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WIDE-OUT™ Snowplow

Blade Assembly 52810
Center Assembly 52300
Center Assembly, Central Hydraulics 52310

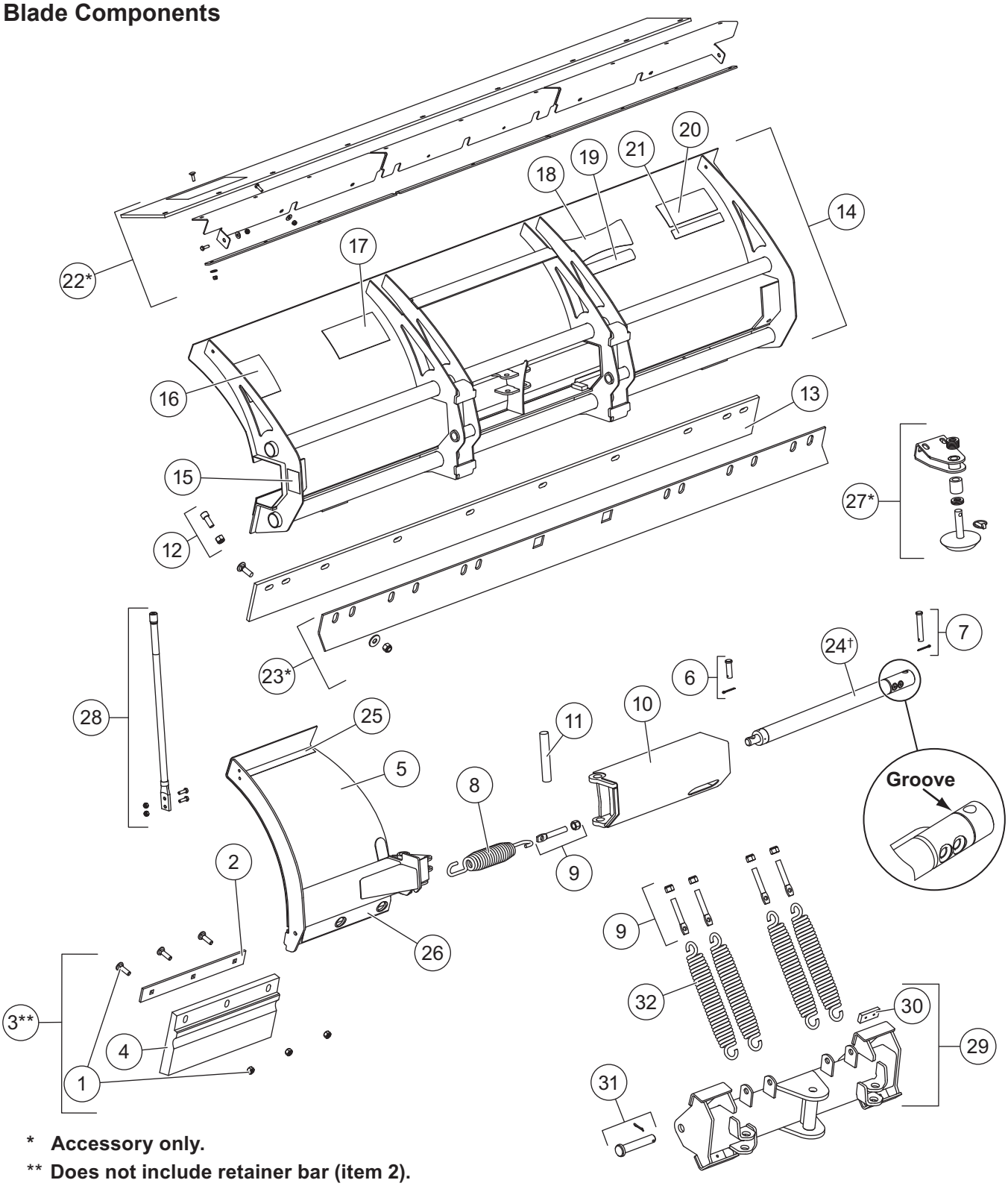
Parts List

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Blade Components



* Accessory only.

** Does not include retainer bar (item 2).

† Current ram has a groove around the base near the pin hole. Earlier ram does not have a groove.

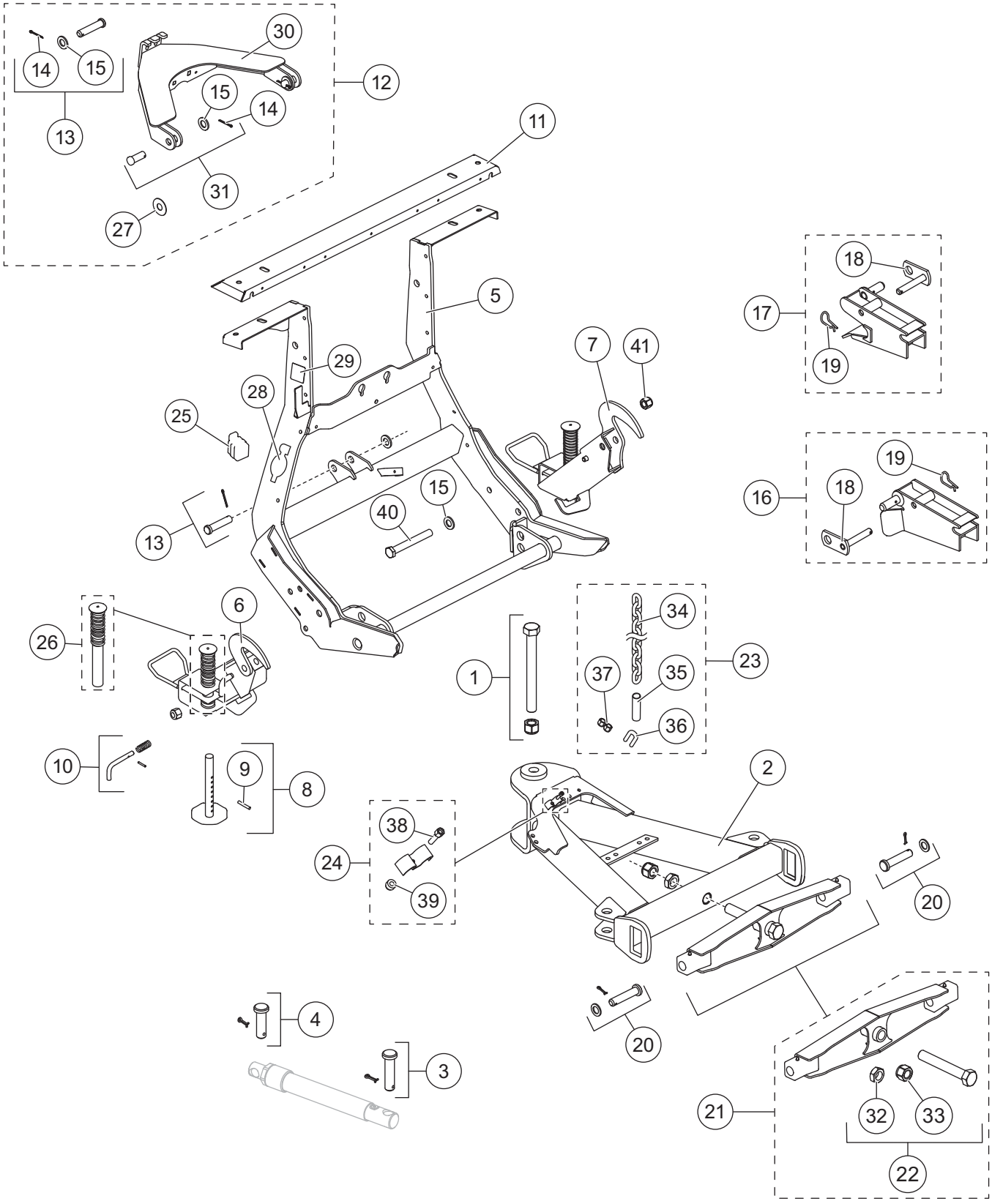
WIDE-OUT Blade Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	50642	1	Bolt Kit, Urethane Edge	19	28404	1	Label – Logo, ULTRAFINISH™
2	50644	2	Retainer Bar	20	44451	1	Label – Logo, WESTERN® 8.31
3**	50626	1	Urethane Edge Assembly Kit	21	50603	1	Label – Logo, WIDE-OUT 8'–10'
4	50645	1	Urethane Edge	22*	52280-1	1	Deflector Kit, WIDE-OUT
5	50649	1	Blade Wing, WIDE-OUT – DS	23*	52278	1	Back Drag Kit, WIDE-OUT
ns	50650	1	Blade Wing, WIDE-OUT – PS	24†	77475	2	Ram Assembly 1-1/2 x 13-15/16 DA
6	50651	2	5/8 x 2 Pin Kit	ns	B60373	2	Combo Seal Kit, Cylinder B60347
7	50653	2	5/8 x 3-1/2 Pin Kit	ns	43794	2	Seal Kit, Ram Assembly 43803
8	50654	2	Wing Spring	25	50639	2	Wear Strip, Wing Top
9	66421	6	5/8-11 x 4 Eyebolt Kit	26	50638	2	Wear Strip, Wing Bottom
10	50658	1	Blade Slidebox, WIDE-OUT – DS	27*	44277-1	2	Shoe Kit (set of 2)
ns	50659	1	Blade Slidebox, WIDE-OUT – PS	ns	50618	2	Label – Logo, WIDE-OUT Wings
11	50660	2	Wing Pin	ns	40986	1	Label – Logo, CONTRACTOR GRADE®
12	50661	2	Stop Bolt Kit				
13	64775	1	Cutting Edge Kit	28	62595	1	Blade Guide Assembly, Poly (set of 2)
14	50667	1	WIDE-OUT Blade	29	50675	1	Quadrant Assembly, WIDE-OUT
15	29593	2	Label – Warning, Multiple Pinch Points	30	63976	2	Bumper Kit
16	59900	1	Label – Warning/Caution, Snowplows	31	50677	2	Pin Kit
17	43360	1	Label – Attach/Detach, UltraMount® 2	32	23039	4	Trip Spring
18	50617	1	Label – Logo, WIDE-OUT				
Item 3**			**50626 Urethane Edge Assembly Kit**				
1	50642	1	Bolt Kit, Urethane Edge	4	50645	2	Urethane Edge
ns = not shown							

* Accessory only.

** Does not include retainer bar (item 2).

† Current ram has a groove around the base near the pin hole. Earlier ram does not have a groove.

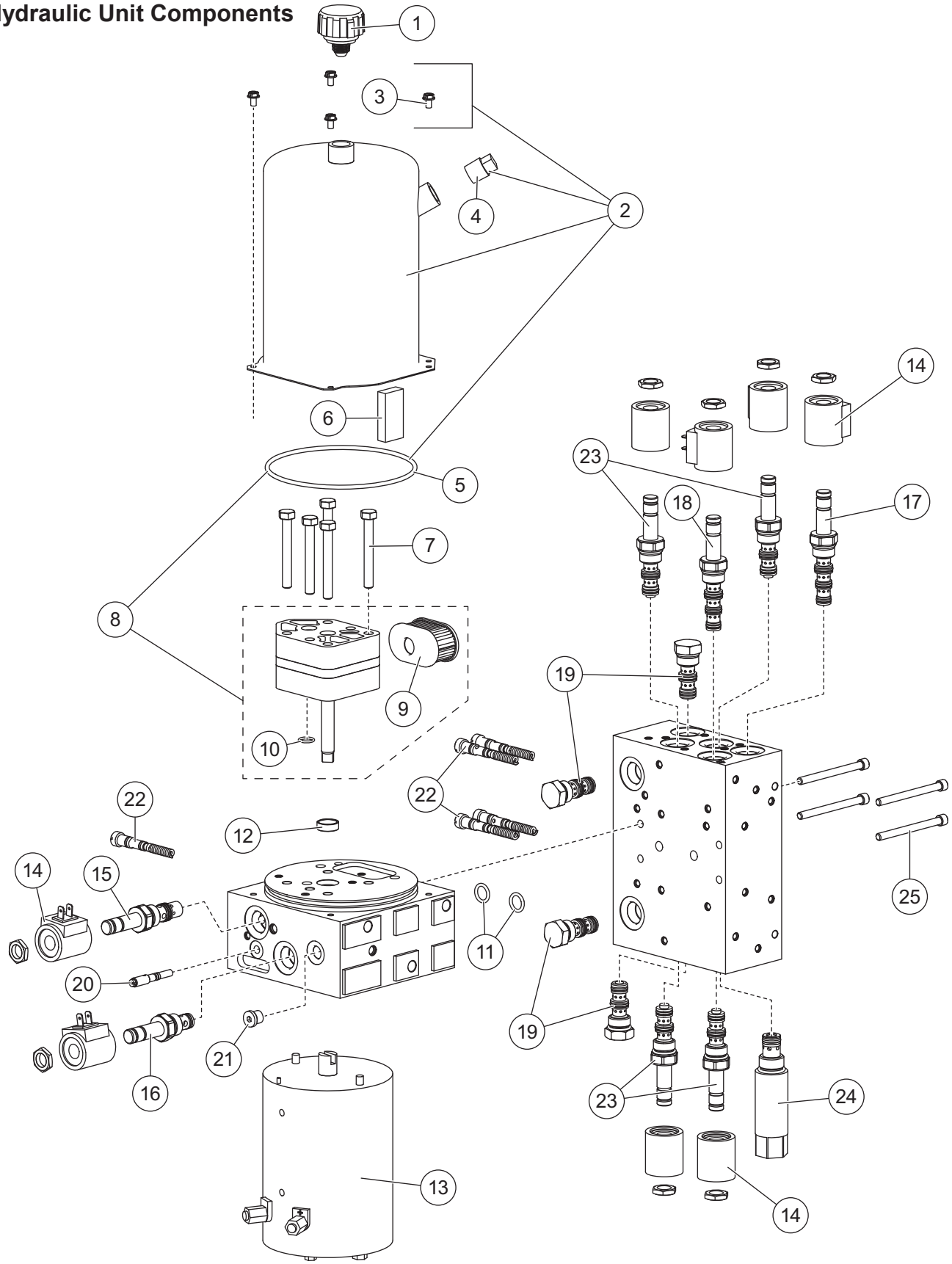
Lift Frame and A-Frame Components



WIDE-OUT Lift Frame and A-Frame Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	50668	1	Pivot Bolt Kit	14	91911K	1	5/32 x 1-1/2 Cotter Pin Kit (pkg of 4)
2	50670	1	A-Frame Kit	15	91147	4	3/4 Flat Washer
3	50672	2	Pin Kit, Base End	16	76722	1	Receiver Kit – DS
4	50674	2	Pin Kit, Rod End	17	76718	1	Receiver Kit – PS
5	86790	1	Lift Frame Kit	18	42498	2	Receiver Pin
6	72618	1	Stand Assembly – DS	19	91965K-1	2	5/32 Hairpin Cotter
7	72617	1	Stand Assembly – PS	20	49645	2	1 x 4-3/4 Clevis Pin Kit
8	67847	2	Stand Shoe Kit	21	67842-1	1	Pivot Bar Kit
9	67635	2	1/4 x 2 Roll Pin BP	22	67855	1	Pivot Bolt Kit
10	67844	2	Stand Lock Pin Kit	23	49033	2	1/4 Grade 43 Chain Assembly
11	43302	1	Light Channel	24	49479-1	2	Hose Bracket Kit
12	43304	1	Lift Arm Kit	25	61246	1	Cable Boot
13	68740	2	3/4 x 3-1/2 Clevis Pin Kit	26	48523	1	Plunger w/Spring
Item 5			**86790 Lift Frame Kit**				
		1	Lift Frame	28	43358	2	Label – Logo, UltraMount® 2
6		1	Stand Assembly – DS	29†	69689	1	Label – Logo, SECURITY GUARD™
7		1	Stand Assembly – PS	ns	79160	1	Parts Bag
27		2	UHMW Round Flat Washer, Special				
Item 12			**43304 Lift Arm Kit**				
13	68740	1	3/4 x 3-1/2 Clevis Pin Kit	30		1	Lift Arm
27		2	UHMW Round Flat Washer, Special	31	43351	2	3/4 x 2 Clevis Pin Kit
Item 13			**43351 3/4 x 3-1/2 Clevis Pin Kit**				
		1	3/4 x 3-1/2 Pin	15	91147	1	3/4 Flat Washer
14	91911K	1	5/32 x 1-1/2 Cotter Pin Kit (pkg of 4)				
Item 16			**76722 Receiver Kit – DS**				
		1	Receiver – DS	19	91965K-1	2	5/32 Hairpin Cotter
18	42498	2	Receiver Pin				
Item 17			**76718 Receiver Kit – PS**				
		1	Receiver – PS	19	91965K-1	2	5/32 Hairpin Cotter
18	42498	2	Receiver Pin				
Item 21			**67842-1 Pivot Bar Kit**				
		1	Pivot Bar	22	67855	1	Pivot Bolt Kit
Item 22			**67855 Pivot Bolt Kit**				
		1	1-8 x 7 Hex Cap Screw G5	33	91340	1	1-8 Hex Locknut GB
32	67748	1	1-8 Hex Jam Nut G5				
Item 23			**49033 1/4 Grade 43 Chain Assembly (2 per snowplow)**				
34		1	1/4 Grade 43 Chain	36	90453	1	3/8-16 x 1-1/2 U-Bolt G5
35		1	Plastic Tube	37	91333	2	3/8 x 16 Hex Locknut GB
Item 24			**49479-1 Hose Bracket Kit (2 per snowplow)**				
		1	Hose Bracket	39	91331	1	1/4-20 Hex Locknut GB
38		1	1/4-20 x 1-1/4 Socket Cap Screw G5				
Item 31			**43351 3/4 x 2 Clevis Pin Kit**				
		1	3/4 x 2 Pin	15	91147	1	3/4 Flat Washer
14	91911K	1	5/32 x 1-1/2 Cotter Pin Kit (pkg of 4)				
79160 Parts Bag							
15		2	3/4 Flat Washer	41		2	3/4-10 Hex Locknut GB
40		2	3/4-10 x 6 Hex Cap Screw G5				
ns = not shown							G = Grade

† Not used for central hydraulics.

Hydraulic Unit Components



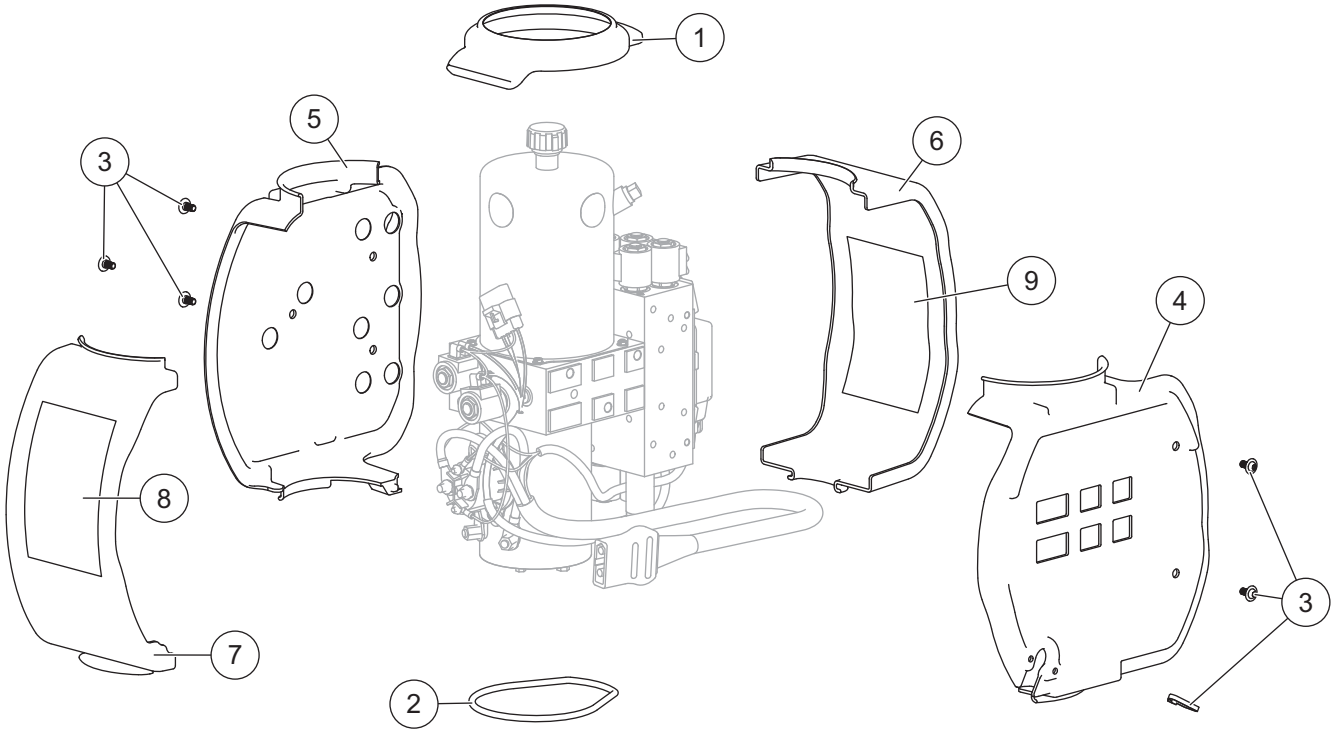
49450 Hydraulic Unit WIDE-OUT
48256* Hydraulic Unit Service Kit WIDE-OUT
(not used for central hydraulics)

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 w/ 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

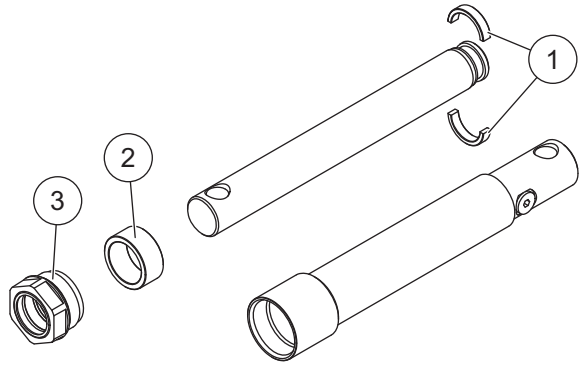
* Includes 49450 hydraulic unit, 49455 cover assembly (p. 10), and plow-side electrical components (p. 12).

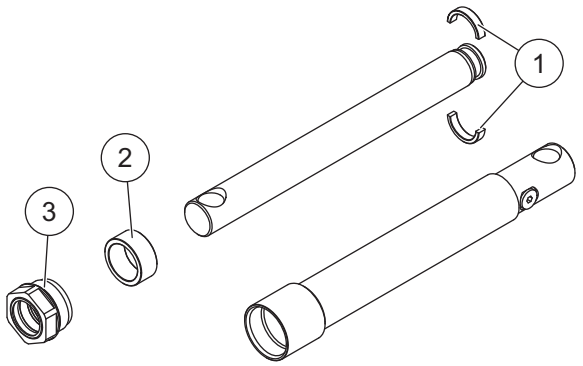
Hydraulic Unit Cover Assembly



49455 Cover Assembly							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	44352	1	Top Retainer Ring	7	44304	1	Cover, Side 4
2	44366	1	Bottom Retainer Ring	8	44904	1	Label – Information (S1–S2)
3	44326	1	1/4-20 x 1/2 6-Lobe Round Washer-Head Screw (pkg of 5) w/8" Cable Tie	9	44906	1	Label – Information (S5–S10)
4		1	Cover, Side 1	ns		1	Label – Logo, WIDE-OUT Hydraulic Unit
5		1	Cover, Side 2	ns	61536	1	Cable Tie, 14"
6	44303	1	Cover, Side 3				
ns = not shown							

Lift and Angle Ram Components

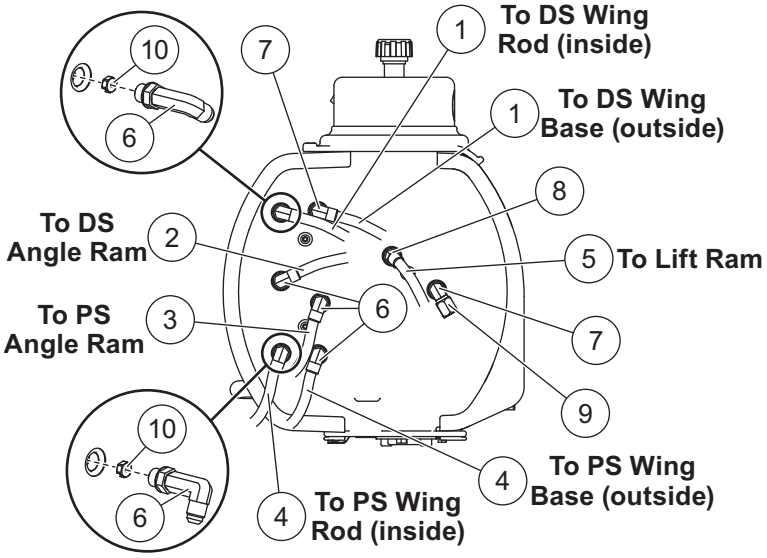


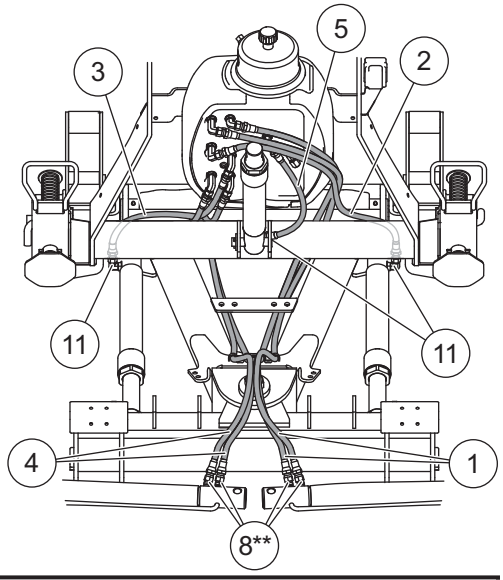


56538K Lift Ram Assembly 1-1/2 x 8			
Item	**Part**	**Qty**	**Description**
1	64650	2	Split Bearing 1-1/2
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly

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

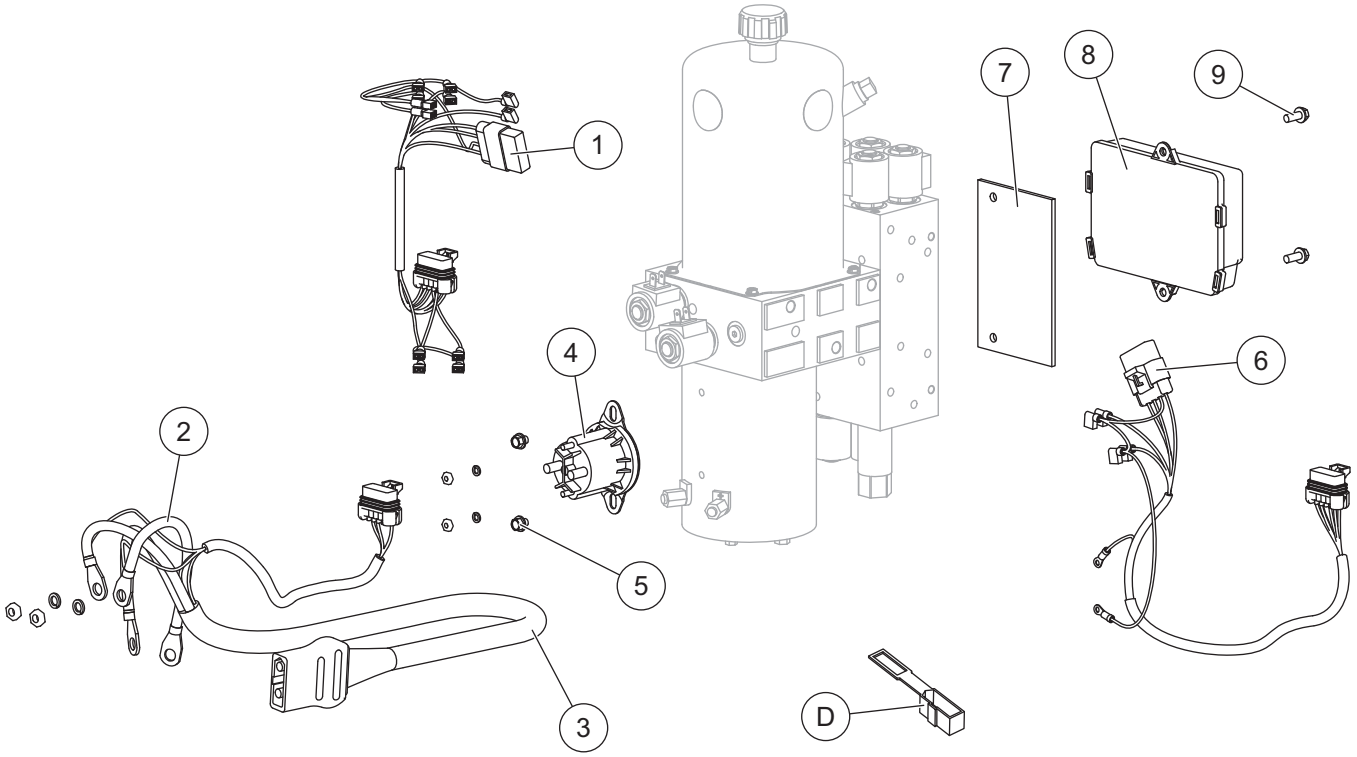




Hoses and Fittings							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	49468	2	Hose, 3/8 x 78 w/F JIC Ends	8**	26694	5	Elbow 45° –6 M JIC/–6 M ORB
2	44351	1	Hose, 3/8 x 38 w/F JIC Ends	9	44346	1	Drain Cap –6 F JIC
3	49469	1	Hose, 3/8 x 32 w/F JIC Ends	10	49465	2	Orifice Kit
4	49467	2	Hose, 3/8 x 67 w/F JIC Ends	11	77929	3	Elbow, 90° –6 M JIC/–6 M ORB w/Screen
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
7*	56615-1	5	Elbow 90° –6 M JIC/–6 M ORB				
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	7	44308	11	Spacer Module
2	29071	1	Cable Assembly 8"	8	44354-3	1	Plow Module
3	42015	1	Plow Battery Cable	9	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
4	42902	1	Motor Relay Kit				
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-Style (for items 1 & 6)
6	29461-1	1	Harness, Plow Control – 2-Solenoid				
ns = not shown							

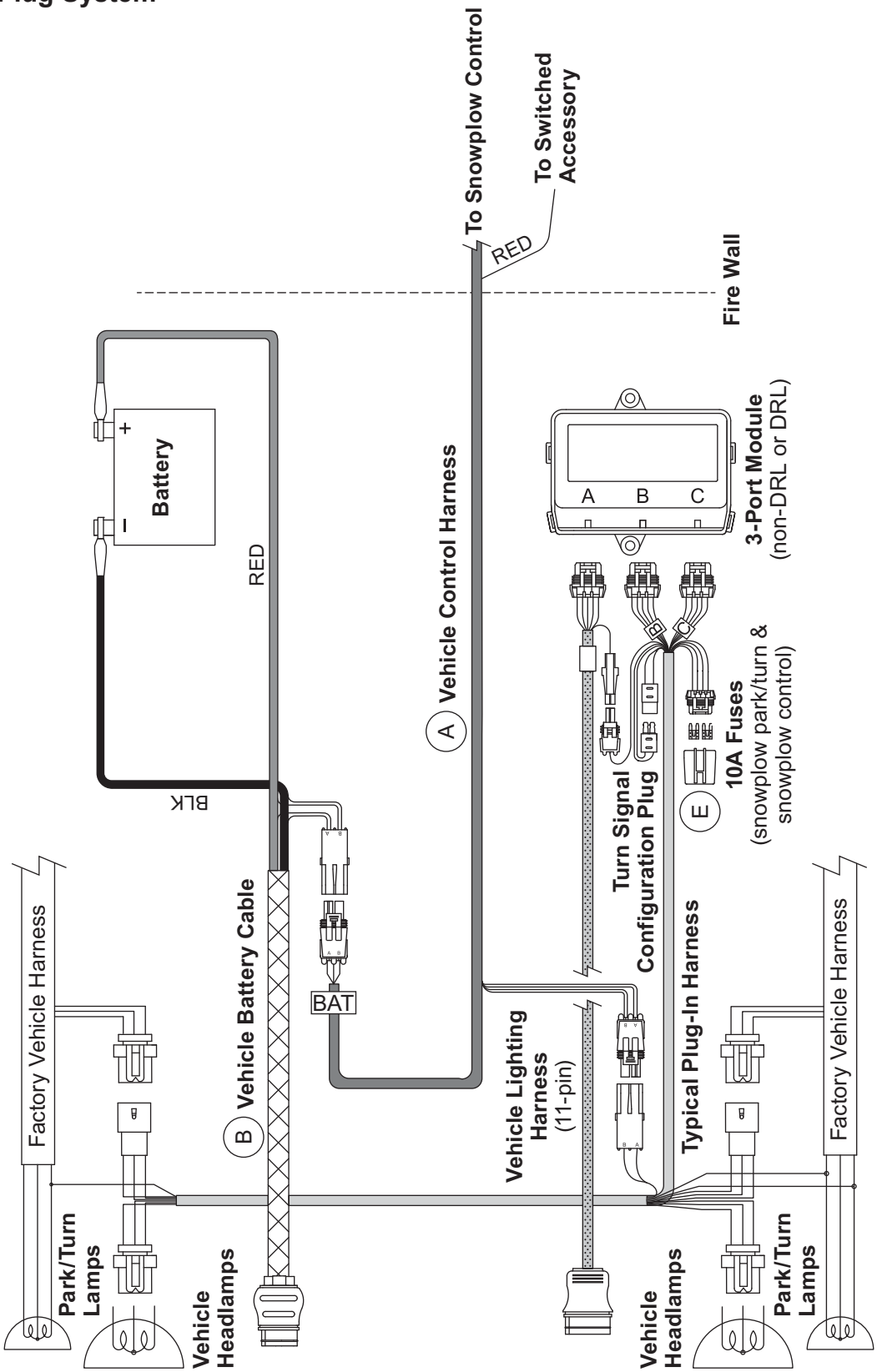
Vehicle-Side Electrical Components (diagrams on following pages)							
A*†	28587	1	Vehicle Control Harness	D	61548K	1	Plug Cover Kit (shown with plow-side electrical components)
B*†	72527	1	Vehicle Battery Cable				
C**	26498	1	Vehicle Control Harness – Central Hydraulics	E	29998	1	Fuse Cover (pkg of 5)

* For diagram, see Vehicle-Side Harness Diagram – 3-Port, 2-Plug System.

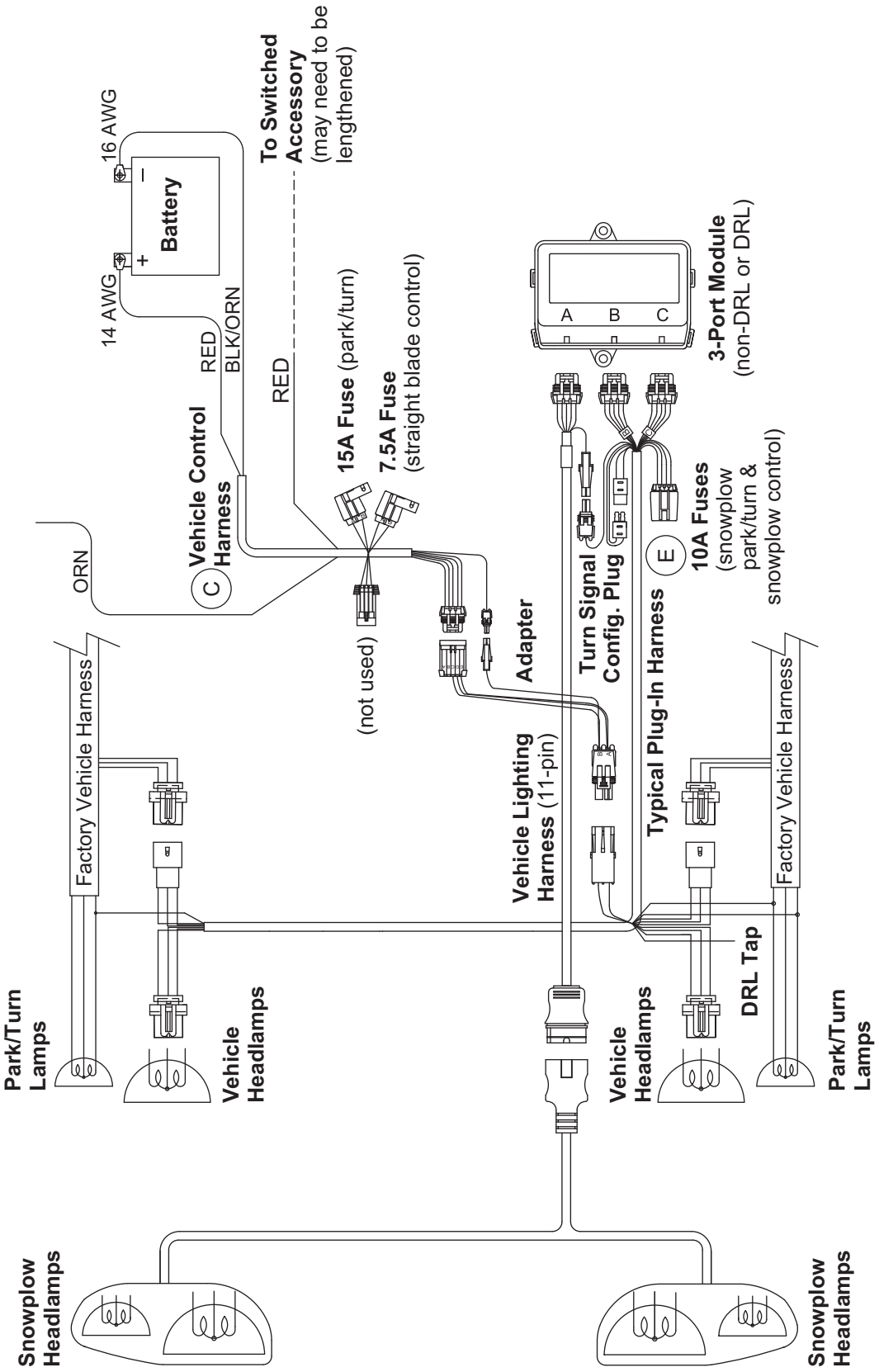
** For diagram, see Vehicle-Side Harness Diagram – Central Hydraulics.

† Not used for central hydraulics.

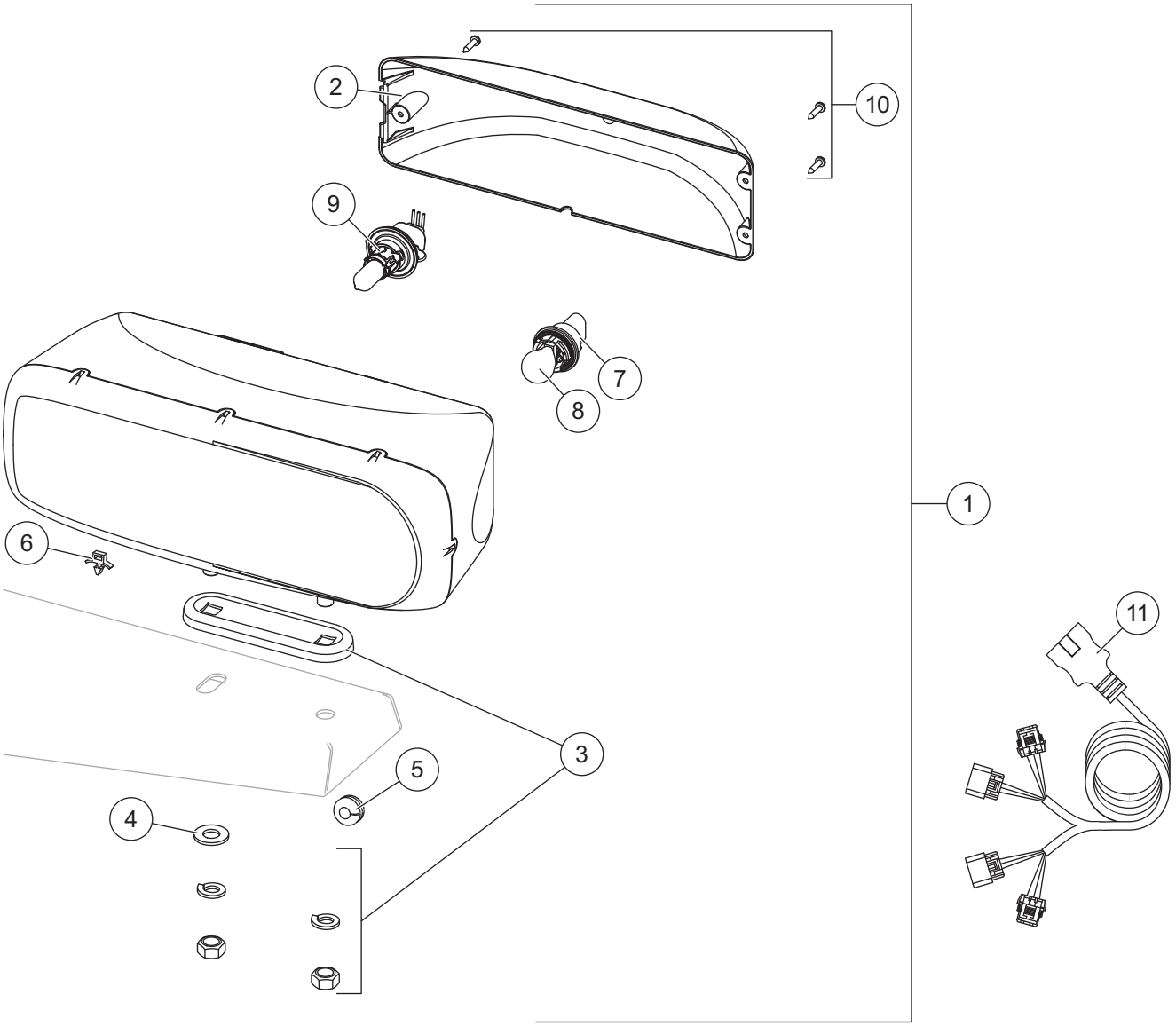
Vehicle-Side Harness Diagram
3-Port, 2-Plug System



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	91105	2	1/2 Flat Washer	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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