

HITCH, LEVELING BLADE AND RESERVOIR REFERENCE

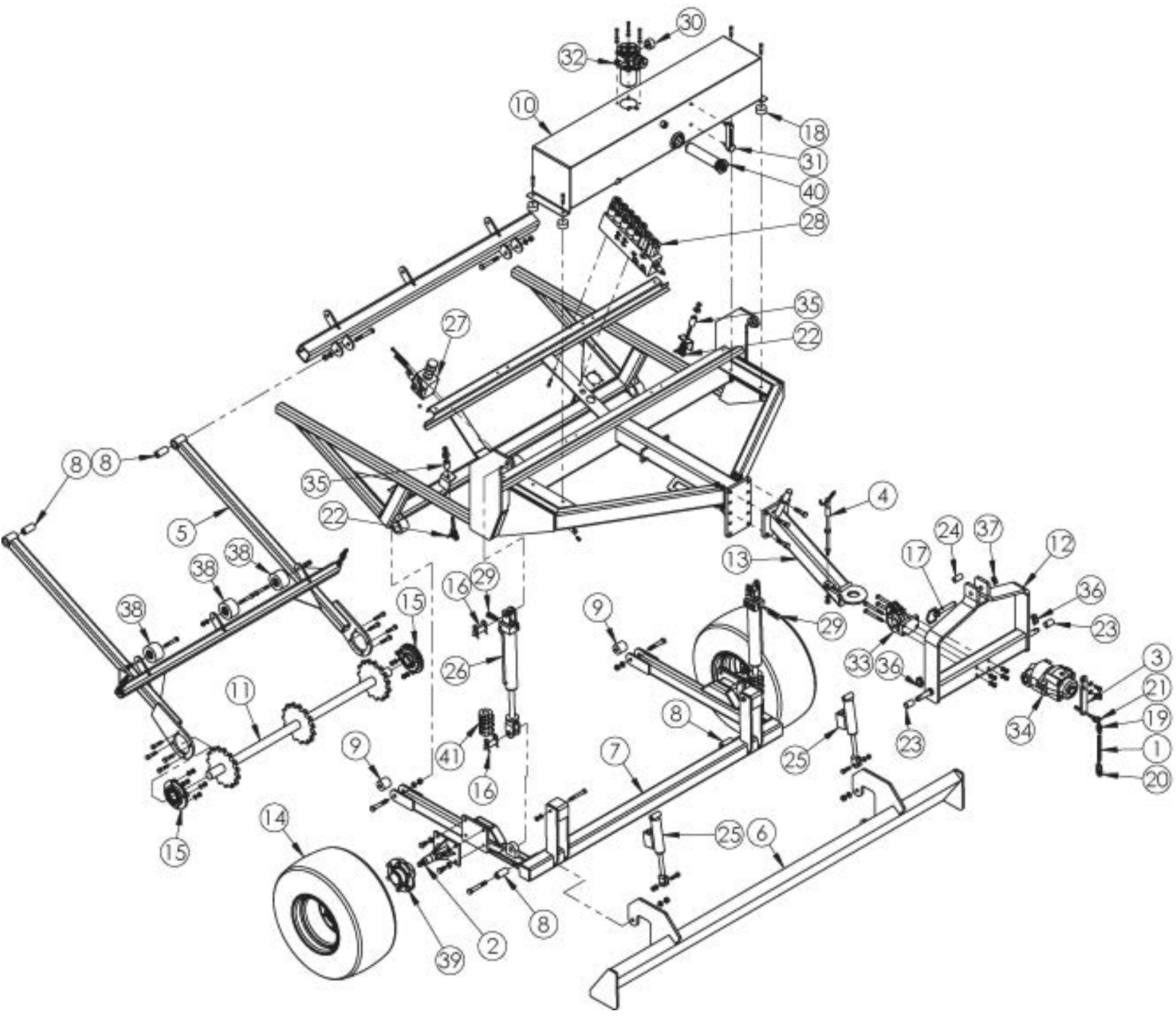
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	005123	CHAIN, TOQUE ARM
2	2	005201	AXLE WLD, GAUGE WHEEL
3	1	005231	TORQUE ARM, EATON PTO
4	1	005313	HOSE LOOP ASSY, SLIDER
5	1	450067	CONVEYOR SUPPORT
6	1	450069	LEVELING BLADE WLD
7	1	450073	GAUGE WHEEL FRAME
8	4	450098	BUSHING, NYL 1.25 X .625 X 2.688
9	2	450112	BUSHING, NYL 2 X .625 X 2
10	1	450159	HYD RESERVOIR 4500
11	1	450178	SHAFT, FRONT CONV ASM 4500
12	1	450197	3 POINT ADAPTER, CAT1
13	1	470132	HITCH WELD, BOLT ON PINTLE
14	2	470152	WHEEL ASSY, 26 X 12-12
15 *	2	P003175	BEARING, IPTCI UCFCX09-28 FLANGE *
16	4	P120850	CLEVIS PIN: 1"
17	1	P121100	PIN: HITCH, 3/4 #71031C
18	4	P133035	RUBBER SPACER 2" X 1"
19	1	P135004	QUICK LINK, 1/4"
20	1	P135005	QUICK LINK, 5/16"
21	1	P135102	EYE BOLT: 3/8-16 X 1-1/4 FORGED
22	2	P135165	JAW END: 1/2-13 X 9
23	2	P135800	BUSHING: LIFT ARM REDUCER, CAT 1-2
24	1	P135801	BUSHING: TOP LINK REDUCER, CAT 1-2
25	2	P259160	CYL, 1-1/2B X 4S W/CAV CH
26	2	P259305	CYL, 2B X 10S W/CAV CH
27	1	P292300	VALVE: PS-VA08-0107-REVA
28	1	P292400	VALVE: VA04-0699-1
29	2	P294250	VALVE, PILOT CHECK CARTRIDGE CKCB-XFN
30	1	P297170	GAUGE, IND LP C1-20
31	1	P297220	GAUGE: OIL SIGHT
32 *	1	P371840	FILTER: MPT1042CAG8A10HBT COMPLETE FILTER HOUSING ASSY.
33	1	P466100	PINTLE HOOK 15 TON
34	1	P556600	PUMP, EATON PTO #77022-LAH
35	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
36	2	P622603	PIN, LYNCH 7/16 X 1-1/4
37	1	P622604	PIN, LYNCH 3/16 X 1-1/4
38	3	P761100	SNUGULATOR 2500BD1X
39	2	P764300	HUB ASSEMBLY, 6 BOLT
40	1	P780100	STRAINER, HYD OIL
41	2	P781000	STROKE CONT SET

* 71.P371841 REPLACEMENT HYDRAULIC FILTER ONLY

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

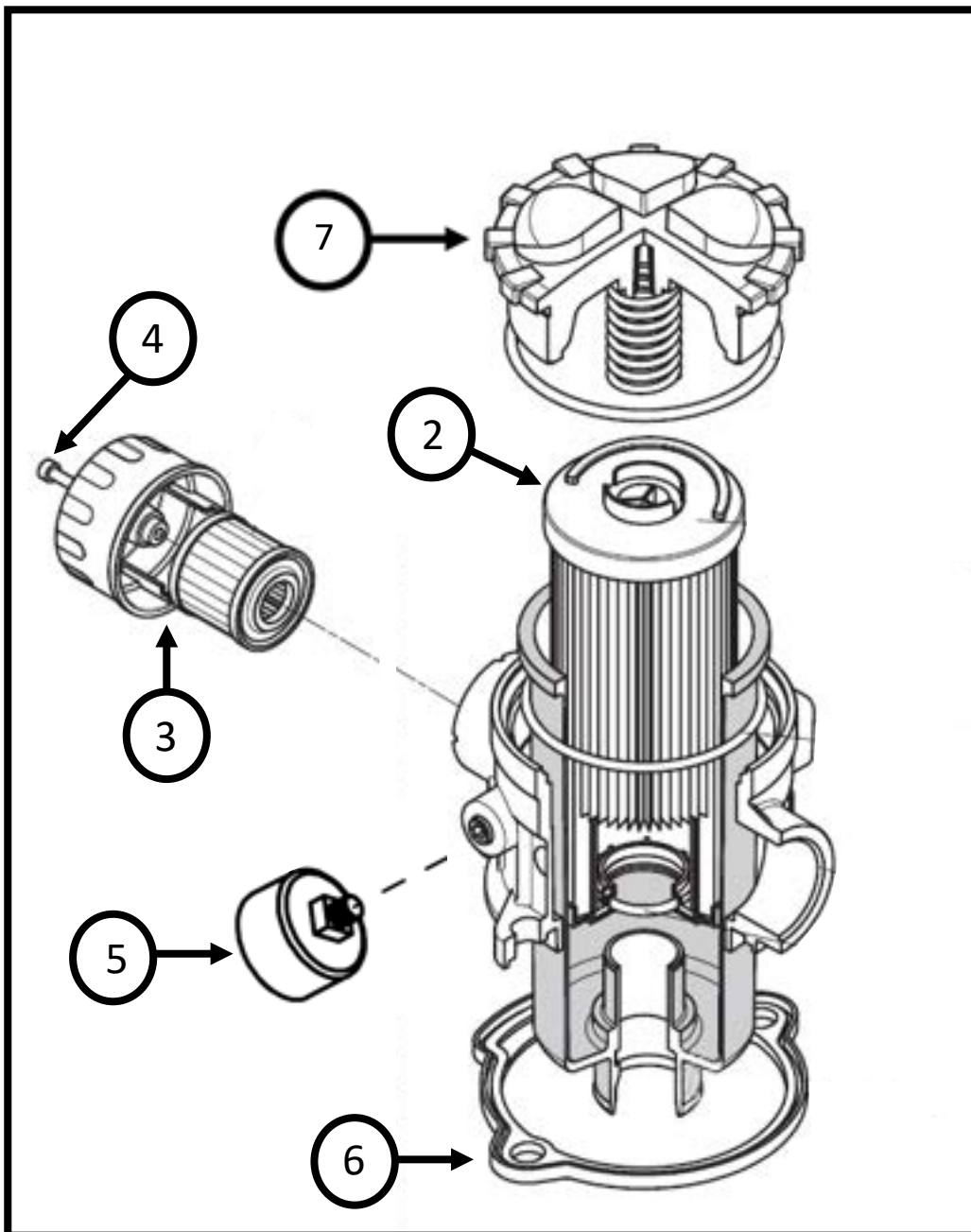
#NOTE CONVEYOR CHAIN / SHAFT ASSEMBLIES MAY HAVE BEEN CONVERTED TO #100 TYPE
 CONVERTED UNITS WILL HAVE QTY 2 CONVEYOR CHAINS SEE ADDITIONAL PAGES FOR #100 ITEMS

HITCH, LEVELING BLADE, AND RESERVOIR DIAGRAM



HYDRAULIC FILTER HOUSING

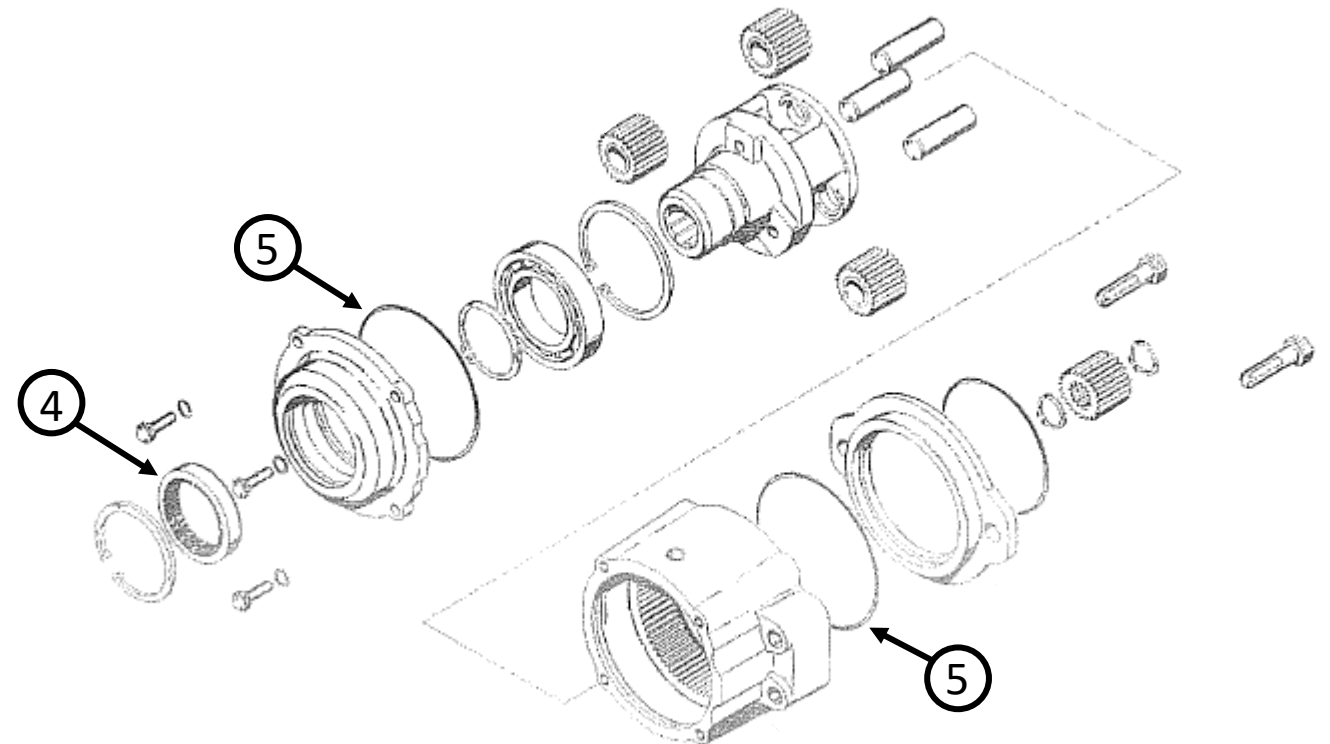
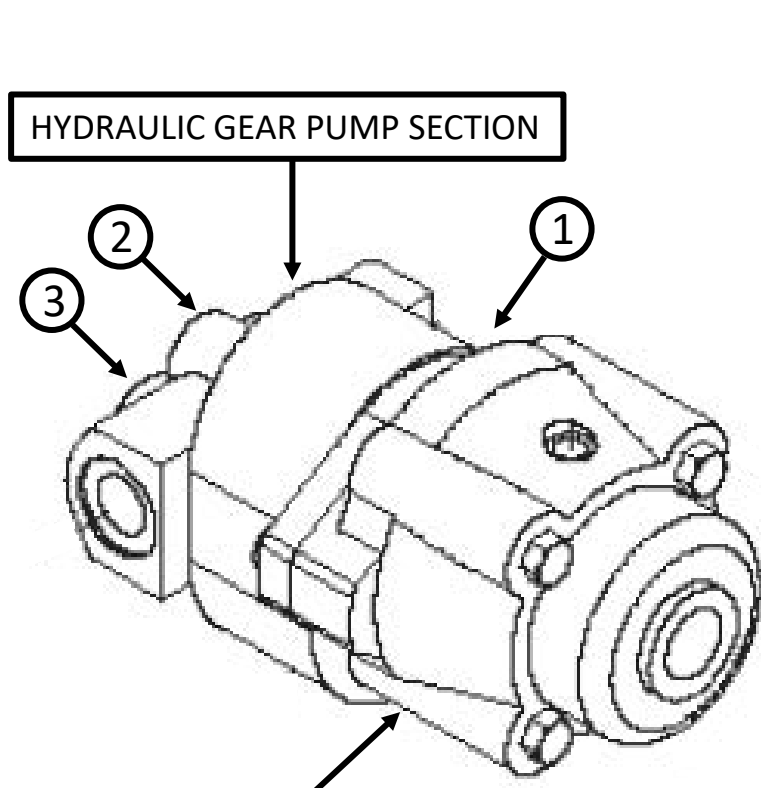
- 1) 71.P371840 Complete filter housing: includes base gasket and 10-micron filter element
- 2) 71.P371841 Filter element 10-micron
- 3) 71.P371842 Breather filter element / housing
- 4) 71.P110160 Mounting screw M4 - .7 X 25 mm socket head cap screw
- 5) 71.P297170 Filter indicator gauge
- 6) 71.P371839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



PLANETARY GEARBOX DRIVE SECTION

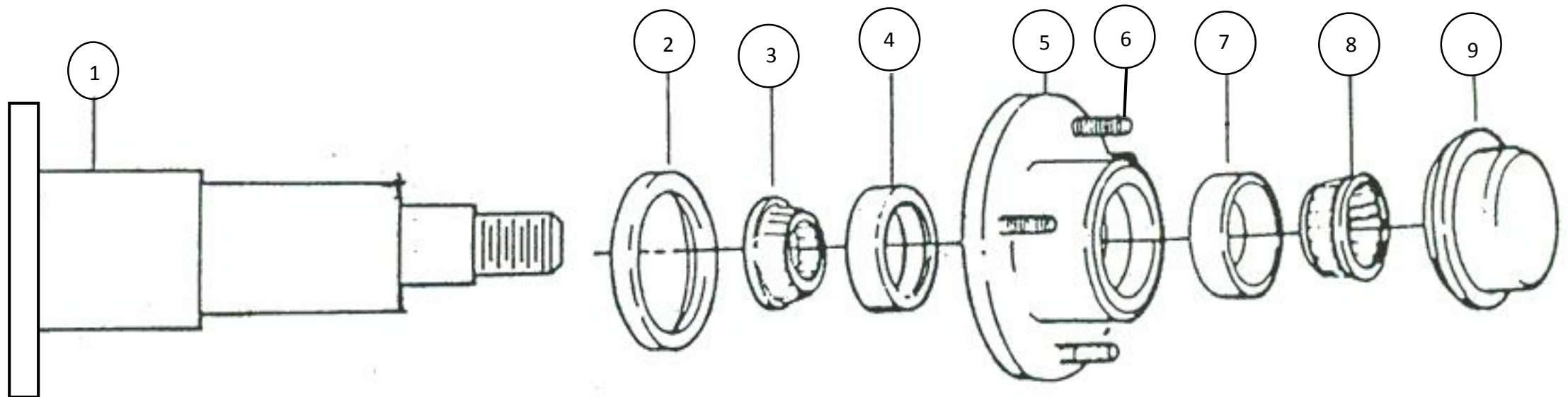
PLANETARY GEARBOX DRIVE EXPLODED VIEW

FRONT HUB ASSEMBLY MODEL 4500

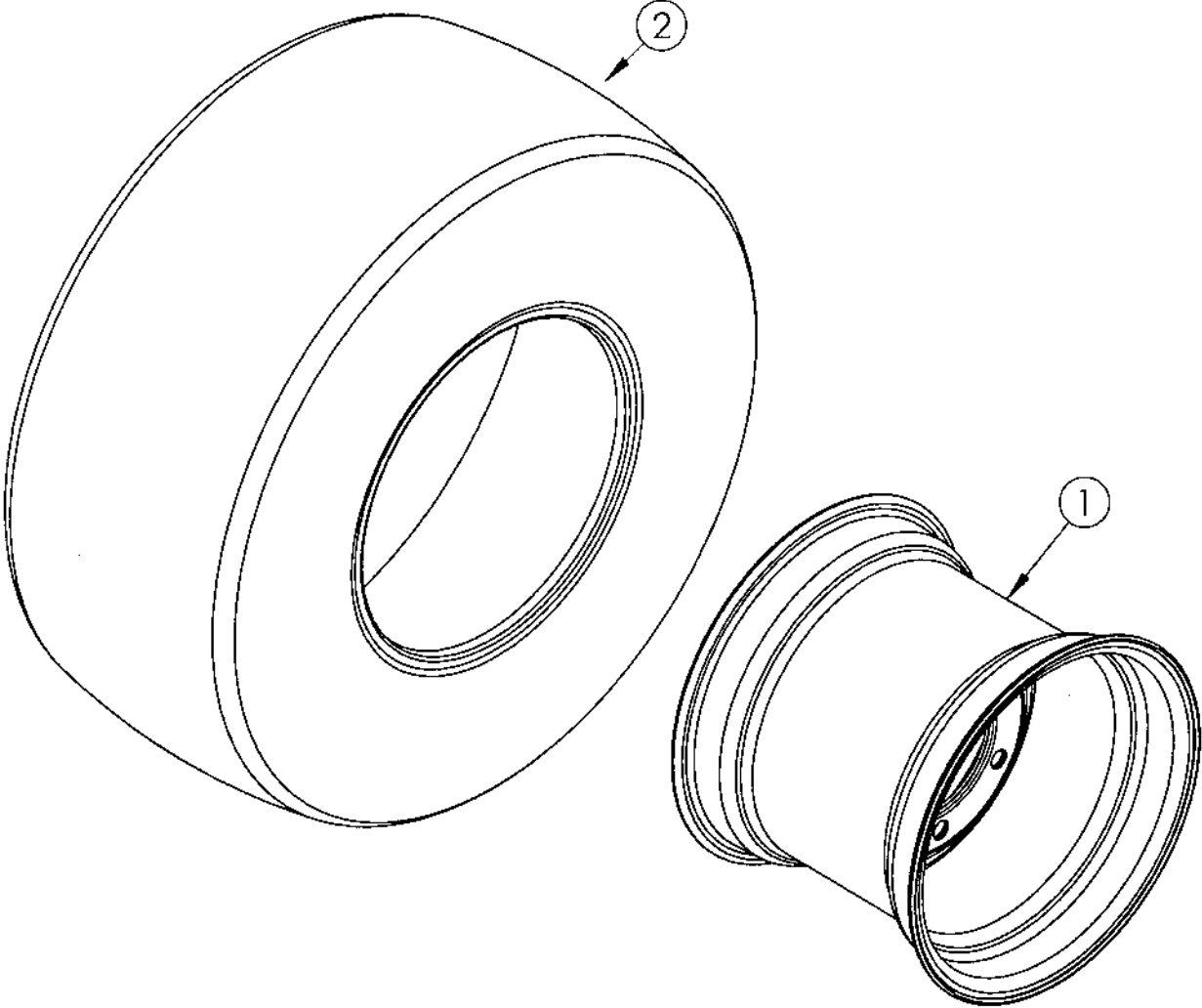
- 1) 71.005201 AXLE WELD: GAUGE WHEEL
- 2) 71.P764302 HUB SEAL MFG. / SKF P/N: 16284
- 3) 71.P764303 INNER CONE / BEARING PEER P/N: LM29749
- 4) 71.P764304 INNER CUP / RACE PEER P/N: LM29710
- 5) 71.P764300 COMPLETE HUB ASSEMBLY (CONTAINS ITEM# 2 THRU 9 EXCEPT FOR #6)
- * 71.P764305 HUB ONLY: 6 BOLT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



PART NO.
470152



P/N: 470152 FRONT TIRE ASSEMBLY

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

		P.O. BOX 2135 JAMESTOWN, ND 58402		
DRAWN BY LEM	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED		
DATE 11-9-07	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	TOLERANCES ON		
DO NOT SCALE		DECIMALS	FRACTIONS	ANGLES
		.XX±.060	±1/32	±1°
		.XXX±.030		
TITLE WHEEL ASSY, 26 X 12-12		PART NO.		
		470152		

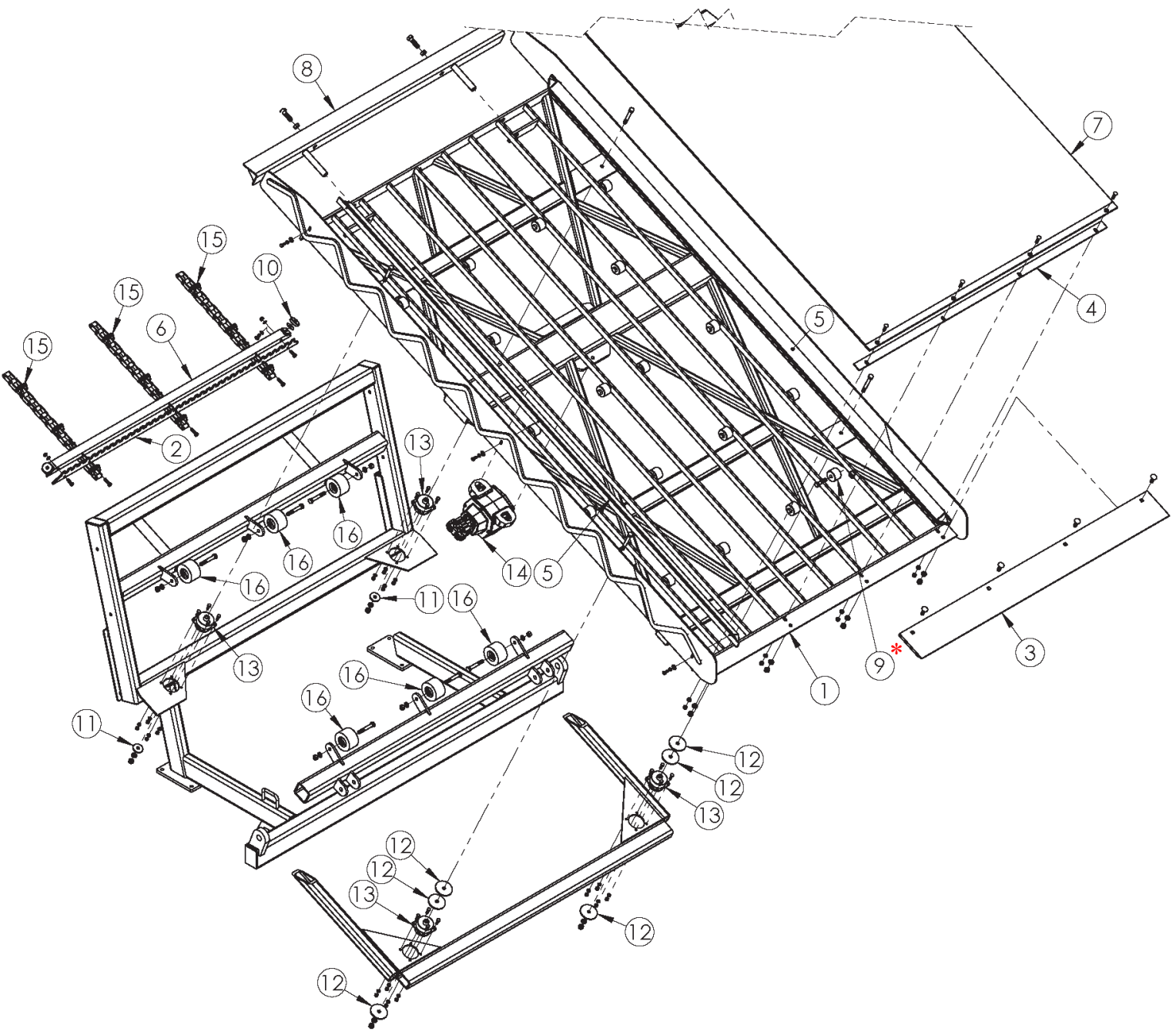
SCREEN FRAME PARTS REFERENCE

<u>Item</u>	<u>Qty</u>	<u>Part ID</u>	<u>Description</u>
1	1	450014	SCREEN FRAME ASM HA4
2	1	450022	FLIGHT BLADE 4500
3	1	450064	CUTTING EDGE 4500
4	1	450086	SPACER: FRONT SCREEN LIP
5	2	450090	GLIDE RAIL: 4500
6	1	450099	FLIGHT ANGLE, 35°
7	1	450102	WELDMENT: SCREEN 3/4 X 60"
8	1	450154	WELDMENT: SCREEN TENSIONER
9	18	450174	RISER: SCREEN *mounting bolt 71.P100808 1/2-13 X 2 hex bolt
10	2	470130	FLIGHT PUCK
11	2	M5009-5	WASHER: 3/16" X 1/2" ID X 1-3/4" OD
12	8	M6223	WASHER: 3/16" X 1/2" ID X 3" OD
13	4	P133065	ISOLATOR: SQ HEAVY DUTY PLATFORM
14 *	1	P358100	VIBRATOR: HYDRAULIC HA4-3300
15	3	P632400	CHAIN: CA620-135-C21-28-3 D/OFF-1 CO (HITACHI)
15a		P632421	CHAIN: ATTACHMENT LINK
15b		P632422	CHAIN: OFFSET LINK
15c		P632423	CHAIN: CONNECTOR LINK
16	6	P761100	SNUGULATOR: 2500BD1X

*Note conveyor chain / flights / shafts may have been converted to #100 type
 #100 converted units will have QTY 2 conveyor chain
 For replacement #100 items see information in section #8 -#100 conversion items

* #14 SHAKER / VIBRATOR ADDITIONAL ITEMS
 71.P358105 HYDRAULIC MOTOR SHAFT SEAL
 71.P358106 HYDRAULIC DRIVE MOTOR
 71.P358108 DRIVE COUPLING ASSEMBLY

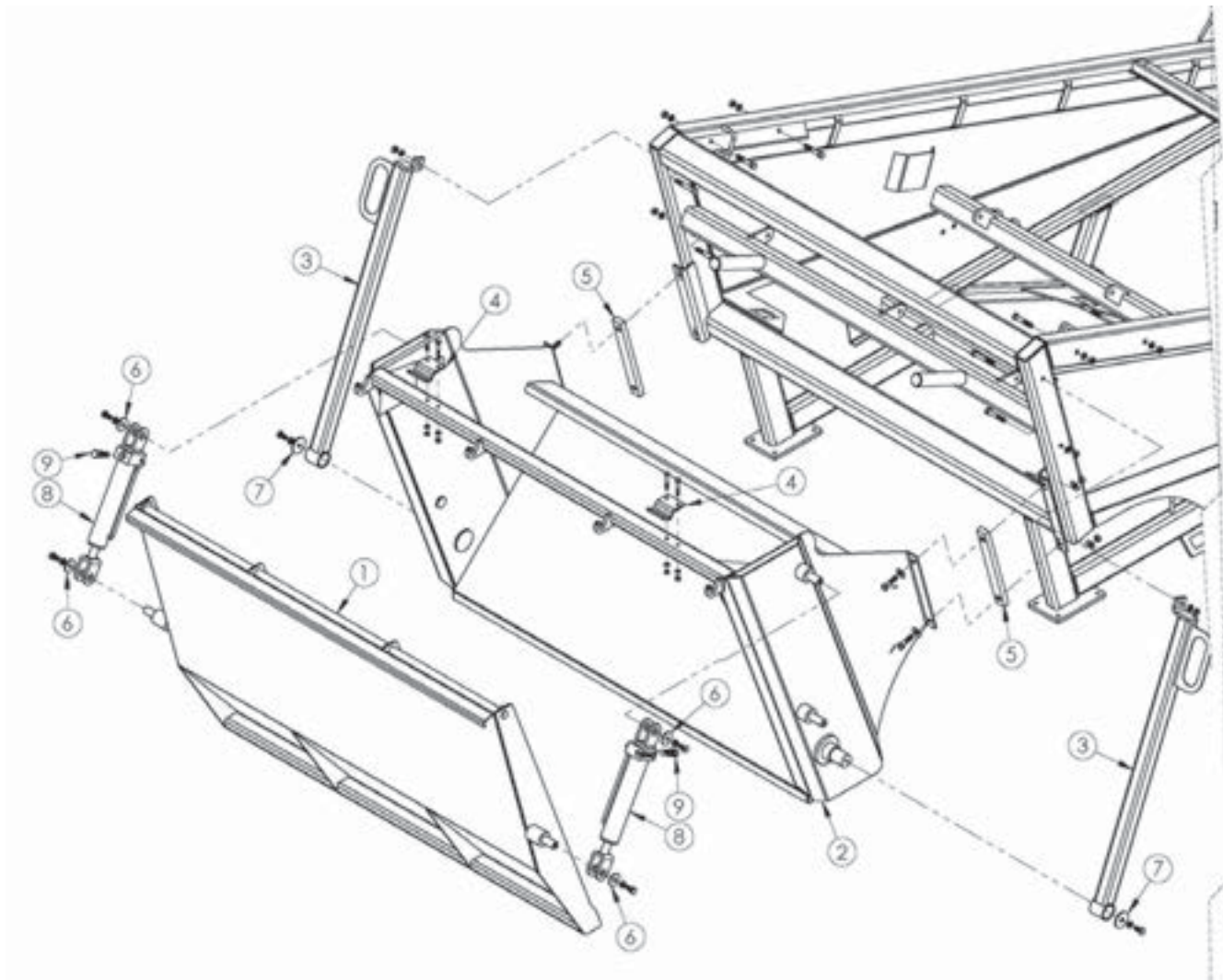
SCREEN FRAME DIAGRAM



GROUND DUMP (MODEL 4500) REFERENCE

<u>Item</u>	<u>Qty</u>	<u>Part ID</u>	<u>Description</u>
1	1	450065	HOPPER DOOR WLD
2	1	450066	HOPPER BASE WLD
3	2	450103	HOPPER SUPPORT
4	2	450149	HOPPER LOCK
5	2	450187	SPACER, HOPPER BASE
6	4	M5009-5	WASHER: 3/16" X 1/2" X 1-3/4"
7	2	M5462	WASHER: 3/16 X 1/2 ID X 2-1/4 OD
8	2	P259330	CYLINDER: 2B X 8S W/CAV CH
9	2	P294250	VALVE: PILOT CHECK CARTRIDGE CKCB-XFN

GROUND DUMP (MODEL 4500) DIAGRAM

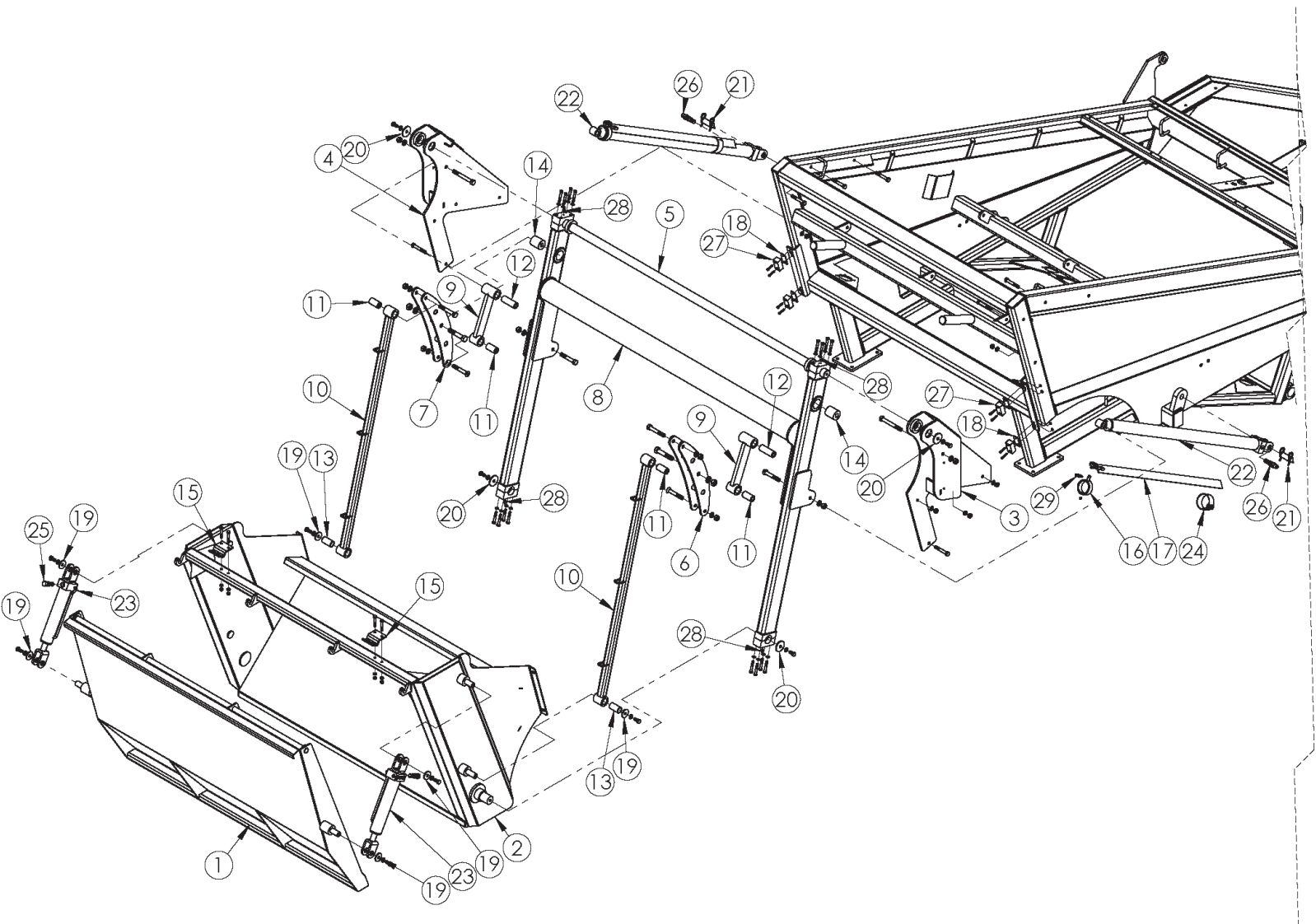


HIGH LIFT (MODEL 4500XL) REFERENCE

<u>Item</u>	<u>Qty</u>	<u>Part ID</u>	<u>Description</u>
1	1	450065	HOPPER DOOR WLD
2	1	450066	HOPPER BASE WLD
3	1	450114	MOUNT: HIGH LIFT RH
4	1	450115	MOUNT: HIGH LIFT LH
5	1	450116	PIVOT: HIGH LIFT STABILIZER
6	1	450117	SCISSOR ARM WLD RH
7	1	450118	SCISSOR ARM WLD LH
8	1	450119	BOOM WLD 4500
9	2	450120	LINK: SCISSOR ACTION BASE
10	2	450121	LINK: SCISSOR ACTION PARALLEL
11	4	450138	BUSHING: NYL 1.25 X .625 X 2.312
12	2	450139	BUSHING: NYL 1.25 X .625 X 3.5
13	2	450140	BUSHING: NYL 1.25 X 1 X 2.312
14	2	450141	BUSHING: NYL 2 X .75 X 2.312
15	2	450149	LOCK: HOPPER
16	2	450193	RETAINER: PROP BAR
17	2	450194	SAFETY PROP BAR ASSM
18	4	M30079	SPACER: BUMPER
19	6	M5009-5	WASHER: 3/16" X 1/2" X 1-3/4"
20	4	M5462	WASHER: 3/16 X 1/2 ID X 2-1/4 OD
21	2	P120850	PIN: CLEVIS, 1"
22	2	P259315	CYLINDER: 2B X 42S W/CAV CH
23	2	P259330	CYLINDER: 2B X 8S W/CAV CH
24	2	P259999	STRAP: 12" STD DUTY CINCH
25	2	P294250	VALVE: PILOT CHECK CARTRIDGE CKCB-XFN
26	2	P294260	VALVE: COUNTERBALANCE CHECK CBCG-LJN
27	4	P605000	SPRING BUMPER
28	4	P620200	FITTING: GREASE, 1/4-28 STR
29	2	P622604	PIN: LYNCH 3/16" X 1-1/4



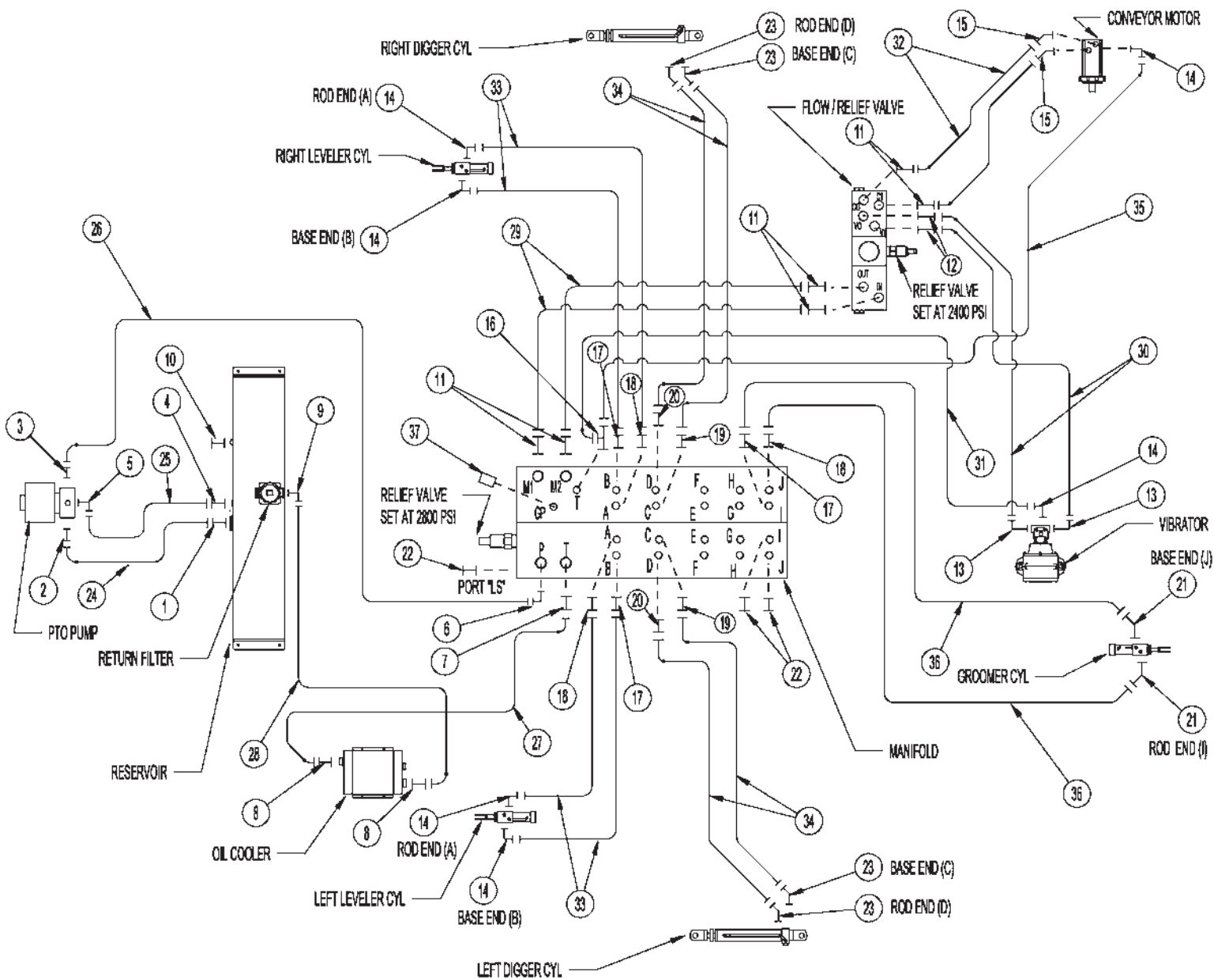
HIGH LIFT (MODEL 4500XL) DIAGRAM

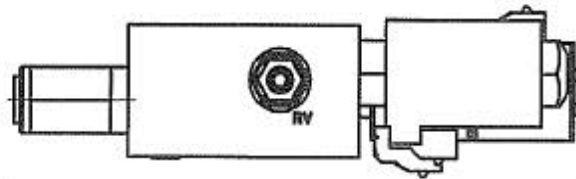
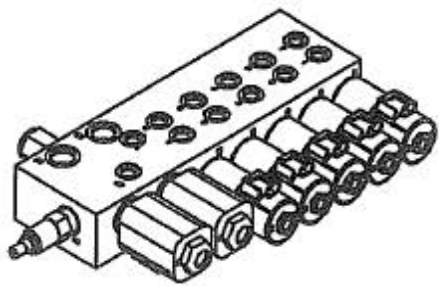


HYDRAULICS REFERENCE

<u>Item</u>	<u>Qty</u>	<u>Part ID</u>	<u>Description</u>
1	1	P277185	FITTING: 20 MJ 20MP
2	1	P277190	FITTING: 20 MJ 20MB
3	1	P276458	FITTING: 10MJ 12MB
4	1	P276110	FITTING: 6MJ 8MB
5	1	P261350	FITTING: 6MJ 6MB 90 ELBOW
6	1	P276202	FITTING: 10MJ 10MB 90 ELBOW
7	1	P276440	FITTING: 12MJ 10MB
8	2	P277100	FITTING: 12MJ 16MB
9	1	P277106	FITTING: 12MJ 16MB 90 ELBOW
10	1	P278005	FITTING: 8MB PLUG
11	6	P276200	FITTING: 10MJ 10MB
12	2	P276430	FITTING: 8MJ 10MB
13	2	P261553	FITTING: 8MJ 8MB 90 LONG ELBOW
14	6	P261400	FITTING: 4MJ 4MB 90 ELBOW
15	2	P276201	FITTING: 10MJ 10MB 45 ELBOW
16	1	P265425	FITTING: 6MB 4MJ 4MJ TEE
17	3	P261452	FITTING: 4MJ 6MB
18	3	P276115	FITTING: 4MJ 6MB W/.035 ORIFACE
19	2	P276103	FITTING: 6MJ 6MB W/.062 ORIFACE
20	2	P276101	FITTING: 6MJ 6MB
21	2	P261420	FITTING: 4MJ 4MB 45 ELBOW
22	3	P270906	FITTING: 6MB PLUG
23	4	P261525	FITTING: 6MJ 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	P286033	HOSE: 12 X 33" 12FJ45 12FJ90 (180°)
28	1	P286049	HOSE: 12 X 49" 12FJ 12FJ90
29	2	P285023	HOSE: 10 X 23" 10FJ 10FJ
30	2	P284114	HOSE: 8 X 114" 8FJ 8FJ45
31	1	P282140	HOSE: 4 X 140" 4FJ 4FJ90
32	2	P285126	HOSE: 10 X 126" 10FJ 10FJ45
33	4	P282056	HOSE: 4 X 56" 4FJ 4FJ90
34	4	P283046	HOSE: 6 X 46" 6FJ 6FJ90 LONG
35	1	P282158	HOSE: 4 X 158" 4FJ 4FJ45
36	2	P282169	HOSE: 4 X 169" 4FJ 4FJ
37	1	P276290	NIPPLE DIAGNOSTIC

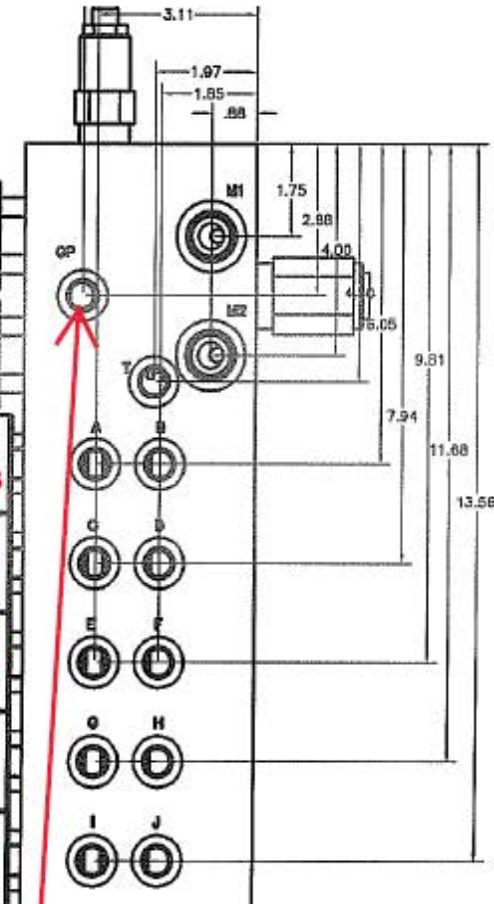
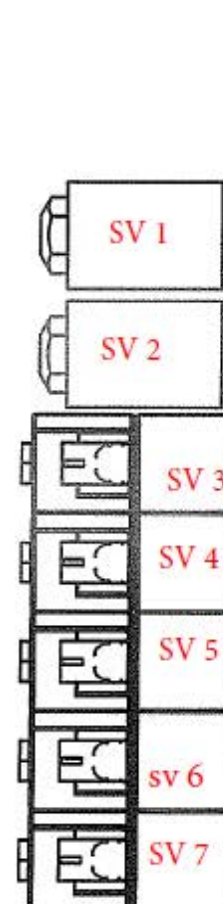
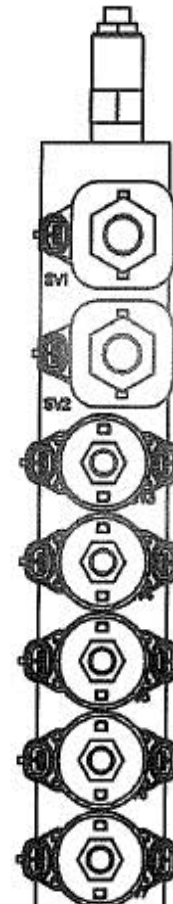
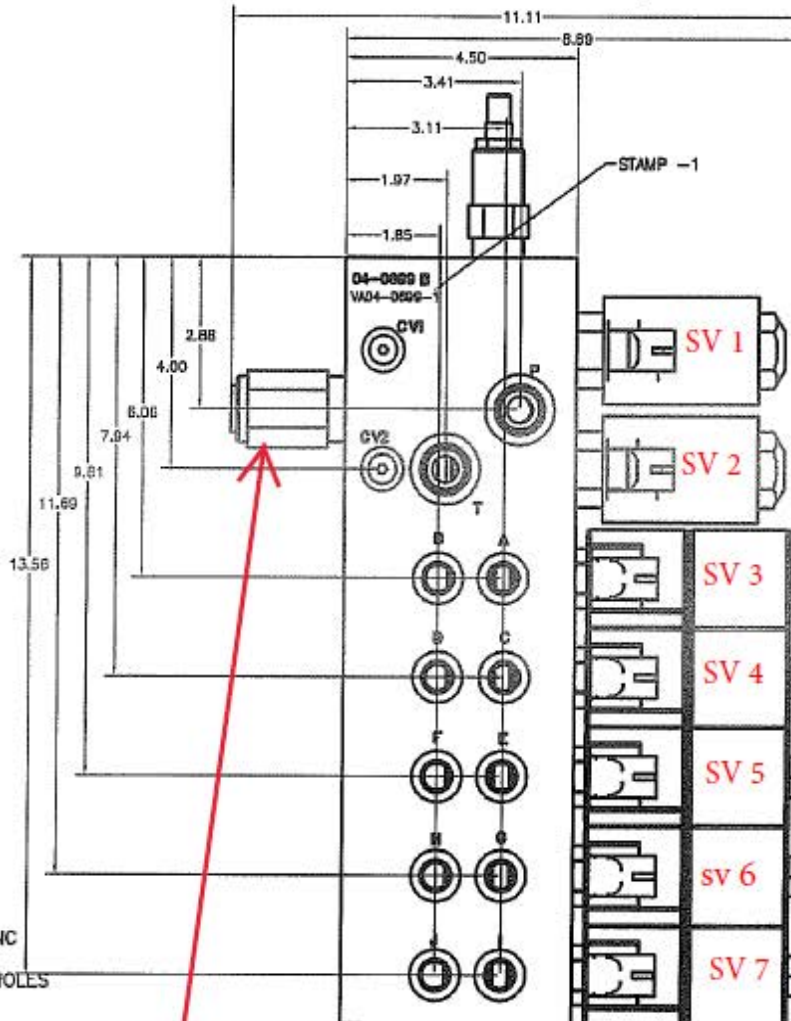
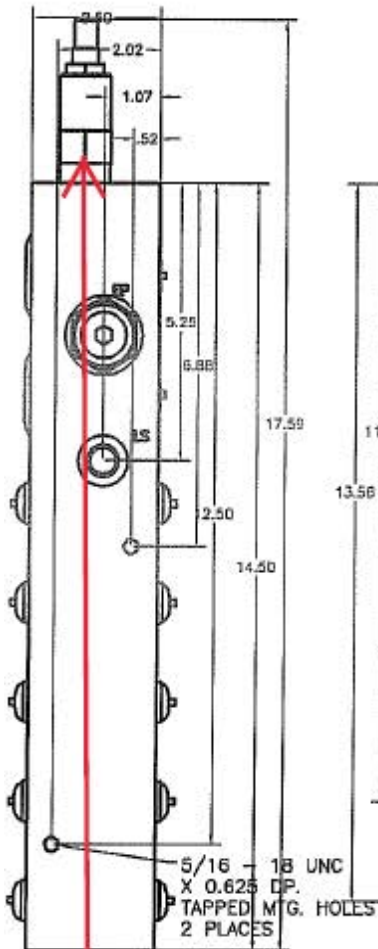
HYDRAULICS DIAGRAM





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)

PRESSURE RELIEF VALVE
 (ADJUST TO 2800 PSI)

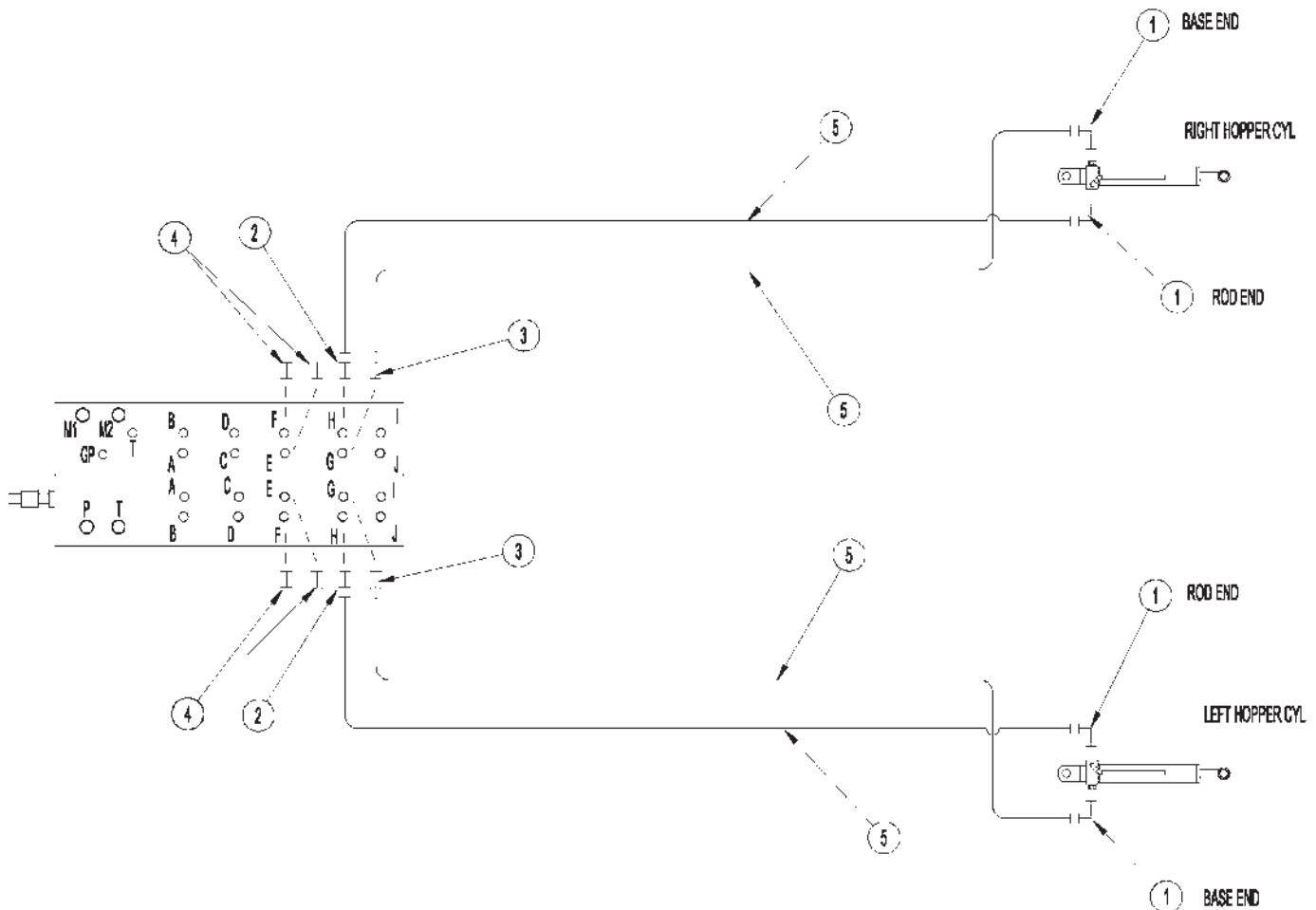
PORT LOCATIONS:
 SV1 / SV2 - M1,M2-CONVEYOR, FORWARD/REVERSE
 SV3 - A+B-LEVEL BLADE, RAISE/LOWER
 SV4 - C+D-DIGGER LIFT, RAISE/LOWER
 SV5 - E+F-HOPPER LIFT, RAISE/LOWER
 SV6 - G+H-HOPPER DUMP, OPEN/CLOSE
 SV7 - I+J-GROOMER, RAISE/LOWER

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

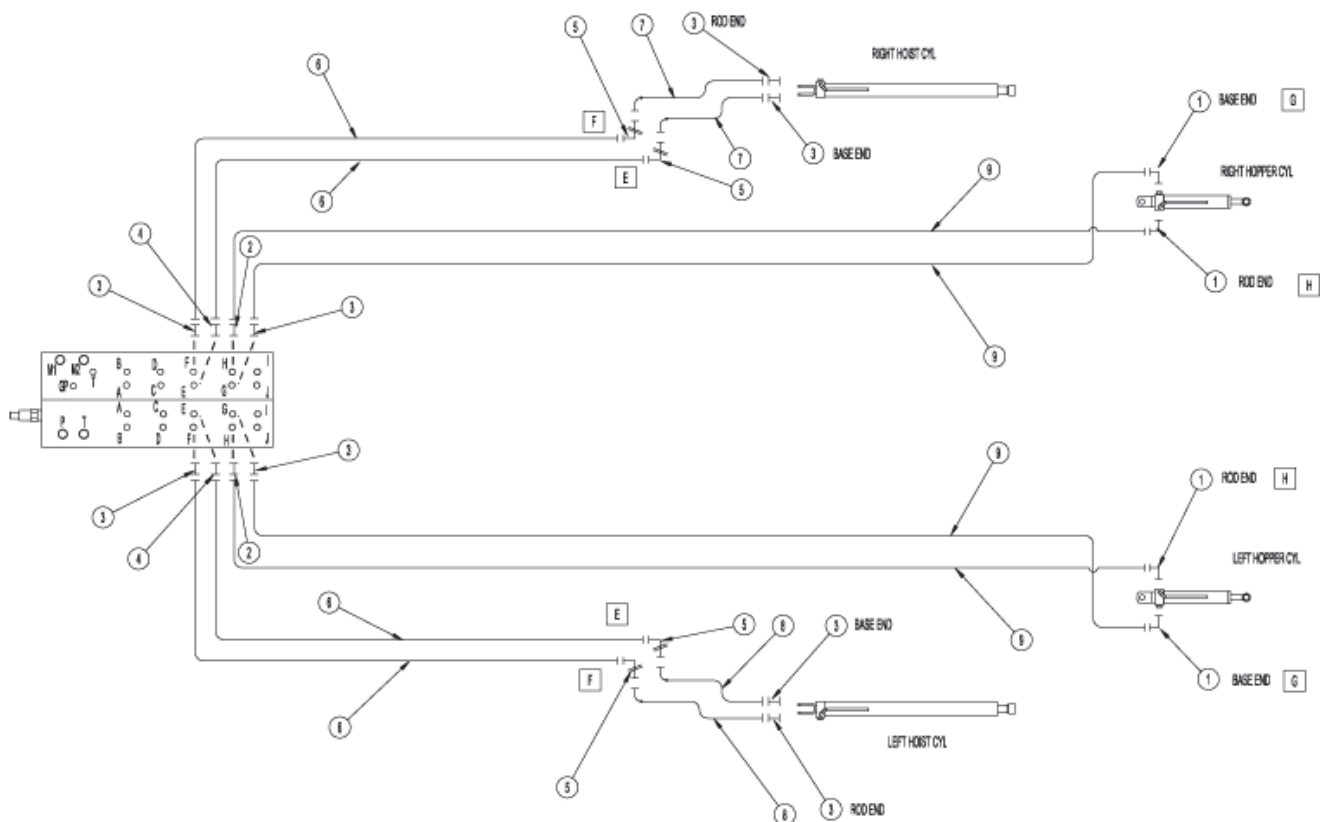
GROUND DUMP (4500) HYDRAULICS DIAGRAM

Item	Qty	Part ID	Description
1	4	P261350	FITTING: 6MJ 6MB 90 ELBOW
2	2	P276103	FITTING: 6MJ 6MB W/.062 ORIFACE
3	2	P276101	FITTING: 6MJ 6MB
4	4	P270906	FITTING: 6MB PLUG
5	4	P283180	HOSE: 6 X 180" 6FJ 6FJ



HIGH LIFT (4500XL) HYDRAULICS DIAGRAM

Item	Qty	Part ID	Description
1	4	P261350	FITTING: 6MJ 6MB 90 ELBOW
2	2	P276103	FITTING: 6MJ 6MB W/.062 ORIFACE
3	8	P276101	FITTING: 6MJ 6MB
4	2	P276104	FITTING: 6MJ 6MB W/.110 ORIFACE
5	4	P265410	FITTING: 6MJ 6MJ BULKHEAD 90 ELBOW
6	4	P283130	HOSE: 6 X 130" 6FJ 6FJ
7	2	P283518	HOSE: 6 X 18" 6FJ 6FJ90
8	2	P283026	HOSE: 6 X 26" 6FJ 6FJ90
9	4	P283250	HOSE: 6 X 250" 6FJ 6FJ



WHEEL ASSEMBLY AND GROOMER REFERENCE

<u>Item</u>	<u>Qty</u>	<u>Part ID</u>	<u>Description</u>
1	1	450059	WELDMENT: AXLE, 4500
2	1	450080	GROOMER BACKING BAR
3	1	450087	GROOMER BAR WLD
4	1	450089	MOUNT: REAR SHAFT
5	1	450110	SHAFT: REAR CONVEYOR ASSEMBLY
6 *	2	450179	COMB: GROOMER 4500 *
7	2	450183	BUSHING: GROOMER TENSION
8	2	450184	WHEEL ASSEMBLY: 36 X 13.5-15
9	1	CP0013	PIN: CLEVIS, MOD 1/2 X 3
10	1	M5462	WASHER: 3/16 X 1/2 ID X 2-1/4 OD
11	1	P003175	BEARING: FLANGE, IPTCI UCFCX09-28
12	2	P099012	BOLT: HEX, 5/8-11 X 3 FULL THD
13	2	P121200	HITCH PIN: BENT, 3/4" X 3-1/2"
14	1	P259160	CYLINDER: 1-1/2B X 4S W/CAV CH
15	2	P297625	GROMMET: 5/8 BORE
16 *	1	P353600	MOTOR: 4000 COMPACT 169-0133-001
17	1	P622604	PIN: LYNCH, 3/16 X 1-1/4
18	2	P764400	HUB ASSEMBLY: 8 BOLT

* 450179 GROOMER COMB REPLACED BY 71.450278 RIGHT AND 71.450279 LEFT

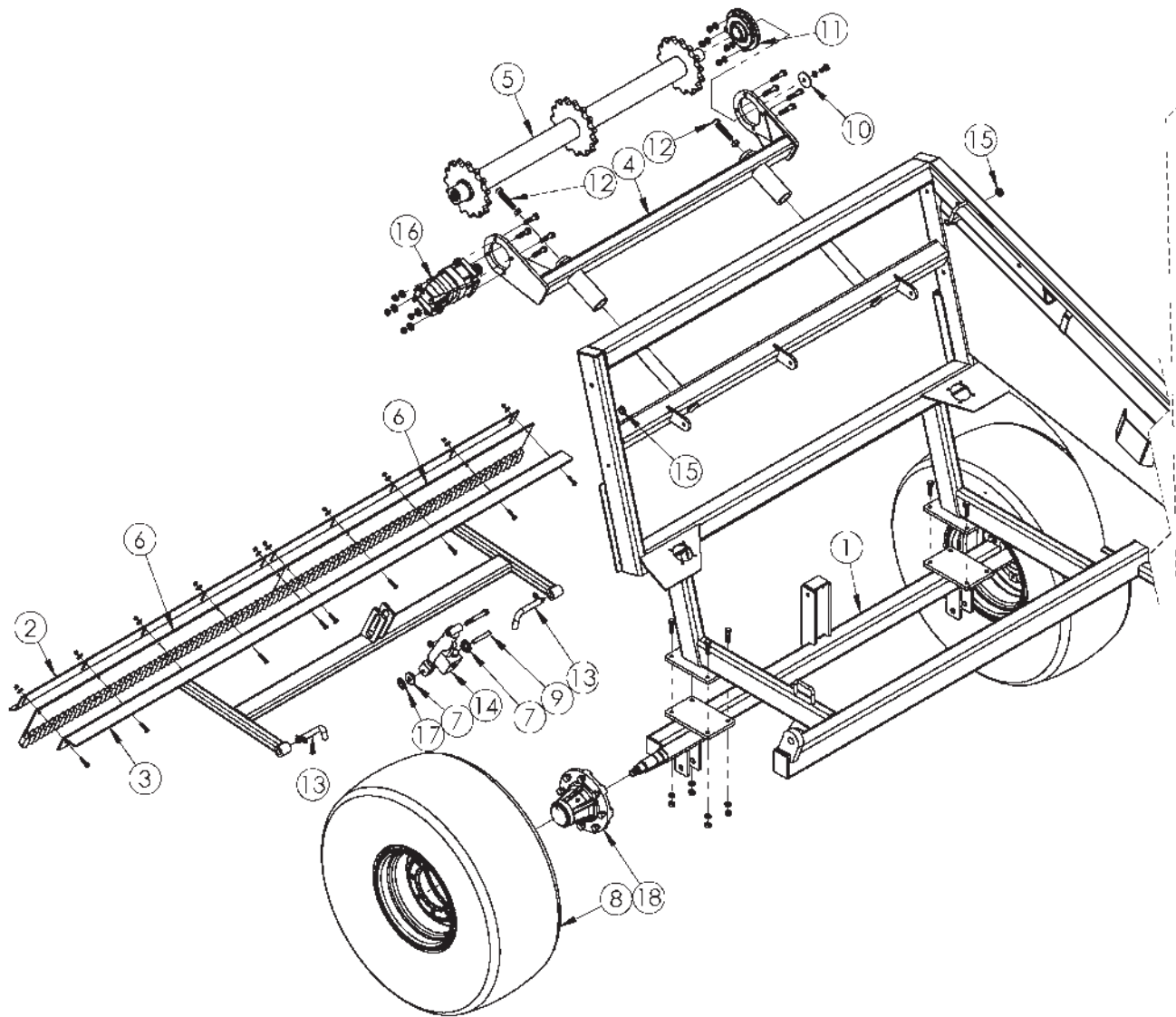
* P003175 BEARING REPLACED BY 71.P003115 BEARING 1-3/4 4 BOLT PILOT

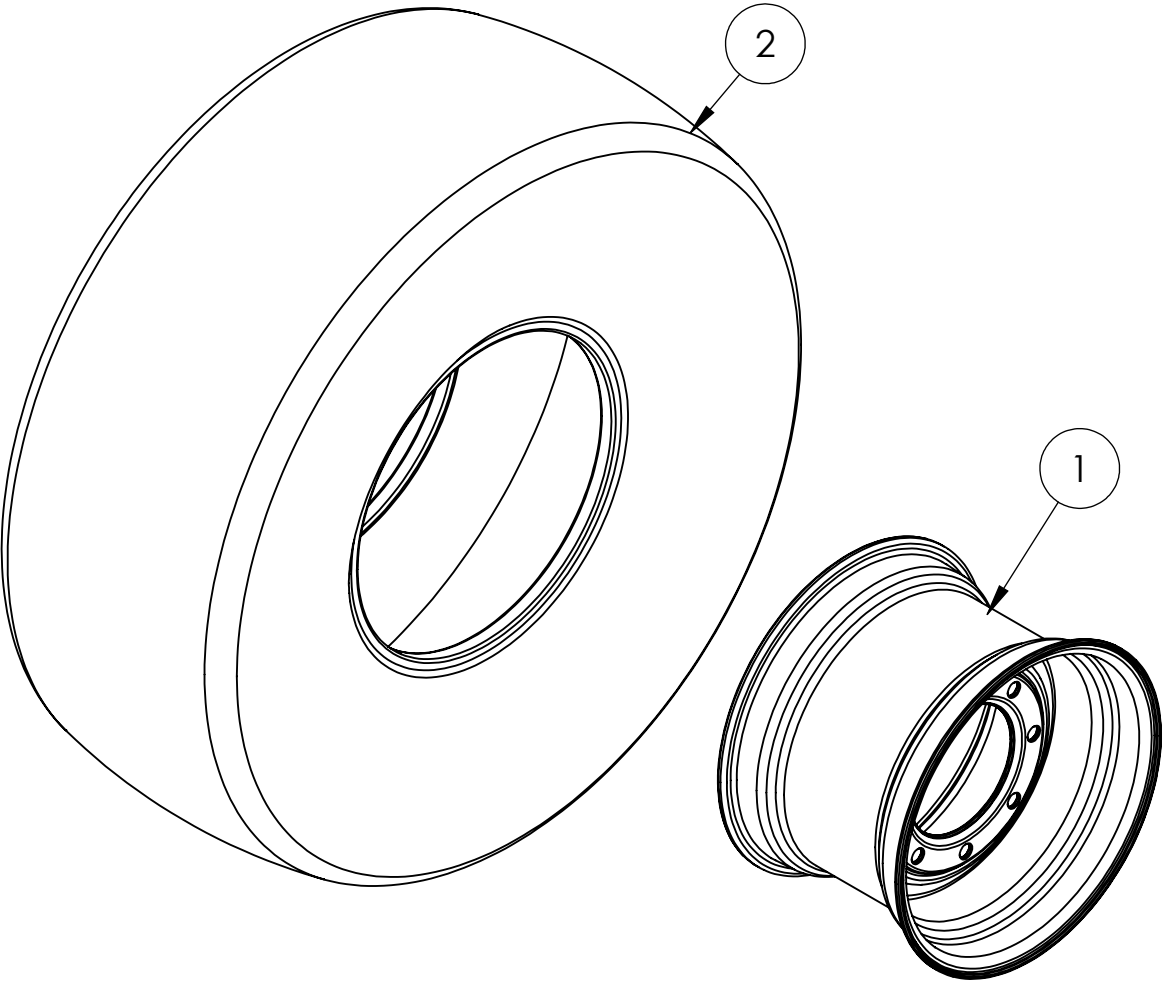
*71.P353610 SEAL KIT USED ON #16 CONVEYOR MOTOR P353600

#NOTE CONVEYOR CHAIN / SHAFT ASSEMBLIES MAY HAVE BEEN CONVERTED TO #100 TYPE
 CONVERTED UNITS WILL HAVE QTY 2 CONVEYOR CHAINS
 SEE ADDITIONAL PAGES FOR #100 CONVERSION



WHEEL ASSEMBLY AND GROOMER DIAGRAM





P/N: 450184 REAR TIRE ASSEMBLY

2	1	P763952	TIRE: 36 X 13.50-15
1	1	P763951	RIM: 15 X 10 X 8
ITEM	QTY.	PART NUMBER	DESCRIPTION

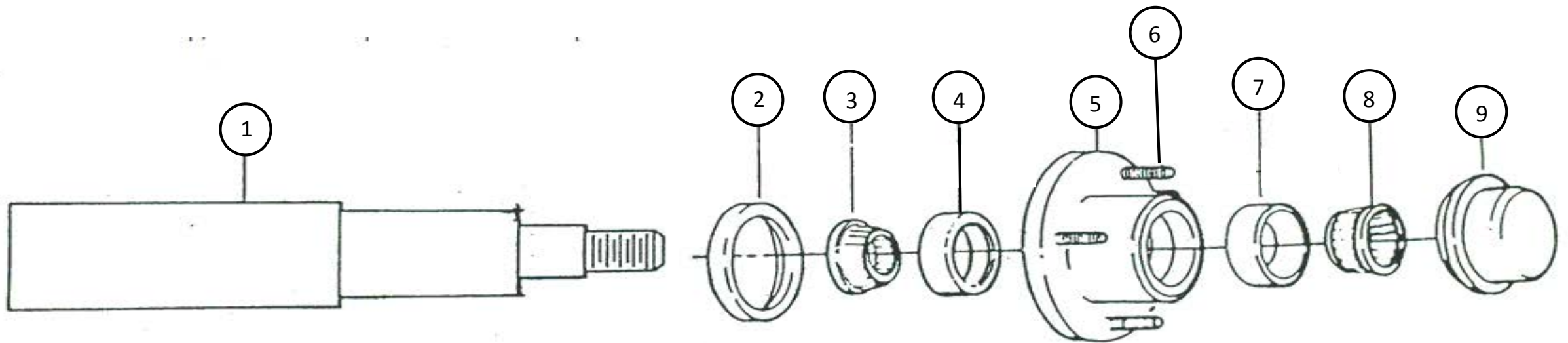


P.O. BOX 2135
JAMESTOWN, ND 58402

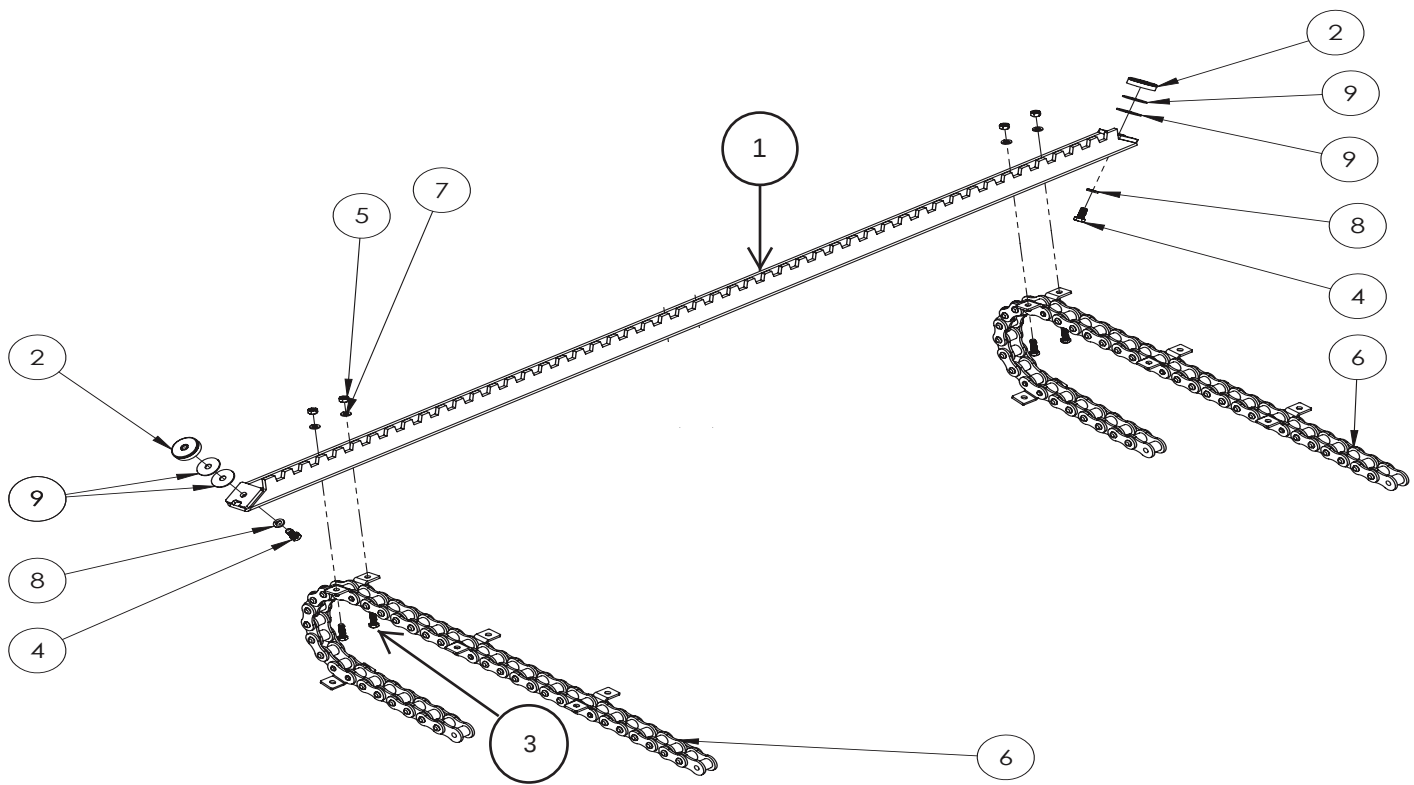
DRAWN BY LEM	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	UNLESS OTHERWISE NOTED		
DATE 2-20-09		TOLERANCES ON DECIMALS FRACTIONS ANGLES		
DO NOT SCALE		.XX±.060 ±1/32 ±1° .XXX±.030		
TITLE WHEEL ASM: 36 X 13.5-15		PART NO. 450184		

Rear hub assembly 4500

- 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



#100 CONVEYOR CHAIN AND FLIGHT SCHEMATIC

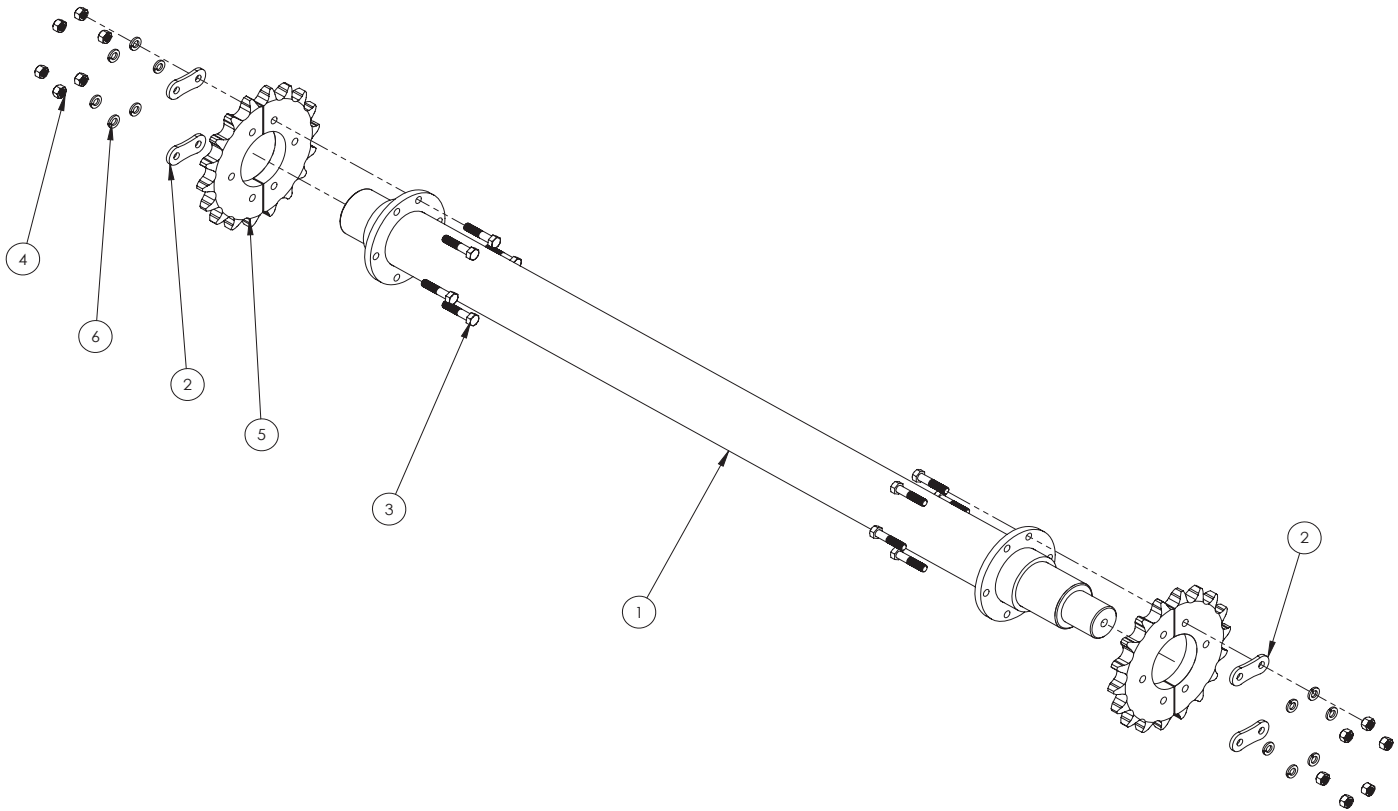


ITEM	QTY	PART NO	DESCRIPTION
1	27	450352	WLDT: FLIGHT BLADE 4500/5500, 2.12
2	54	470130	FLIGHT PUCK
3	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	108	P155350	NUT: HEX, 5/16 TOP-LOCK
6	2	P632140	CHAIN: 100K1 x 219 P ARMOR
6A	REF	P632143	LINK: KI CONNECTOR
7	108	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)

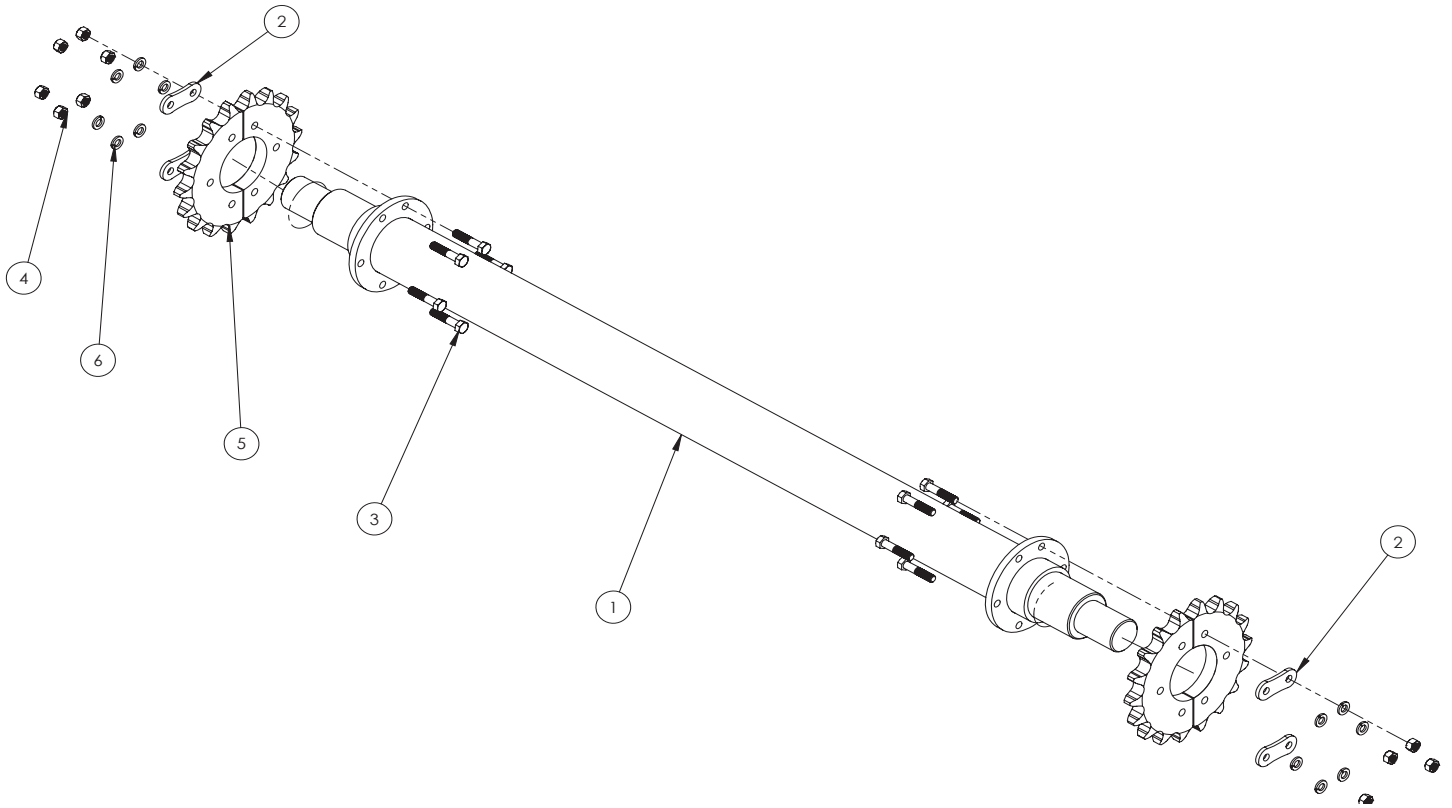
#100 CONVEYOR CHAIN REAR SHAFT ASSEMBLY



<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550472	WLDT: SHAFT REAR SPLIT MT
2	4	CP0055	PALTE: SPLIT SPKT TIE
3	12	P100607	BOLT: HEX 3/8-16 X 1-3/4"
4	12	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
5	2	P691218	SPROCKET; #100A18 SPLIT
6	12	P851106	WASHER: LOCK 3/8" ZP

71.550474 COMPLETE REAR SHAFT ASSEMBLY * CONTAINS ITEMS #1 - #6

#100 CONVEYOR CHAIN FRONT SHAFT ASSEMBLY



<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	550473	WLDT: SHAFT FRONT SPLIT MT
2	4	CP0055	PALTE: SPLIT SPKT TIE
3	12	P100607	BOLT: HEX 3/8-16 X 1-3/4"
4	12	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
5	2	P691218	SPROCKET; #100A18 SPLIT
6	12	P851106	WASHER: LOCK 3/8" ZP

71.550475 COMPLETE FRONT SHAFT ASSEMBLY *CONTAINS ITEMS #1 - #6

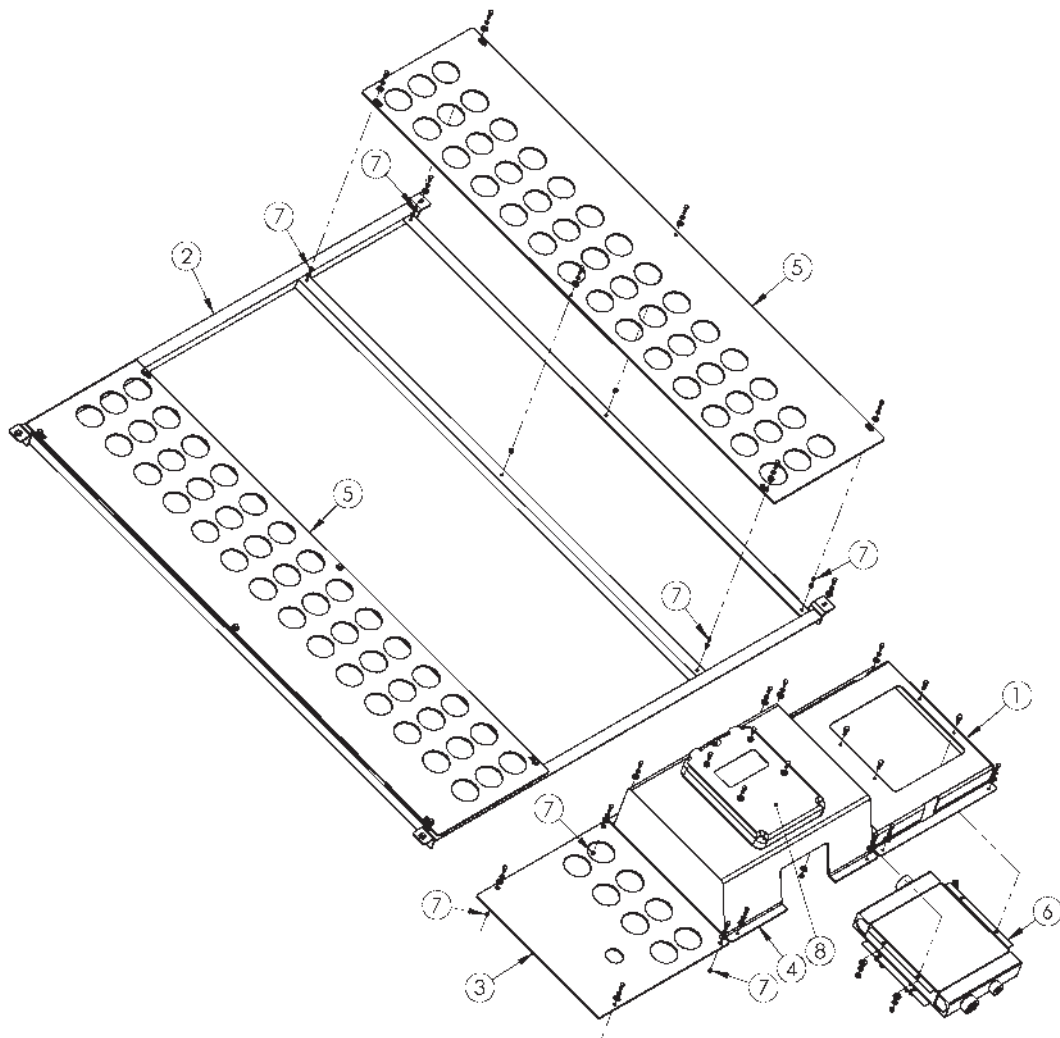
SHIELDS REFERENCE

<u>Item</u>	<u>Qty</u>	<u>Part ID</u>	<u>Description</u>
1	1	450085	MOUNT: COOLER
2	1	450088	FRAME: CONVEYOR COVER
3	1	450181	SHIELD: CONV RIGHT FRONT 4500
4	1	470225	SHIELD: VALVE COVER
5	2	470228	SHIELD: CONVEYOR
6	1	P117300	COOLER: HYD OIL AKG DC16-12
7	11	P126900	BEARING: METAL BRONZE, 1/4 X 3/8
8	1	P999000	BOX: OWNERS MANUAL

***NOT PICTURED**

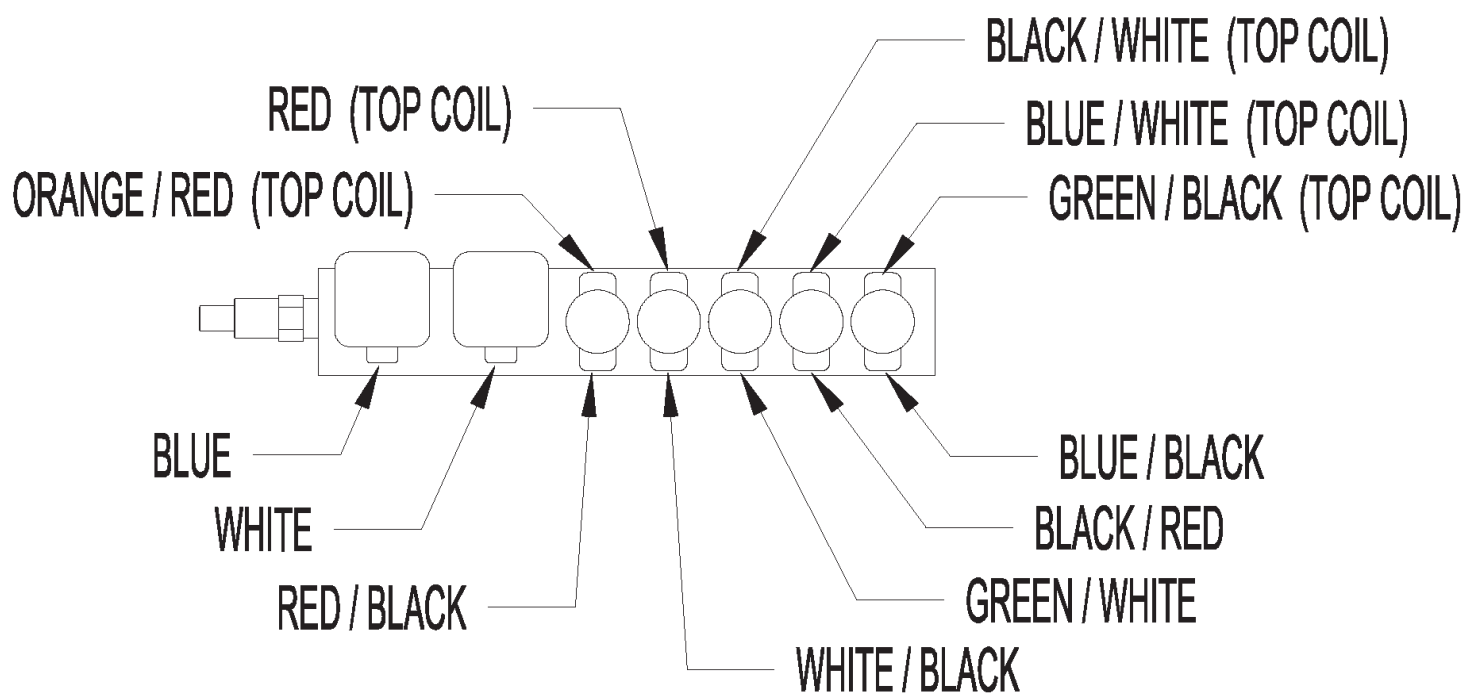
71.P117310 HYD COOLING FAN ONLY

SHIELDS DIAGRAM

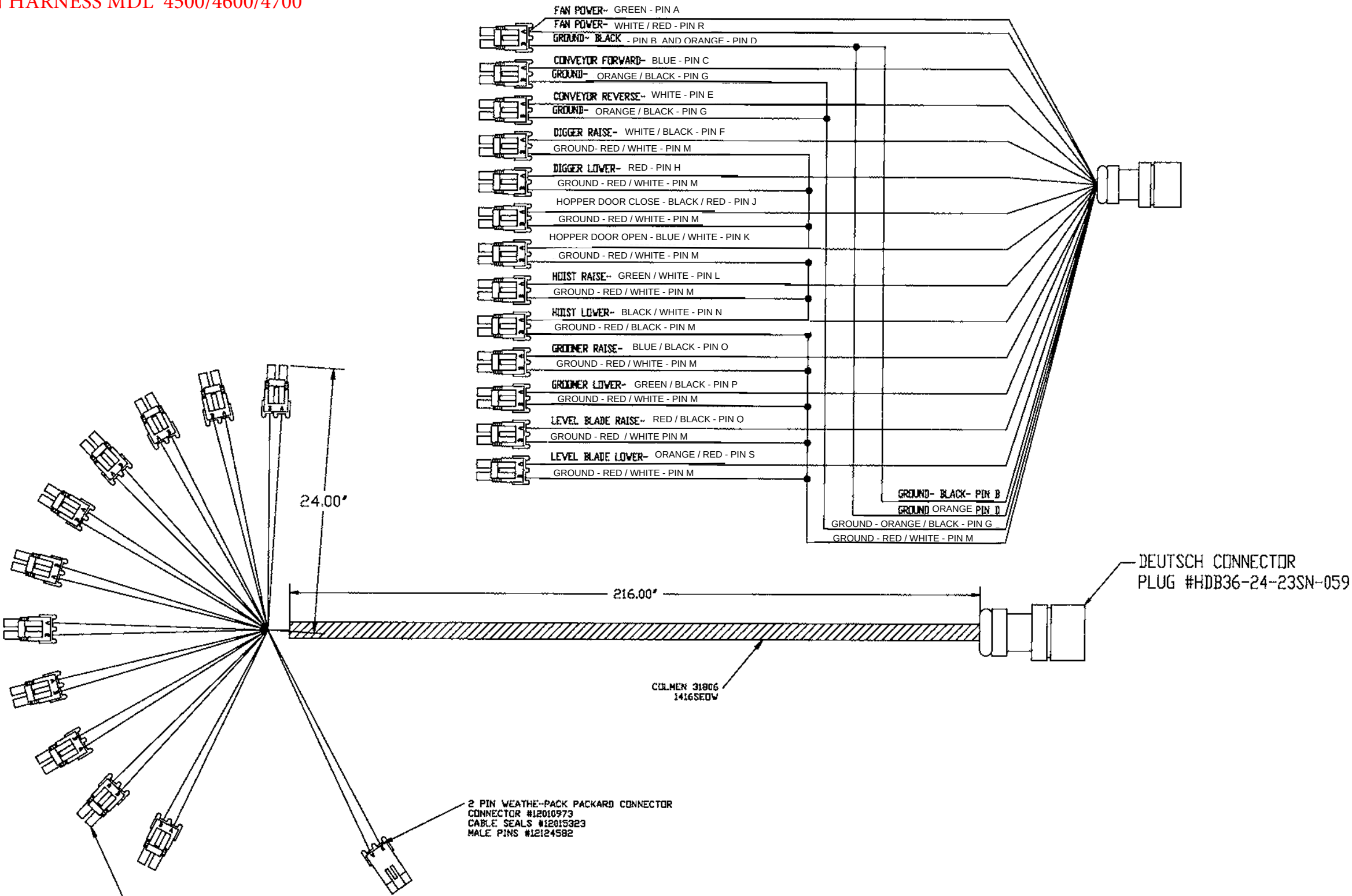


MANIFOLD WIRING DIAGRAM

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



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

DWG
C
SIZE

TITLE
WIRE HARNESS ASSEMBLY

DRAWN
BY
JRF

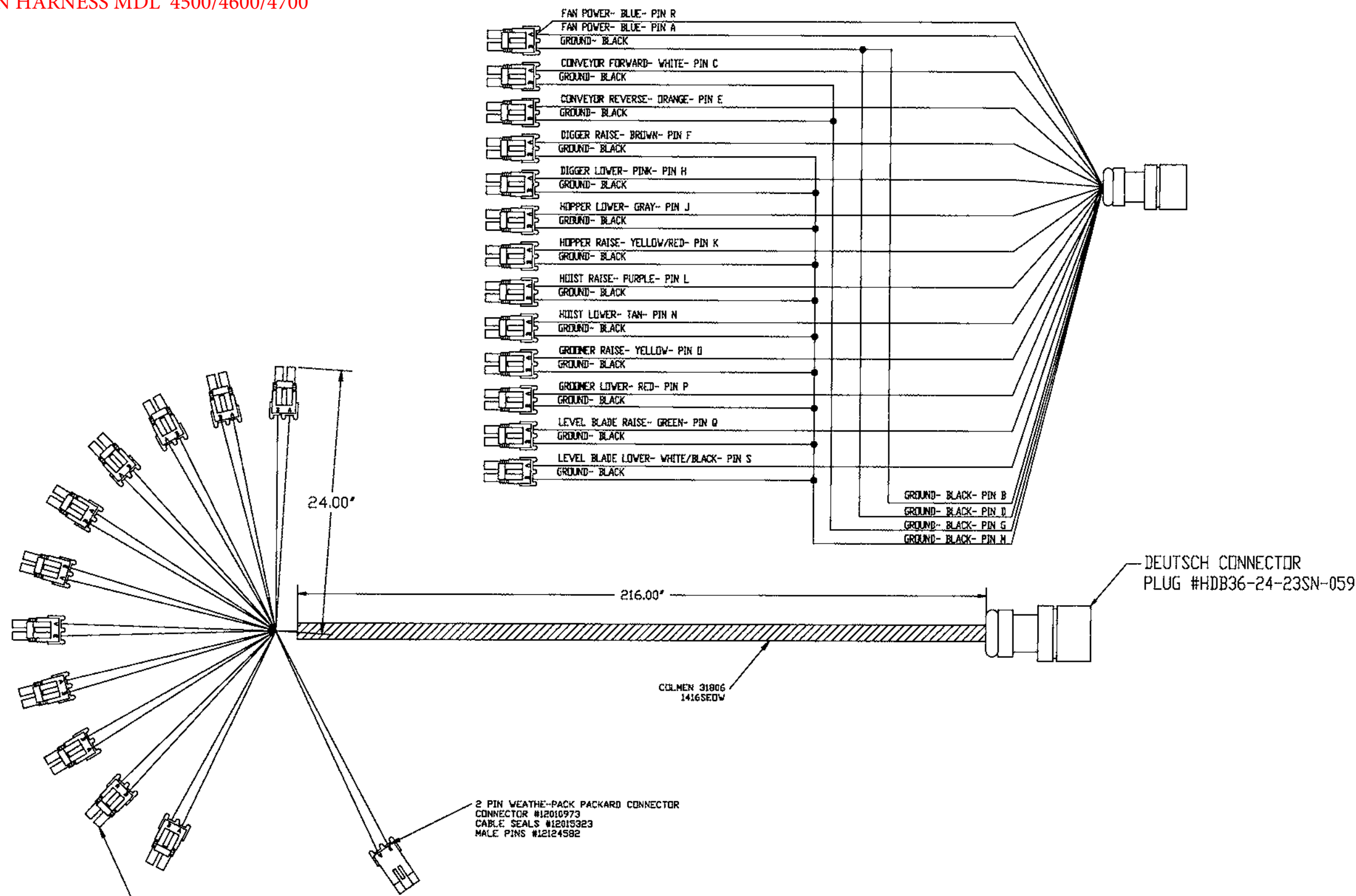
DATE
11/5/04

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

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



Power Systems
Div. of H.E.B. Inc.
5325 Commerce Drive
Chanhassen, MN
55317

DWG
C
SIZE

TITLE
WIRE HARNESS ASSEMBLY

DRAWN
BY
JRF

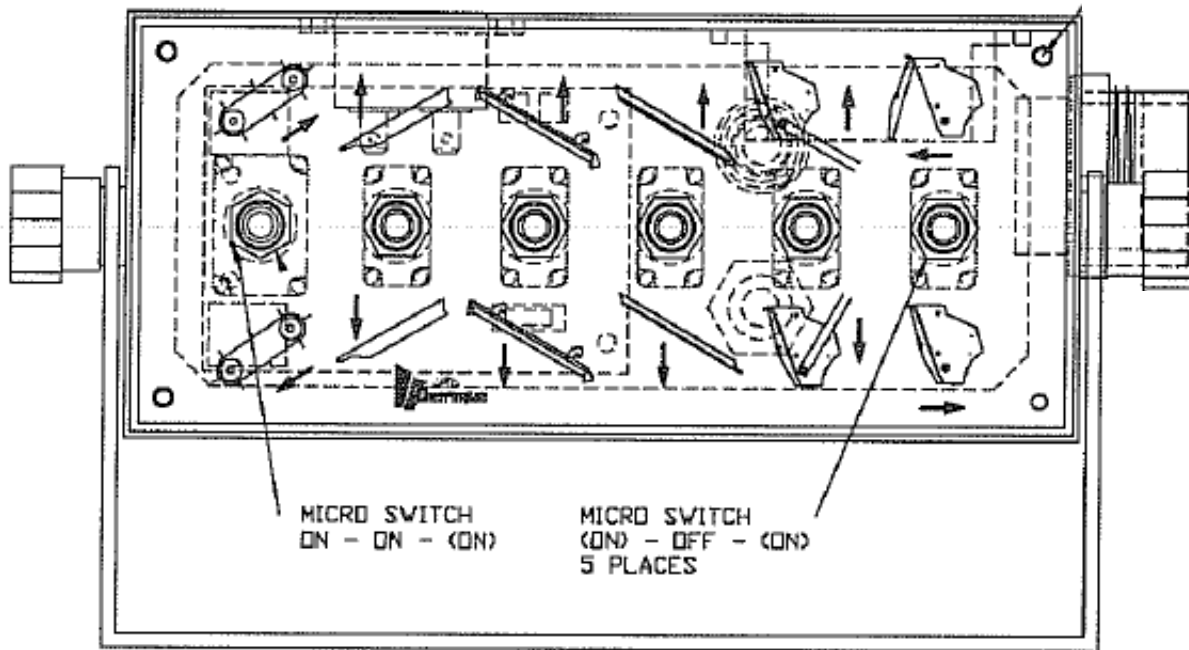
DATE
11/5/04

PAGE
1 OF 1

DRAWING NO.
EA1067-W1

REV.
A

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

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	450219	FRAME, DUAL ROLLER, 4500
2	2	450222	MOTOR HSG, WELD
3	1	450229	ROLLER WELD, DUAL DRIVE
4	2	450230	MOTOR, HYD MODIFIED 2000
5	1	450238	PLATE, -10 BULK FITTING
6	2	P100604	3/8-16 X 1.0" HEX BOLT
7	2	P100809	1/2-13 X 2-1/4 HEX BOLT
8	8	P101006	BOLT: HEX, 5/8-11 NC X 1-1/2
9	2	P155850	NUT HEX, 1/2-13 TOP LOCK
10	2	P265705	FITTING: 10MJ BULK-10MJ-10MJ, TEE
11	2	P272661	COUPLER: NV12-58SAE-M
12	4	P276200	10MB-10MJ ADAPTER
13	2	P284044	HOSE: 451ST -8 X 44" 10FJX-10FJX
14	2	P284052	HOSE: 451ST -8 X 52" 10FJX-10FJX
15	2	P285120	HOSE: 451ST -10 X 120" 10MB-10FJX
16	2	P851106	3/8" LOCK WASHER
17	2	P851108	1/2" LOCK WASHER
18	8	P851110	5/8" LOCK WASHER

COMPLETE POWER ROLLER ASSEMBLY: 71.450231

ROLLER ASSY DIAGRAM

