clevis Pin
Item 9			**54615 Stand Hardware Kit**				
14		1	5/32 x 1-1/2 Cotter Pin	16		1	Stand Torsion Spring
15		1	Stand Spring Spacer	17		1	1/2 x 3-11/16 Clevis Pin

G = Grade

SnowEx HEADGEAR ASSEMBLY

Item	Part	Qty	Description	Item	Part	Qty	Description	Item	Part	Qty	Description
1	84622	1	Headgear – HD (incl. item 15)	9	84608	1	Receiver Kit, DS (incl. item 45)	15	84616	1	Grease Zerk (3-Pack)
2	84624	1	Light Bar Channel	ns	85121*	1	Receiver Kit, Tall – DS	16	43859	1	Label – Hydraulic Info Straight Blades
3	84599	1	Link Arm	10	84609	1	Receiver Kit, PS (incl. item 45)	17	52206	1	Label – Automatixx® Power Switch
4	84595	1	Attach Handle Kit	ns	85122*	1	Receiver Kit, Tall – PS	18	52207	1	Label – Automatixx Operation Switch
5	84603	2	Attach Pin Kit	11	84632	1	Lift Ram Base Pin Kit	19	69689	1	Label – SECURITY GUARD™ Logo
6	84601	1	Link Arm Jack Stand Pin Kit	12	84627	1	Lift Ram Rod Pin Kit	20	77717	1	Label – Automatixx, Upper
7	84649	1	Hydraulic Cover – HD (incl. item 16)	13	84778	1	Clamp Loop Kit	21	77719	1	Label – Automatixx, Lower
8	84635	1	Link Arm/Attach Handle Fastener Kit	14	61246	1	Cable Boot	48	84647	1	Headgear Label Kit

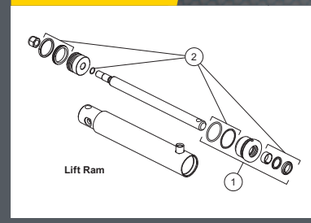


Item 2	84624 Light Bar Channel		
22		1	Light Bar
23	77727	1	Label – SnowEx® Light Bar, Center
24		1	Light Bar Top Plate, Center
25		2	1/4-20 x 1 Hex Cap Screw G5
26		2	1/4 Flat Washer
27		2	1/4-20 Hex Locknut GB
Item 4	**84595 Attach Handle Kit**		
28	84596	1	Attach Handle Release Cam Kit
29	84779	1	Handle
Item 5	**84603 Attach Pin Kit**		
26		1	1/4 Flat Washer
27		1	1/4-20 Hex Locknut GB
30		1	Hitch Pin
31		1	1/4-20 x 1-1/2 Hex Cap Screw SS
Item 6	**84601 Link Arm Jack Stand Pin Kit**		
32		1	5/32 x 1-1/2 Cotter Pin
33		1	Stand Actuator Pin
34		1	1/2 Flat Washer Type B Narrow SS
Item 8	**84635 Link Arm/Attach Handle Fastener Kit**		
35		1	5/16-18 x 1-1/4 Hex Cap Screw G5
36		1	5/16-18 Hex Locknut GB
Item 11	**84632 Lift Ram Base Pin Kit**		
37		1	5/8 x 4-1/4 Clevis Pin
38		1	1/8 Hairpin Cotter
Item 12	**84627 Lift Ram Rod Pin Kit**		
32		1	5/32 x 1-1/2 Cotter Pin
39		1	1/2 x 2-1/8 Clevis Pin HT
Item 13	**84778 Clamp Loop Kit**		
25		1	1/4-20 x 1 Hex Cap Screw G5
27		1	1/4-20 Hex Locknut GB
40		1	#10 Clamp Loop
Item 28	**84596 Attach Handle Release Cam Kit**		
41		1	Stand Lock Pin Spring
42		1	3/16 x 1-3/8 Roll Pin SS
43		1	Handle Lock Pin
44		1	Handle Lock Pin Lever
Item 45	**84611 Receiver Pin Kit – HD**		
46	95739	1	3/4 x 5 Clevis Pin HT
47	42142	1	R-Pin Cotter

Item 48	84647 Headgear Label Kit										
17	52206	1	Label – Automatixx Power Switch	19	69689	1	Label – SECURITY GUARD Logo	21	77719	1	Label – Automatixx, Lower
18	52207	1	Label – Automatixx Operation Switch	20	77717	1	Label – Automatixx, Upper	23	77727	1	Label – SnowEx Light Bar, Center

ns = not shown SS = Stainless Steel HT = Heat Treated G = Grade * Refer to the Heavy Duty Snowplow Installation Instructions to confirm when tall receivers are required.

SnowEx HYDRAULIC AND ELECTRICAL COMPONENTS



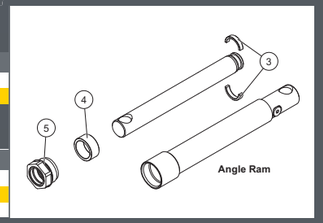
Lift and Angle Arm Components

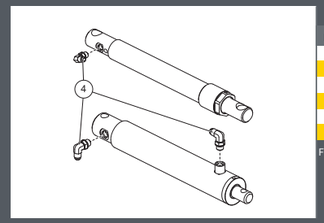
84420 Lift Arm Assembly 2 x 9-3/4 DA

Item	Part	Qty	Description
1	49499	1	1" Gland Assembly
2	48520	1	Seal Kit 2" DA Ram

84421 Angle Ram Assembly 1-1/2 x 12

Item	Part	Qty	Description
3	57879	1	Split Bearing Kit
4	56537	1	Spacer
5	48985	1	Gland Nut Assembly

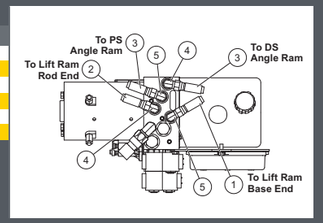




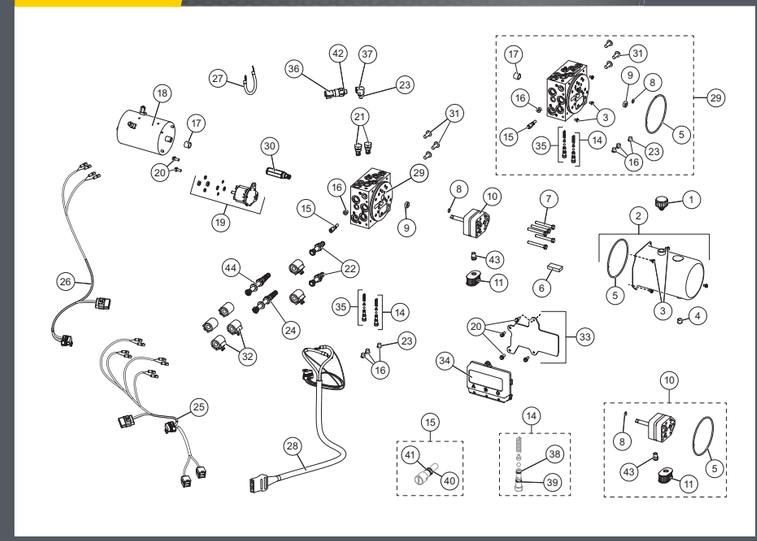
Hoses and Fittings

Item	Part	Qty	Description
1	84446	1	Hose, 1/4 x 14 w/F JIC Ends
2	84453	1	Hose, 1/4 x 20 w/F JIC Ends
3	52304	2	Hose, 3/8 x 36 w/F JIC Ends
4	40571	6	Elbow, 90° –6 M JIC/–6 M ORB
5	40572	2	Elbow, Extra Long 90° –6 M JIC/–6 M ORB
ns	56823	1	Hose Wrap

F = Female M = Male ns = not shown



SnowEx HYDRAULIC AND ELECTRICAL COMPONENTS



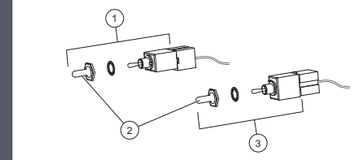
52646 Hydraulic Unit Components

Item	Part	Qty	Description	Item	Part	Qty	Description	Item	Part	Qty	Description
1	48278	1	Breather	ns	52251	1	Bearing Repair Tool Kit w/Bearing	31	98043	3	3/8-16 x 1 Button Cap Screw
2	52289	1	Reservoir Kit	18	52281	1	Motor	32	52294	6	Coil
3	66607	4	10-24 x 5/16 Machine Screw	19	52290	1	Motor Relay Kit, FLEET FLEX	33	52293	1	Plate, Module
4	92079	1	Plug, Square 3/8 NPTF	20	44355	6	1/4-20 x 5/8 Hex Washer Head Thread-Rolling Screw	34	52292-1	1	Module, Plow Control
5	66519	1	O-Ring 2-250					35	52284	1	Relief Valve (1 set)
6	73897	1	Magnet	21	84934	2	Check Valve	36	52296	1	Pressure Switch
7	90073	5	5/16-18 x 2-1/4 Hex Cap Screw G5	22	84936	2	Valve, 2-Way NC w/Rev Flow	37	52295	1	Elbow, 90° –4 M ORB/–6 F ORB
8	56274	1	O-Ring -013	23	44343	5	O-Ring -904	38	55371	2	O-Ring -008
9*	66515	1	Pump Shaft Seal	24	52285	1	Valve, 4-Way, 3-Position Closed Center	39	25731	2	O-Ring -010
ns	52252	1	Seal Repair Tool Kit w/Seal					40	48239	1	O-Ring -106
10	52288	1	Hydraulic Pump Kit	25	52108	1	Plow Control Harness, 4-Coil	41	48240	1	Back-Up Ring -106
11	48281	1	Filter	26	52077	1	Plow Control Harness, 2-Coil	42	56569	5	O-Ring -906
14	52282	1	Relief Valve (1 set)	27	29071	1	Vehicle Battery Cable 8"	43	10877	1	Inlet Fitting
15	48517	1	Quill	28	52291	1	Snowplow Battery Cable	44	84937	1	Valve, 4-Way, 3-Position
16	44344	4	Plug, Hex Socket –4 M ORB	29	52256	1	Manifold Assembly w/o Valves HD	ns		3	Fuse, 5-Amp Mini Automotive Blade-Style (for items 25 and 26)
17‡	56364	1	Bearing Sleeve	30	42889	1	Relief Valve 4000 psi				
							O-Ring Service Kits				
–	52298	–	O-Ring Kit	–	48309	–	Seal Kit, 3-Way & 4-Way Valves	–	48310	–	Seal Kit, 2-Way Valves
Item 2			**52289 Reservoir Kit**								
3	66607	4	10-24 x 5/16 Machine Screw	4	92079	1	Plug, Square 3/8 NPTF	5	66519	1	O-Ring 2-250
Item 29			**52256 Manifold Assembly w/o Valves HD**								
3	66607	4	10-24 x 5/16 Machine Screw	14	52282	1	Relief Valve (1 set)	23	44343	5	O-Ring -904
5	66519	1	O-Ring 2-250	15	48517	1	Quill	31	98043	3	3/8-16 x 1 Button Cap Screw
8	56274	1	O-Ring -013	16	44344	4	Plug, Hex Socket –4 M ORB	35	52284	1	Relief Valve (1 set)
9*	66515	1	Pump Shaft Seal	17‡	56364	1	Bearing Sleeve				

F = Female M = Male ns = not shown G = Grade * Use 52252 tool to install. ‡ Use 52251 tool to install.
Go to *www.snowexproducts.com* for hydraulic unit service information and specifications.

SnowEx HEADLAMP KIT

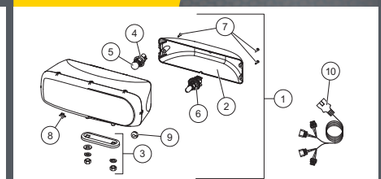
Electrical Components



Plow-Side Electrical Components

Item	Part	Qty	Description
1	40575	1	Toggle Switch (MOM-ON, OFF, ON)
2	48259	2	Switch Boot
3	40576	1	Toggle Switch (MOM-ON, OFF, MOM-ON)
			Vehicle-Side Electrical Components
ns	42014	1	Vehicle Battery Cable
ns	28587	1	Vehicle Control Harness
ns	48325	2	Plug Cover

ns = not shown



28800-1 Headlamp Kit (Pair)

Item	Part	Qty	Description
1	28802-1	1	Headlamp Service Kit – PS
ns	28801-1	1	Headlamp Service Kit – DS
2	28803-1	2	Rear Cover Kit (fits 2- or 3-screw)
3	28804	2	Mounting Hardware Kit
4	28805	2	Park/Turn Socket Service Kit
5	–	2	Park/Turn Bulb (Trade No. 4157NAK)
6	28806	2	H13 Headlamp Bulb Service Kit
7	28808-1	2	Cover Screws Service Kit (3 screws)
8	56595	6	Cable Anchor Tie
9	66130	2	Rubber Grommet
10	28213K	1	Harness Service Kit

ns = not shown

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