



Fisher Engineering

87510, 87511, 87515

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TRAILBLAZER™

MD UTV Straight Blade

Hydraulic Lift and Angle

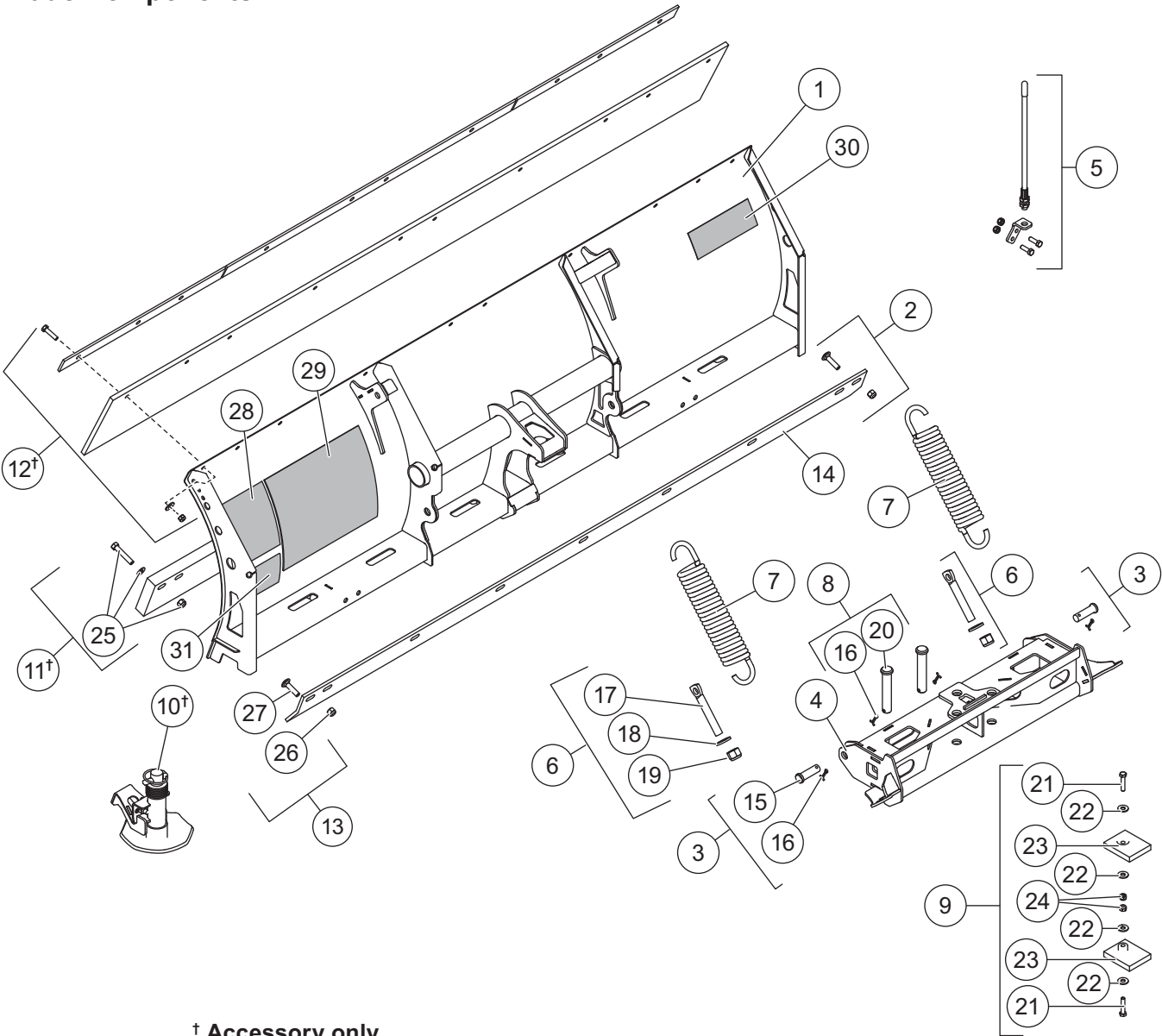
Blade Assembly 87510, 87511

Hydraulic Lift Attachment 87515

Parts List and Accessories

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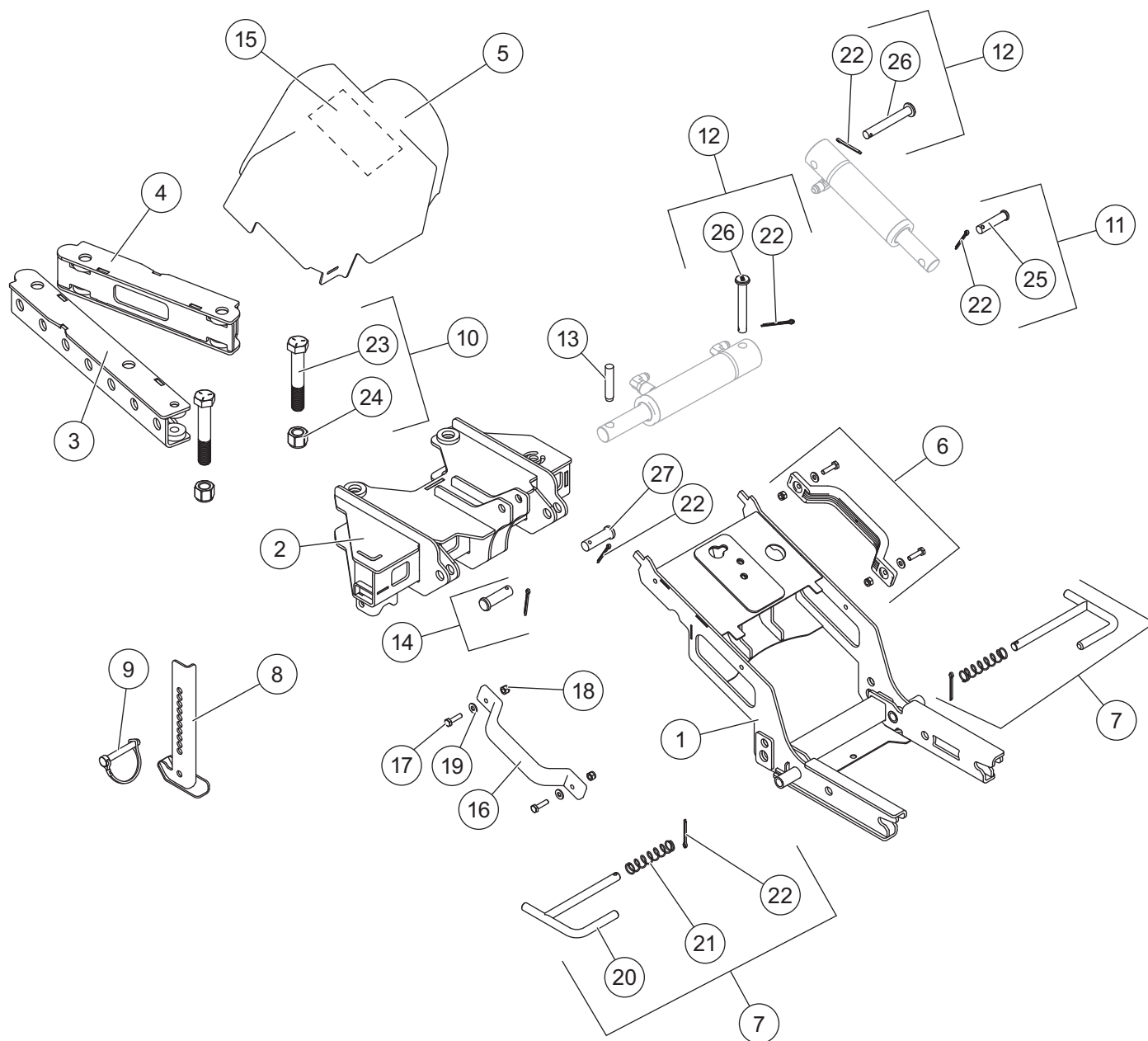
Blade Components



TRAILBLAZER™ Mid-Duty UTV Straight Blade Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	80120	1	MD UTV Blade (5'6") with Labels	9	76887	1	Rubber Bumper Kit
	80117	1	MD UTV Blade (6') with Labels	10†	74239	1	Shoe Assembly Kit (2 shoes per kit)
2	91290	1	1/4 Steel Cutting Edge Kit (5'6")	11†	91210	1	Poly Cutting Edge Kit (5'6")
	91295	1	1/4 Steel Cutting Edge Kit (6')		91215	1	Poly Cutting Edge Kit (6')
3	50651	2	Clevis Pin Kit w/Cotter (blade to quad)	ns	78516†	1	3/8 Steel Cutting Edge Kit (5'6")
4	80308	1	Quadrant		78517†	1	3/8 Steel Cutting Edge Kit (6')
5	74222	1	Blade Guide Kit	12†	91235	1	Rubber Deflector Kit (5'6")
6	84702	2	Eyebolt Kit		84985	1	Rubber Deflector Kit (6')
7	B61167	2	Trip Spring	ns	76888	1	Blade Label Kit
8	76886	2	Pivot Pin Kit (for link arms)				
Item 2				91290 (5'6") / 91295 (6') 1/4 Steel Cutting Edge Kit			
13	91310	1	Cutting Edge Bolt Bag	14		1	1/4 Steel Cutting Edge
Item 3				50651 Clevis Pin Kit w/Cotter			
15		1	5/8 x 2 Clevis Pin	16		1	5/32 x 1-1/2 Cotter Pin
Item 6				84702 Eyebolt Kit			
17		1	5/8-11 x 4 Eyebolt	19		1	5/8-11 Hex Locknut GB
18		1	5/8 Hardened Flat Washer				
Item 8				76886 Pivot Pin Kit (for link arms)			
16		1	5/32 x 1-1/2 Cotter Pin	20	66950	1	3/4 x 4 Clevis Pin
Item 9				76887 Rubber Bumper Kit			
21		2	5/16-18 x 1-1/2 Hex Cap Screw G5	23	27615	2	Rubber Bumper
22		4	5/16 Flat Washer	24		2	5/16-18 Hex Locknut GB
Item 11†				91210 (5'6") / 91215 (6') Poly Cutting Edge Kit			
		1	Poly Cutting Edge (5'6")	25	91270	1	Bolt Bag
Item 13				91310 Cutting Edge Bolt Bag			
26		9	3/8-16 Hex Locknut GB	27		9	3/8-16 x 1-1/2 Carriage Bolt G5
Item 25				91270 Bolt Bag			
		9	3/8-16 Hex Locknut GB			9	3/8 Flat Washer
		9	3/8-16 x 2 Hex Cap Screw GB				
				78516† 3/8 Steel Cutting Edge Kit (5'6")			
	31267	1	3/8 Cutting Edge 5'6"	13	91310	1	Cutting Edge Bolt Bag
				78517† 3/8 Steel Cutting Edge Kit (6')			
	31298	1	3/8 Cutting Edge 6'	13	91310	1	Cutting Edge Bolt Bag
				76888 Blade Label Kit			
28	84847	1	Label – Warning/Caution, UTV	31	30496	1	Label – Warning, High Pressure Fluid
29	88706	1	Label – Attach/Detach, MD UTV	ns	84772	1	Label – Logo, TRAILBLAZER™
30	26211	1	Label – Logo, STORM GUARD™	ns	96991	1	Label – Logo, FISHER® Splatter
ns = not shown				G = Grade			

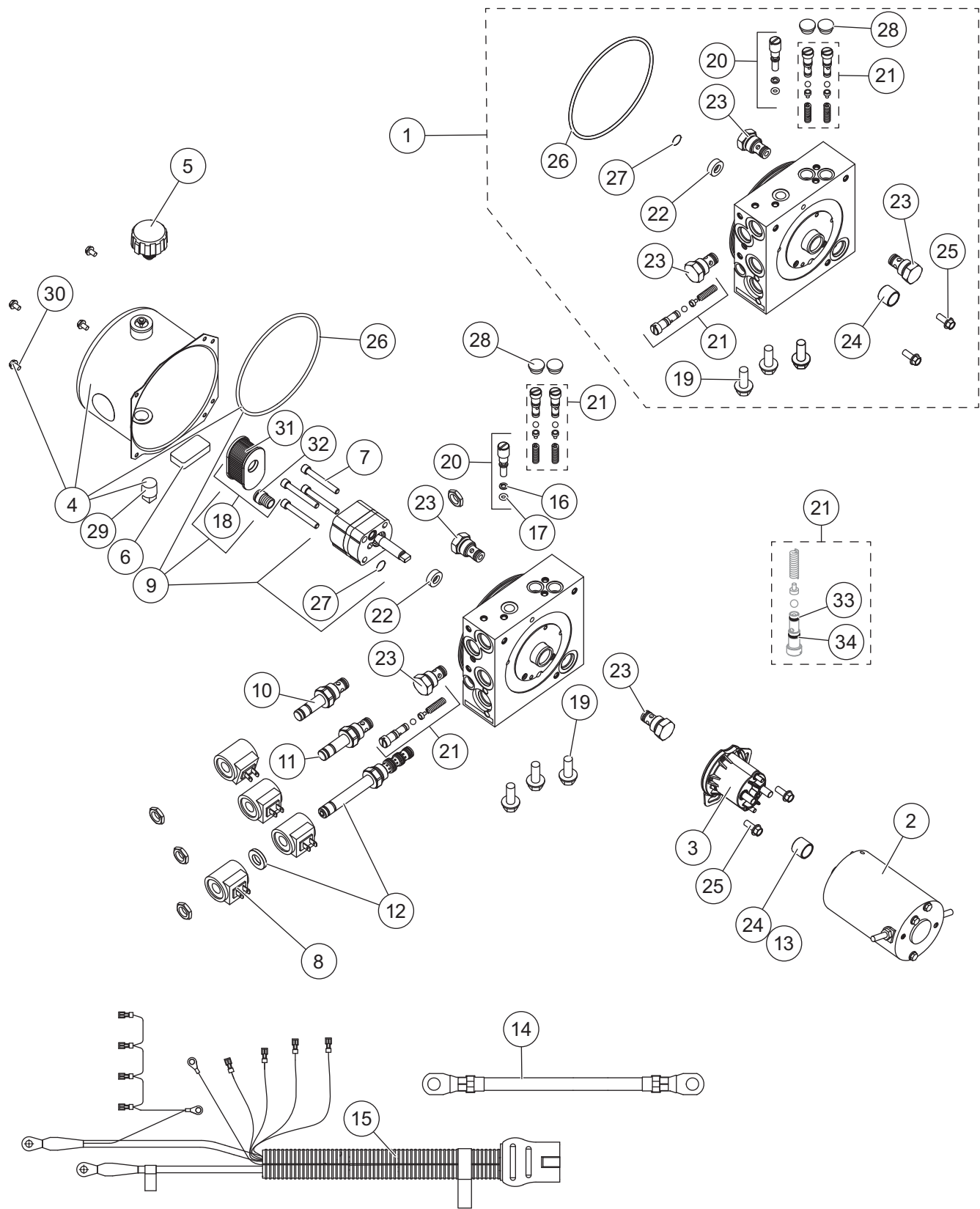
† Accessory only.

Headgear, Link Arms & Angle Frame Components



Mid-Duty UTV Straight Blade Headgear, Link Arms & Angle Frame Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	81961	1	Headgear	9	77650	1	Wire-Lock Clevis Pin
2	81692	1	Angle Frame	10	81969	2	Link Arm Bolt Kit
3	81963	1	Drive Link Arm	11	76808	1	Pin Kit (for rod end of lift ram)
4	81964	1	Swing Link Arm	12	76809	2	Pin Kit (for base end of both rams)
5	81965	1	Hydraulic Cover (incl. item 15)	13	91514	1	Link Pin (for rod end of angle ram)
6	81966	2	Handle Kit	14	84905	2	DD Pin Kit (angle frame to headgear)
7	81967	2	Pull Pin Assembly Kit	15	74506	1	Label – Information, Hydraulic Unit
8	81968	1	Jack Leg				
Item 6				81966 Handle Kit			
16	78534	1	Handle	18		2	1/4-20 Hex Locknut GB
17		2	1/4-20 x 1 Hex Cap Screw G5	19		2	1/4 Washer
Item 7				81967 Pull Pin Assembly Kit			
20		1	Pull Pin	22		1	Cotter Pin
21		1	Spring				
Item 10				81969 Link Arm Bolt Kit			
23		1	3/4-10 x 4-1/2 Hex Cap Screw G5	24		1	3/4-10 Locknut GB
Item 11				76808 Pin Kit (for rod end of lift ram)			
22		1	5/32 x 1-1/2 Cotter Pin	25		1	1/2 x 2-1/8 Clevis Pin HT
Item 12				76809 Pin Kit (for base end of both rams)			
22		1	5/32 x 1-1/2 Cotter Pin	26		1	1/2 x 3-11/16 Clevis Pin HT
Item 14				84905 DD Pin Kit (angle frame to headgear)			
22		1	5/32 x 1-1/2 Cotter Pin	27		1	5/8 x 2 Clevis Pin
G = Grade				HT = Heat Treated			

Hydraulic Unit Components



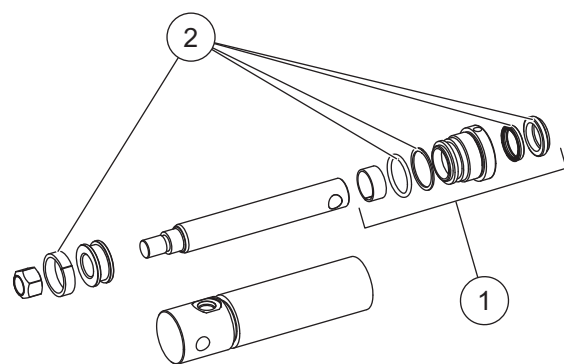
85499 Hydraulic Unit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	76977	1	Manifold Assembly w/o Valves	11	77099	1	Valve SV08-24 w/Nut
2	48543-1	1	Motor Assembly, 3"	12	52285	1	Valve 4-Way 3-Position Closed Center w/ Nut and Spacer
3	52290	1	Motor Relay	13	64596-1*†	1	Sleeve Bearing and Shaft Seal Kit
4	76978	1	Reservoir Kit	14	29071	1	8" Cable
5	21727-2	1	Breather, Pressure Control	15	80202	1	Plow Cable Assembly
6	73897	1	Magnet	16	48240	1	Backup Ring -106
7	88916	4	1/4-20 x 2 Socket-Head Cap Screw	17	48239	1	O-Ring -106
8	7639K-2	4	Coil w/Spade Terminals	18	80307	1	Inlet Filter Kit
9	80300	1	Hydraulic Pump Kit				
10	7634K-2	1	Valve 2-Way w/Nut				
Item 1 76977 Primary Manifold w/o Valves							
19	72384-1	1	3/8-16 x 1 Serrated Flange Hex Cap Screw (pkg of 3)	24	56364†	1	Bearing Sleeve
20	48517	1	Quill	25	44355	2	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw
21	7629K-4	2	Relief Valve Kit (2 sets)	26	66519	1	O-Ring 2-250
22	66515	1	Pump Shaft Seal	27	25730	1	O-Ring -012
23	84934	3	Check Valve	28	56808	2	Plug
Item 4 76978 Reservoir Kit							
—	—	1	Reservoir	29	92079	1	Plug, Square 3/8 NPTF
26	66519	1	O-Ring 2-250	30	66607	4	#10-24 x 5/16 Machine Screw
Item 9 80300 Hydraulic Pump Kit							
—	—	1	Pump, Hydraulic	31	26781-4	1	Suction Filter
26	66519	1	O-Ring 2-250	32	10887	1	Hydraulic Pump Inlet Fitting
27	25730	1	O-Ring -012				
Item 21 7629K-4 Relief Valve Kit (2 sets)							
—	—	2	Relief Valve Assembly	34	25731	2	O-Ring -010
33	55371	2	O-Ring -008				
O-Ring Service Kits							
ns	52298-3	—	O-Ring Kit	ns	48259-2	—	Seal Kit Cartridge 3-Way and 4-Way Valve
ns	49258-2	—	Seal Kit 2-Way Valve				
ns = not shown				G = Grade			

* Use 28856 tool for pump shaft seal replacement (includes 1 seal).

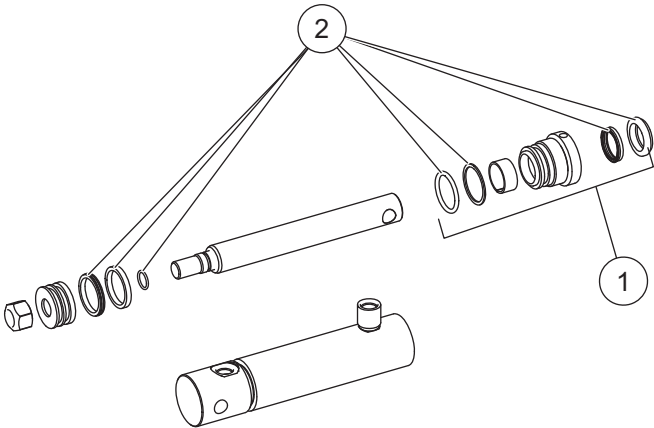
† Use 64589 tool for bearing sleeve replacement (includes 1 bearing).

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

Lift and Angle Ram Components

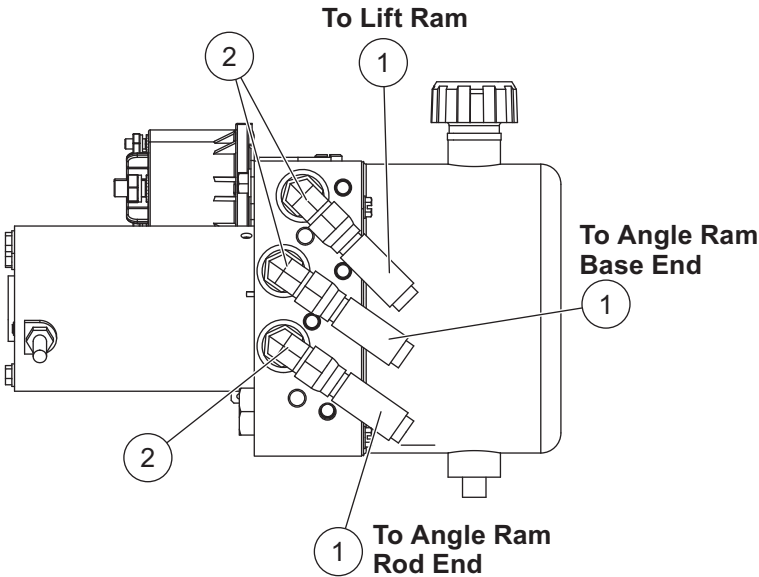
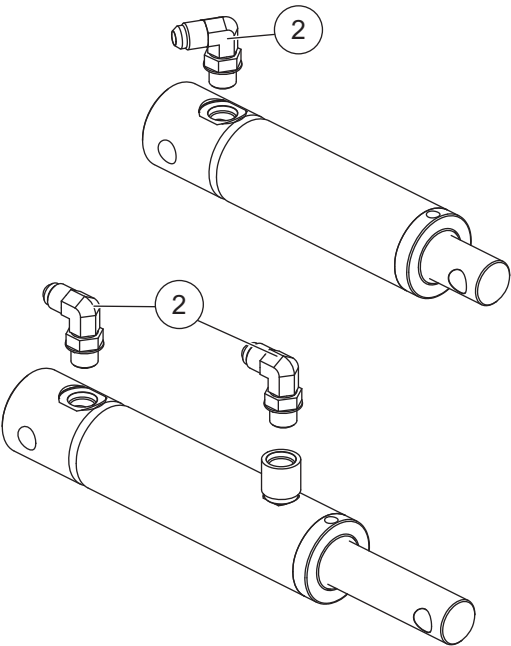


31653 Lift Ram Assembly 1-1/2 x 3			
Item	Part	Qty	Description
1	92964	1	1" Gland Nut Assembly
2	92965	1	Seal Kit 1-1/2 SA Ram



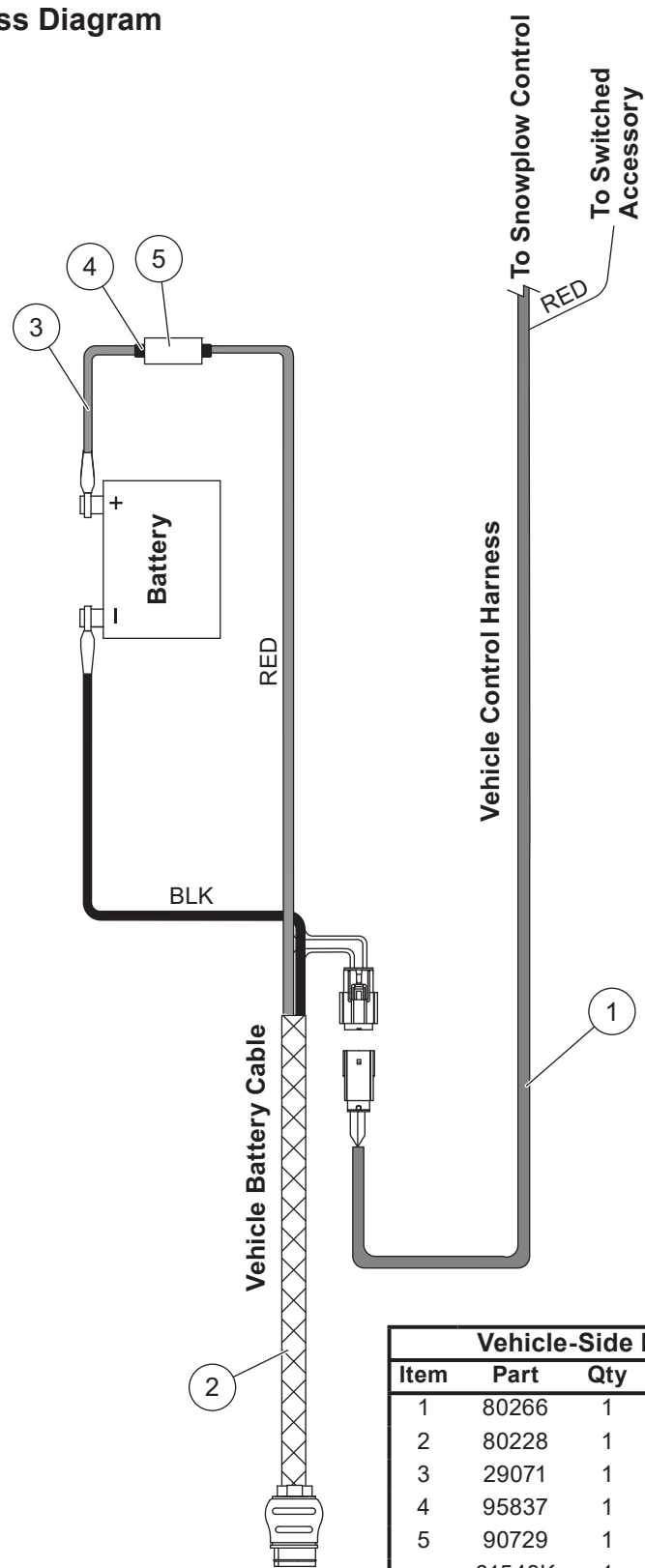
31654 Angle Ram Assembly 1-1/2 x 4 DA			
Item	Part	Qty	Description
1	92964	1	1" Gland Nut Assembly
2	96275	1	Seal Kit 1-1/2 DA Ram

Hoses and Fittings



Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	84453	3	Hose, 1/4 x 20 w/F JIC Ends	ns	56823	1	Hose Wrap
2	56615-1	6	Elbow, 90° -6 M JIC/-6 M ORB				
F = Female				ns = not shown			
				M = Male			

Vehicle-Side Harness Diagram



Vehicle-Side Electrical Components			
Item	Part	Qty	Description
1	80266	1	Vehicle Control Harness
2	80228	1	Vehicle Battery Cable
3	29071	1	8" Cable
4	95837	1	Fuse Holder
5	90729	1	200A Fuse
ns	61548K	1	Plug Cover (pkg of 2)
ns	56099	1	Dielectric Grease
ns = not shown			



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