Fisher Engineering

69400
69450

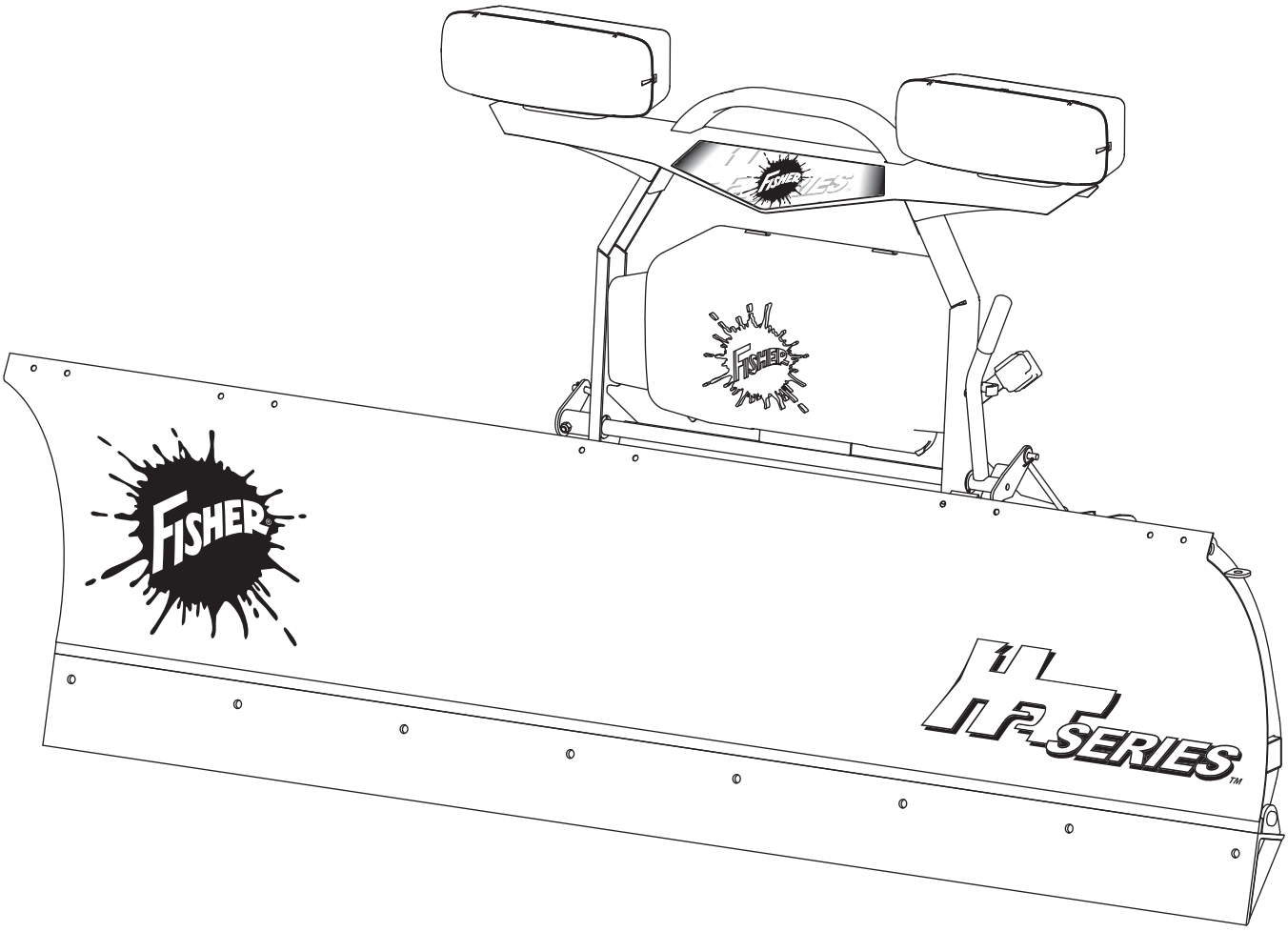
50 Gordon Drive, Rockland, Maine 04841-2139 • www.fisherplows.com

October 1, 2019
Lit. No. 69381, Rev. 08

Blade and Off-Truck Kit

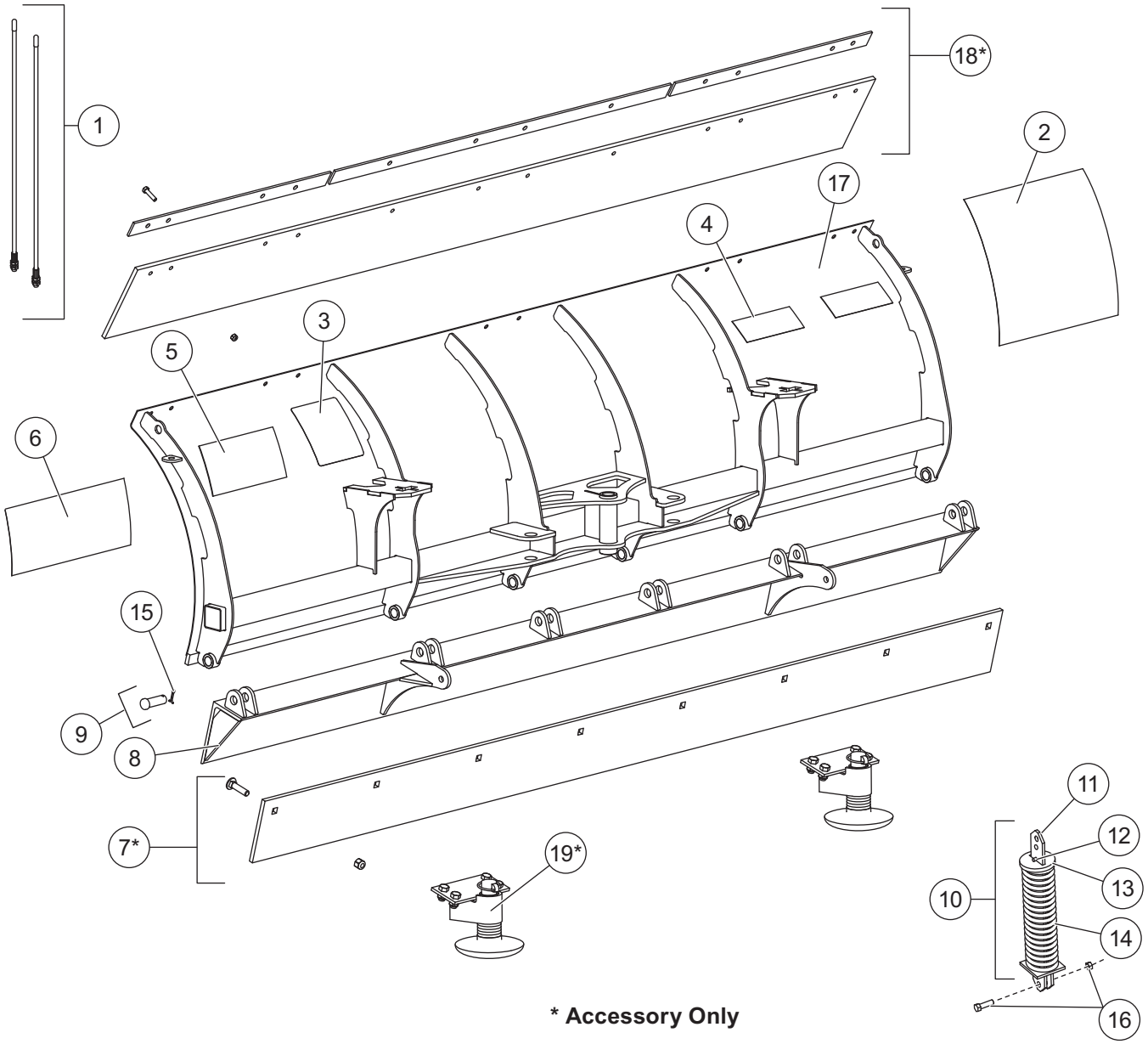
HT Series™ Snowplow

Parts List



HT Series™ BLADE 4
HT Series OFF-TRUCK KITS 6
Headgear and A-Frame Components 6
Hydraulic Unit Components 8
Lift and Angle Ram Components 10
Hoses and Fittings 10
Electrical Components 11
Vehicle-Side Harness Diagram – 3-Port, 2-Plug Systems 12
Headlamp Kit 13

Blade Components

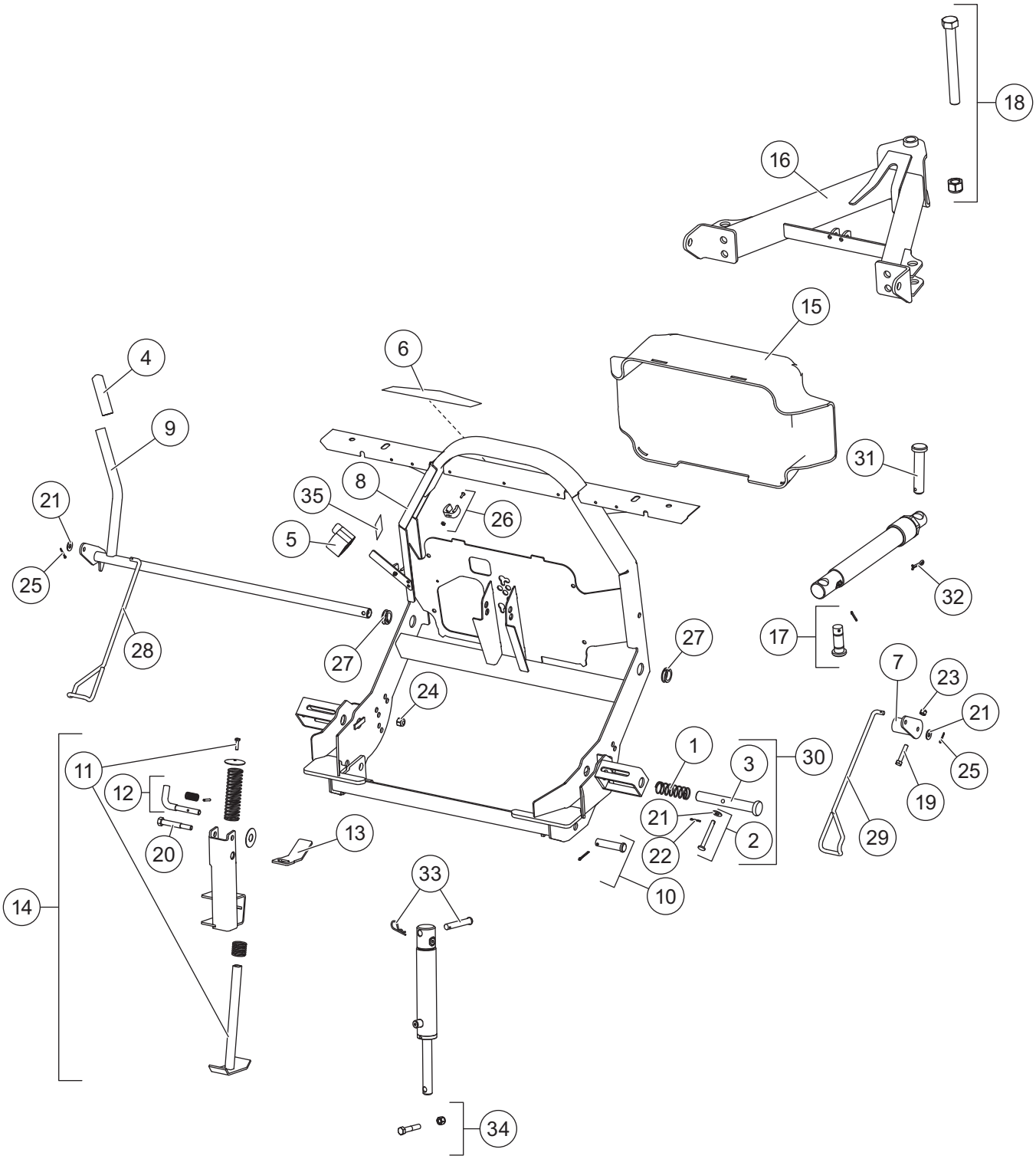


*** Accessory Only**

69400 Blade Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	7906K	1	Blade Guides (set of 2)	11	21450	2	Removable Spring Bar
2	20238	1	Label – Splatter 13-1/4 x 14-1/2	12	20181	2	1/4 x 1-1/4 Pin
3	59900	1	Label – Warning/Caution, Snowplows	13	20191	2	Removable Spring Disc
4	26211	1	Label – Identity, STORM GUARD™	14	5323	2	Trip Spring
5	69516	1	Label – Warning, Attach/Detach	15	90658	6	5/32 x 1-1/4 Pin
6	96361	1	Label – Identity, HT Series™	16	40905	2	Shoulder Bolt & Locknut Packet
7*	5532	1	3/8 Steel Cutting Edge Kit 7'6"	17	69700	1	Blade
ns*	50678	1	1/2 Steel Cutting Edge Kit 7'6"	18*	69605	1	Rubber Deflector Kit
8	69622	1	Base Angle Kit	19*	27880	1	Shoe Kit (pair)
9	84844	6	3/4 x 2-3/16 Machine Pin w/Cotter	ns*	69660	1	SnoFoil® Assembly Kit
10	21452	2	Removable Spring Assembly	ns*	44405	1	Curb Guard Kit (pair)
ns = not shown							

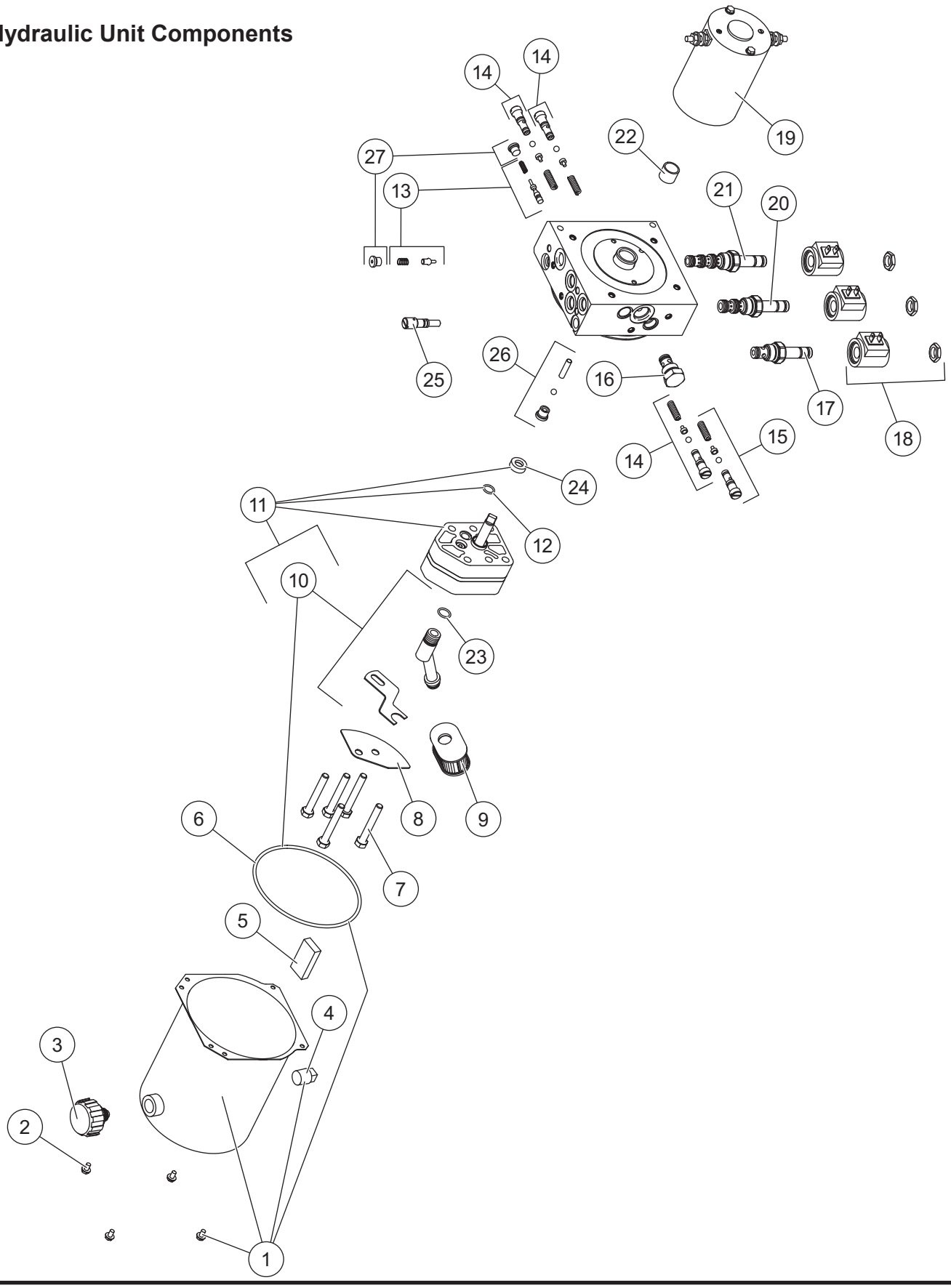
* = Accessory only.

Headgear and A-Frame Components



HT Series™ Headgear and A-Frame Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	821	2	3/4 x 3-1/2 Compression Spring	19	90043	1	3/8-16 x 2 Hex Cap Screw G5
2	26219	1	Clevis Pin Kit	20	90610	1	1/2-13 x 3-1/2 Hex Cap Screw G5
3	26833	2	1 x 6-15/16 Pin	21	90315	4	3/8 Flat Washer
4	27535	1	Handle Cover Kit	22	90658	2	5/32 x 1-1/4 Cotter Pin
5	8284K	1	Cable Boot	23	91333	1	3/8-16 Hex Locknut GB
6	69371	1	Headgear Label	24	91335	1	1/2-13 Hex Locknut
7	69683	1	Link Arm	25	91902	1	1/8 x 1 Cotter Pin
8	69518	1	Headgear	26	27162K-1	1	Stop Clip Kit
9	69606	1	Handle, Link Arm Assembly	27	27163K	1	Bushing Kit (pkg of 2)
10	69607	2	Clevis Pin Kit	28	27166K	1	Wire Cam Kit – DS
11	69617	1	Stand Leg Kit	29	27167K	1	Wire Cam Kit – PS
12	69618	1	Stand Pin Release Kit	30	27168K	2	Connecting Pin Kit
13	69619	1	Stand Spring Release Handle	31	93074	2	1 x 3-1/4 Clevis Pin
14	69625	1	Stand Assembly	32	91911	2	5/32 x 1-1/2 Cotter Pin
15	69650	1	Hydraulic Cover	33	50653	1	5/8 x 3-1/2 Pin Kit
16	69523	1	A-Frame	34	69669	1	Lift Ram Pin Kit (rod)
17	69666	2	Pin Kit	35	69689	1	Label – Logo, SECURITY GUARD™
18	69667	1	Bolt Kit				
G = Grade							

Hydraulic Unit Components



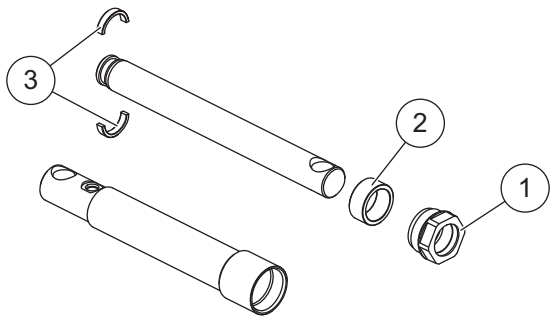
48552 HT Series™ Hydraulic Unit
48553 HT Series Hydraulic Unit Service Kit‡

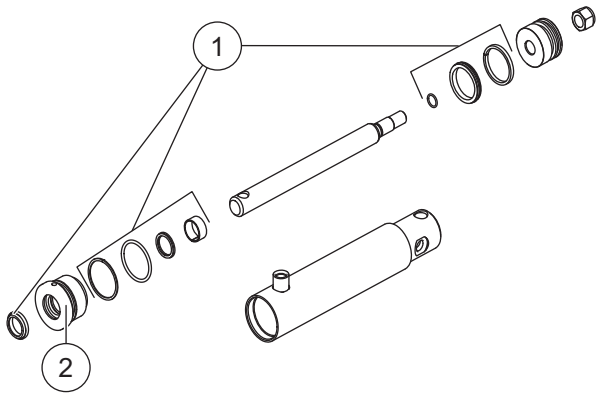
Item	Part	Qty	Description	Item	Part	Qty	Description
1	48538	1	Reservoir Kit	14	7629K-4	2	Relief Valve Kit (2 sets)
2	66607	4	#10-24 x 5/16 Slotted Hex Washer-Head Machine Screw	15	27792-1	1	Relief Valve Repair Kit
				16	44333-1	1	Check Valve CV08-20
3	21727-2	1	Breather 3/8 NPT Kit	17	7634K-2	1	Valve, 2-Way w/Nut
4	92079	1	Plug, Square 3/8 NPTF	18	7639K-2	3	Coil w/Spade Terminals
5	73897	1	Magnet	19	48543-1	1	Motor Assembly 3"
6	66519	1	O-Ring 2-250	20	66608K-1	1	Cartridge Valve, 3-Way w/Nut
7	90073	5	5/16-18 x 2-1/4 Hex Cap Screw G5	21	7637K-1	1	Cartridge Valve, 4-Way w/Nut
8	48464	1	Plate Baffle	22	64596-1	1	Bearing, Sleeve
9	26781-4	1	Suction Filter	23	56416	1	O-Ring -014
10	66763-1	1	Inlet Fitting/Filter Kit	24	66515	1	Pump Shaft Seal
11	21501-1	1	Hydraulic Pump Kit – IA	25	48517	1	Quill
12	56274	1	O-Ring -013	26	48518	1	Check Valve Assembly
13	7630K	1	Poppet Check Valve Kit	27	92960	2	Plug, Hex Socket –3 M ORB
O-Ring Service Kits							
ns	7632K-5	–	O-Ring & Back-Up Ring Kit	ns	49259-2	–	Seal Kit Cartridge, 3-Way and 4-Way Valve
ns	49258-2	–	Seal Kit, 2-Way Valve				

ns = not shown M = Male G = Grade

‡ Includes 48552 hydraulic unit and plow-side electrical components (p. 11).

Lift and Angle Ram Components

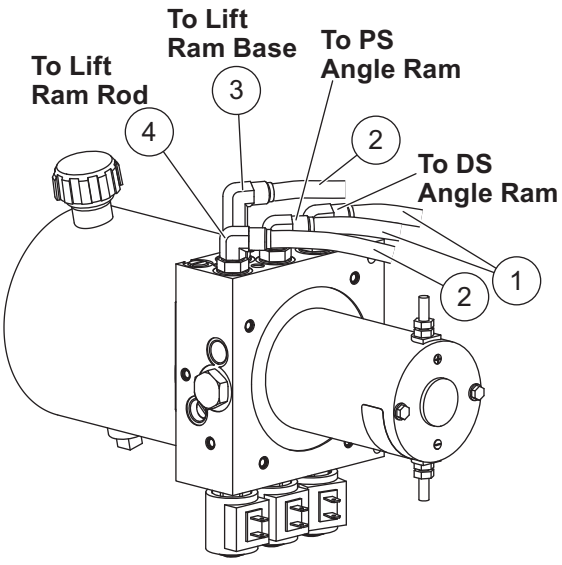


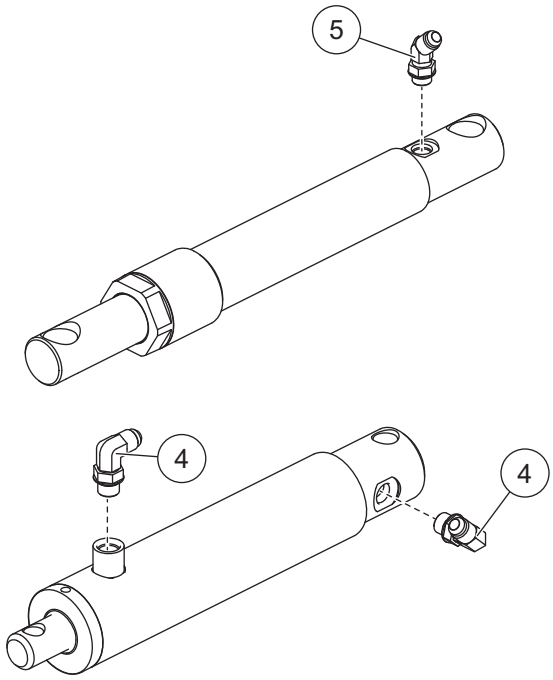


69670 Angle Ram Assembly 1-1/2 x 8			
Item	**Part**	**Qty**	**Description**
1	48985	1	Gland Nut Assembly 1-1/2"
2	56537	1	Spacer
3	20118K	1	Split Bearing Kit

69668 Lift Ram Assembly 2 x 6-3/4 DA			
Item	**Part**	**Qty**	**Description**
1	48520	1	Seal Kit 2 x 6-3/4 DA
2	48451	1	Gland 1"

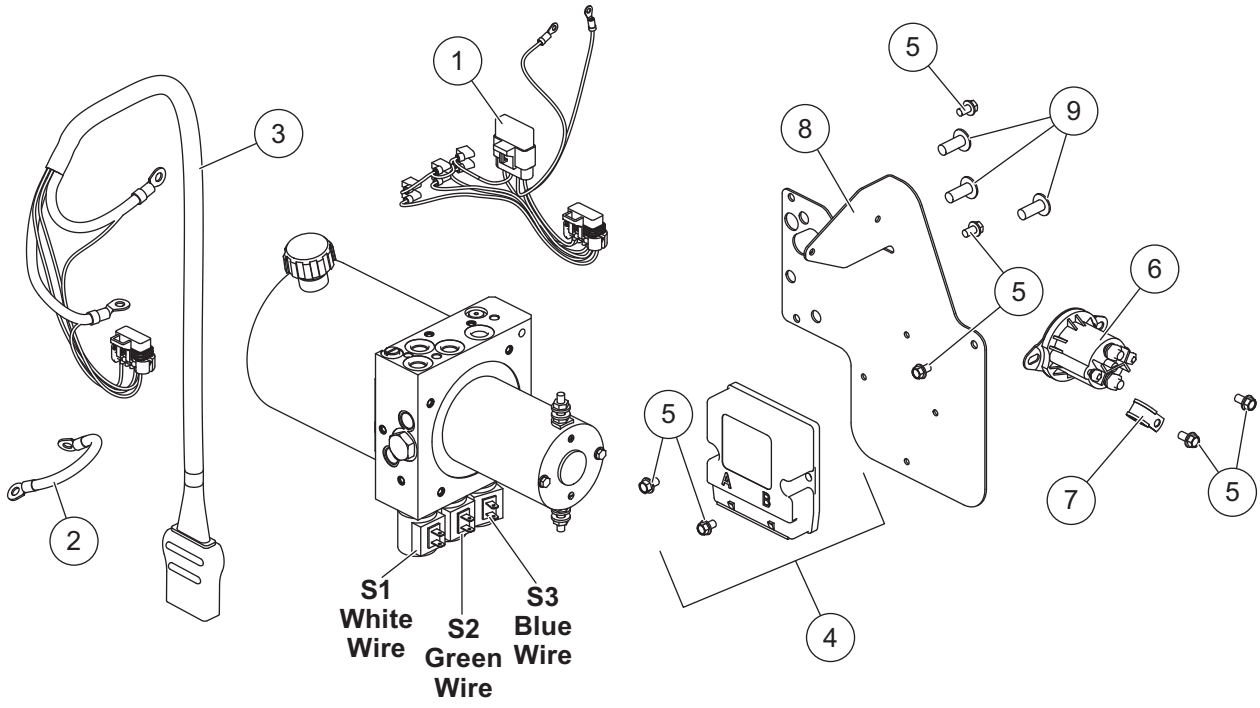
Hoses and Fittings





Hoses and Fittings							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	56710	2	Hose, 1/4 x 32 w/F JIC Ends	4	56725	5	Elbow, 90° –6 M JIC/–6 M ORB
2	56830	2	Hose, 1/4 x 22 w/F JIC Ends	5	56726	2	Elbow, 45° –6 M JIC/–6 M ORB
3	44361	1	Elbow, Extra Long 90° –6 M JIC/ –6 M ORB	ns	56823	1	Hose Wrap
F = Female				M = Male			ns = not shown

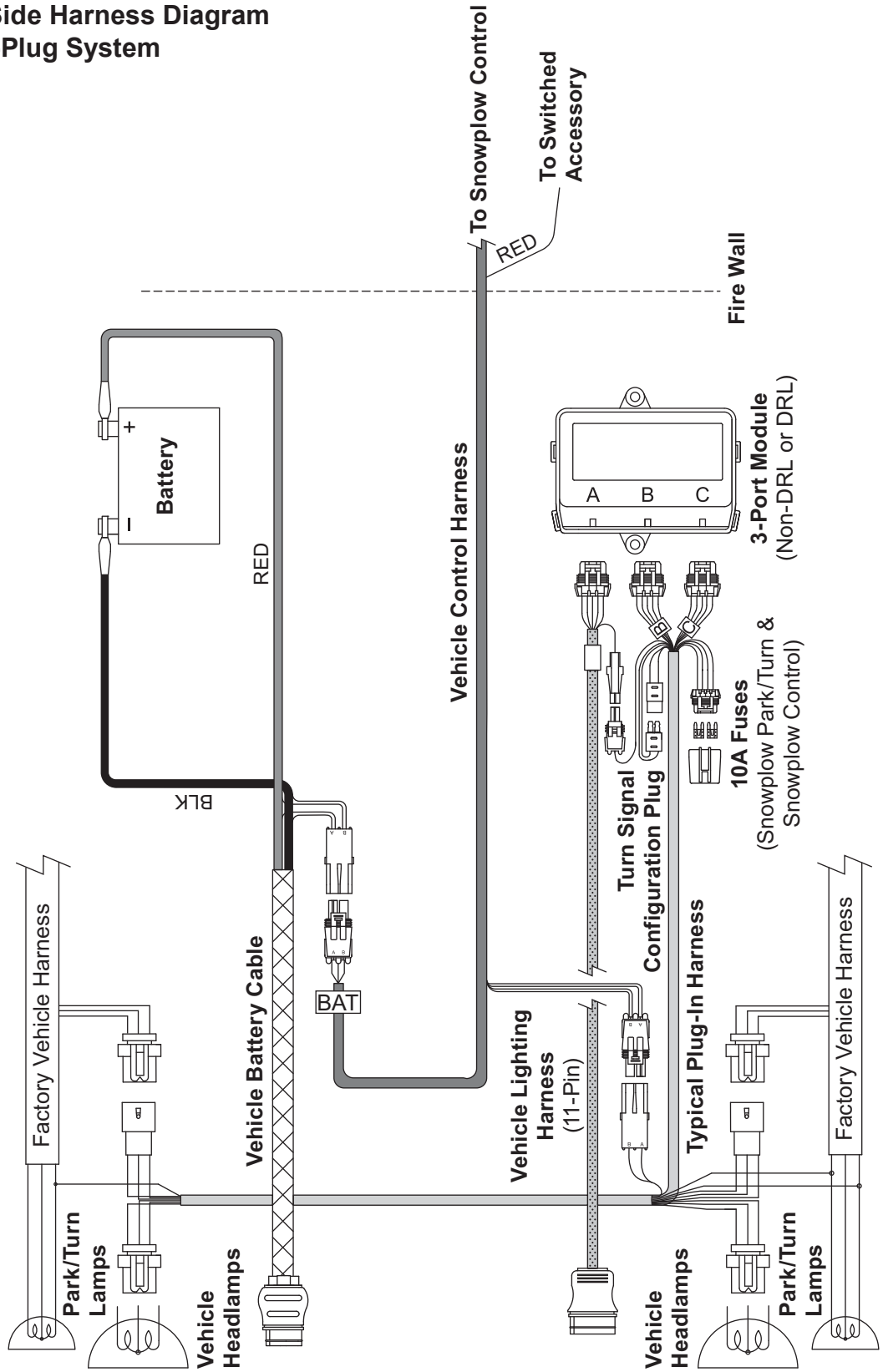
Electrical Components



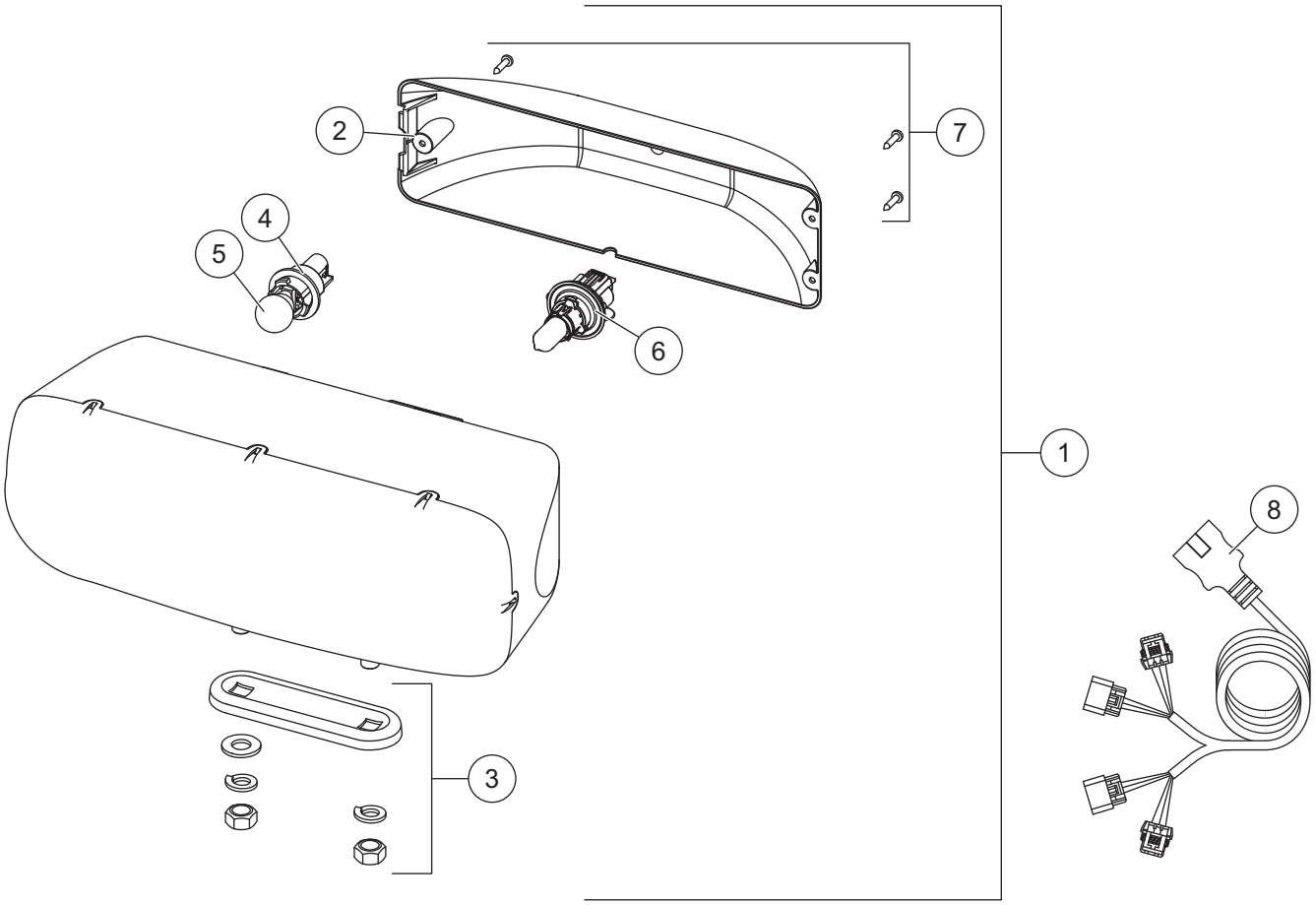
Plow-Side Electrical Components							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	28581-1	1	Harness Plow Control, 3-Solenoid	6	42901	1	Motor Relay Kit FLEET FLEX System
2	29071	1	Cable Assembly 8"	7	65340	1	Clamp Loop #10
3	42015	1	Snowplow Battery Cable	8	48522	1	Hydraulic Plate
4	49567	1	Plow Module, 2-Port	9	98043	3	3/8-16 x 1 Button Cap Screw
5	43988	7	1/4-20 x 3/8 Hex Washer-Head Thread-Rolling Screw				
Vehicle-Side Electrical Components							
*	42014	1	Vehicle Battery Cable	ns	61548K	1	Plug Cover Kit
*	28587	1	Vehicle Control Harness				
ns = not shown							

* For diagram see Vehicle-Side Harness Diagram.

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



Headlamp Kit



28800-1 Headlamp Kit (pair)							
Item	**Part**	**Qty**	**Description**	**Item**	**Part**	**Qty**	**Description**
1	28801-1	1	Headlamp Service Kit – DS	5		2	Park/Turn Bulb (trade no. 4157NAK)
ns	28802-1	1	Headlamp Service Kit – PS	6	28806	2	H13 Headlamp Bulb Service Kit
2	28803-1	2	Rear Cover Kit (fits 2- or 3-screw)	7	28808-1	2	Cover Screws Service Kit (pkg of 3)
3	28804	2	Mounting Hardware Kit	8	28213K	1	Harness Service Kit
4	28805	2	Park/Turn Socket Service Kit				
ns = not shown							

Fisher Engineering
50 Gordon Drive
Rockland, ME 04841-2139
www.fisherplows.com

A DIVISION OF FISHER, LLC

Copyright © 2019 Douglas Dynamics, LLC. All rights reserved. This material may not be reproduced or copied, in whole or in part, in any printed, mechanical, electronic, film, or other distribution and storage media, without the written consent of Fisher Engineering. Authorization to photocopy items for internal or personal use by Fisher Engineering outlets or snowplow owner is granted.

Fisher Engineering reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. Fisher Engineering or the vehicle manufacturer may require or recommend optional equipment for snow removal. Do not exceed vehicle ratings with a snowplow. Fisher Engineering offers a limited warranty for all snowplows and accessories. See separately printed page for this important information. The following are registered (®) or unregistered (™) trademarks of Douglas Dynamics, LLC: FISHER®, HT Series™, Minute Mount® 2, SECURITY GUARD™, SnoFoil®, STORM GUARD™.

Printed in U.S.A.