

December 1, 2021
Lit. No. 52525, Rev. 06



6800, 7200

Light Truck Snowplow

Blade Assembly 77700, 77705

Big Box Assembly 77800

Parts List

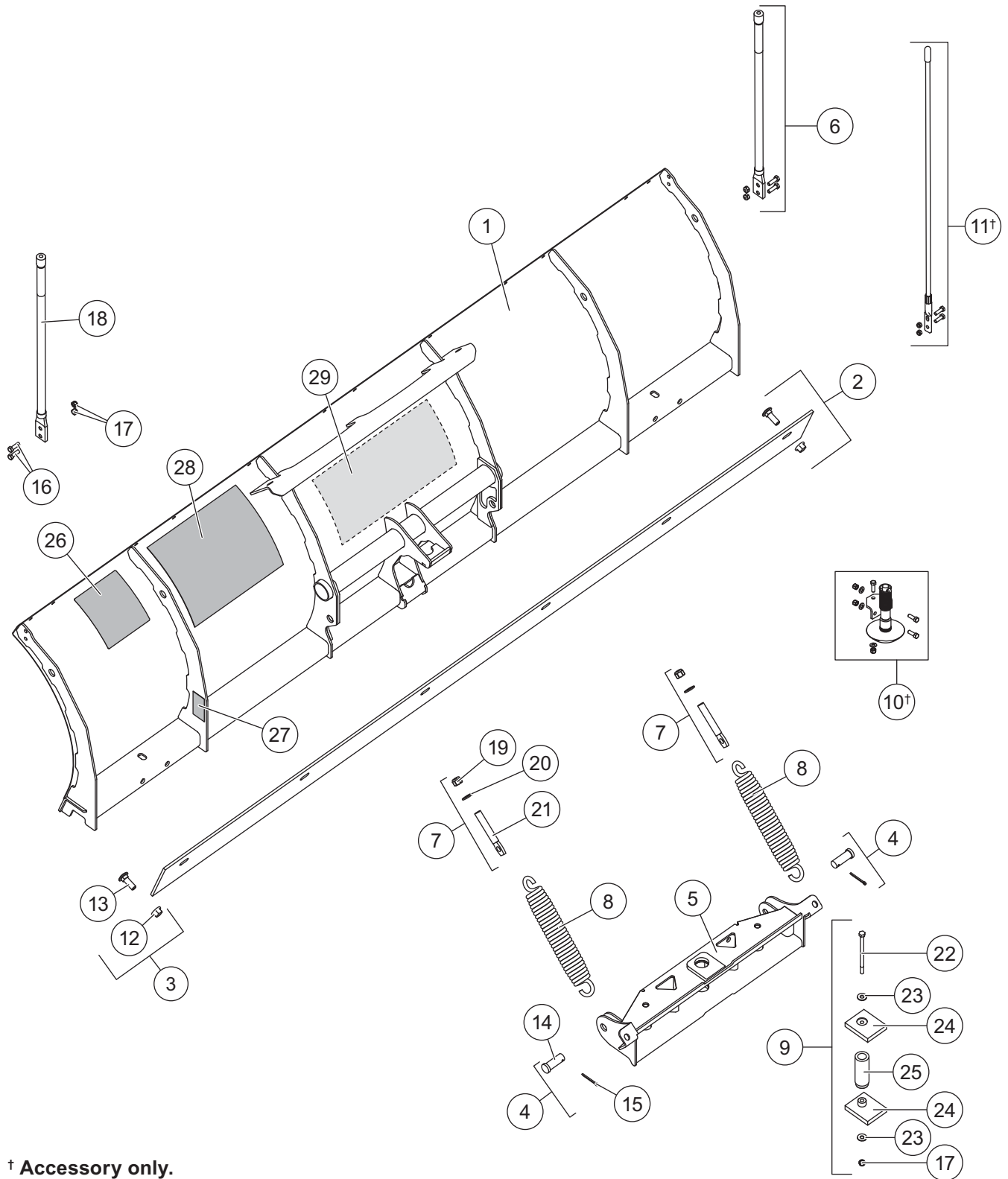


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LIGHT TRUCK BLADE ASSEMBLY

Blade Components



† Accessory only.

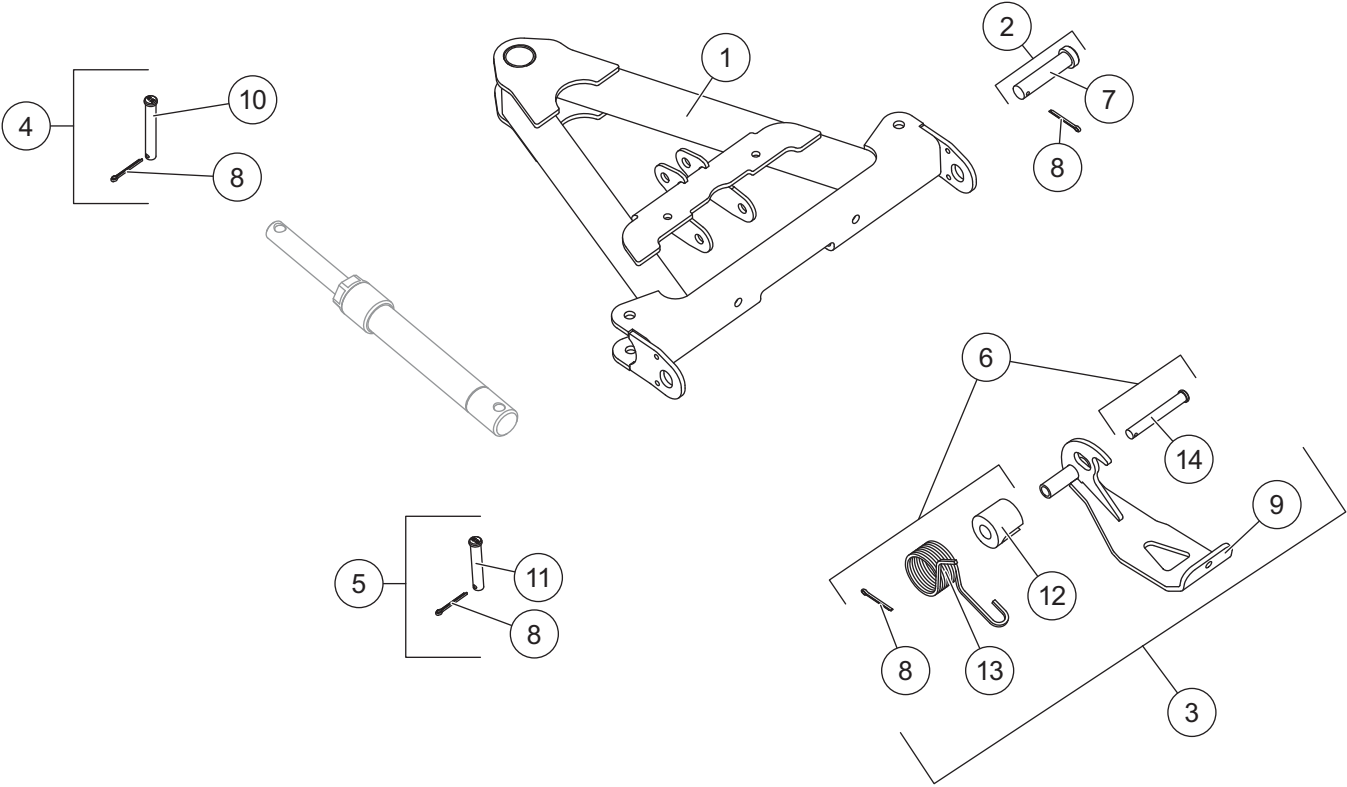
LIGHT TRUCK BLADE ASSEMBLY

77700/77705 Blade Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	84554	1	6800LT Blade with Labels	7	84702	2	Eyebolt Kit
	84556	1	7200LT Blade with Labels	8	B61167	2	Trip Spring
2	B61458	1	1/4 Steel Cutting Edge Kit – 6800LT	9	84629	1	Center Pivot Bolt Kit
	B61531	1	1/4 Steel Cutting Edge Kit – 7200LT	10†	84506	1	Shoe Assembly Kit
3	B61255	1	Cutting Edge Bolt Bag – LT	11†	84477	1	36" Poly Blade Guide Kit
4	84631	2	3/4 x 2 Clevis Pin Kit with Cotter	ns	84640	1	Blade Label Kit – LT
5	84573	1	Quadrant LT	ns†	84524	1	Rubber Deflector Kit – LT
6	84525	1	24" Blade Guide Kit				
Item 2 B61458/B61531 1/4 Steel Cutting Edge Kit							
	1	1/4 Steel Cutting Edge		3	B61255	1	Cutting Edge Bolt Bag
Item 3 B61255 Cutting Edge Bolt Bag							
12	8	1/2-13 Hex Locknut GB		13	8	1/2-13 x 3-1/4 Carriage Bolt G8	
Item 4 84631 3/4 x 2 Clevis Pin Kit with Cotter							
14	1	3/4 x 2 Clevis Pin		15	1	5/32 x 1-1/2 Cotter Pin	
Item 6 84525 24" Blade Guide Kit							
16	4	5/16-18 x 1 Hex Cap Screw G5		18	2	24" Poly Blade Guide with Label	
17	4	5/16-18 Hex Locknut GB					
Item 7 84702 Eyebolt Kit							
19	1	5/8-11 Hex Locknut GB		21	1	5/8-11 x 4 Eyebolt	
20	1	5/8 Hardened Flat Washer					
Item 9 84629 Center Pivot Bolt Kit							
17	1	5/16-18 Hex Locknut GB		24	27615	2	Bumper, Personal Plow
22	1	5/16-18 x 5 Hex Cap Screw G5		25		1	Pivot Tube
23	2	5/16 Flat Washer Type A					
84640 Blade Label Kit – LT							
26	59900	1	Label – Warning/Caution, Snowplows	28	52204	1	Label – Attach/Detach, Automatixx®
27	29256	1	Label – Warning, Foot Crush	29	77701	1	Label – Logo, LT Blade Center
ns = not shown				G = Grade			

† Accessory only.

A-FRAME ASSEMBLY

A-Frame Components

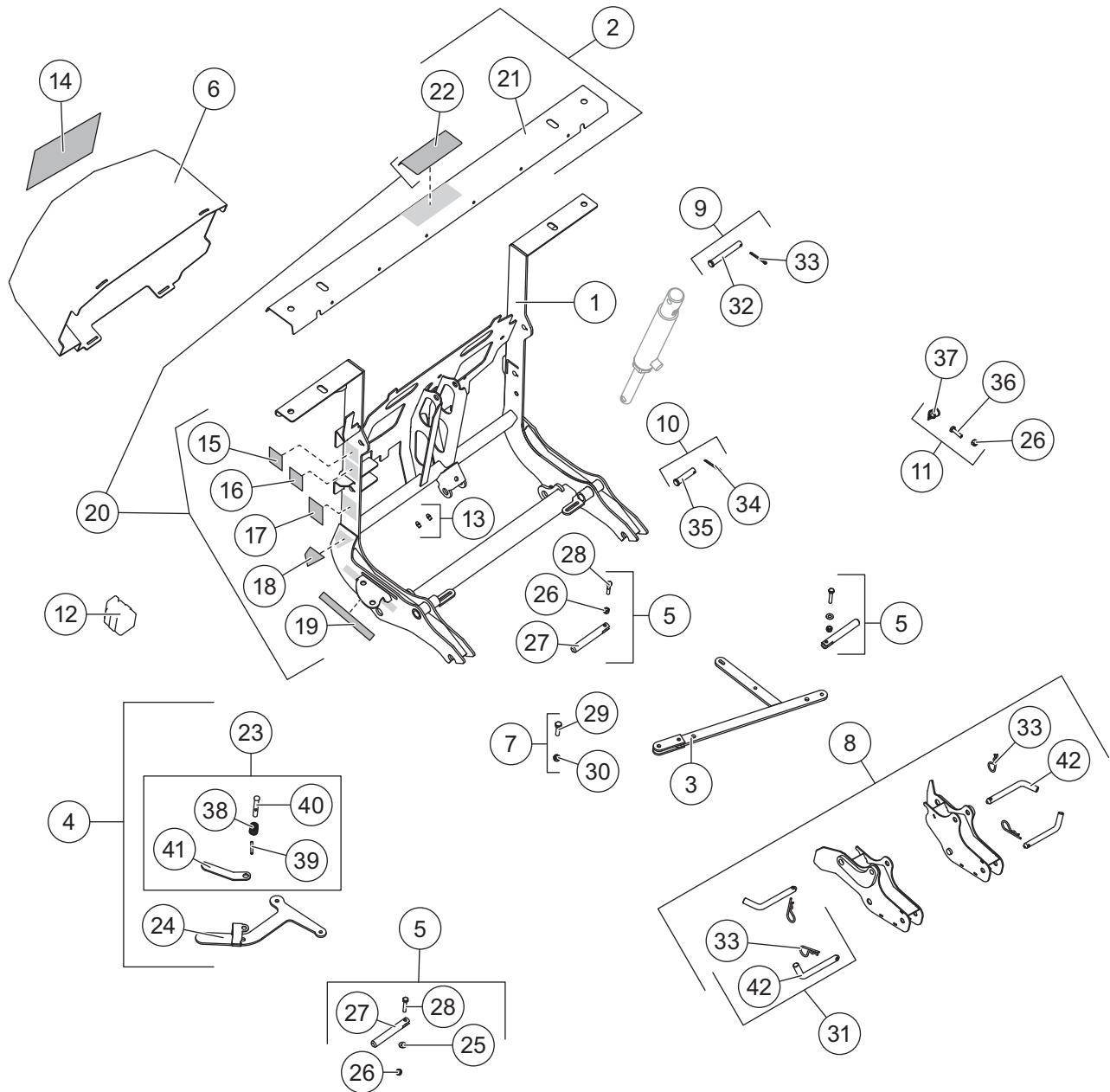


A-FRAME ASSEMBLY

A-Frame Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	84587	1	A-Frame – LT	4	83629	4	1/2 x 3-11/16 Clevis Pin Kit
2	84618	2	A-Frame Pin Kit	5	85198	1	1/2 x 2-7/8 Clevis Pin Kit
3	84592	1	Stand Kit – LT	6	84615	1	Stand Hardware Kit
Item 2				84618 A-Frame Pin Kit			
7		1	3/4 x 3-1/4 Clevis Pin	8		1	5/32 x 1-1/2 Cotter Pin
Item 3				84592 Stand Kit – LT			
6	84615	1	Stand Hardware Kit	9		1	Stand
Item 4				83629 1/2 x 3-11/16 Clevis Pin Kit			
8		1	5/32 x 1-1/2 Cotter Pin	10		1	1/2 x 3-11/16 Clevis Pin
Item 5				85198 1/2 x 2-7/8 Clevis Pin Kit			
8		1	5/32 x 1-1/2 Cotter Pin	11		1	1/2 x 2-7/8 Clevis Pin
Item 6				84615 Stand Hardware Kit			
8		1	5/32 x 1-1/2 Cotter Pin	13		1	Stand Torsion Spring
12		1	Stand Spring Spacer	14		1	1/2 x 3-5/8 Clevis Pin

HEADGEAR ASSEMBLY

Headgear Components

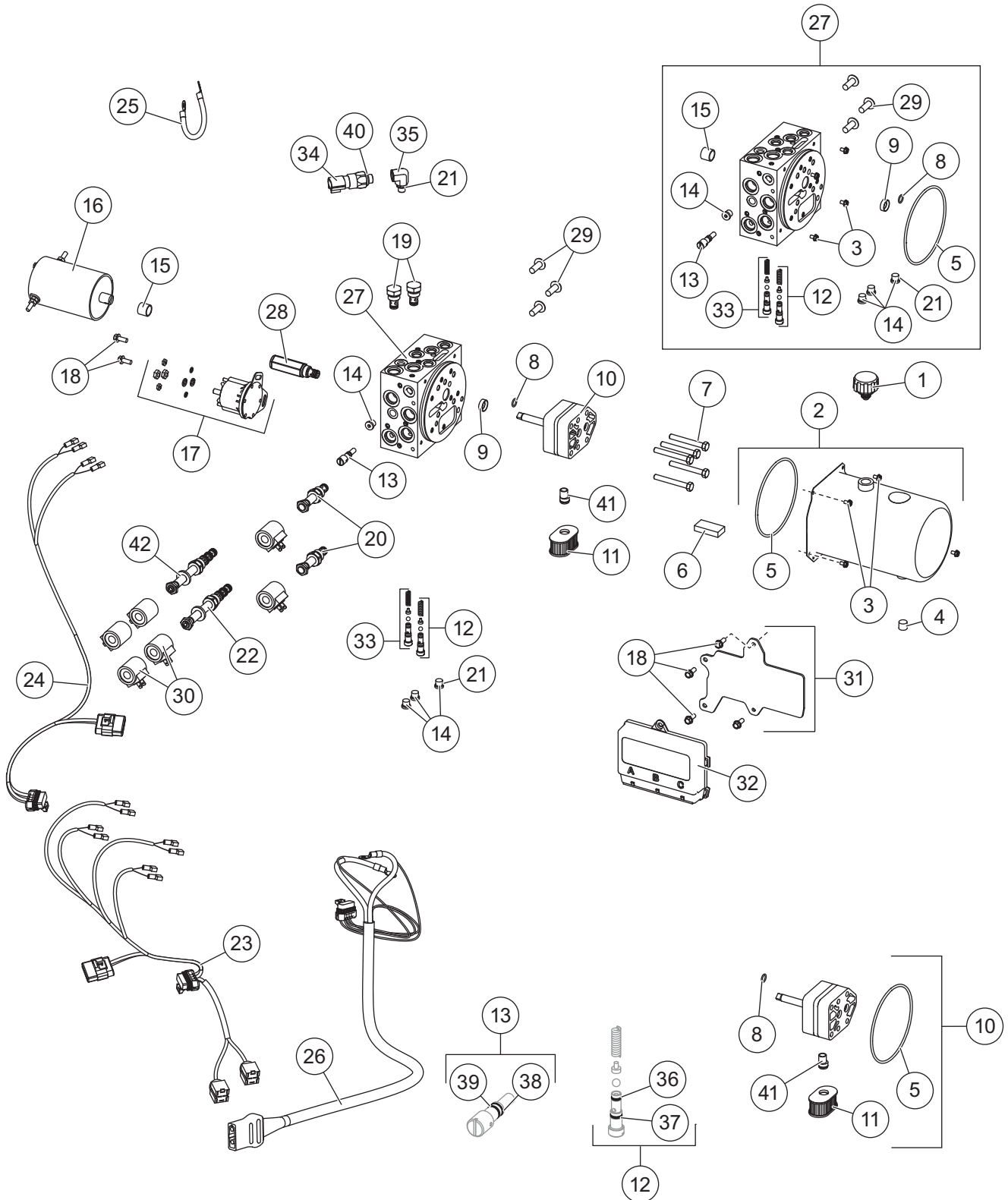


HEADGEAR ASSEMBLY

Headgear Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	84617	1	Headgear – LT (incl. item 13)	11	84778	1	Clamp Loop Kit
2	84619	1	Light Bar Channel – LT	12	61246	1	Cable Boot
3	84597	1	Link Arm – LT	13	84616	1	Grease Zerk (pkg of 3)
4	84594	1	Attach Handle Kit – LT	14	43859	1	Label – Hydraulic Info, Straight Blades
5	84602	3	Hitch Pin Kit	15	52206	1	Label – Power Switch, Automatixx®
6	84648	1	Hydraulic Cover – LT/RD (incl. item 14)	16	52207	1	Label – Operation Switch. Automatixx
7	84635	1	Link Arm/Attach Handle Fastener Kit	17	69689	1	Label – Logo, SECURITY GUARD™
8	84839	1	LT Receiver Kit	18	77717	1	Label – Logo, Automatixx, Upper
9	85199	1	Lift Ram Base Pin Kit	19	77718	1	Label – Logo, Automatixx, Lower
10	84627	1	Lift Ram Rod Pin Kit	20	84646	1	Headgear Label Kit
Item 2 84619 Light Bar Channel – LT							
21		1	Light Bar	22	84553	1	Label – Light Bar, Center, SnowEx®
Item 4 84594 Attach Handle Kit – LT							
23	84596	1	Attach Handle Release Cam Kit	24	84004	1	Handle
Item 5 84602 Attach Pin Kit – LT							
25		1	1/4 Flat Washer	27		1	Hitch Pin
26		1	1/4-20 Hex Locknut GB	28		1	1/4-20 x 1-1/2 Hex Cap Screw SS
Item 7 84635 Link Arm/Attach Handle Fastener Kit							
29		1	5/16-18 x 1-1/4 Hex Cap Screw G5	30		1	5/16-18 Hex Locknut GB
Item 8 84839 LT Receiver Kit							
		1	Receiver, DS	31	84610	4	Receiver Pin Kit – LT
		1	Receiver, PS				
Item 9 85199 Lift Ram Base Pin Kit							
32		1	1/2 x 2-7/8 Clevis Pin	33		1	1/8 Hairpin Cotter
Item 10 84627 Lift Ram Rod Pin Kit							
34		1	5/32 x 1-1/2 Cotter Pin	35		1	1/2 x 2-1/8 Clevis Pin HT
Item 11 84778 Power Cable Clamp Loop Kit							
26		1	1/4-20 Hex Locknut GB	37		1	#10 Clamp Loop
36		1	1/4-20 x 1 Hex Cap Screw G5				
Item 20 84646 Headgear Label Kit							
15	52206	1	Label – Power Switch, Automatixx	18	77717	1	Label – Logo, Automatixx, Upper
16	52207	1	Label – Operation Switch. Automatixx	19	77718	1	Label – Logo, Automatixx, Lower
17	69689	1	Label – Logo, SECURITY GUARD	22	84553	1	Label – Light Bar, Center, SnowEx
Item 23 84596 Attach Handle Release Cam Kit							
38		1	Stand Lock Pin Spring	40		1	Handle Lock Pin
39		1	3/16 x 1-3/8 Roll Pin SS	41		1	Handle Lock Pin Lever
Item 31 84610 Receiver Pin Kit – LT							
33		1	Hairpin Cotter	42		1	1/2 x 4 Hitch Pin
HT = Heat Treated				G = Grade		SS = Stainless Steel	

HYDRAULIC AND ELECTRICAL COMPONENTS

Hydraulic Unit Components



HYDRAULIC AND ELECTRICAL COMPONENTS

52650 Hydraulic Unit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	48278	1	Breather	22	52285	1	Valve, 4-Way, 3-Position Closed Center
2	52289	1	Reservoir Kit	23	52108	1	Plow Control Harness, 4-Coil
3	66607	4	#10-24 x 5/16 Machine Screw	24	52077	1	Plow Control Harness, 2-Coil
4	92079	1	Plug, Square 3/8 NPTF	25	29071	1	Vehicle Battery Cable 8"
5	66519	1	O-Ring 2-250	26	52291	1	Snowplow Battery Cable
6	73897	1	Magnet	27	52257	1	Manifold Assembly w/o Valves RD/LT
7	90073	5	5/16-18 x 2-1/4 Hex Cap Screw G5	28	42889	1	Relief Valve 4000 psi
8	56274	1	O-Ring -013	29	98043	3	3/8-16 x 1 Button Cap Screw
9*	66515	1	Pump Shaft Seal	30	52294	6	Coil
ns	52252	1	Seal Repair Tool Kit w/Seal	31	52293-1	1	Plate, Module
10	52287	1	Hydraulic Pump Kit	32	52292-1	1	Module, Plow Control
11	48281	1	Filter	33	52284	1	Relief Valve (1 set)
12	52282	1	Relief Valve (1 set)	34	84838	1	Pressure Switch
13	48517	1	Quill	35	52295	1	Elbow, 90° -4 M ORB/-6 F ORB
14	44344	4	Plug, Hex Socket -4 M ORB	36	55371	2	O-Ring -008
15†	56364	1	Bearing Sleeve	37	25731	2	O-Ring -010
ns	52251	1	Bearing Repair Tool Kit w/Bearing	38	48239	1	O-Ring -106
16	52299	1	Motor	39	48240	1	Back-Up Ring -106
17	52290	1	Motor Relay Kit, FLEET FLEX	40	56569	5	O-Ring -906
18	44355	6	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw	41	10887	1	Inlet Fitting
19	84934	2	Check Valve	42	84937	1	Valve, 4-Way, 3-Position
20	84936	2	Valve, 2-Way NC w/Rev Flow	ns		3	Fuse, 5A Mini Automotive Blade-Style (for items 25 and 26)
21	44343	5	O-Ring -904				
O-Ring Service Kits							
-	52298-1	-	O-Ring Kit	-	48310	-	Seal Kit, 2-Way Valves
-	48309	-	Seal Kit, 3-Way & 4-Way Valves				
Item 2 52289 Reservoir Kit							
3	66607	4	#10-24 x 5/16 Machine Screw	5	66519	1	O-Ring 2-250
4	92079	1	Plug, Square 3/8 NPTF				
Item 27 52257 Manifold Assembly w/o Valves RD/LT							
3	66607	4	#10-24 x 5/16 Machine Screw	14	44344	4	Plug, Hex Socket -4 M ORB
5	66519	1	O-Ring 2-250	15	56364	1	Bearing Sleeve
8	56274	1	O-Ring -013	21	44343	5	O-Ring -904
9	66515	1	Pump Shaft Seal	29	98043	3	3/8-16 x 1 Button Cap Screw
12	52282	1	Relief Valve (1 set)	33	52284	1	Relief Valve (1 set)
13	48517	1	Quill				
ns = not shown		F = Female		M = Male		G = Grade	

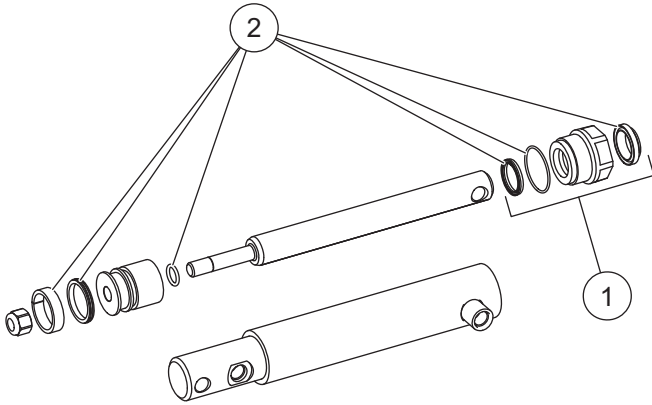
* Use 52252 tool to install.

† Use 52251 tool to install.

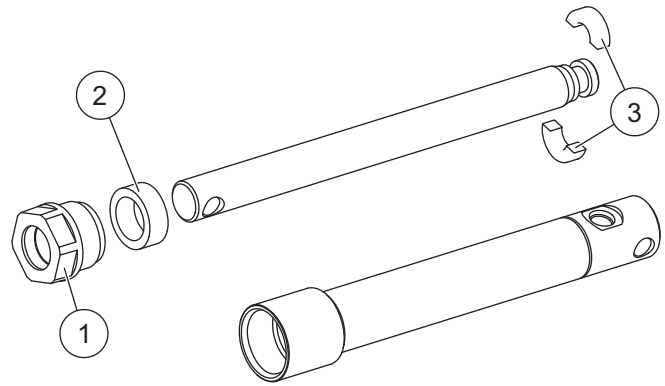
Go to www.snowexproducts.com for hydraulic unit service information and specifications.

HYDRAULIC AND ELECTRICAL COMPONENTS

Lift and Angle Ram Components

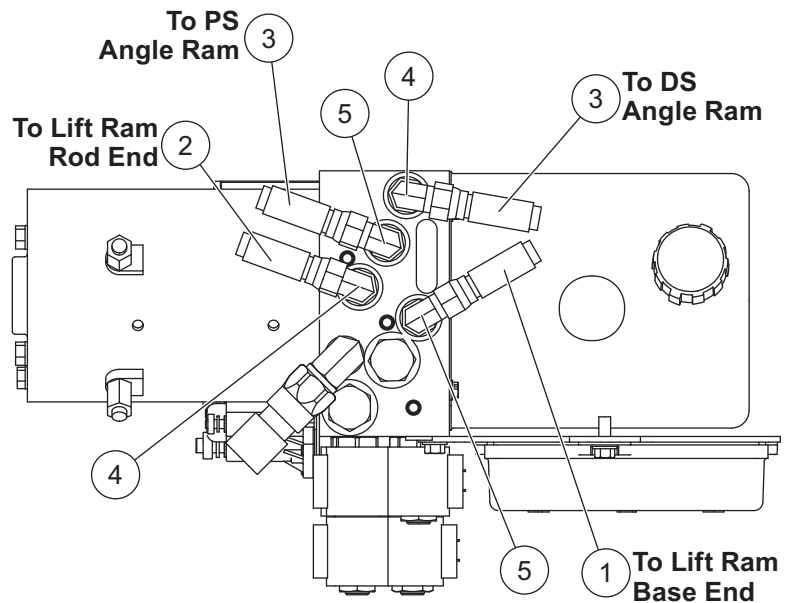
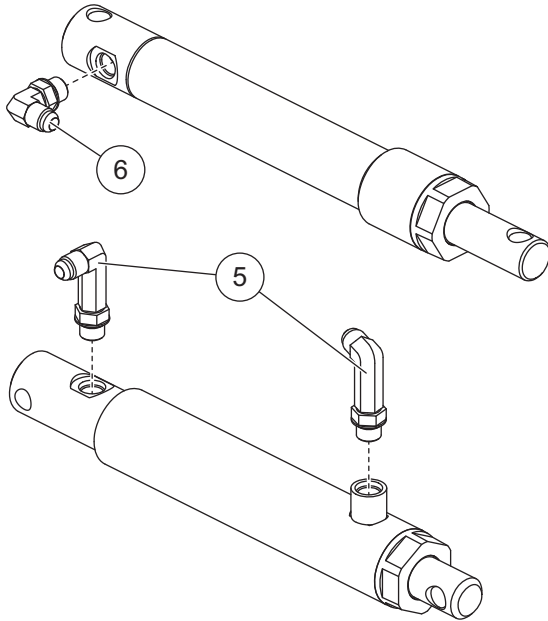


84430 Lift Ram Assembly 1-1/2 x 6 DA			
Item	Part	Qty	Description
1	52277	1	1" Gland Assembly
2	52302	1	Seal Kit 1-1/2 DA Ram



84426 Angle Ram Assembly 1 x 7			
Item	Part	Qty	Description
1	52277	1	1" Gland Nut Assembly
2	56803	1	Spacer
3	52276	1	1" Split Bearing Kit

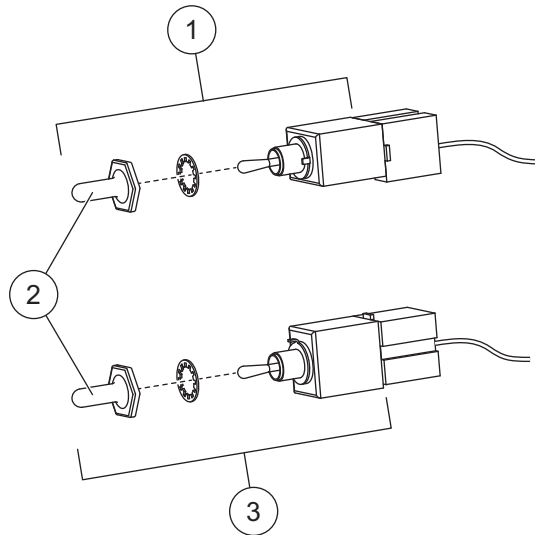
Hoses and Fittings



Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	84446	1	Hose, 1/4 x 14 w/F JIC Ends	5	40572	4	Elbow, Extra Long 90° -6 M JIC/-6 M ORB
2	84453	1	Hose, 1/4 x 20 w/F JIC Ends	6	77929	1	Elbow, 90° -6 M JIC/-6 M ORB w/Screen
3	52534	2	Hose, 3/8 x 32 w/F JIC Ends	ns	56823	1	Hose Wrap
4	56725	2	Elbow, 90° -6 M JIC/-6 M ORB				
F = Female				ns = not shown			
				M = Male			

HYDRAULIC AND ELECTRICAL COMPONENTS

Electrical Components

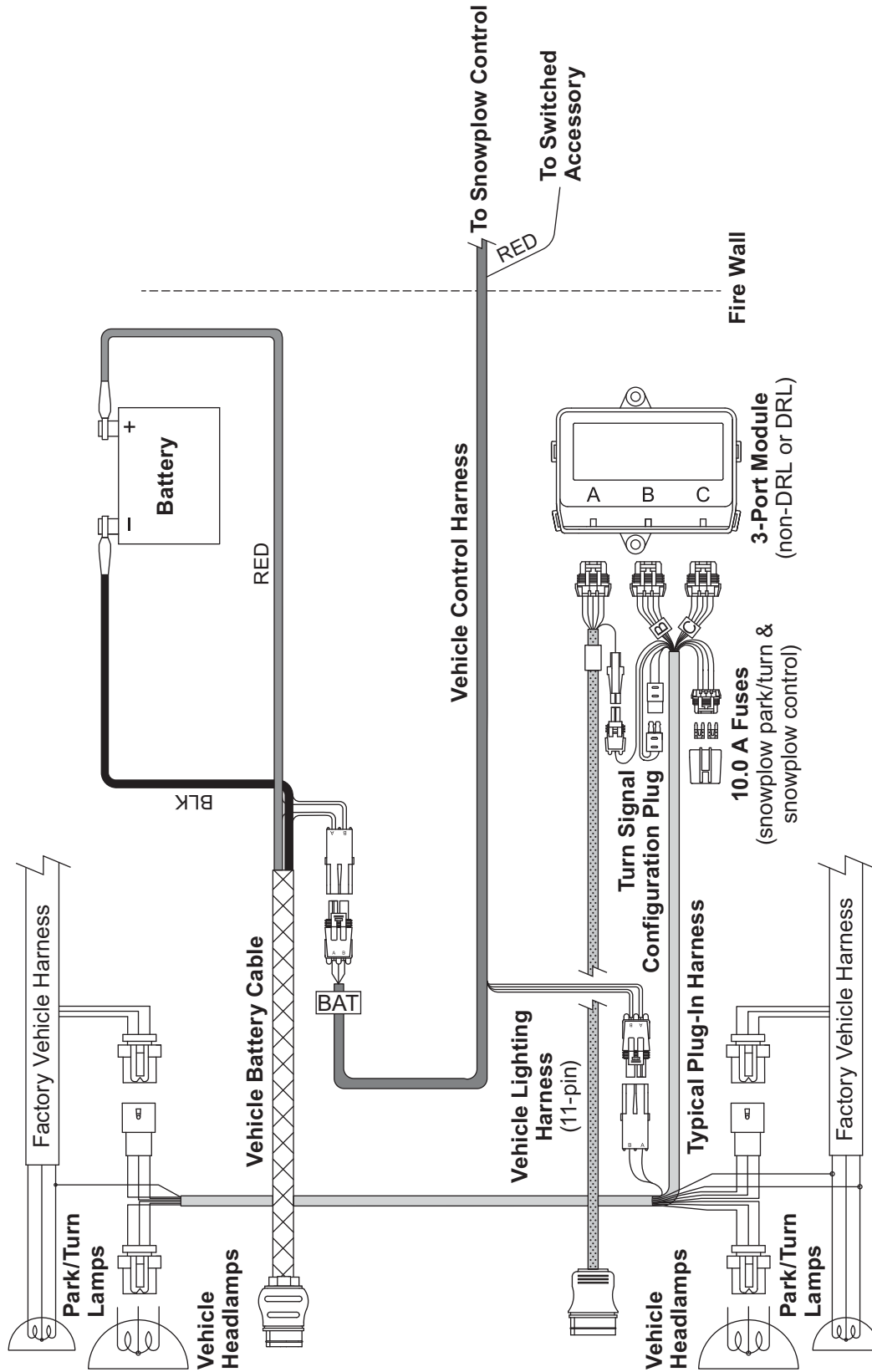


Plow-Side Electrical Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	40575	1	Toggle Switch (MOM-ON, OFF, ON)	3	40576	1	Toggle Switch (MOM-ON, OFF, MOM-ON)
2	48259	2	Switch Boot				
Vehicle-Side Electrical Components							
*	42014	1	Vehicle Battery Cable	ns	48325	2	Plug Cover
*	28587	1	Vehicle Control Harness				
ns = not shown							

* For diagram see Vehicle-Side Harness Diagram.

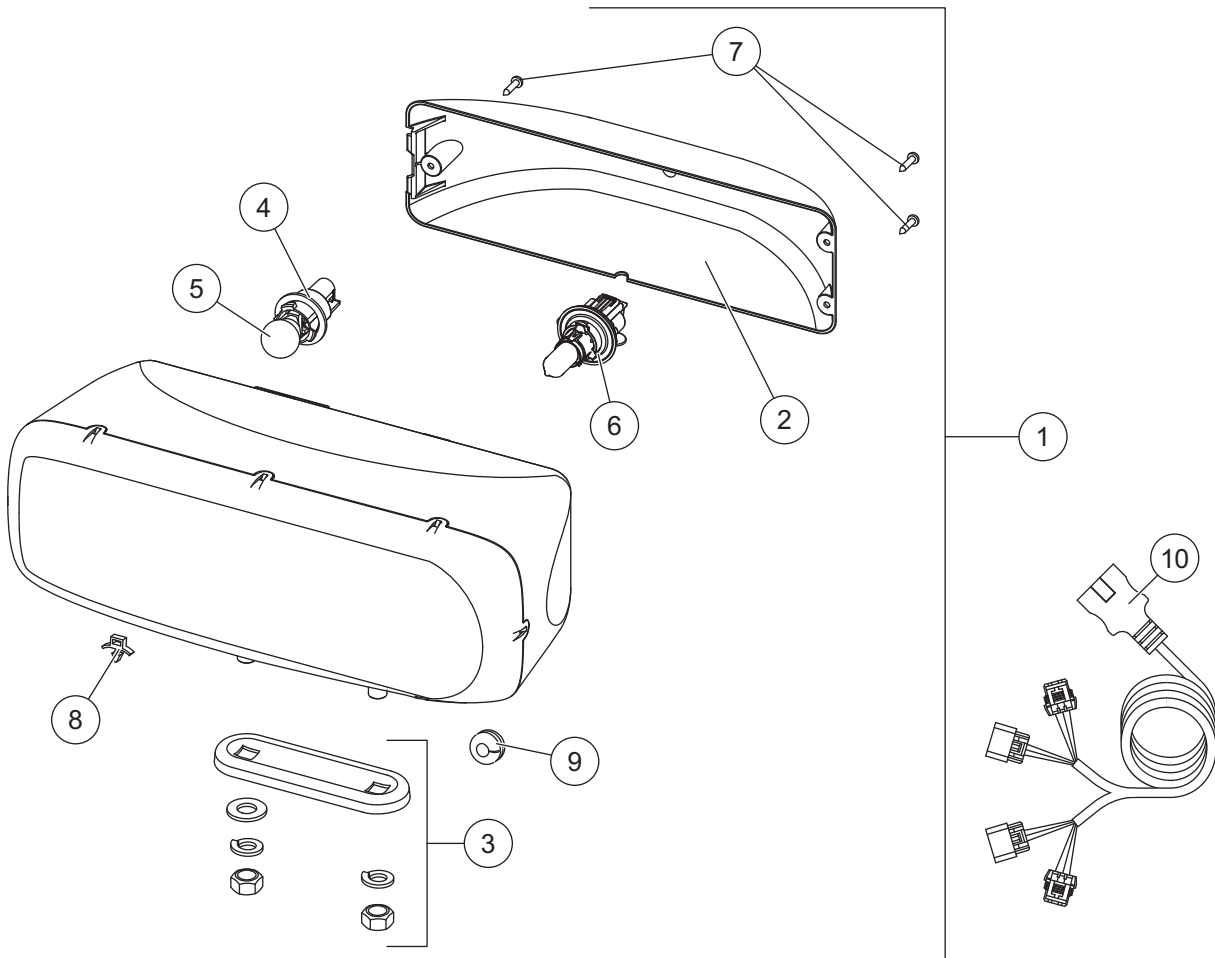
VEHICLE-SIDE HARNESS DIAGRAM

Vehicle-Side Harness Diagram



HEADLAMPS

Headlamp Components



28800-1 Headlamp Kit (pair)							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	28802-1	1	Headlamp Service Kit – PS	6	28806	2	H13 Headlamp Bulb Service Kit
ns	28801-1	1	Headlamp Service Kit – DS	7	28808-1	2	Cover Screws Service Kit (3 screws)
2	28803-1	2	Rear Cover Kit (fits 2- or 3-screw)	8	56595	6	Cable Anchor Tie
3	28804	2	Mounting Hardware Kit	9	66130	2	Rubber Grommet
4	28805	2	Park/Turn Socket Service Kit	10	28213K	1	Harness Service Kit
5		2	Park/Turn Bulb (trade no. 4157NAK)				

ns = not shown



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531 Ajax Drive
Madison Heights, MI 48071-2429
www.snowexproducts.com

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