



Fisher Engineering

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**79000, 79000-3, 79000-4,
79200(CH), 79200-3(CH),
79200-4(CH), 79250, 79350**

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Blade and Off-Truck Kit

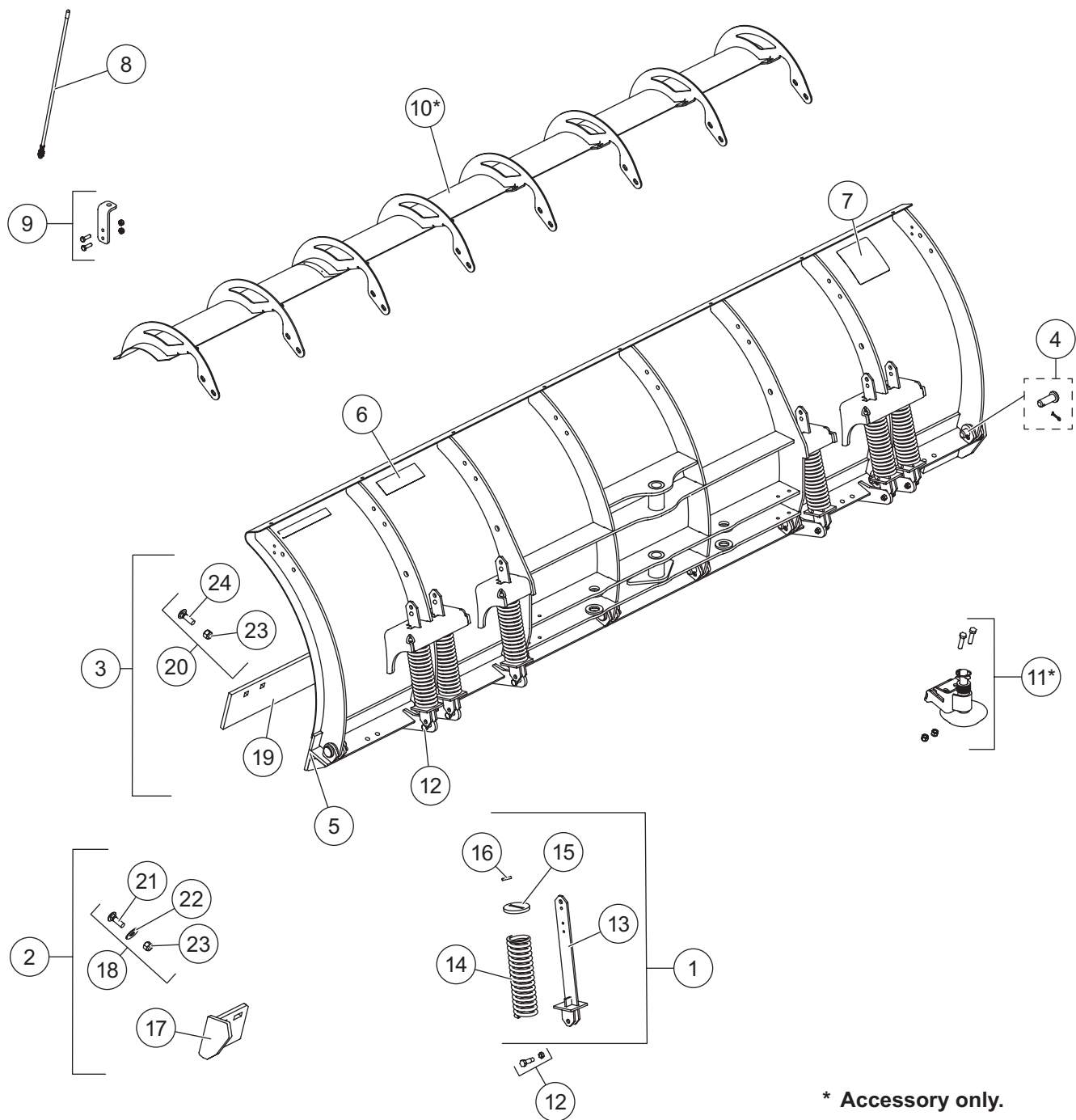
HC Series Snowplows

Including Central Hydraulics Applications

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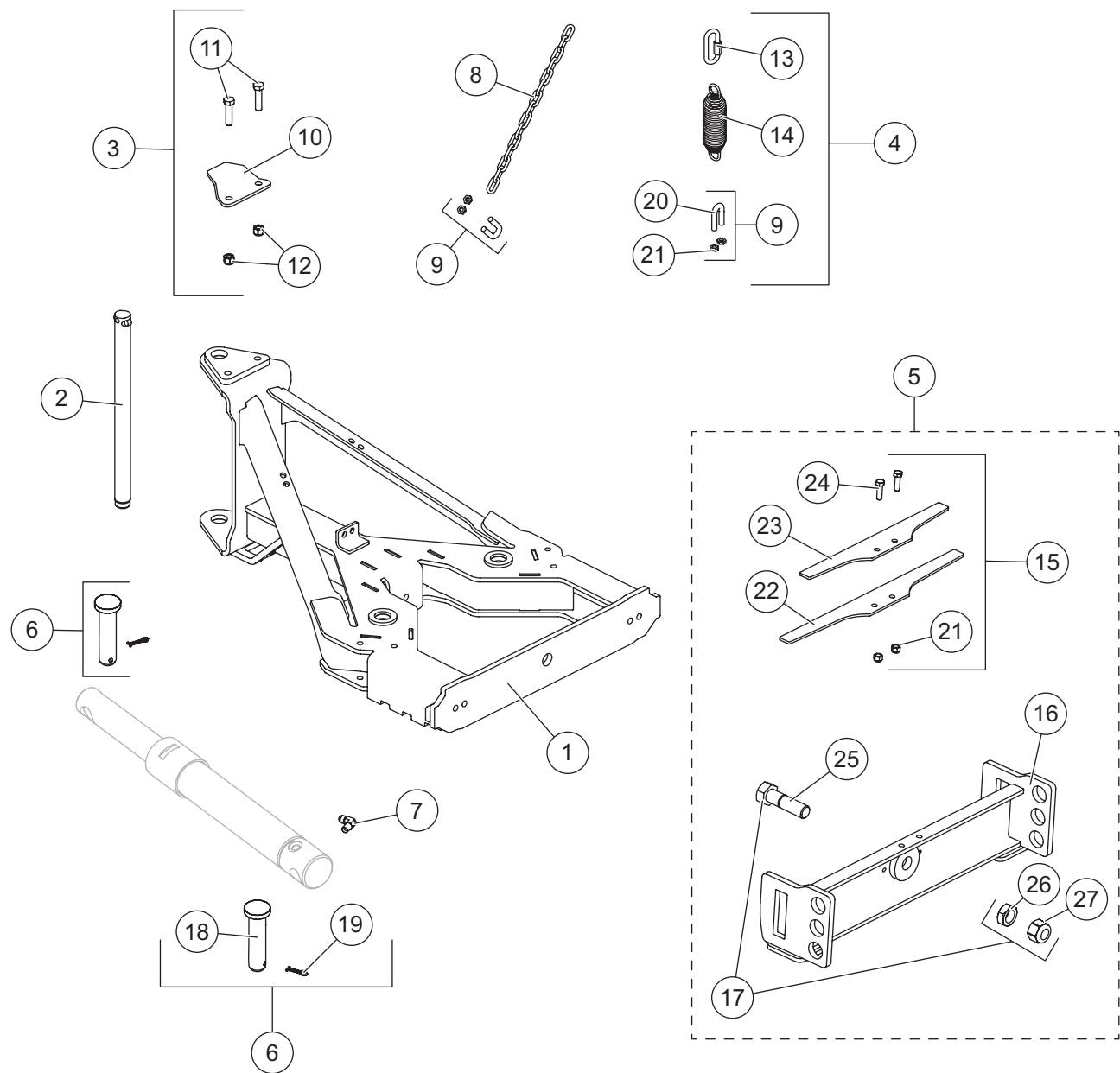
Blade Components



* Accessory only.

** Qty 4 for 9' blades; qty 6 for 10' blades.

T-Frame Components



79000, 79000-3, 79000-4, 79200(CH), 79200-3(CH), 79200-4(CH), 79250, 79350

T-Frame Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	74130	1	T-Frame	6	87761	2	Ram Pin Kit
2	49844	1	1-1/4 x 16-3/4 Pivot Pin	7	56725	2	Elbow, 90° –6 M JIC/–6 M ORB
3	97070	1	Retainer Plate Kit	8	28351-1	1	Chain Bag
4	42423	1	3/8 Spring / U-Bolt / Link Kit	9	A6148K	3	U-Bolt Assembly Packet
5	72195	1	Pivot Beam Kit				
Item 3				97070 Retainer Plate Kit			
10		1	Retainer Plate	12		2	1/2-13 Hex Locknut GB
11		2	1/2-13 x 2 Hex Cap Screw G5				
Item 4				42423 3/8 Spring / U-Bolt / Link Kit			
9	A6148K	1	U-Bolt Assembly Packet	14	27074	1	Extension Spring
13	68616	1	3/8 Quick Link	ns	91413	2	3/8-16 Hex Nut G5
Item 5				72195 Pivot Beam Kit			
15	51130	1	Leaf Spring Kit	17	52621	1	Pivot Beam Fastener Kit
16		1	Pivot Beam				
Item 6				87761 Ram Pin Kit			
18	20790	1	Cylinder Pin	19	90013	1	1/4 x 2 Cotter Pin
Item 9				A6148K U-Bolt Assembly Packet			
20	90453	1	3/8-16 x 1-5/8 x 1/2 x 1-1/8 U-Bolt	21		2	3/8-16 Hex Locknut G5
Item 15				51130 Leaf Spring Kit			
21		2	3/8-16 Hex Locknut GB	23		1	Upper Leaf Spring
22		1	Lower Leaf Spring	24		2	3/8-16 x 1-1/4 Hex Cap Screw G5
Item 17				52621 Pivot Beam Fastener Kit			
25		1	1-8 x 3-1/2 Hex Cap Screw G5	27		1	1-8 Hex Locknut GB
26		1	1-8 Hex Jam Nut G5				
G = Grade				M = Male		ns = not shown	



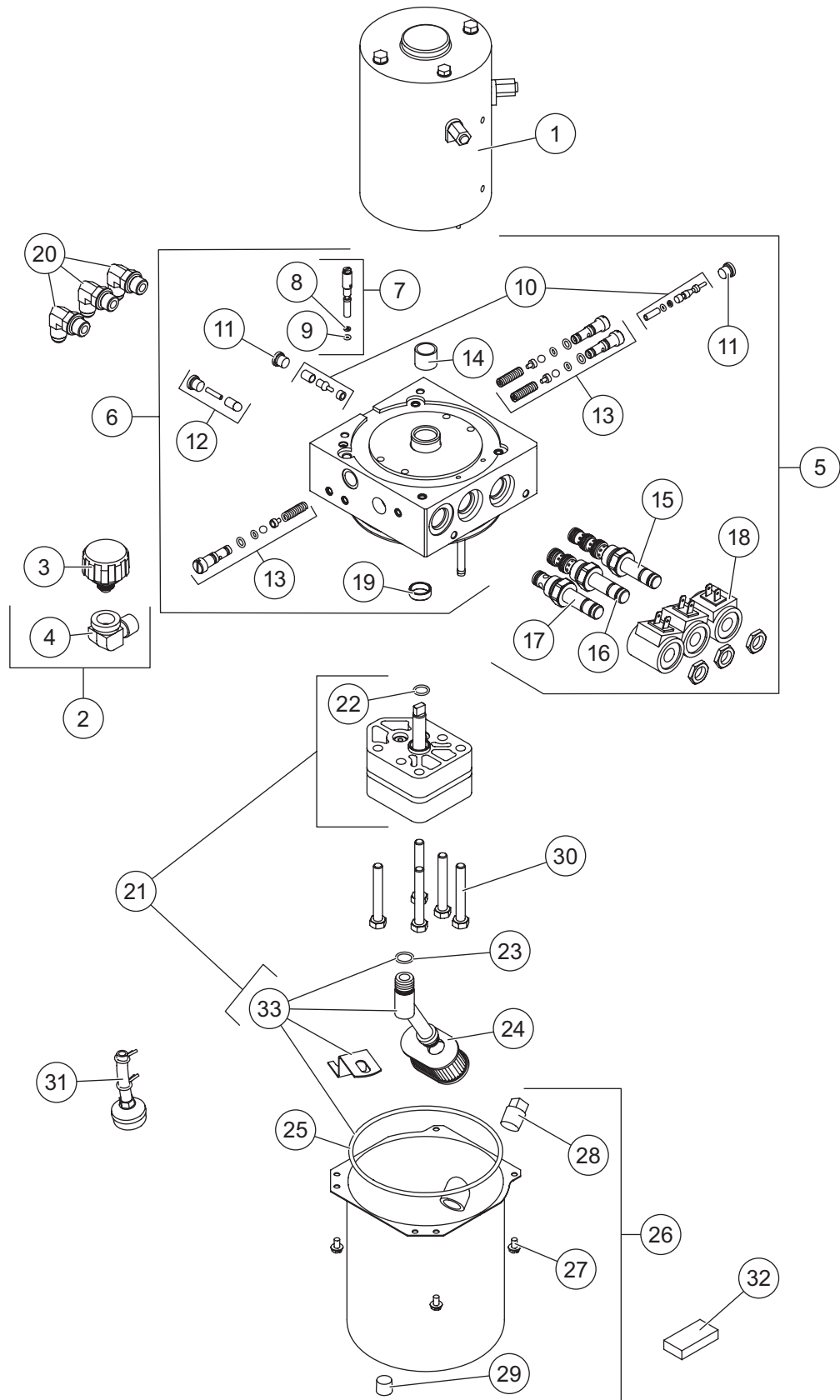
79000, 79000-3, 79000-4, 79200(CH), 79200-3(CH), 79200-4(CH), 79250, 79350

Headgear Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	49527-1	1	Headgear	16	90013	2	1/4 x 2 Cotter Pin
2	28350-2	1	Lift Arm Kit – Yellow	17	26172	1	Jack
3	27468	1	Handle – Link Arm Assembly	18	27164K	1	Handle Kit
4	27478	1	Jack Lock	19†	68313-1	1	Cover, Rear
5	27461	1	3/4 x 3-1/2 Compression Spring	20†	68312-1	1	Cover, Front
6	90658	5	5/32 x 1-1/4 Cotter Pin	21	43603	1	1 x 3-3/4 Clevis Pin and Cotter
7	90043	1	3/8-16 x 2 Hex Cap Screw G5	22	49526†	1	Connector –6 M JIC/–6 M ORB
8	91333	1	3/8-16 Hex Locknut GB		56725‡	1	Elbow 90° –6 M JIC/–6 M ORB
9	27465	1	Link Arm	23	95720	1	1 x 3-5/16 Clevis Pin HT
10	8284K	1	Cable Boot	24	27535	1	Handle Cover Kit
11	27163K	1	Snap-In Bushing Kit (2 bushings)	25†	49522	2	Clamp Loop Kit
12	27167K	1	Wire Cam Kit – PS	26	27162K-1	1	Stop Clip Kit
13	27166K	1	Wire Cam Kit – DS	27	27451	1	Label – Attach/Detach, Minute Mount® 2
14	27168K	2	Connecting Pin Kit				
15	26164	2	1-1/4 x 3-1/16 Pin	ns	69689†	1	Label – Logo, SECURITY GUARD™
Item 2				28350-2 Lift Arm Kit – Yellow			
28	26777	1	Label – Nameplate, Minute Mount 2	30	4289K	1	3/4 x 2 Machine Pin Packet
29	28991	1	Stop Link Kit				
Item 12				27167K Wire Cam Kit – PS			
31	26905	1	Wire Cam – PS	33	91902	1	1/8 x 1 Cotter Pin
32	90315	1	3/8 Flat Washer, Type A Wide				
Item 13				27166K Wire Cam Kit – DS			
32	90315	1	3/8 Flat Washer, Type A Wide	34	26921	1	Wire Cam – DS
33	91902	1	1/8 x 1 Cotter Pin				
Item 14				27168K Connecting Pin Kit			
35	26219	1	Clevis Pin Kit	37	821	1	1 x 3-1/2 Compression Spring
36	26833	1	1 x 6-15/16 Clevis Pin				
Item 21				43603 1 x 3-3/4 Clevis Pin and Cotter			
38	42521	1	1 x 3-3/4 Clevis Pin	39		2	1/4 x 1-1/2 Cotter Pin
Item 29				28991 Stop Link Kit			
40	29037	1	5/8 x 2-5/8 Clevis Pin w/Cotter	41		1	Stop Link
Item 30				4289K 3/4 x 2 Machine Pin Packet			
6	90658	1	5/32 x 1-1/4 Cotter Pin	42	4289	1	3/4 x 2 Pin
Item 35				26219 Clevis Pin Kit			
6	90658	1	5/32 x 1-1/4 Cotter Pin	43	26210	1	3/8 x 3-1/4 Clevis Pin
32	90315	1	3/8 Flat Washer Type A Wide				
G = Grade		HT = Heat Treated		M = Male		ns = not shown	

[†] Not used for central hydraulics.

[‡] Central hydraulics only.

Hydraulic Unit Components



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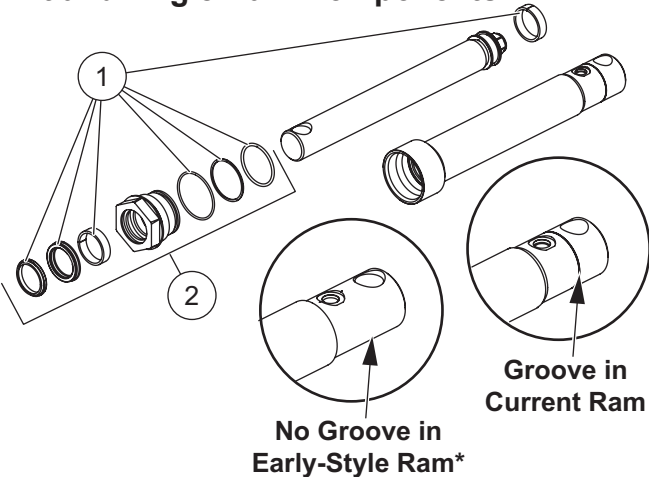
72352 Hydraulic Unit 72353* Hydraulic Unit Service Kit (not used for central hydraulics)							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	21500K-1	1	Motor, 4-1/2	18	7639K-2	3	Coil w/Spades
2	22344K	1	Elbow, Street 90° w/Breather	19†	66515	1	Pump Shaft Seal
3	21727-2	1	Breather Pressure Control	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 O-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	33	66763-1	1	Inlet Fitting/Filter Kit
17	7634K-2	1	Valve, 2-Way w/Nut				
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				
F = Female				M = Male			

* Includes 72352 hydraulic unit and plow-side electrical components (p. 13).

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

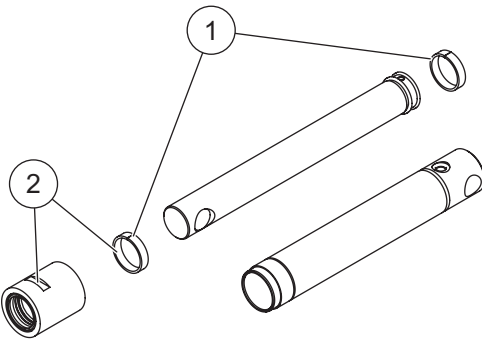
‡ Use 28856 tool for pump shaft seal replacement (includes 1 seal).

Lift and Angle Ram Components



43132-1 Lift Ram Assembly 1-3/4 x 10			
Item	Part	Qty	Description
1	77924	1	Seal Kit
2	43135	1	Gland Nut Assembly

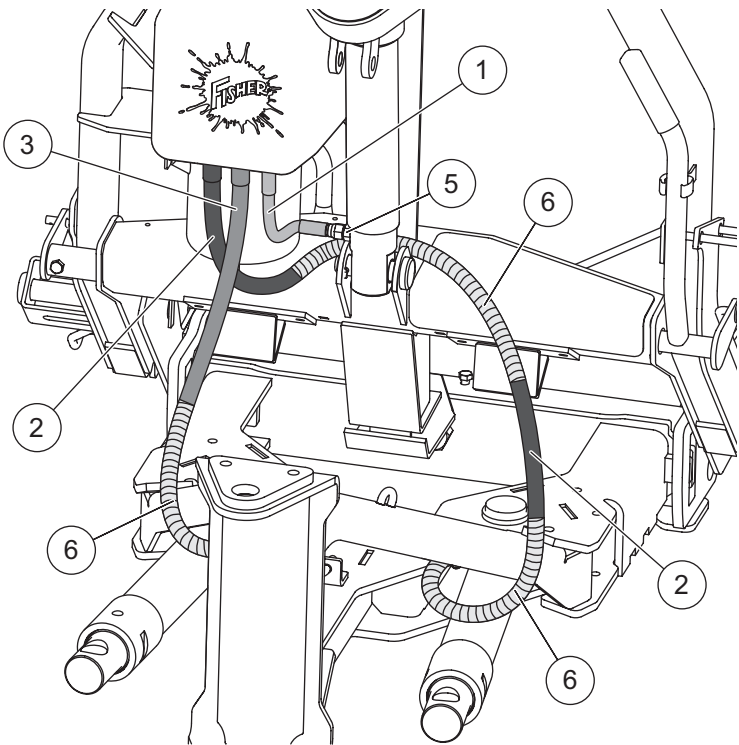
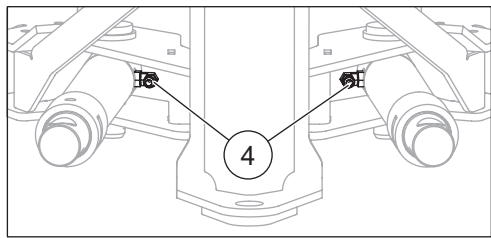
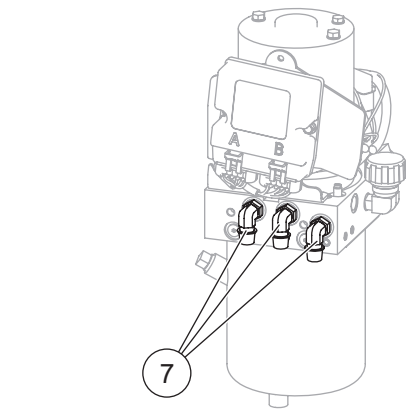
* Early-style lift rams are obsolete and should be replaced with current-style lift ram.



76843 Angle Ram Assembly 2 x 12-1/2			
Item	Part	Qty	Description
1	51427	2	Wear Ring
2	57125	1	Gland Nut Assembly

Angle ram accessory: 72392 Gland Nut Wrench Kit

Hoses and Fittings

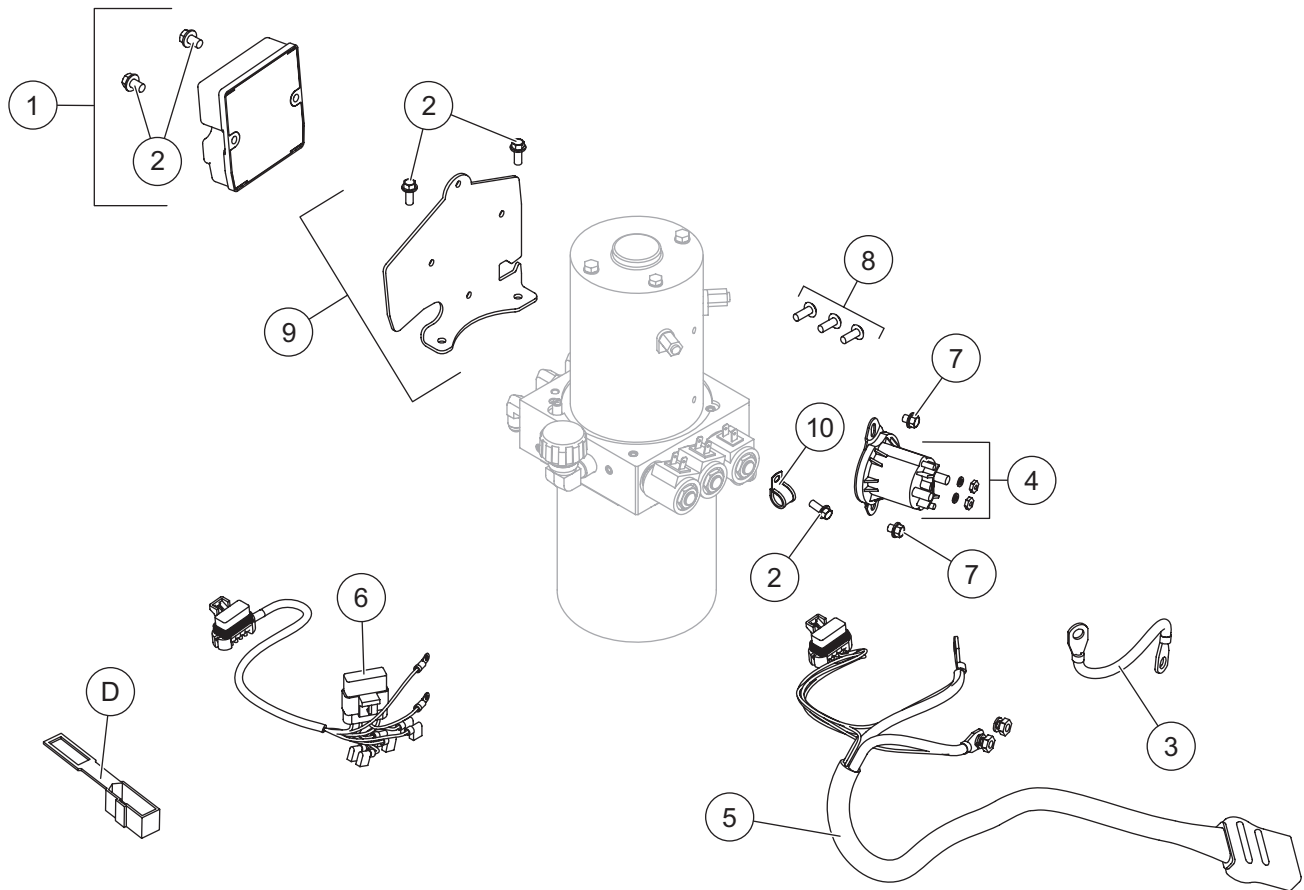


Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	56832	1	Hose, 1/4 x 8 w/F JIC Ends	5*	49526	1	Connector, Short –6 M JIC/–6 M ORB
2	44867	1	Hose, 3/8 x 57 w/F JIC Ends	6	57693	5	Hose Wrap
3	44348	1	Hose, 3/8 x 42 w/F JIC Ends	7	77929	3	Elbow, 90° –6 M JIC/–6 M ORB w/Screen
4	56725	2†	Elbow, 90° –6 M JIC/–6 M ORB				
F = Female				M = Male			

* Not used for central hydraulics.

† Qty 3 for central hydraulics applications.

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	Harness Plow Control, 3-Solenoid				
ns = not shown							

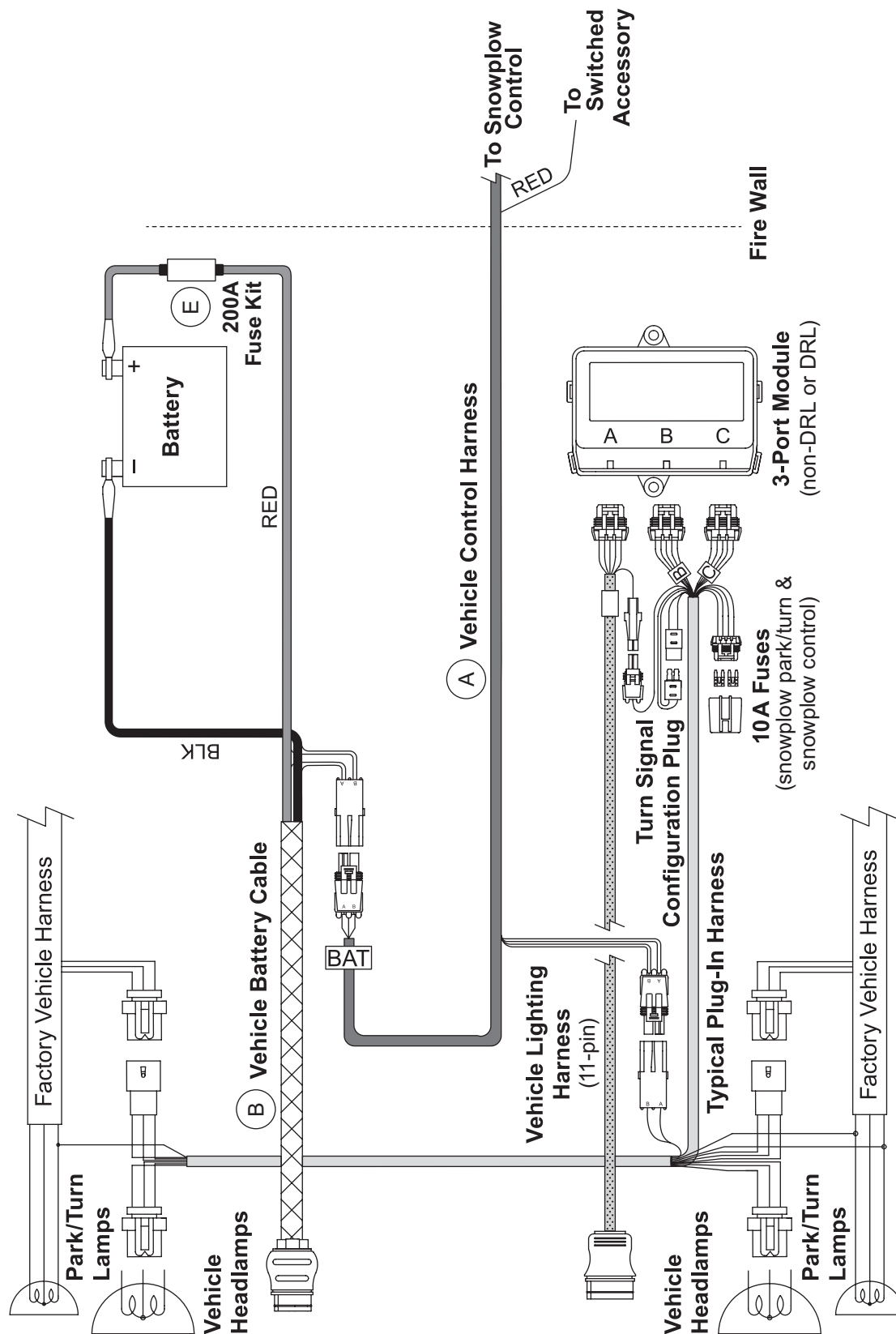
Vehicle-Side Electrical Components (diagrams on following pages)							
A†	28587	1	Vehicle Control Harness	D	61548K	1	Plug Cover Kit (shown with plow-side electrical components)
B†	72527	1	Vehicle Battery Cable	E†	90730	1	200A Fuse Kit
C†	26498	1	Vehicle Control Harness - Central Hydraulics				

* Not used for central hydraulics.

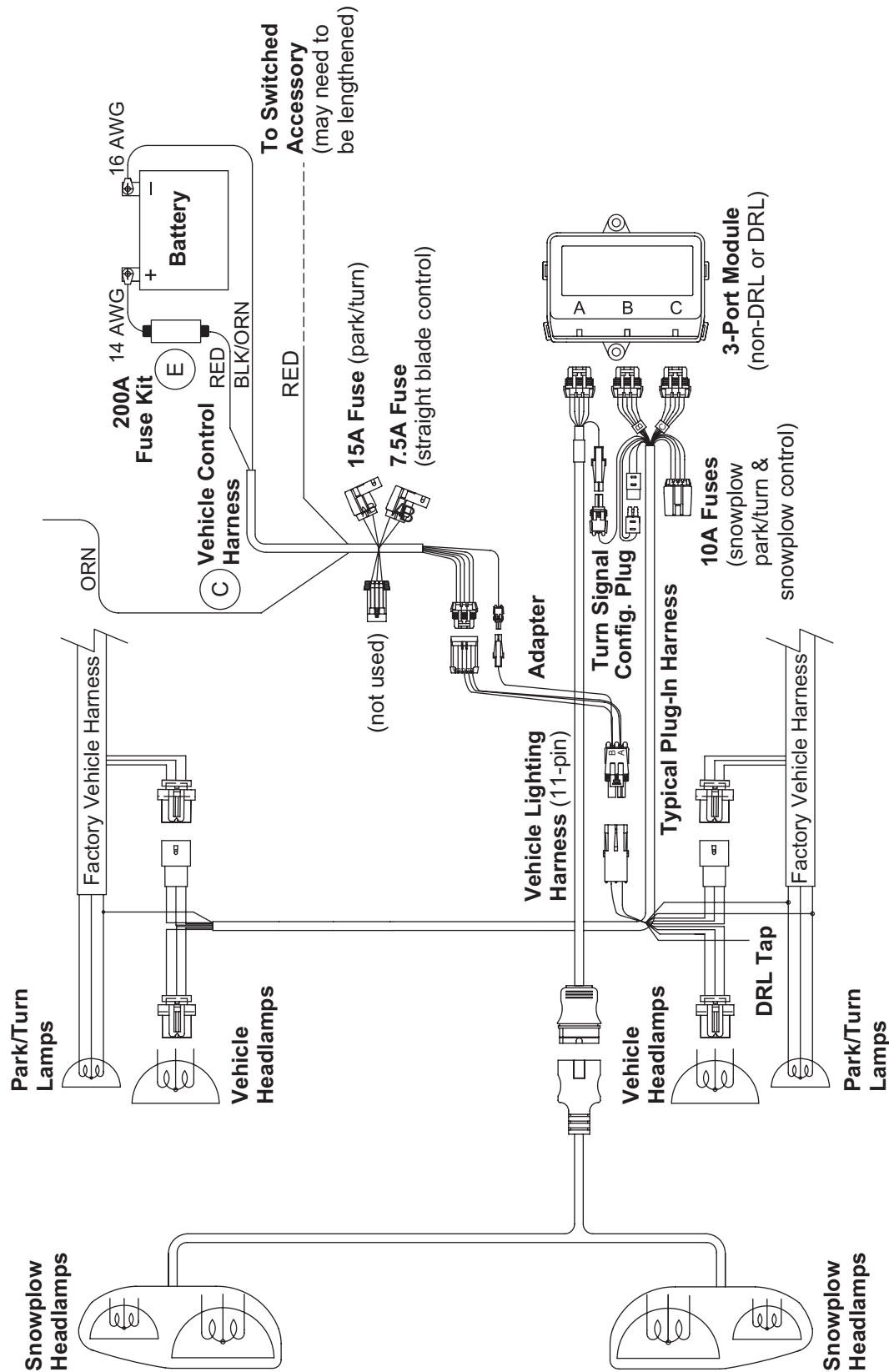
† For diagram, see Vehicle-Side Harness Diagram - 3-Port, 2-Plug System.

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

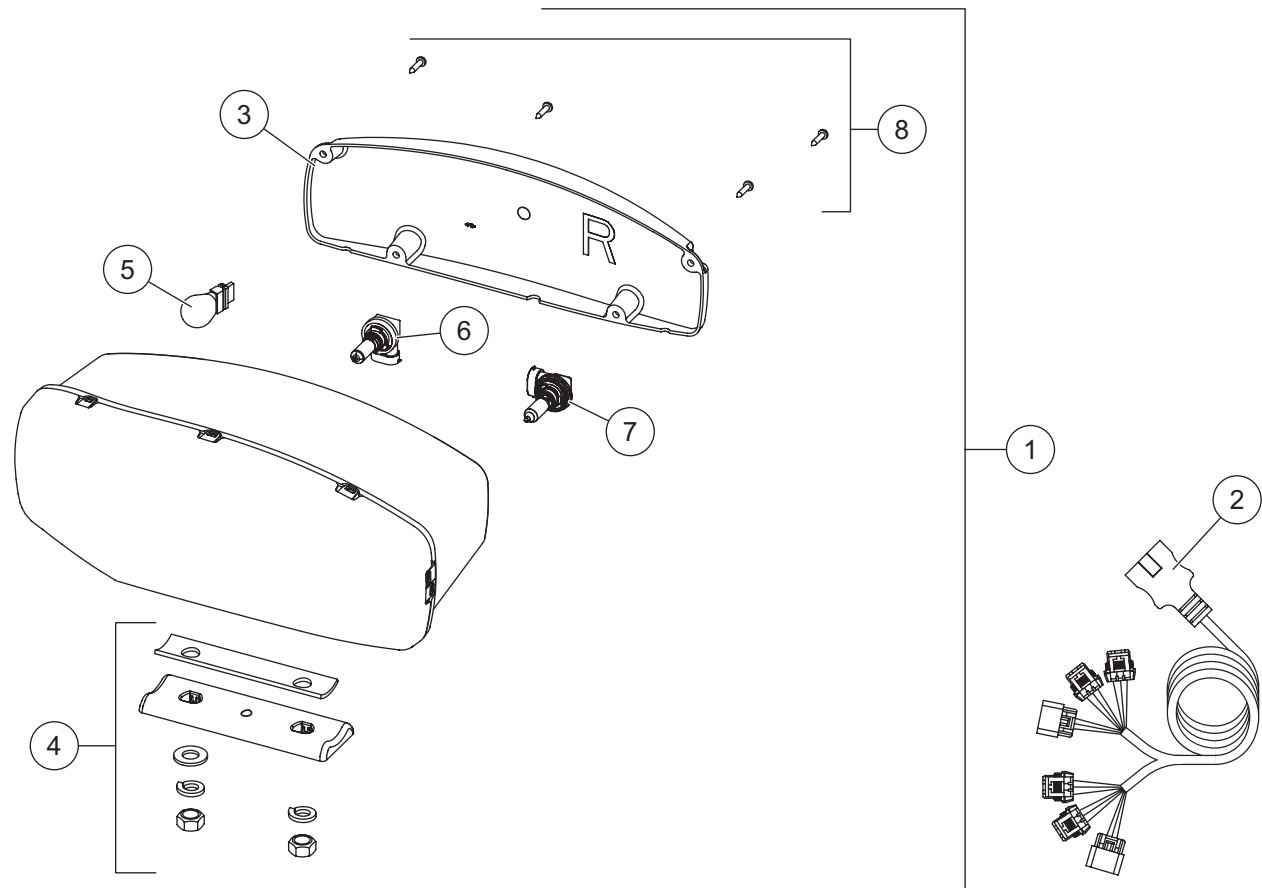
Vehicle-Side Harness Diagram – 3-Port, 2-Plug System



Vehicle-Side Harness Diagram – Central Hydraulics

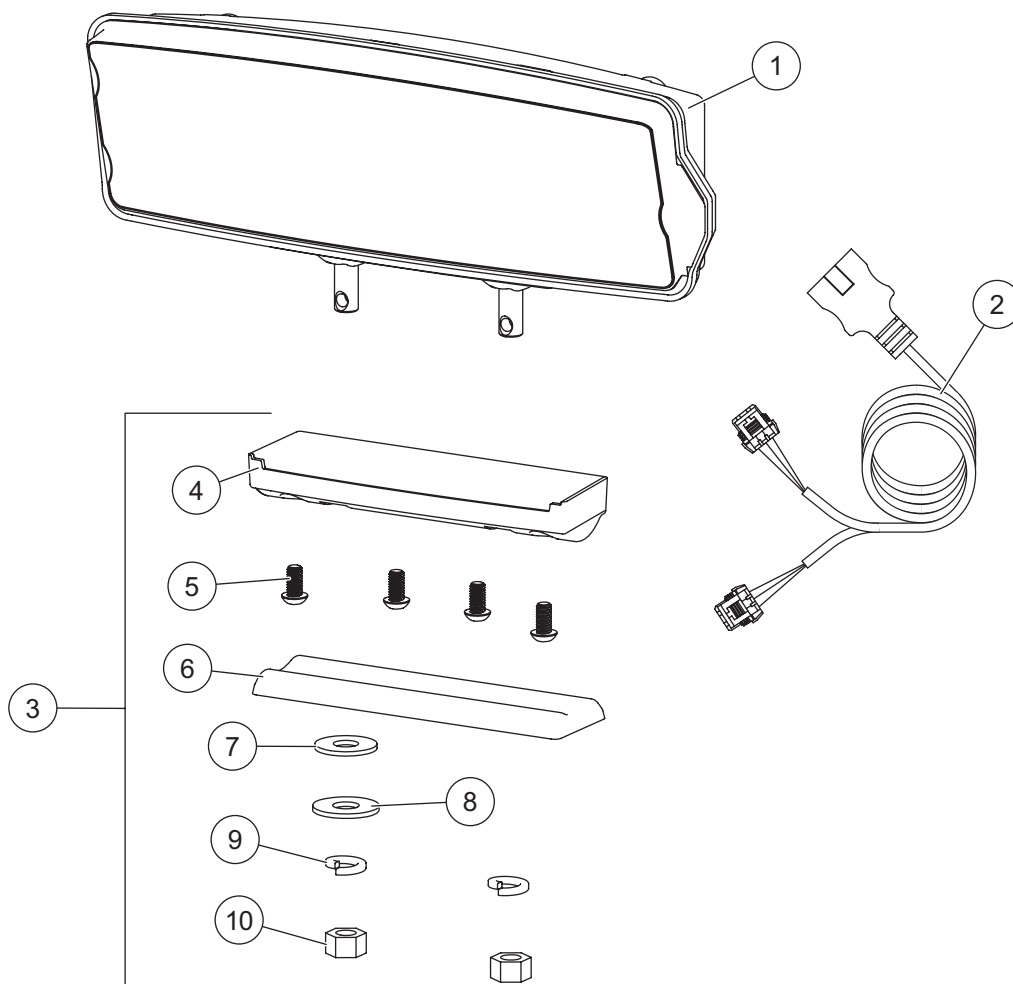


Headlamp Kit – Halogen



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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