

SECTION 5

STEEL C-PLOW

FOR SERIES 3800 C-PLOW

PLOW COMPONENTS

PAGE 2	MOLDBOARD ASSEMBLY
PAGE 3	QUADRANT / PUSH FRAME ASSEMBLY
PAGE 4	LIFT FRAME ASSEMBLY
PAGE 5	POWER UNIT COVER ASSEMBLY 1/2" THICK CUTTING EDGE
PAGE 6	CURB GUARD KITS WEAR PLATE KIT
PAGE 7	WING KIT

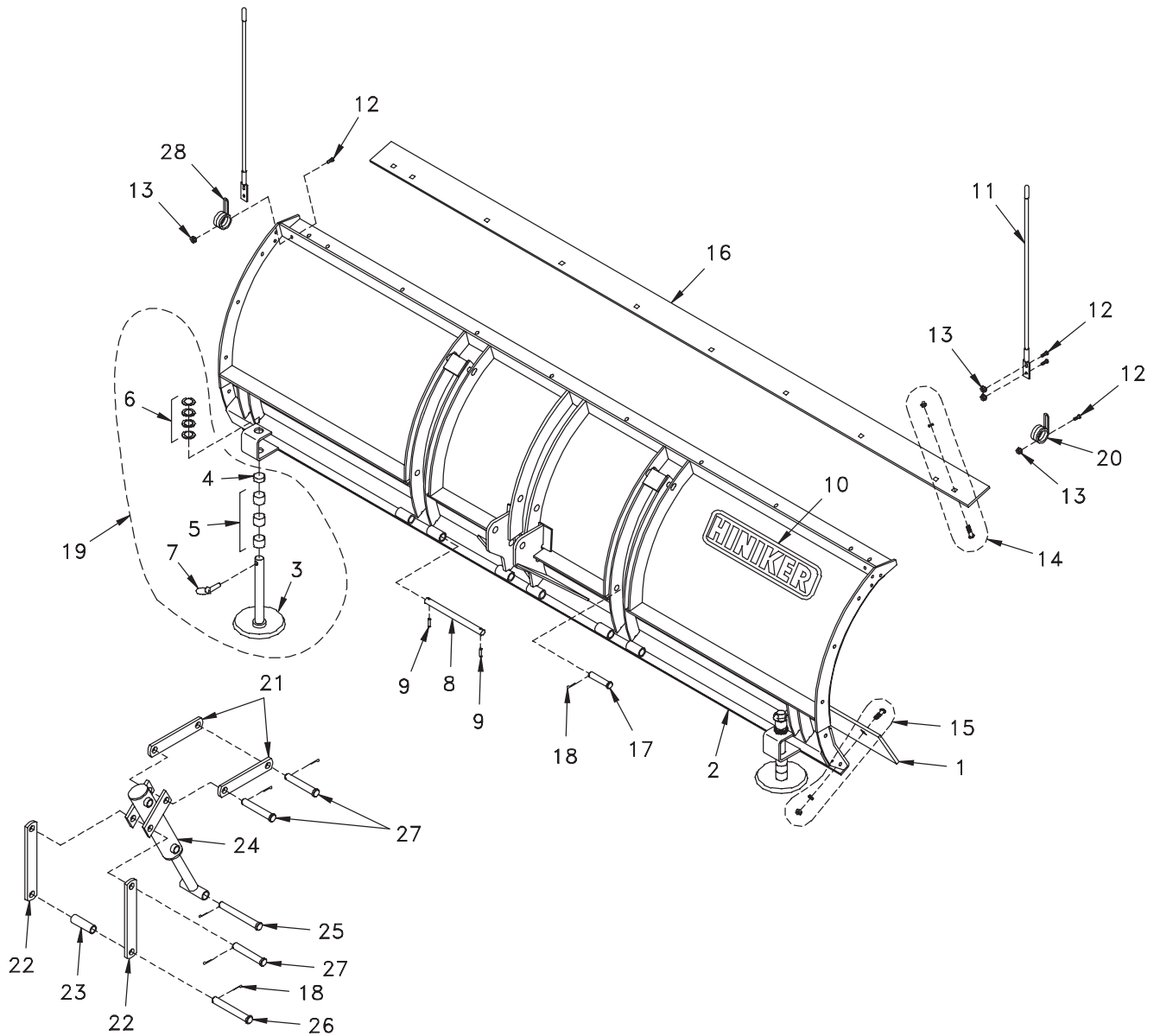
HYDRAULIC COMPONENTS

PAGE 7	HYDRAULIC OVERVIEW
PAGE 8	POWER UNIT
PAGE 9	1 1/2 X 10 HYDRAULIC CYLINDER 2 X 6 HYDRAULIC CYLINDER

ELECTRICAL COMPONENTS

PAGE 10	PLOW WIRING HARNESS JOYSTICK CONTROLLER
PAGE 11	UNDERHOOD WIRING HARNESS POWER CABLES
PAGE 12	HEADLAMPS GRILL MOUNT PLATE

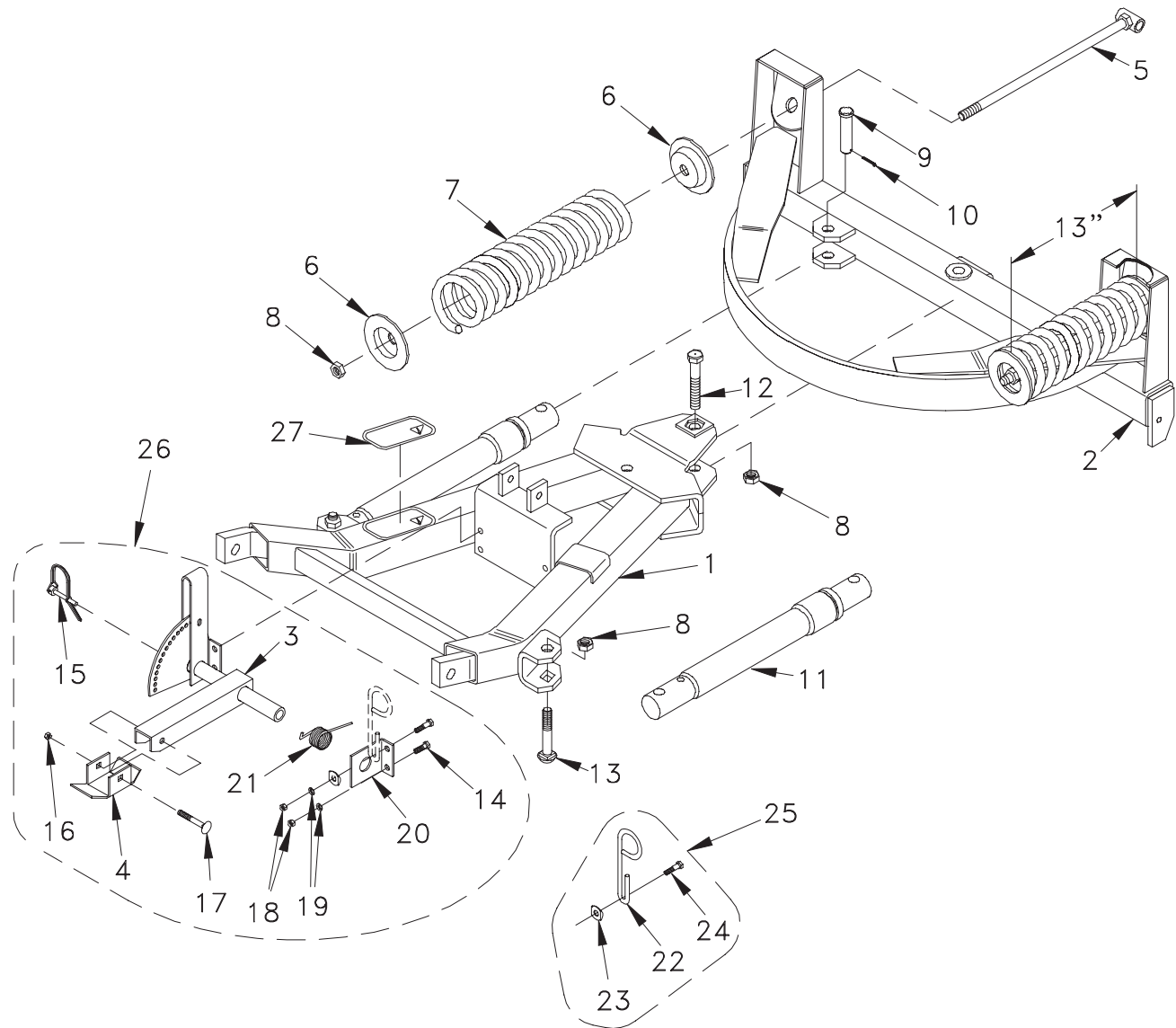
MOLDBOARD ASSEMBLY



DWG. NO. 3863A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010001	8' Cutting Edge	1	16	25010819	Top Cutting Edge	1
2	25010831	C-Plow Moldboard Weldment	1	17	953-002-040	Clevis Pin 5/8 x 3	2
3	25011478	Cast Iron Skid	2	18	035-42033	Cotter Pin 5/32 x 1 1/4	7
4	25010048	1/2" Skid Spacer	2	19	25011487	Cast Iron Skid Assembly	2
5	25010049	1" Skid Spacer	6	20	25010855	Helical Torsion Spring, RH	1
6	952-004-071	Machine Bushing 1 5/32 x 1 1/2 x 10 GA.	8	21	25010817	Upper Motion Link	2
7	25010319	Klik Pin	2	22	25010816	Lower Motion Link	2
8	25010376	8" Hinge Pin	3	23	25010833	Spacer Bushing	1
9	953-003-031	Slotted Spring Pin 1/4 x 1	6	24	25010815	Hydraulic Cylinder (See Sec. 5, Pg. 9)	1
10	79202024	Hiniker Decal	2	25	953-002-042	Clevis Pin 3/4 x 6	1
11	25010118	Red Blade Guide	2	26	953-002-038	Clevis Pin 3/4 x 5 1/2	1
12	950-001-113	Hex Head Cap Screw 5/16-18 x 3/4 Gr. 5	6	27	953-002-041	Clevis Pin 3/4 x 4 1/2	3
13	951-005-036	Lock Nut 5/16-18 Mac Lock	6	28	25010854	Helical Torsion Spring, LH	1
14	25011052	Cutting Edge Bolt Kit	1		25010750	Locktite 409 Superbonder 20 Gram Tube (For Vinyl Marker Caps)	
15	25011051	Cutting Edge Bolt Kit	1				

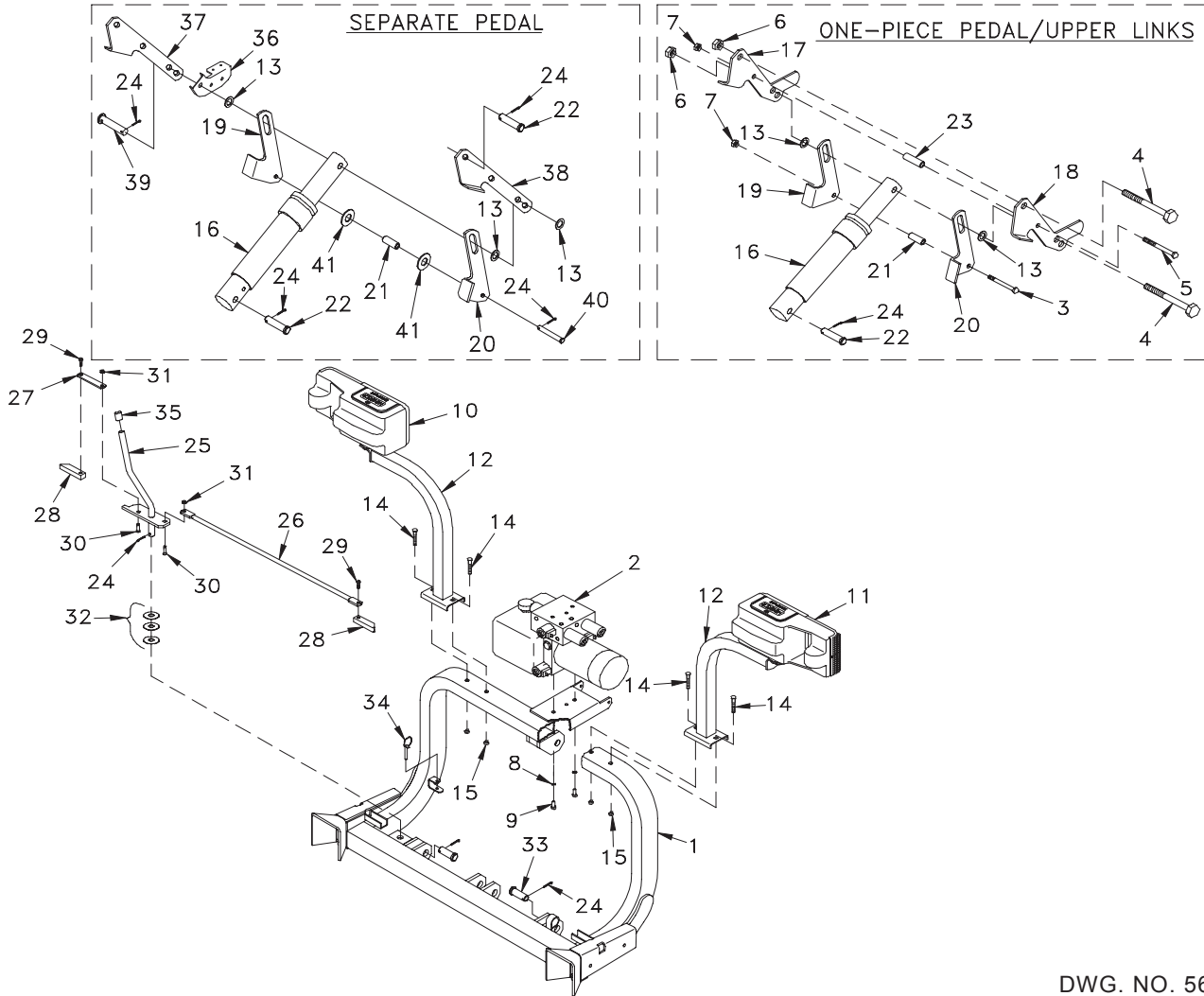
QUADRANT / PUSH FRAME ASSEMBLY



DWG.NO. 3865A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010807	Push Frame / Decal Assembly	1	15	25010797	Tab Lock Pin, 1/4 x 2	1
2	25010393	Quadrant Weldment	1	16	951-005-036	Lock Nut 5/16-18 Mac Lock	1
3	25010800	Lever Weldment	1	17	950-003-074	Carriage Bolt 5/16-18 x 2 1/2 Gr. 5	1
4	25010801	Stand Foot	1	18	951-001-005	Hex Nut 3/8-16	4
5	25010058	Pull Rod Weldment	2	19	952-001-007	Lock Washer 3/8 Inch	4
6	81004090	Washer	4	20	25010798	Bracket	1
7	81004098	Compression Spring	2	21	25010795	Helical Torsion Spring	1
8	951-005-037	2-Way Lock Nut 3/4-10	5	22	25011075	Hose Loop	1
9	953-002-032	Clevis Pin 3/4 x 3	2	23	25011074	Flanged Washer 3/8 Inch	1
10	035-42033	Cotter Pin 5/32 x 1 1/4	2	24	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	1
11	25010523	1 1/2" x 10" ORB Cylinder (See Sec. 5, Pg. 9)	2	25	25011076	Hose Loop Kit	1
12	950-001-033	Hex Head Cap Screw 3/4-10 x 4 1/2 Gr. 5	1	26	25011050	Park Stand Kit	1
13	030-16198	Carriage Bolt 3/4-10 x 3 1/2 Gr. 5	2	27	25010697	Caution Decal	1
14	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	3				

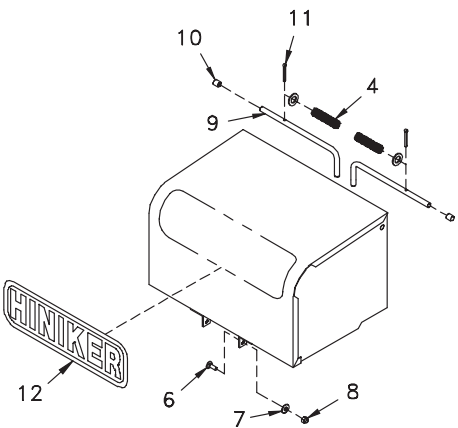
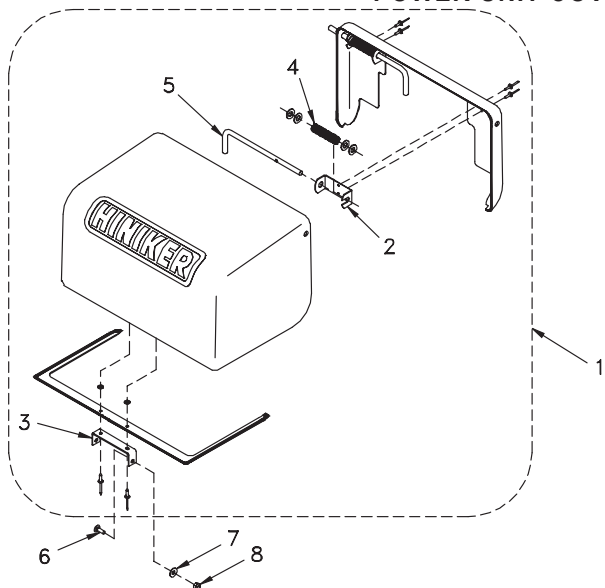
LIFT FRAME ASSEMBLY



DWG. NO. 5670

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25012583	Frame Weldment	1	21	25010114	Lower Link Spacer	1
2	25010928	Power Unit (See Sec. 5, Page 8)	1	22	953-002-032	Clevis Pin 3/4 x 3, One Piece Pedal/link	1
3	950-001-309	Hex Head Cap Screw 1/2-13 x 4 Gr. 5 7/8" Thread Length	1		953-002-032	Clevis Pin 3/4 x 3, Separate Pedal	2
4	950-001-310	Hex Head Cap Screw 3/4-10 x 4 1/4 Gr. 5 1 1/4" Thread Length	2	23	25011053	Upper Link Spacer	1
5	950-001-142	Hex Head Cap Screw 1/2-13 x 3 1/2 Gr. 5	1	24	035-42033	Cotter Pin 5/32 x 1 1/4, One Piece Pedal/link	4
6	951-003-010	Lock Nut 3/4-10 Nylon Insert	2		035-42033	Cotter Pin 5/32 x 1 1/4, Separate Pedal	7
7	951-003-009	Lock Nut 1/2-13 Nylon Insert	2	25	25010410	Handle Weldment	1
8	952-001-007	Lock Washer 3/8 Inch	2	26	25010274	Long Tie Rod	1
9	950-001-089	Hex Head Cap Screw 3/8-16 x 3/4 Gr. 5	2	27	25010275	Short Tie Rod	1
10	25010918	LH Light Assembly, 5-pin (See Sec. 5, Page 12)	1	28	25010276	Slider	2
11	25010919	RH Light Assembly, 5-pin (See Sec. 5, Page 12)	1	29	950-011-042	Hex Head Cap Screw 5/16-18 x 3/4 Nylon Dri-Lock	2
12	25010050	Light Bracket Weldment	2	30	030-16042	Carriage Bolt 5/16-18 x 1 Gr. 5	2
13	952-004-003	Mach Bushing 25/32 x 1 1/4 x .075, One Piece Pedal/Link	2	31	951-005-036	Lock Nut 5/16-18 Mac Lock	2
	952-004-003	Mach Bushing 25/32 x 1 1/4 x .075, Separate Pedal	3	32	952-002-007	Flat Washer 5/8 Inch	3
14	950-003-070	Carriage Bolt 3/8-16 x 2 Gr. 5	4	33	953-002-031	Clevis Pin 3/4 x 2	2
15	951-005-003	Lock Nut 3/8-16 Mac Lock	4	34	703-00209	Klik Pin	1
16	25010523	1 1/2 x 10 ORB Cylinder (See Sec. 5, Page 9)	1	35	25011230	Vinyl Cap	1
17	25011044	LH Upper Link	1	36	25010857	Pedal	1
18	25011045	RH Upper Link	1	37	25010392	LH Upper Link, Separate Pedal	1
19	25010389	LH Lower Link	1	38	25010391	RH Upper Link, Separate Pedal	1
20	25010390	RH Lower Link	1	39	953-002-035	Clevis Pin 3/4 x 3 1/4	1
				40	953-002-030	Clevis Pin 1/2 x 3 1/2	1
				41	952-002-006	Flat Washer 9/16 Inch	2

POWER UNIT COVER ASSEMBLY



PLASTIC COVER ASSEMBLY

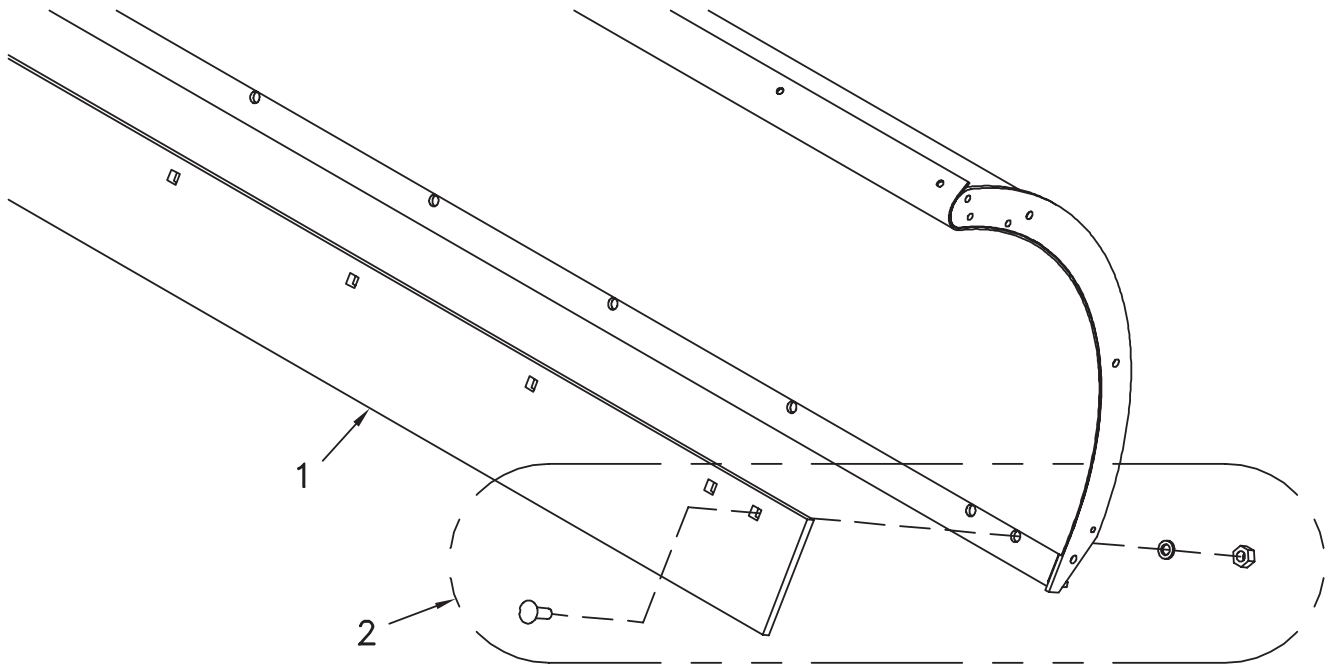
STEEL COVER ASSEMBLY

DWG. NO. 5872

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25011070	Cover Assembly (Includes Items 2-5)	1	7	952-002-011	Flat Washer, 1/4 Inch	2
2	25011073	Clevis	2	8	060954	Lock Nut 1/4-20 Nylon Insert	2
3	25011072	Clevis	1	9	25010716	Rod - Steel Cover Assembly	2
4	25010717	Compression Spring	2	10	25010718	Vinyl Cover Cap	2
5	25011071	Rod - Plastic Cover Assembly	2	11	035-42033	Cotter Pin 5/32 x 1 1/4	2
6	031-10657	Machine Screw 1/4-20 x 3/4 Slotted Round Head	2	12	25010441	Hiniker Decal	1

5

1/2" THICK CUTTING EDGE

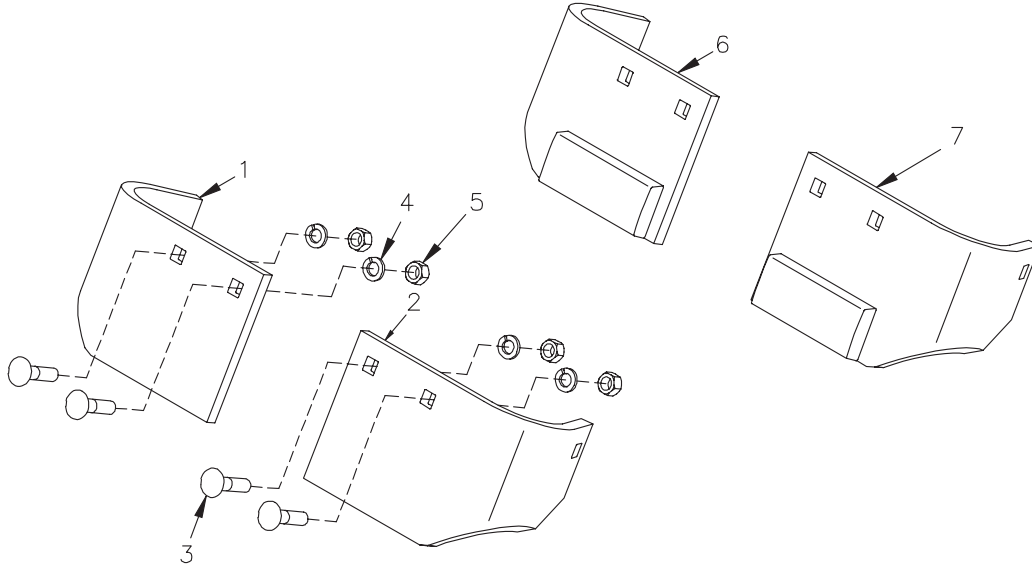


DWG. NO. 5880

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25012035	1/2" Thick Cutting Edge - 8' Plow	1	2	25011051	Cutting Edge Bolt Kit	1

STEEL C-PLOW 3800

CURB GUARD KITS

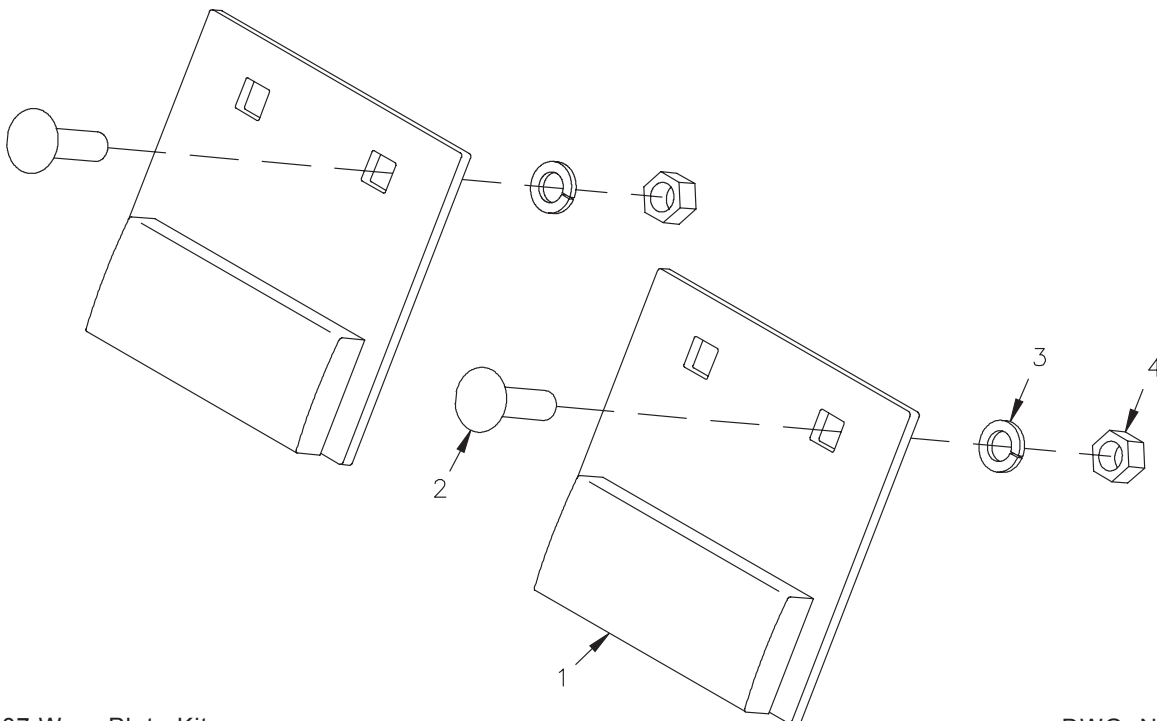


25011695 Curb Guard Kit - Standard
25012726 Curb Guard Kit With Wear Bars

DWG. NO. 5486

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25011712	RH Curb Guard - Standard	1	5	951-001-007	Hex Nut 1/2-13	4
2	25011713	LH Curb Guard - Standard	1	6	25012722	RH Curb Guard With Wear Bar	1
3	950-003-025	Carriage Bolt 1/2-13 x 2 Gr. 5	4	7	25012723	LH Curb Guard With Wear Bar	1
4	952-001-004	Lock Washer 1/2 Inch	4				

WEAR PLATE KIT

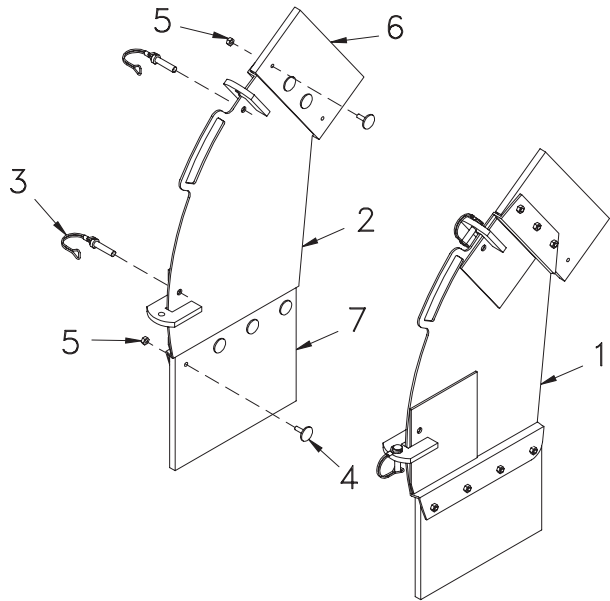


25012587 Wear Plate Kit

DWG. NO. 6331

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25012588	Wear Plate Weldment	2	3	952-001-004	Lock Washer 1/2 Inch	4
2	950-003-058	Carriage Bolt 1/2-13 x 1 3/4 Gr. 5	4	4	951-001-007	Hex Nut 1/2-13	4

WING KIT



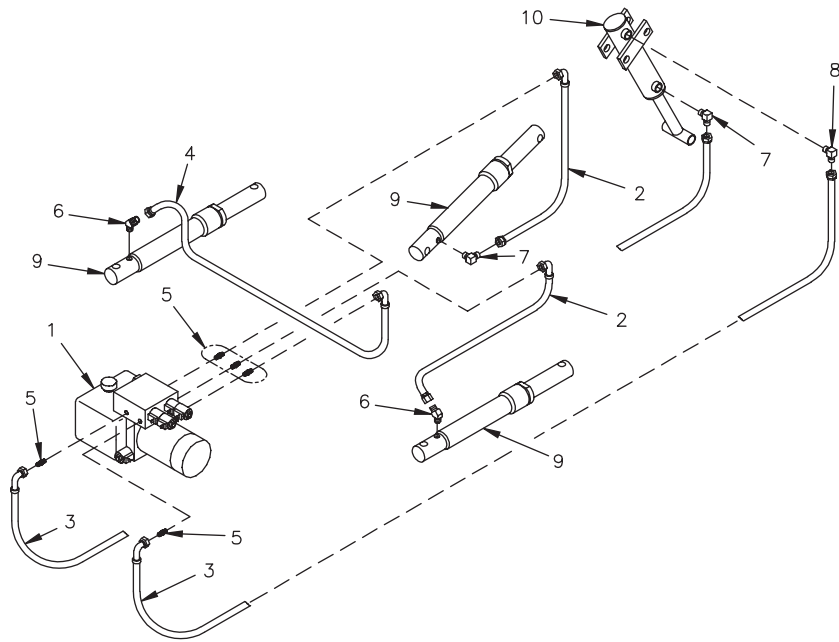
25010906 Wing Kit

DWG. NO. 5677

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010845	RH Wing Weldment	1	6	25010841	Upper Wing Rubber	2
2	25010844	LH Wing Weldment	1	7	25010840	Lower Wing Rubber	2
3	25010851	Lynch Pin 3/8 x 1 3/8	4		25010852	RH Wing Assembly	1
4	950-011-051	Elevator Bolt 1/4-20 x 1"	14		25010853	LH Wing Assembly	1
5	951-001-003	Hex Nut 1/4-20	14				

SEC 5

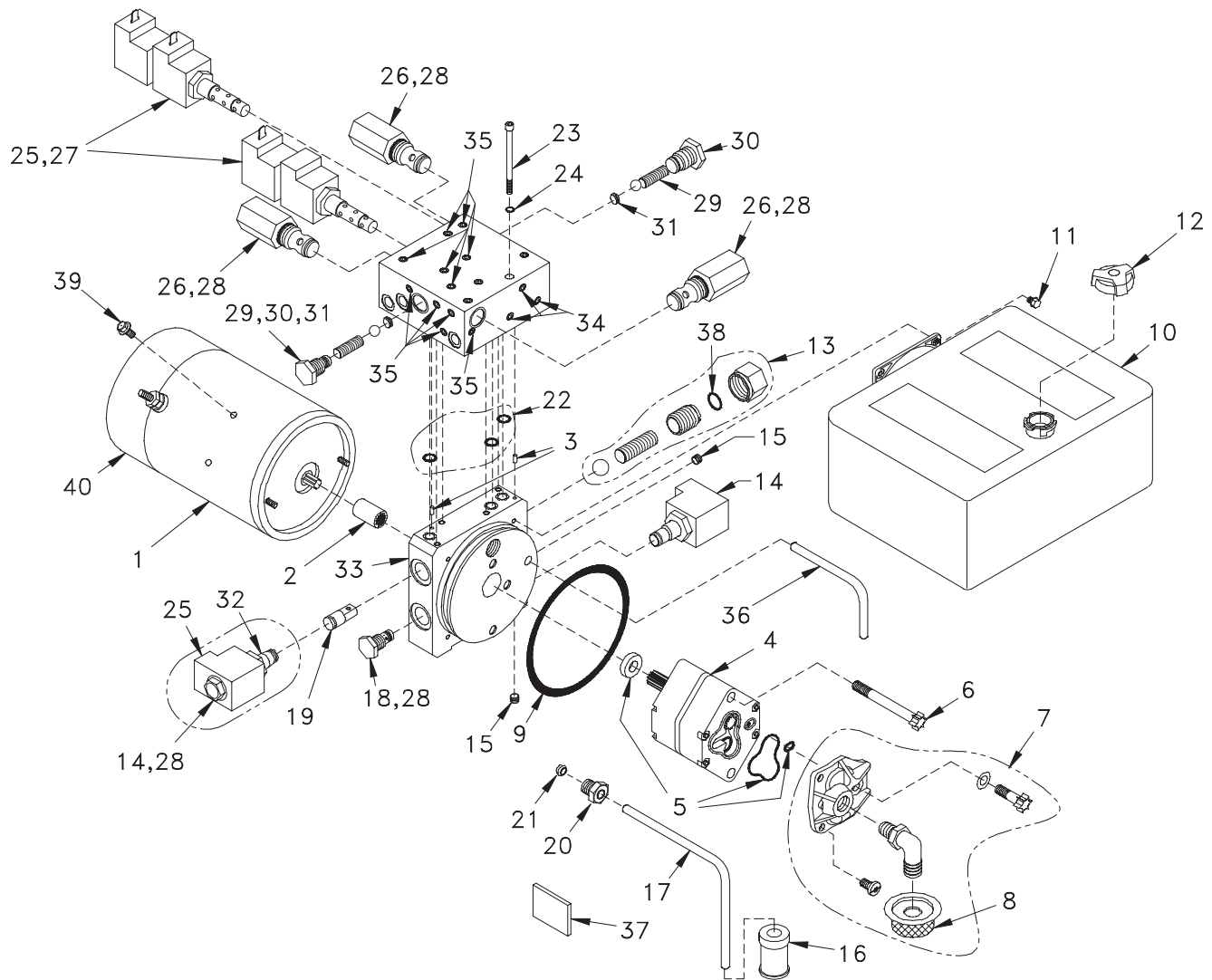
HYDRAULIC OVERVIEW



DWG. NO. 3894

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010928	Power Unit (See Sec 5, Pg. 8)	1	6	956-005-023	45° Adapter 9/16 ORB x 9/16 JIC	2
2	957-021-002	Hydraulic Hose Assembly 1/4 x 33	2	7	956-005-022	90° Adapter 9/16 ORB x 9/16 JIC	2
3	957-021-000	Hydraulic Hose Assembly 1/4 x 66	2	8	956-005-025	90° Restricted Adapter 9/16 ORB x 9/16 JIC	1
4	957-021-001	Hydraulic Hose Assembly 1/4 x 54	1	9	25010523	1 1/2 x 10 Hydraulic Cylinder (See Sec 5, Pg. 9)	3
5	206-01024	Straight Adapter 9/16 ORB x 9/16 JIC	5	10	25010815	2 x 6 Hydraulic Cylinder (See Sec 5, Pg. 9)	1

POWER UNIT

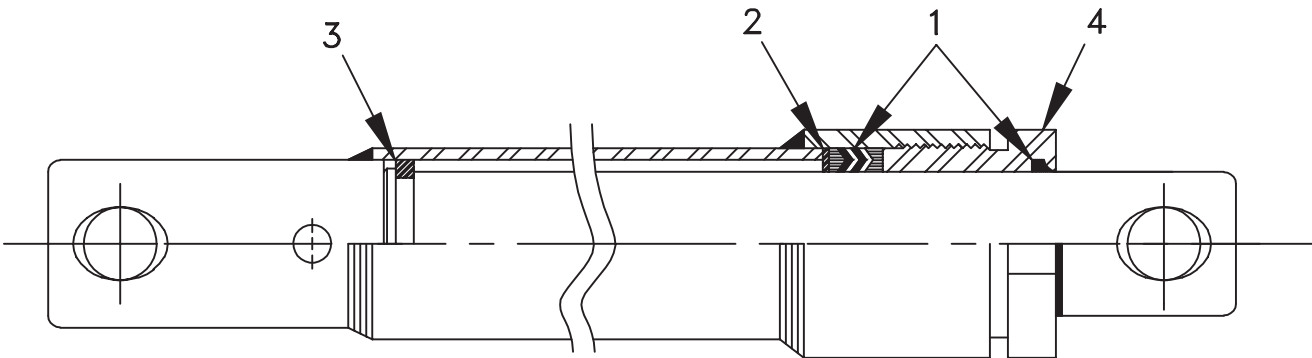


25010928 Power Unit

DWG. NO. 3927A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010230	Motor	1	21	25010930	Compression Tube Sleeve	1
2	25010214	Coupling	1	22	25010762	Manifold O-Ring Kit	1
3	25010235	1/8 x 1/4 Pin	3	23	950-004-090	Socket Head Set Screw 1/4 x 2 3/4	4
4	25010239	Pump Assembly	1	24	952-001-001	Lock Washer 1/4 Inch	4
5	25010334	Pump O-Ring Kit	1	25	25011917	Solenoid Coil, Double Spade W/Ground Wire	6
6	950-011-041	Torx Head Bolt 5/16 x 2 3/4	2	26	25010985	Cross Over Relief	3
7	25010332	Inlet Plumbing Kit	1	27	25011525	Spool Valve	2
8	25010221	Inlet Filter	1	28	25010992	O-Ring Kit (Release & Check)	5
9	25010236	Reservoir O-Ring	1	29	25010988	Spring & Ball Assembly	2
10	25010738	Reservoir	1	30	25010989	Cap Assembly	2
11	950-004-071	Machine Screw #12 x 1/2 Hex Head	4	31	25010990	Valve Seat Sub Assembly	2
12	25010217	Breather	1	32	25010544	Cartridge Release Valve	2
13	25010330	Adjustable Relief Valve Kit	1	33	25010933	End Head	1
14	25011920	Release Valve Kit, Double Spade W/Ground Wire	2	34	25010761	1/8 NPTF Flush Pipe Plug	6
15	25010761	Plug 1/8 NPT	2	35	25010987	1/16 NPT Flush Plug	18
16	25010745	Return Tube Filter	1	36	25010935	Return Tube x 90° Bend	1
17	25010744	Return Tube x 90° Bend	1	37	25010220	Plumbing Magnet	1
18	25010746	Check Valve	1	38	25010518	Relief Valve O-Ring	1
19	25010542	Flow Control Valve	1	39	950-004-072	Machine Screw 1/4-20 x 1/4 Hex Washer Head	1
20	25010929	Compression Tube Nut	1	40	25010337	Motor Brush Kit	1

1 1/2 X 10 HYDRAULIC CYLINDER



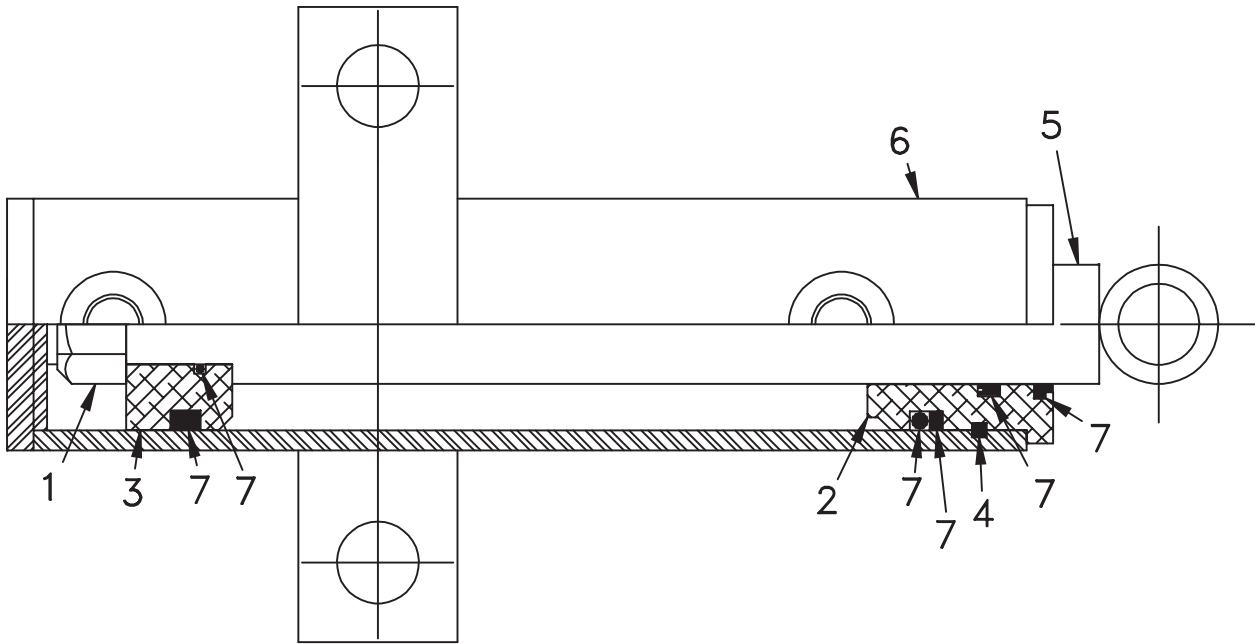
25010523 1 1/2 x 10 Cylinder

DWG. NO. 3941

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010464	Seal Kit	1	3	25010017	Guide Ring	1
2	25010016	Seat Ring	1	4	25010018	Packing Nut	1

SEC 5

2 X 6 HYDRAULIC CYLINDER

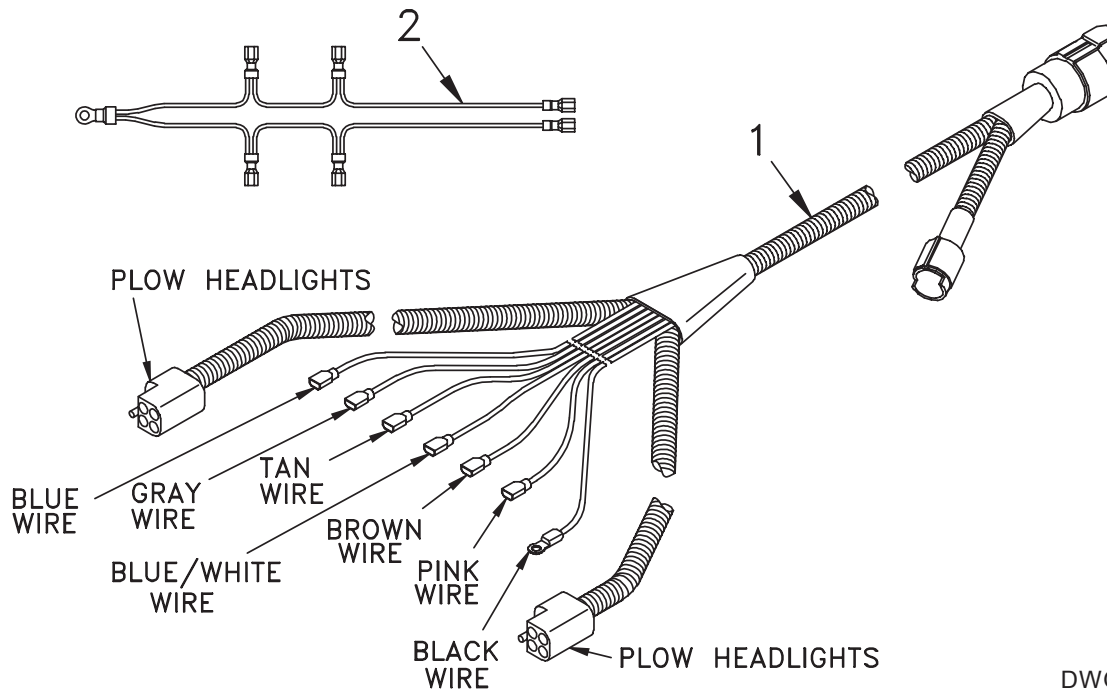


25010815 Hydraulic Cylinder

DWG. NO. 3913

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25010970	Nut	1	5	25010979	Shaft With Clevis	1
2	25010971	Head	1	6	25010980	Barrel With Clevis & Ports	1
3	25010972	Piston	1	7	25010982	Repair Kit	1
4	25010978	Retaining Ring	1				

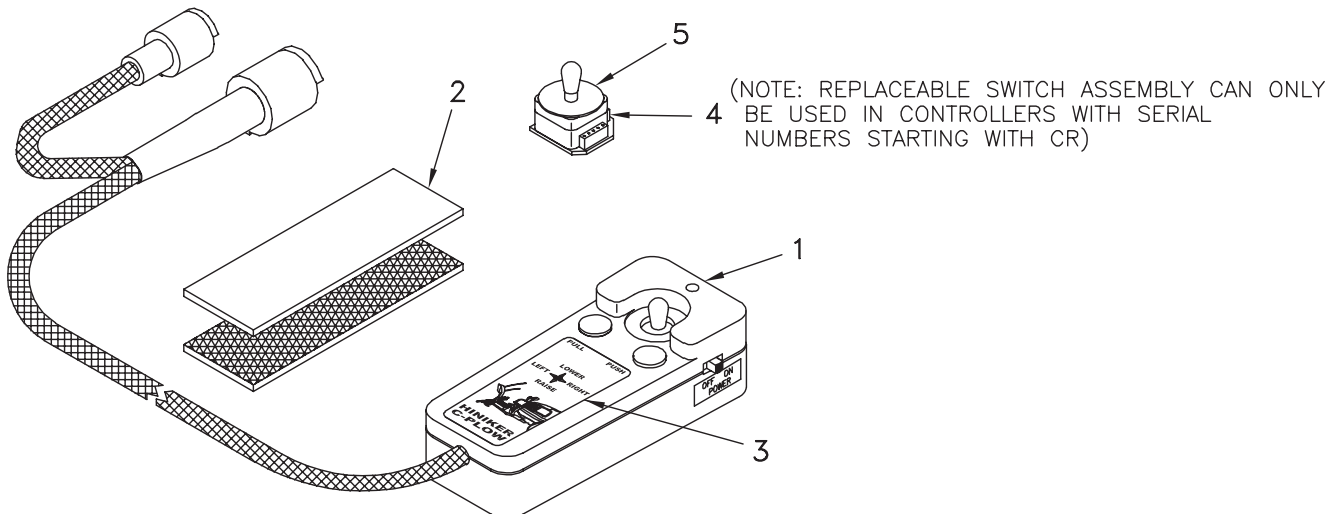
PLOW WIRING HARNESS



DWG. NO. 5566

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38813035	6 Function External Cable Assembly	1	2	38813070	Ground Harness With 5/16" Ring	1

JOYSTICK CONTROLLER

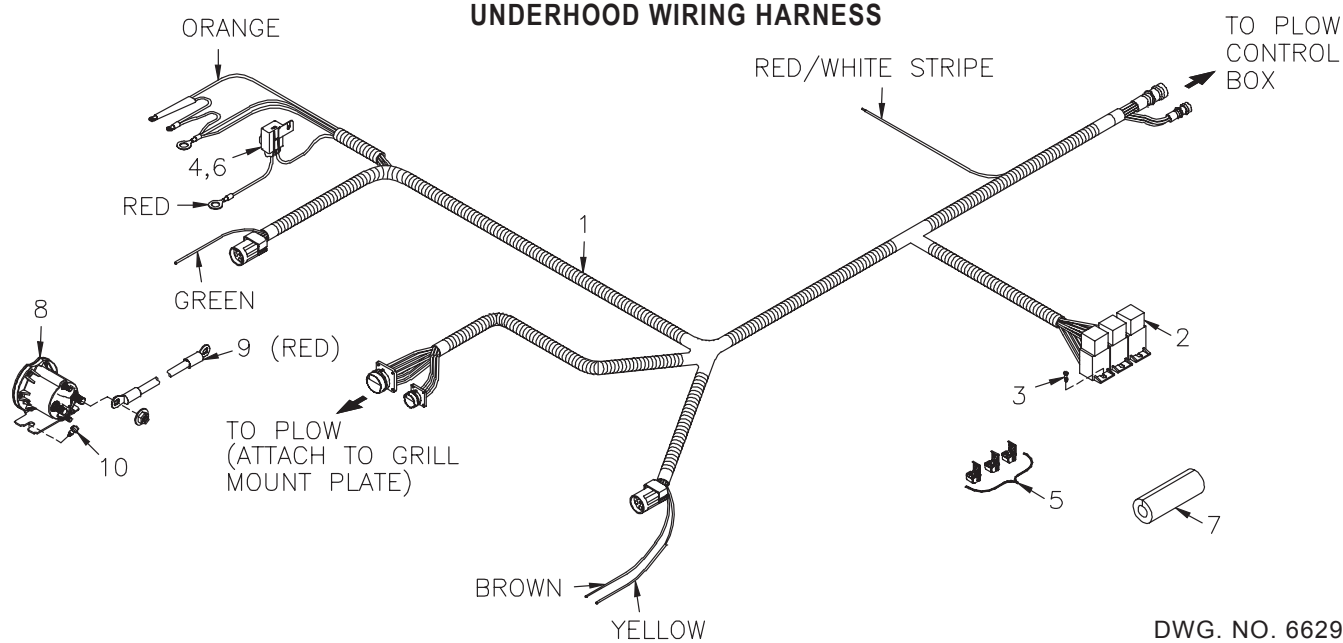


DWG. NO. 5927

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	36014022	Joystick W/Replaceable Switch, C-Plow	1	4	36014019	Replaceable Switch Assembly	1
2	39108005	Hook & Loop Assembly	1	5	36716033	Gasket	1
3	39302143	Decal, C-Plow Joystick, 2 Sided	1				

STEEL C-PLOW 3800

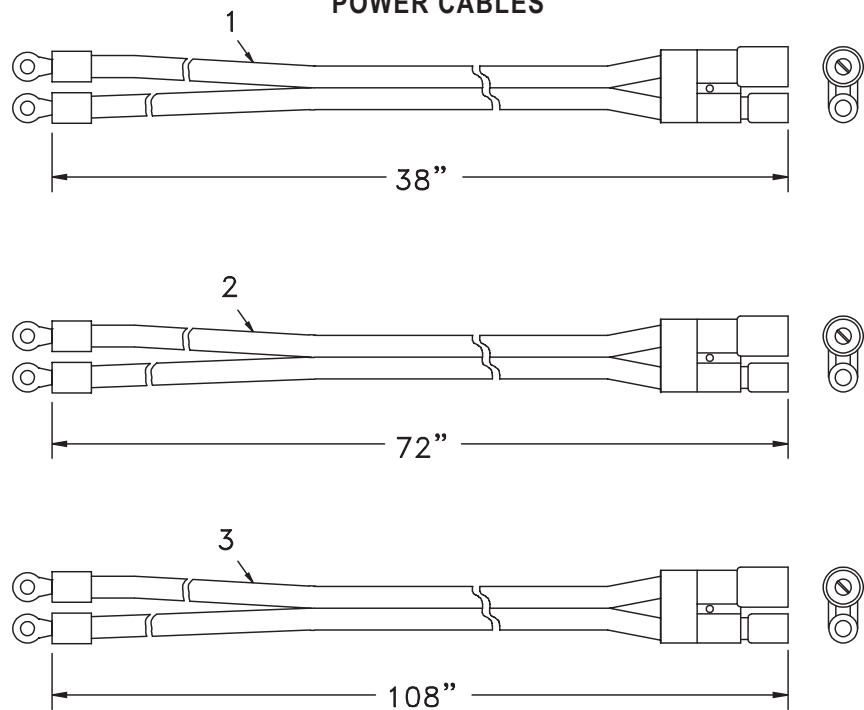
UNDERHOOD WIRING HARNESS



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38813033	Harness, 6 Function Underhood (Includes Relays And Fuses)	1	6	38400012	Cover, Fuse Holder	1
2	38350010	Head Light/Accessory Relay	3	7	39107001	Foam Grommet 4" Long	1
3	031-30078	Self Tap Screw #8-18 x 1/2 Slotted Hex Head	3	8	38350015	Starter Solenoid, Sealed	1
4	39207031	10 Amp Fuse	1	9	950-005-004	Self Tap Screw 1/4-20 x 1/2 Hex Washer Head	2
5	38610104	Sealed Quick Connect	3	10	38813012	Solenoid Cable, Red	1

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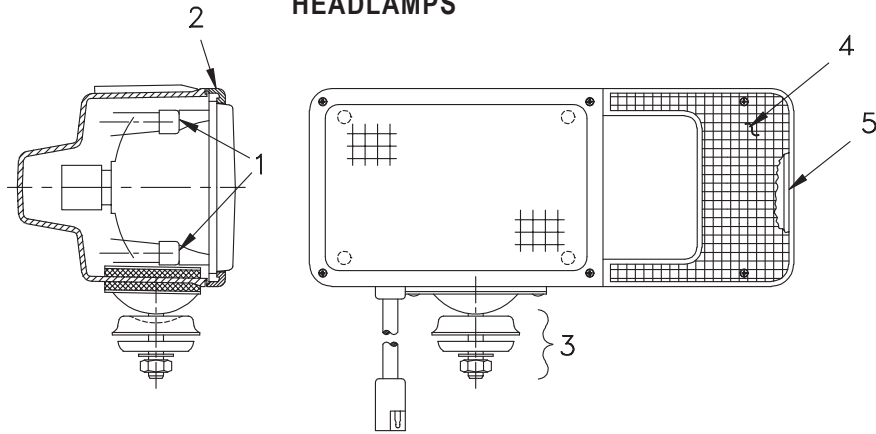
POWER CABLES



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38812008	Battery Power Cable - Snow Plow	1	3	38813066	Battery Power Cable - Truck 9 Ft.	1
2	38813007	Battery Power Cable - Truck 6 Ft.	1				

STEEL C-PLOW 3800

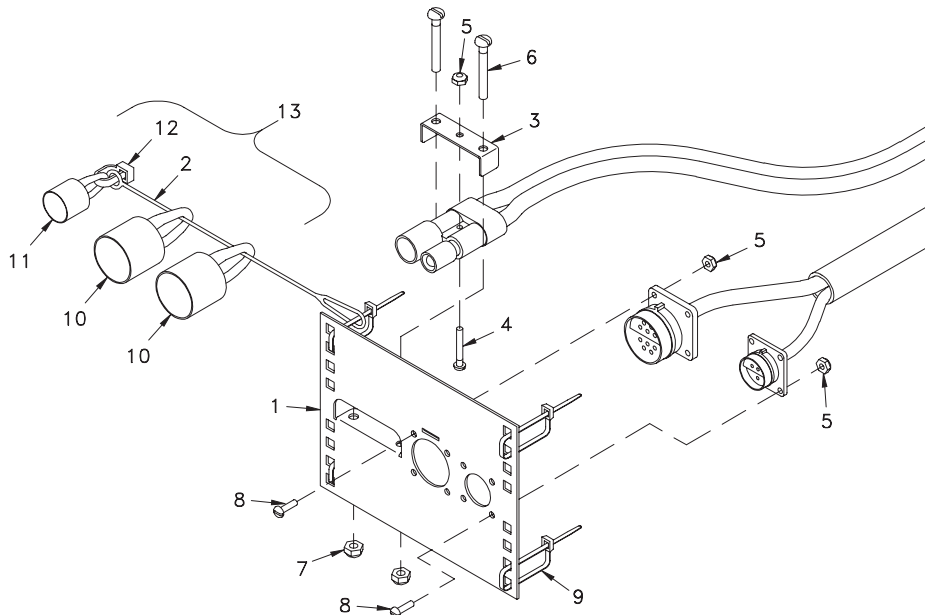
HEADLAMPS



PIN 5 RED WIRE (HIGH BEAM) PIN 2 YELLOW WIRE (PARKING)
 PIN 4 GREEN WIRE (LOW BEAM) REC. 1 WHITE WIRE (COMMON)
 PIN 3 BLUE WIRE (TURN SIGNAL) DWG. NO. 3893

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	25010918	LH Light Assy (5 Pin Connector)		5	25010731	Head Lamps Lens Gasket	1
	25010919	RH Light Assy (5 Pin Connector)			N/A	Sealed Beam - HP6545 12VDC	1
1	25010727	Head Lamp Bumper	4			4.00" x 6.50" (100 mm x 165 mm)	
2	25010728	Head Lamp Rim	1			Rectangular Hi/Lo (65W/45W)	
3	25010729	Head Lamp Swivel Kit	1		N/A	Turn Signal/Park Bulb One #1157 Heavy Duty	1
4	25010730	Head Lamp Lens	1			Double Contact 32/3 C.P.	

GRILL MOUNT PLATE



DWG. NO. 6332

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	25010783	Complete Mount Plate Kit Items 1-13	1	7	392-010-010	Lock Nut #10-24 Nylon Insert	2
1	36507004	Plug Mount Plate	1	8	950-004-033	Machine Screw #6-32 x 1/2 Slotted Pan Head	8
2	36716025	Nylon Lanyard 8"	1	9	367-001-011	Plastic Tie, 14"	4
3	25011037	Clamp	1	10	36716002	Large Dust Cap	2
4	700-10904	Machine Screw #6-32 x 1" Slotted Pan Head	1	11	36716034	Small Dust Cap	1
5	951-003-014	Lock Nut #6-32 Nylon Insert	9	12	367-001-014	Cable Tie, 8 In.	1
6	950-004-076	Machine Screw #10-24 x 1 1/2 Slotted Pan Head	2	13	36014018	Dust Cap Assembly	1