



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 75300-1

H,L&T Center Assembly, Central Hydraulics 75310-1

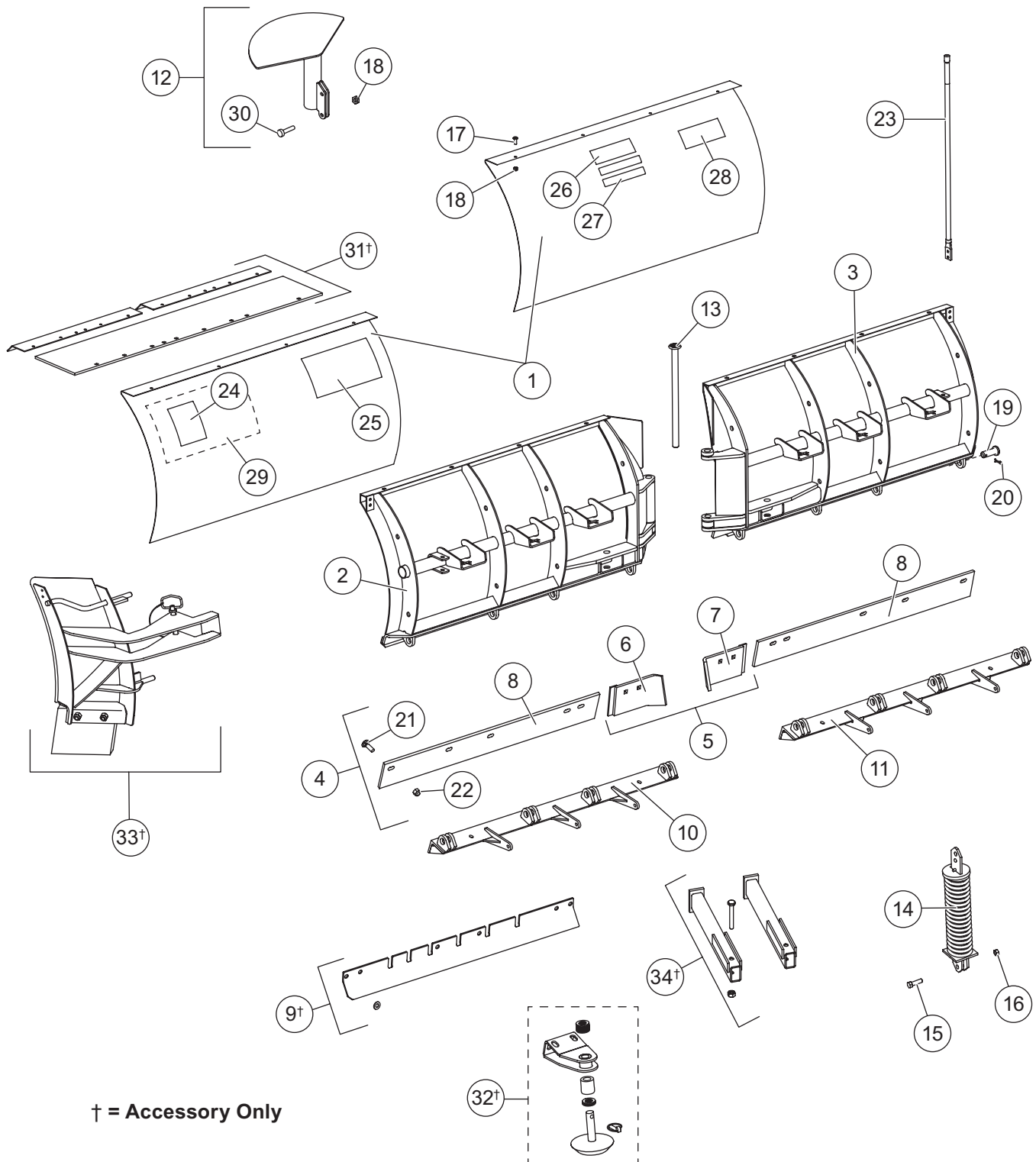
Parts List



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Blade Components – 9-1/2' Shown



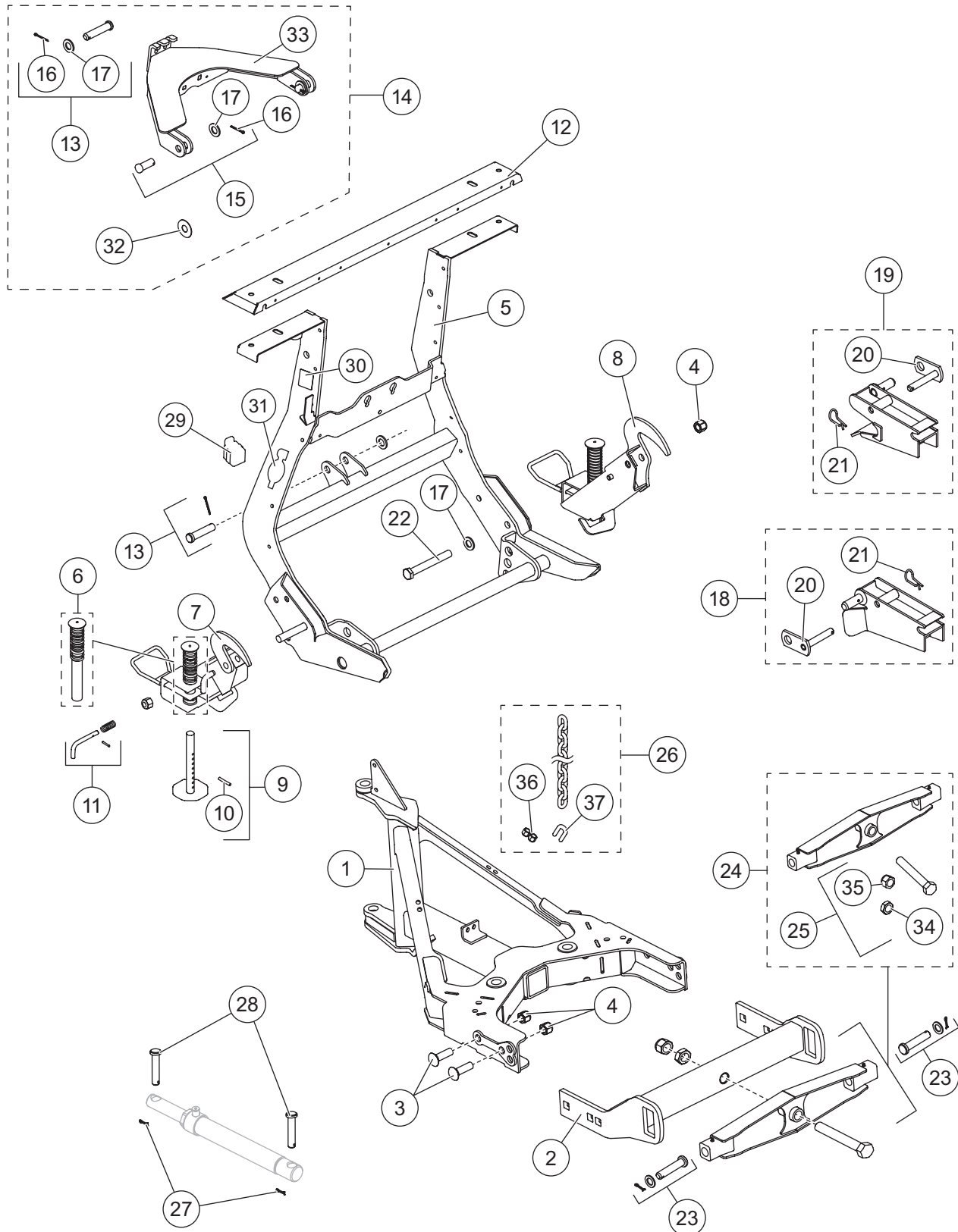
MVP PLUS™ BLADES 44475-1/44485-1/44495-1/44575-1/44585-1/44595-1

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
13	44028	Main Pivot Pin	24	59900	Label – Warning/Caution, Snowplows
14	21452	Removable Spring Assembly	25	43360	Label – Attach/Detach UltraMount® 2
15	91000	7/16-14 x 1/2 x 1-5/8 Shoulder Bolt	26	44453	Label – Identity, MVP PLUS
16	90353	7/16-14 Hex Locknut GB	27	28404	Label – Identity, ULTRAFINISH™ (mild steel moldboards only)
17	98043	3/8-16 x 1 Button Cap Screw	28	44451	Label – Identity, WESTERN® 8.31"
18	91333	3/8-16 Hex Locknut GB	29	40986	Label – Identity, CONTRACTOR GRADE®
19	27227	1 x 2-3/4 Clevis Pin	ns	44790	Bolt Bag, Rubber Deflector, V
20	90601	1/4 x 1-1/2 Cotter Pin	ns	44763	Bolt Bag, Cutting Edge Kits (one side – 5 sets of fasteners)
21	5572	5/8-11 x 2 Carriage Bolt G5			
22	91337	5/8-11 Hex Locknut GB			
23	62595	Poly Blade Guide Kit			
Item 12 44570 or 44571 Center Snow Control Kit					
		Center Deflector	30	66456	3/8-16 x 1-1/4 Hex Cap Screw G5
18	91333	3/8-16 Hex Locknut GB			
Blade Accessories					
31†	44280	Deflector Kit (universal)	34†	44473	Blade Stop Kit
32†	44277-1	Shoe Kit (set of 2)	ns†	43361	Label Kit – UltraMount 2 Blade (contains Items 24–29)
33†	44510-1	Blade Wing Extension Kit (8-1/2' & 9-1/2' blades only)			
ns = not shown G = Grade † = Accessory Only					

MVP PLUS™ H,L&T CENTER ASSEMBLY 75300-1/75310-1(CH)

Lift Frame and T-Frame Components



MVP PLUS™ H,L&T CENTER ASSEMBLY 75300-1/75310-1(CH)

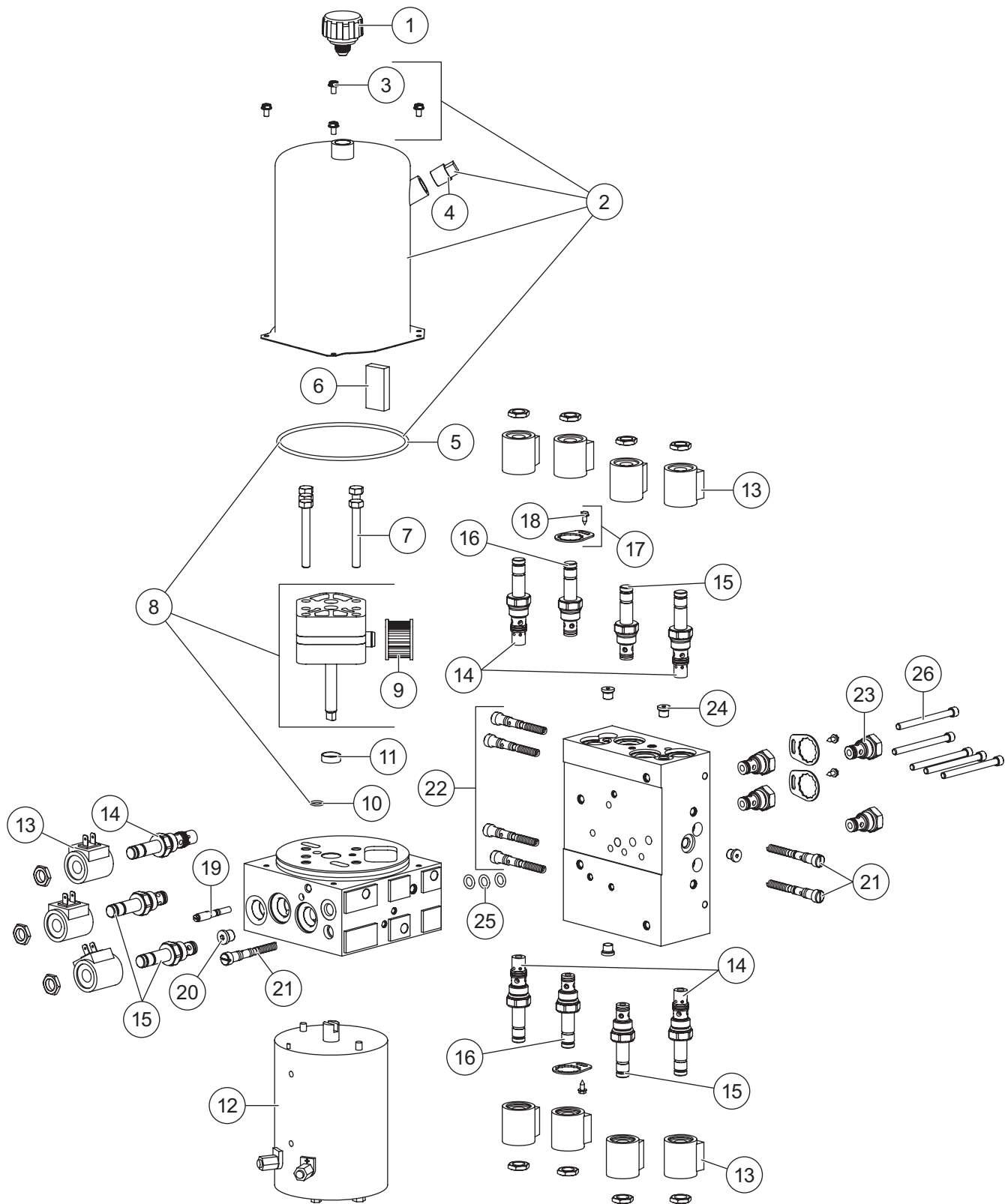
MVP PLUS Lift Frame and T-Frame Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	44546-2†	1	T-Frame Service Kit	15	43351	2	3/4 x 2 Pin Kit
2	44557-2	1	Pushbeam	16	91911K	4	5/32 x 1-1/2 Cotter Pin Kit (pkg of 4)
3	63913	4	3/4-10 x 2-1/2 Carriage Bolt G5	17	91147	6	3/4 Flat Washer
ns	90459‡	4	3/4-10 x 2-1/2 Hex Cap Screw G5	18	42496	1	Receiver Kit – DS
4	91338	6	3/4-10 Hex Locknut GB	19	42497	1	Receiver Kit – PS
5	43301	1	Lift Frame	20	42498	2	Receiver Pin
6	48523	1	Plunger w/Spring	21	91965K-1	2	5/32 Hairpin Cotter
7	67845	1	Stand Assembly – DS	22	66451	2	3/4-10 x 6 Hex Cap Screw G5
8	67846	1	Stand Assembly – PS	23	49645	2	1 x 4-3/4 Clevis Pin Kit
9	67847	2	Stand Shoe Kit	24	67842-1	1	Pivot Bar Kit
10	67635	2	1/4 x 2 Roll Pin BP	25	67855	1	Pivot Bolt Kit
11	67844	2	Stand Lock Pin Kit	26	49033	2	1/4 Grade 43 Chain Assembly
12	43302	1	Light Channel	27	90601	4	1/4 x 1-1/2 Cotter Pin
13	68740	1	3/4 x 3-1/2 Clevis Pin Kit	28	22260	4	1 x 4-3/4 Clevis Pin
14	43304	1	Lift Arm Kit	29	61246	1	Cable Boot
Item 5 43301 Lift Frame							
		1	Lift Frame	31	43358	2	Label – Identity, UltraMount® 2
30†	69689	1	Label – SECURITY GUARD™	32		2	UHMW Round Flat Washer, Special
Item 14 43304 Lift Arm Kit							
13	68740	1	3/4 x 3-1/2 Clevis Pin Kit	17	91147	3	3/4 Flat Washer
15	43351	2	3/4 x 2 Pin Kit	32		2	UHMW Round Flat Washer, Special
16	91911K	1	5/32 x 1-1/2 Cotter Pin Kit (pkg of 4)	33		1	Lift Arm
Item 24 67842-1 Pivot Bar Kit							
		1	Pivot Bar	25	67855	1	Pivot Bolt Kit
Item 25 67855 Pivot Bolt Kit							
		1	1-8 x 7 Hex Cap Screw G5	35	91340	1	1-8 Hex Locknut GB
34	67748	1	1-8 Hex Jam Nut G5				
Item 26 49033 1/4 Grade 43 Chain Assembly (2 per plow)							
		1	1/4 x 42 Grade 43 Chain	37	90453	1	3/8-16 x 1-1/2 U-Bolt G5
36	91333	2	3/8-16 Hex Locknut GB				
ns = not shown				G = Grade			

† Not used for Central Hydraulics.

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

MVP PLUS™ H,L&T CENTER ASSEMBLY 75300-1

Hydraulic Unit Components



MVP PLUS™ H,L&T CENTER ASSEMBLY 75300-1

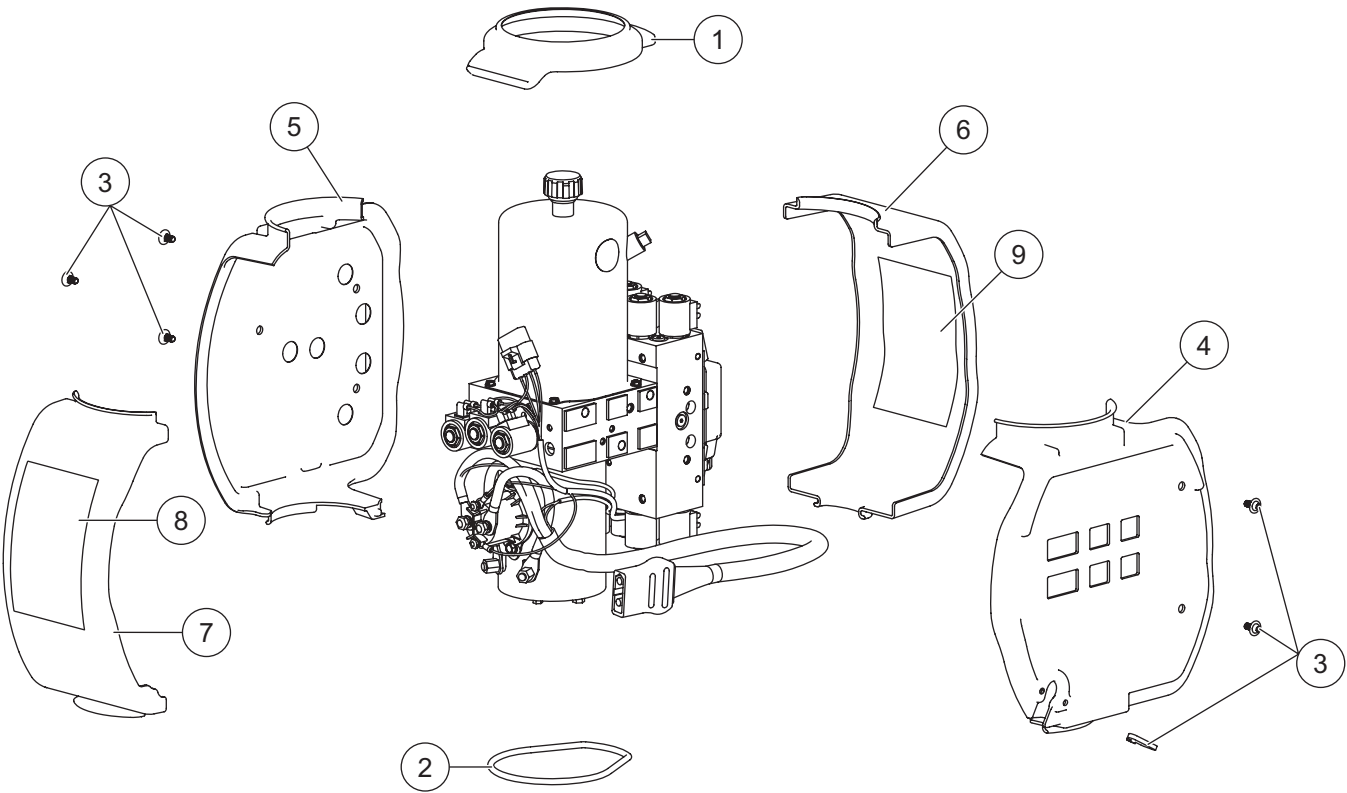
44320 Hydraulic Unit MVP PLUS 48257 Hydraulic Unit Service Kit MVP PLUS* (Not used for Central Hydraulics)							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	21727-2K	1	Breather Pressure Control	17	44369	4	Valve Lock Ring w/Screw
2	44327-1	1	Reservoir Kit	18	63943	4	8-18 x 3/8 Tapping Screw
3	66607	4	10-24 x 5/16 Machine Screw	19	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				
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 75300-1

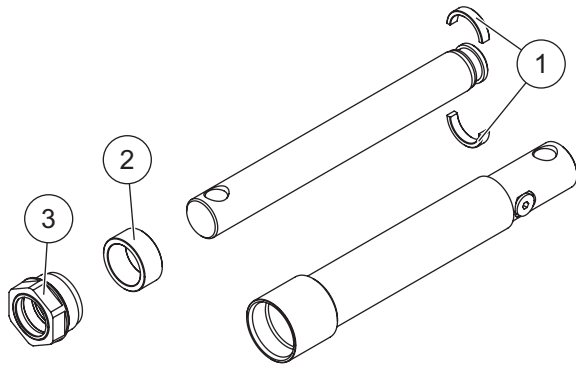
Hydraulic Unit Cover Assembly



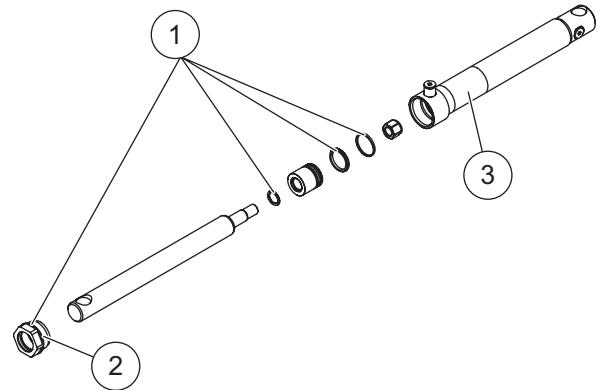
44325 Cover Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	44352	1	Top Retainer Ring	6	44303	1	Cover, Side 3
2	44366	1	Bottom Retainer Ring	7	44304	1	Cover, Side 4
3	44326	1	1/4-20 x 1/2 6-Lobe Round Washer-Head Screw (5-Pack) w/8" Cable Tie	8	44310	1	Label – Information (S1–S3)
4		1	Cover, Side 1	9	44319	1	Label – Information (S4–S11)
5		1	Cover ,Side 2	ns	61536	1	Cable Tie – 14"
				ns	44414	1	Label – Identity, MVP PLUS
ns = not shown							

MVP PLUS™ H,L&T CENTER ASSEMBLY 75300-1/75310-1(CH)

Lift and Angle Ram Components

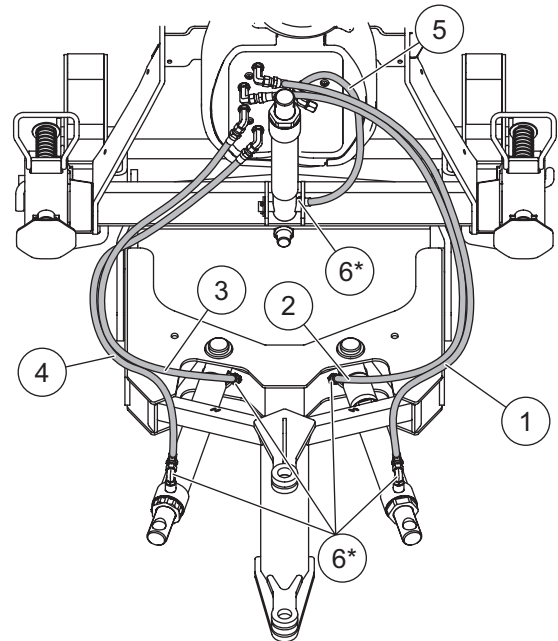
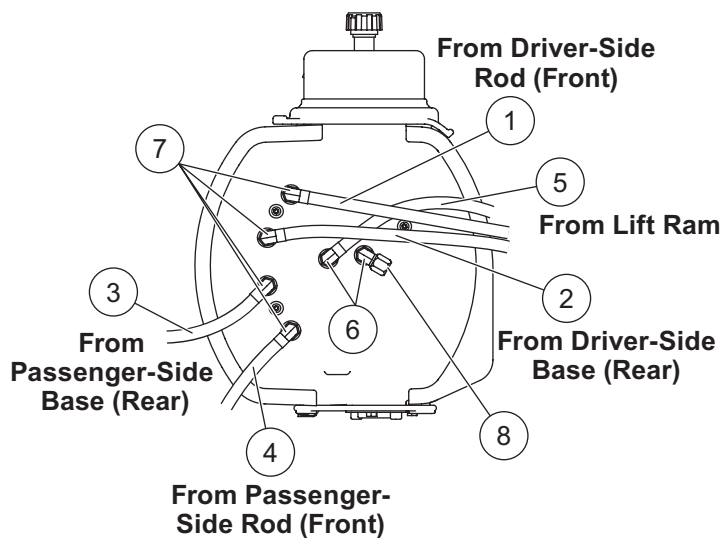


56538K Lift Ram Assembly 1-1/2 x 8			
Item	Part	Qty	Description
1	64650	1	Split Bearing Kit 1-1/2"
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly



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
3	68675	1	Label – UltraLock Double-Acting Cylinder

Hoses and Fittings

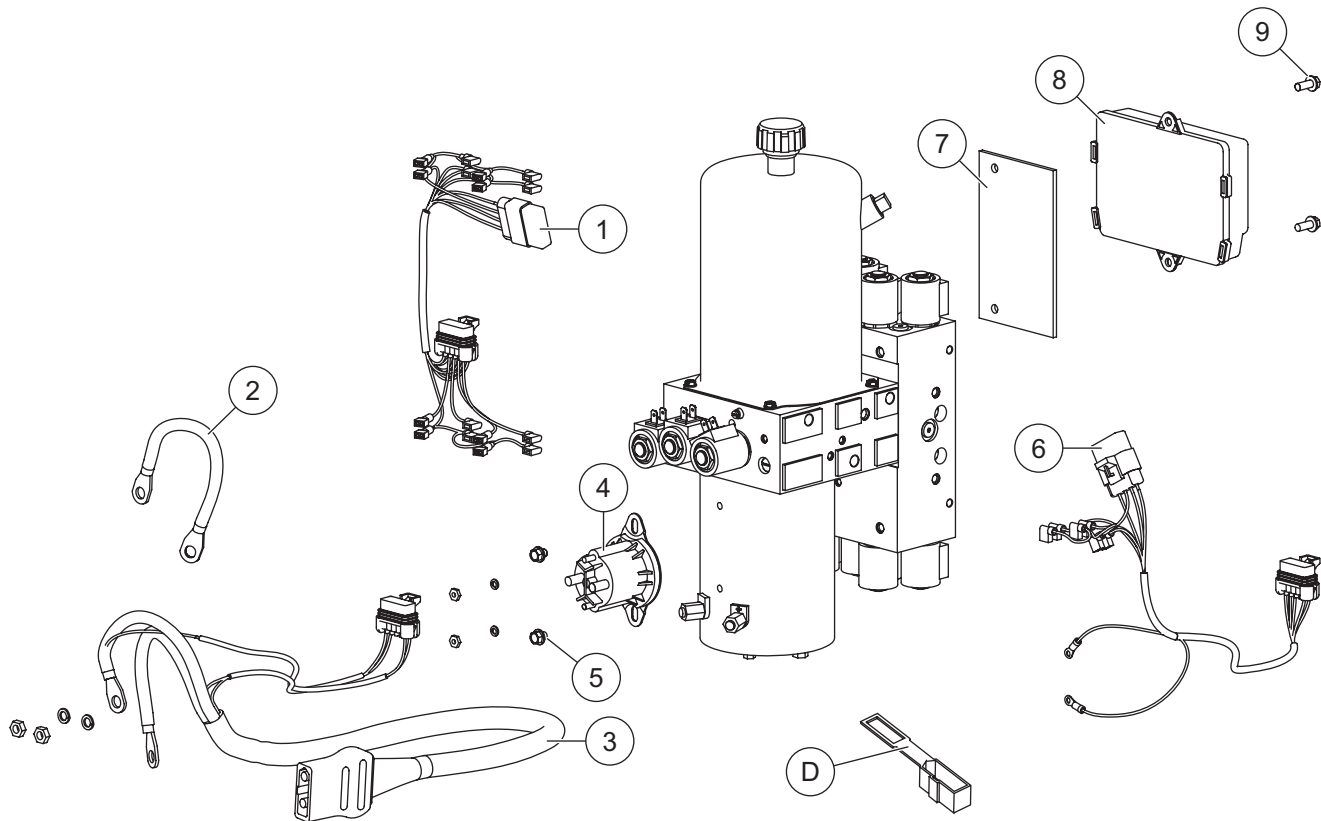


Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	56616-1	1	Hose, 1/4 x 42 w/F JIC Ends	7	64212-1	4	Elbow, Extra Long 90° –6 M JIC/ –6 M ORB
2	44350	1	Hose, 3/8 x 45 w/F JIC Ends	8	44346	1	Drain Cap – 6 F JIC
3	44351	1	Hose, 3/8 x 38 w/F JIC Ends	ns	56823	2	Hose Wrap, Polyethylene
4	56599	1	Hose, 1/4 x 36 w/ FJIC 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*	56615-1	7	Elbow, 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 75300-1/75310-1(CH)

Electrical Components



Plow-Side Electrical Components

Item	Part	Qty	Description	Item	Part	Qty	Description
1	28583	1	Harness Plow Control 8-Solenoid	6	28581-1	1	Harness Plow Control 3-Solenoid
2	29071	1	Cable Assembly 8"	7	44308	1	Spacer Module
3	42015	1	Snowplow Battery Cable	8	44354-3	1	Plow Module
4	42902	1	Motor Relay Kit FLEET FLEX System	9	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
5	29099	2	1/4-20 x 1/4 Hex Washer-Head Thread-Rolling Screw	ns	56099	1	Dielectric Grease

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†	42014	1	Vehicle Battery Cable				
C**	26498	1	Vehicle Control Harness – Central Hydraulics				

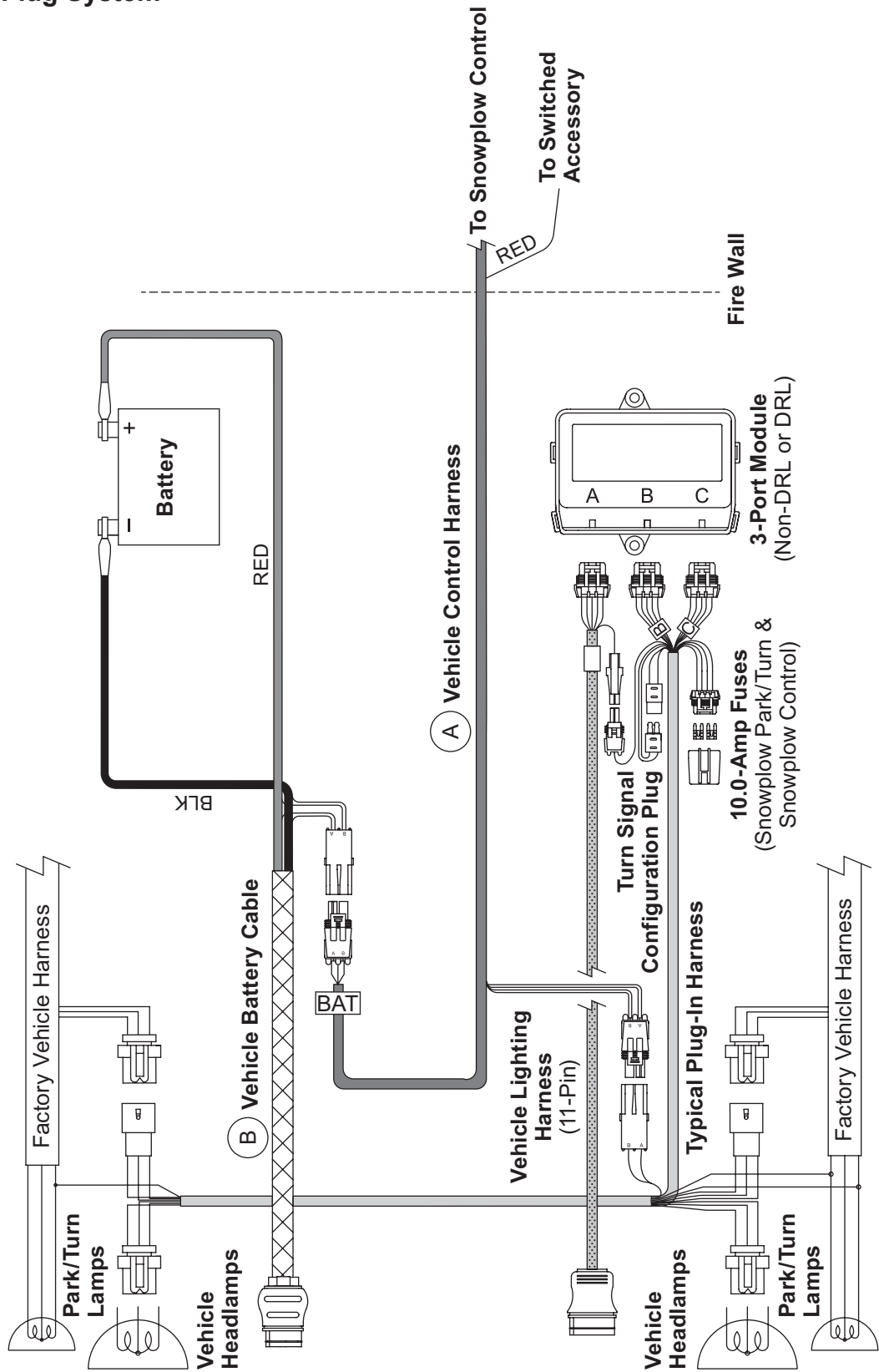
ns = not shown

* For diagram, see Vehicle-Side Harness Diagram.

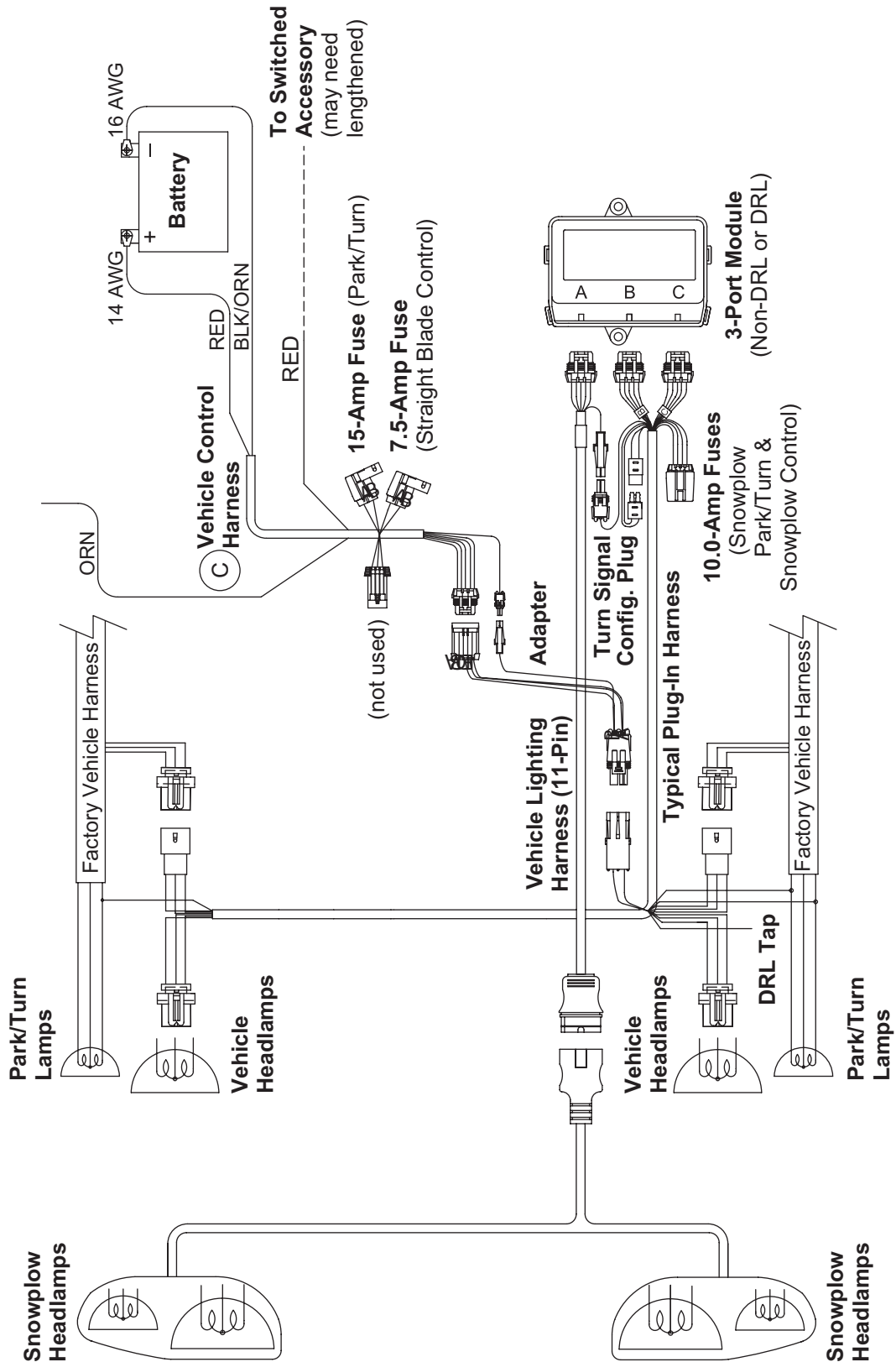
** For diagram, see Vehicle-Side Harness Diagram – Central Hydraulics.

† Not used for Central Hydraulics.

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

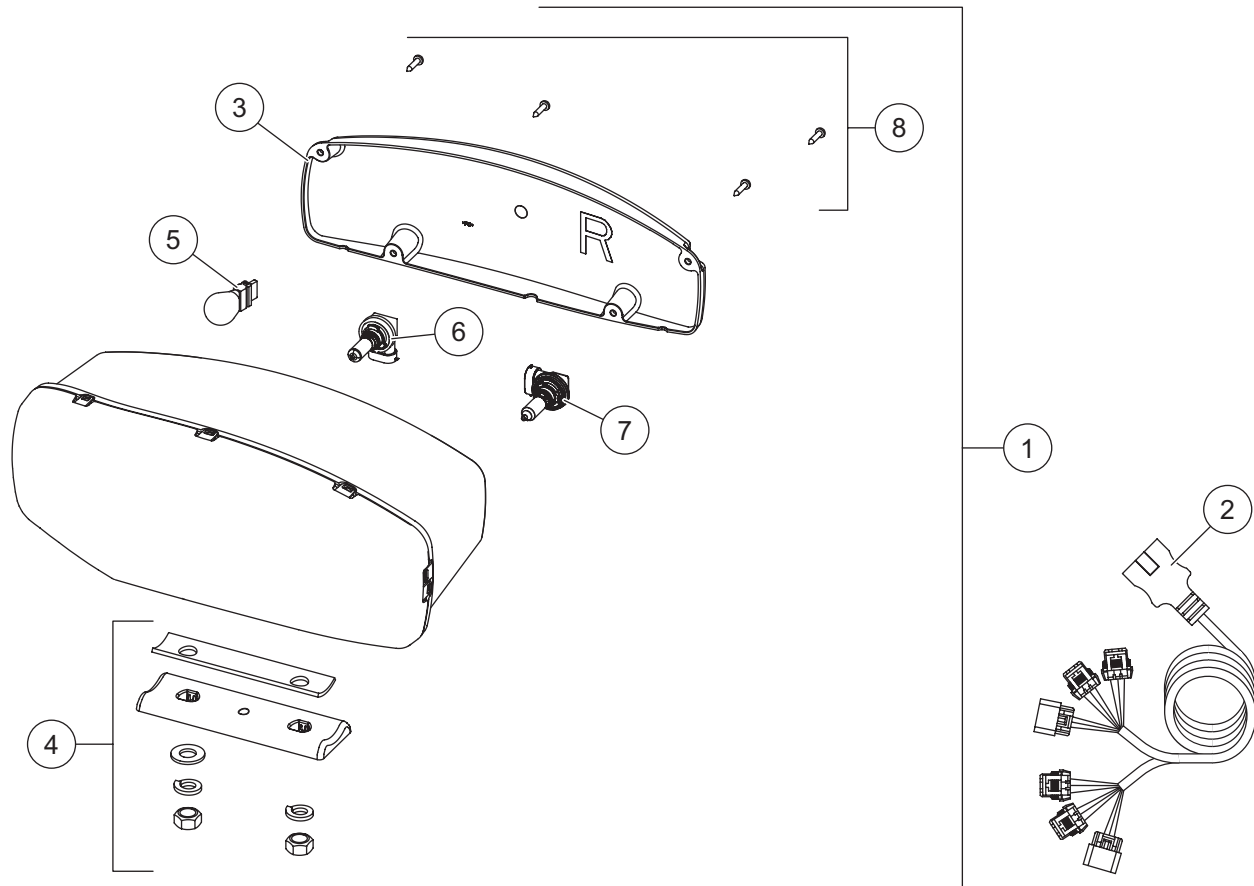


Vehicle-Side Harness Diagram – Central Hydraulics



MVP PLUS™ H,L&T CENTER ASSEMBLY 75300-1/75310-1(CH)

Headlamp Kit



38800 Headlamp Kit H9/H11 (Pair)							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	38802	1	Headlamp Service Kit H9/H11 PS	2	38807	1	Harness Service Kit H9/H11
ns	38801	1	Headlamp Service Kit H9/H11 DS				
Item 1				38801/38802 Headlamp Service Kit H9/H11 PS/DS			
3	38803	1	Rear Cover Kit H9/H11 PS	6	38811	1	H11 Headlamp Bulb Service Kit
ns	38812	1	Rear Cover Kit H9/H11 DS	7	38809	1	H9 Headlamp Bulb Service Kit
4	38804	1	Mounting Hardware Kit H9/H11	8	38808	1	Cover Screws Service Kit H9/H11 (pkg of 4)
5		1	Park/Turn Bulb (Trade No. 4157NAK)				
PS = Passenger's Side				ns = not shown		DS = Driver's Side	



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

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