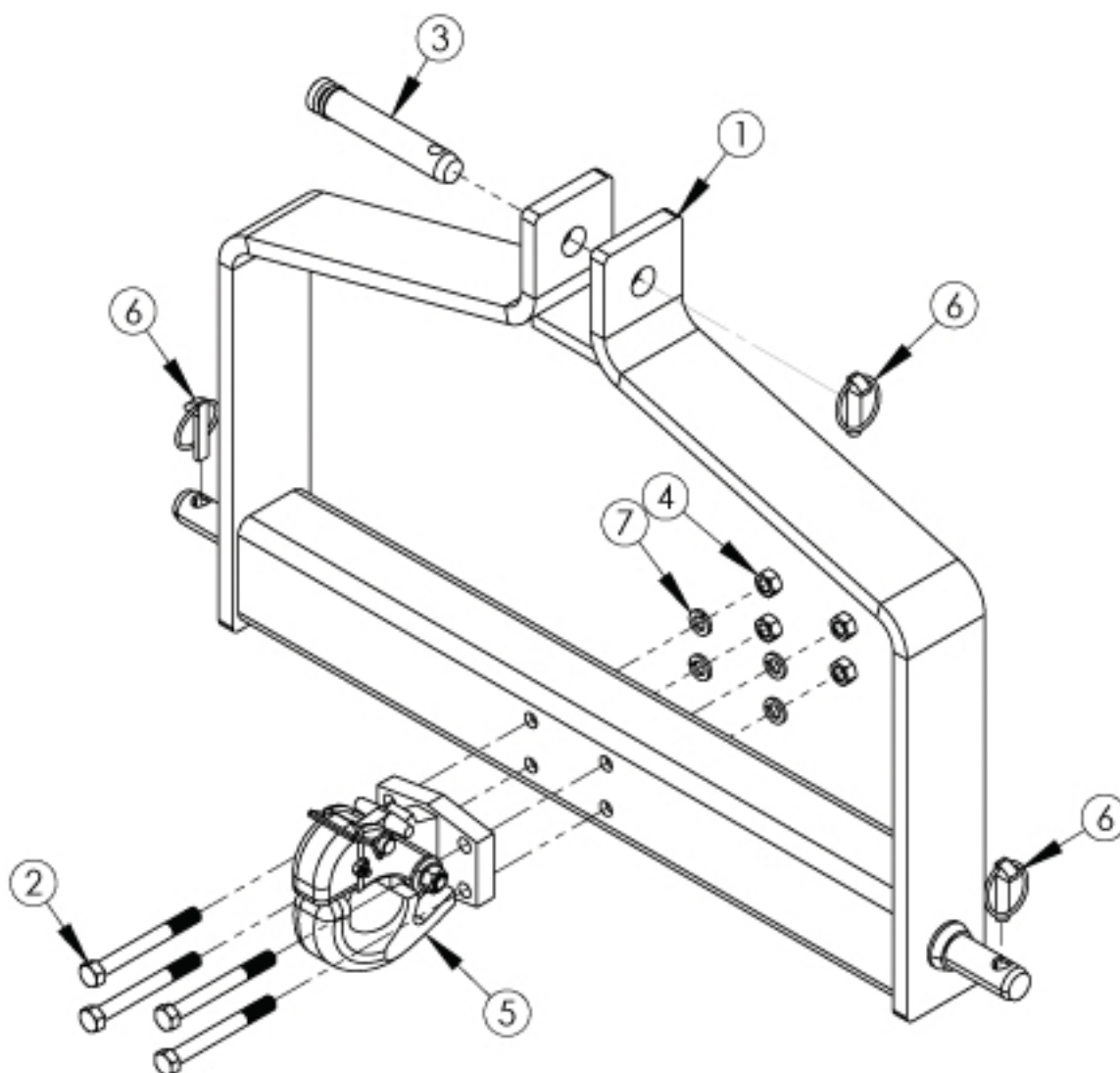


THREE POINT ADAPTER

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	450156	PINTLE ADAPTER: 3PT CAT 2
2	4	P100818.8	1/2-13 X 4 1/2" HEX BOLT GR 8
3	1	P120410	CAT 2 TOP LINK PIN
4	4	P155850	1/2-13 TOP LOCK HEX NUT
5	1	P466100	PINTLE HOOK 15 TON
6	3	P622603	7/16" X 1 1/4" LYNCH PIN
7	4	P851108	1/2" LOCK WASHER



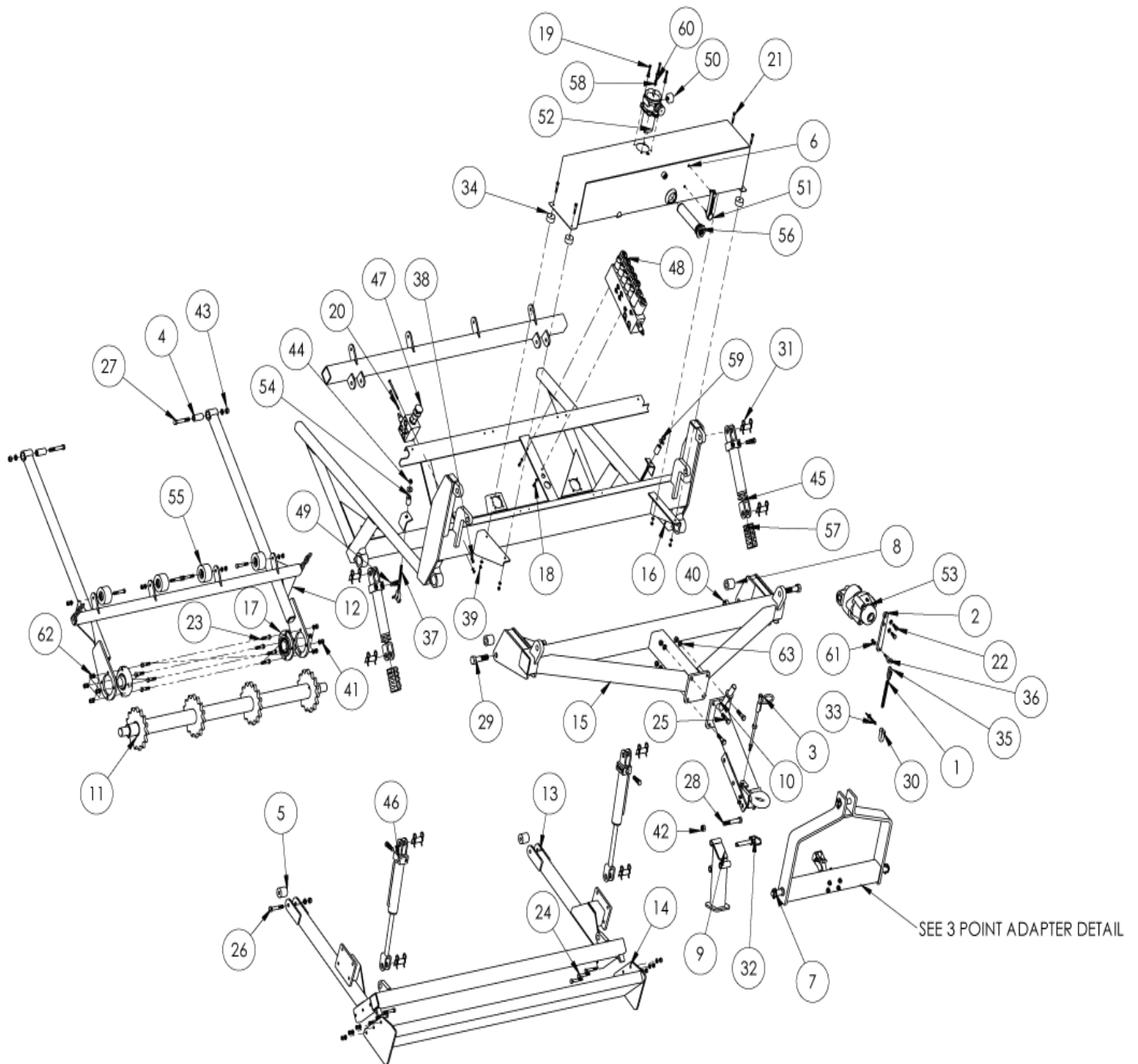
HITCH, LEVELING BLADE AND RESERVOIR REFERENCE

ITEM NO.	QTY.	PART NO.	DESCRIPTION	ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	005123	CHAIN, TOQUE ARM	33	1	P123005	3/8 SAFETY PIN X 2 1/2
2	1	005231	TORQUE ARM, EATON PTO	34	4	P133035	RUBBER SPACER 2" X 1"
3	1	005313	HOSE LOOP ASSY, SLIDER	35	1	P135005	QUICK LINK, 5/16"
4	2	450098	BUSHING, NYL 1.25 X .625 X 2.688	36	1	P135102	3/8-16 X 1-1/4 FORGED EYE BOLT
5	2	450112	BUSHING, NYL 2 X .625 X 2	37	2	P135190	JAW END: 1/2-13 X 9
6	1	450159	HYD RESERVOIR 4500	38	2	P155350	5/16-18 TOP LOCK NUT
7	1	470323	3 POINT ADAPTER, CAT II ASSY	39	5	P155450	3/8-16 TOP LOCK NUT
8	2	480071	BUSHING, HITCH PIVOT 2 X 1 X 2	40	2	P155610	NUT HEX, 1"-8 TOP LOCK
9	1	480123	WLDMT: JACK STAND	41	19	P155850	NUT HEX, 1/2-13 TOP LOCK
10	1	480128	WLDMT: 4800 BOLT ON PINTLE HITCH	42	1	P157120	3/4-10 TOP LOCK NUT
11	1	480148	SHAFT WLD, FRONT CONV 72 SB	43	7	P157500	5/8-11 TOP LOCK NUT
12	1	480154	CONVEYOR SUPPORT 72 SB	44	2	P158005	1/2-13 NYLOCK NUT
13	1	480156	FRAME, FRONT CARRIER	45	2	P259325	CYL; 2B X 5S W/CAV CH
14	1	480157	LEVELING BLADE WLD	46	2	P259330	CYL, 2B X 8S W/CAV CH
15	1	480159	HITCH, PIVOT 4800 WLD	47	1	P292300	VALVE: PS-VA08-0107-REVA
16	1	480160	MAIN FRAME, 72 SB PULLED	48	1	P292400	VALVE: VA04-0699-1
17*	2	P003175	BEARING, IPTCI UCFCX09-28 FLANGE*	49	4	P294250	VALVE, PILOT CHECK CKCB-XFN
18	2	P100503	5/16-18 X 3/4" HEX BOLT	50	1	P297170	GAUGE, IND LP C1-20
19	4	P100505	5/16-18 X 1-1/4" HEX BOLT	51	1	P297220	GAUGE: OIL SIGHT
20	2	P100518	BOLT, HEX 5/16-18 X 4-1/2	52*	1	P371840	FILTER: MPT1042CAG8A10HBT SEE NOTE
21	4	P100608	3/8-16 X 2" HEX BOLT	53	1	P556600	PUMP, EATON PTO #77022-LAH
22	2	P100805	1/2-13 X 1-1/4" HEX BOLT	54	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
23	8	P100809	1/2-13 X 2-1/4 HEX BOLT	55	4	P761100	SNUGULATOR 2500BD1X
24	10	P100813	1/2-13 X 3-1/4" HEX BOLT	56	1	P780100	STRAINER, HYD OIL
25	4	P101010	5/8-11 X 2-1/2" HEX BOLT	57	2	P781000	STROKE CONT SET
26	1	P101015	BOLT: HEX 5/8-11 X 3-3/4 GR8	58	4	P850104	1/4" FLAT WASHER
27	2	P101017	BOLT, HEX 5/8-11 X 4-1/4	59	2	P850108	1/2" FLAT WASHER
28	1	P101220	3/4-10 X 5" HEX BOLT	60	8	P851105	5/16" LOCK WASHER
29	2	P101617	BOLT, HEX 1"-8 X 4-1/4	61	5	P851106	3/8" LOCK WASHER
30	1	P118070	PIN CLEVIS, 5/16 X 1	62	21	P851108	1/2" LOCK WASHER
31	8	P120850	CLEVIS PIN: 1"	63	7	P851110	5/8" LOCK WASHER
32	1	P121100	PIN: HITCH, 3/4 #71031C				

* 71.P371841 REPACEMENT HYDRAULIC FILTER ONLY

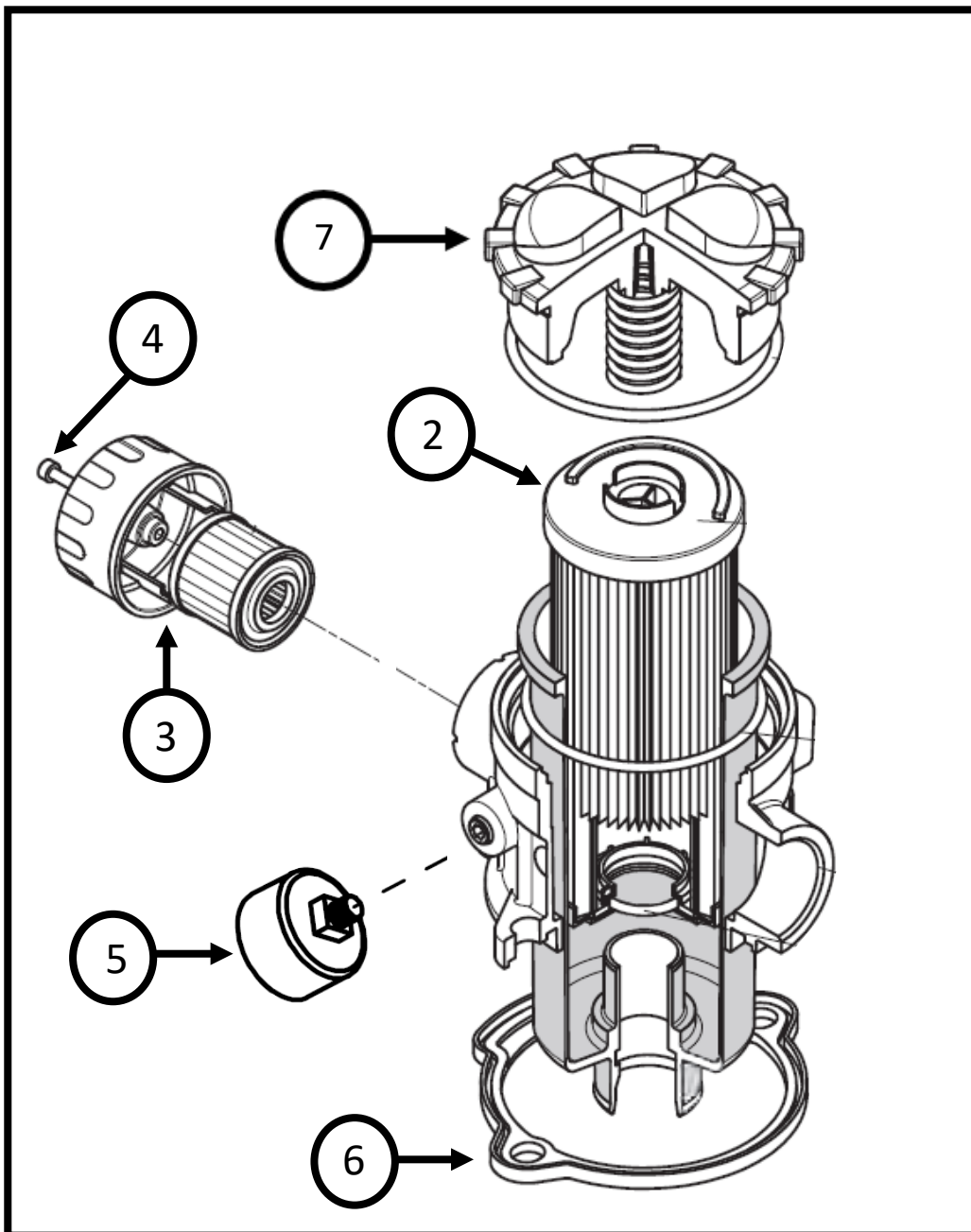
* P003175 BEARING REPLACED BY 71.P003115 BEARING 1-3/4 4 BOLT PILOT

HITCH, LEVELING BLADE, AND RESERVOIR DIAGRAM



HYDRAULIC FILTER HOUSING

- 1) 71.P371840 Complete filter housing: includes base gasket and 10-micron filter element
- 2) 71.P371841 Filter element 10-micron
- 3) 71.P371842 Breather filter element / housing
- 4) 71.P110160 Mounting screw M4 - .7 X 25 mm socket head cap screw
- 5) 71.P297170 Filter indicator gauge
- 6) 71.P371839 Base gasket
- 7) 71.P371844 Cover with spring

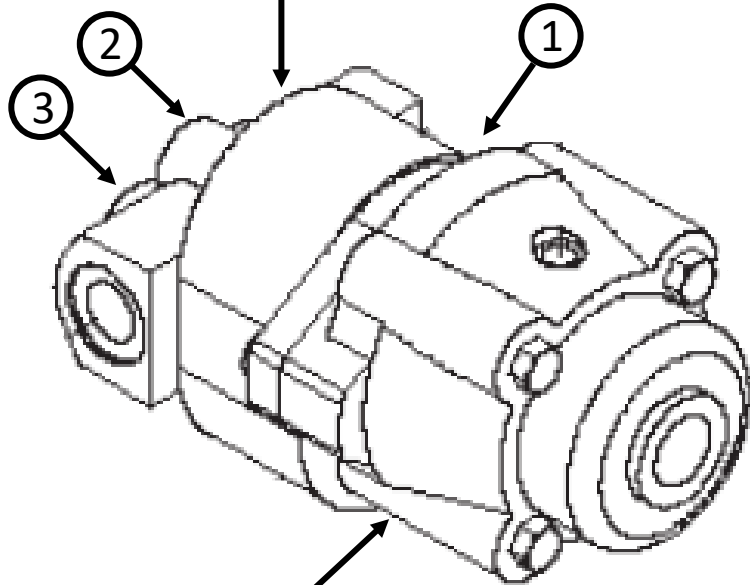


PTO PUMP

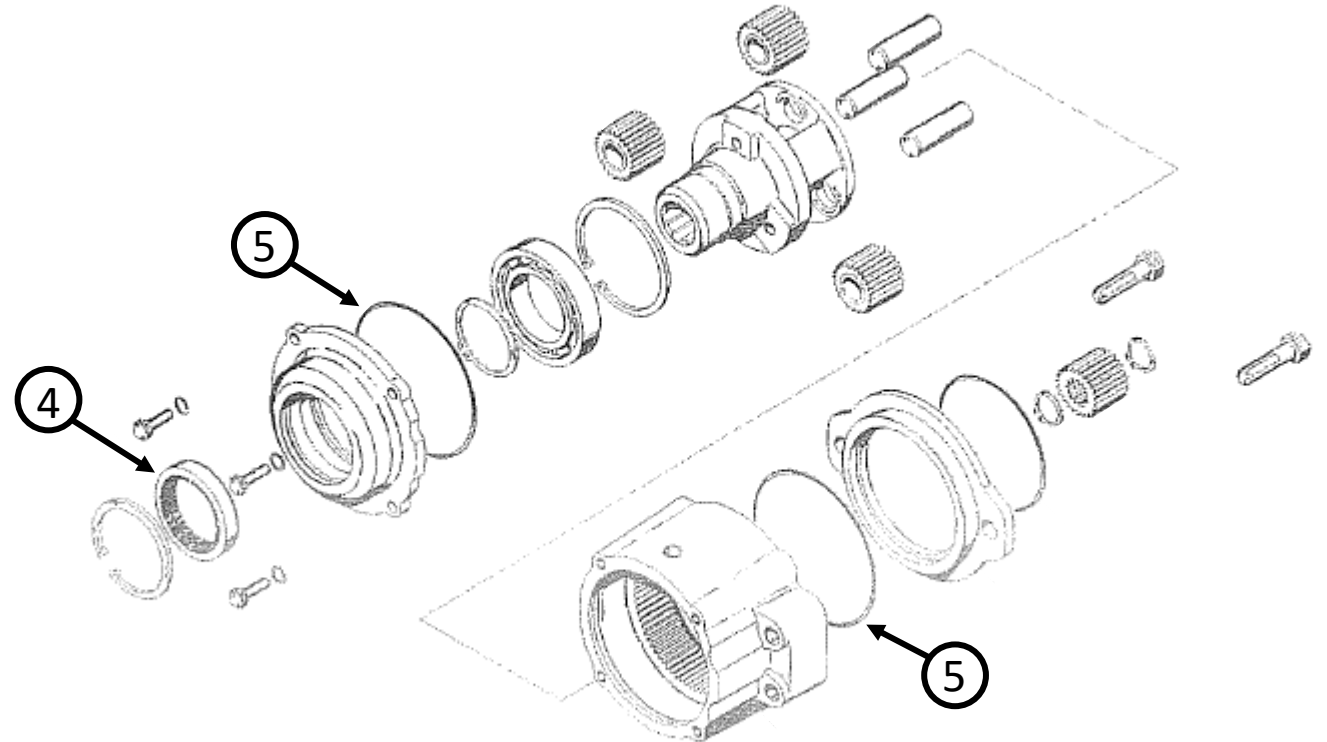
PLANETARY GEARBOX DRIVE / HYDRAULIC GEAR PUMP

- 1) 71.P556600 COMPLETE PUMP ASSEMBLY (PLANETARY GEARBOX / HYDRAULIC GEAR PUMP FULLY ASSEMBLED)
- 2) 71.P556610 HYDRAULIC GEAR PUMP (GEAR PUMP SECTION ONLY)
- 3) 71.P556611 HYDRAULIC GEAR PUMP SEAL KIT
- 4) 71.V16253-34 PTO / PLANETARY GEARBOX INPUT SHAFT SEAL
- 5) 71.V160.15 O RING

HYDRAULIC GEAR PUMP SECTION



PLANETARY GEARBOX DRIVE SECTION



PLANETARY GEARBOX DRIVE EXPLODED VIEW

SCREEN FRAME PARTS REFERENCE

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	450247	GLIDE RAIL 4500 B
2 *	20	450174	RISER, SCREEN *mounting bolt 71.P100808 1/2-13 X 2 hex bolt
3	1	480142	SCREEN FRAME ASM 72SB
4	1	480147	CUTTING EDGE 72SB
5	1	480145	SCREEN TENSIONER 72SB
6	4	480069	SPACER, 1/4 X 1/2 ID X 3 OD
7	1	480133	SCREEN HOLD DW 3/4" 72SB
8	1	480141	SPACER, FRONT SCREEN LIP 72SB
9	1	480136	SCREEN ASSY: 3/4" X 72" DOUBLE HOOK
10	2	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
11	12	M6223	3/16" X 1/2" ID X 3" OD WASHER
12	4	P133064	ISOLATOR: SQ HEAVY DUTY PLATFORM 283P250
13	2	P133065	ISOLATOR: SQ HEAVY DUTY PLATFORM 283P310
14 *	1	P358100	VIBRATOR, HYD HA4-3300
15	8	P761100	SNUGULATOR 2500BD1X

*** #14 SHAKER / VIBRATOR ADDITIONAL ITEMS**

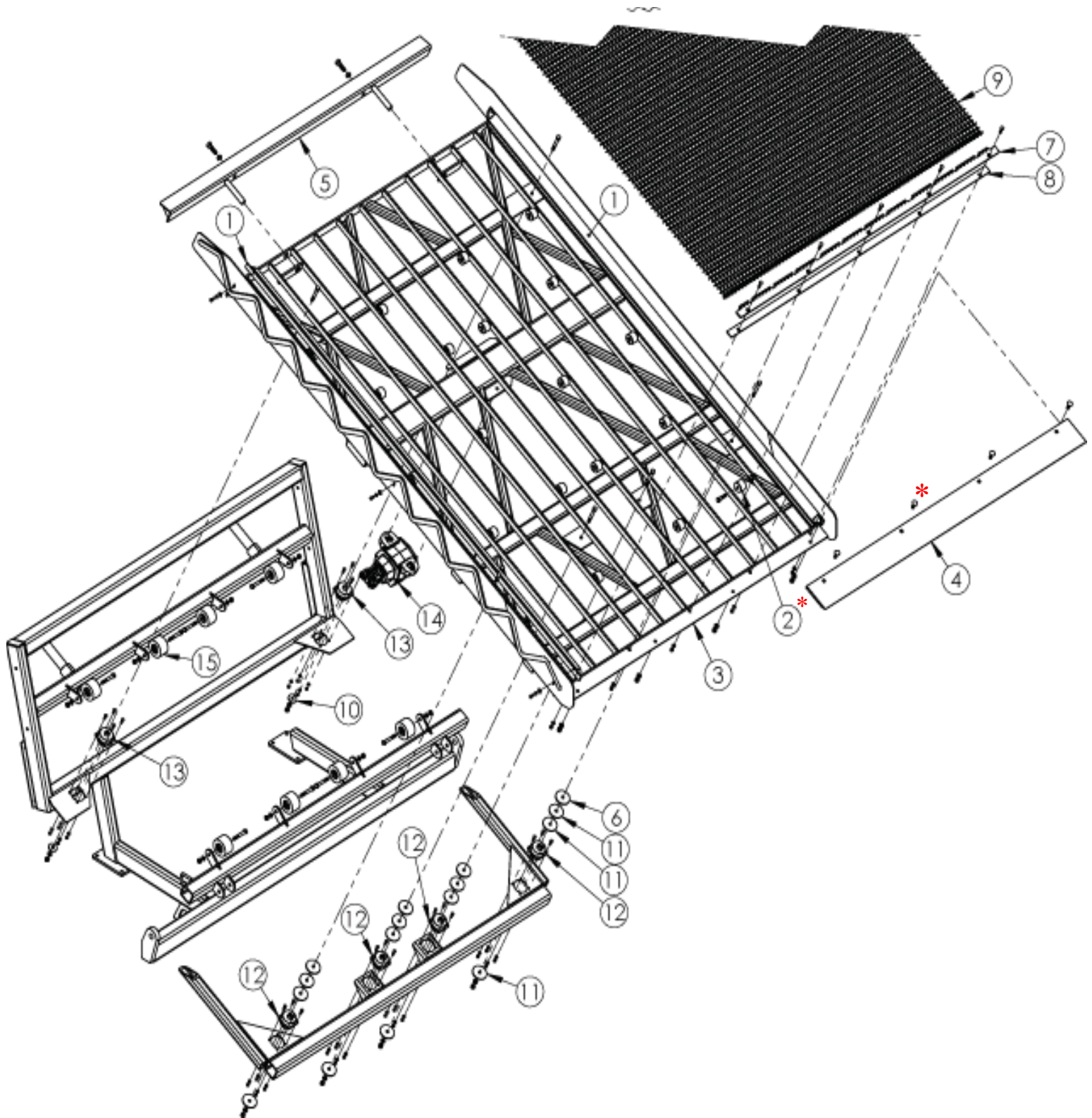
71.P358105 HYDRAULIC MOTOR SHAFT SEAL
 71.P358107 HYDRAULIC MOTOR
 71.P358108 DRIVE COUPLING ASSEMBLY

*** DIGGER POINT / CUTTING EDGE HARDWARE NOT SHOWN**

4 - 71.P104806 BOLT: CARRIAGE 1/2 X 1-1/2 GR5
 4 - 71.P851108 LOCK WASHER 1/2
 4 - 71.P150800 HEX NUT 1/2

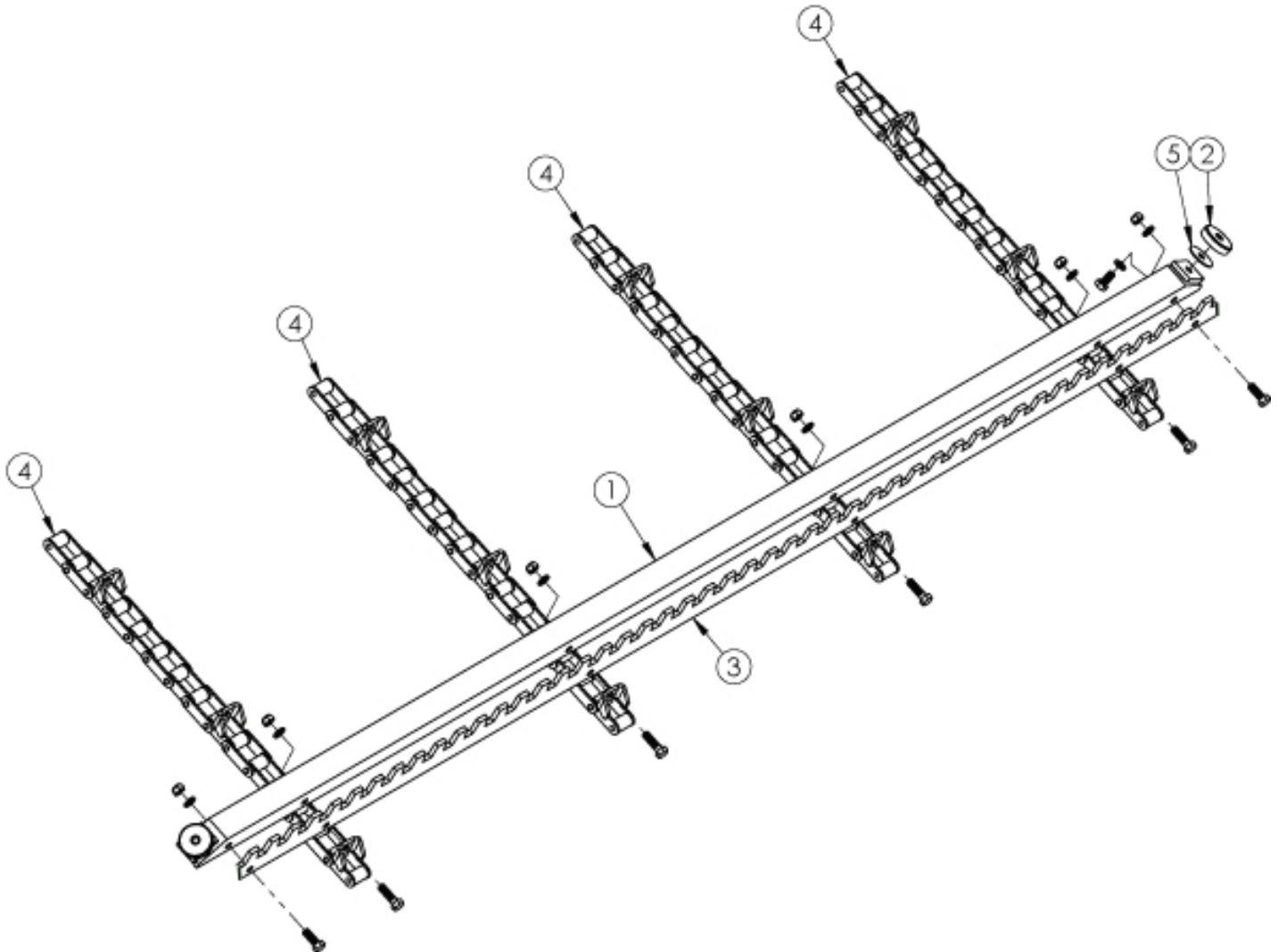


SCREEN FRAME DIAGRAM



#620 CONVEYOR CHAIN AND FLIGHT ASSEMBLY

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	480129	WLD FLIGHT ANGLE 72SB
2	2	470130	FLIGHT PUCK
3	1	480131	FLIGHT BLADE 72SB
4	4	P632420	CHAIN #620 CONV 28 CLT
5	2	P852015	WASHER, 3/8 FENDER

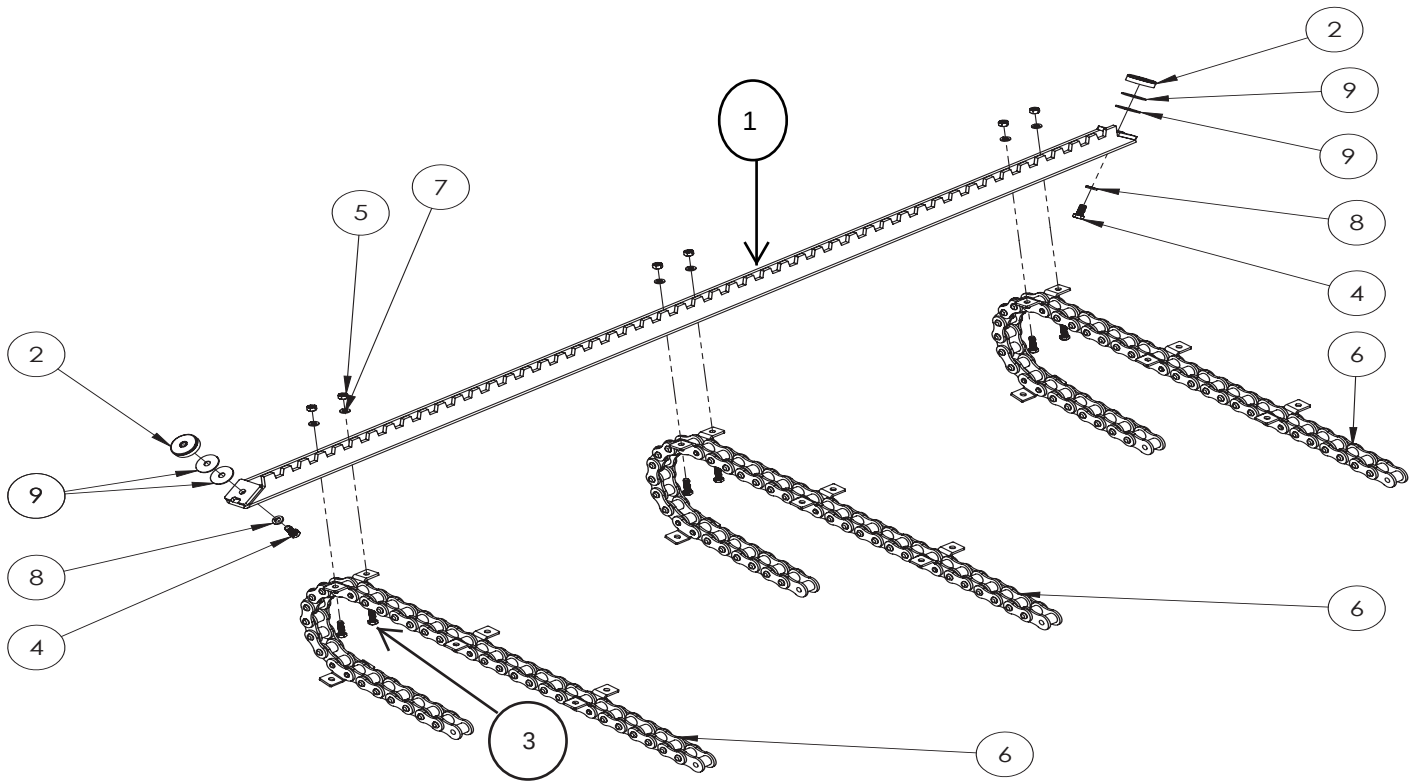


*NOTE MANY EARLY MDL 4600 CONVERTED TO #100 CONVEYOR CHAIN

** 3 UNITS ARE KNOWN TO BE IN OPERATION WITH #620 CONVEYOR CHAIN AS SHOWN
CONVERTED UNITS WILL HAVE QTY 3 CONVEYOR CHAINS

*SEE NEXT PAGE FOR CONVERTED #100 CONVEYOR CHAIN REPLACEMENT ITEMS

#100 CONVEYOR CHAIN AND FLIGHT SCHEMATIC

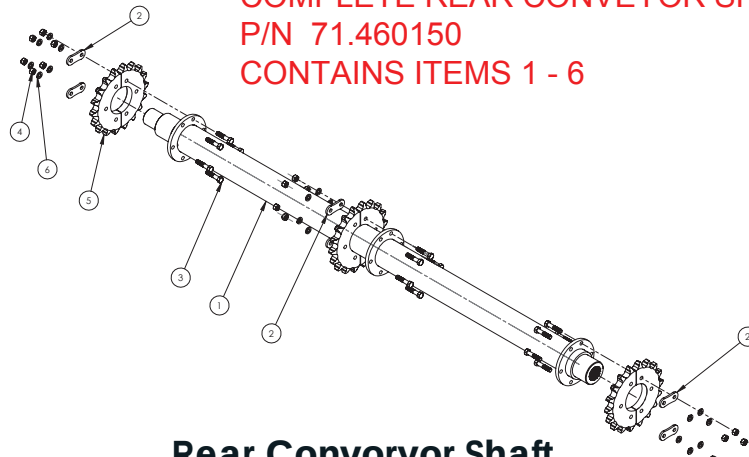


ITEM	QTY	PART NO	DESCRIPTION
1	27	460136	WLDT: FLIGHT BLADE 4600, 2.12
2	54	470130	FLIGHT PUCK
3	162	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	162	P155350	NUT: HEX, 5/16 TOP-LOCK
6	3	P632140	CHAIN: 100K1 x 219 P ARMOR
6A	REF	P632142	LINK: KI CONNECTOR
7	162	P851105	WASHER: LOCK 5/16"
8	54	P851106	WASHER: LOCK 3/8" ZP
9	108	P852015	WASHER: FLAT 3/8" FENDER

CHAIN REPAIR ITEMS:

71.P632143 #100 K1 ATTACHMENT LINK
 71.P632142 MASTER CONNECTING LINK
 71.P632141 1/2 LINK (OFFSET)

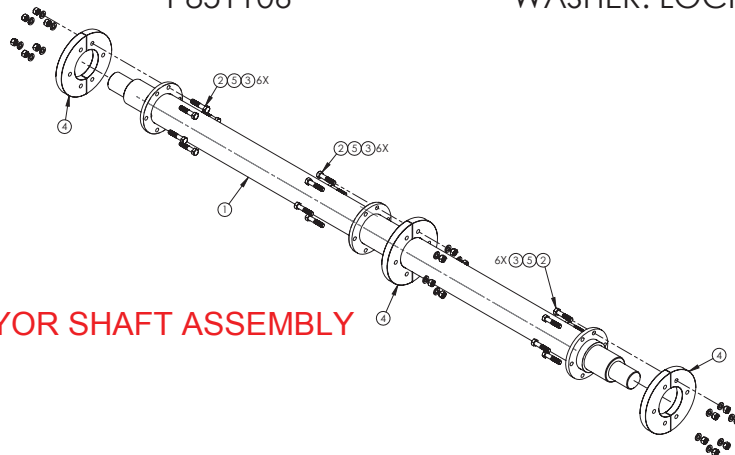
#100 CONVEYOR CHAIN REAR / FRONT SHAFT ASSEMBLY



COMPLETE REAR CONVEYOR SHAFT ASSEMBLY
P/N 71.460150
CONTAINS ITEMS 1 - 6

Rear Convoyor Shaft

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	460142	WLDT: SHAFT REAR SPLIT MT 4600
2	6	CP0055	PALTE: SPLIT SPKT TIE
3	18	P100607	BOLT: HEX 3/8-16 X 1-3/4"
4	18	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
5	3	P691218	SPROCKET; #100A18 SPLIT
6	18	P851106	WASHER: LOCK 3/8" ZP



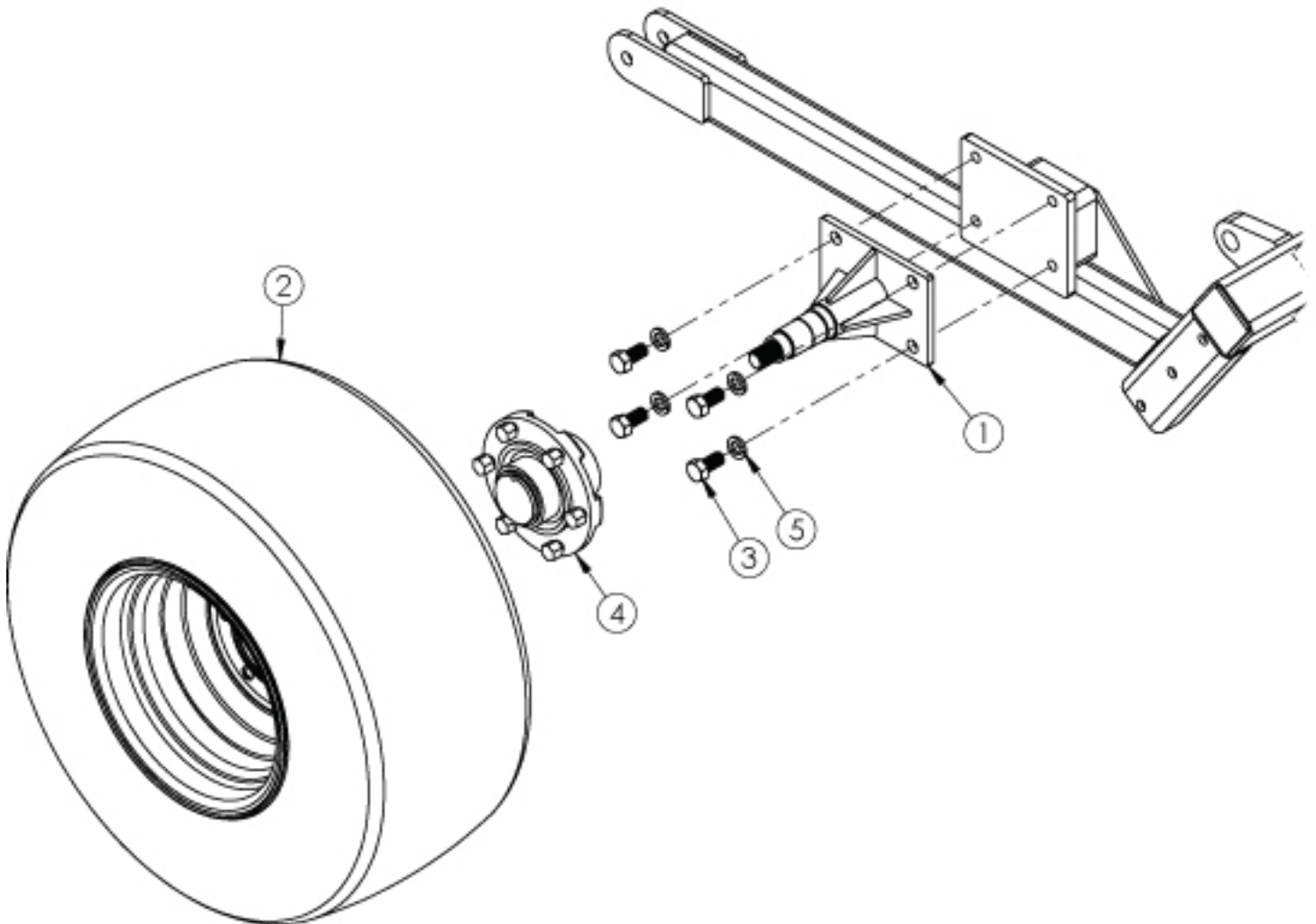
COMPLETE FRONT CONVEYOR SHAFT ASSEMBLY
P/N 71.460187
CONTAINS ITEMS 1-5

Front Convoyor Shaft

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	460143	WLDT: SHAFT FRONT SPLIT MT 4600
2	18	P100607	BOLT: HEX 3/8-16 X 1-3/4"
3	18	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
4	3	P693000	PLATE: CHAIN IDLER 100-18
5	18	P851106	WASHER: LOCK 3/8" ZP

OPTIONAL GAUGE WHEEL ASSEMBLY

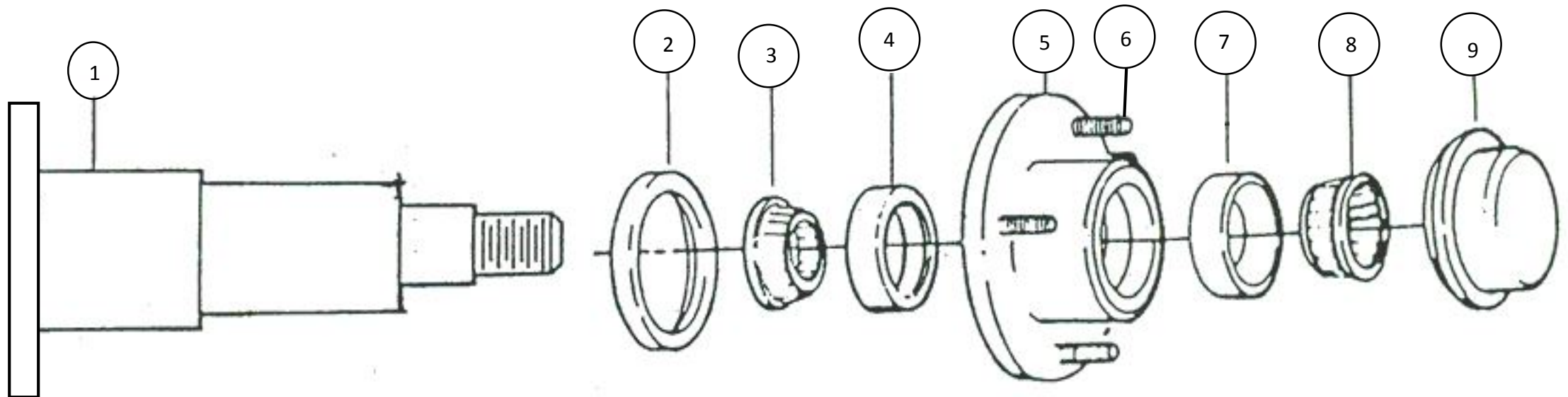
<u>ITEM</u>	<u>QTY.</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	005201	AXLE WLD, GAUGE WHEEL
2	2	470152	WHEEL ASSY, 26 X 12-12
3	8	P101005	5/8-11 X 1-1/4" HEX BOLT
4	2	P764300	HUB ASSEMBLY, 6 BOLT
5	8	P851110	5/8" LOCK WASHER

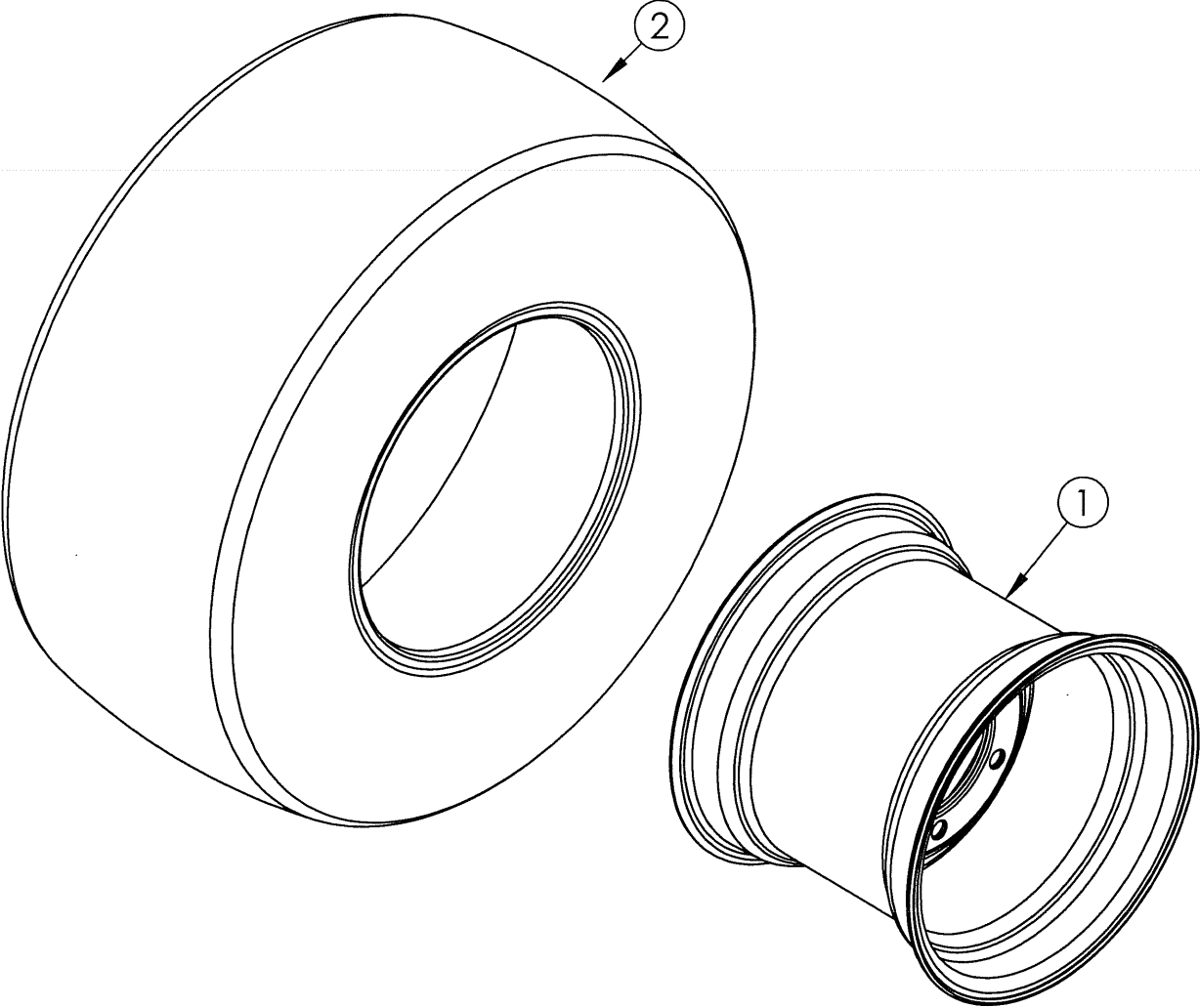


FRONT HUB ASSEMBLY MODEL 4600

- 1) 71.005201 AXLE WELD: GAUGE WHEEL
 - 2) 71.P764302 HUB SEAL MFG. / SKF P/N: 16284
 - 3) 71.P764303 INNER CONE / BEARING PEER P/N: LM29749
 - 4) 71.P764304 INNER CUP / RACE PEER P/N: LM29710
 - 5) 71.P764300 COMPLETE HUB ASSEMBLY (CONTAINS ITEM# 2 THRU 9 EXCEPT FOR #6)
 - * 71.P764305 HUB ONLY: 6 BOLT X 6 INCH BOLT CIRCLE X 4-5/8 PILOT

 - 6) 71.P764306 WHEEL BOLT 1/2-20 NF X 1-3/4 CONICAL
 - 7) 71.P764307 OUTER CUP / RACE PEER P/N: LM67010
 - 8) 71.P764308 OUTER CONE / BEARING PEER P/N: LM67048
 - 9) 71.P764301 DUST CAP GKN P/N: P502026
- 71.P764310 BEARING KIT: CONTAINS ITEM# 2 THRU 4 **AND** 7 THRU 9





COMPLETE FRONT TIRE - WHEEL ASSEMBLY P/N: 470152

2	1	P763300	TIRE, 26 X 12-12 TURF TRAC
1	1	P750300	RIM: 12 X 10.50
ITEM	QTY.	PART NUMBER	DESCRIPTION

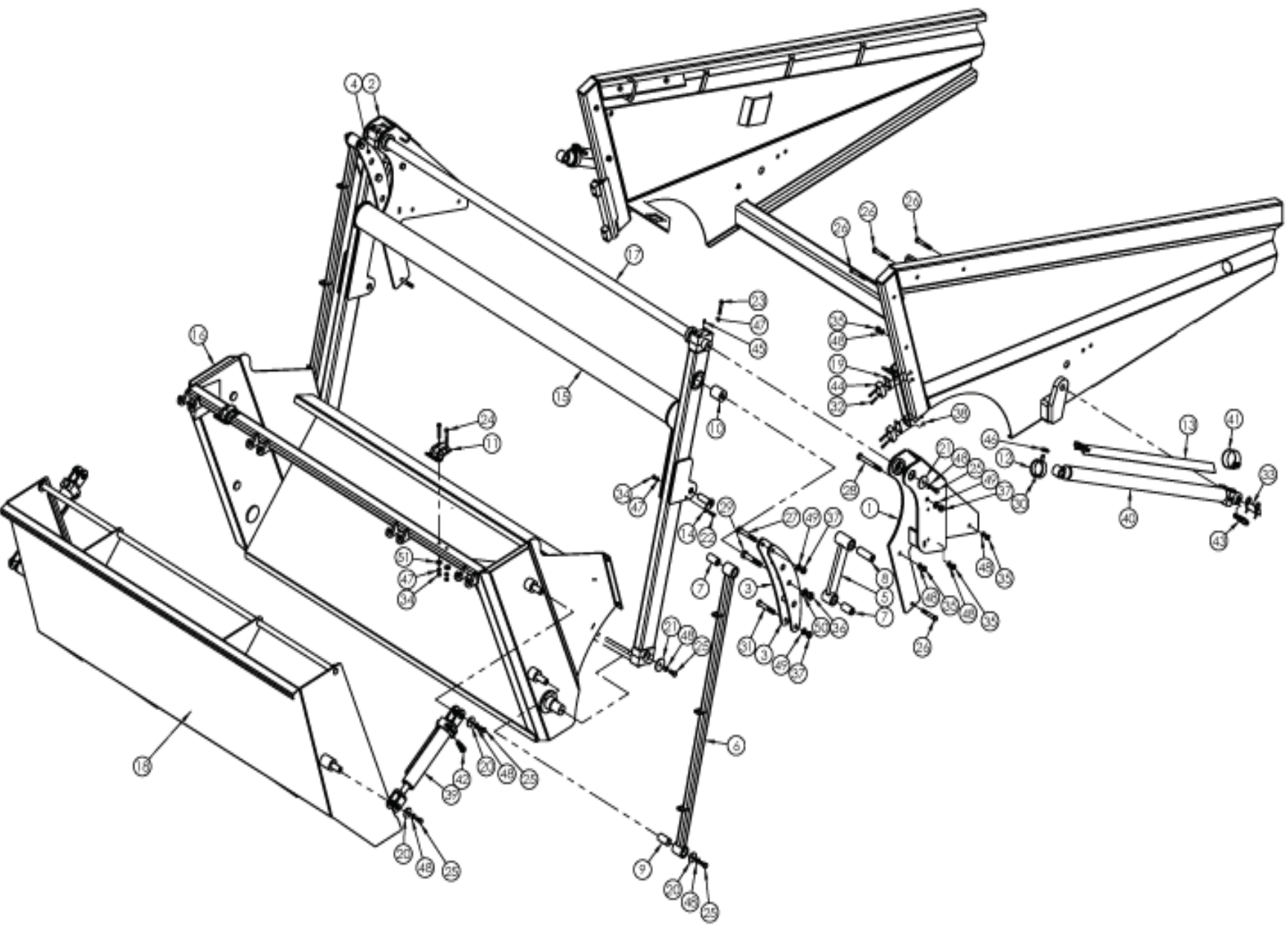


HIGH LIFT (MODEL 4600XL) REFERENCE

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	450114	MT: HIGH LIFT RH
2	1	450115	MT: HIGH LIFT LH
3	1	450117	SCISSOR ARM WLD RH
4	1	450118	SCISSOR ARM WLD LH
5	2	450120	LINK: SCISSOR ACTION BASE
6	2	450121	LINK: SCISSOR ACTION PARALLEL
7	4	450138	BUSHING: NYL 1.25 X .625 X 2.312
8	2	450139	BUSHING, NYL 1.25 X .625 X 3.5
9	2	450140	BUSHING: NYL 1.25 X 1 X 2.312
10	2	450141	BUSHING: NYL 2 X .75 X 2.312
11	2	450149	HOPPER LOCK, WLD
12	2	450193	RETAINER, PROP BAR
13	2	450194	SAFETY PROP BAR ASM
14	2	480087	PIN, 1" X 3" LOCK
15	1	480166	BOOM WLD 72 SB
16	1	480167	HOPPER BASE WLD 72 SB
17	1	480170	PIVOT, HIGH LIFT STABILIZER
18	1	480174	HOPPER DOOR WELD, 2 YD
19	4	M30079	SPACER: BUMPER
20	6	M5009-5	3/16" X 1/2" X 1-3/4" WASHER
21	4	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
22	2	P100604	3/8-16 X 1.0" HEX BOLT
23	16	P100609	3/8-16 X 2-1/4 HEX BOLT
24	4	P100610	3/8-16 X 2-1/2 HEX BOLT
25	10	P100804	1/2-13 X 1" HEX BOLT
26	8	P100813	1/2-13 X 3-1/4" HEX BOLT
27	2	P101016	BOLT: HEX 5/8-11 X 4" GR8
28	2	P101021	BOLT: HEX 5/8-11 X 5-1/4
29	2	P101216	BOLT, HEX 3/4-10 X 4 GR8
30	2	P108606	SET SCREW, 3/8-16 X 3/8
31	2	P110750	BOLT: FLAT HD SOCKET 5/8-11 X 4" Z
32	8	P110912	CAPSCREW, 1/4-20 X 1-1/4 ALLEN HD
33	2	P120850	CLEVIS PIN: 1"
34	6	P155450	3/8-16 TOP LOCK NUT
35	8	P155850	NUT HEX, 1/2-13 TOP LOCK
36	2	P157120	3/4-10 TOP LOCK NUT
37	6	P157500	5/8-11 TOP LOCK NUT
38	8	P158003	NUT, HEX, 1/4 ELASTIC STOP
39	2	P259330	CYL, 2B X 8S W/CAV CH
40	2	P259335	CYL; 2B X 42S W/CAV 1" BARREL END
41	2	P259999	STRAP: 12" STD DUTY CINCH
42	2	P294250	VALVE, PILOT CHECK CKCB-XFN
43	2	P294260	VALVE, COUNTERBALANCE CHECK CBCG-LJN
44	4	P605000	SPRING BUMPER
45	4	P620200	1/4-28 STR GREASE FITTING
46	2	P622604	PIN, LYNCH 3/16 X 1-1/4
47	22	P851106	3/8" LOCK WASHER
48	18	P851108	1/2" LOCK WASHER
49	6	P851110	5/8" LOCK WASHER
50	2	P851112	3/4 LOCK WASHER
51	4	P851606	3/8" HEAVY WASHER



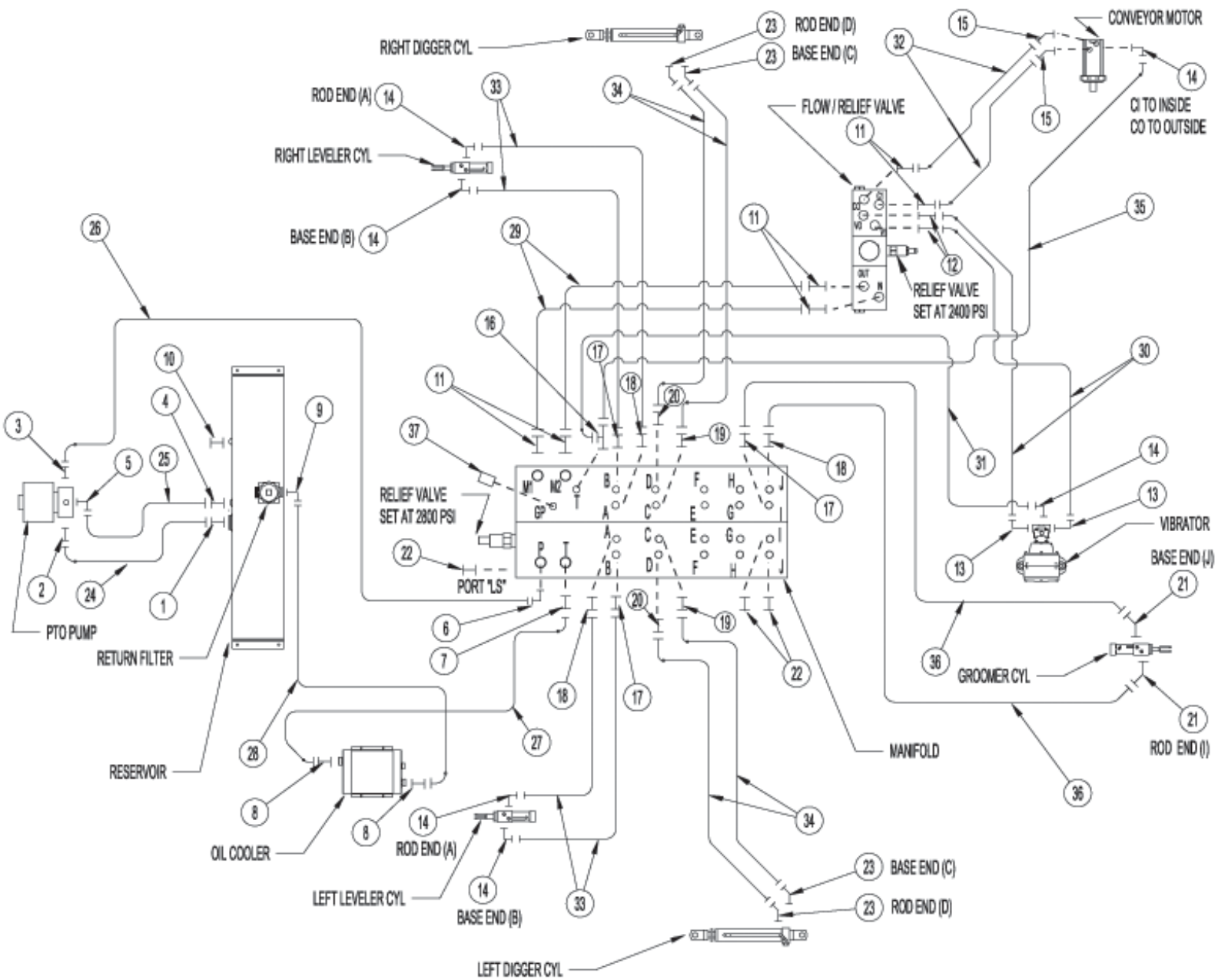
HIGH LIFT (MODEL 4600XL) DIAGRAM

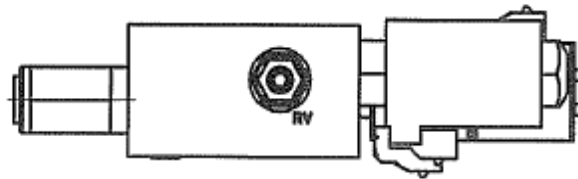
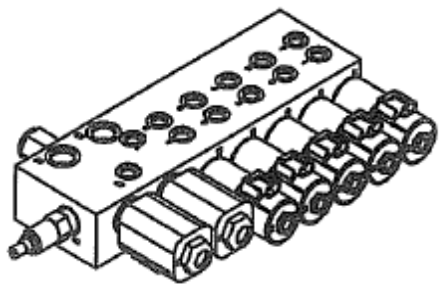


HYDRAULICS REFERENCE

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	P277185	FITTING 20MJ 20MP
2	1	P277190	FITTING 20MJ 20MB
3	1	P276458	FITTING 10MJ 12MB
4	1	P276110	FITTING 6MJ 8MB
5	1	P261350	FITTING 6MJ 6MB90
6	1	P276202	FITTING 10MJ 10MB90
7	1	P276440	FITTING 12MJ 10MB
8	2	P277100	FITTING 12MJ 16MB
9	1	P277106	FITTING 12MJ 16MB90
10	1	P278005	FITTING 8MB PLUG
11	6	P276200	FITTING 10MJ 10MB
12	2	P276430	FITTING 8MJ 10 MB
13	2	P261010	FITTING 8MJ 8MB90
14	2	P261400	FITTING 4MJ 4MB90
15	2	P276201	FITTING 10MJ 10MB45
16	1	P265425	FITTING 6MB 4MJ 4MJ
17	3	P261452	FITTING 4MJ 6MB
18	3	P276115	FITTING 4MJ 6MB W/ .035 ORIFICE
19	2	P276104	FITTING 6MJ 6MB W/ .110 ORIFICE
20	2	P276101	FITTING 6MJ 6MB
21	2	P261420	FITTING 4MJ 4MB45
22	3	P270906	FITTING 6MB PLUG
23	4	P261458	FITTING 4MJ 6MB45
24	1	P289975	HOSE-SUCTION 75" 20FJ 20FJ90
25	1	P283081	HOSE- 6 X 81" 6FJ 6FJ
26	1	P285100	HOSE-10 X 100" 10FJ 10FJ90 W/ CORDURA
27	1	P286031	HOSE-12 X 31" 12FJ45 12FJ90 (180 ROTATION)
28	1	P286047	HOSE-12 X 47" 12FJ 12FJ90
29	2	P285029	HOSE-10 X 29" 10FJ 10FJ
30	2	P284120	HOSE-8 X 120" 8FJ 8FJ45
31	1	P282152	HOSE-4 X 152" 4FJ 4FJ90
32	2	P285126	HOSE-10 X 126" 10FJ 10FJ45
33	4	P282042	HOSE-4 X 42" 4FJ 4FJ90
34	4	P283060	HOSE-6 X 60" 6FJ 6FJ90 LONG
35	1	P282166	HOSE-4 X 166" 4FJ 4FJ45
36	2	P282184	HOSE-4 X 184" 4FJ 4FJ
37	1	P276290	NIPPLE, DIAGNOSTIC

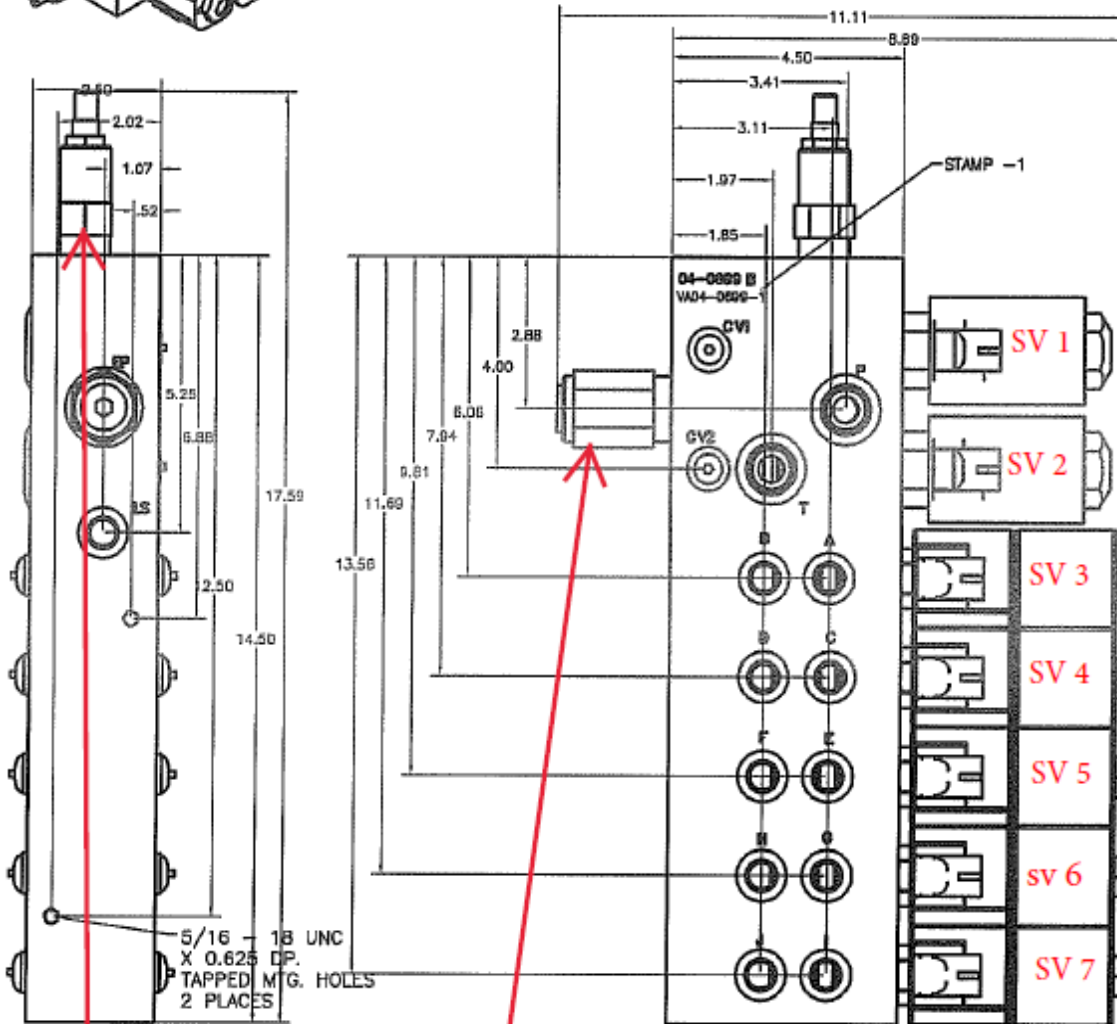
HYDRAULICS DIAGRAM



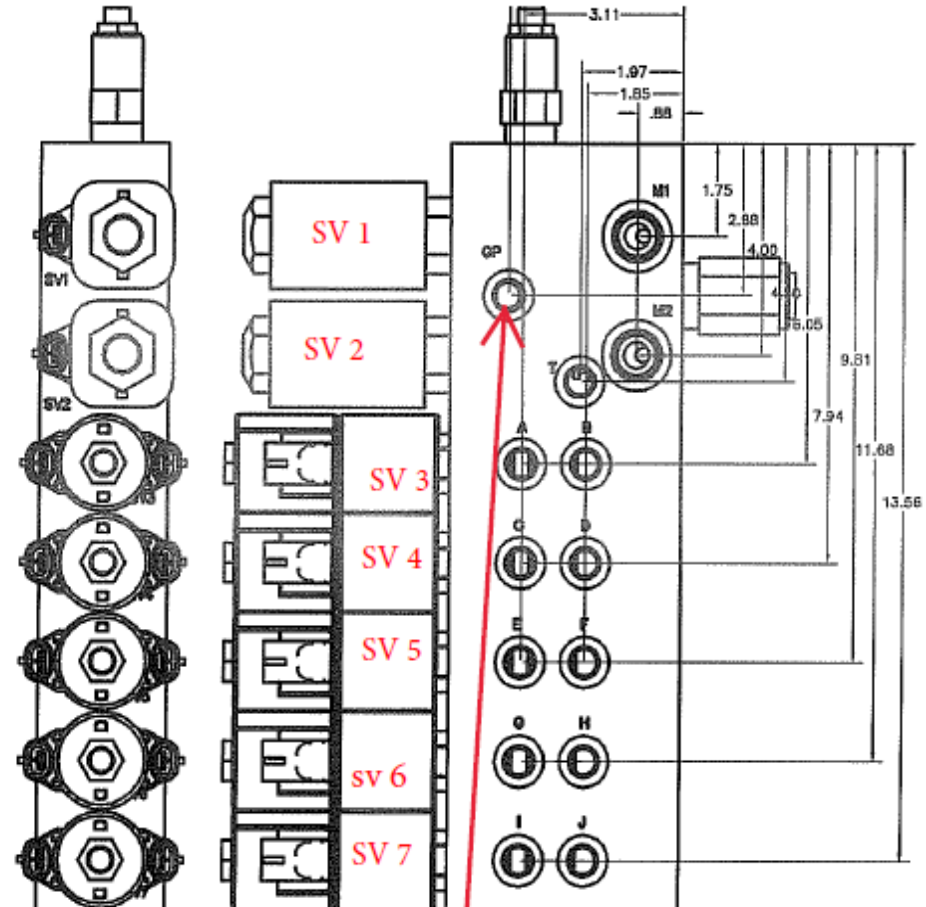


LOCATION	CARTRIDGE P/N	COIL P/N	SEAL KIT P/N
SV1	71.P291122	71.P291120	71.P291123
SV2	71.P291122	71.P291120	71.P291123
SV3	71.P292402	71.P291110	71.P291117
SV4	71.P292402	71.P291110	71.P291117
SV5	71.P291111	71.P291110	71.P291117
SV6	71.P292402	71.P291110	71.P291117
SV6	71.P292402	71.P291110	71.P291117
SV7	71.P292402	71.P291110	71.P291117
RELIEF	71.P292401		
EP	71.P291114		
EP	71.P291113		

(EP valve types do not interchange)
 Early EP: extends beyond the bottom of valve block
 Late EP: mounts basically flush with bottom of valve body



EP VALVE LOCATION
 (EARLY STYLE SHOWN P/N: 71.P291114)



HYDRAULIC TEST POR LOCATION (GP)

PORT LOCATIONS:

SV1 / SV2 - M1,M2-CONVEYOR, FORWARD/REVERSE
 SV3 - A+B-LEVEL BLADE, RAISE/LOWER
 SV4 - C+D-DIGGER LIFT, RAISE/LOWER
 SV5 - E+F-HOPPER LIFT, RAISE/LOWER
 SV6 - G+H-HOPPER DUMP, OPEN/CLOSE
 SV7 - I+J-GROOMER, RAISE/LOWER

CONTROL FUNCTIONS:

SV1 CONVEYOR FORWARD
 SV2 CONVEYOR REVERSE
 SV3 LEVELING BLADE RAISE / LOWER
 SV4 DEPTH CYLINDER (DIGGER POINT) RAISE / LOWER
 SV5 HOPPER BOOM RAISE / LOWER
 SV6 HOPPER DOOR (DUMP) OPEN / CLOSE
 SV7 GROOMER (FINISHER) RAISE / LOWER

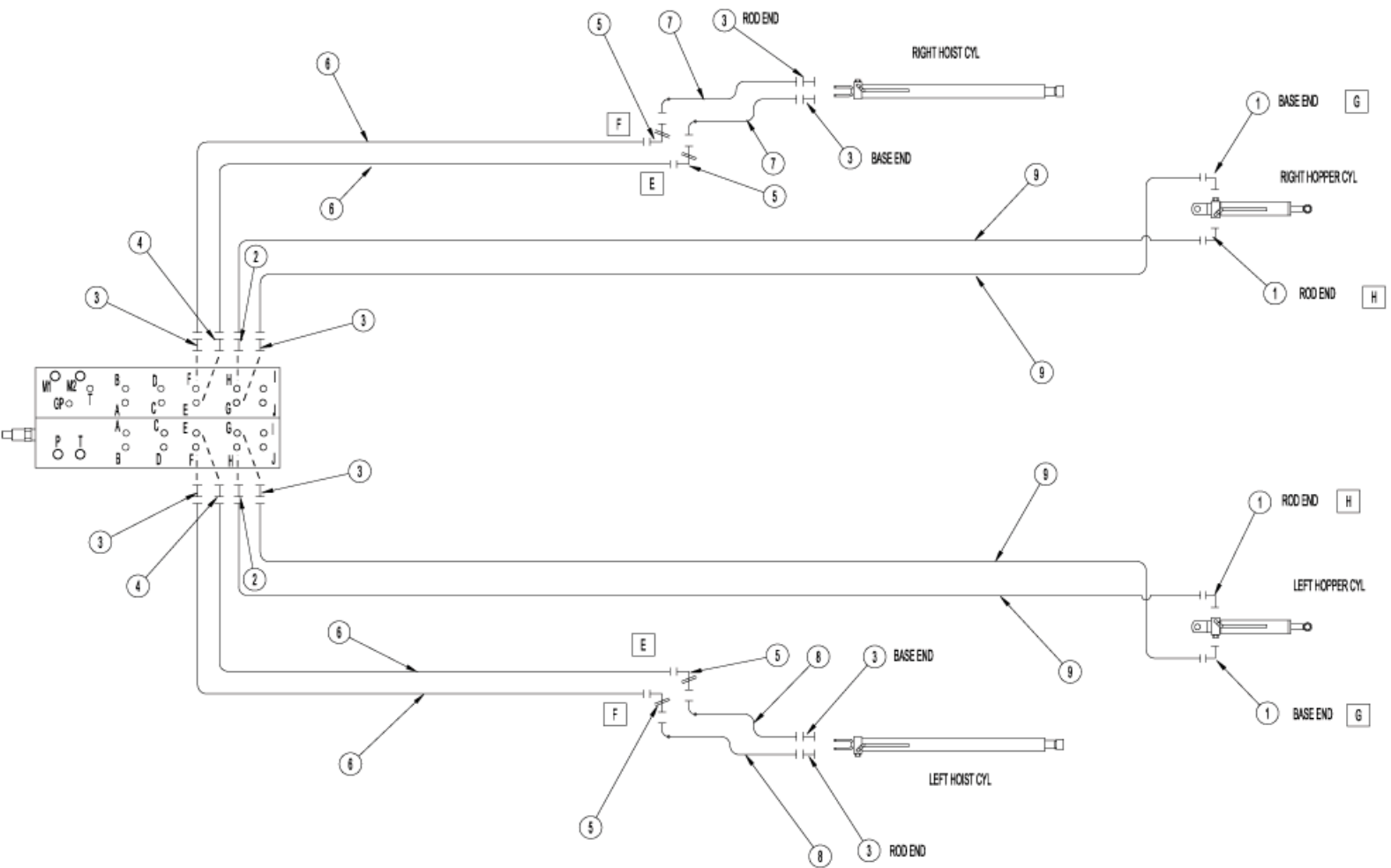
**MAIN VALVE P/N 71.P292400
 USED ON MDL 4500 / 4600**

**PRESSURE RELIEF VALVE
 (ADJUST TO 2800 PSI)**

HIGH LIFT 4600 XL HYDRAULICS REFERENCE

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	4	P261350	FITTING 6MJ 6MB 90
2	2	P276103	FITTING 6MJ 6MB W/ .062 ORIFICE
3	8	P276101	FITTING 6MJ 6MB
4	2	P276104	FITTING 6MJ 6MB W/ .110 ORIFICE
5	4	P265410	FITTING 6MJ 6MJ BULKHEAD 90
6	4	P283136	HOSE -6 X 136" 6FJ 6FJ
7	2	P283518	HOSE -6 X 15" 6FJ 6FJ 90
8	2	P283026	HOSE -6 X 26" 6FJ 6FJ 90
9	4	P283256	HOSE -6 X 256" 6FJ 6FJ

HIGH LIFT (4600XL) HYDRAULICS DIAGRAM



WHEEL ASSEMBLY AND GROOMER REFERENCE

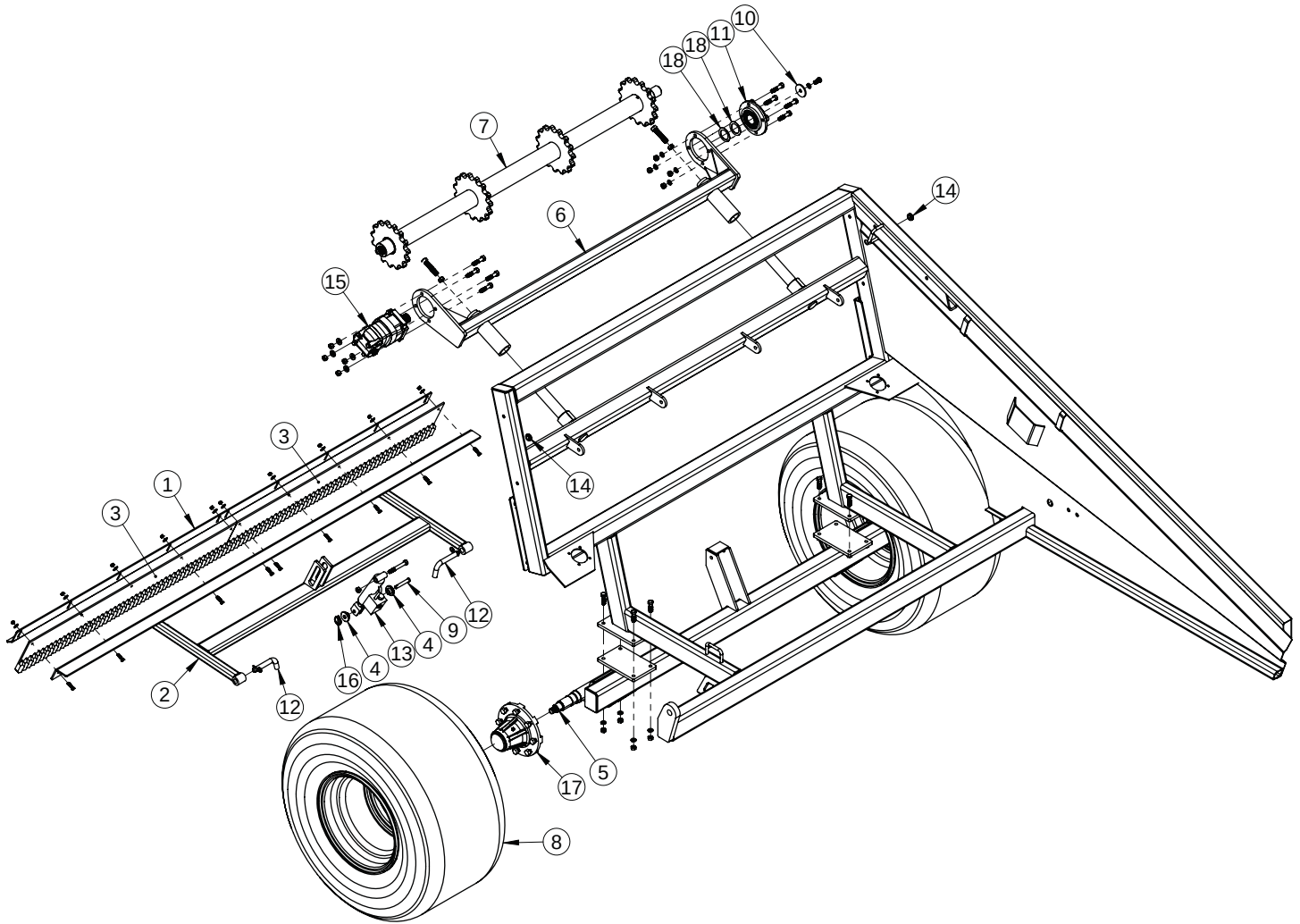
<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	450080	GROOMER BACKING BAR
2	1	450087	GROOMER BAR WLD
3 *	2	450179	COMB, GROOMER 4500 *
4	2	450183	BUSHING, GROOMER TENSION
5	1	480022	AXLE WELDMENT 4800
6	1	480178	MT, REAR SHAFT 4800
7	1	480149	SHAFT WLD, REAR CONV
8	2	480070	TIRE & RIM ASM: AW708
9	1	CP0013	PIN, CLEVIS MOD 1/2 X 3
10	1	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
11 *	1	P003175	BEARING, IPTCI UCFCX09-28 FLANGE *
12	2	P121200	BENT HITCH PIN 3/4" X 3-1/2"
13	1	P259160	CYL, 1-1/2B X 4S W/CAV CH
14	2	P297625	GROMMET: 5/8 BORE
15 *	1	P353600	MOTOR: 4000 COMPACT 169-0133-001
16	1	P622604	PIN, LYNCH 3/16 X 1-1/4
17	2	P764400	HUB ASSY, 8 BOLT
18	2	P855525	BUSHING: MACH 18GA X 1-3/4

* 450179 GROOMER COMB REPLACED BY 71.450278 RIGHT AND 71.450279 LEFT

* P003175 BEARING REPLACED BY 71.P003115 BEARING 1-3/4 4 BOLT PILOT

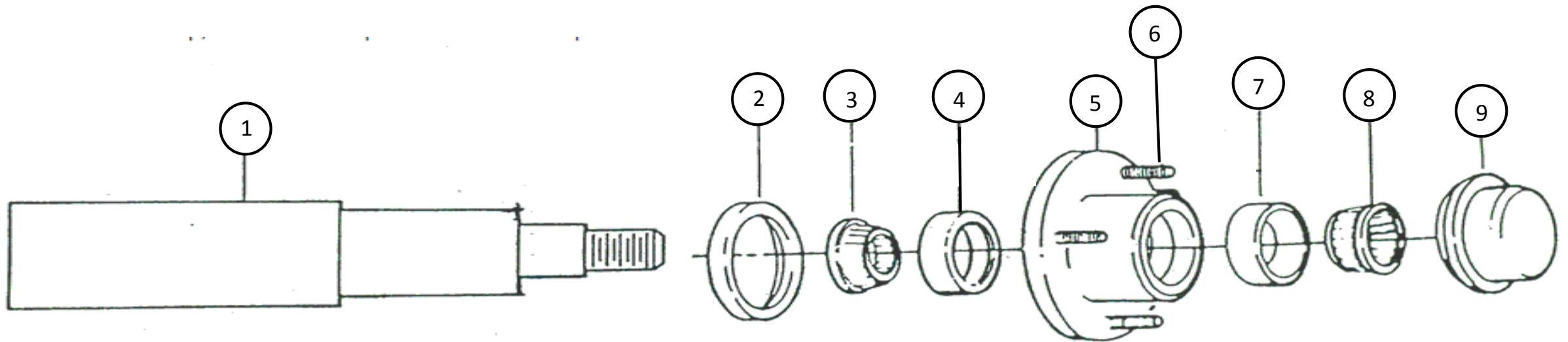
*71.P353610 SEAL KIT USED ON #15 CONVEYOR MOTOR P353600

WHEEL ASSEMBLY AND GROOMER DIAGRAM

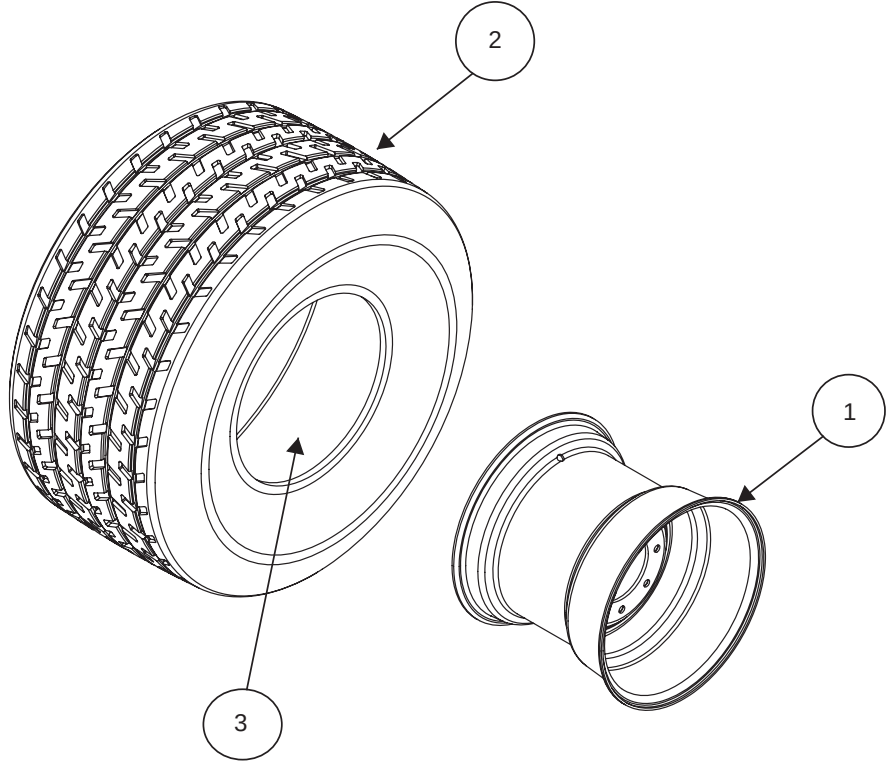


Rear hub assembly 4600

- 1) 71.P765300 Spindle 2.12
- 2) 71.P764404 Seal
- 3) 71.P764408 Bearing 1.796 ID / bore
- 4) 71.P764403 Race
- 5) 71.P764405 Bare hub only
- * 71.P764400 Complete hub – contains items #3, 4, 5, 7, 8
- 6) 71.P764406 Wheel bolt 9/16 x 1-3/4
- 7) 71.P764402 Race
- 8) 71.P764407 Bearing 1.375 ID / bore
- 9) 71.P764401 Dust cap



PART NO.
480070



COMPLETE TIRE / WHEEL ASSEMBLY P/N: 480070

3	1	P765502	TUBE: INNER
2	1	P765500	TIRE: 500/50-17 AW708
1	1	P765501	RIM: 16 X 17
ITEM	QTY.	PART NUMBER	DESCRIPTION



DRAWN BY LEM	UNLESS OTHERWISE NOTED		
DATE 1-8-09	TOLERANCES ON		
DO NOT SCALE	DECIMALS	FRACTIONS	ANGLES
	.XX±.060	±1/32	±1°
	.XXX±.030		
TITLE TIRE & RIM ASM: AW708		PART NO.	
		480070	

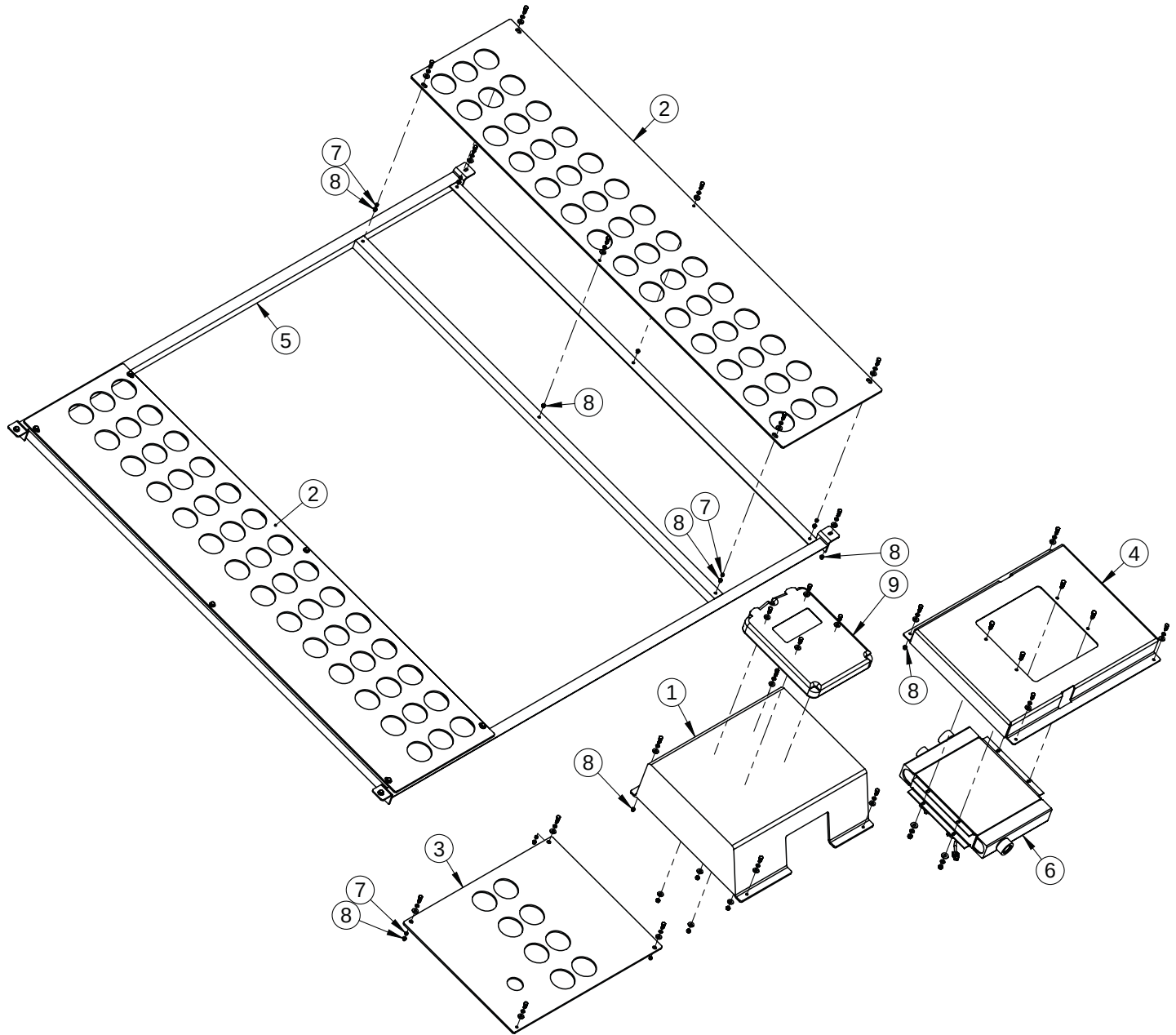
SHIELDS REFERENCE

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	470225	SHIELD, VALVE COVER
2	2	470228	SHIELD, CONVEYOR
3	1	480152	SHIELD: CONV RIGHT FRONT
4	1	480153	COOLER MT.
5	1	480151	FRAME, CONVEYOR COVER
6	1	P117300	COOLER, HYD OIL AKG DC16-12
7	11	P126900	METAL BRONZE BEARING 1/4 X 3/8
8	20	P160251	NUT, 1/4-20 KLIK NUT .08-.14
9	1	P999000	BOX, OWNERS MANUAL

* NOT PICTURED

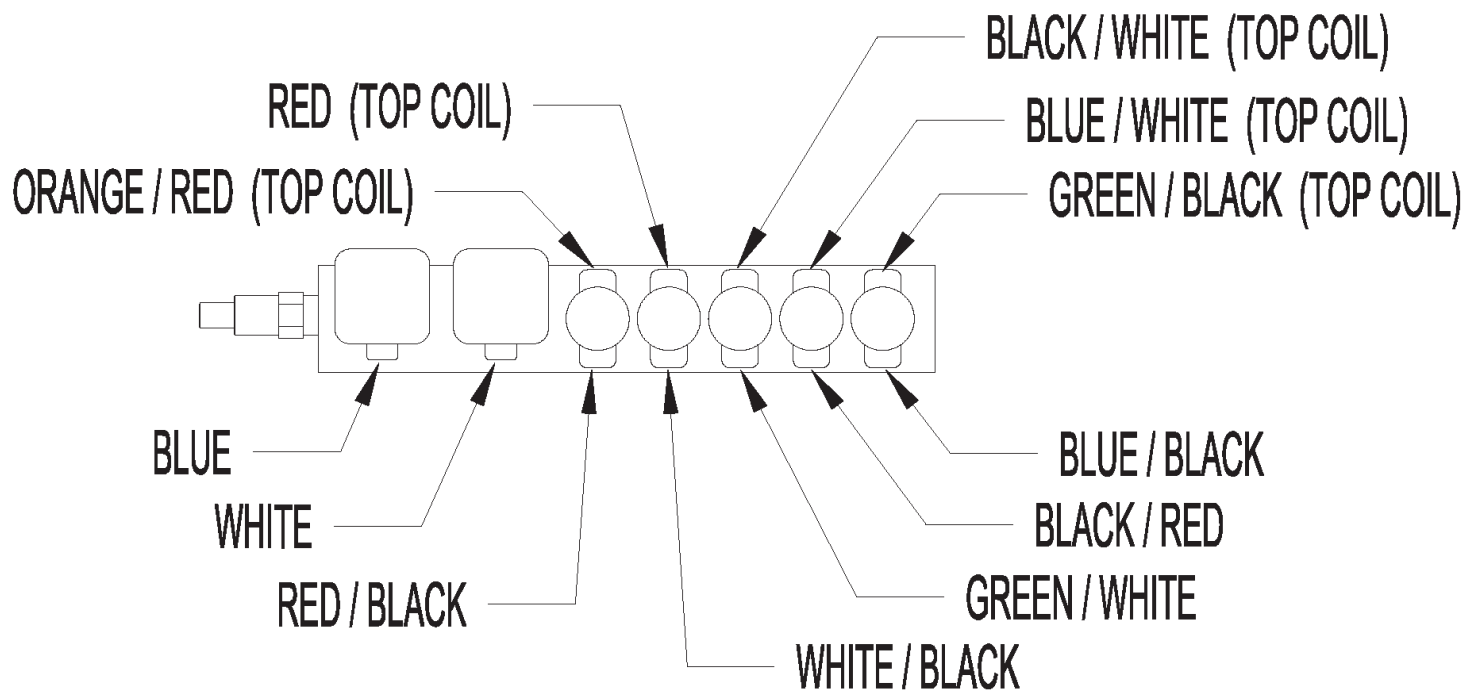
71.P117310 HYD COOLING FAN ONLY

SHIELDS DIAGRAM

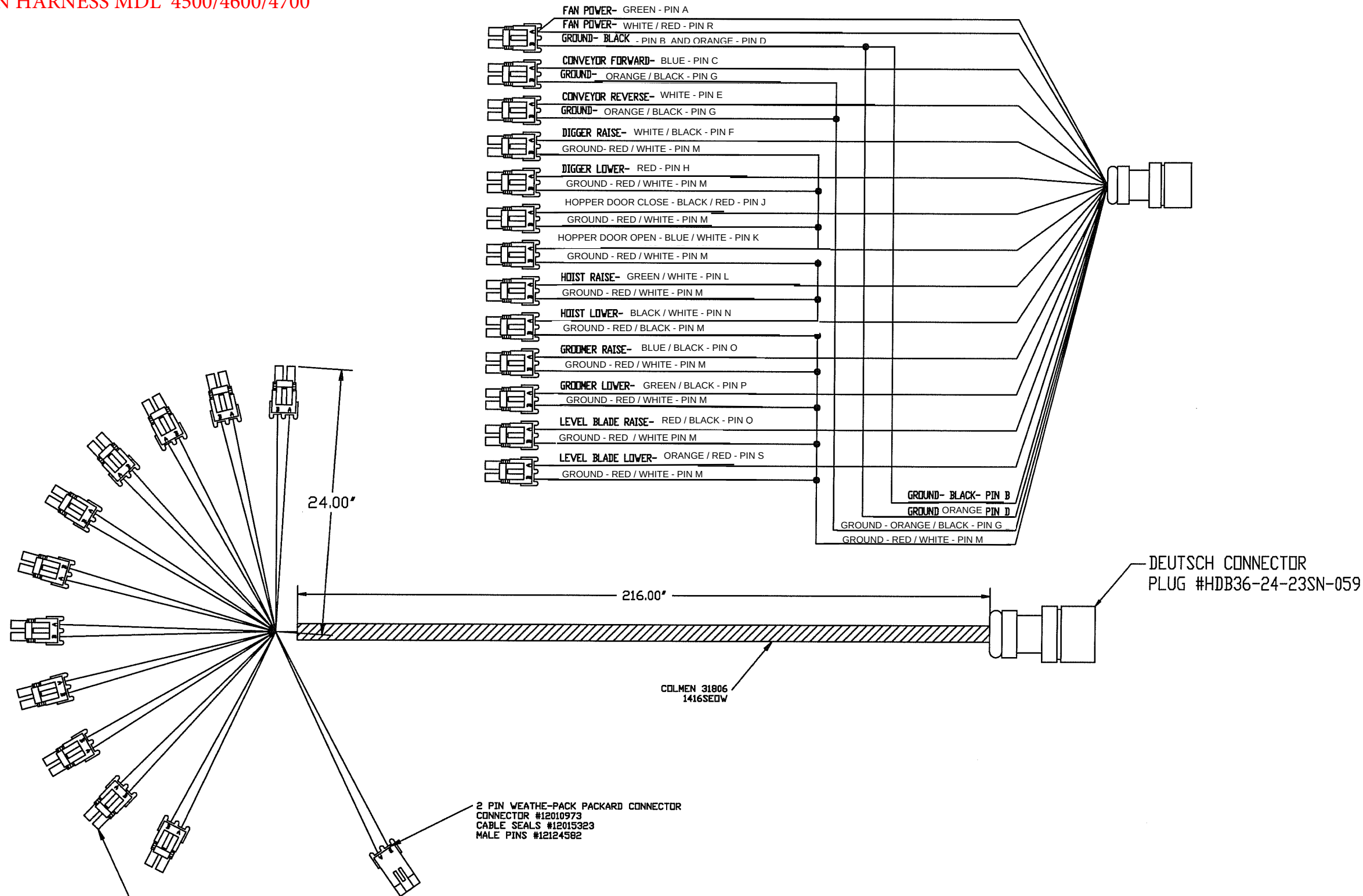


MANIFOLD WIRING DIAGRAM

MANIFOLD WIRING CONNECTIONS



CBC P/N: P292100 (EARLY VERSION)
MAIN HARNESS MDL 4500/4600/4700



A	JJF	10/25/07	ECN1730
X5	JRF	9/20/07	N/A
X4	JRF	9/10/07	N/A
3	JRF	5/20/05	N/A
2	JRF	12/17/04	N/A
1	JRF	12/16/04	N/A
REV.	BY	DATE	ECN

2 PIN DELPHI PACKARD 150 SERIES CONNECTOR
12 PLACES
CONNECTOR #12052641
CABLE SEALS #12048086
PINS #12048074
TPA #12052634

2 PIN WEATHE-PACK PACKARD CONNECTOR
CONNECTOR #12010973
CABLE SEALS #12015323
MALE PINS #12124582



Power Systems
Div. of H.E.B. Inc.
8325 Commerce Drive
Chanhassen, MN
55317

DWG
C
SIZE

TITLE
WIRE HARNESS ASSEMBLY

DRAWN
BY
JRF

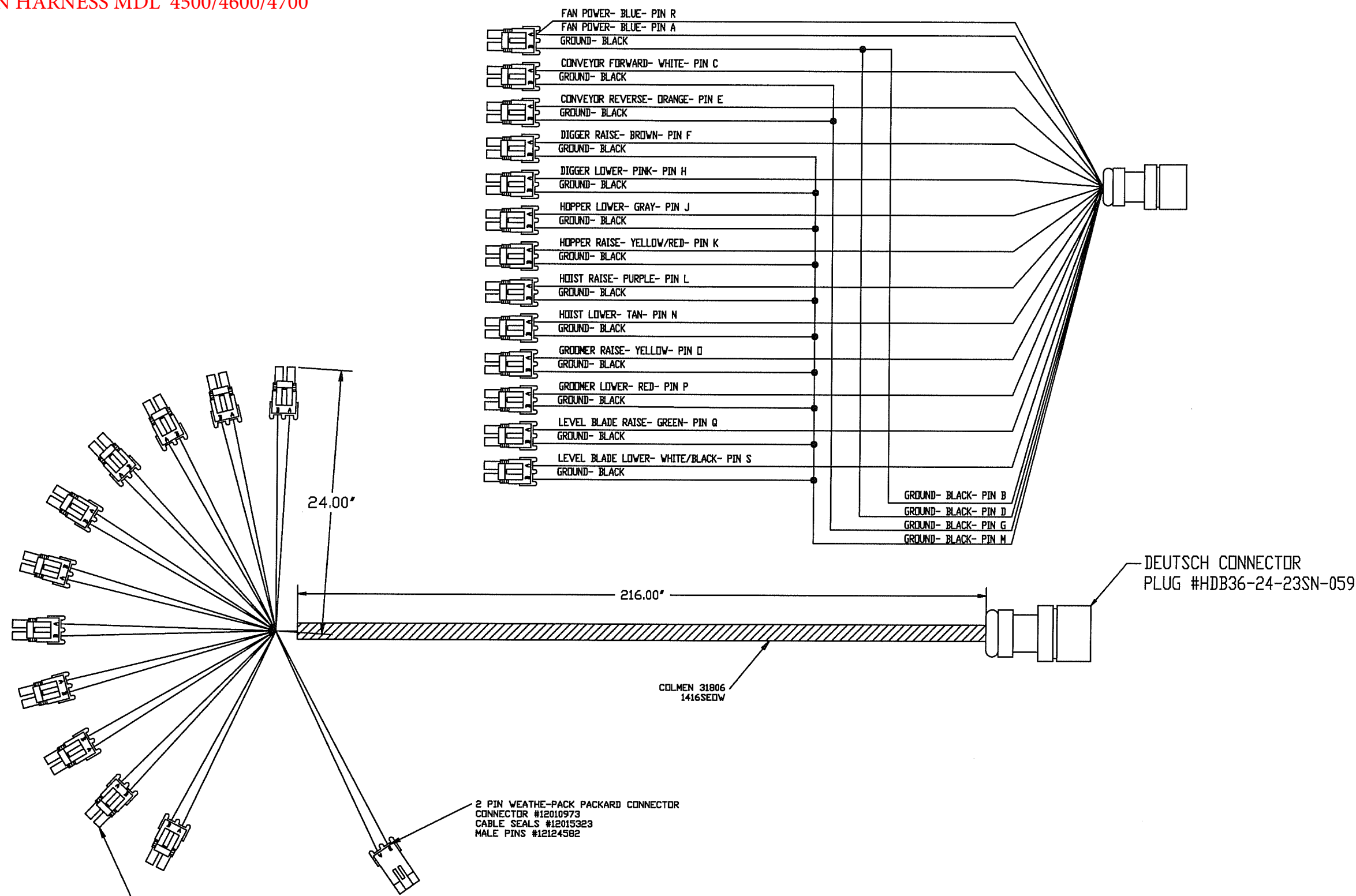
DATE
11/5/04

PAGE
1 OF 1

DRAWING NO.
EA1067-W1

REV.
A

CBC P/N: P292100 (LATER VERSION)
MAIN HARNESS MDL 4500/4600/4700



A	JJF	10/25/07	ECN1730
X5	JRF	9/20/07	N/A
X4	JRF	9/10/07	N/A
3	JRF	5/20/05	N/A
2	JRF	12/17/04	N/A
1	JRF	12/16/04	N/A
REV.	BY	DATE	ECN

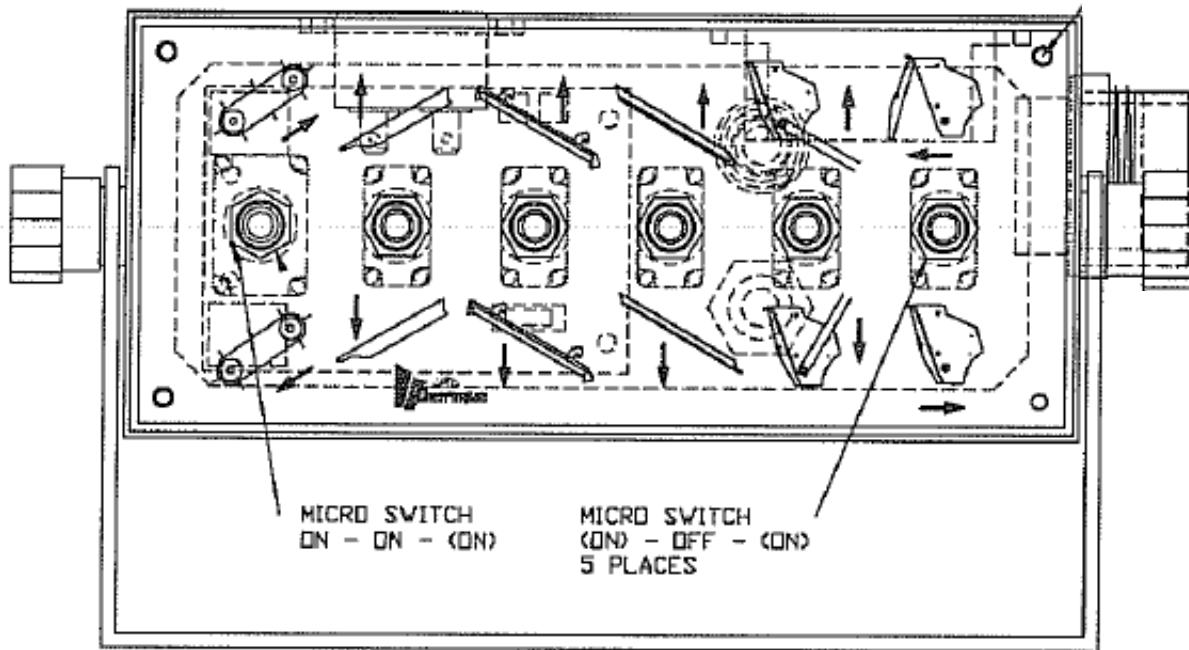
2 PIN DELPHI PACKARD 150 SERIES CONNECTOR
12 PLACES
CONNECTOR #12052641
CABLE SEALS #12048086
PINS #12048074
TPA #12052634



Power Systems
Div. of H.E.B. Inc.
8325 Commerce Drive
Chanhassen, MN
55317

DWG C	TITLE WIRE HARNESS ASSEMBLY			
SIZE	DRAWN BY JRF	DATE 11/5/04	PAGE 1 OF 1	DRAWING NO. EA1067-W1
				REV. A

CONTROL BOX - WIRING HARNESS



QTY.	P/N	DESCRIPTION
1	P292050	CONTROL BOX
1	P298180	CONVEYOR FWD. / REV. CONTROL SWITCH
5	P295009	FUNCTION CONTROL SWITCH
1	P295084	20 AMP GLASS FUSE *NOT SHOWN
1	470317	12 VOLT POWER SUPPLY CABLE *NOT SHOWN
1	P292100	MAIN WIRING HARNESS *NOT SHOWN

ROLLER ASSY REFERENCE

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	450222	MOTOR HSG, WELD
2	2	450230	MOTOR HYD MODIFIED 2000
3	1	480195	ROLLER WELD, DUAL DRIVE 4600
4	1	480196	FRAME, DUAL ROLLER 4600
5	10	M5009-5	3/16" X 1/2" X 1 3/4" WASHER
6	2	P100809	1/2 -13 X 2 1/4" HEX BOLT
7	6	P100815	1/2 -13 X 3 3/4" HEX BOLT
8	8	P101006	5/8 -11 X 1 1/2" HEX BOLT
9	2	P155800	5/8 -11 HEX JAM NUT
10	8	P155850	1/2 -13 TOP LOCK HEX NUT
11	4	P851108	1/2" LOCK WASHER
12	8	P851110	5/8" LOCK WASHER
13	2	P099012	5/8 -11 X 3" FULL THREAD HEX BOLT

ROLLER ASSY DIAGRAM

