



Suburbanite™ Personal Plow

27516-1 Hydraulic Kit

27550 Plow Gear Kit

Parts List



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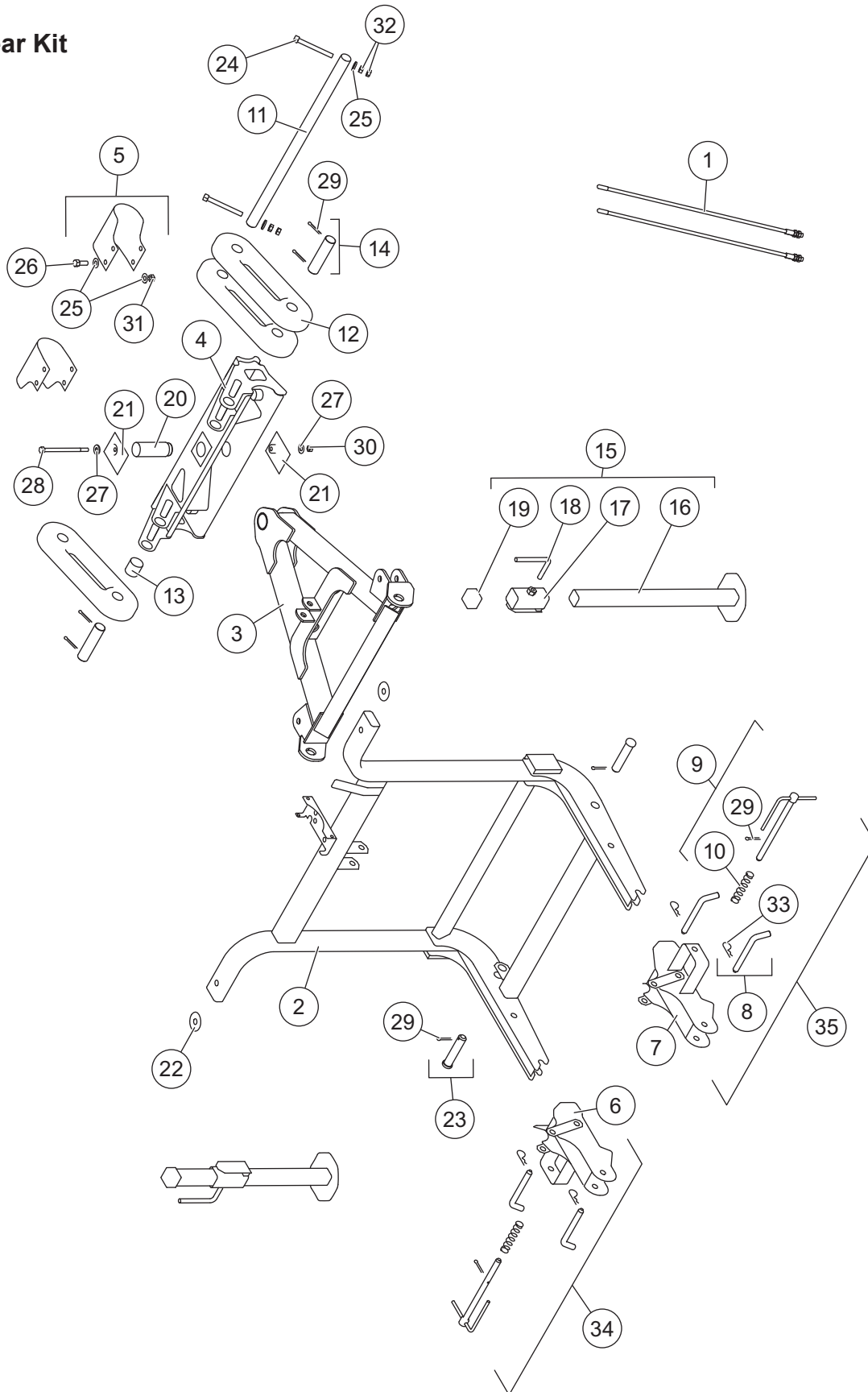
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Suburbanite™ PLOW GEAR KIT 27550

Plow Gear Kit

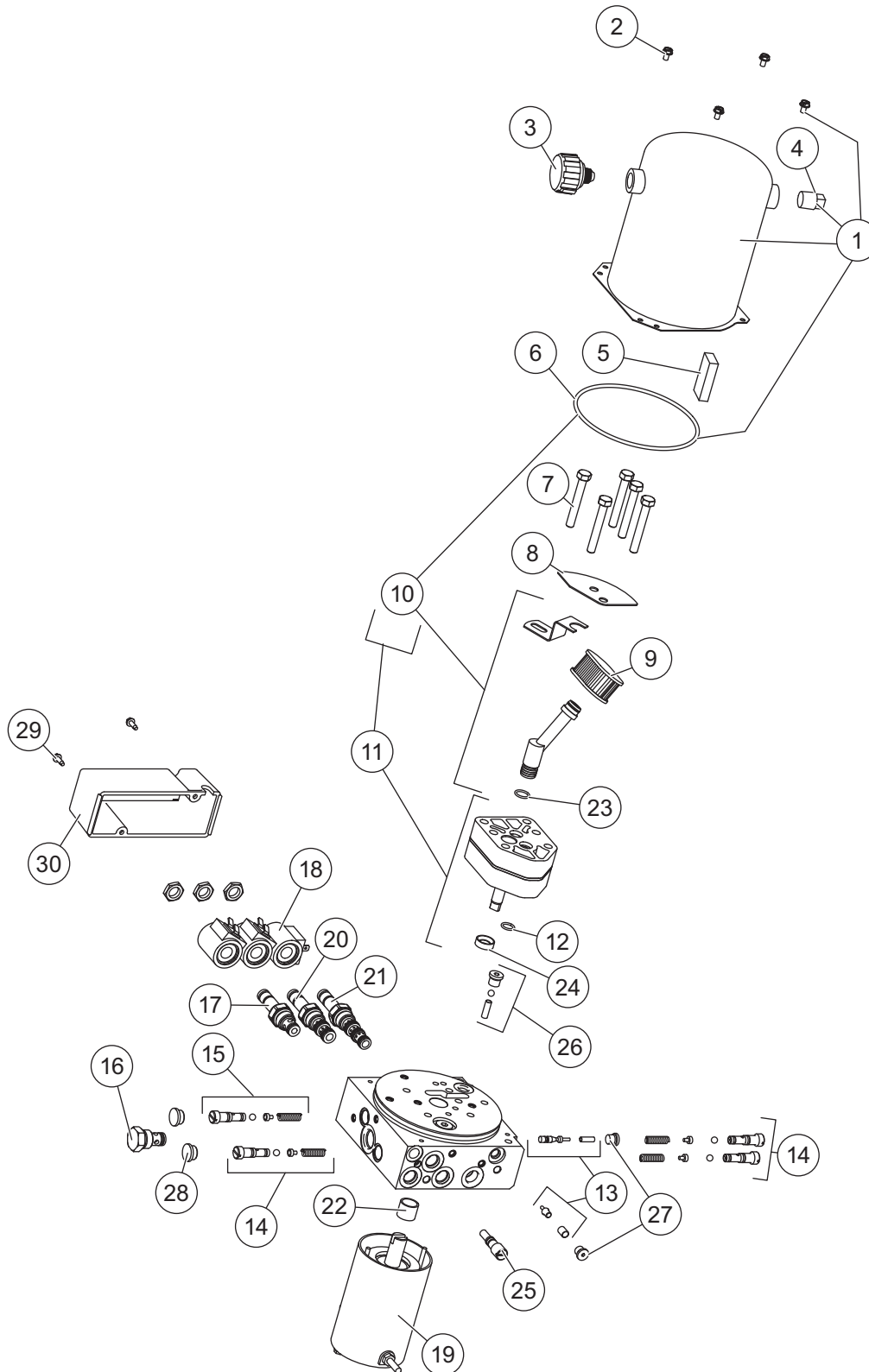


Suburbanite™ PLOW GEAR KIT 27550

27550 Plow Gear Kit – Personal Plow							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	27195W	1	Flexible Blade Guide Kit – 26" (pair)	18	27358	2	Jack Handle
2	27126	1	Plow Gear Frame, Personal Plow	19	27692	2	Square Vinyl Cap
3	27138	1	A-Frame, Personal Plow	20	27141W	1	Pivot Tube
4	27112	1	Quadrant, Personal Plow	21	27615	2	Trip Bumper
5	27577	2	Trip Clamp Replacement Kit w/Fasteners	22	4433	2	1/2 Flat Washer
6	27146	1	Receiver – DS	23	20639W	2	3/4 x 3-15/32 Machine Pin Packet
7	27611	1	Receiver – PS	24	27529	2	3/8-16 x 3-1/2 Hex Cap Screw G5
8	27575W	4	Receiver Mounting Pin Kit	25	63925	18	3/8 Flat Washer
9	27576	2	Receiver Pull Pin Kit	26	90039	8	3/8-16 x 1 Hex Cap Screw G5
10	27461	2	Compression Spring	27	90313	2	5/16 Flat Washer
11	27149	1	Spring Bar Tube	28	90602	1	5/16-18 x 5 Hex Cap Screw G5
12	27351	3	Elastomeric Trip Spring	29	91911K	8	5/32 x 1-1/2 Cotter Pin
13	27530	1	Trip Spring Spacer	30	91332	1	5/16-18 Hex Locknut GB
14	27711W	2	Lower Trip Spring Pin Kit	31	91333	8	3/8-16 Hex Locknut GB
15	27360	2	Jack	32	91413	4	3/8-16 Hex Nut G5
16	27355	2	Jack Leg	33	91962	4	1/8 Hairpin Cotter
17	27357	2	Jack Sleeve	34	27754	1	Receiver Assembly – DS
				35	27755	1	Receiver Assembly – PS
Item 34				27754 Receiver Assembly – DS			
		2	Receiver Mounting Pin	10	27461	1	Compression Spring
		1	Receiver Pull Pin	29	90658	1	5/32 x 1-1/4 Cotter Pin
6	27146	1	Receiver – DS	33	91962	2	1/8 Hairpin Cotter
Item 35				27755 Receiver Assembly – PS			
		2	Receiver Mounting Pin	10	27461	1	Compression Spring
		1	Receiver Pull Pin	29	90658	1	5/32 x 1-1/4 Cotter Pin
7	27611	1	Receiver – PS	33	91962	2	1/8 Hairpin Cotter
G = Grade							

Suburbanite™ HYDRAULIC KIT 27516-1

Hydraulic Unit Components



Suburbanite™ HYDRAULIC KIT 27516-1

48602 Hydraulic Unit							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	48538	1	Reservoir Kit	16	44334-1	1	Check Valve CV08-20
2	66607	4	#10-24 x 5/16 Slotted Hex Washer-Head Machine Screw	17	49227K-2	1	Valve 2-Way w/Nut
3	21727-2K	1	Breather 3/8 NPT Kit	18	49230K-2	3	Coil w/Spade Terminals
4	92079	1	Plug 3/8 NPTF	19	48543-1	1	Motor Assembly 3"
5	73897	1	Magnet	20	66608-1	1	Cartridge Valve 3-Way w/Nut
6	66519	1	O-Ring 2-250	21	49229K-1	1	Cartridge Valve 4-Way w/Nut
7	90073	5	5/16-18 x 2-1/4 Hex Cap Screw G5	22	56364*	1	Bearing, Sleeve
8	48464	1	Plate Baffle	23	56416	1	O-Ring -014
9	56789-5	1	Suction Filter	24	66515**	1	Pump Shaft Seal
10	66763-1	1	Inlet Fitting/Filter Kit	25	48517	1	Quill
11	27746	1	Hydraulic Pump Kit – IA	26	48518	1	Check Valve Assembly
12	56274	1	O-Ring -013	27	92960	2	3/8-24 O-Ring Boss Plug
13	49226K	1	Poppet Check Valve Kit	28	56808	2	Plug
14	49138K-5	2	Relief Valve Kit (2 sets)	29	90650	2	Cover Screw
15	27792-1	1	Relief Valve Repair Kit	30	21394	1	Cover Assembly
O-Ring Service Kits							
ns	56657-6	–	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				G = Grade			

* Use 64589 tool to install (includes 56364).

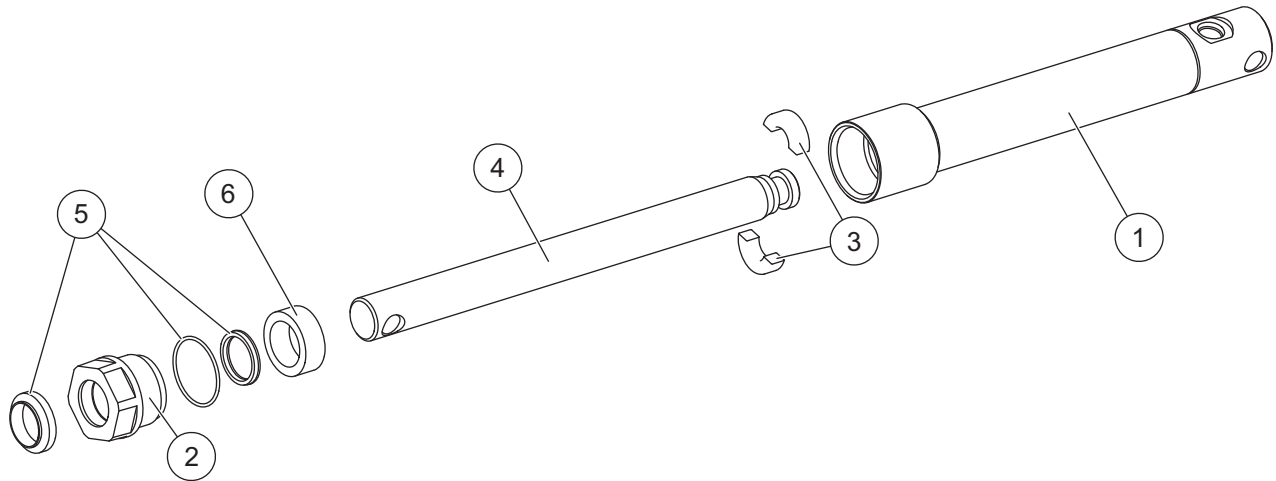
** Use 28856 tool to install (includes 66515).

48597 Personal Plow Hydraulic Bolt Bag*					
Part	Qty	Description	Part	Qty	Description
56615-1	7	Elbow, 90° –6 M JIC/–6 M ORB		2	1/4-20 x 2-3/4 Hex Cap Screw G5
64212-1	1	Elbow, Long 90° –6	56099	1	Dielectric Grease Tube
	2	1/2-13 x 4 Hex Cap Screw G8	59223	4	Cable Tie
	3	1/2-13 x 3 Hex Cap Screw G8	61536	7	Long Cable Tie
	1	1/2-13 x 2-1/2 Hex Cap Screw G8		2	1/4-20 Hex Locknut GB
	6	1/2-13 Hex Locknut GB			
8737 Bolt Bag*					
5048	1	1/4 Fully-Insulated Blade		1	M6 x 1 x 25 Hex Cap Screw G8.8
21306	1	0.187 Insulated Receptacle		1	M6 x 1 Hex Nut G10
21307	1	0.250 Insulated Receptacle		1	M6 Flat Washer
21308	1	0.250 Tab Fuse Tap		2	1/4 Flat Washer
21309	1	0.187 Tab Fuse Tap		2	5/16 Spring Lock Washer
66130	1	Rubber Grommet		2	#10 Spring Lock Washer
	2	1/4-20 Hex Locknut GB		2	#10-32 Hex Machine Screw Nut
	2	1/4-20 x 3/4 Hex Cap Screw G5		2	5/16-24 Hex Jam Nut G5
G = Grade			M = Male or Metric		

* Found in 48596 parts box.

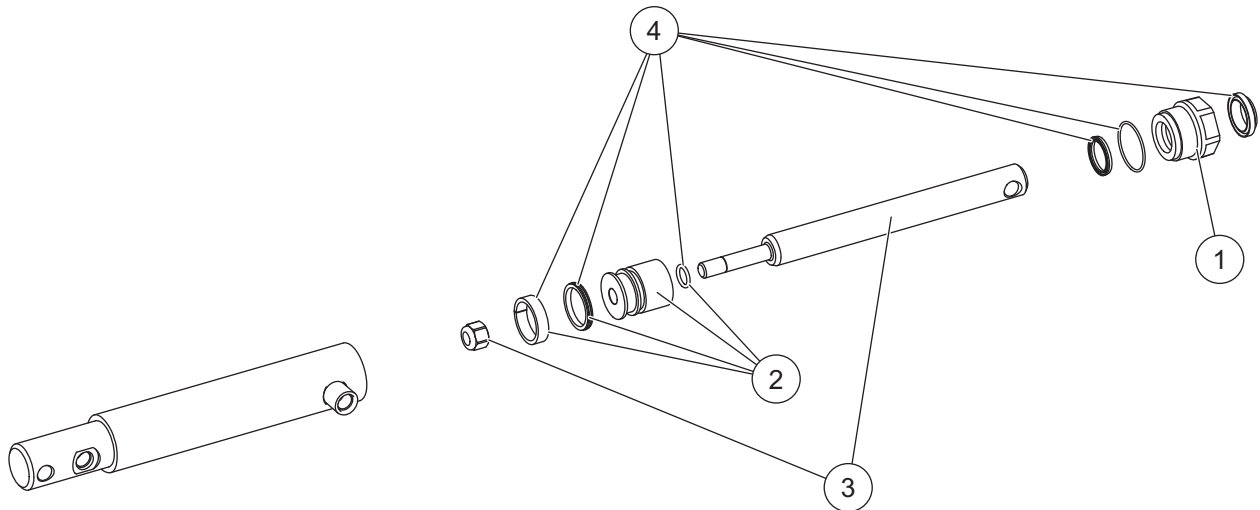
Suburbanite™ HYDRAULIC KIT 27516-1

Angle Ram Components



56772K 1 x 7 Ram Assembly							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	56769	1	1 x 7 Cylinder	4	27786	1	1 x 7 Ram Rod Kit
2	66699K	1	Gland Nut	5	27787	1	1 Bore Ram Seal Kit
3	56771	1	1" Split Bearing Kit	6	56803	1	Spacer

Lift Ram Components



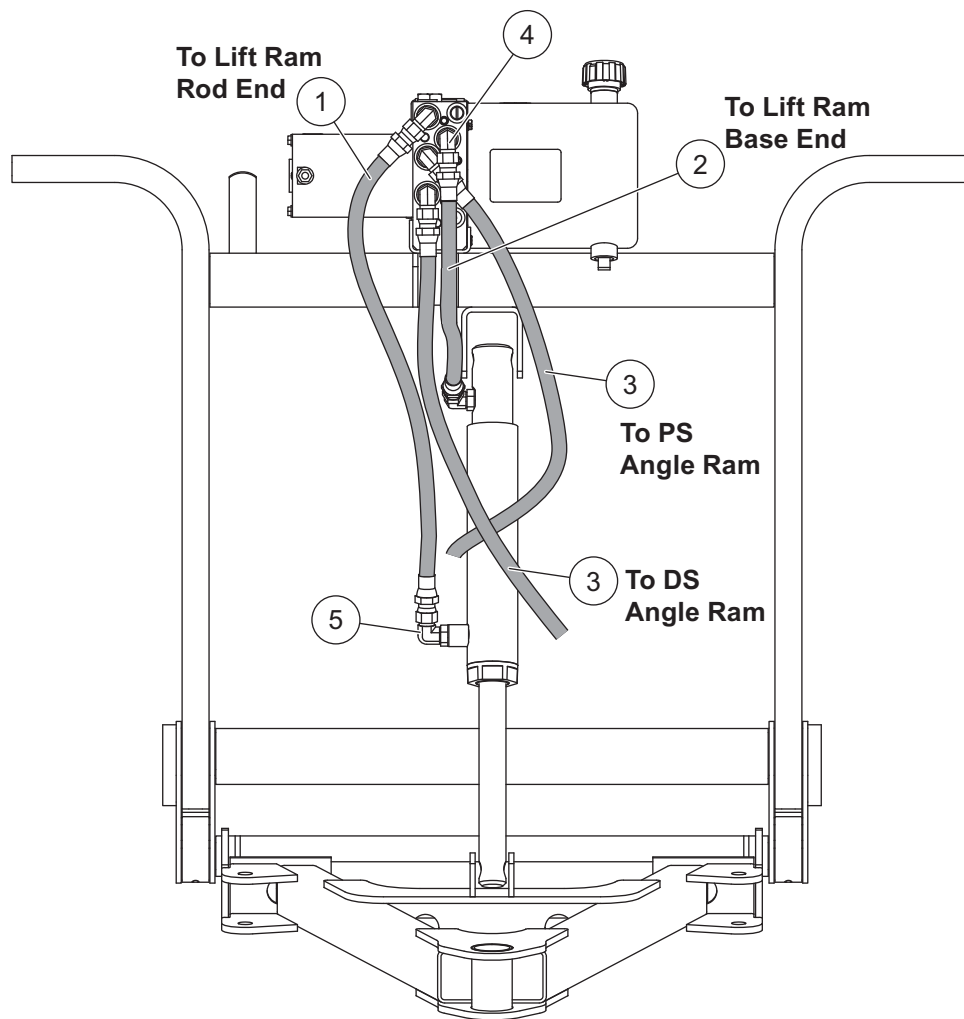
48600 1-1/2 x 6 Double-Acting Ram Assembly			
Item	Part	Qty	Description
1	66699K	1	Gland Nut
2	48606	1	1-1/2 Piston w/Seals
3	27790	1	1-1/2 x 6 Double-Acting Rod Assembly
4	27788-1	1	1-1/2 Bore Double-Acting Ram Seal Kit

Suburbanite™ HYDRAULIC KIT 27516-1

Parts Box

48596 Parts Box					
Part	Qty	Description	Part	Qty	Description
56598	1	Hose, 1/4 x 22 w/F JIC Ends	61246	1	Cable Boot
56599	2	Hose, 1/4 x 36 w/F JIC Ends	8737	1	Small Bolt Bag
44347	1	Hose, 1/4 x 12 w/F JIC Ends	48597	1	Personal Plow Hydraulic Bolt Bag
22511K	1	Battery Cable 22" Red	21727-2K	1	Breather
56131K-2	1	Relay Switch			
F = Female					

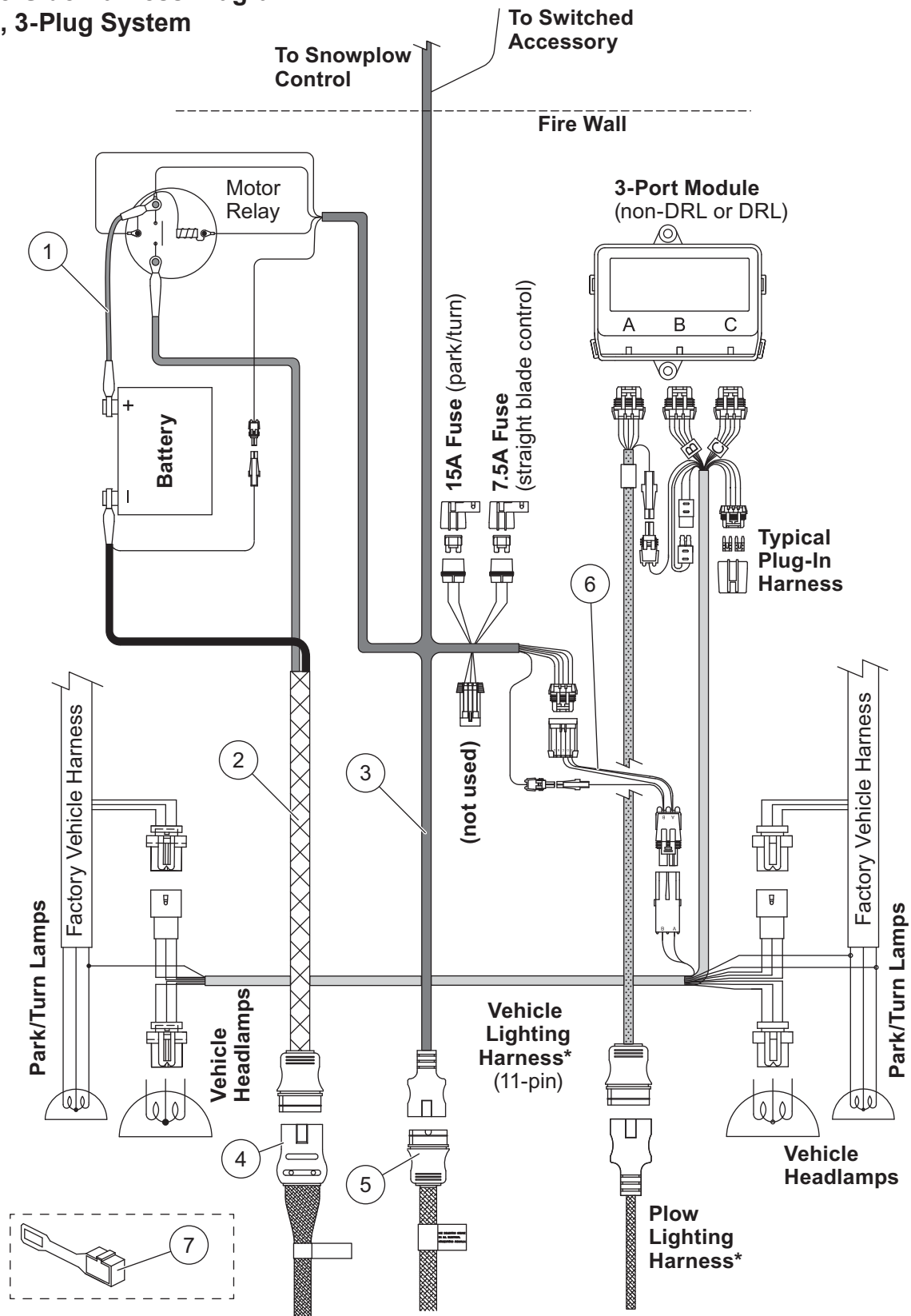
Hoses and Fittings



Hoses and Fittings							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	56598	1	Hose, 1/4 x 22 w/F JIC Ends	4	64212-1	1	Elbow, Extra Long 90° –6 M JIC/ –6 M ORB
2	44347	1	Hose, 1/4 x 12 w/F JIC Ends	5	56615-1	7	Elbow, 90° –6 M JIC/–6 M ORB
3	56599	2	Hose, 1/4 x 36 w/F JIC Ends				
F = Female							

Suburbanite™ HYDRAULIC KIT 27516-1

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



Suburbanite™ HYDRAULIC KIT 27516-1

Harness Components							
Item	Part	Qty	Description	Item	Part	Qty	Description
1	22511K	1	Battery Cable, 22" Red	6	29047	1	Adapter 3-Port
2	63411	1	Vehicle Battery Cable	7	61548K	1	Plug Cover
3	26345	1	Vehicle Control Harness 3-Pin	ns	27063W	1	Replacement Harness End 3-Pin Vehicle-Side
4	21294	1	Plow Battery Cable				
5	26359	1	Plow Control Harness 3-Pin				
ns = not shown							



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