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WIDE-OUT™ Snowplow

Blade Assembly 52810
H,A,Q&L Center Assembly 52225
H,A,Q&L Center Assembly, Central Hydraulics 52224

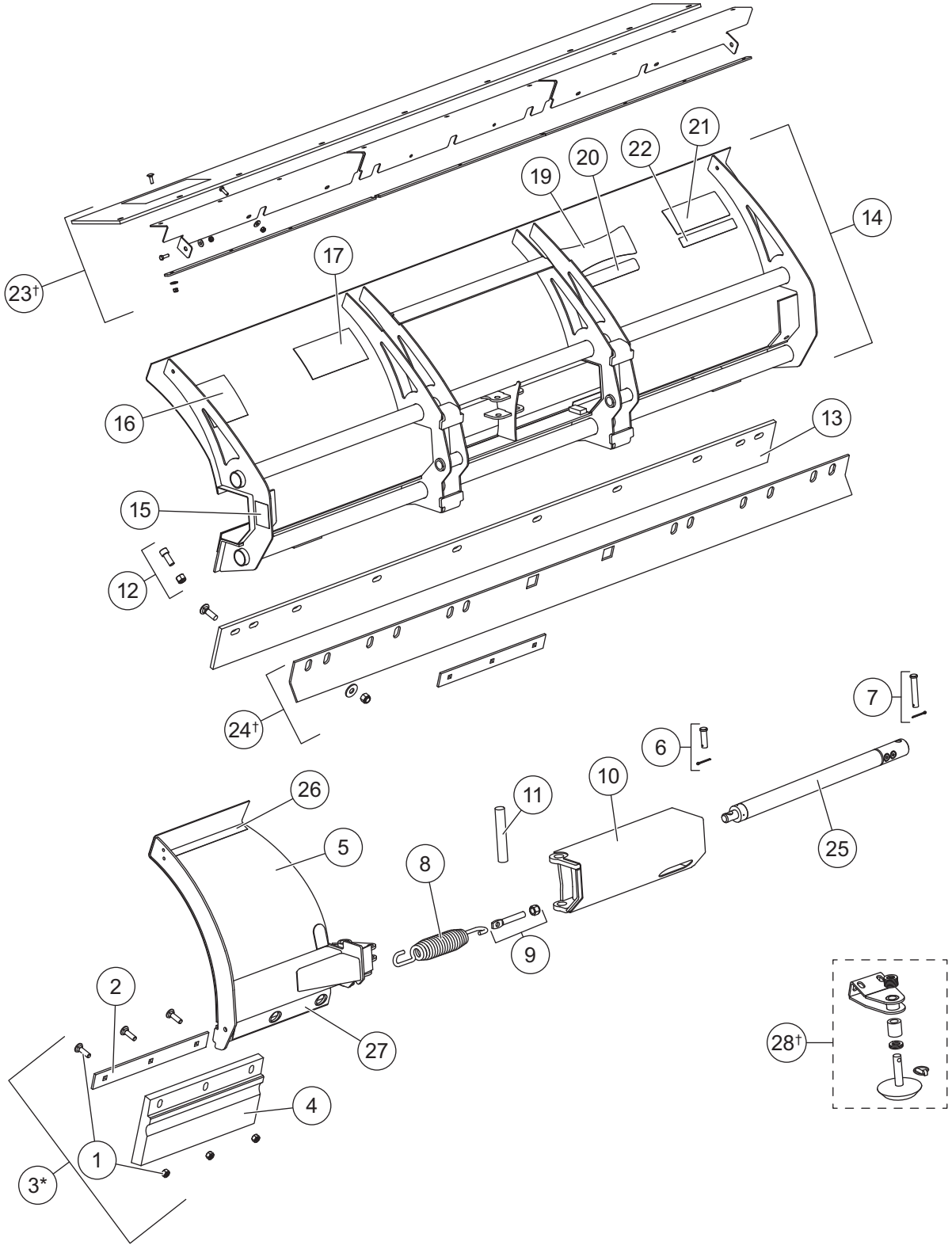
Parts List

A DIVISION OF DOUGLAS DYNAMICS, LLC

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Blade Components



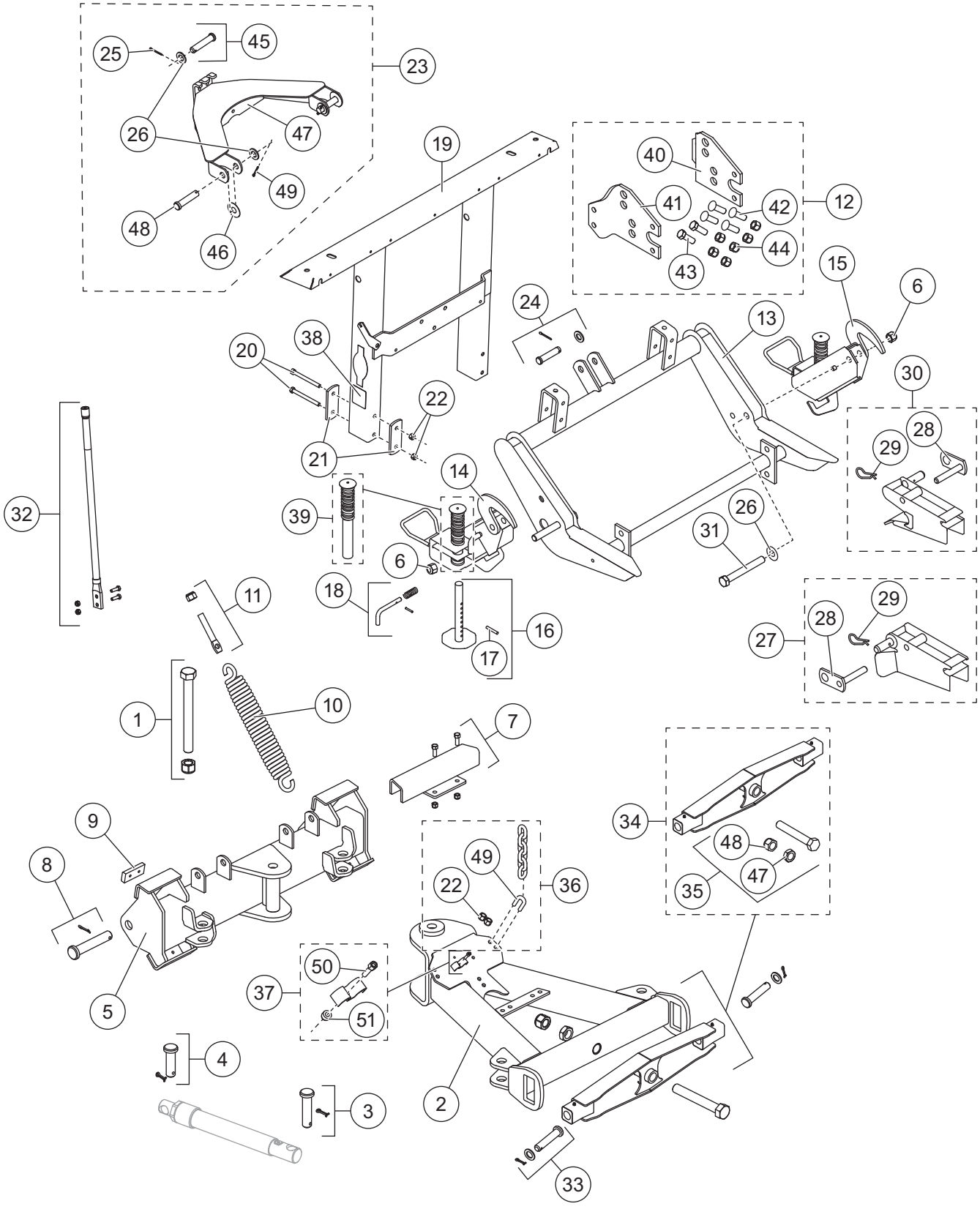
*** Does not include retainer bar (item 2).**
† Accessory only.

WIDE-OUT Blade Components					
Item	**Part**	**Description**	**Item**	**Part**	**Description**
1	50642	Bolt Kit, Urethane Edge	15	29593	Label – Warning, Multiple Pinch Points
2	50644	Retainer Bar	16	59900	Label – Warning/Caution, Snowplows
3	50626	Kit, Urethane Edge Assembly (does not include retainer bar)	17	67796	Label – Attach/Detach, UltraMount®
			19	50617	Label – Logo, WIDE-OUT
4	50645	Urethane Edge	20	28404	Label – Logo, ULTRAFINISH™
5	50649	DS Blade Wing, WIDE-OUT	21	44451	Label – Logo, WESTERN® 8.31
ns	50650	PS Blade Wing, WIDE-OUT	22	50603	Label – Logo, WIDE-OUT 8'–10'
6	50651	5/8 x 2 Pin Kit	23†	52280-1	Deflector Kit, WIDE-OUT
7	50653	5/8 x 3-1/2 Pin Kit	24†	52278	Back Drag Kit, WIDE-OUT
8	50654	Wing Spring	25	77475	Hydraulic Cylinder, Slide Box
9	66421	5/8-11 x 4 Eyebolt Kit	ns	B60373	Combo Seal Kit, Cylinder B60374
10	50658	DS Blade Slidebox, WIDE-OUT	26	50639	Wear Strip – Wing Top
ns	50659	PS Blade Slidebox, WIDE-OUT	27	50638	Wear Strip – Wing Bottom
11	50660	Wing Pin	28†	44277-1	Shoe Kit (set of 2)
12	50661	Stop Bolt Kit	ns	50618	Label – Wings, WIDE-OUT
13	64775	Cutting Edge Kit	ns	43899	Label – Logo, CONTRACTOR GRADE®
14	50667	WIDE-OUT Blade			

ns = not shown

† Accessory only.

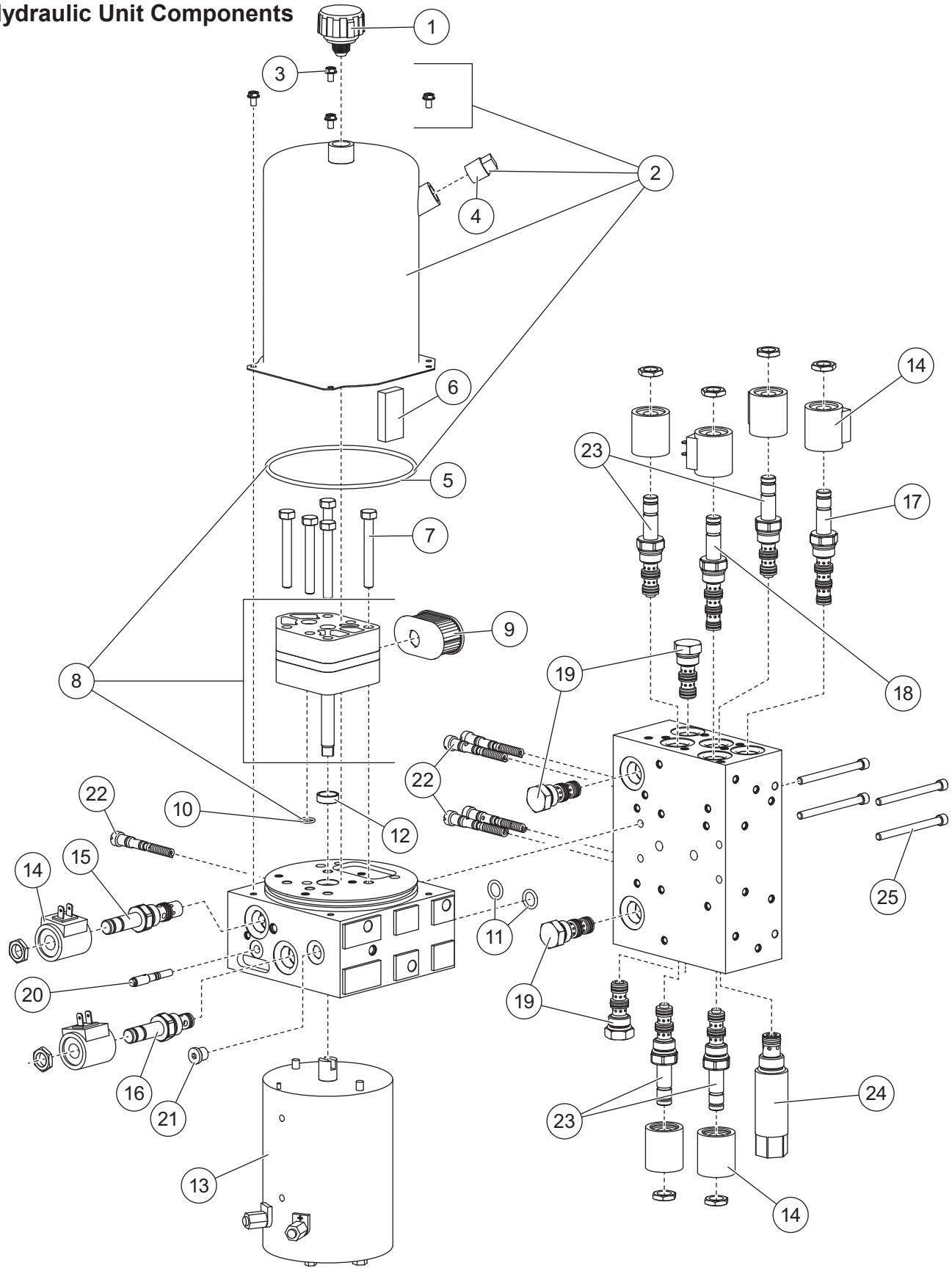
Lift Frame and A-Frame Components



WIDE-OUT Lift Frame and A-Frame Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	50668	1	Kit, Pivot Bolt	21		4	Plate – Upper Lift Frame
2	50670	1	Kit, A-Frame	22	91333	4	3/8-16 Hex Locknut GB
3	50672	2	Pin Kit, Base End	23	67850-2	1	Lift Arm Kit
4	50674	2	Pin Kit, Rod End	24	93063K	1	3/4 x 3-1/4 Clevis Pin Kit
5	50675	1	Quadrant Assembly, WIDE-OUT	25	91911K	1	5/32 x 1-1/2 Cotter Pin Kit (pkg of 4)
6	91338	6	3/4-10 Hex Locknut GB	26	91147	6	3/4 Flat Washer
7	50676	1	Stacking Stop Kit	27	76722	1	Receiver Kit – DS
8	50677	2	Pin Kit	28	67665	2	Receiver Pin
9	63976	4	Kit, Bumper	29	91965K-1	2	5/32 Hairpin Cotter
10	23039	4	Trip Spring	30	76718	1	Receiver Kit – PS
11	66421	4	Eyebolt Kit	31	66451	2	3/4-10 x 6 Hex Cap Screw G5
12	67843	1	Pivot Plate Service Kit	32	62595	1	Blade Guide Assembly Poly 24"
13	67556-2	1	Lower Lift Frame	33	49645	2	1 x 4-3/4 Clevis Pin Kit
14	72618	1	Stand Assembly – DS	34	67842-1	1	Pivot Bar Kit
15	72617	1	Stand Assembly – PS	35	67855	1	Pivot Bolt Kit
16	67847	2	Stand Shoe Kit	36	49033	2	1/4 Grade 43 Chain Assembly
17	67635	2	1/4 x 2 Roll Pin BP	37	49479-1	2	Hose Bracket Kit
18	67844	2	Stand Lock Pin Kit	38†	69689	1	Label – Logo, SECURITY GUARD™
19	44545-2	1	Upper Lift Frame	39	48523	1	Plunger w/Spring
20		4	3/8-16 x 4 Hex Cap Screw G8				
Item 12			**67843 Pivot Plate Service Kit**				
40	67707	1	Pivot Plate A	43	90127	2	5/8-11 x 1-1/2 Hex Cap Screw G5
41	67708	1	Pivot Plate B	44	91337	6	5/8-11 Hex Locknut GB
42	5572	4	5/8-11 x 2 Carriage Bolt G5				
Item 23			**67850-2 Lift Arm Kit**				
25	91911K	1	5/32 x 1-1/2 Cotter Pin Kit	47		1	Lift Arm
26	91147	3	3/4 Flat Washer	48		2	3/4 x 3-1/4 Clevis Pin
45	68740	1	3/4 x 3-1/2 Clevis Pin Kit	49	91962	2	1/8 Hairpin Cotter
46		2	Round Flat Washer – Special				
Item 34			**67842-1 Pivot Bar Kit**				
		1	Pivot Bar	35	67855	1	Pivot Bolt Kit
Item 35			**67855 Pivot Bolt Kit**				
		1	1-8 x 7 Hex Cap Screw G5	51	91340	1	1-8 Hex Locknut GB
50	67748	1	1-8 Hex Jam Nut G5				
Item 36			**49033 1/4 Grade 43 Chain Assembly (2 per snowplow)**				
		1	1/4 Grade 43 Chain	52	90453	1	3/8-16 x 1-1/2 U-Bolt G5
22	91333	2	3/8-16 Hex Locknut GB				
Item 37			**49479-1 Hose Bracket Kit (2 per snowplow)**				
		1	Hose Bracket	54	91331	1	1/4-20 Hex Locknut GB
53		1	1/4-20 x 1-1/4 Socket Cap Screw G5				
G = Grade							

† Not used for central hydraulics.

Hydraulic Unit Components



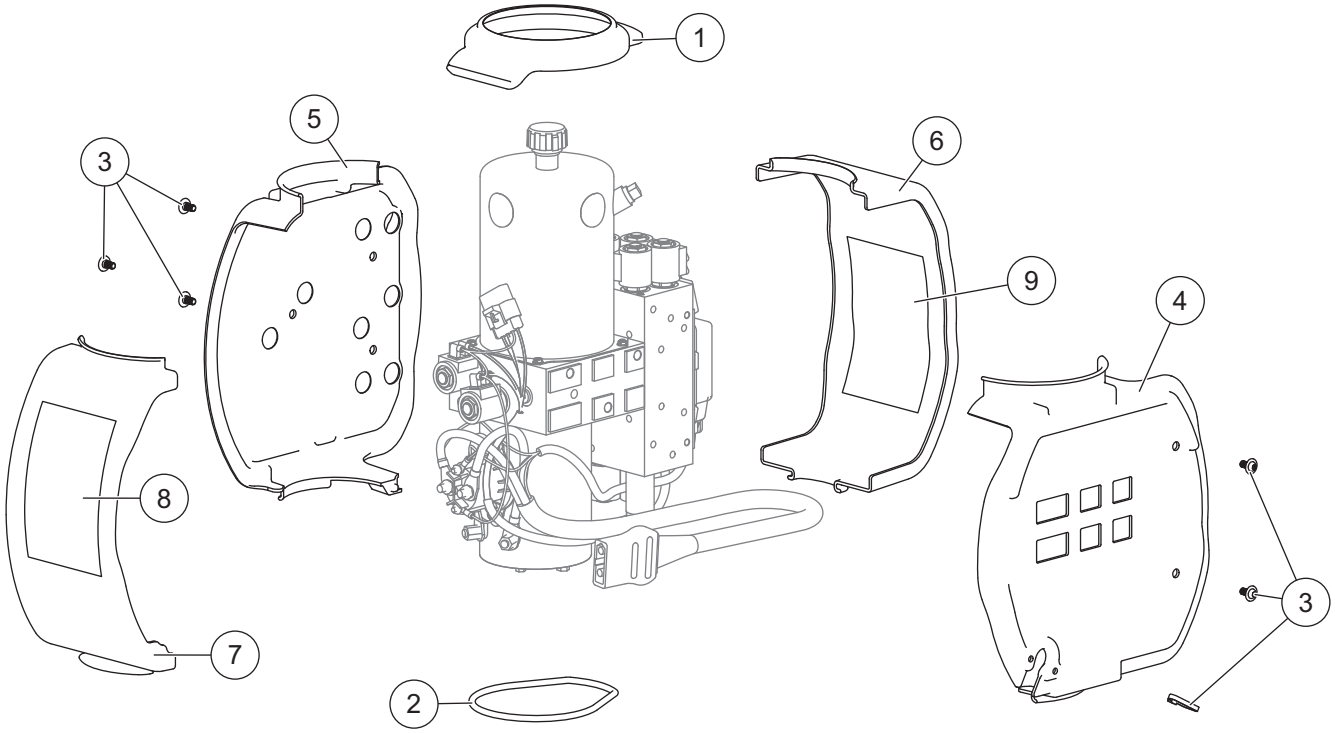
49450 Hydraulic Unit, WIDE-OUT
48256* Hydraulic Unit Service Kit, WIDE-OUT
(not used for central hydraulics)

Item	Part	Qty	Description	Item	Part	Qty	Description
1	21727-2K	1	Breather Pressure Control	17	49452	1	Valve – SV08-45 w/Nut
2	44327-3	1	Reservoir Kit	18	49456	1	Valve – SV08-41 w/Nut
3	66607	4	#10-24 x 5/16 Machine Screw	19	49458	4	Valve – PC08-30 w/Nut
4	92079	1	Plug, Square 3/8 NPTF	20	56662	1	Quill Assembly 5/16-24 Thread
5	66519	1	O-Ring 2-250		48517	1	Quill Assembly 1/2-20 Thread
6	73897	1	Magnet	21	44344	1	Plug, Hex Socket –4 M ORB
7	90080	5	5/16-18 x 2-1/2 Hex Cap Screw G5	22	49138K-5	2-1/2	Relief Valve Kit – 2 Sets
8	44328-2	1	Pump Kit	23	49228K-1	4	Cartridge 30 w/Jam Nut
9	56789-5	1	Suction Filter	24	49462	1	Crossover Relief Valve – 4000 psi
10	56274	1	O-Ring -013	25	29081	4	1/4-20 x 3 Socket Cap Screw
11	55587	2	O-Ring -112	ns	29099	2	1/4-20 x 1/4 Hex Washer-Head Thread-Rolling Screw
12	66515	1	Pump Shaft Seal				
13	21500-1	1	Motor Assembly, 4-1/2	ns	44326	1	1/4-20 x 1/2 6-Lobe Round Washer-Head Screw (pkg of 5)
14	49230K-2	8	Coil With Spade Terminals				
15	44332	1	Valve – SVCV08-20 w/Nut	ns	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
16	49227K-2	1	Valve – SV08-2004 w/Nut				
O-Ring Service Kits							
–	56657-6	–	Back-Up/O-Ring Kit (does not contain O-rings for cartridge valves)	–	49259-2	–	Seal Kit – Valves SV08-30, 31, 33, 40, 41, 43, 45, SVCV08-20 & PC08-30
–	49258-2	–	Seal Kit – Valves SV08-2004, CV08-20, SF08-2015	–	49464	–	Seal Kit – Crossover Relief Valve

ns = not shown M = Male G = Grade

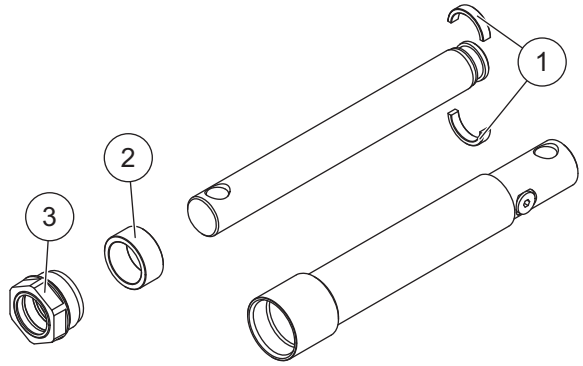
* Includes 49450 hydraulic unit, 49455 cover assembly (p. 10) and plow-side electrical components (p. 12).

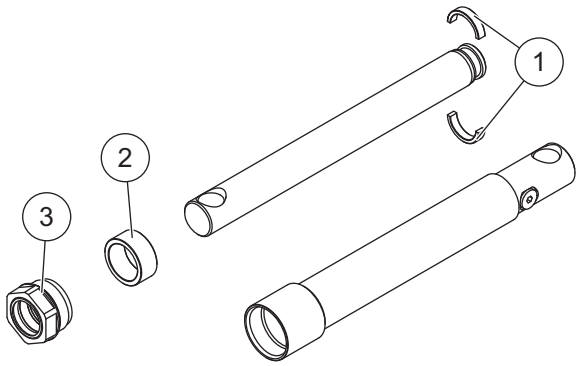
Hydraulic Unit Cover Assembly



49455 Hydraulic Unit Cover Assembly							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	44352	1	Top Retainer Ring	6		1	Cover, Side 03
2	44366	1	Bottom Retainer Ring	7		1	Cover, Side 04
3	44326	1	1/4-20 x 1/2 6-Lobe Round Washer-Head Screw (pkg of 5) w/8" Cable Tie	8	44904	1	Label – Information
				9	44906	1	Label – Information
4		1	Cover, Side 01	ns		1	Label – Logo, WIDE-OUT
5		1	Cover, Side 02	ns	61536	1	Cable Tie – 14"
ns = not shown							

Lift and Angle Ram Components

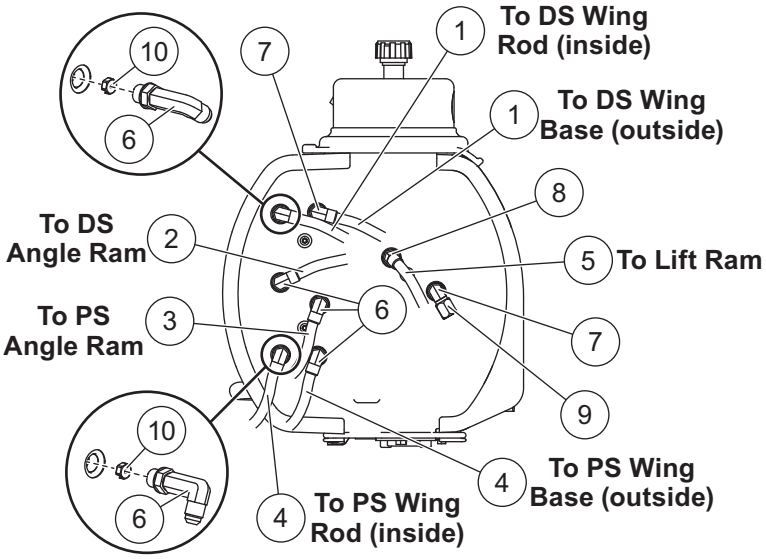


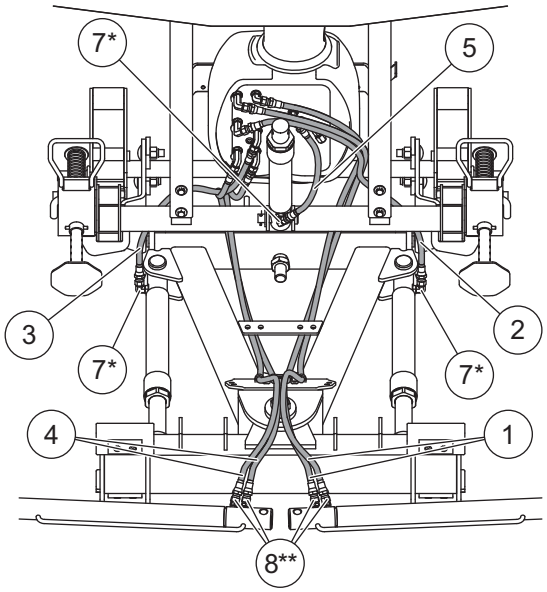


56538K Lift Ram Assembly 1-1/2 x 8			
Item	**Part**	**Qty**	**Description**
1	64650	2	Split Bearing 1-1/2
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly

49460 Angle Ram Assembly 1-1/2 x 10			
Item	**Part**	**Qty**	**Description**
1	64650	2	Split Bearing 1-1/2
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly

Hoses and Fittings

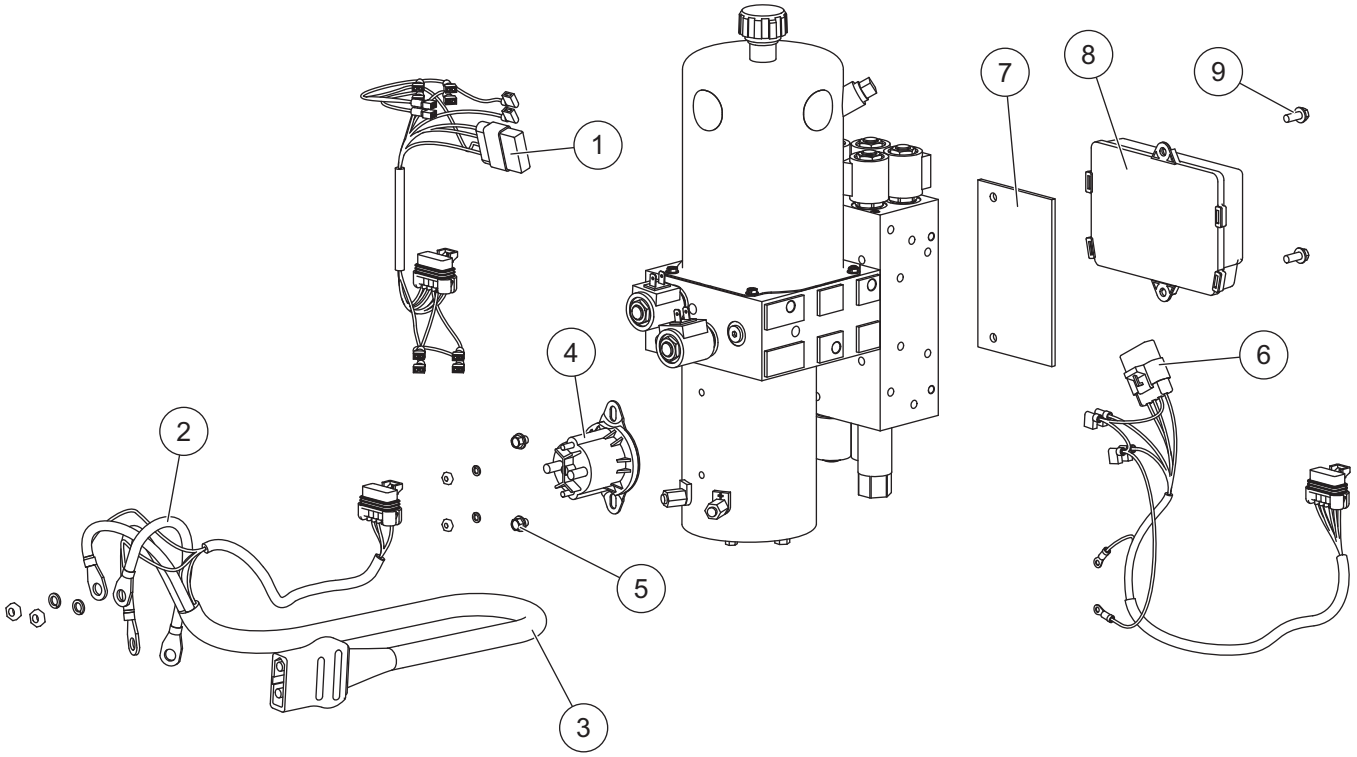




Hoses and Fittings							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	49468	2	Hose, 3/8 x 78 w/F JIC Ends	7*	56615-1	5	Elbow, 90° –6 M JIC/–6 M ORB
2	44351	1	Hose, 3/8 x 38 w/F JIC Ends	8**	26694	5	Elbow, 45° –6 M JIC/–6 M ORB
3	49469	1	Hose, 3/8 x 32 w/F JIC Ends	9	44346	1	Drain Cap, –6 F JIC
4	49467	2	Hose, 3/8 x 67 w/F JIC Ends	10	49465	2	Orifice Kit
5	56617	1	Hose, 1/4 x 16 w/F JIC Ends	ns	56823	5	Hose Wrap, Polyethylene
6	64212-1	5	Elbow, Extra Long 90° –6 M JIC/ –6 M ORB	ns	98043	3	3/8-16 x 1 Button Cap Screw
				ns	B63263	4	Label – Warning, Hose Install
F = Female				ns = not shown			M = Male

* Also used for central hydraulics, qty 3. ** Also used for central hydraulics, qty 4.

Electrical Components



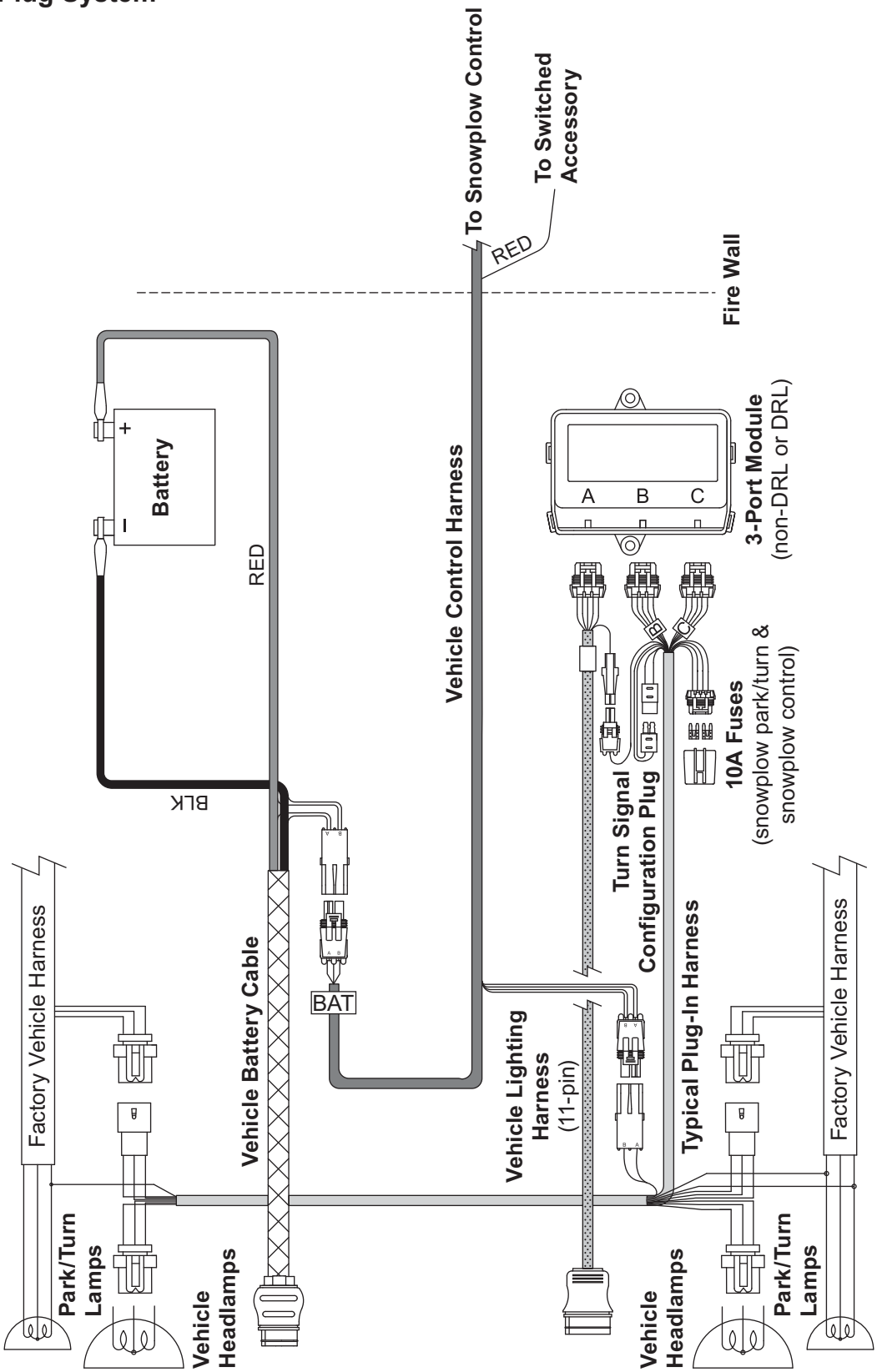
Plow-Side Electrical Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	29471	1	Harness Plow Control, 6-Solenoid	8	44354-3	1	Plow Module
2	29071	1	Cable Assembly 8"	9	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
3	42015	1	Plow Battery Cable				
4	42902	1	Motor Relay Kit	ns	61246	1	Cable Boot
5	29099	2	1/4-20 x 1/4 Hex Washer-Head Thread-Rolling Screw	ns	56099	1	Dielectric Grease
				ns		4	Fuse, 4A Mini Automotive Blade-Style (for items 1 & 6)
6	29461-1	1	Harness Plow Control, 2-Solenoid				
7	44308		Spacer Module				
Vehicle-Side Electrical Components							
* †	72527	1	Vehicle Battery Cable	ns	61548K	1	Plug Cover Kit
* †	28587	1	Vehicle Control Harness				
ns**	26498	1	Vehicle Control Harness – Central Hydraulics				
ns = not shown							

* For diagram, see Vehicle-Side Harness Diagram.

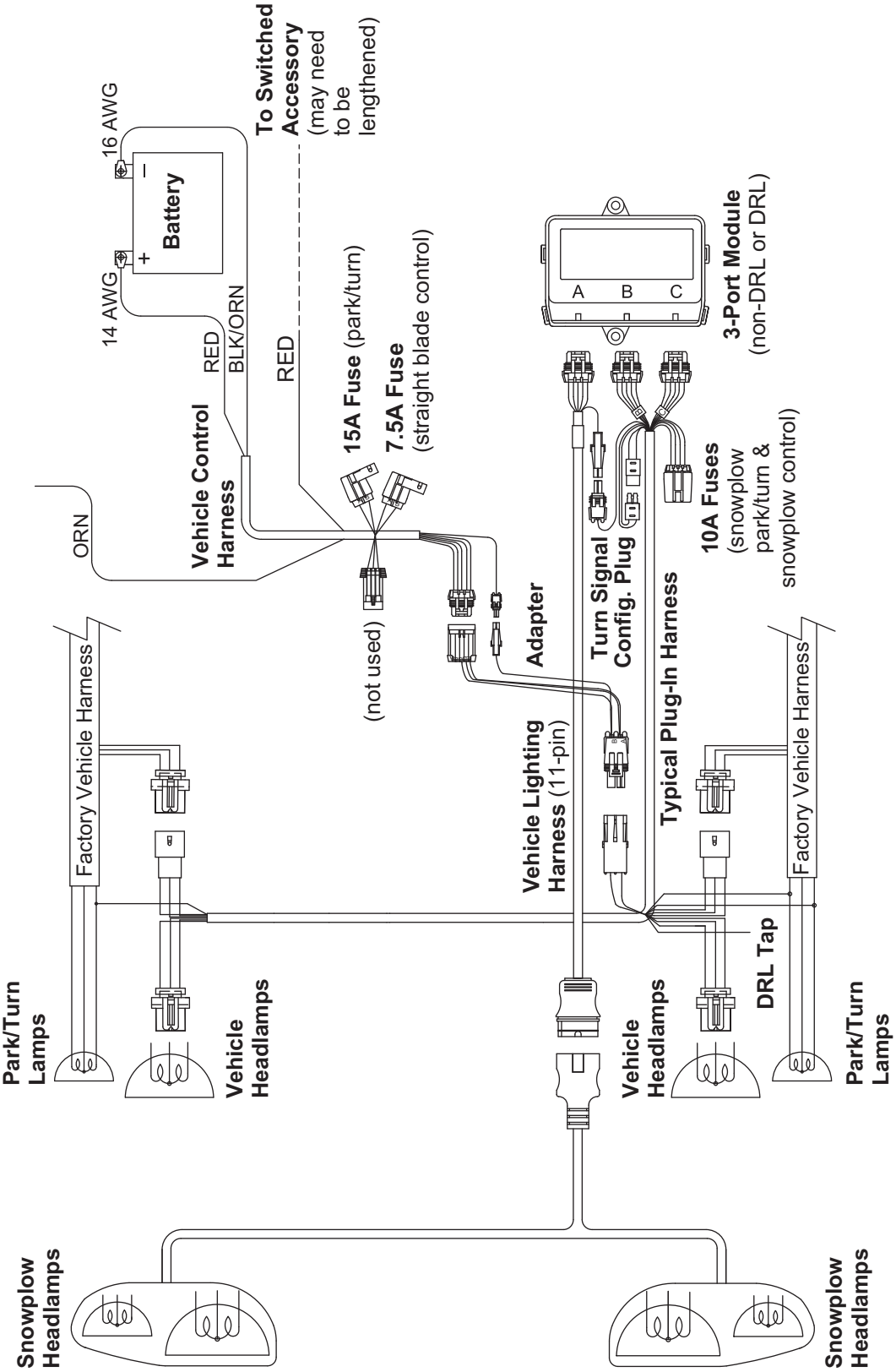
** For diagram, see Vehicle-Side Harness Diagram – Central Hydraulics.

† Not used for central hydraulics.

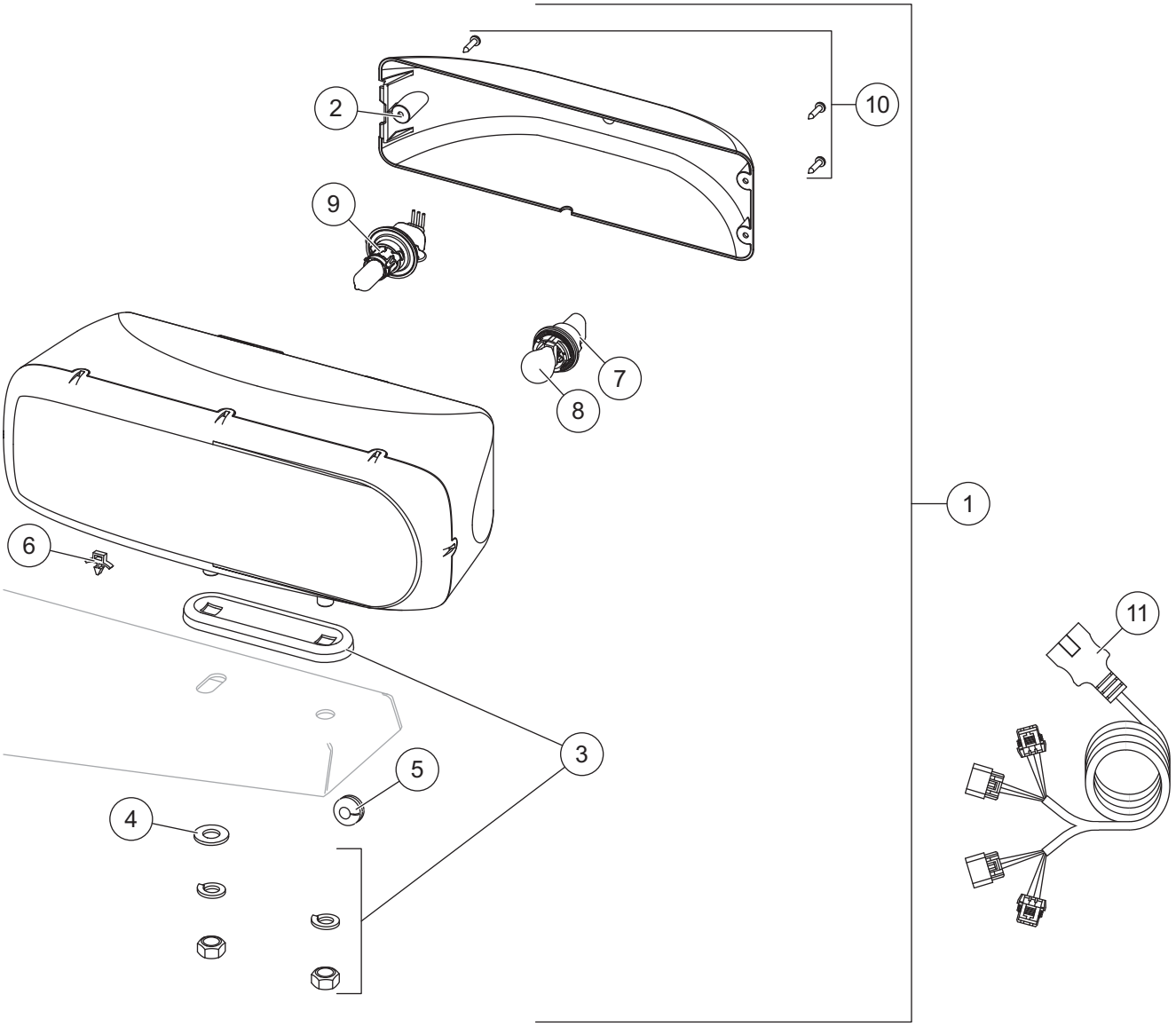
Vehicle-Side Wiring Diagram
3-Port, 2-Plug System



Vehicle-Side Harness Diagram – Central Hydraulics



Headlamp Kit



28800-1 Headlamp Kit (pair)							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	28801-1	1	Headlamp Service Kit – DS	6	56595	7	Cable Tie Anchor
ns	28802-1	1	Headlamp Service Kit – PS	7	28805	2	Park/Turn Socket Service Kit
2	28803-1	2	Rear Cover Kit (fits 2- or 3-screw)	8		2	Park/Turn Bulb (trade no. 4157NAK)
3	28804	2	Mounting Hardware Kit	9	28806	2	Headlamp Bulb Service Kit H13
4	4433	2	1/2 Flat Washer Type B Wide	10	28808-1	2	Cover Screws Service Kit (3 screws)
5	66130	2	Rubber Grommet	11	28213W	1	Harness Service Kit
ns = not shown							

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