



Fisher Engineering

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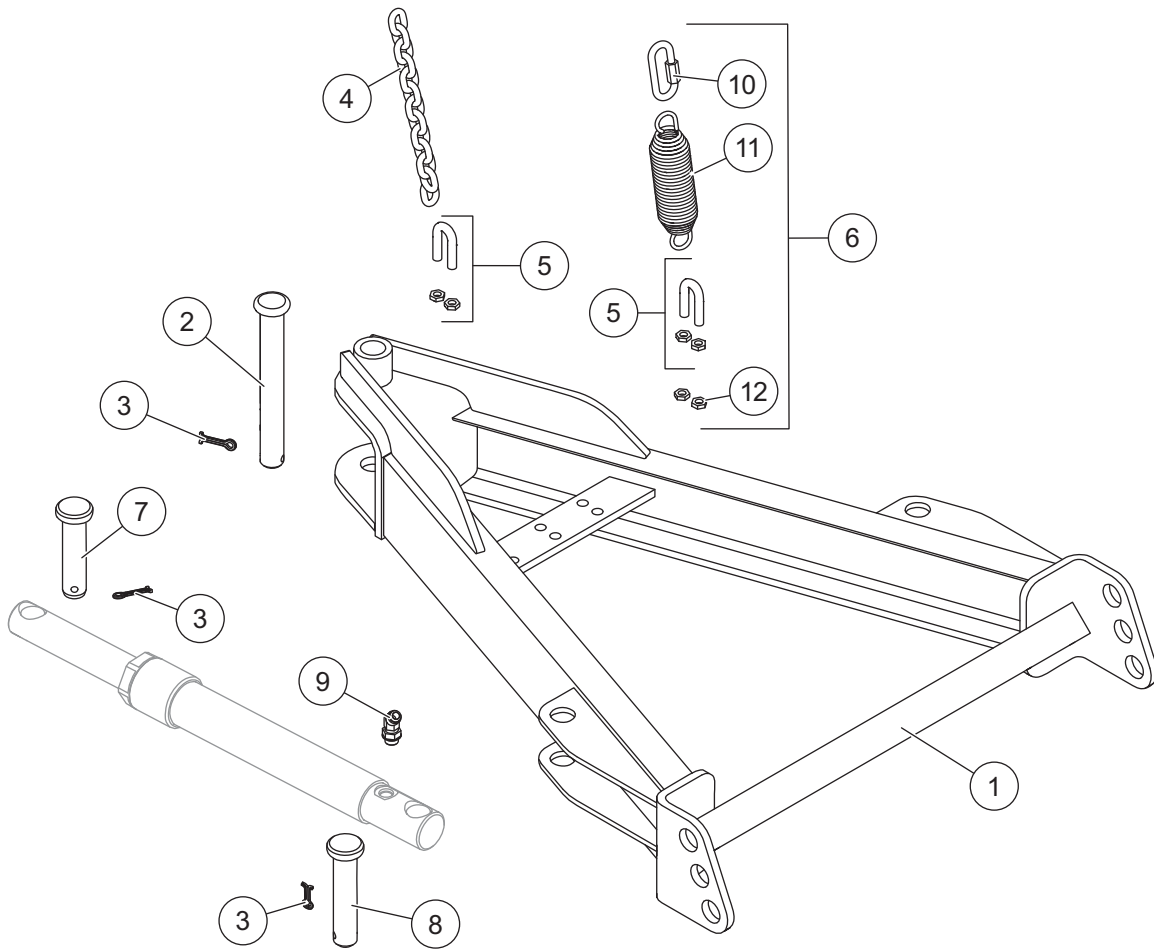
Blade and Off-Truck Kit

SD Series Snowplows

Parts List

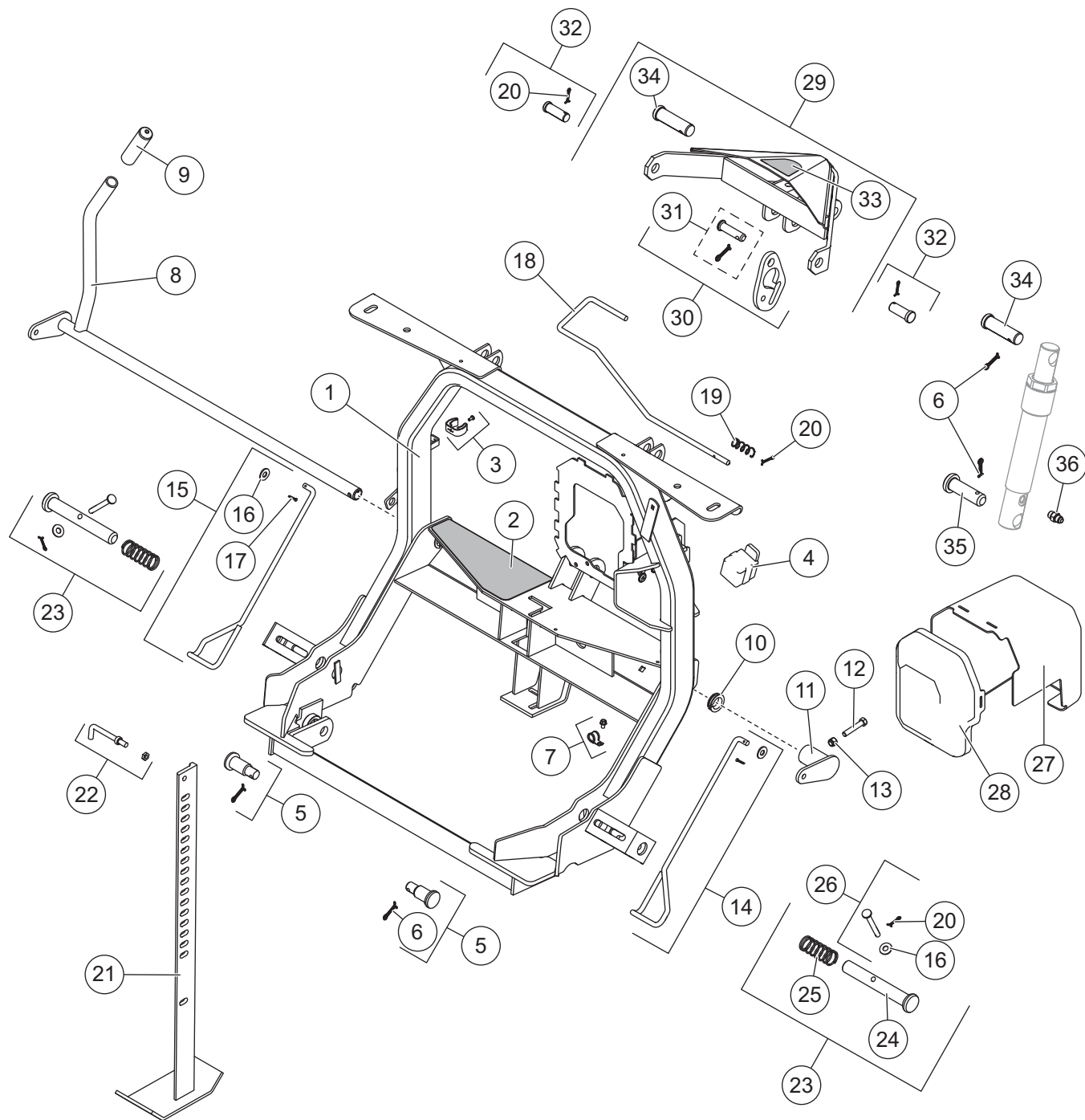
SD Series BLADE COMPONENTS	4
SD Series OFF-TRUCK KITS	5
A-Frame.....	5
Headgear	6
Hydraulic Unit.....	8
Lift Ram and Angle Ram Components	10
Hoses and Fittings	11
Electrical Components.....	12
Vehicle-Side Harness Diagram	13
Headlamp Kits.....	14–15

A-Frame Components



A-Frame Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	27995-1	1	A-Frame	6	49521	1	Spring/U-Bolt/Link Kit
2	27979	1	1 x 8 Pivot Pin	7	6816	2	1 x 4 Clevis Pin
3	90601	5	1/4 x 1-1/2 Cotter Pin	8	22260	2	1 x 4-3/4 Clevis Pin
4	27912-1	1	5/16 Grade 30 Lift Chain Bag	9	56726	2	Elbow, 45° -6 M JIC/-6 M ORB
5	A6148K	3	U-Bolt Assembly Packet				
Item 6				49521 Spring/U-Bolt/Link Kit			
5	A6148K	1	U-Bolt Assembly Packet	11	27074	1	Spring
10	68340	1	Quick Link	12	91413	2	3/8-16 Hex Nut G5
G = Grade				M = Male			

Headgear Components



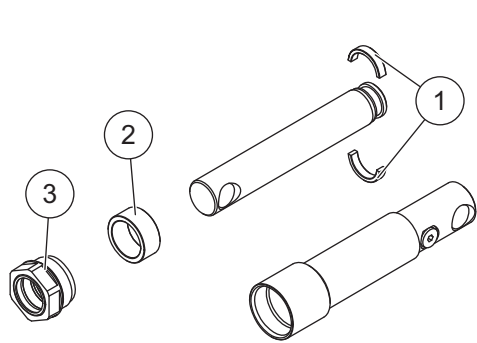
Headgear Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	49528	1	Headgear	20	90658	5	5/32 x 1-1/4 Cotter Pin
2	27451	1	Label – Attach/Detach, Minute Mount® 2	21	27741	1	Jack – SD
3	27162K-1	1	Stop Clip Kit	22	27164K	1	Handle Kit
4	8284K	1	Cable Boot	23	27168K	2	Connecting Pin Kit
5	27177K	1	Step Pin Kit (incl. item 6)	24	26833	2	1 x 6-15/16 Clevis Pin
6	90601	5	1/4 x 1-1/2 Cotter Pin	25	821	2	1 x 3-1/2 Compression Spring
7	49522	2	Clamp Loop Kit	26	26219	2	3/8 x 3-1/4 Clevis Pin Kit
8	27468	1	Handle – Link Arm Assembly	27	68312-1	1	Hydraulic Unit Cover, Front
9	27535	1	Handle Cover Kit	28	68313-1	1	Hydraulic Unit Cover, Rear
10	27163K	1	Snap-In Bushing Kit (pkg of 2)	29	26757-1	1	Lift Arm Kit (yellow)
11	27465	1	Link Arm	30	28991	1	Stop Link Kit
12	90043	1	3/8-16 x 2 Hex Cap Screw G5	31	29037	1	5/8 x 2-5/8 Clevis Pin w/Cotter
13	91333	1	3/8 x 16 Hex Locknut GB	32	4289K	2	3/4 x 1-7/8 Machine Pin Packet
14	27167K	1	Wire Cam Kit – PS	33	26777	1	Nameplate – Logo, Minute Mount 2
15	27166K	1	Wire Cam Kit – DS	34	95720	1	1 x 3-5/16 Clevis Pin HT
16	90315	4	3/8 Flat Washer Type A Wide	35	6814	1	1 x 3-5/16 Clevis Pin
17	91902	2	1/8 x 1 Cotter Pin	36	49526	1	Connector, –6 M JIC/–6 M ORB
18	27478	1	Jack Lock	ns	69689	1	Label – Logo, SECURITY GUARD™
19	27461	1	3/4 x 3-1/2 Compression Spring				
Item 14 27167K Wire Cam Kit – PS							
		1	Wire Cam – PS	16	90315	1	3/8 Flat Washer Type A Wide
17	91902	1	1/8 x 1 Cotter Pin				
Item 15 27166K Wire Cam Kit – DS							
		1	Wire Cam – DS	16	90315	1	3/8 Flat Washer Type A Wide
17	91902	1	1/8 x 1 Cotter Pin				
Item 23 27168K Connecting Pin Kit							
24	26833	1	1 x 6-15/16 Clevis Pin	26	26219	1	3/8 x 3-1/4 Clevis Pin Kit
25	821	1	1 x 3-1/2 Compression Spring				
Item 26 26219 3/8 x 3-1/4 Clevis Pin Kit							
		1	3/8 x 3-1/4 Clevis Pin	20	90658	1	5/32 x 1-1/4 Cotter Pin
16	90315	1	3/8 Flat Washer Type A Wide				
Item 29 26757-1 Lift Arm Kit (yellow)							
		1	Lift Arm	33	26777	1	Nameplate – Logo, Minute Mount 2
30	28991	1	Stop Link Kit	34	95720	1	1 x 3-5/16 Clevis Pin HT
Item 30 28991 Stop Link Kit							
		1	Stop Link	31	29037	1	5/8 x 2-5/8 Clevis Pin w/Cotter
Item 31 29037 5/8 x 2-5/8 Clevis Pin w/Cotter							
		1	5/8 x 2-5/8 Clevis Pin G8			1	1/4 x 1-1/2 Cotter Pin
Item 32 4289K 3/4 x 1-7/8 Machine Pin Packet							
		1	3/4 x 2 Pin	20	90658	1	5/32 x 1-1/4 Cotter Pin
ns = not shown				G = Grade			
				M = Male			
				HT = Heat Treated			

42295 Hydraulic Unit 2500 psi 42290 Hydraulic Unit Service Kit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	21500K-1	1	Motor, 4-1/2	18	7639K-2	3	Coil w/Spades
2	22344K	1	Elbow, Street 90° w/Breather	19**	66515	1	Pump Shaft Seal
3	21727-2	1	Breather Pressure Control	20	77929	3	Elbow, 90° –6 M JIC/–6 M ORB
4	21726	1	Elbow, Street 90° 3/8 M NPTF/ 3/8 F NPTF	21	21501K-1	1	Hydraulic Pump Kit
5	42294-2	1	Valve Manifold Assembly	22	56274	1	O-Ring -013
6	42292-2	1	Manifold Assembly	23	56416	1	O-Ring -014
7	56662	1	Quill Assembly	24	26781-4	1	Suction Filter
8	56315	1	Back-Up Ring -006	25	66519	1	O-Ring 2-250
9	25622	1	O-Ring -006	26	21830	1	Reservoir Kit
10	7630K	1	Poppet Check Valve Kit	27	66607	4	#10-24 x 5/16 Slotted Hex Washer-Head Machine Screw
11	92960	2	Plug, Hex Socket –3 M ORB	28	92079	1	Plug, Square 3/8 NPTF
12	56507	1	Bypass Check Valve Kit	29	92095	1	Plug, Hex Socket 1/4 NPTF w/Thread Sealant – SAE 130109N/P
13	7629K-4	2	Relief Valve Kit (set of 2)	30	90073	5	5/16-18 x 2-1/4 Hex Cap Screw
14*	64596-1	1	Sleeve Bearing and Shaft Seal Kit	31	66405	1	Return Screen Assembly
15	7637K-1	1	Cartridge Valve, 4-Way w/Nut	32	73897	1	Magnet
16	66608K-1	1	Cartridge Valve, 3-Way w/Nut				
17	7634K-2	1	Valve, 2-Way w/Nut				
Item 2 22344K Elbow, Street 90° w/Breather							
3	21727-2	1	Breather Pressure Control	4	21726	1	Elbow, Street 90° 3/8 M NPTF/ 3/8 F NPTF
Item 5 42294-2 Valve Manifold Assembly							
10	7630K	1	Poppet Check Valve Kit	16	66608K-1	1	Cartridge Valve, 3-Way w/Nut
11	92960	1	Plug, Hex Socket –3 M ORB	17	7634K-2	1	Valve, 2-Way w/Nut
13	7629K-4	1	Relief Valve Kit (set of 2)	18	7639K-2	3	Coil w/Spades
15	7637K-1	1	Cartridge Valve, 4-Way w/Nut				
Item 6 42292-2 Manifold Assembly							
7	56662	1	Quill Assembly	13	7629K-4	1	Relief Valve Kit (set of 2)
11	92960	1	Plug, Hex Socket –3 M ORB	14*	64596-1	1	Sleeve Bearing and Shaft Seal Kit
12	56507	1	Bypass Check Valve Kit	19**	66515	1	Pump Shaft Seal
Item 21 21501K-1 Hydraulic Pump Kit							
22	56274	1	O-Ring -013	24	26781-4	1	Suction Filter
23	56416	1	O-Ring -014	25	66519	1	O-Ring 2-250
Item 26 21830 Reservoir Kit							
27	66607	4	#10-24 x 5/16 Slotted Hex Washer-Head Machine Screw	29	92095	1	Plug, Hex Socket 1/4 NPTF w/Thread Sealant – SAE 130109N/P
28	92079	1	Plug, Square 3/8 NPTF				
O-Ring Service Kits							
–	7632K-5	–	O-Ring & Back-Up Ring Kit	–	49259-2	–	Seal Kit, 3-Way & 4-Way Valve
–	49258-2	–	Seal Kit, 2-Way Valve				
M = Male				F = Female			

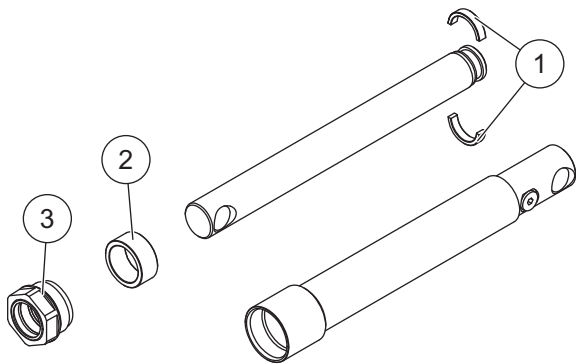
* Use 64589 tool for bearing sleeve replacement (includes 1 bearing).

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

Lift Ram and Angle Ram Components

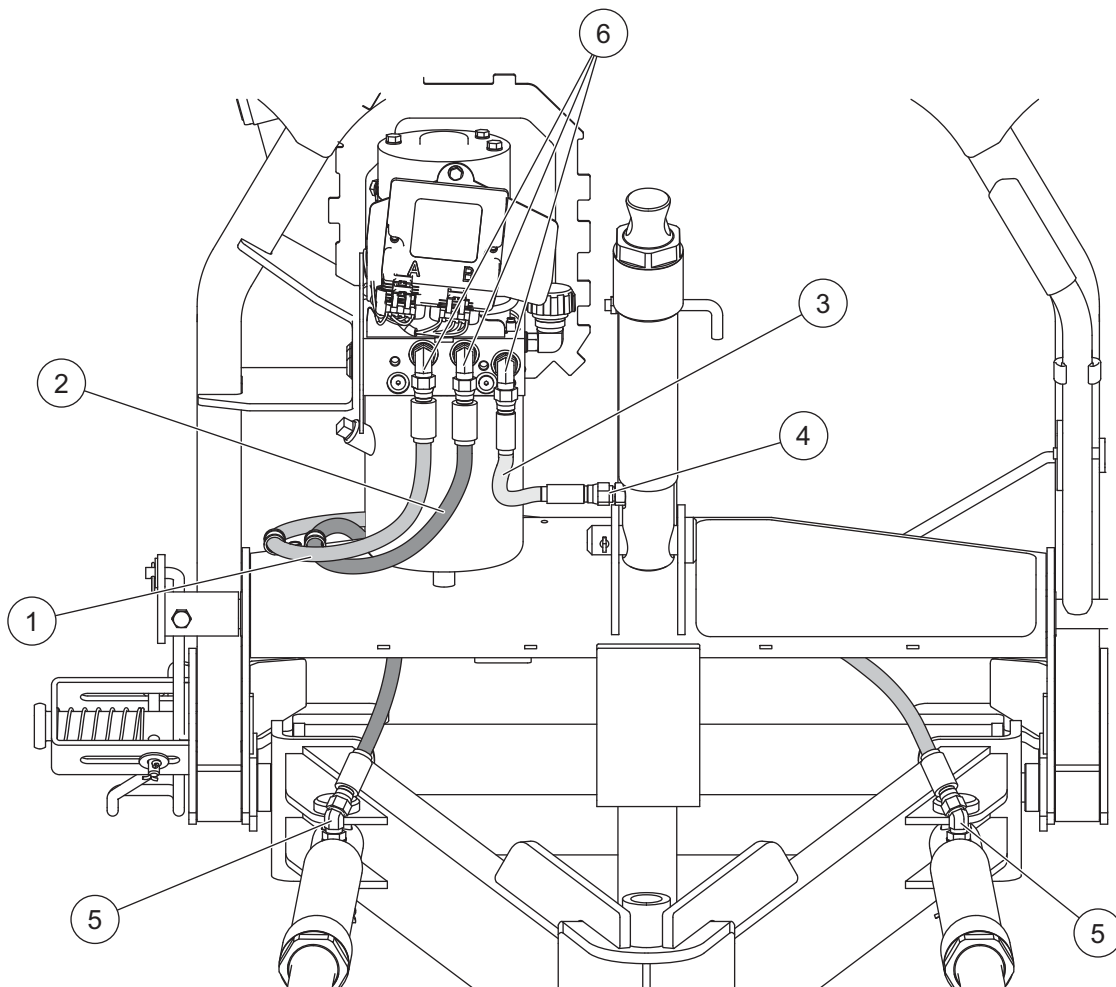


56718 Lift Ram Assembly 1-1/2 x 6			
Item	Part	Qty	Description
1	20118K	1	Split Bearing Kit
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly



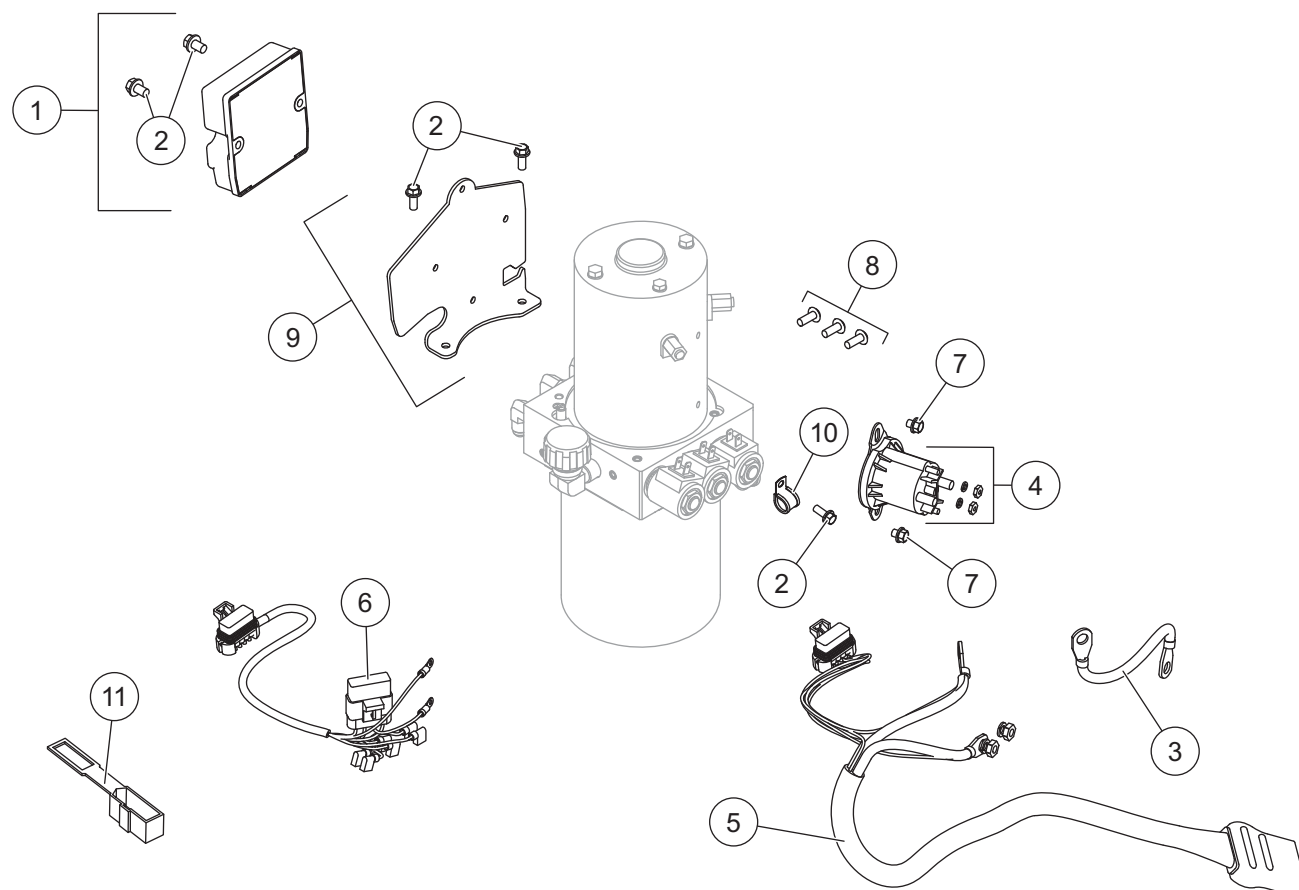
56600K Angle Ram Assembly 1-1/2 x 10			
Item	Part	Qty	Description
1	20118K	1	Split Bearing Kit
2	56537	1	Spacer
3	48985	1	Gland Nut Assembly

Hoses and Fittings



Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	44348	1	Hose, 3/8 x 42 w/F JIC Ends	4	49526	1	Connector, -6 M JIC/-6 M ORB
2	44866	1	Hose, 3/8 x 32 w/F JIC Ends	5	56726	2	Elbow Kit, 45° -6 M JIC/-6 M ORB
3	56832	1	Hose, 1/4 x 8 w/F JIC Ends	6	77929	3	Elbow, 90° -6 M JIC/-6 M ORB w/Screen
F = Female				M = Male			

Electrical Components

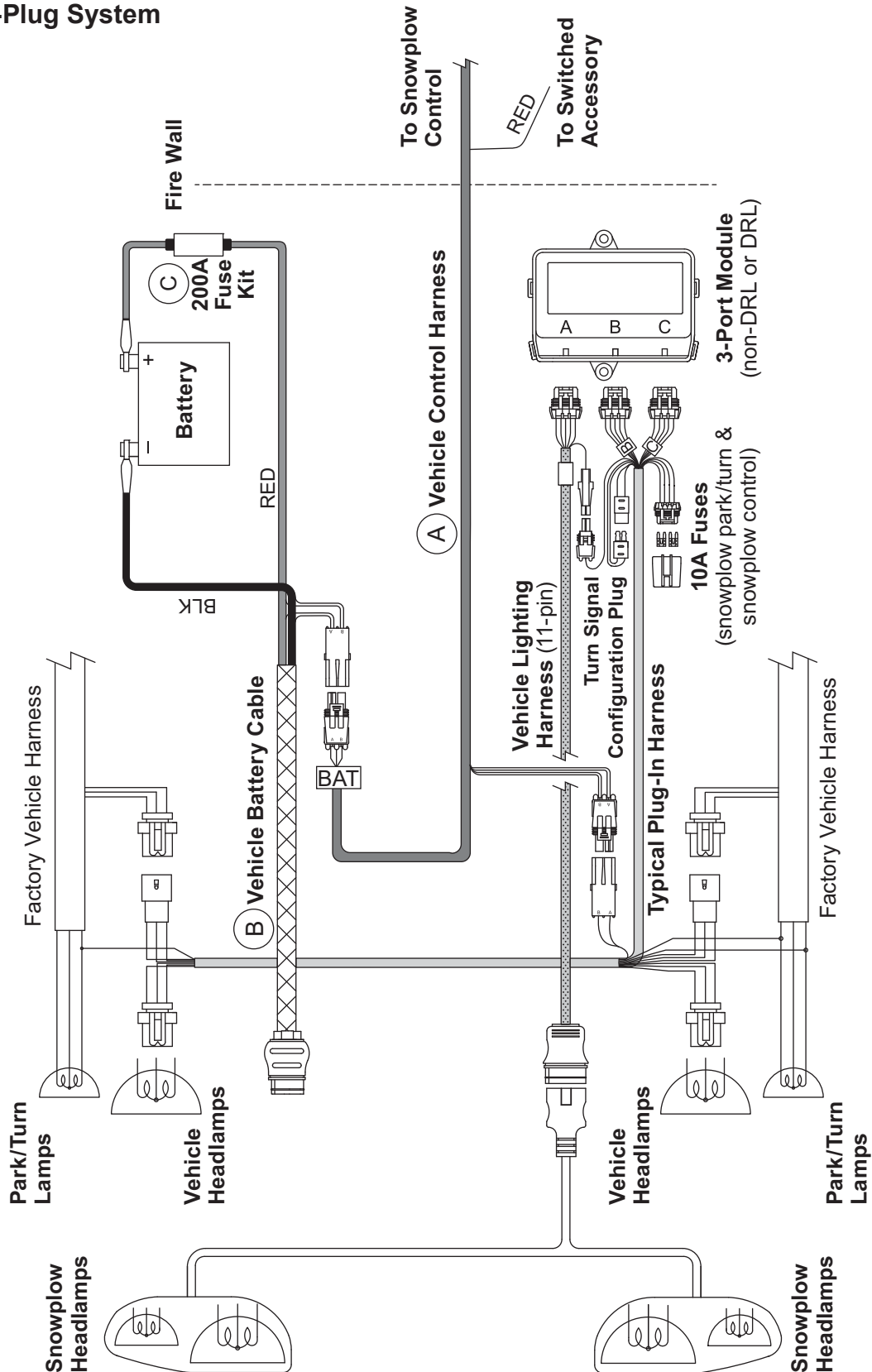


Plow-Side Electrical Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	49567	1	Plow Module, 2-Port	7	29099	2	1/4-20 x 1/4 Hex Washer-Head Thread-Rolling Screw
2	44355	5	1/4-20 x 5/8 Hex Washer-Head Thread-Rolling Screw	8	72384-1	1	3/8-16 x 1 Serrated Flange Hex Cap Screw (pkg of 3)
3	29071	1	Cable Assembly 8"	9	42287	1	Bracket – Plow Module
4	42901	1	Motor Relay Kit FLEET FLEX System	10	49522	1	Clamp Loop Kit
5	42015	1	Snowplow Battery Cable	ns	56099	1	Dielectric Grease
6	28581-1	1	Plow Control Harness, 3-Solenoid				
ns = not shown							

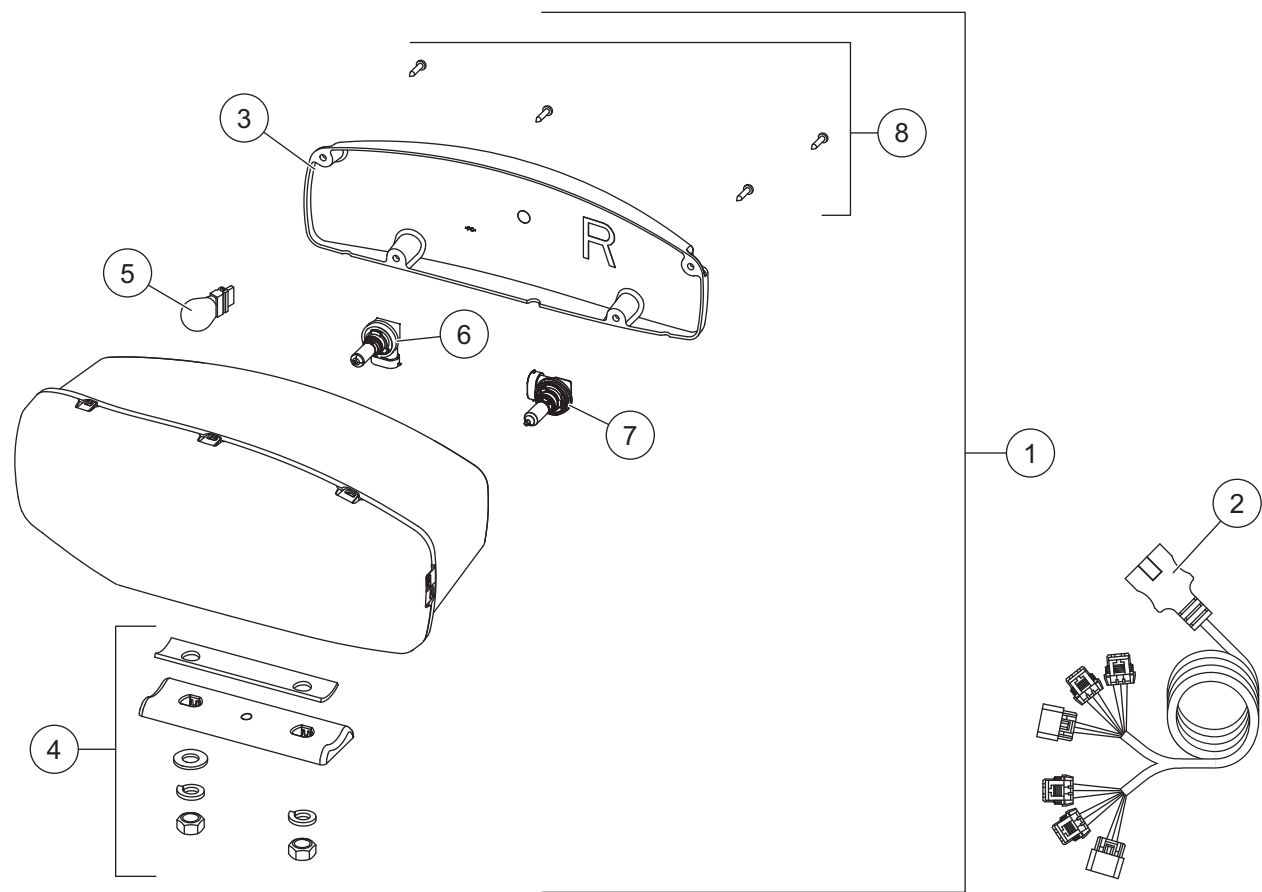
Vehicle-Side Electrical Components (diagram on following page)							
A*	28587	1	Vehicle Control Harness	11	61548K	1	Plug Cover Kit (shown above with plow-side electrical components)
B*	42014	1	Vehicle Battery Cable				
C*	90730	1	200A Fuse Kit				

*See Vehicle-Side Harness Diagram – 3-Port, 2-Plug System on following page.

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

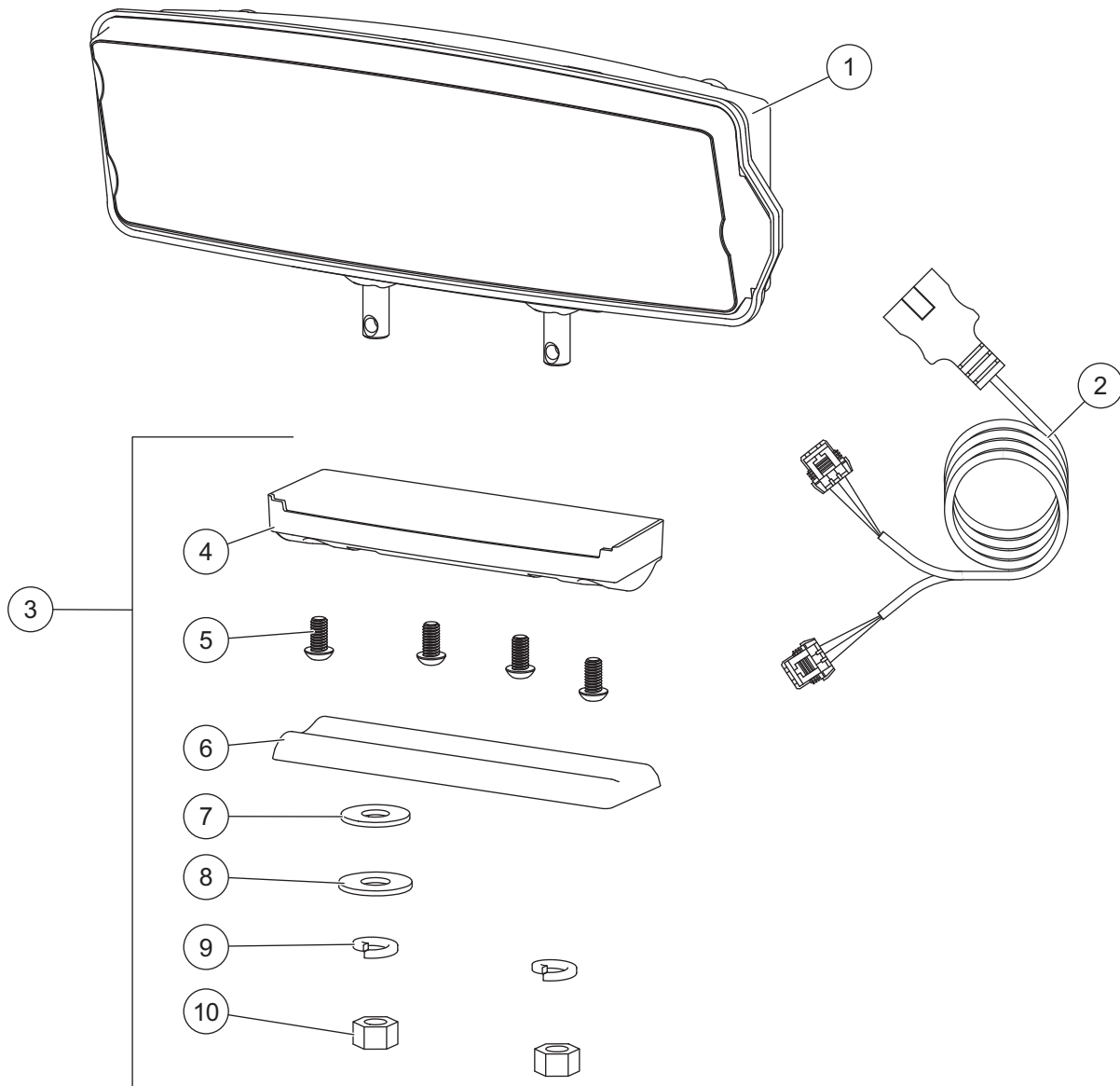


Headlamp Kit – Halogen



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	Headlamp Bulb Service Kit H11
ns	38812	1	Rear Cover Kit H9/H11 – DS	7	38809	1	Headlamp Bulb Service Kit H9
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)				
ns = not shown							

Headlamp Kit – LED



Headlamp Kit LED							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	39901	1	Headlamp Service Kit LED – DS	3	39903	1	Mounting Hardware Kit LED
ns	39902	1	Headlamp Service Kit LED – PS	ns	72512	1	LED Harness Connector Cover (pkg of 2)
2	72548	1	Harness Service Kit LED				
Item 3				39903 Mounting Hardware Kit LED			
4		1	Plastic Casing	8		1	1/2 Flat Washer
5		4	1/4 Button Cap Screw	9		2	1/2 Lock Washer
6		1	Headlamp Swivel	10		2	1/2 Hex Nut
7		1	1/2 Rubber Washer	ns		1	Metal Insert
ns = not shown							



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