



7-1/2', 8-1/2' and 9-1/2' MVP PLUS™ Snowplows

Mild Steel Blades 44475-1, 44485-1, 44495-1

Poly Blades 44575-1, 44585-1, 44595-1

H,L&T Center Assembly 74225

H,L&T Center Assembly, Central Hydraulics 75225

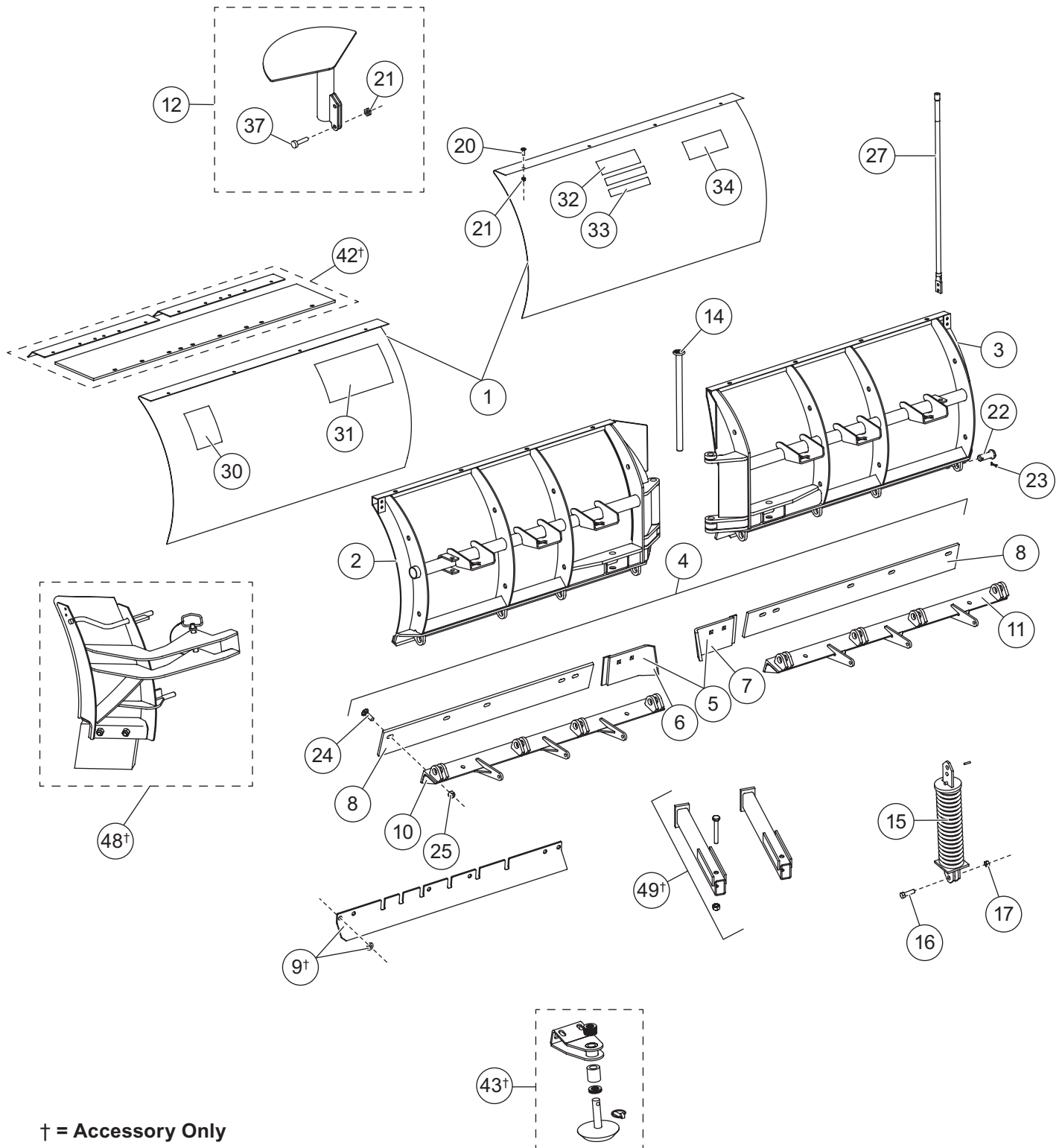
Parts List



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Blade Components – 9-1/2' Shown



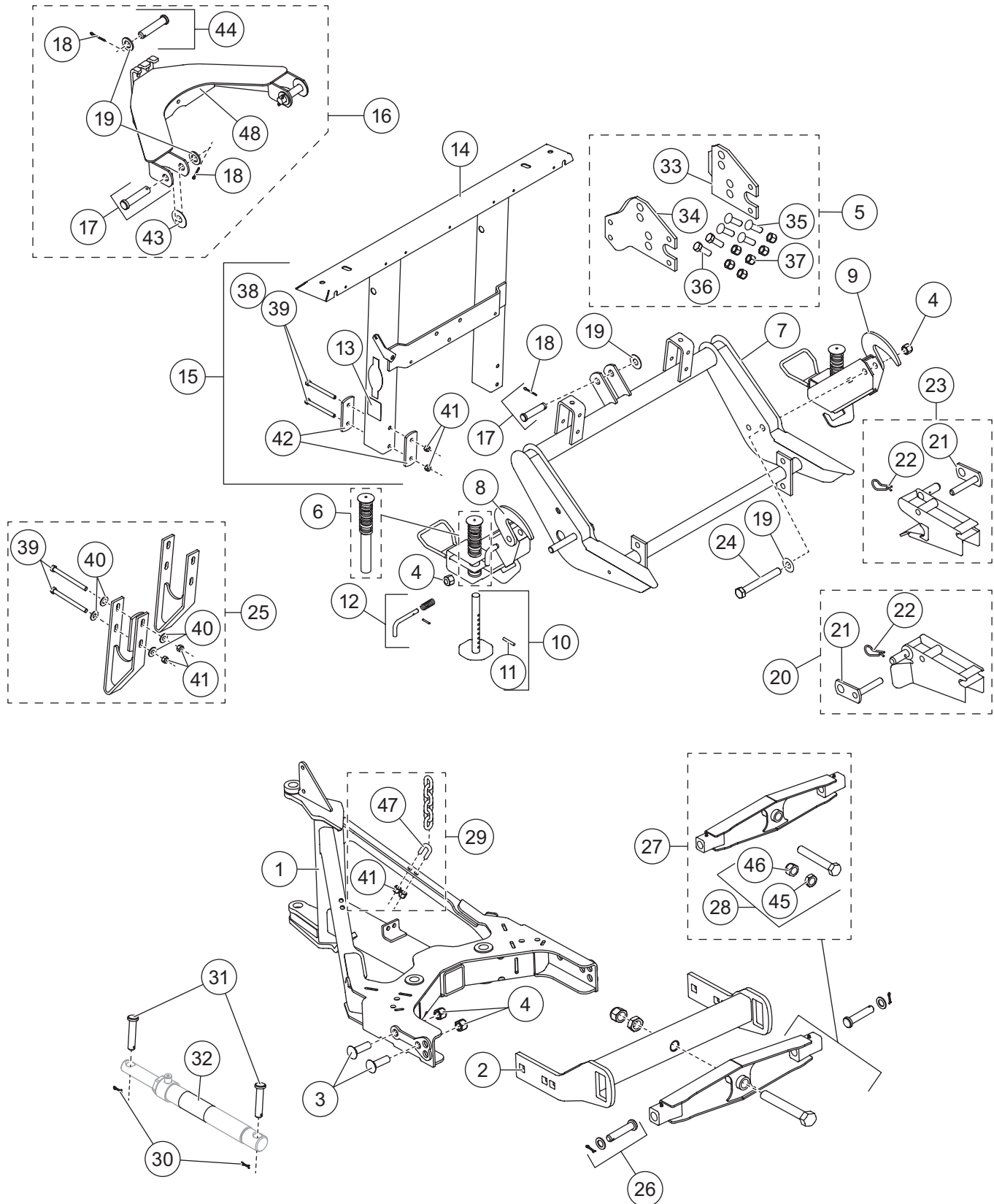
MVP PLUS™ BLADES 44475-1/44485-1/44495-1/44575-1/44585-1/44595-1

44475-1/44485-1/44495-1/44575-1/44585-1/44595-1 MVP PLUS Blade							
Item Description		Part					
		7-1/2'		8-1/2'		9-1/2'	
		MS	PY	MS	PY	MS	PY
1	Moldboard Kit w/Fasteners & Labels	44715	44718	44716	44719	44717	44720
2	Frame, Base Angle & Spring Assembly – DS	44730		44731		44732	
3	Frame, Base Angle & Spring Assembly – PS	44733		44734		44735	
4	Cutting Edge Kit (3/8")	44561-1		44564-1		n/a	
	Cutting Edge Kit (1/2")	44284-1†		44285-1†		44567-1	
5	Center Cutting Edge Kit	44894					
6	Center Cutting Edge – DS	44891					
7	Center Cutting Edge – PS	44890					
8	Cutting Edge (3/8")	44896		44897		n/a	
	Cutting Edge (1/2")	44996†		44997†		44898	
9†	Back Drag Edge Kit	44281-3†		44282-3†		44283-3†	
10	Base Angle – DS	44142		44144		44146	
11	Base Angle – PS	44143		44145		44147	
12	Center Snow Control Kit	44570				44571	
† = Accessory Only							

Blade Pins, Fasteners, Labels & Springs					
Item	Part	Description	Item	Part	Description
14	44028	Main Pivot Pin	30	59900	Label – Warning/Caution, Snowplows
15	21452	Removable Spring Assembly	31	67796	Label – UltraMount® Attach/Detach
16	91000	7/16-14 x 1/2 x 1-5/8 Shoulder Bolt	32	44453	Label – Identity, MVP PLUS
17	90353	7/16-14 Hex Locknut GB	33	28404	Label – Identity, ULTRAFINISH™ (mild steel moldboards only)
20	98043	3/8-16 x 1 Button Cap Screw	34	44451	Label – Identity, WESTERN® 8.31"
21	91333	3/8-16 Hex Locknut GB	ns	40986	Label – Identity, CONTRACTOR GRADE®
22	27227	1 x 2-3/4 Clevis Pin	ns	44790	Bolt Bag – Rubber Deflector, V
23	90607	1/4 x 1-3/4 Cotter Pin	ns	44763	Bolt Bag – Cutting Edge Kits (one side – 5 sets of fasteners)
24	5572	5/8-11 x 2 Carriage Bolt G5			
25	91337	5/8-11 Hex Locknut GB			
27	62595	Poly Blade Guide Kit			
Item 12 Center Snow Control Kit – 44570 (7-1/2' & 8-1/2' Blades) or 44571 (9-1/2' Blades)					
		Center Deflector	37	66456*	3/8-16 x 1-1/4 Hex Cap Screw G5
21	91333*	3/8-16 Hex Locknut GB			
Blade Accessories					
42†	44280	Deflector Kit (universal)	49†	44473	Blade Stop Kit
43†	44277-1	Shoe Kit (set of 2)	ns†	44674	Label Kit – Complete Blade
48†	44510-1	Blade Wing Extension Kit (8-1/2' & 9-1/2' blades only)			
ns = not shown * = Packed w/HL&T Center Assembly G = Grade † = Accessory Only					

MVP PLUS™ H,L&T CENTER ASSEMBLY 74225/75225(CH)

Lift Frame and T-Frame Components



MVP PLUS™ H,L&T CENTER ASSEMBLY 74225/75225(CH)

MVP PLUS Lift Frame and T-Frame Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	44546-2†	1	T-Frame Service Kit	17	93063K	3	3/4 x 3-1/4 Clevis Pin Kit
2	44557-2	1	Pushbeam	18	91911K	4	5/32 x 1-1/2 Cotter Pin Kit
3	63913	4	3/4-10 x 2-1/2 Carriage Bolt G5	19	91147	6	3/4 Flat Washer
ns	90459‡	4	3/4-10 x 2-1/2 Hex Cap Screw G5	20	67858	1	Receiver Kit – DS
4	91338	6	3/4-10 Hex Locknut GB	21	67665	2	Receiver Pin
5	67843	1	Pivot Plate Service Kit	22	91965K	2	5/32 Hairpin Cotter
6	48523	1	Plunger w/Spring	23	67859	1	Receiver Kit – PS
7	67556-2	1	Lower Lift Frame	24	66451	2	3/4-10 x 6 Hex Cap Screw G5
8	67845	1	Stand Assembly – DS	25	44727	1	Stacking Stop Kit
9	67846	1	Stand Assembly – PS	26	49645	2	1 x 4-3/4 Clevis Pin Kit
10	67847	2	Stand Shoe Kit	27	67842-1	1	Pivot Bar Kit
11	67635	2	1/4 x 2 Roll Pin BP	28	67855	1	Pivot Bolt Kit
12	67844	2	Stand Lock Pin Kit	29	49033	2	1/4 Grade 43 Chain Assembly
13†	69689	1	Label – SECURITY GUARD™	30	90601	4	1/4 x 1-1/2 Cotter Pin
14	44545-2	1	Upper Lift Frame	31	22260	4	1 x 4-3/4 Clevis Pin
15	44729-1	1	Upper Lift Frame Fastener Kit	32	68675	2	Label, UltraLock Double-Acting Cylinder
16	67850-2	1	Lift Arm Kit				
Item 5 67843 Pivot Plate Service Kit							
33	67707	1	Pivot Plate A	36	90127	2	5/8-11 x 1-1/2 Hex Cap Screw G5
34	67708	1	Pivot Plate B	37	91337	6	5/8-11 Hex Locknut GB
35	5572	4	5/8-11 x 2 Carriage Bolt G5				
Item 15 44729-1 Upper Lift Frame Fastener Kit							
38*		4	3/8-16 x 4 Hex Cap Screw G8	41	91333	4	3/8-16 Hex Locknut GB
39**	44413	4	3/8-16 x 4-1/2 Hex Cap Screw G8	42		4	Plate, Upper Lift Frame
40	90315	8	3/8 Flat Washer				
Item 16 67850-2 Lift Arm Kit							
17	93063K	2	3/4 x 3-1/4 Clevis Pin Kit	43		2	Round Flat Washer, Special
18	91911K	3	5/32 x 1-1/2 Cotter Pin Kit	44	68740	1	3/4 x 3-1/2 Clevis Pin Kit
19	91147	3	3/4 Flat Washer	48		1	Lift Arm
Item 25 44727 Stacking Stop Kit							
		2	Stacking Stop	40	90315	8	3/8 Flat Washer
39	44413	4	3/8-16 x 4-1/2 Hex Cap Screw G8	41	91333	4	3/8-16 Hex Locknut GB
Item 27 67842-1 Pivot Bar Kit							
		1	Pivot Bar	28	67855	1	Pivot Bolt Kit
Item 28 67855 Pivot Bolt Kit							
		1	1-8 x 7 Hex Cap Screw G5	46	91340	1	1-8 Hex Locknut GB
45	67748	1	1-8 Hex Jam Nut G5				
Item 29 49033 1/4 Grade 43 Chain Assembly (2 per plow)							
		1	1/4 x 42 Grade 43 Chain	47	90453	1	3/8-16 x 1-1/2 U-Bolt G5
41	91333	2	3/8-16 Hex Locknut GB				

ns = not shown

G = Grade

† Not used for Central Hydraulics.

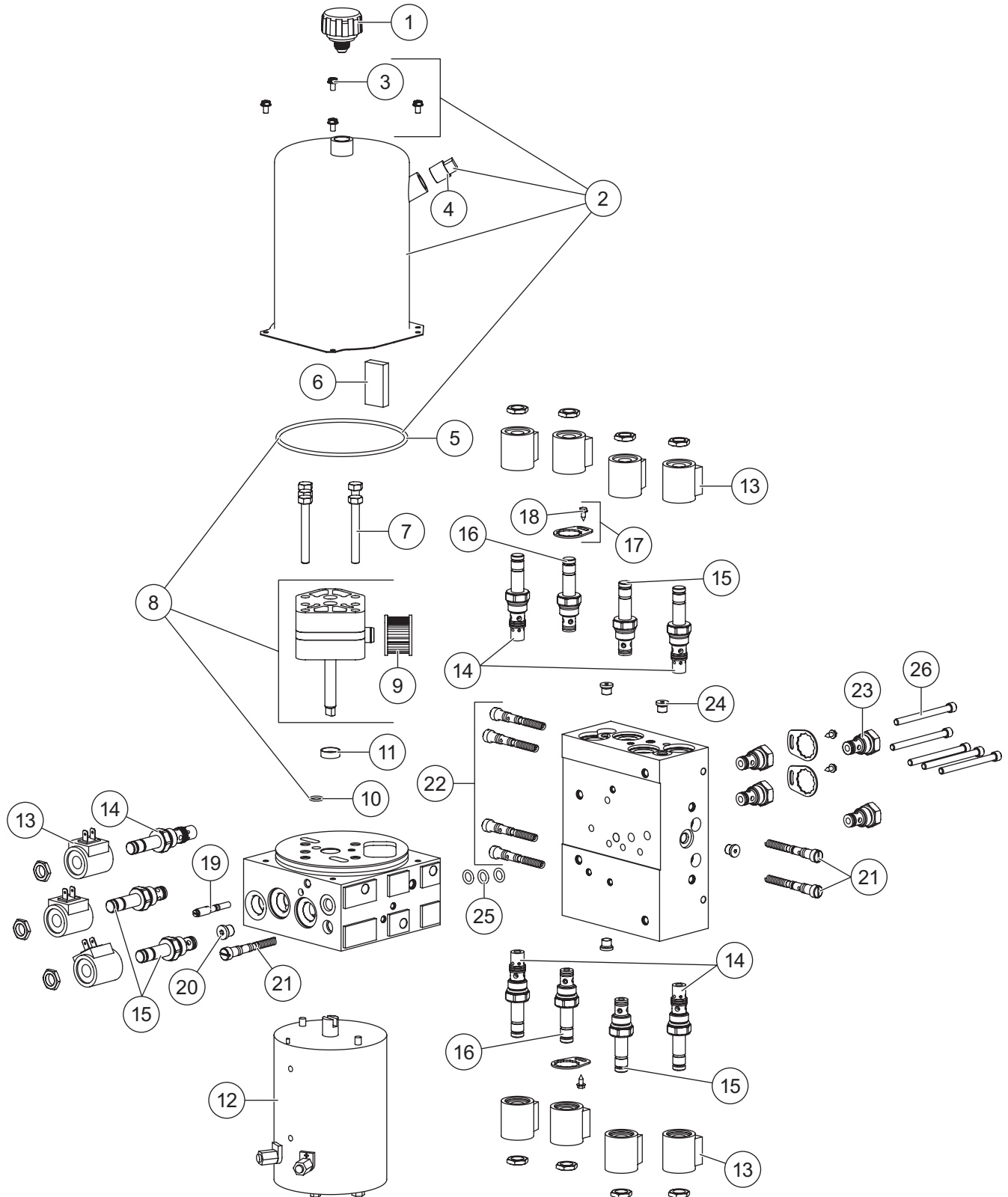
* Without Stacking Stops (Configuration 1, 2 or 3)

‡ Four (4) 3/4-10 x 2-1/2 Hex Cap Screws (PN 90459) are required when pairing T-frame (PN 44546-2) with a pushbeam with round holes.

** With Stacking Stops (Configuration 4)

MVP PLUS™ H,L&T CENTER ASSEMBLY 74225

Hydraulic Unit Components



MVP PLUS™ H,L&T CENTER ASSEMBLY 74225

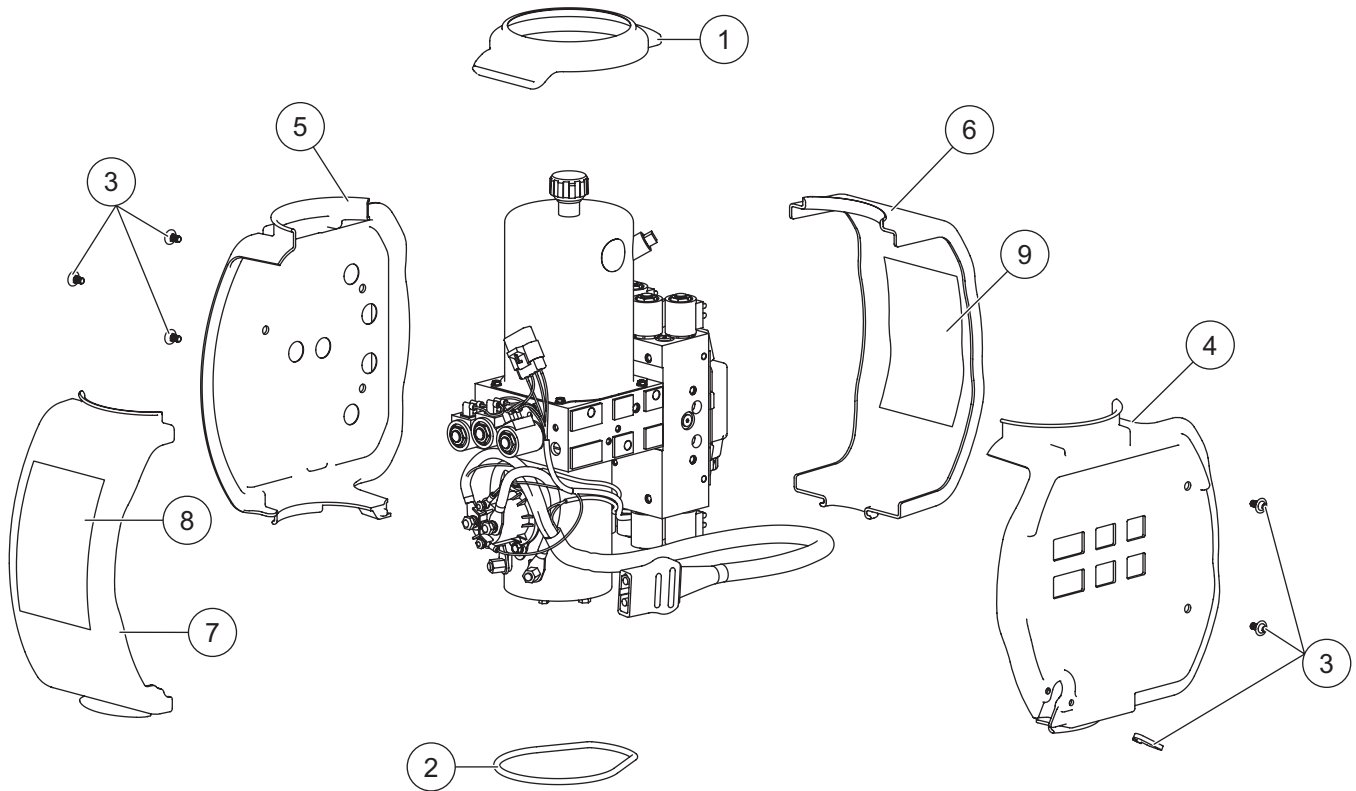
44320 Hydraulic Unit MVP PLUS 48257 Hydraulic Unit Service Kit MVP PLUS* (Not used for Central Hydraulics)							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	21727-2K	1	Breather Pressure Control	18	63943	4	8-18 x 3/8 Tapping Screw
2	44327-1	1	Reservoir Kit	19	56662	1	Quill Assembly 5/16-24 Thread
3	66607	4	10-24 x 5/16 Machine Screw		48517	1	Quill Assembly 1/2-20 Thread
4	92079	1	Plug, Square 3/8 NPTF	20	44344	1	Plug, Hex Socket –4 M ORB
5	66519	1	O-Ring – 2-250	21	49138K-3	1-1/2	Relief Valve Kit (2 sets)
6	73897	1	Magnet	22	44338	2	Relief Valve Kit (2 sets)
7	90080	5	5/16-18 x 2-1/2 Hex Cap Screw G5	23	44334-1	4	Check Valve CV08-20
8	44328-1	1	Pump Kit	24	92960	4	Plug, Hex Socket –3 M ORB
9	56789-3	1	Suction Filter	25	29077	3	O-Ring – 110
10	56274	1	O-Ring – 013	26	29081	5	1/4-20 x 3 Socket Cap Screw
11	66515	1	Pump Shaft Seal	ns	29099	2	1/4-20 x 1/4 Hex Washer-Head Thread-Rolling Screw
12	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)
13	49230K-2	11	Coil w/Spade Terminals	ns	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
14	44332	5	Valve SVCV08-20 w/Nut				
15	49227K-2	4	Valve SV08-2004 w/Nut				
16	44336	2	Valve SF08-2015 w/Nut				
17	44369	4	Valve Lock Ring w/Screw				
O-Ring Service Kits							
–	56657-3	–	Back-Up/O-Ring Kit**	–	49259-2	–	Seal Kit – Valves SV08-30, 31, 33, 40, 43 and SVCV08-20
–	49258-2	–	Seal Kit – Valves SV08-2004, CV08-20, SF08-2015				
ns = not shown				G = Grade			

* Includes 44320 Hydraulic Unit, 44325 Cover Assembly (p. 10) and Plow-Side Electrical Components (p. 12).

** Does not contain O-rings for cartridge valves.

MVP PLUS™ H,L&T CENTER ASSEMBLY 74225

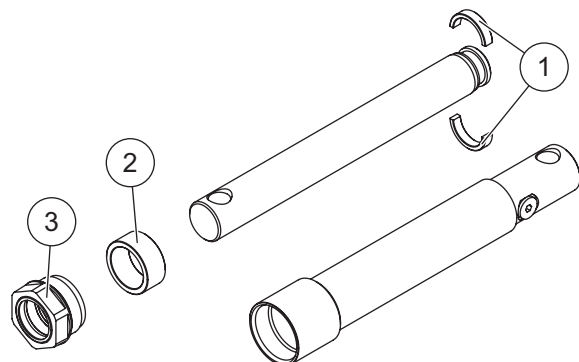
Hydraulic Unit Cover Assembly



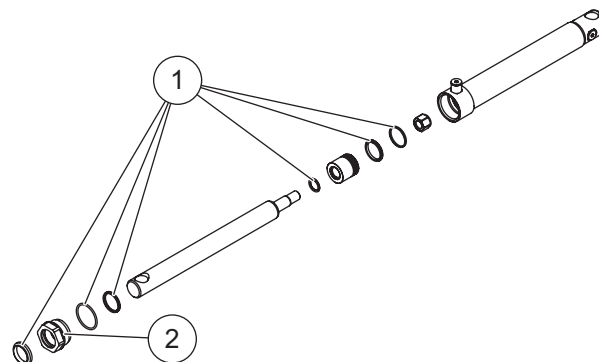
44325 Cover Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	44352	1	Top Retainer Ring	6		1	Cover Side 03
2	44366	1	Bottom Retainer Ring	7		1	Cover Side 04
3	44326	1	1/4-20 x 1/2 6-Lobe Round Washer-Head Screw (5-Pack) w/8" Cable Tie	8	44310	1	Label – Information (S1–S3)
4		1	Cover Side 01	9	44319	1	Label – Information (S4–S11)
5		1	Cover Side 02	ns	61536	1	Cable Tie – 14"
				ns	44414	1	Label – Identity
ns = not shown							

MVP PLUS™ H,L&T CENTER ASSEMBLY 74225/75225(CH)

Lift and Angle Ram Components

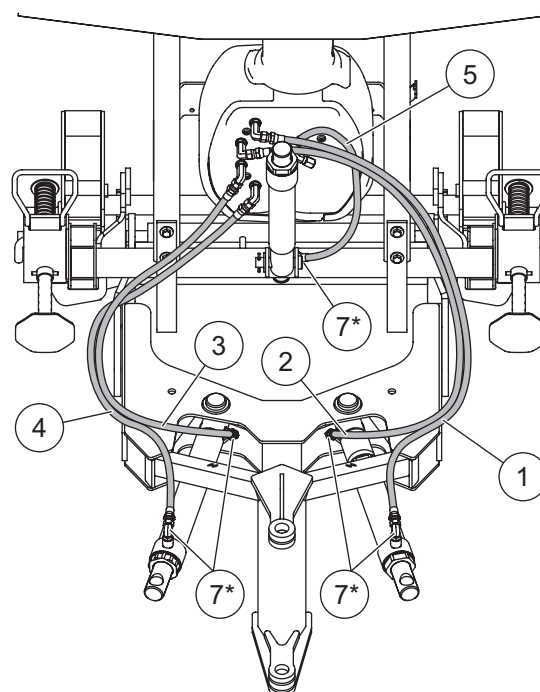
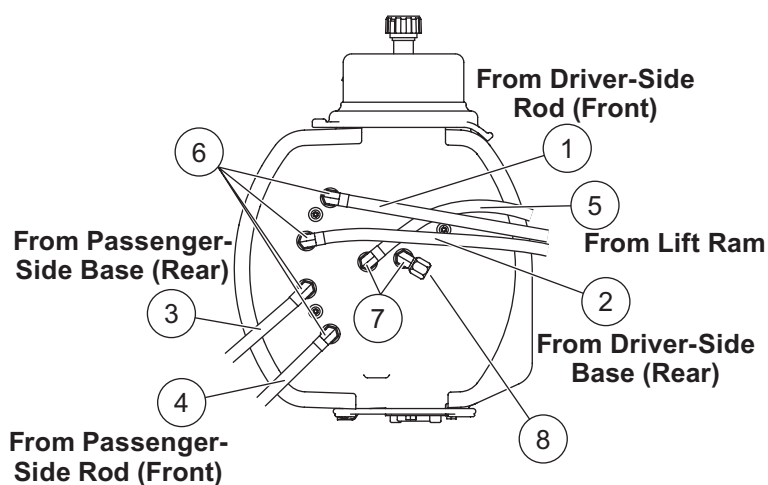


56538K Lift Ram Assembly 1-1/2 x 8			
Item	Part	Qty	Description
1	64650	1	Split Bearing Kit 1-1/2"
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly



44341 Angle Ram Assembly 1-3/4 x 11 DA			
Item	Part	Qty	Description
1	44342	1	Seal Kit 1-3/4 DA Ram
2	48985	1	Gland Nut Assembly

Hoses and Fittings

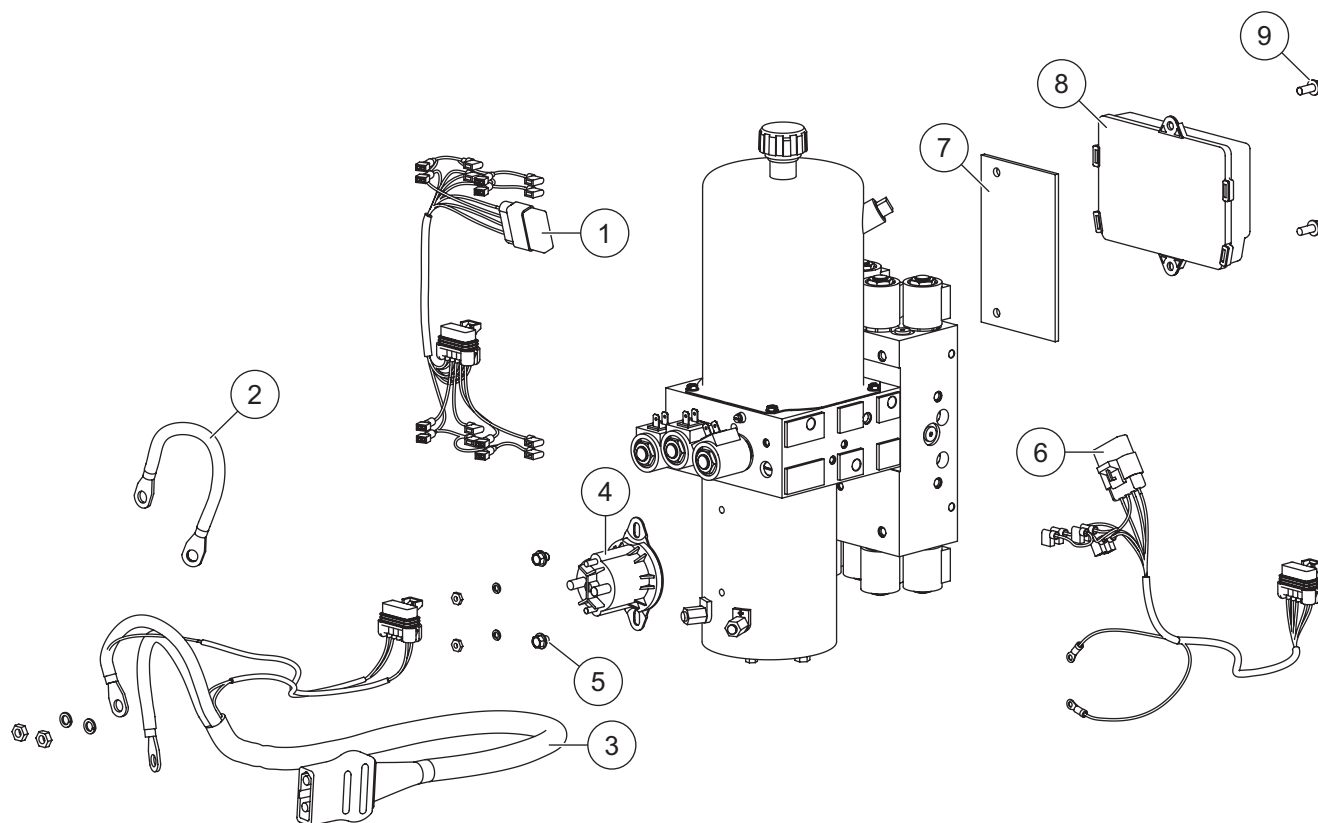


Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	56616-1	1	Hose, 1/4 x 42 w/F JIC Ends	7*	56615-1	7	Elbow, 90° -6 M JIC/-6 M ORB
2	44350	1	Hose, 3/8 x 45 w/F JIC Ends	8	44346	1	Drain Cap, -6 F JIC
3	44351	1	Hose, 3/8 x 38 w/F JIC Ends	ns	56823	2	Hose Wrap, Polyethylene
4	56599	1	Hose, 1/4 x 36 w/F JIC Ends	ns	98043	3	3/8-16 x 1 Button Cap Screw
5	56830	1	Hose, 1/4 x 22 w/F JIC Ends				
6	64212-1	4	Elbow, Extra Long 90° -6 M JIC/-6 M ORB				
F = Female				ns = not shown			
				M = Male or Metric			

* Also used for Central Hydraulics, qty 5.

MVP PLUS™ H,L&T CENTER ASSEMBLY 74225/75225(CH)

Electrical Components



Plow-Side Electrical Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	28583	1	Harness Plow Control 8-Solenoid	7	44308	1	Spacer Module
2	29071	1	Cable Assembly 8"	8	44354-3	1	Plow Module
3	42015	1	Snowplow Battery Cable	9	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
4	42902	1	Motor Relay Kit FLEET FLEX System	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
6	28581-1	1	Harness Plow Control 3-Solenoid				
Vehicle-Side Electrical Components							
* †	42014	1	Vehicle Battery Cable	ns**	26498	1	Vehicle Control Harness – Central Hydraulics
* †	28587	1	Vehicle Control Harness				
ns	61548K	1	Plug Cover Kit				

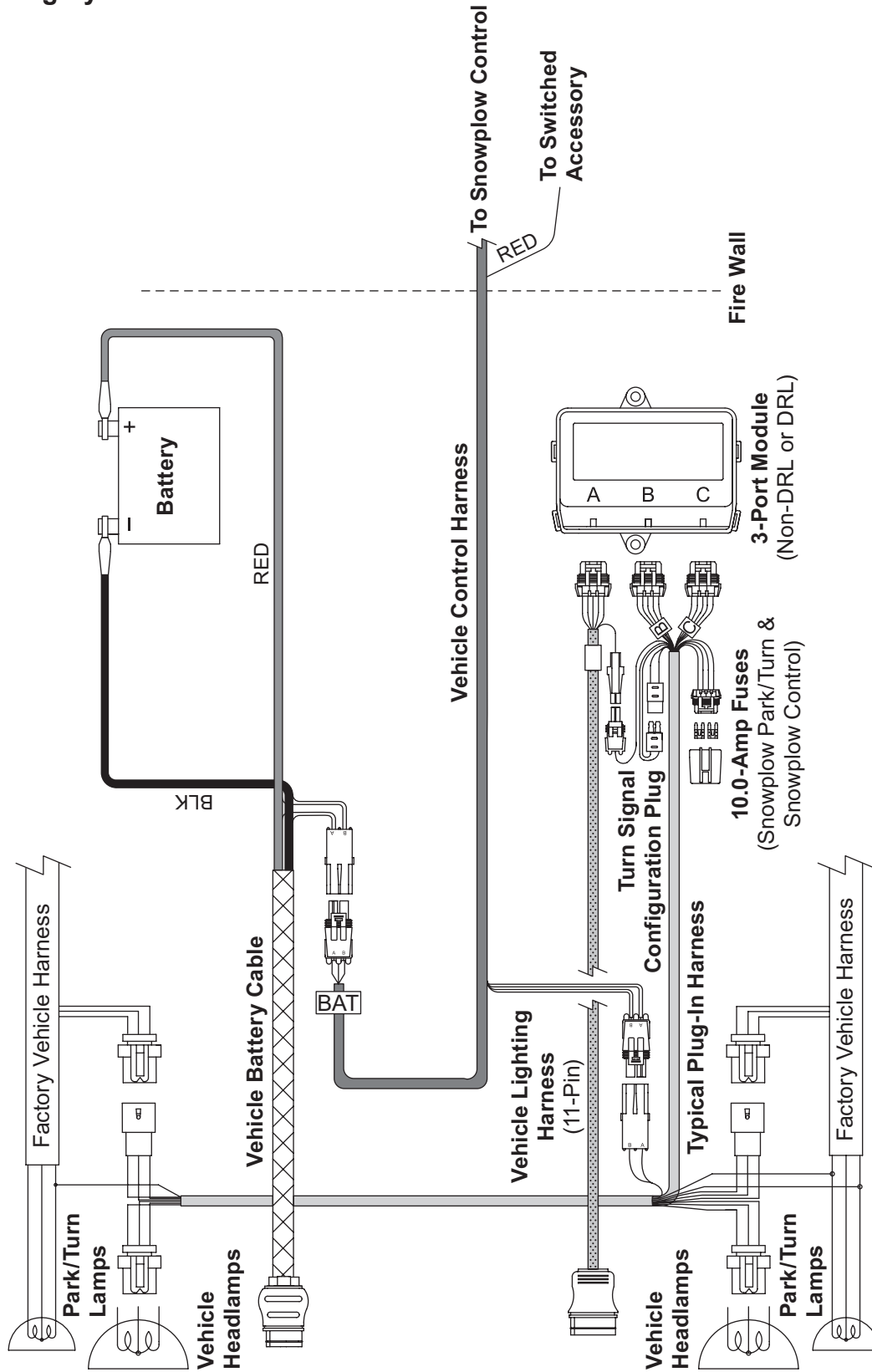
ns = not shown

* For diagram, see Vehicle-Side Harness Diagram.

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

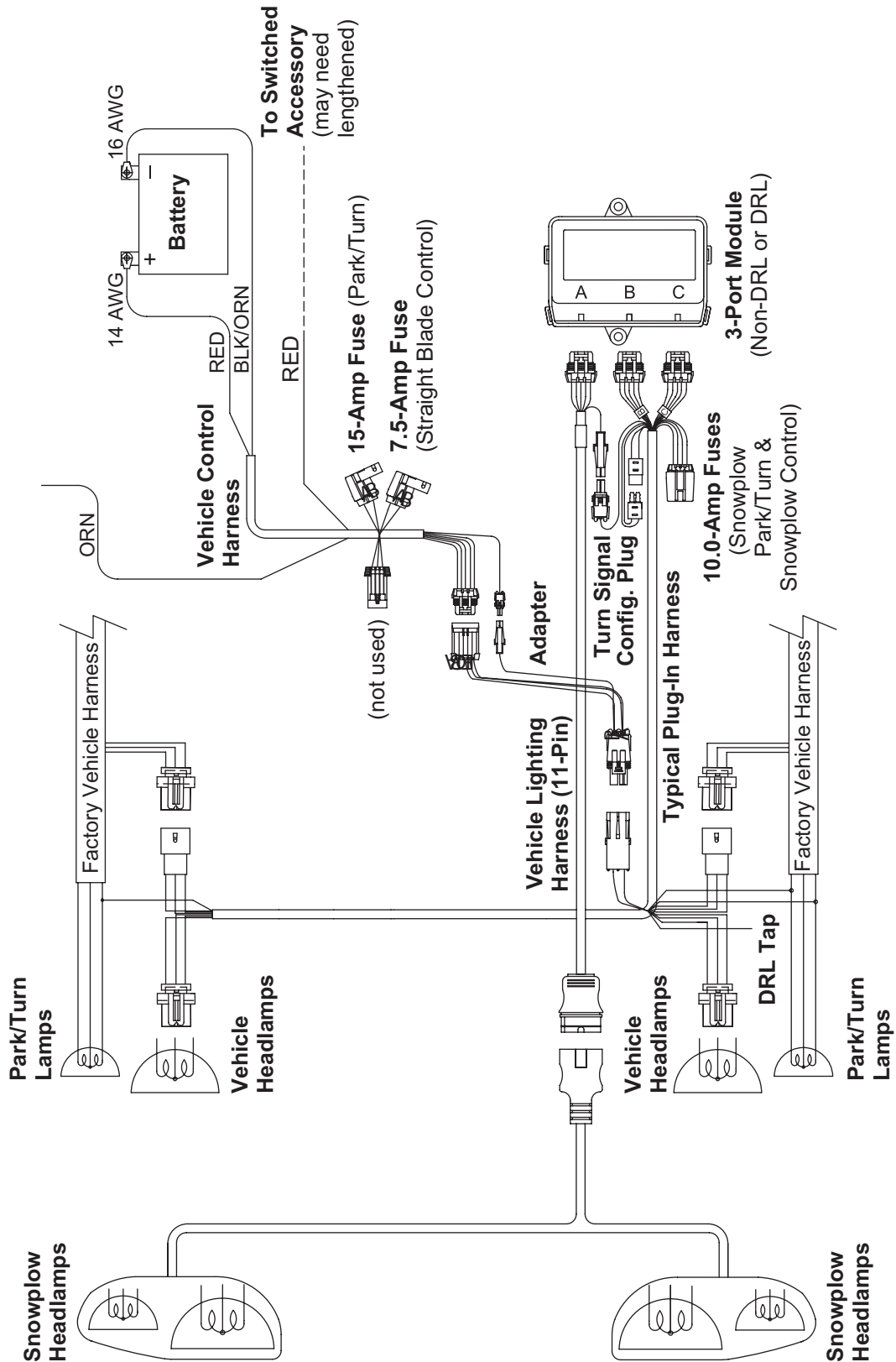
† Not used for Central Hydraulics.

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



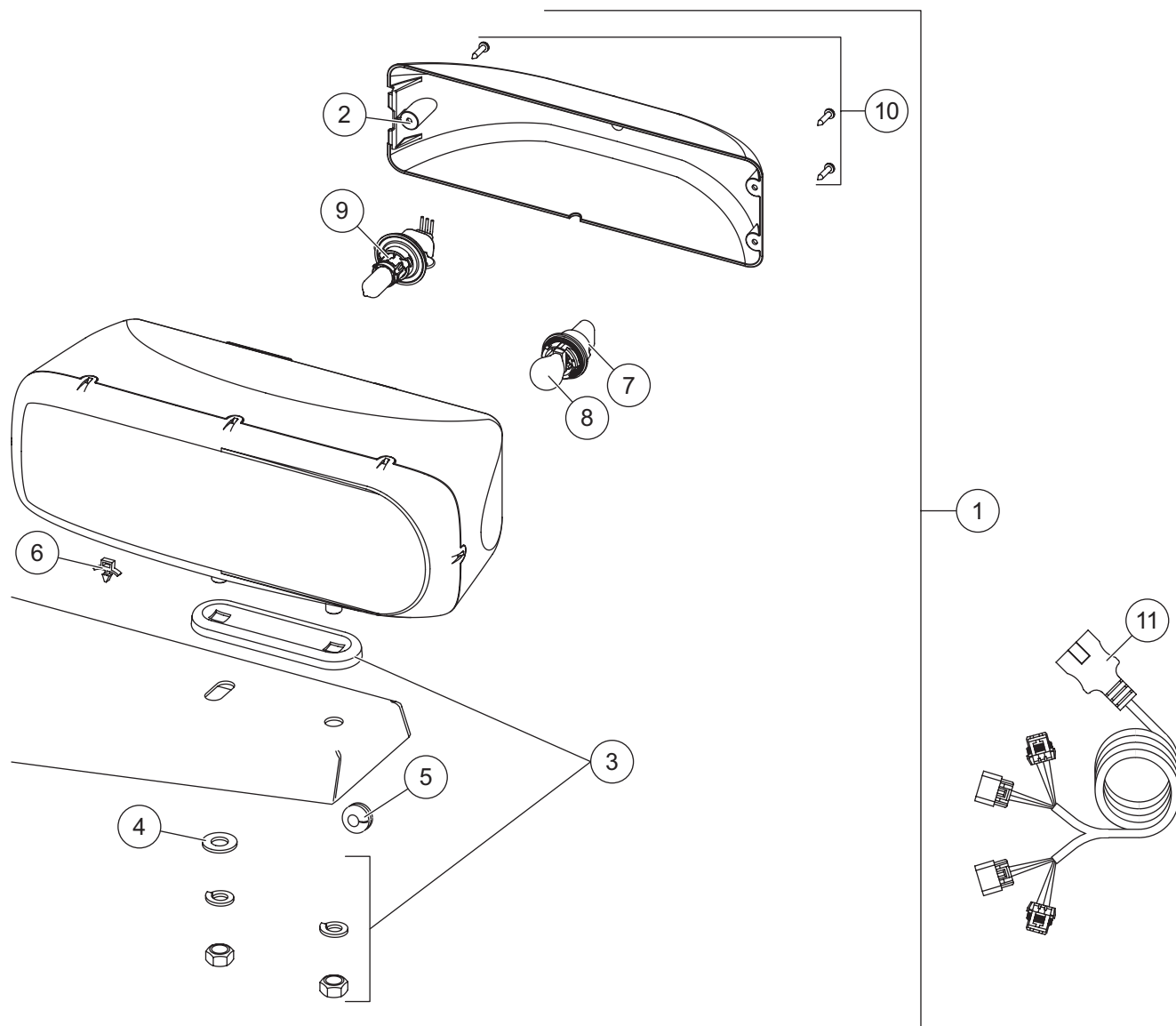
MVP PLUS™ H,L&T CENTER ASSEMBLY 75225(CH)

Vehicle-Side Harness Diagram – Central Hydraulics



MVP PLUS™ H,L&T CENTER ASSEMBLY 74225/75225(CH)

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	H13 Headlamp Bulb Service Kit
4	4433	2	1/2 Flat Washer – Type B, Wide	10	28808-1	2	Cover Screws Service Kit (pkg of 3)
5	66130	2	Rubber Grommet	11	28213W	1	Harness Service Kit
ns = not shown							



Western Products
PO Box 245038
Milwaukee, WI 53224-9538
www.westernplows.com

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