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IDENTIFICATION AND REPLACEMENT PARTS

The Cherrington Model 5450 has two identification numbers: a model number and a serial number. These numbers are stamped into a plate attached to the left side of the frame.

When ordering replacement parts, please supply the following information:

- Model Number

- Serial Number

- Part number(s), description, and quantity

Cherrington Enterprises reserves the right to make changes or improvements in the design or construction of any part without incurring the obligation to install such changes on any previously delivered units.

Order replacement parts through your dealer or

Cherrington Parts and Service

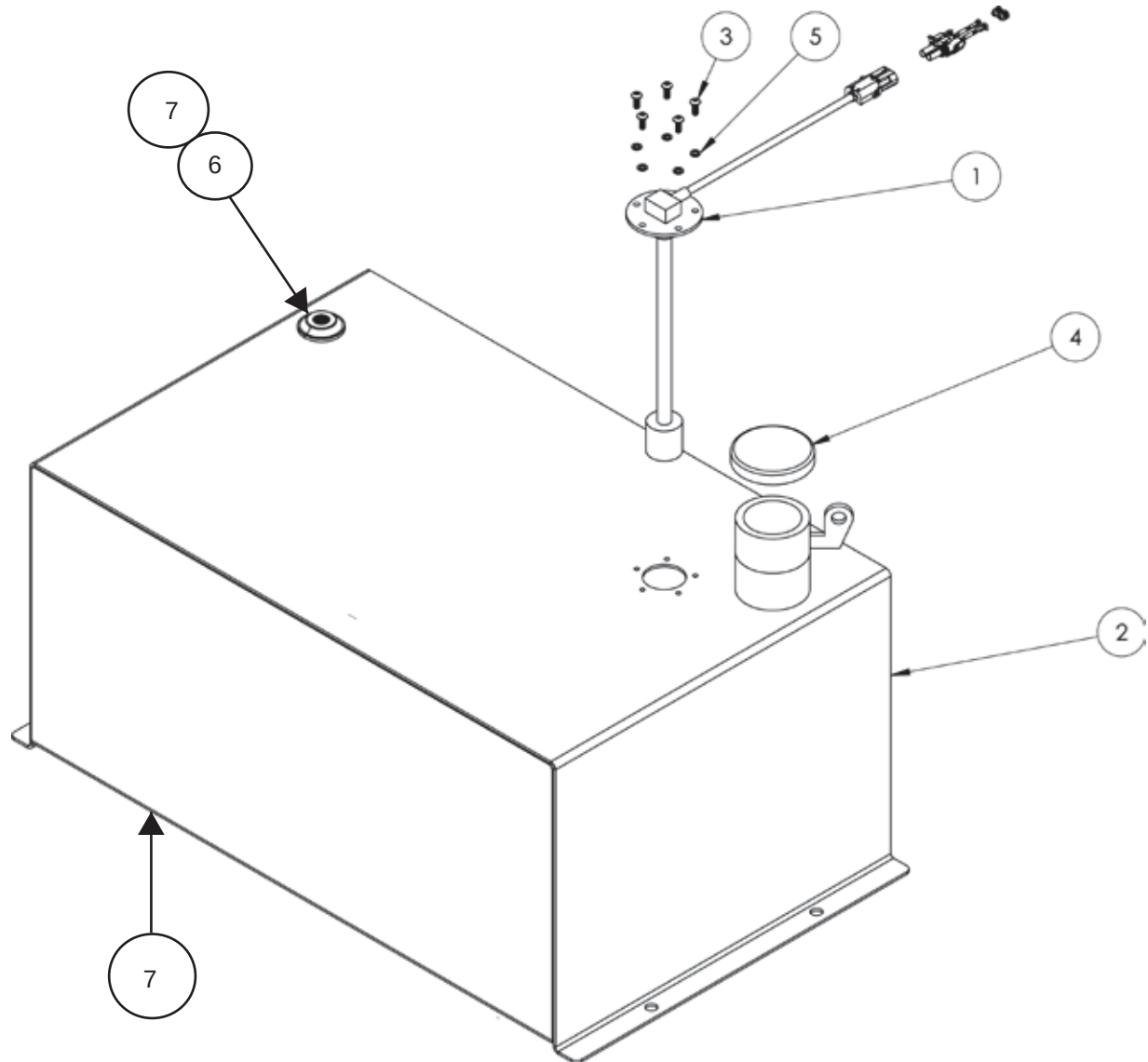
Toll-free (US) 800-966-1588

Phone: 701-952-0226

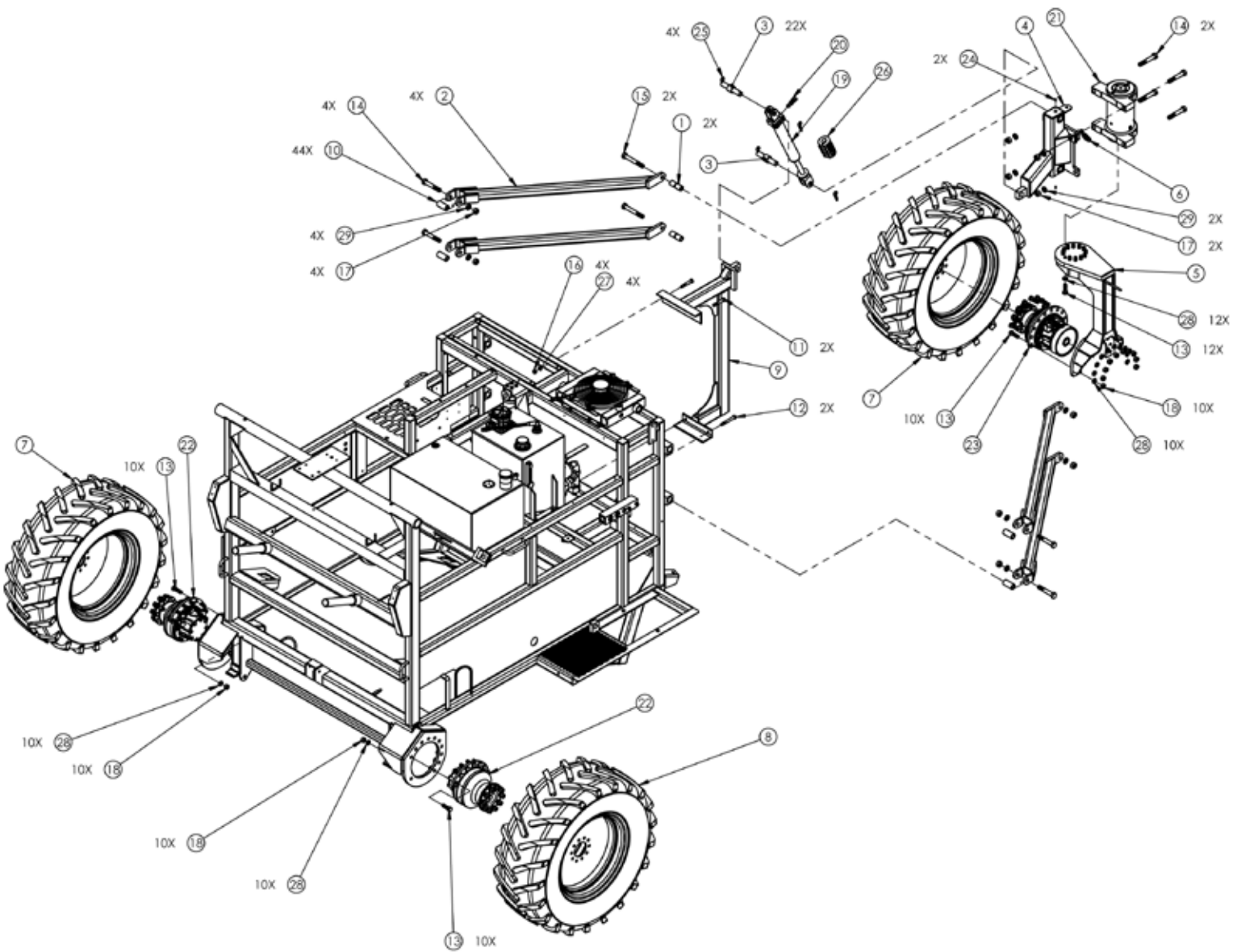
Fax: 701-952-0227

Email: customer_service@cherrington.net

FUEL TANK ASSM

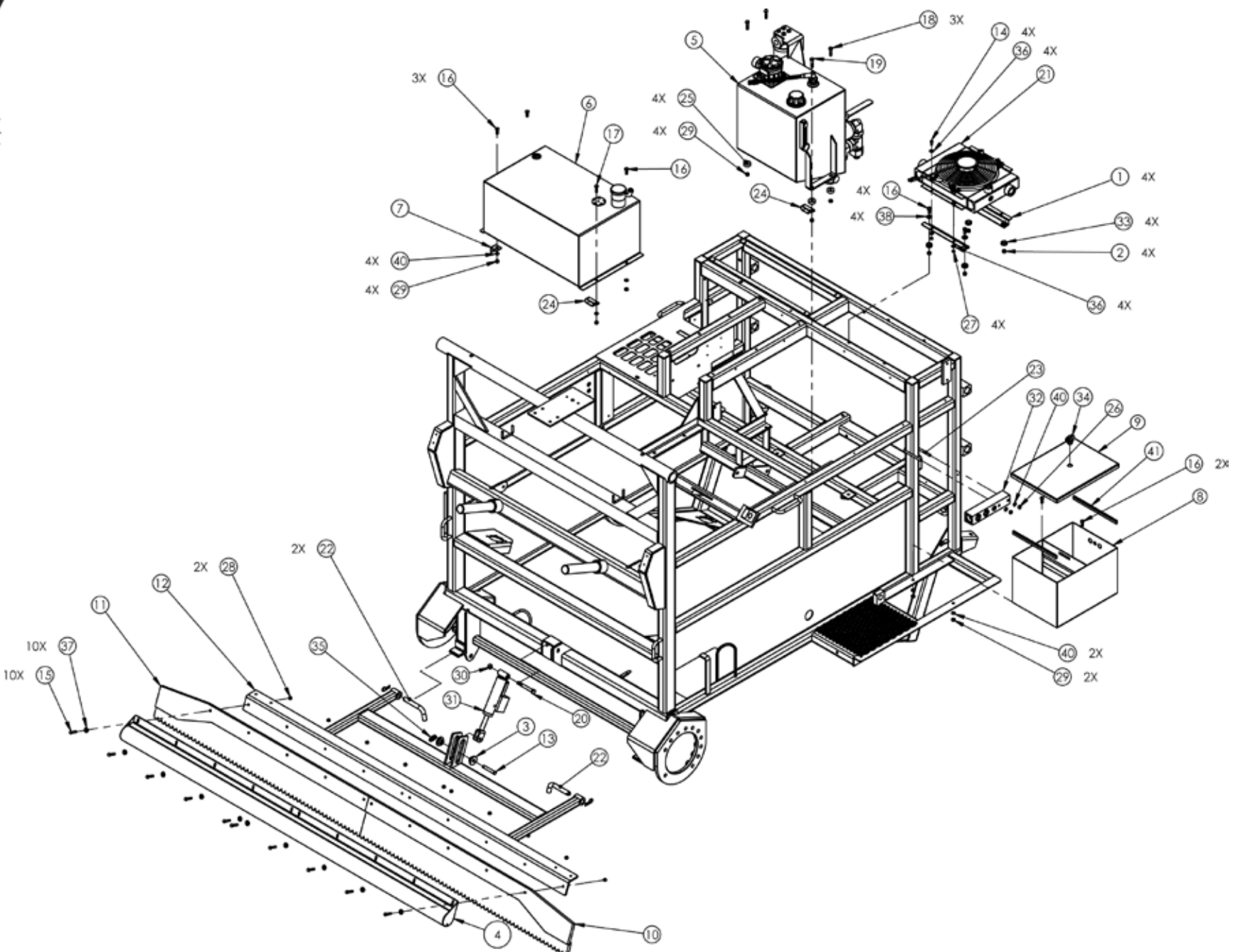


<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	500533	ASSM: FUEL SENDER
2	1	500432	ASSM: FUEL TANK 5000
3	5	P106102	SCREW: BUTTON HD 10-32 X 1/2 SS
4	1	P371131	CAP: FUEL FILL
5	5	P851103	WASHER : 3/16" LOCK
* 6	1	P267320	ADAPTER BUSHING: 6MP - 4MP (NOT SHOWN)
* 7	2	P267140	BARBED FITTING: 4MP-5HB BRASS 90 (NOT SHOWN)



WHEEL/STEERING LEGEND

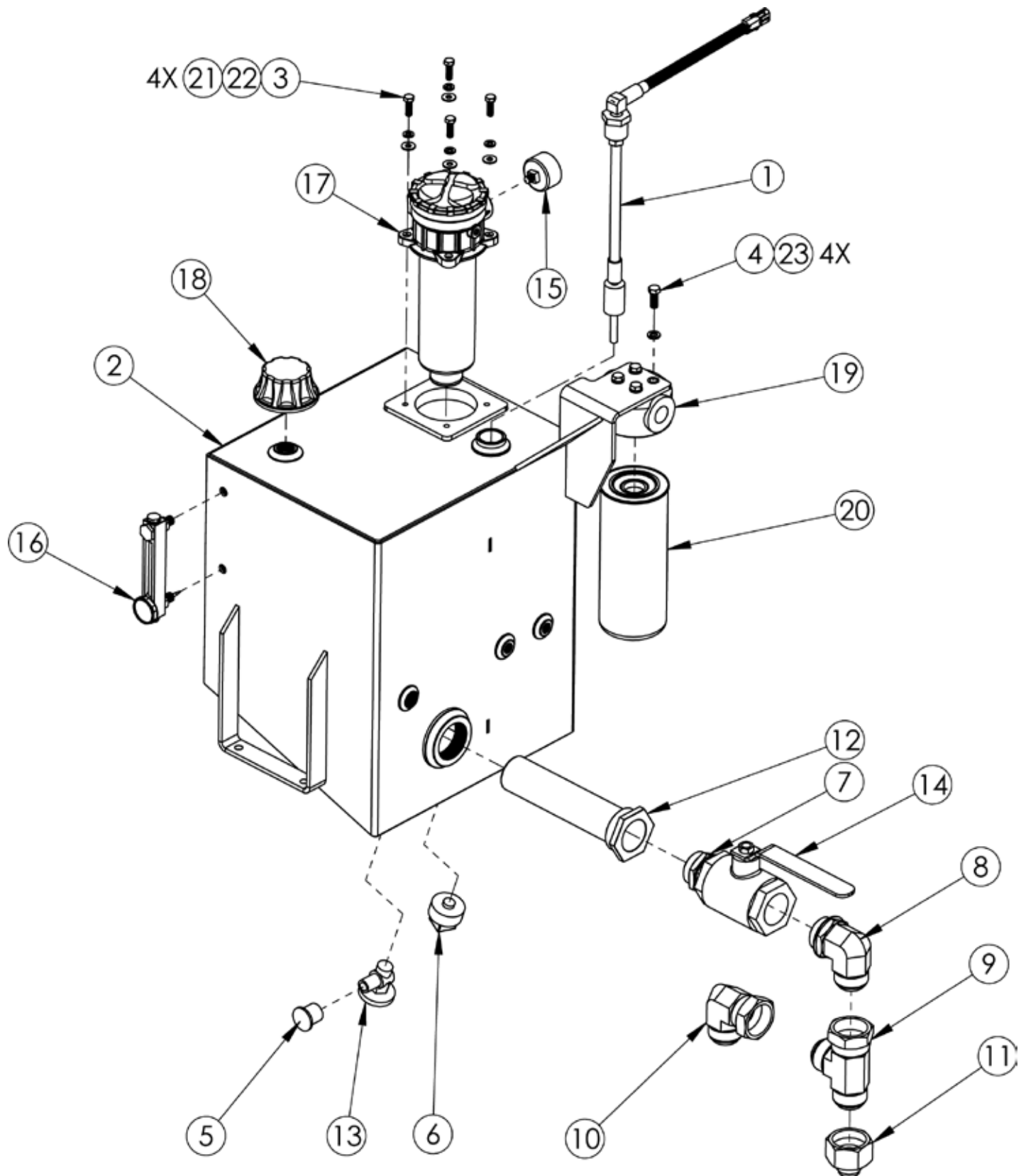
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	000483M	SLEEVE, STABILZER 3.25
2	4	000587W	STABILIZER ARM
3	2	005248	PIN, CYLINDER JACK
4	1	500070	BRKT; HELAC MTG L30
5	1	500074	FORK, MSE05/HELAC L30
6	1	500125	WELD, HOSE RING
7	2	500127	ASSY: TIRE AND WHEEL RH
8	1	500128	ASSY: TIRE AND WHEEL LH
9	1	500287	WLDT: LIFT BRKT
10	4	500483	BUSHING, NYL 1.25 X .75 X 2.562
11	2	P100811	BOLT: HEX, 1/2" X 3"GR.5
12	2	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
13	42	P101008	BOLT: HEX, 5/8-11 NC X 2
14	8	P101218	BOLT: HEX 3/4-10 X 4-1/2"
15	2	P101222	BOLT: HEX 3/4-10 X 5-1/2"
16	4	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
17	10	P157120	NUT: HEX, 3/4"-10 TOP-LOCK
18	30	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
19	1	P259305	CYL, 2B X 10S W/CAV CH
20	1	P294250	VALVE, PILOT CHECK
21	1	P352530	Helac L30-25
22	2	P355410	MOTOR, WHEEL MS05 REAR
23	1	P355415	MOTOR: WHL/BRK, POCLAIN MS05-1-13
24	2	P620200	FITTING: GREASE, 1/4"-28 STRT
25	4	P622602	CLIP: HAIR PIN 1"
26	1	P781000	STROKE CONT SET
27	4	P851108	WASHER: LOCK 1/2" ZP
28	42	P851110	WASHER: LOCK 5/8"
29	10	P851112	WASHER: LOCK 3/4"



GROOMER/TANKS LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	2	005160	BRKT: OIL COOLER
2	4	005161	BUSHING, .41 x .62 x .4
3	2	450183	BUSHING, GROOMER TENSION
4	1	500408	GROOMER BAR ROUND
5	1	500460	ASSY, HYD RESERVIOR
6	1	500470	ASSY: FUEL TANK
7	1	500488	CLIP, PANEL MOUNT
8	1	500510	BOX, BATTERY
9	1	500513	COVER, BATTERY
10	1	550124	COMB, RIGHT 5500
11	1	550125	COMB, LEFT 5500
12	1	550150	WLD: GROOMER BAR
13	1	CP0013	PIN, CLEVIS MOD 1/2 X 3
14	4	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
15	10	P100506	BOLT: HEX, 5/16" NCX 1 1/2"GR5
16	9	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
17	1	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
18	3	P100606	BOLT: HEX 3/8-16 X 1-1/2"
19	1	P100607	BOLT: HEX 3/8-16 X 1-3/4"
20	1	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
21	1	P117300	COOLER, HYD OIL AKG DC16-12
22	2	P121200	BENT HITCH PIN 3/4" X 3-1/2"
23	1	P127215	3/8" X 1-1/2" X 4-1/2" U-BOLT
24	2	P128906	CLAMP, P VINYL DOUBLE
25	4	P133032	ISOLATOR, TANKL
26	2	P150600	NUT: HEX 3/8-16
27	4	P155250	NUT: HEX, 1/4" TOP-LOCK
28	10	P155350	NUT: HEX, 5/16 TOP-LOCK
29	10	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
30	1	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
31	1	P259160	CYLINDER: 1-1/2B X 4S W/CAV CH
32	1	P292700	JUNCTION MANIFOLD: 5000
33	4	P297625	GROMMET: 5/8 BORE
34	1	P310130	LATCH, 1/4 TURN DIE CAST
35	1	P622604	PIN, LYNCH 3/16 X 1-1/4
36	8	P850104	WASHER: FLAT 1/4" ZP
37	10	P850105	WASHER: FLAT 5/16" ZP
38	4	P850106	WASHER: FLAT 3/8" ZP
39	4	P851104	WASHER: LOCK 1/4"
40	12	P851106	WASHER: LOCK 3/8" ZP
41	2	R96574000	SEAL,BULB TOP

OIL RESERVIOR SCHEMATIC

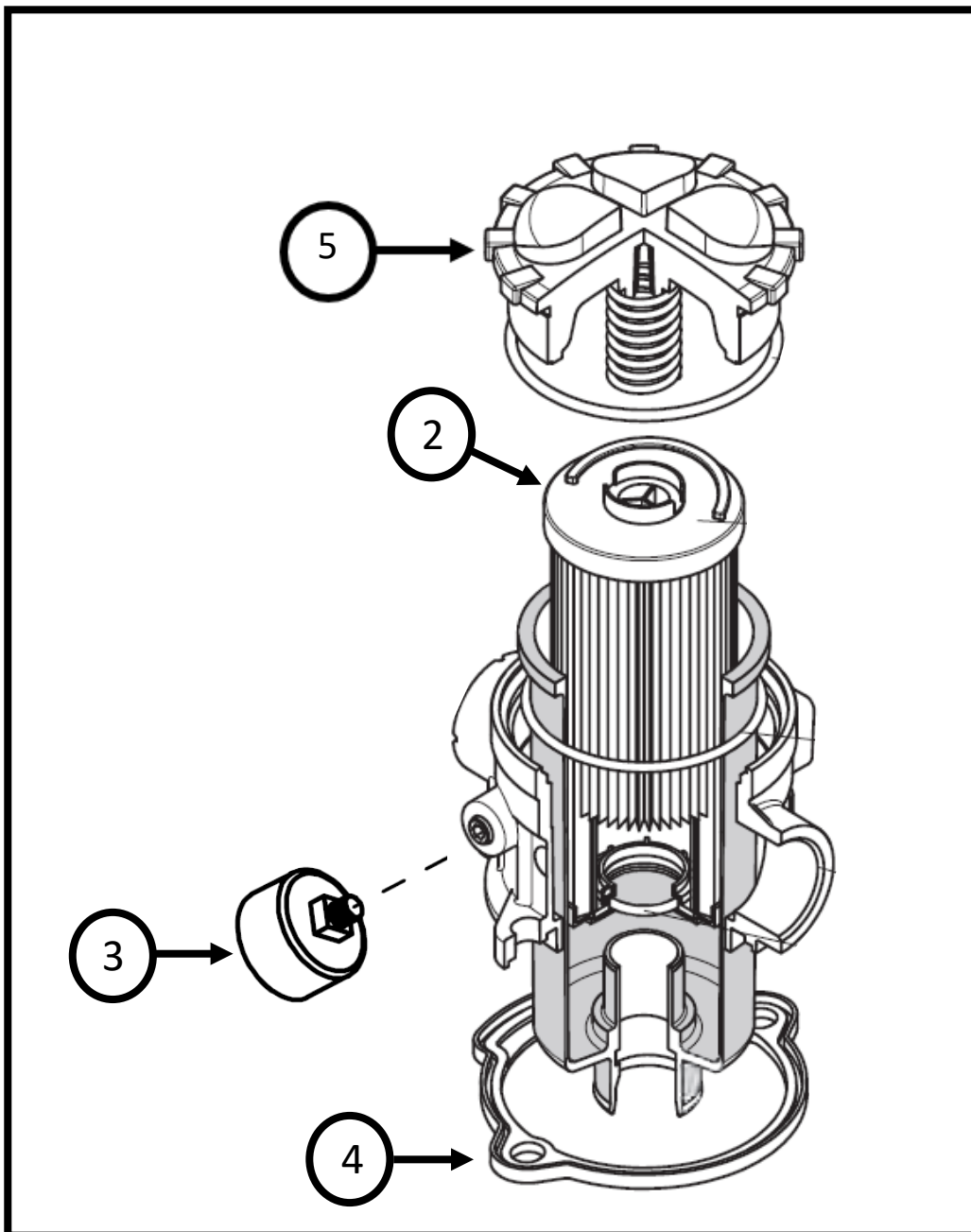


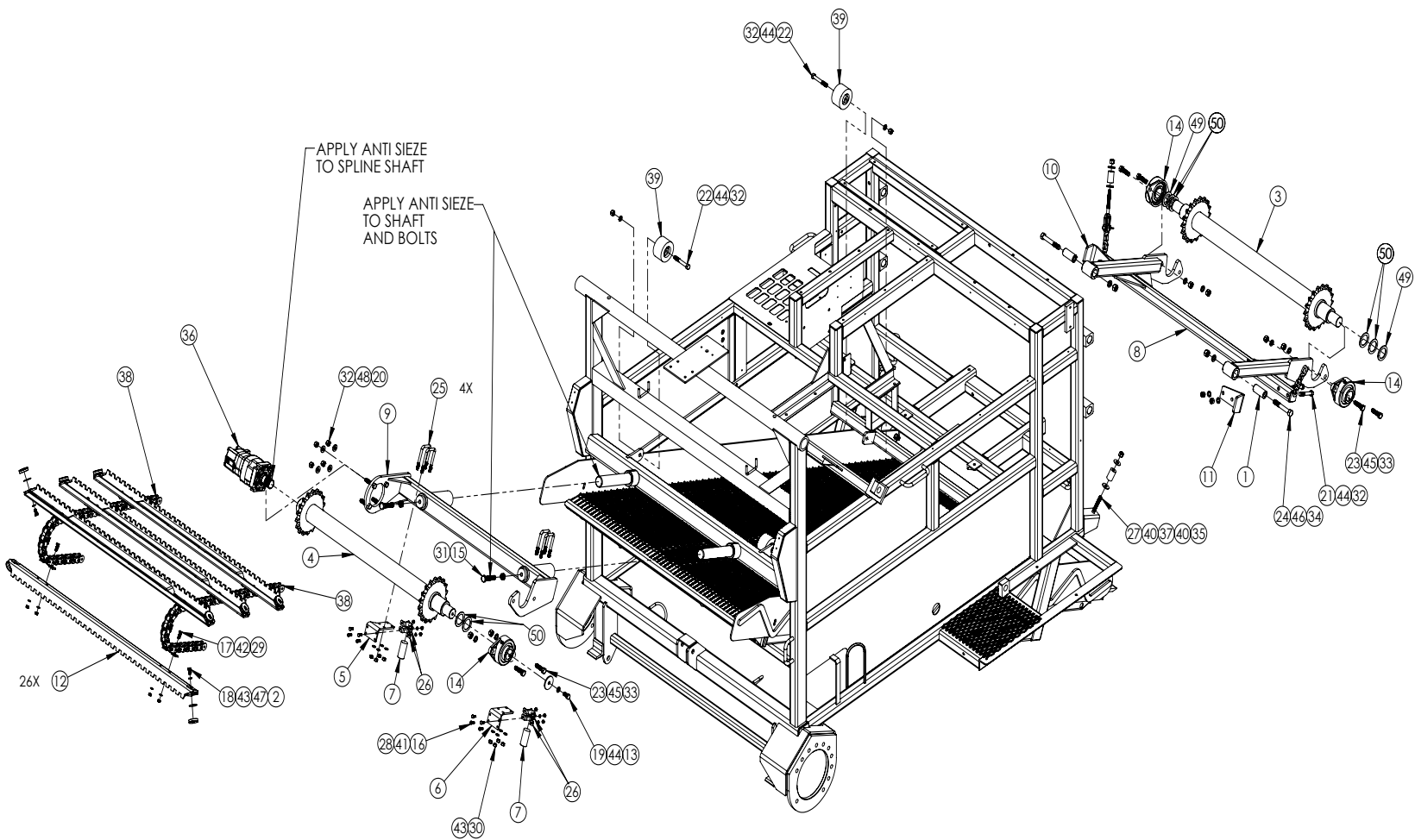
OIL RESERVIOR LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	500286	HYD LEVEL SENDING UNIT
2	1	500461	TANK, HYD RESERVOIR 5000
3	4	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
5	1	P115920	CAP: DUST, OIL TANK DRAIN
6	1	P270360	PLUG: MAGNETIC 1.5 MPT
7	1	P277195	FITTING: 24MB 24MB ADJUSTABLE
8	1	P278100	FITTING; 24MJ 24MB 90 ELBOW
9	1	P278110	FITTING; 24MJ 24FJX 24 MJ DROP TEE
10	1	P278112	FITTING, 24 MJ - 24 FJX 90
11	1	P278130	FITTING; 24FJ 16MJ REDUCER
12	1	P278250	STRAINER, HYD 30 GPM
13	1	P294010	VALVE: DRAIN SPICKET
14	1	P294610	BALL VALVE, -24
15	1	P297170	GAUGE: IND LP CI-20
16	1	P297220	GAUGE: OIL SIGHT
17	1	P371860	FILTER ASM: HYD MPT1043SAG8A10HBTC COMPLETE HOUSING
*	1	P371861	FILTER: HYD ELEMENT MF100 3A10HB
18	1	P371862	BREATHER: TANK PRESSURIZED
19	1	P371930	FILTER HEAD, CHARGE PUMP
20	1	P371935	FILTER, CHARGE PUMP CARTRIDGE
21	4	P850104	WASHER: FLAT 1/4" ZP
22	4	P851105	WASHER: LOCK 5/16"
23	4	P851106	WASHER: LOCK 3/8" ZP

HYDRAULIC FILTER HOUSING

- 1) 71.P371860 Complete filter housing: includes base gasket and 10-micron filter element
- 2) 71.P371861 Filter element 10-micron
- 3) 71.P297170 Filter indicator gauge
- 4) 71.P371839 Base gasket
- 5) 71.P371844 Cover with spring





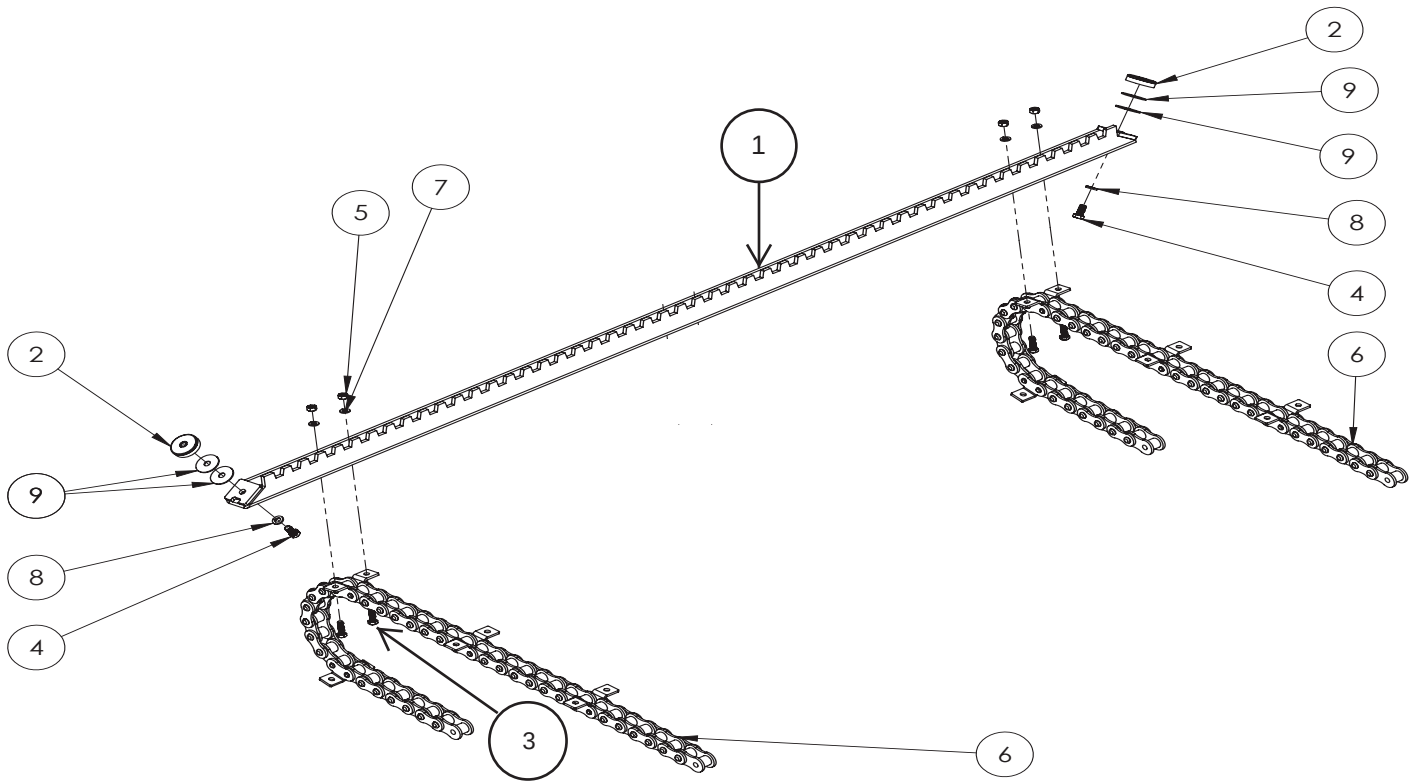
CONVEYOR AND FLIGHT LEGEND

ITEM.	QTY.	PART #	DESCRIPTION
1	2	450098	BUSHING, NYL 1.25 X .625 X 2.688
2	52	470130	FLIGHT PUCK
3	1	500412	WLDT: SHAFT FRONT CONV 2 CHAIN
4	1	500413	WLDT: SHAFT REAR CONV 2 CHAIN
5	1	500497	WLDT: ROCK KNOCKER LH
6	1	500498	WLDT: ROCK KNOCKER RH
7	2	500499	ROD; ROCK KNOCKER
8	1	500530	CONVEYOR SUPPORT 5450
9	1	500531	MT: REAR SHAFT 5450
10	1	500570	CONV SUPPORT UPSTOP LH
11	1	500571	CONV SUPPORT UPSTOP RH
12	26	500572	WLDT: FLIGHT 5450 2.12
13	1	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
14	3	P004175	BEARING: 1-3/4 FLANGE 2 BOLT
15	2	P099012	BOLT: HEX 5/8-11 X 3 FULL THD
16	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
17	104	P100504	BOLT: HEX, 5/16" NC X 1" GR5
18	52	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
19	1	P100804	BOLT: HEX 1/2"-13 X 1"
20	4	P100809	BOLT: HEX 1/2-13 X 2-1/4"
21	4	P100813	BOLT: HEX 1/2-13 X 3-1/4"
22	6	P100814	BOLT: HEX 1/2-13 X 3-1/2"
23	6	P100908	BOLT: HEX, 9/16-12 NC X 2
24	2	P101017	BOLT, HEX 5/8-11 X 4-1/4
25	4	P127214	U-BOLT, 3/8 X 2 X 3.75
26	4	P128905	CLAMP, U STRAP 1.31
27	2	P135165	JAW END: 1/2"-13 X 6"
28	8	P155250	NUT: HEX, 1/4" TOP-LOCK
29	104	P155350	NUT: HEX, 5/16 TOP-LOCK
30	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
31	2	P155800	5/8-11 HEX JAM NUT
32	14	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
33	6	P155900	NUT: HEX, 9/16"-12 TOP-LOCK
34	2	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
35	2	P158005	1/2-13 NYLOCK NUT
36 *	1	P353600	MOTOR: 4000 COMPACT
37	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
38	2	P632145	CHAIN: 100K1 x 208 P
39	6	P761100	SNUGULATOR 2500BD1X
40	4	P850108	WASHER: FLAT 1/2" ZP
41	8	P851104	WASHER: LOCK 1/4"
42	104	P851105	WASHER: LOCK 5/16"
43	60	P851106	WASHER: LOCK 3/8" ZP
44	11	P851108	WASHER: LOCK 1/2" ZP
45	6	P851109	WASHER: LOCK 9/16"
46	2	P851110	WASHER: LOCK 5/8"
47	52	P852015	WASHER: FLAT 3/8" FENDER
48	4	P852608	1/2" HARD WASHER
49	2	P855128	10 GA. X 1-3/4" MACHINE BUSHING
50	6	P855525	BUSHING: MACH 18GA X 1-3/4

*71.P353610 SEAL KIT USED ON #36 CONVEYOR MOTOR P353600

#100 SERIES CONVEYOR CHAIN REPAIR ITEMS:
 71.P632143 K1 ATTACHMENT LINK
 71.P632142 MASTER CONNECTING LINK
 71.P632141 1/2 LINK (OFFSET)

CHAIN AND FLIGHT SCHEMATIC

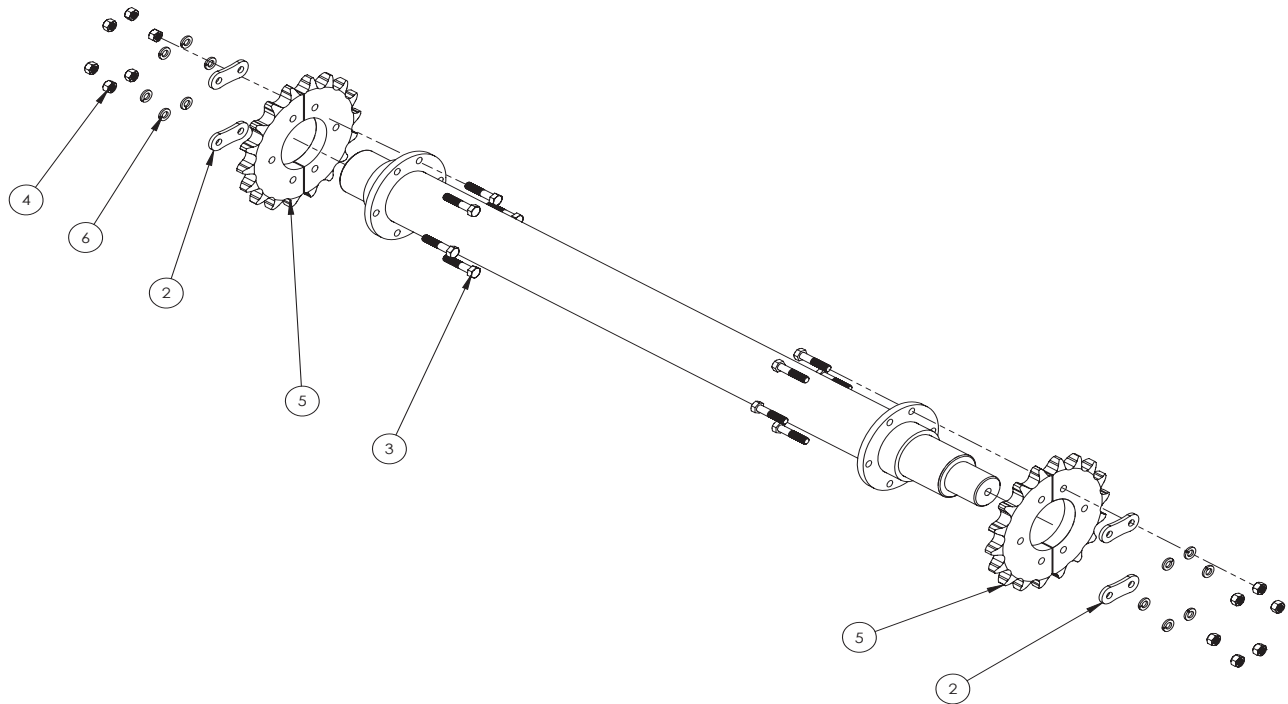


<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	26	500572	WLDT: FLIGHT BLADE 5450, 2.12
2	52	470130	FLIGHT PUCK
3	104	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	52	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	104	P155350	NUT: HEX, 5/16 TOP-LOCK
6	2	P632145	CHAIN: 100K1 x 208 P ARMOR
6A	REF	P632143	LINK: KI CONNECTOR
7	104	P851105	WASHER: LOCK 5/16"
8	52	P851106	WASHER: LOCK 3/8" ZP
9	104	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)

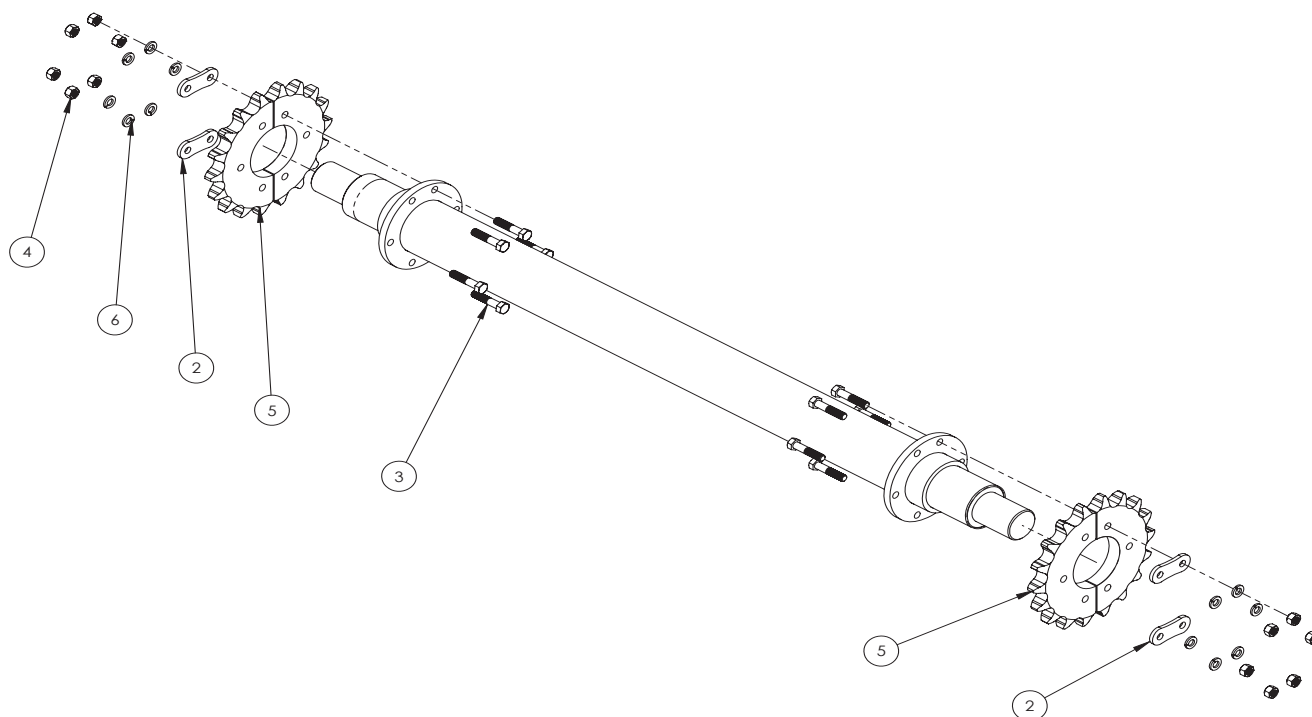
REAR CONVEYOR SHAFT ASSEMBLY



<u>ITEM</u>	<u>QTY.</u>	<u>PART#</u>	<u>DESCRIPTION</u>
1	1	500580	WLDT: SHAFT REAR SPLIT MT 5450
2	4	CP0055	PLATE: 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

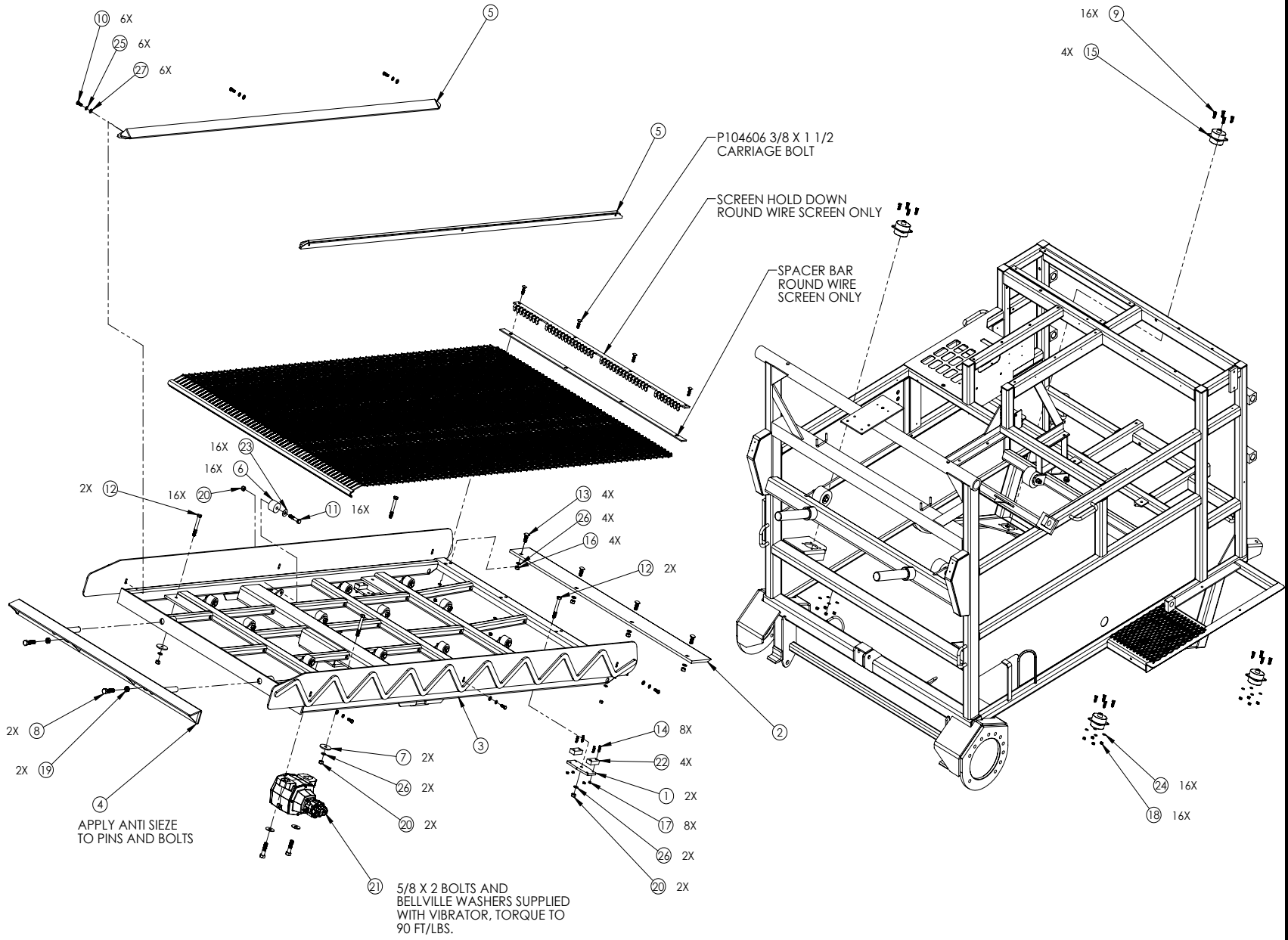
71.P500631 COMPLETE REAR SHAFT ASSEMBLY CONTAINS ITEMS #1 - #6

FRONT CONVEYOR SHAFT ASSEMBLY



<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	500581	WLDT: SHAFT FRONT SPLIT MT 5450
2	4	CP0055	PLATE: 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

71.500632 COMPLETE FRONT SHAFT ASSEMBLY CONTAINS ITEMS #1 - #6



SCREEN LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	450285	PLATE, ISO STOP
2*	1	500407	CUTTING EDGE, 1/2" X 6"
3	1	500401	WLDT: SCREEN BED 5450
4	1	500427	WLD, SCREEN TENSIONER
5	2	500565	WLDT; GLIDE RAIL 5450
6	16	CP0043	RISER: SCREEN- 90 A Duro (Blue)
7	2	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
8	2	P099010	BOLT: HEX 5/8-11 X 2 1/2 FULL THD
9	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
10	6	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
11	16	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
12	4	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
13	4	P104806	BOLT: CARRIAGE, 1/2" X 1-1/2" GR5
14	8	P110404	BOLT: SHCS 1/4-20 X 1" ALLEN HD
15	4	P133065	ISOLATOR: SQ HEAVY DUTY PLATFORM
16	4	P150800	NUT: HEX 1/2"-13NC ZP
17	8	P155250	NUT: HEX, 1/4" TOP-LOCK
18	16	P155350	NUT: HEX, 5/16 TOP-LOCK
19	2	P155800	5/8-11 HEX JAM NUT
20	20	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
21**	1	P358100	VIBRATOR, HYD HA4-3300
22	4	P605010	SPRING BUMPER, 3/4
23	16	P850108	WASHER: FLAT 1/2" ZP
24	16	P851105	WASHER: LOCK 5/16"
25	6	P851106	WASHER: LOCK 3/8" ZP
26	8	P851108	WASHER: LOCK 1/2" ZP
27	6	P851606	WASHER: FLAT 3/8" HEAVY
28	REF	500411	SCREEN ASSY: 3/4 RD WIRE
29	REF	500473	SCREEN HOLD: 3/4 RD WIRE
30	REF	500462	SPACER: ROUND WIRE SCREEN
31	REF	500475	SCREEN ASSY: 1/2 RD WIRE
32	REF	500472	SCREEN HOLD: 1/2 RD WIRE
33	REF	500548	SCREEN ASSY: 1/2" CARBON HI RISE
34	REF	500549	SCREEN ASSY: 3/4" CARBON HI RISE
35	REF	500551	SCREEN ASSY: 1/2" SS HI RISE
36	REF	500552	SCREEN ASSY: 3/4" SS HI RISE

*Optional slotted cutting edge p/n: 71.500634

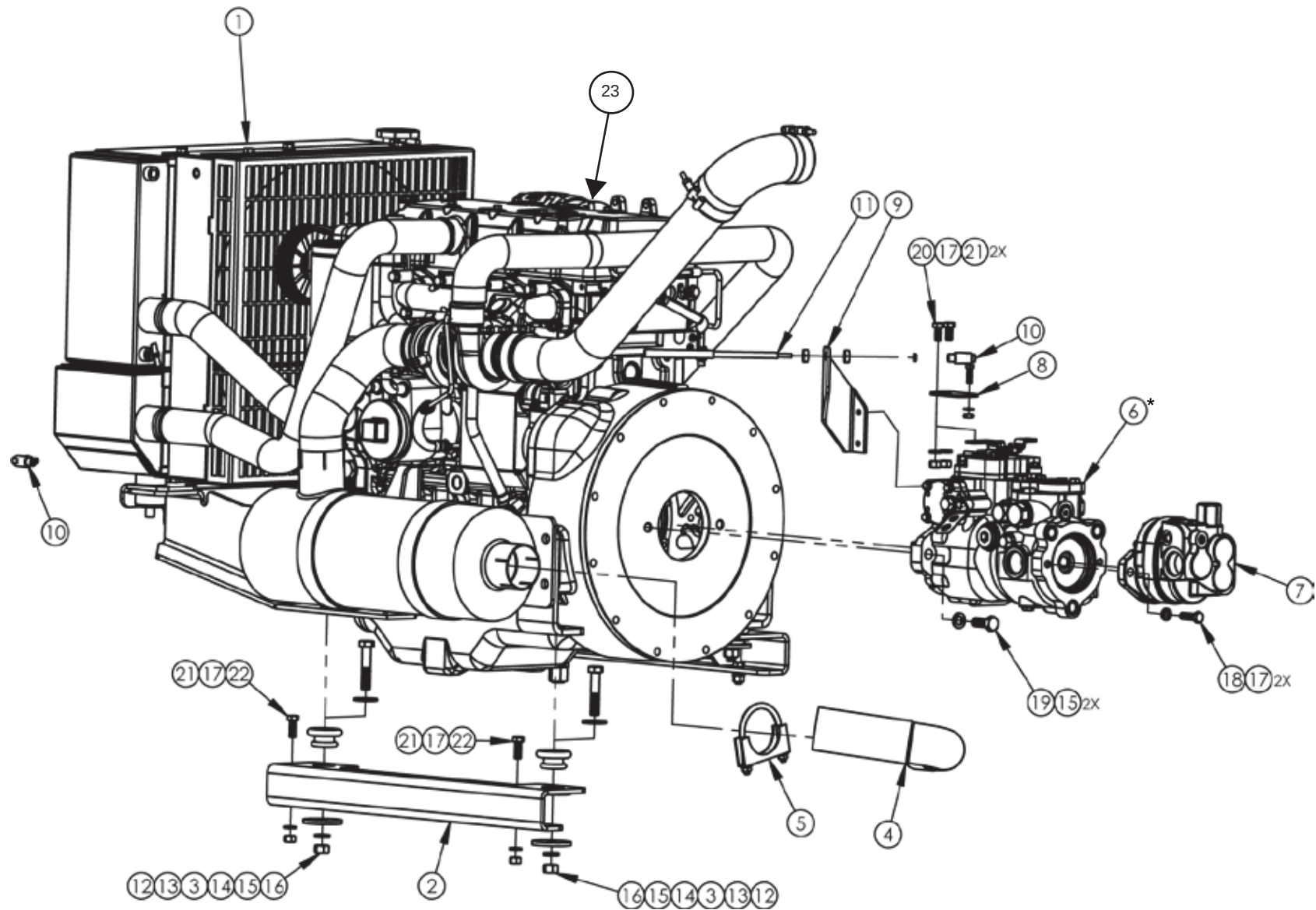
** #21 VIBRATOR / SHAKER ADDITIONAL ITEMS

71.P358105 HYDRAULIC MOTOR SHAFT SEAL

71.P358107 HYDRAULIC MOTOR

71.P358108 DRIVE COUPLING ASSEMBLY

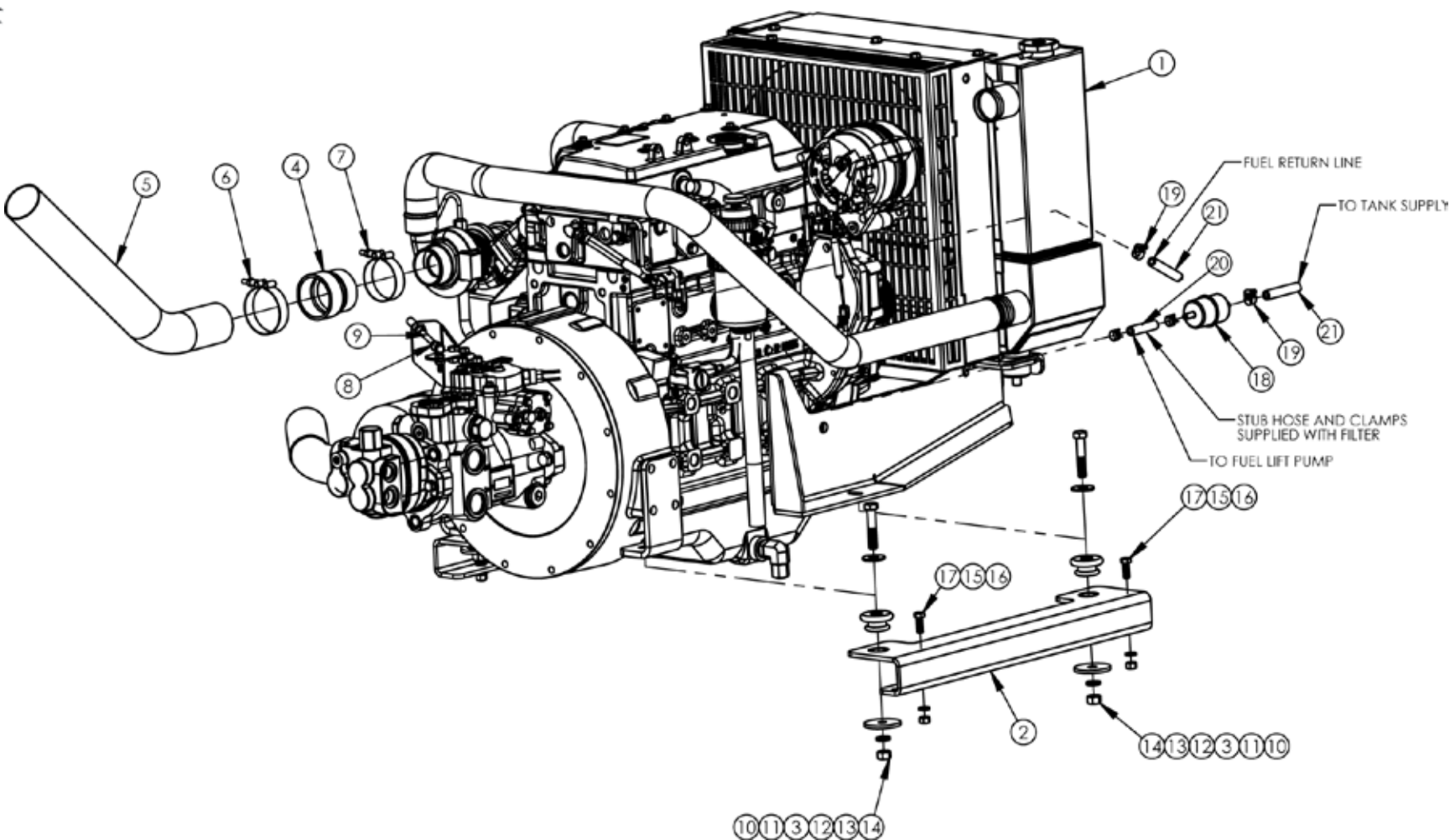
ENGINE/PUMP (REAR VIEW) SCHEMATIC



ENGINE/PUMP (REAR VIEW) LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370445	RADIATOR / INTERCOOLER
2	1	500046	MTG BASE WLD: ENGINE LH JD4024
3	4	P133072	MOUNT: ISOLATOR CB-1121-2
4	1	500321	WELD; EXHUAUST ELBOW
5	1	P128930	CLAMP, MUFFLER 2 1/2"
6*	1	P556560	PUMP: TRAN M46
7	1	P555120	PUMP: LS GEAR 26307-RAD
8	1	003656	TAB: TRANS CONTROL EXT
9	1	005262	BRACKET: PROPEL CABLE
10	2	P126330	BALL JOINT: 10-32F 5/16M
11	2	P115852	CABLE, PUSH/PULL
12	4	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
13	4	P850108	WASHER: FLAT 1/2" ZP
14	4	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
15	6	P851108	WASHER: LOCK 1/2" ZP
16	4	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
17	8	P851106	WASHER: LOCK 3/8" ZP
18	2	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
19	2	P100805	BOLT: HEX, 1/2" X 1-1/4"
20	2	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
21	6	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
22	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
23	1	P370460	ENGINE: JD 4024HF295

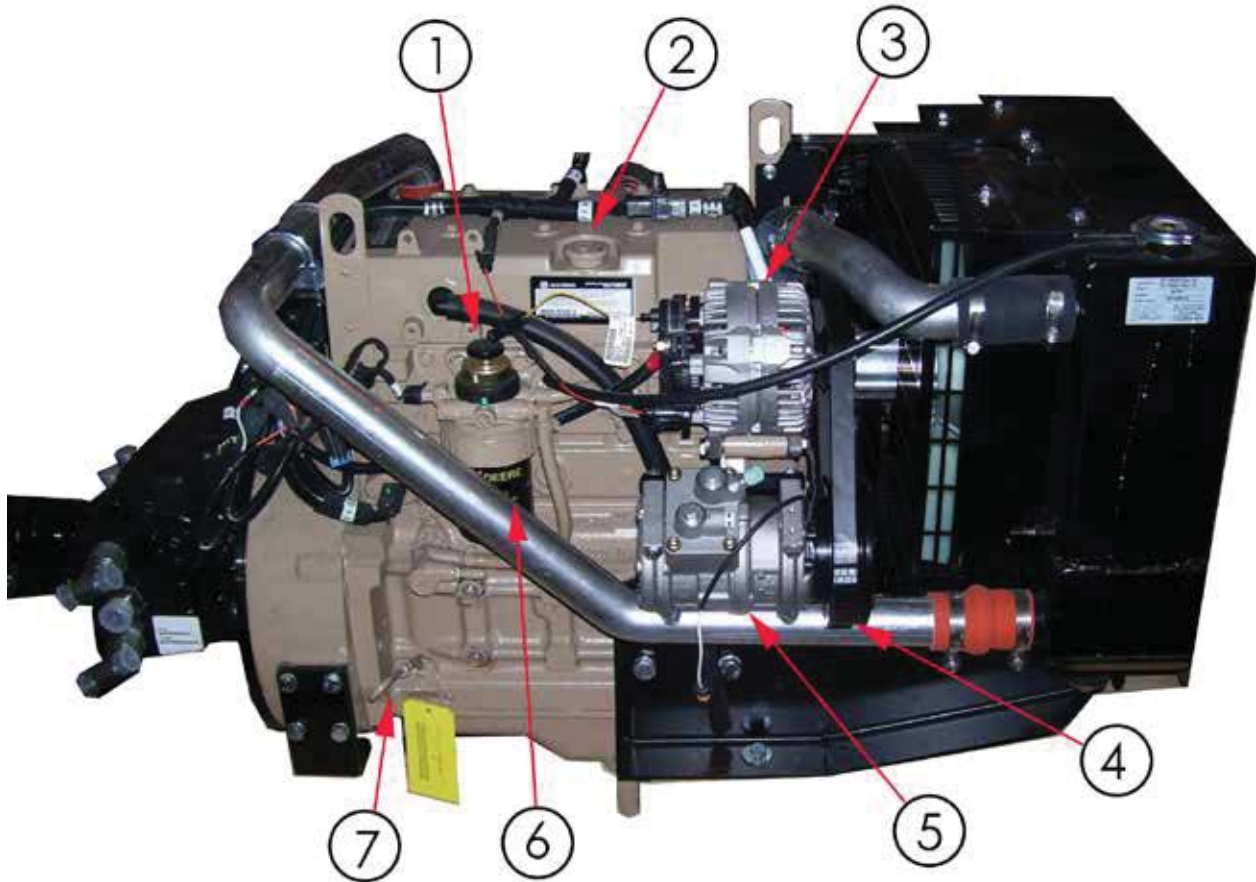
* 71.P298161 NEUTRAL SAFETY SWITCH M46 (NOT SHOWN)



ENGINE/PUMP (FRONT VIEW) LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370445	RADIATOR / INTERCOOLER
2	1	500045	MTG BASE WLD: ENGINE RH JD4024
3	4	P133072	MOUNT: ISOLATOR CB-1121-2
4	1	P269205	HOSE: A/C REDUCER 2.5" X 2.25"
5	1	500053	ELBOW: AIR INTAKE TUBE
6	1	P128860	CLAMP: T BOLT BAND 2 1/2" CLAMP: T
7	1	P128855	BOLT BAND 2 1/4"
8	2	P126330	BALL JOINT: 10-32F 5/16M
9	2	P115852	CABLE, PUSH/PULL
10	4	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
11	4	P850108	WASHER: FLAT 1/2" ZP
12	4	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
13	6	P851108	WASHER: LOCK 1/2" ZP
14	4	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
15	8	P851106	WASHER: LOCK 3/8" ZP
16	6	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
17	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP FILTER,
18	1	P371650	FUEL IN LINE
19	2	P128702	CLAMP: HOSE, SIZE 02
20	1	R99000703	HOSE: FUEL LINE, 5/16 ID
21	2	R99000703	HOSE: FUEL LINE, 5/16 ID

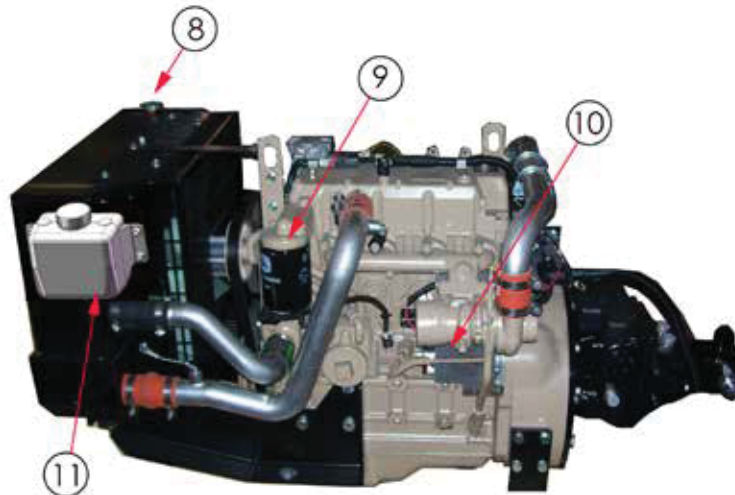
ENGINE SERVICE



FRONT ENGINE VIEW

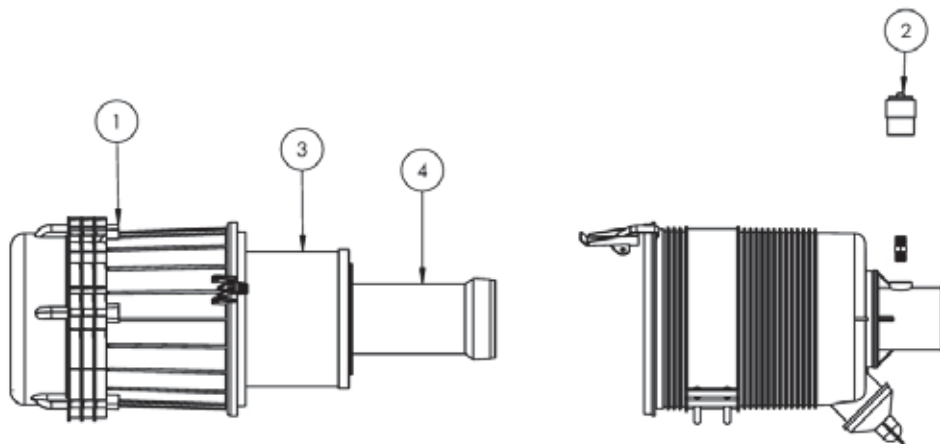
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370466	FUEL PRIMING PUMP
2		N/A	ENGINE OIL FILL CAP
3	1	P370452	ALTERNATOR
4	1	P066202	SERPENTINE BELT WITH A/C
*	1	P063020	* SERPENTINE BELT WITHOUT A/C*
5	1	P117120	AIR COND COMPRESSOR
6	1	P371622	FUEL FILTER
7	1	P370461	ENGINE OIL DIPSTICK

ENGINE SERVICE

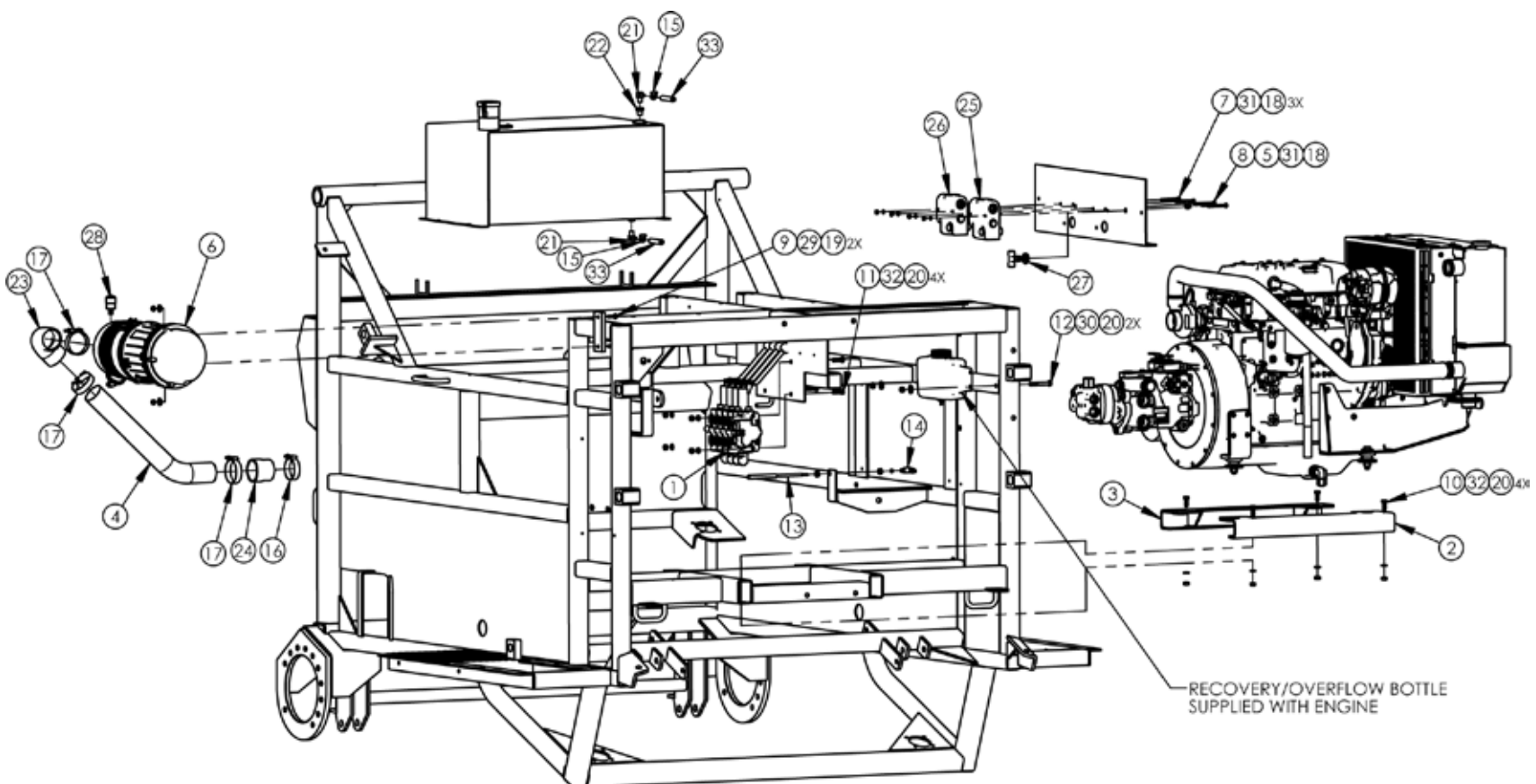


REAR ENGINE VIEW

<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
8	1	P370448	RADIATOR FILL CAP
9	1	P371570	ENGINE OIL FILTER
10	1	P370351	STARTER MOTOR
11	1	P370453	OVER FLOW BOTTLE



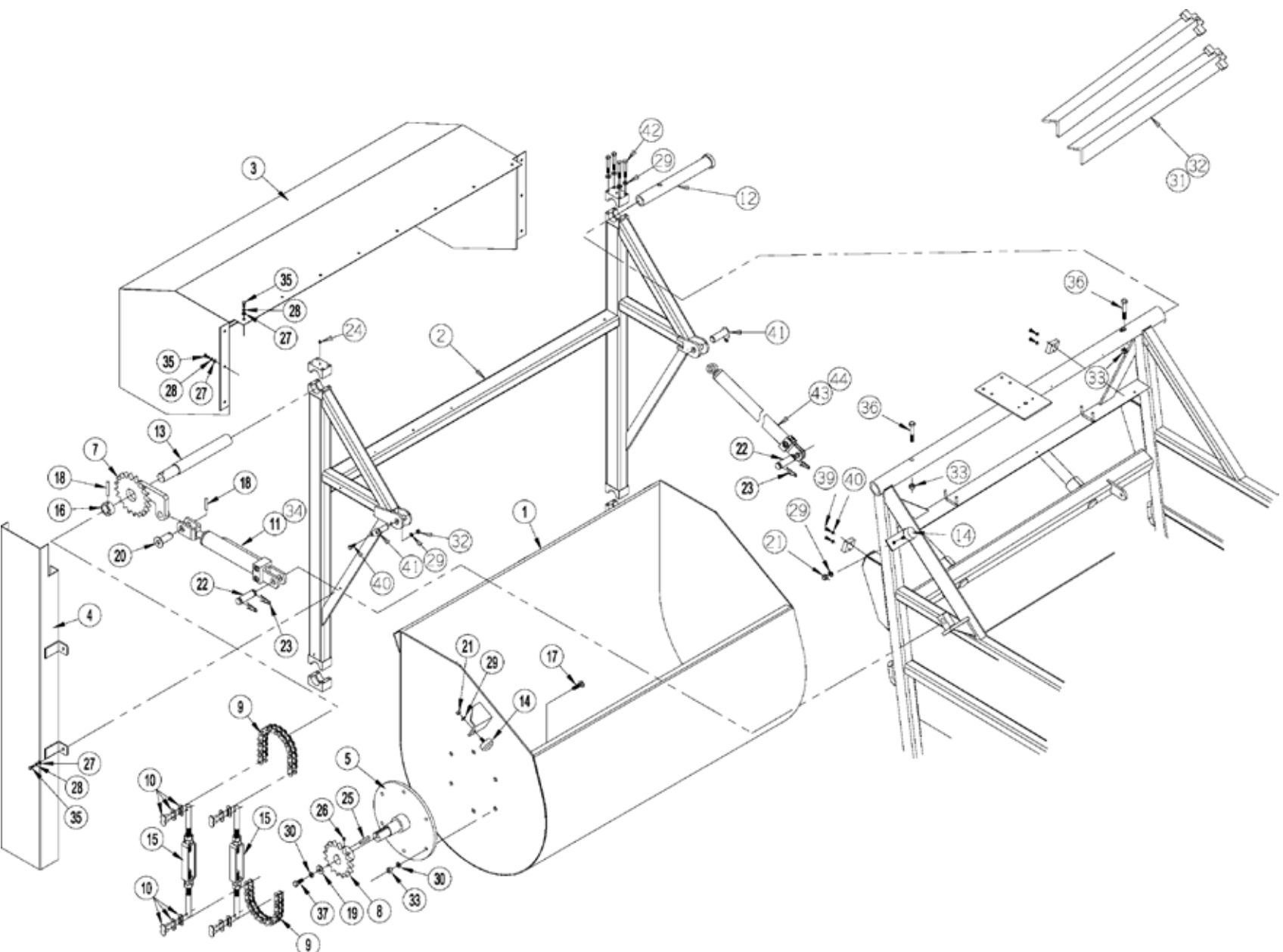
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
2	1	P297160	GAUGE: IND A/C DON #RAX002351
3	1	P371366	FILTER: AIR ELE PRIME 3-E1 ENG
4	1	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG



VALVE LEGEND

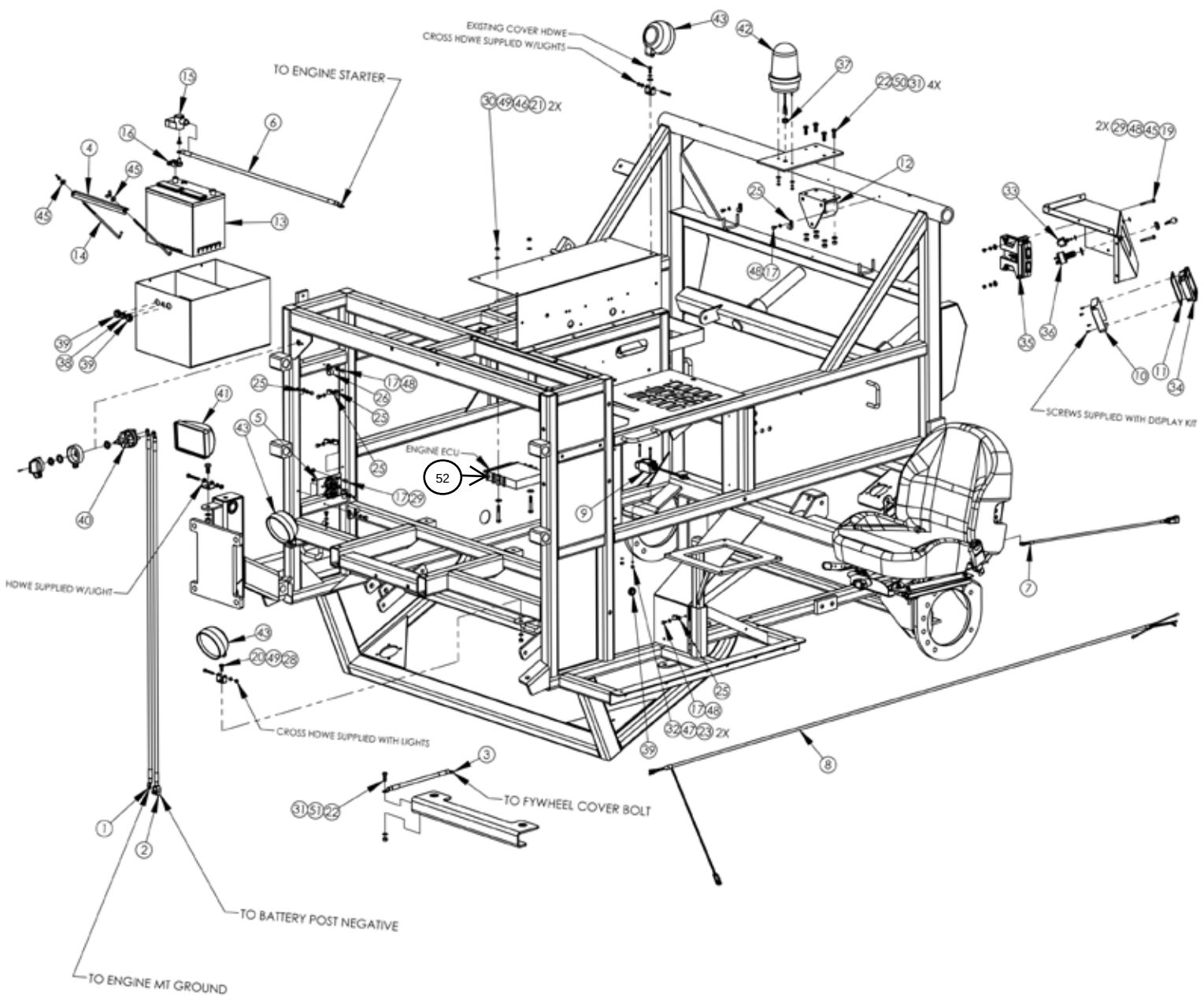
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	500494	ASSY: HUSCO VALVE
2	1	500045	MTG BASE WLD: ENGINE RH JD4024
3	1	500046	MTG BASE WLD: ENGINE LH JD4024
4	1	500053	ELBOW: AIR INTAKE TUBE
5	1	550127	SPACER, VALVE STOP
6	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
*	1	P371366	FILTER: AIR ELE PRIME 3-E1 ENG
*	1	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG
7	3	P100410	BOLT: HEX, 1/4"NC X 2-1/2" GR5
8	1	P100411	1/4-20 X 2-3/4 HEX BOLT
9	2	P100504	BOLT: HEX, 5/16" NC X 1" GR5
10	4	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
11	4	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
12	2	P100611	BOLT: HEX 3/8-16 X 2-3/4
13	1	P115852	CABLE, PUSH/PULL
14	1	P126330	BALL JOINT: 10-32F 5/16M
15	2	P128702	CLAMP: HOSE, SIZE 02
16	1	P128855	CLAMP: T BOLT BAND 2 1/4"
17	3	P128860	CLAMP: T BOLT BAND 2 1/2"
18	4	P155250	NUT: HEX, 1/4" TOP-LOCK
19	2	P155350	NUT: HEX, 5/16 TOP-LOCK
20	10	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
21	2	P267140	FITTING: 4MP 5HB BRASS
22	1	P267320	FITTING: REDUCER 6MP 4FP
23	1	P269006	HOSE: A/C ELBOW 2.5" ID
24	1	P269205	HOSE: A/C REDUCER 2.5" X 2.25"
25	1	P294150	VALVE: BRAND FC55-10-SAE*37
26	1	P294160	VALVE: BRAND FC51-10-SAE
27	1	P294300	VALVE: NEEDLE NVG
28	1	P297160	GAUGE: IND A/C DON #RAX002351
29	2	P850105	WASHER: FLAT 5/16" ZP
30	2	P850106	WASHER: FLAT 3/8" ZP
31	4	P851104	WASHER: LOCK 1/4"
32	8	P851106	WASHER: LOCK 3/8" ZP
33	2	R99000703	HOSE: FUEL LINE, 5/16 ID

BOOM AND HOPPER SCHEMATIC



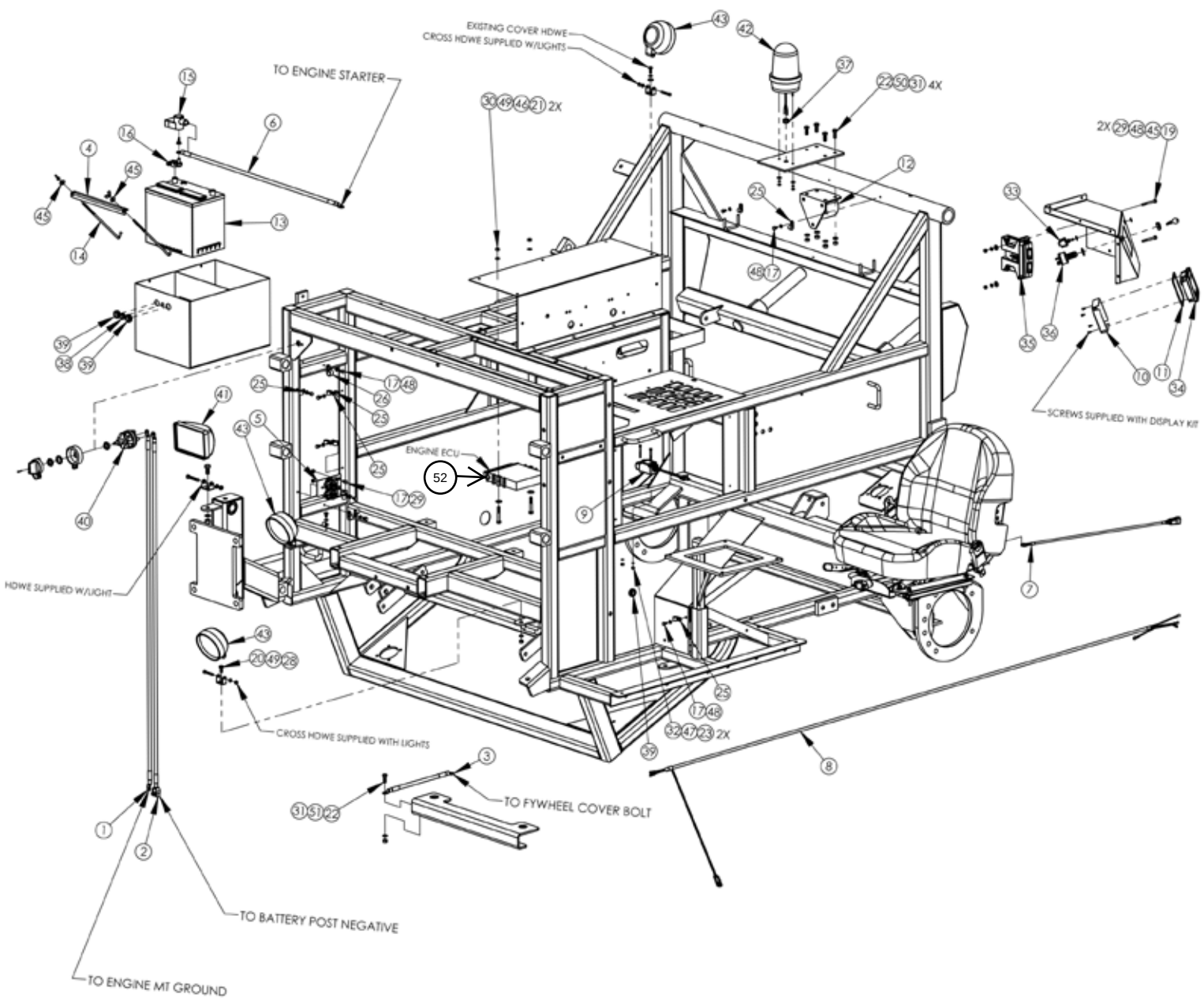
BOOM AND HOPPER LEGEND

ITEM	QTY.	PART #	DESCRIPTION
1	1	005278	WLD: HOPPER, HD
2	1	500484	WLDT: BOOM 5450 HOPPER
3	1	00124W	HOOD: WLD, (RA)
4	1	005283	GUARD: CHAIN, ROLL-OVER
5	1	005272	WLD: SPUD PLATE, RIGHT
6	1	005271	WLD: SPUD PLATE, LEFT
7	1	003032	CRANK: HOPPER
8	1	000267W	SPROCKET: HOP-DRVN, 16T (RA)
9	2	005095	CHAIN: HOPPER R/O 4000
10	4	P630301	CHAIN LINK: #80 CONNECTING
11	1	P259330	CYLINDER: 2B X 8S W/CAV CH
*	REF	P294250	VALVE: PILOT CHECK CARTRIDGE
*	REF	P259306	SEAL KIT: CYL RKT2-0096
12	1	000243W	BOOM SWIVEL WLD: LH
13	1	000292M	BOOM SWIVEL: RH (RB)
14	2	000358M	STOP: RUBBER
15	2	000268A	ASSY: TURNBUCKLE 5000
16	1	000274M	COLLAR: HOP CRANK
17	12	P104806	BOLT: CARRIAGE, 1/2" X 1-1/2" GR5
18	2	P122608	PIN: ROLL, 3/8" X 2"
19	2	M5462	WASHER: FLAT 3/16" X 2 1/4" O.D.
20	1	002523	PIN: R/O CYL
21	2	P150600	NUT: HEX, 3/8" N.C. GR 5
22	3	P120850	PIN: CLEVIS, 1"
23	6	P118010	PIN: CLEVIS, CLIP
24	4	P620200	FITTING: GREASE, 1/4"-28 STRT
25	1	000069M	KEY: 3/8 X 2-1/2
26	1	P108604	SCREW: SET, 3/8-16 NC X 1/4"
27	20	P850104	WASHER: FLAT ZINC-1/4"
28	20	P851104	WASHER: LOCK 1/4"
29	12	P851106	WASHER: LOCK 3/8"
30	14	P851108	WASHER: LOCK 1/2"
31	2	P259999	12" CINCH STRAP
32	2	003667	CYLINDER STOP: BOOM 5000 (RA)
33	14	P155850	NUT: HEX, 1/2" TOP-LOCK
34	1	P294250	VALVE: PILOT CHECK CARTRIDGE
35	20	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5 ZN
36	2	P100812	BOLT: HEX, 1/2" X 3"GR.5ZINC
37	2	P100805	BOLT: HEX, 1/2" X 1-1/4"
38	2	P605000	SPRING: BUMPER REC-006 80A DUROMETER
39	4	P110402	BOLT: SOC HD, 1/4-20 X 1/2"
40	2	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
41	2	480087	PIN: 1 X 3 CYLINDER
42	15	P100610	BOLT: HEX, 3/8"NC X 2-1/2" GR5 ZN
43*	2	P259335	CYLINDER: 2B X 42S W/CAV & 1" PIN BOSS *SEAL KIT P/N: P259316
44	2	P294260	VALVE: COUNTERBALANCE CHECK



CONTROL AND ELECTRICAL LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	004967	CABLE: BATTERY 54" 3/8 X 3/8 BLK
2	1	004968	CABLE: BATTERY 54" 3/8 X NLUG
3	1	004992	CABLE: BATTERY 12" 3/8 X 3/8 BLK
4	1	005067	ANGLE: BATTERY HOLD DOWN
5	1	500088	BRACKET; RELAY
6	1	500170	CABLE: BATTERY 60" 3/8 X 3/8 RED
7	1	500490	HARNESS: SEAT ADAPTER
8	1	500491	CABLE: REVERSE ALARM/BEACON
9	1	500492	SWITCH ASM: REVERSE ALARM
10	1	DP250 CLAMP	DP250 CLAMP
11	1	DP250 GASKET	DP250 GASKET
12	1	P001720	ALARM: BACK-UP, PRECO 45AA
13	1	P002300	BATTERY: EXIDE 24F60
14	1	P002500	KIT: BATTERY HOLD DOWN BOLT
15	1	P002502	BOOT: BATTERY LUG MARINE
16	1	P002620	BATTERY LUG: MARINE
17	24	P100402	1/4-20 X 1/2" HEX BOLT
18	1	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
19	2	P100410	BOLT: HEX, 1/4"NC X 2-1/2" GR5
20	2	P100503	BOLT: HEX, 5/16"NC X 3/4"GR5
21	2	P100509	BOLT, HEX 5/16-18 X 2-1/4
22	5	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
23	2	P110107	BOLT: SHCS 10-32 X 1-3/4"
24	2	P111301	NUT: HEX #10-32 MACHINE
25	21	P128902	CLAMP: INSULATED 1/2"
26	3	P128903	CLAMP: INSULATED 3/4"



CONTROL AND ELECTRICAL LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
27	1	P128904	CLAMP: TUBING INSULATED 1"
28	2	P150500	NUT: HEX 5/16-18
29	4	P155250	NUT: HEX, 1/4" TOP-LOCK
30	2	P155350	NUT: HEX, 5/16 TOP-LOCK
31	5	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
32	2	P158010	NUT: HEX, #10-32 NYLOCK SS
33	1	P295001	SWITCH: TOGGLE SPST
34	1	P296826	DISPLAY: PLUS1 DP250
35	1	P296829	MICRO-CONTROLLER MC024
36	1	P298140	KEYSWITCH
37	1	P297375	GROMMET: 3/8 BORE
38	1	P297380	GROMMET: 1/2 BORE
39	3	P297625	GROMMET: 5/8 BORE
40	1	P298151	SWITCH: MASTER #44076
41	1	P312100	LIGHT: HEAD
42	1	P312600	LIGHT: STROBE
43	3	P312700	LIGHT: WORKING
44	2	P850103	WASHER: FLAT ZINC 3/16"
45	5	P850104	WASHER: FLAT 1/4" ZP
46	2	P850105	WASHER: FLAT 5/16" ZP
47	4	P851103	WASHER: LOCK 3/16"
48	25	P851104	WASHER: LOCK 1/4"
49	4	P851105	WASHER: LOCK 5/16"
50	4	P851106	WASHER: LOCK 3/8" ZP
51	1	P851206	WASHER: LOCK EXTERNAL/INTERNAL 3/8
*	1	500051	HARNESS: WIRE 4024 DEERE MAIN - (not shown)
52	1	71.P296830	ECU: DEERE 4024 ENGINE

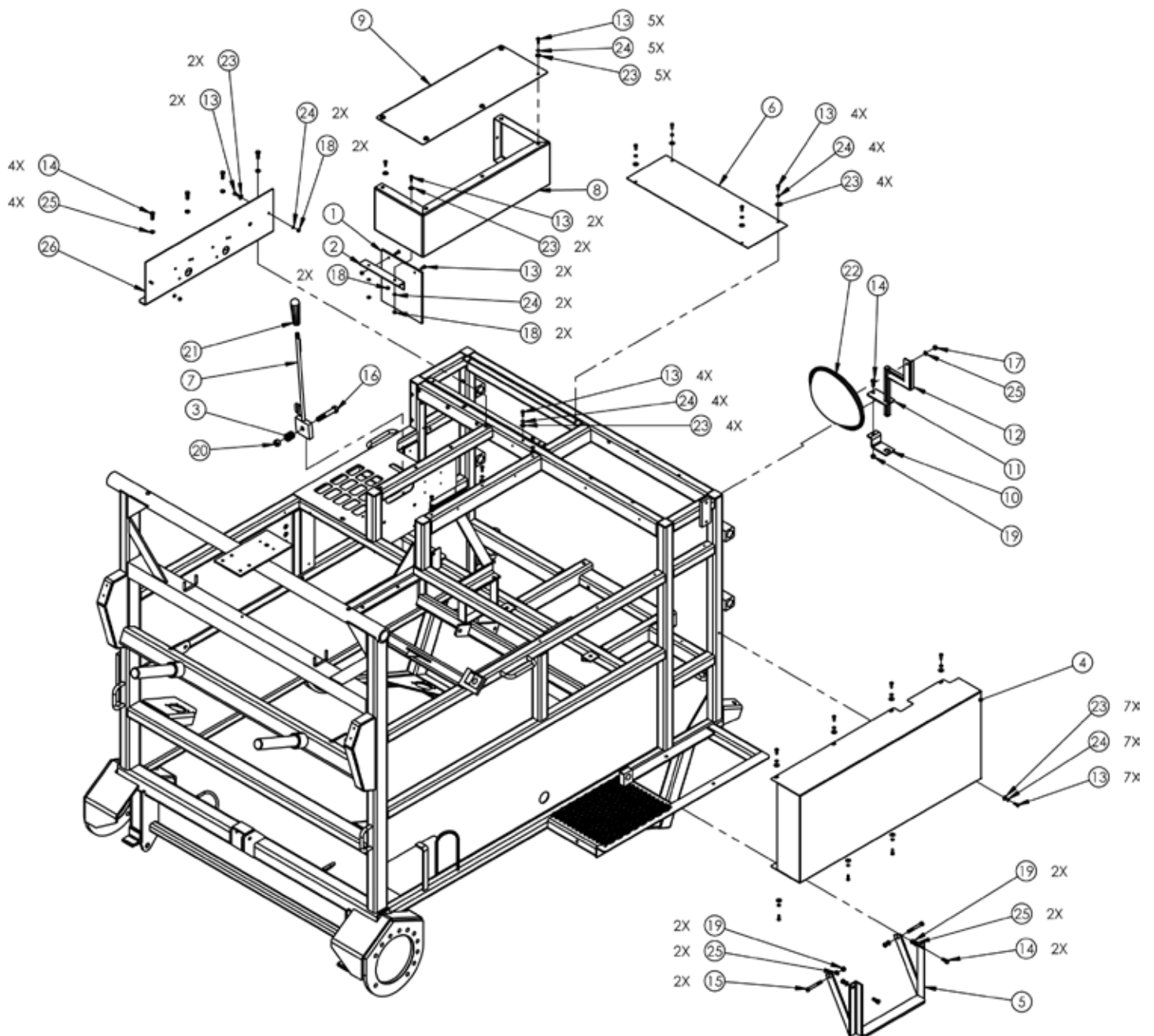


OPERATOR STATION LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	000302W	BOLT, SEAT POST
2	1	002319	FLAP, VIEW COVER
3	1	002320	BAR, FLAP VIEWING
4	1	003186	SHIELD, LEFT SIDE
5	2	003412	BRACKET, BRUSH SEAL
6	2	003413	SEAL, BRUSH
7	1	004980	SHIELD, CYL BASE TOP
8	1	004981	SHIELD, CYL BASE TOP
9	1	005346	STEERING BOX: 5000
10	1	005349	COVER, STEERING BOX
11	1	005350	FOOT PLATFORM
12	1	500031	TUBE: JACK STORAGE
13	1	500167	ASM: CANOPY, 5000 ROPS/FOPS
14	1	500313	MT: CONTROL PANEL D/F DP250
15	1	500480	WLD: POST, SEAT
16	1	500489	WLD: PANEL REAR VIEW
17	14	P100402	1/4-20 X 1/2" HEX BOLT
18	21	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
19	3	P100404	BOLT: HEX, 1/4"NC X 1"GR5
20	1	P100410	BOLT: HEX, 1/4"NC X 2-1/2" GR5
21	4	P100605	BOLT: HEX, 3/8"NC X 1 1/4"GR5 ZN
22	2	P100610	BOLT: HEX 3/8-16 X 2-1/2
23	2	P100612	BOLT: HEX 3/8"-16NC X 3 GR5ZP
24	1	P100804	BOLT: HEX 1/2"-13 X 1"
25	2	P100805	BOLT: HEX, 1/2" X 1-1/4"
26	3	P100811	BOLT: HEX, 1/2" X 3"GR.5
27	1	P100813	BOLT: HEX 1/2-13 X 3-1/4"
28	1	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
29	4	P100820	BOLT: HEX 1/2"-13NC X 5 GR5ZP
30	2	P128950	HANGER, 4.5"
31	4	P150500	NUT: HEX 5/16-18
32	10	P155250	NUT: HEX, 1/4" TOP-LOCK
33	4	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
34	11	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
35	1	P301400	TOP LINK: TL174
36	1	P352205	POWER STEERING MOTOR
37	1	P600452	SEAT ARMREST LH
38	3	P500303	WASHER, RUBBER .25 X .75
39*	1	P600450	SEAT: SEATS INC 1110
40	1	P768500	WHEEL: STEERING
41	1	P768501	NUT, STEERING COLUMN
42	1	P768510	COLUMN: STEERING
43	19	P850104	WASHER: FLAT 1/4" ZP
44	4	P850106	WASHER: FLAT 3/8" ZP
45	10	P850108	WASHER: FLAT 1/2" ZP
46	36	P851104	WASHER: LOCK 1/4"
47	4	P851105	WASHER: LOCK 5/16"
48	8	P851106	WASHER: LOCK 3/8" ZP
49	11	P851108	WASHER: LOCK 1/2" ZP
50	2	P956801	ENDCAP, PVC 4"
51	1	P999000	BOX: OWNERS MANUAL

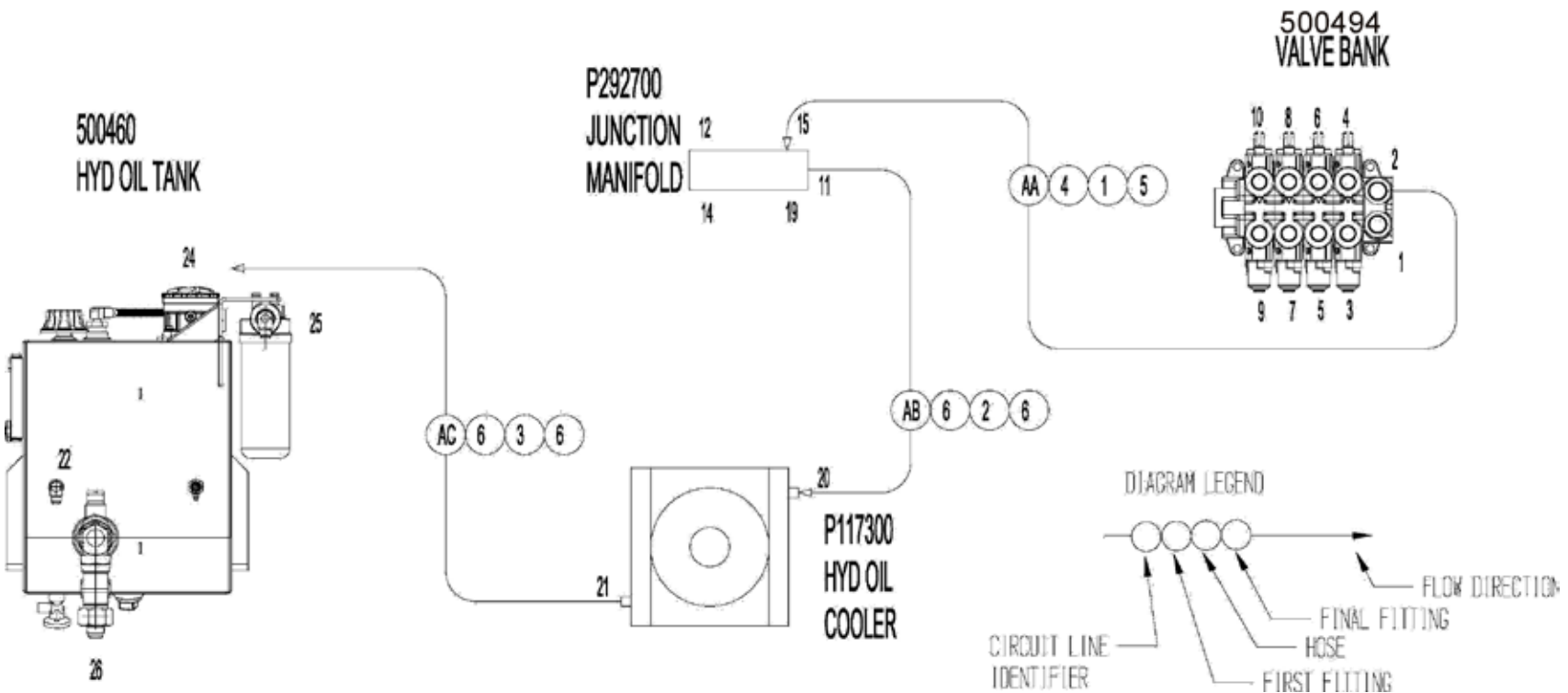
* 71.P600453 SEAT SAFETY SWITCH (NOT SHOWN)

SHIELD SCHEMATIC



SHIELD LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	002035	FLAP, VALVE
2	1	002036	BRACKET, VALVE FLAP
3	1	002145	SPRING, DIE 1.5"
4	1	003521	RIGHT SIDE SHIELD
5	1	004983	STEP, RIGHT SIDE
6	1	005036	BLANK: RAD SHIELD COVER
7	1	005263	LEVER: TRANS 5000
8	1	005288	ASSY, BOX SHIELD
9	1	005289	COVER, VALVE BOX
10	1	500038	MIRROR CLAMP OFFSET
11	1	500039	CLAMP: MIRROR FLAT
12	1	500136	MIRROR MT ASM
13	36	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
14	7	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
15	2	P100612	BOLT: HEX 3/8"-16NC X 3 GR5ZP
16	1	P101015	BOLT: HEX 5/8-11 X 3-3/4 GR8
17	1	P150600	NUT: HEX 3/8-16
18	9	P155250	NUT: HEX, 1/4" TOP-LOCK
19	5	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
20	1	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
21	1	P308100	KNOB, 1.38 X 1/2-13
22	1	P313000	MIRROR: SOLAR ECLIPSE
23	30	P850104	WASHER: FLAT 1/4" ZP
24	40	P851104	WASHER: LOCK 1/4"
25	9	P851106	WASHER: LOCK 3/8" ZP
26	1	R20126000	SHIELD: VALVE MTG



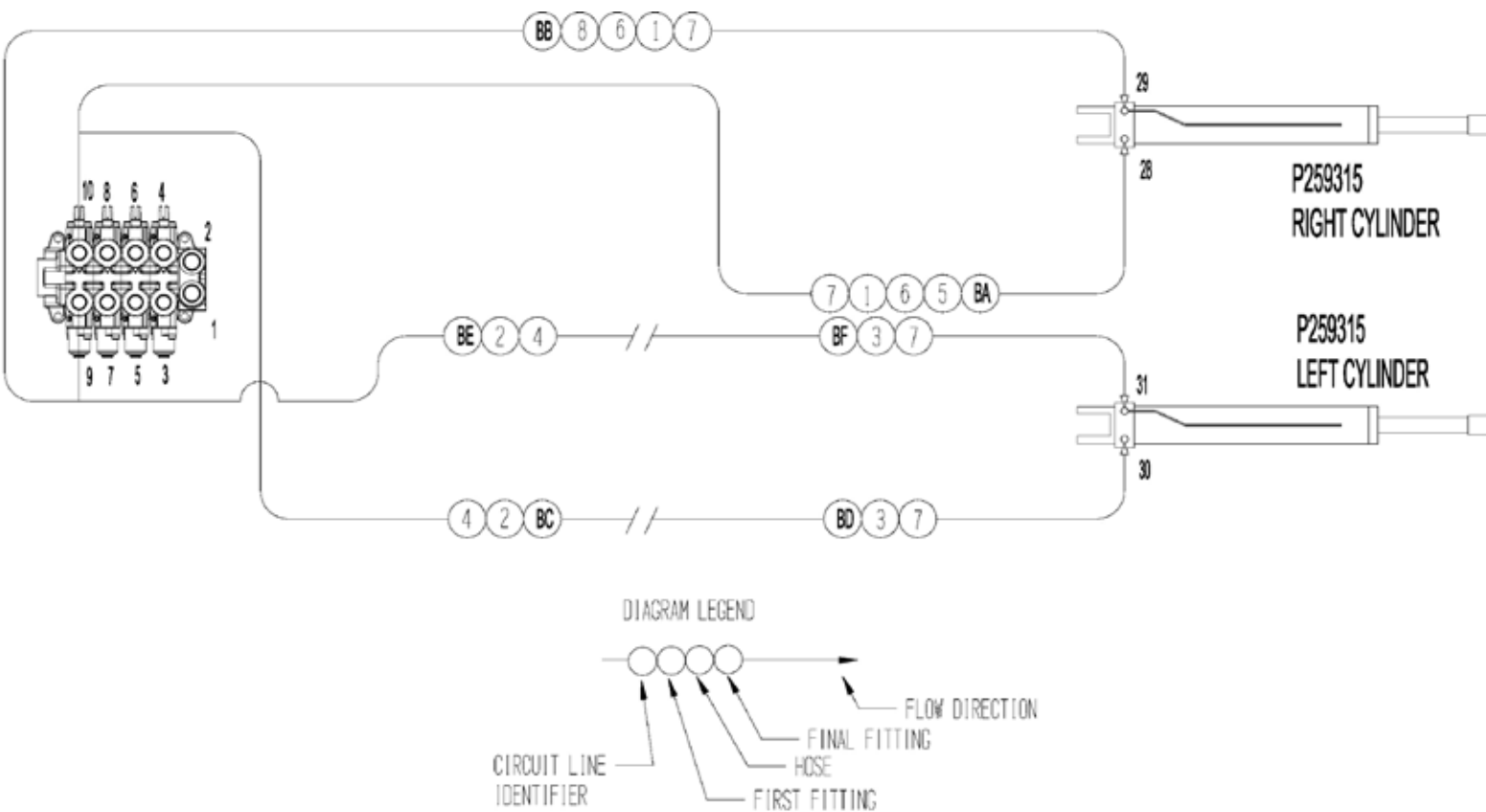
71.P117310 HYD COOLING FAN

OIL COOLER CIRCUIT LEGEND

500500 HYD CIRCUIT "A" 5450

<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P236052	HOSE - 12AM X 52" 12FJ 12FJ
2	1	P228045	HOSE - 16AM X 45" 16FJ 16FJ
3	1	P287039	HOSE - .16AX X 39" 16FJ 16FJ45
4	1	P276440	FITTING 12MJ 10MB
5	1	P276470	FITTING 12MJ 10MB90
6	4	P276700	FITTING 16MJ 16MB90

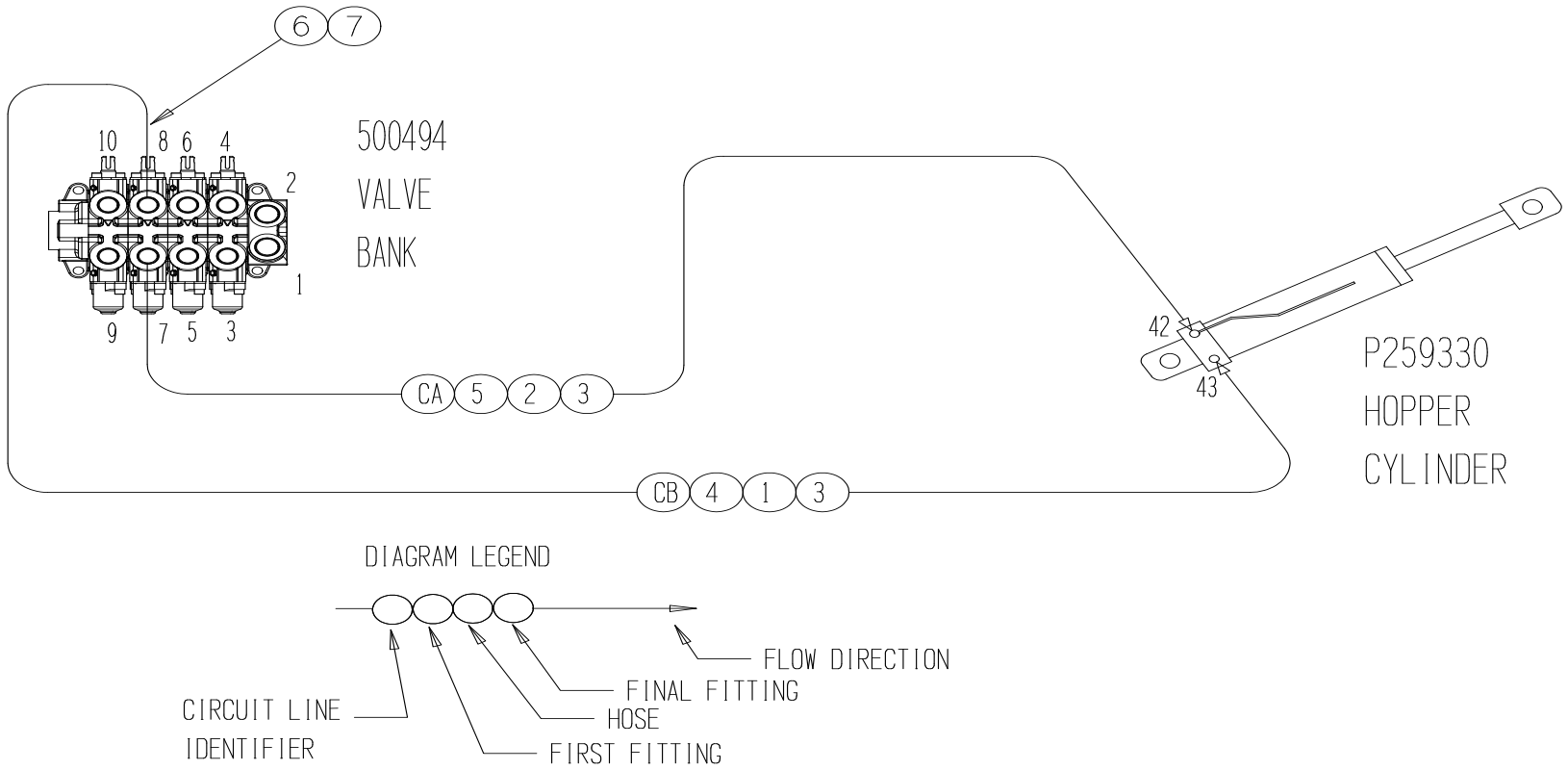
500494
VALVE
BANK



BOOM CIRCUIT LEGEND

500500 HYD CIRCUIT "B" 5450

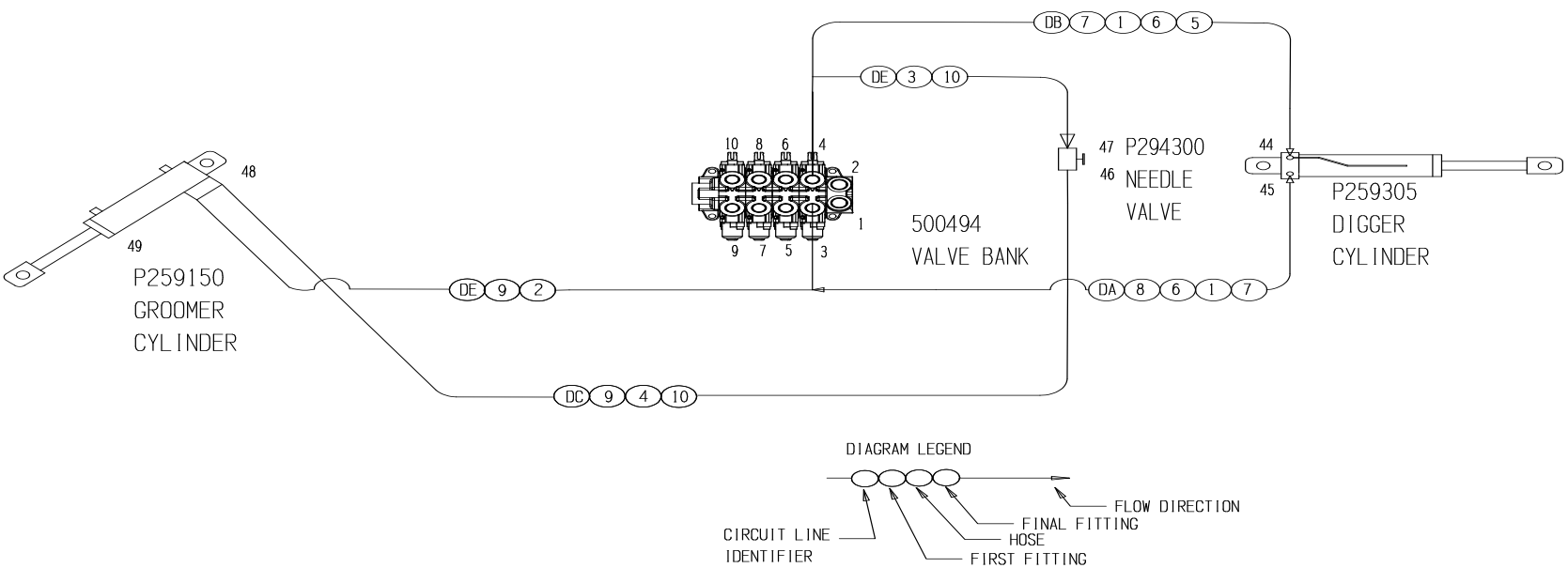
<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	P233059	HOSE - 6AM X 59" 6FJ 6FJ
2	2	P233025	HOSE - 6AM X 25" 6FJ 6FJ90
3	2	P233034	HOSE - 6AM X 34" 6FJ 6FJ90
4	2	P265405	FITTING 6MJ 6MJ45 BULKHEAD
5	1	P276120	FITTING 6MJ 8MB .115R
6	2	P265455	FITTING 6MJ 6FJX 6MJ
7	4	P261350	FITTING 6MJ 6MB90
8	1	P276110	FITTING 6MJ 8MB



HOPPER CIRCUIT LEGEND

500500 HYD CIRCUIT "C" 5450

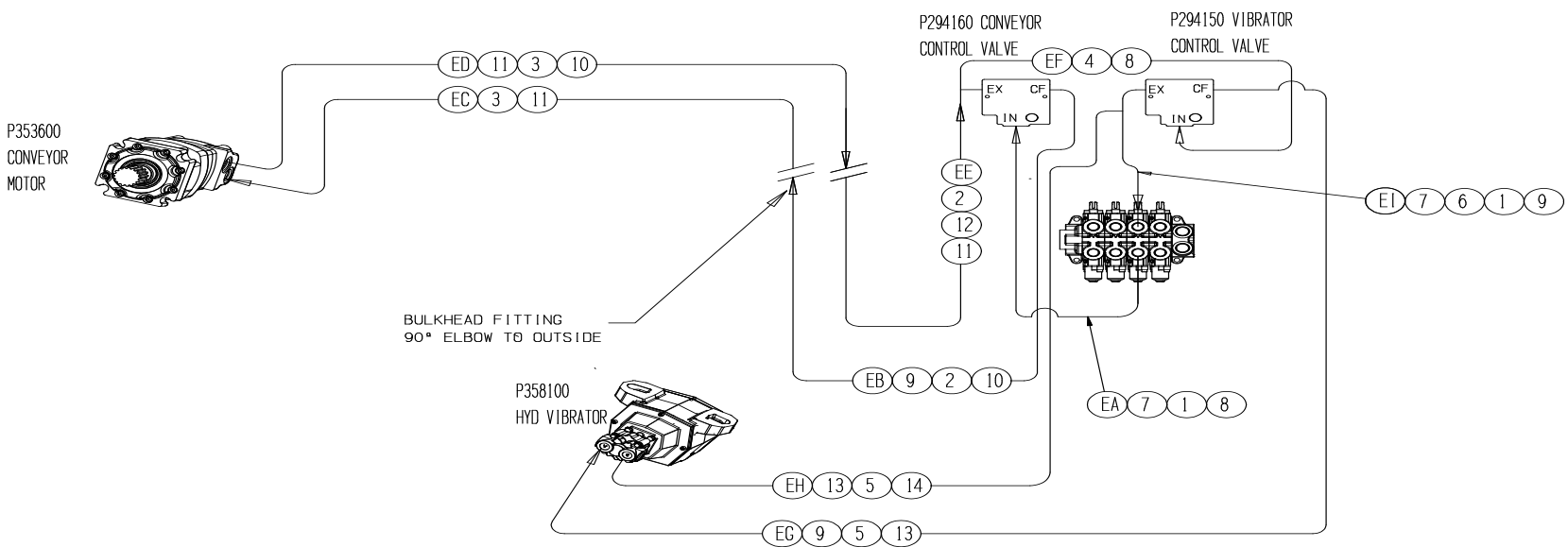
<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P233077	HOSE: AM-6 X 77" 8FJ 6FJ
2	1	P233078	HOSE: AM-6 X 78" 6FJ 6FJ
3	2	P261350	FITTING 6MJ 6MB90
4	1	P276320	FITTING 8MJ 8MB
5	1	P276130	FITTING 6MJ 8MB .030 REST.
6	1	P267280	FITTING GAGE NIPPLE
7	1	P115910	CAP- DUST, DIA. NIPPLE



DEPTH AND GROOMER CIRCUIT LEGEND

500500 HYD CIRCUIT "D" 5450

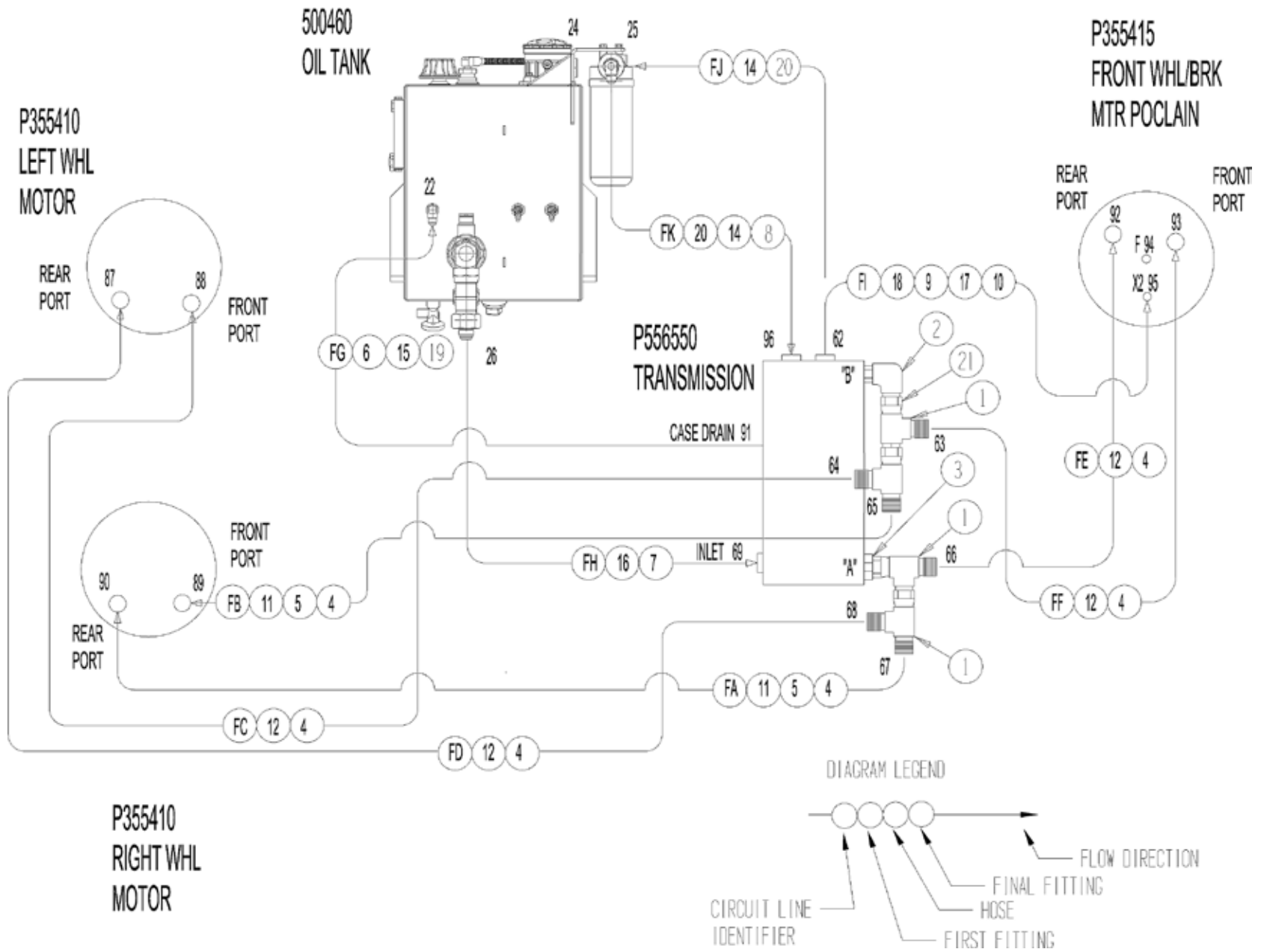
<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	P233124	HOSE - 6AM X 124" 6FJ 6FJ W/60" CORD
2	1	P233126	HOSE - 4AM X 126" 4FJ 6FJ90
3	1	P232024	HOSE - 4AM X 24" 4FJ 6FJ
4	1	P232150	HOSE - 4AM X 150" 4FJ 4FJ
5	1	P276110	FITTING 6MJ 8MB
6	2	P265455	FITTING 6MJ 6FJX 6MJ
7	2	P261350	FITTING 6MJ 6MB 90
8	1	P276140	FITTING 6MJ 8MB .065R
9	2	P261400	FITTING 4MJ 4MB90
10	2	P261410	FITTING 4MJ 4MP90



OSCILLATOR/CONVEYOR CIRCUIT LEGEND

500500 HYD CIRCUIT "E" 5450

ITEM#	QTY	PART #	DESCRIPTION
1	2	P234024	HOSE - 8AM X 24" 8FJ 8FJ
2	2	P234040	HOSE -8AM X 40" 8FJ 8FJ
3	2	P234053	HOSE - 8AM X 53" 8FJ 8FJ W/FULL CORDURA
4	1	P234932	HOSE -8AM X 32" 8FJ 8FJ90
5	2	P234128	HOSE -8AM X 128"8FJ 8FJ
6	1	P265655	FITTING: 8MJ 8FJX 8MJ
7	2	P276310	FITTING 8MJ 8MB
8	2	P261620	FITTING 8MJ 10MB 45
9	3	P261610	FITTING 8MJ 10MB 90
10	2	P265412	FITTING 8MJ 8MJ 90 BULK HD
11	3	P276430	FITTING 8MJ 10MB
12	1	P265650	FITTING 8MJ 8MJ 8FJX TEE
13	2	P261010	FITTING 8MJ 8MB 90
14	1	P261554	FITTING: 8MJ 8FJX90

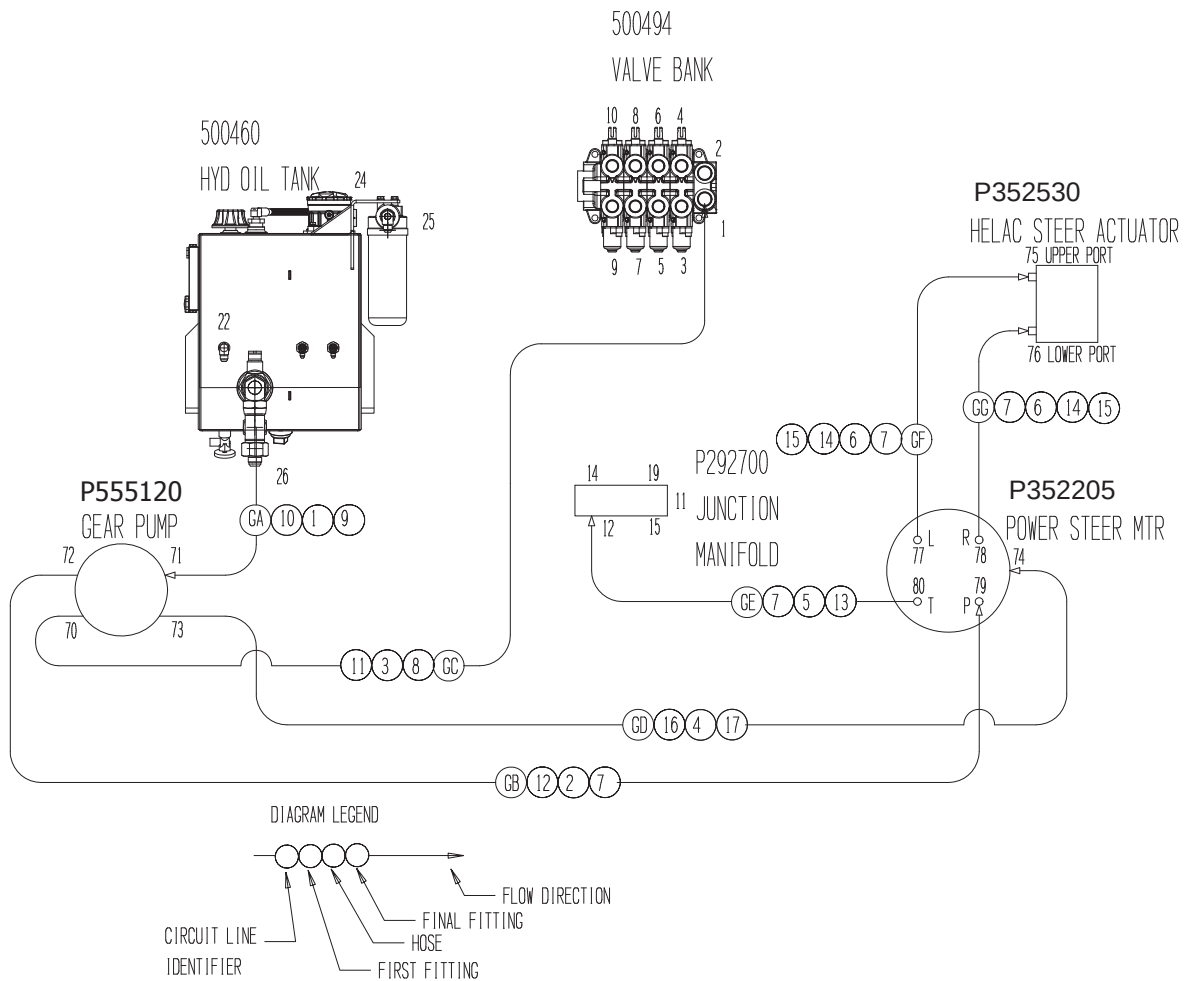


HYDROSTATIC PROPEL CIRCUIT LEGEND

500500 HYD CIRCUIT "F" 5450

<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	4	P276240	FITTING 10MFF 10FFF 10MFF
2	1	P276233	FITTING 16MB 12MFF90
3	1	P276222	FITTING 16MB 10MFF
4	6	P276218	FITTING 12MB 8MFF
5	2	P276229	FITTING 8MFF 8FFF90
6	1	P276456	FITTING 12MB 8MJ
7	1	P277110	FITTING 16MB 16MJ
8	1	P276200	FITTING 10MJ 10MB
9	1	P261465	FITTING 10FJ 4MJ
10	1	P261452	FITTING 4MJ 6MB
11	2	P224108	HOSE - 8 HTB X 108" 8FST 10FS90
12	2	P284148	HOSE - 8 HTB X 148" 8FS45 10FST
13	2	P284096	HOSE - 8 HTB X 96" 8FS90 10FST
14	2	P284048	HOSE - 10 X 48" 10FJ 10FJ 1000PSI
15	1	P234031	HOSE - 8 X 31" AM 8FJ 8FJ
16	1	P288038	HOSE - 16 SUCTION X 38"
17	1	P232100	HOSE - 4AM X 100" 4FJ 4FJ45
18	1	P265702	FITTING 10MB 10MJ-10MJTEE
19	1	P261010	FITTING 8MJ 8MB90
20	2	P276505	FITTING 10MJ 12MB90
21	1	P276221	FITTING 12FFF 10MFF

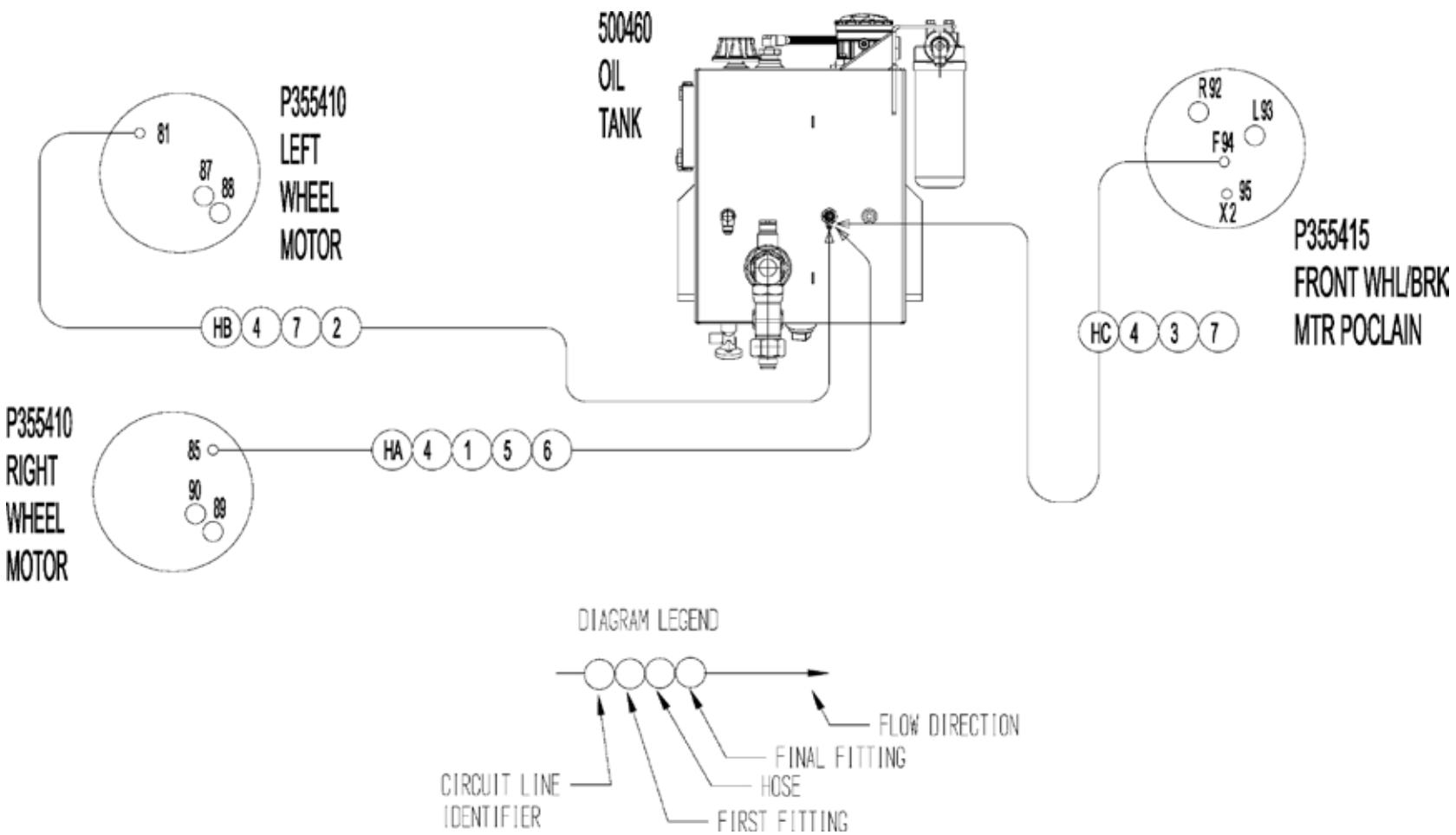
POWER STEERING CIRCUIT SCHEMATIC



POWER STEERING CIRCUIT LEGEND

500500 HYD CIRCUIT "G" 5450

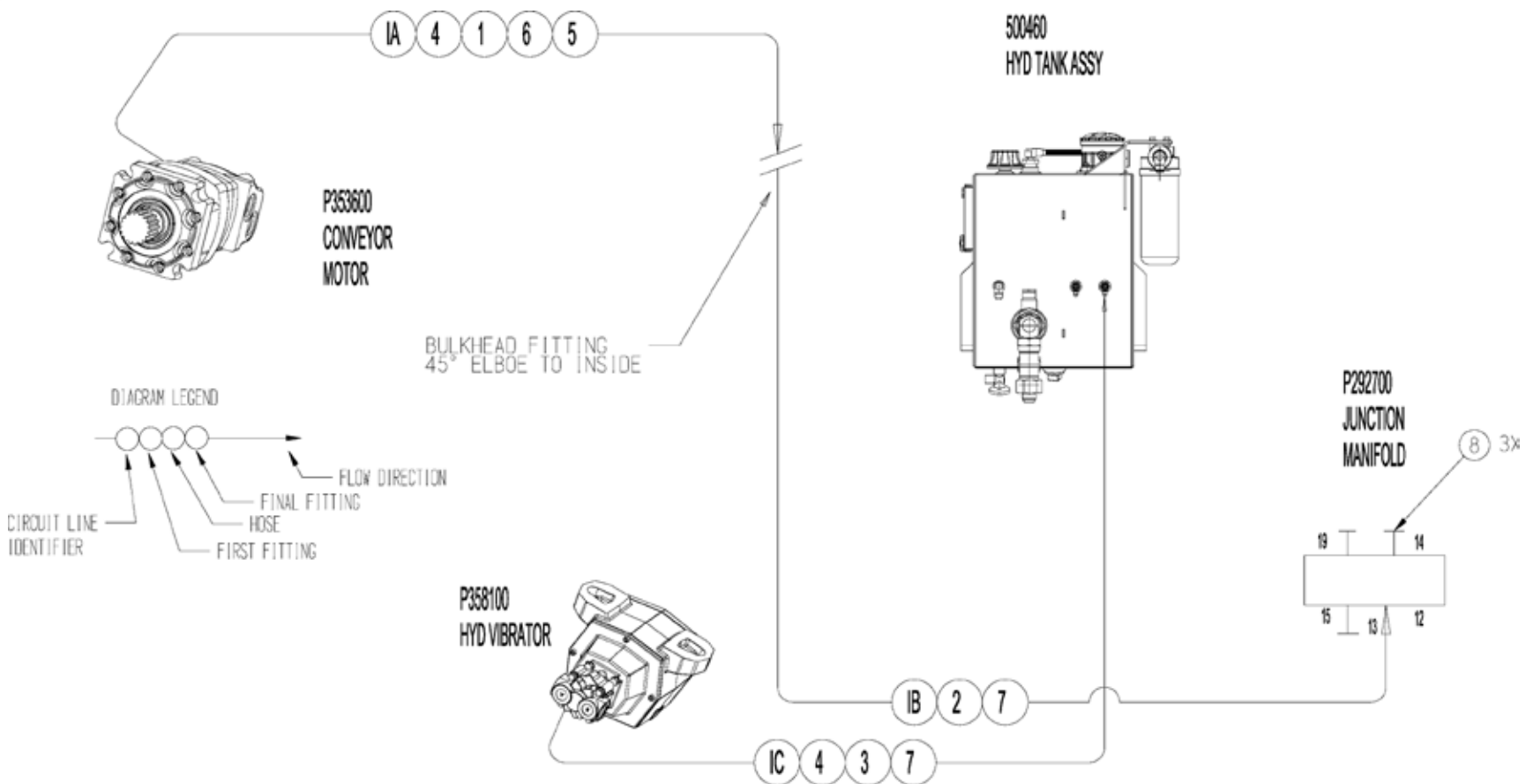
<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P289026	HOSE - 20C4X26' 20FJ 20FJ
2	1	P233123	HOSE - 6AM X 123" 6FJ 6FJ90 W/60" CORD.
3	1	P236075	HOSE - 12AM X 75" 12FJ 12FJ90
4	1	P232118	HOSE - 4AM X 118" 4FJ 4FJ W/60" CORD.
5	1	P233110	HOSE - 6AM X 110" 6FJ 6FJ W/60" CORD.
6	2	P233084	HOSE - 6AM X 84" 6FJ 6FJ WFULL CORD.
7	4	P276101	FITTING 6MJ 8MB
8	1	P276440	FITTING 12MJ 10MB
9	1	P277150	FITTING 20MJ 16MB
10	1	P278132	FITTING 24FJ 20MJ
11	1	P261480	FITTING 12MJ 10MB45
12	1	P261530	FITTING 6MJ 8MB90
13	1	P261350	FITTING 6MJ 6MB90
14	2	P261528	FITTING 6MJ 6FJX90
15	2	P276406	FITTING 6MJ 4MB
16	1	P261450	FITTING 4MJ 4MB
17	1	P261400	FITTING 4MJ 4MB90



PROPEL CASE DRAIN CIRCUIT LEGEND

500500 HYD CIRCUIT "H" 5450

<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P233994	HOSE - 6AM X 94" 6FJ 6FJ90
2	1	P233134	HOSE - 6AM X 134" 6FJ 6FJ90
3	1	P233445	HOSE - 6AM X 145" 6FJ 6FJ45
4	3	P276110	FITTING 6MJ 8MB
5	2	P265455	FITTING 6MJ 6FJX 6MJ
6	1	P261300	FITTING 6MJ 8MP90
7	2	P261528	FITTING 6MJ 6FJX



CONVEYOR CASE DRAIN SCHEMATIC

CONVEYOR CASE DRAIN LEGEND

500500 HYD CIRCUIT "I" 5450

<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P232955	HOSE - 4AM X 55" 6FJ 4FJ 90 LONG
2	1	P232078	HOSE - 4AM X 78" 6FJ 6FJ
3	1	P232108	HOSE - 4AM X 108" 4MJ 6MJ
4	2	P261400	FITTING 4MJ 4MB 90
5	1	P261528	FITTING 6MJ 6FJX 90
6	1	P265405	FITTING 6MJ 6MJ 45 BULK HD
7	2	P261350	FITTING 6MJ 6MB 90
8	3	P270920	PLUG: 10 MB