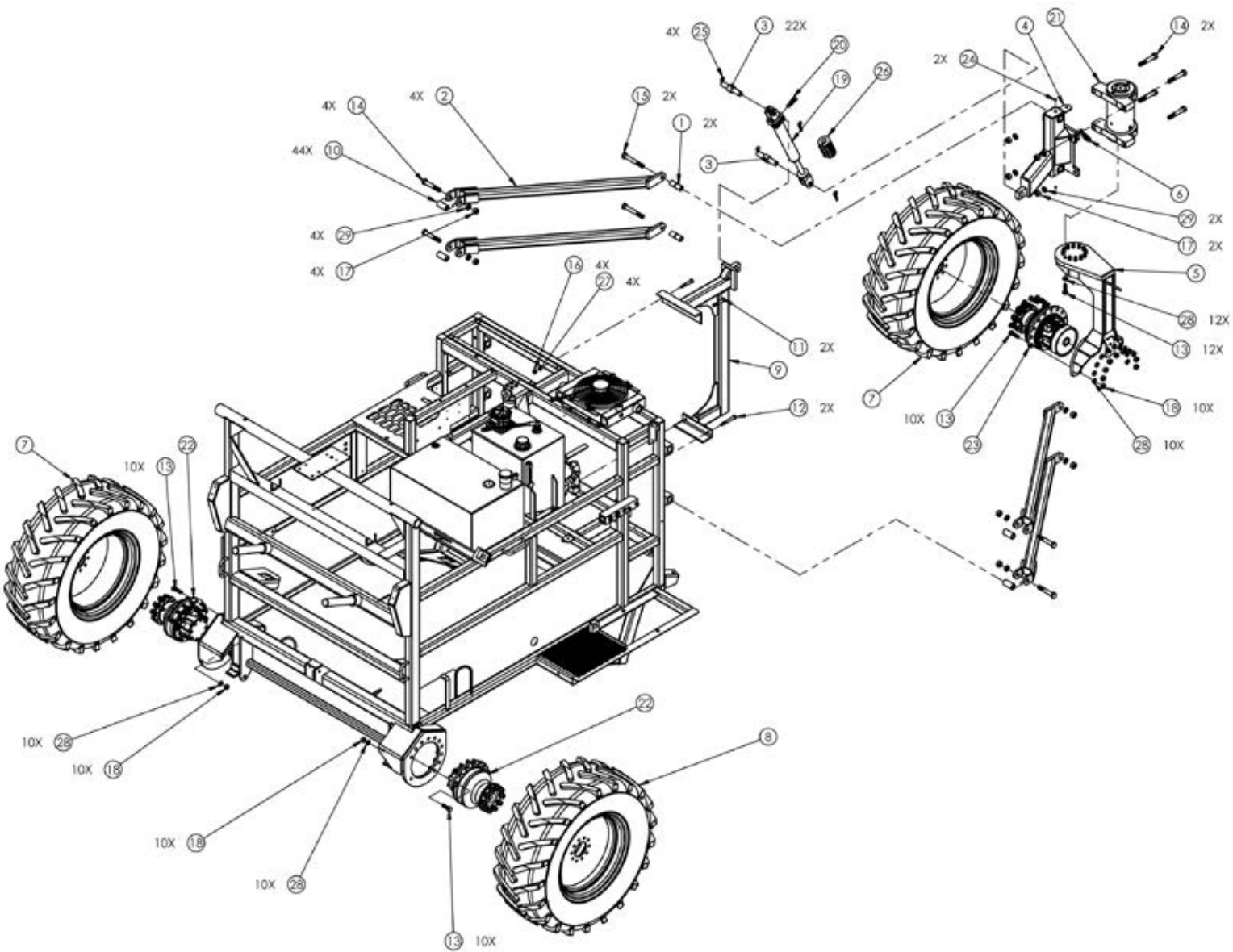


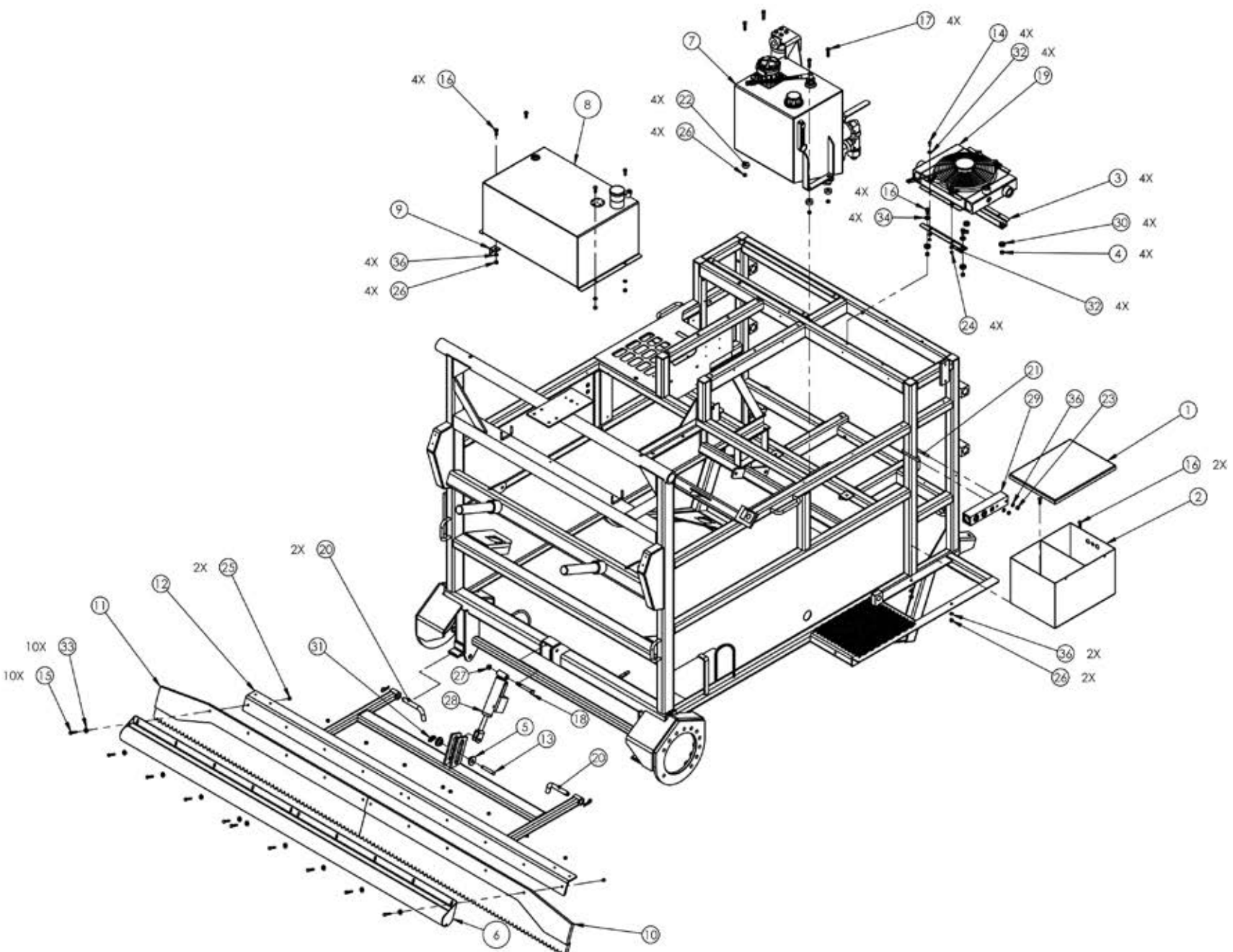
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WHEEL/STEERING LEGEND

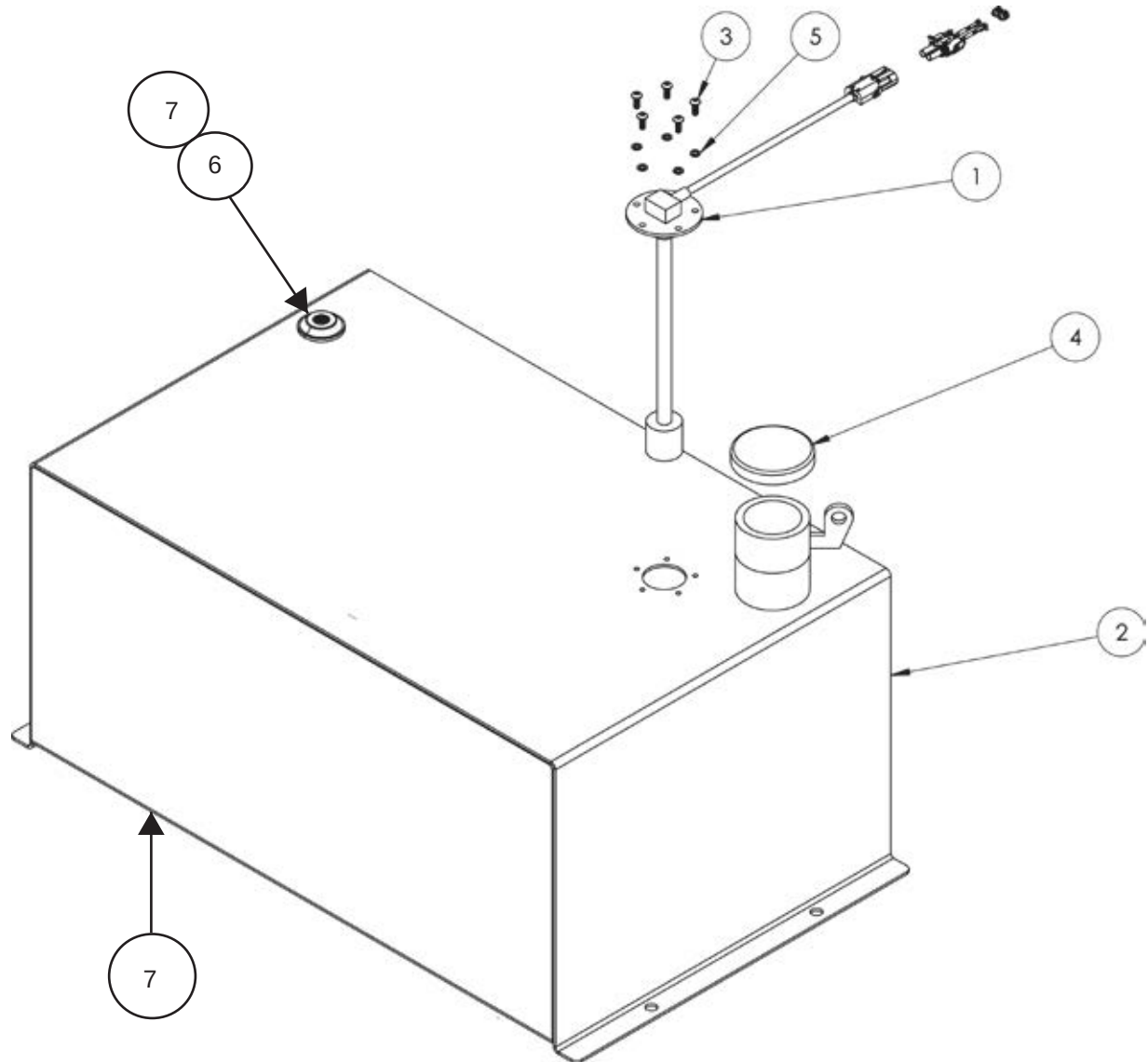
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	000483M	SLEEVE, STABILZER 3.25
2	4	000587W	STABILIZER ARM
3	2	005248	PIN, CYLINDER JACK
4	1	500070	BRKT; HELAC MTG L30
5	1	500074	FORK, MSE05/HELAC L30
6	1	500125	WELD, HOSE RING
7	2	500127	ASSY: TIRE AND WHEEL RH
8	1	500128	ASSY: TIRE AND WHEEL 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

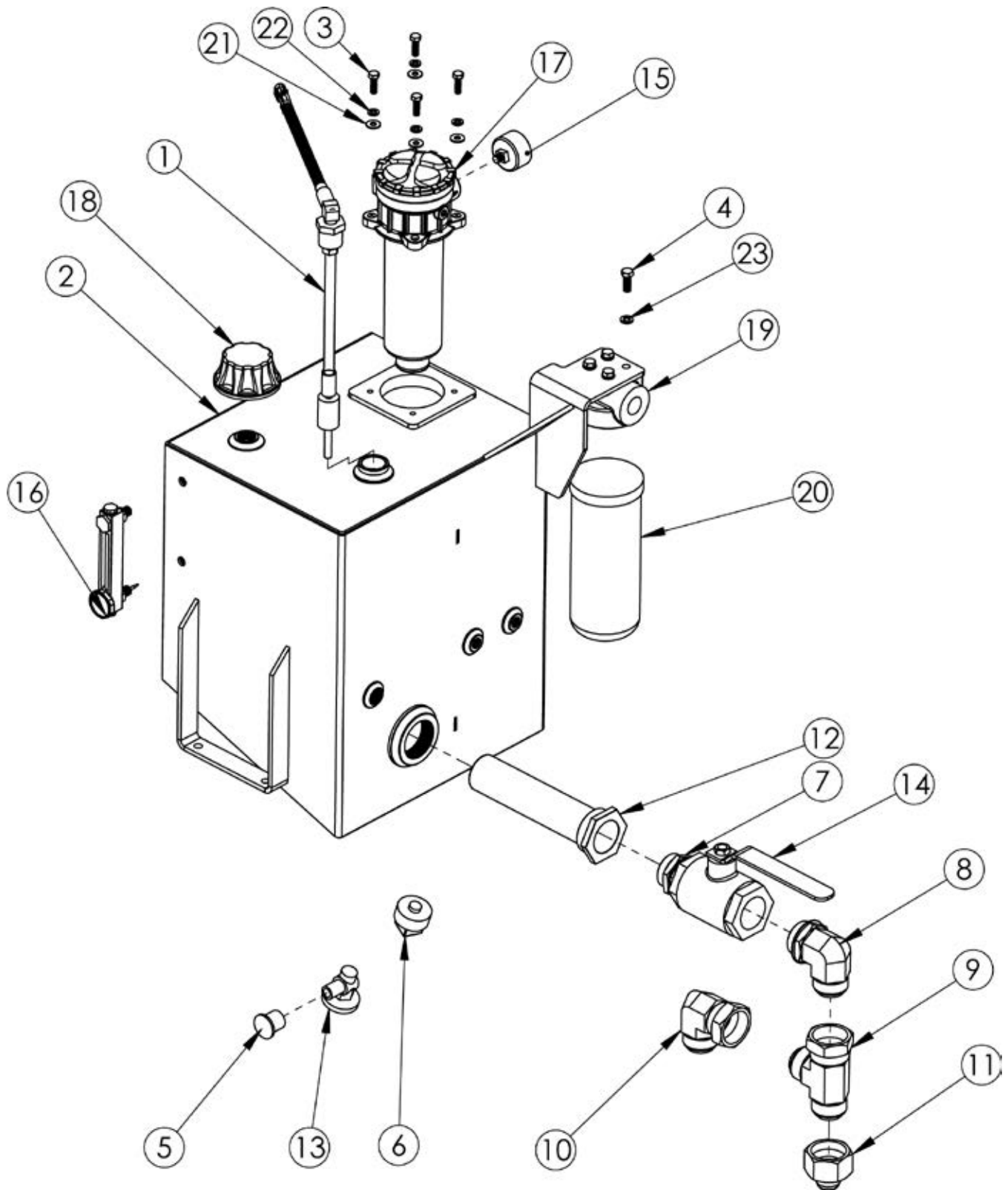
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	000730W	COVER, BATTERY
2	1	004971	BOX, BATTERY
3	2	005160	BRKT: OIL COOLER
4	4	005161	BUSHING, .41 x .62 x .4
5	2	450183	BUSHING, GROOMER TENSION
6	1	500408	GROOMER BAR ROUND
7	1	500460	ASSY, HYD RESERVIOR
8	1	500470	ASSY: FUEL TANK
9	1	500488	CLIP, PANEL MOUNT
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	10	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
17	4	P100606	BOLT: HEX 3/8-16 X 1-1/2"
18	1	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
19	1	P117300	COOLER, HYD OIL AKG DC16-12
20	2	P121200	BENT HITCH PIN 3/4" X 3-1/2"
21	1	P127215	3/8" X 1-1/2" X 4-1/2" U-BOLT
22	4	P133032	ISOLATOR, TANK
23	2	P150600	NUT: HEX 3/8-16
24	4	P155250	NUT: HEX, 1/4" TOP-LOCK
25	10	P155350	NUT: HEX, 5/16 TOP-LOCK
26	10	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
27	1	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
28	1	P259160	CYLINDER: 1-1/2B X 4S W/CAV CH
29	1	P292700	JUNCTION MANIFOLD: 5000
30	4	P297625	GROMMET: 5/8 BORE
31	1	P622604	PIN, LYNCH 3/16 X 1-1/4
32	8	P850104	WASHER: FLAT 1/4" ZP
33	10	P850105	WASHER: FLAT 5/16" ZP
34	4	P850106	WASHER: FLAT 3/8" ZP
35	4	P851104	WASHER: LOCK 1/4"
36	12	P851106	WASHER: LOCK 3/8" ZP

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)

OIL RESERVIOR SCHEMATIC



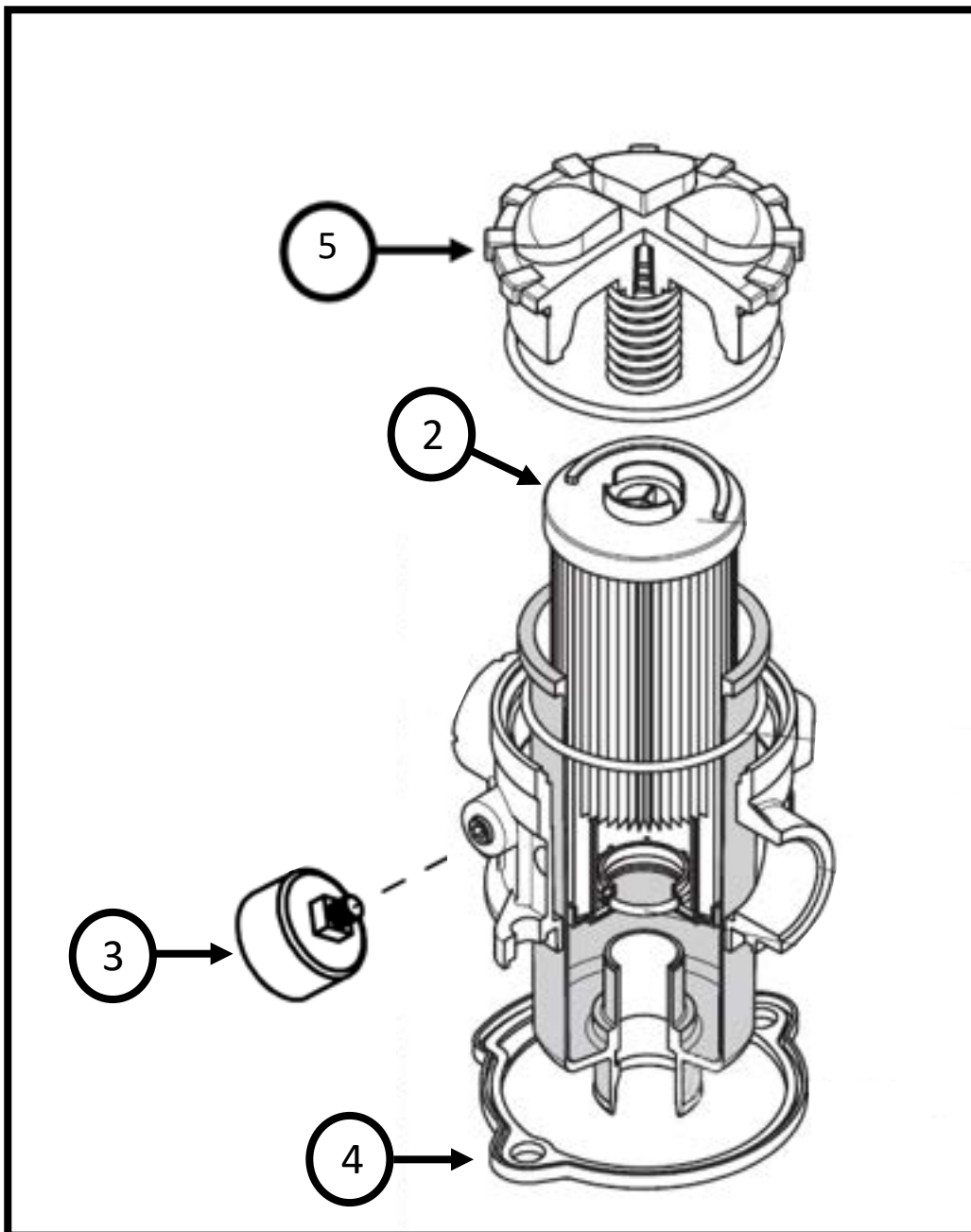
OIL RESERVIOR LEGEND

<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 SEE NOTE
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

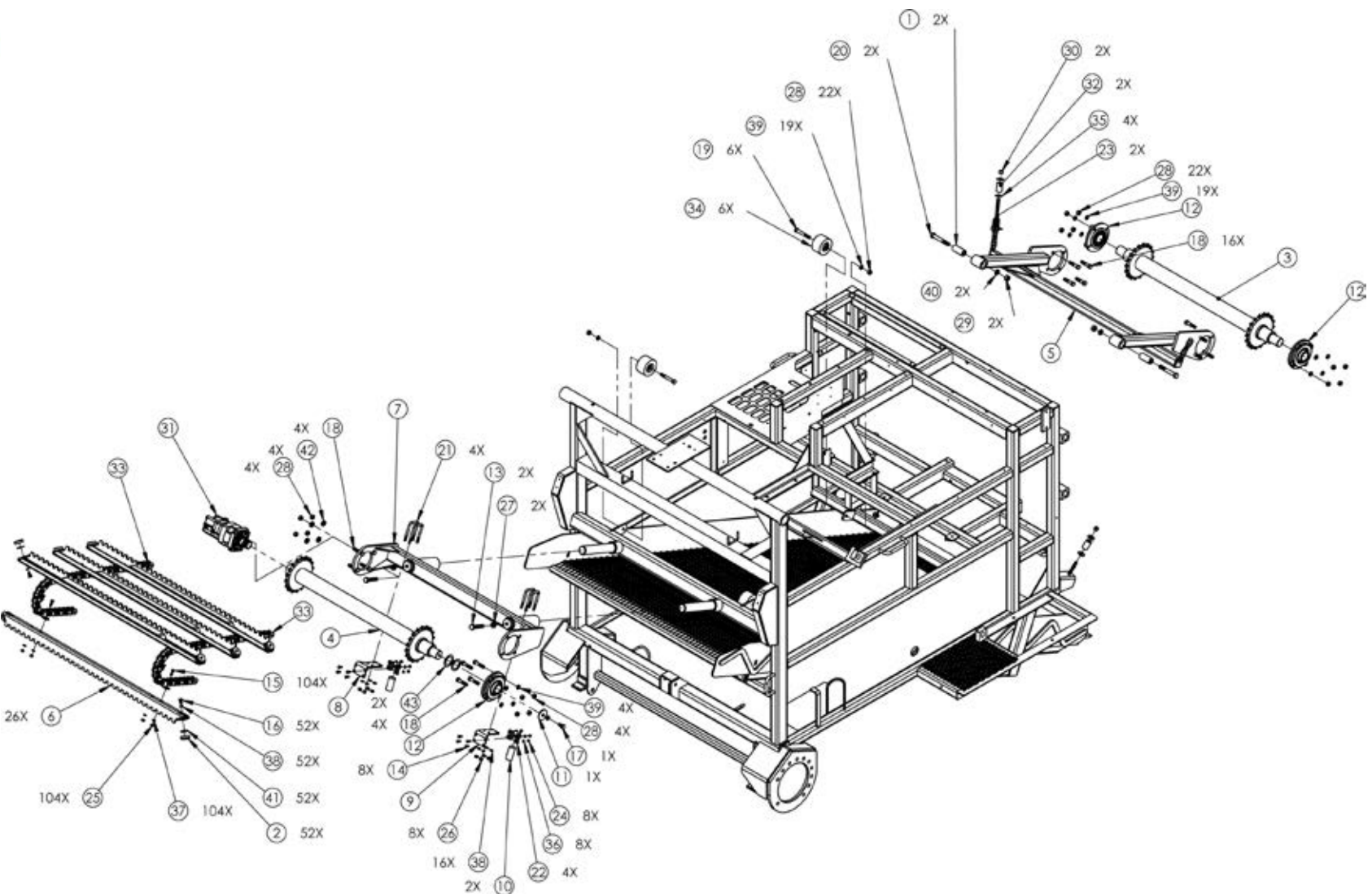
71.P371861 REPLACEMENT HYDRAULIC FILTER ONLY

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 SCHEMATIC



CONVEYOR AND FLIGHT LEGEND

<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	2	450098	BUSHING, NYL 1.25 X .625 X 2.688
2	8	470130	FLIGHT PUCK
3	1	500412	WLDT: SHAFT FRONT CONV 2 CHAIN
4	1	500413	WLDT: SHAFT REAR CONV 2 CHAIN
5	1	500414	CONVEYOR SUPPORT 5450
6	26	500417	WLDT: FLIGHT 5000
7	1	500443	MT, REAR SHAFT
8	1	500497	WLDT: ROCK KNOCKER LH
9	1	500498	WLDT: ROCK KNOCKER RH
10	2	500499	ROD; ROCK KNOCKER
11	1	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
12 *	3	P003175	BEARING, IPTCI UCFCX09-28 FLANGE *
13	2	P099012	BOLT: HEX 5/8-11 X 3 FULL THD
14	8	P100403	BOLT: HEX, 1/4"NC X 3/4" GR5
15	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
16	8	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
17	1	P100804	BOLT: HEX 1/2"-13 X 1"
18	16	P100809	BOLT: HEX 1/2-13 X 2-1/4"
19	6	P100814	BOLT: HEX 1/2-13 X 3-1/2"
20	2	P101017	BOLT, HEX 5/8-11 X 4-1/4
21	4	P127214	U-BOLT, 3/8 X 2 X 3.75
22	4	P128905	CLAMP, U STRAP 1.31
23	2	P135165	JAW END: 1/2"-13 X 6"
24	8	P155250	NUT: HEX, 1/4" TOP-LOCK
25	16	P155350	NUT: HEX, 5/16 TOP-LOCK
26	8	P155450	NUT: HEX 3/8"-16NC TOP-LOCK ZP
27	2	P155800	5/8-11 HEX JAM NUT
28	22	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
29	2	P157500	NUT: HEX, 5/8"-11 TOP-LOCK
30	2	P158005	1/2-13 NYLOCK NUT
31 *	1	P353600	MOTOR: 4000 COMPACT 169-0133-001
32	2	P602420	SPRING, TUBE 1/2 X 1-1/8 X 1-3/4
33 **	2	P632105	CHAIN: 100K1 x 208 P** SEE NOTE BELOW
34	6	P761100	SNUGULATOR 2500BD1X
35	4	P850108	WASHER: FLAT 1/2" ZP
36	8	P851104	WASHER: LOCK 1/4"
37	16	P851105	WASHER: LOCK 5/16"
38	16	P851106	WASHER: LOCK 3/8" ZP
39	19	P851108	WASHER: LOCK 1/2" ZP
40	2	P851110	WASHER: LOCK 5/8"
41	8	P852015	WASHER: FLAT 3/8" FENDER
42	4	P852608	1/2" HARD WASHER
43	2	P855525	BUSHING: MACH 18GA X 1-3/4

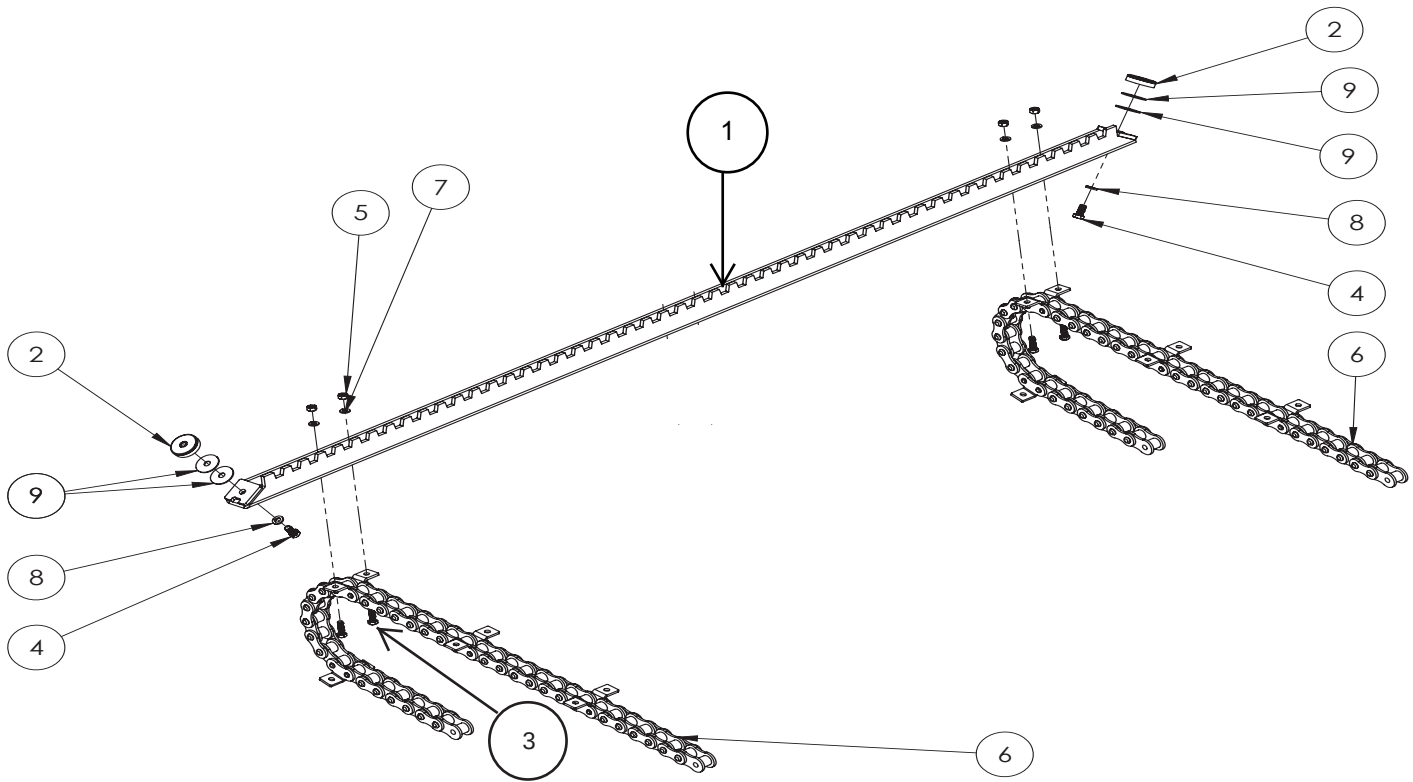
* P003175 BEARING REPLACED BY 71.P003115 BEARING 1-3/4 4 BOLT PILOT

**REPLACE CHAIN WITH UPDATED PART NUMBER 71.P632145

*71.P353610 SEAL KIT USED ON #31 CONVEYOR MOTOR P353600

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

CHAIN AND FLIGHT SCHEMATIC

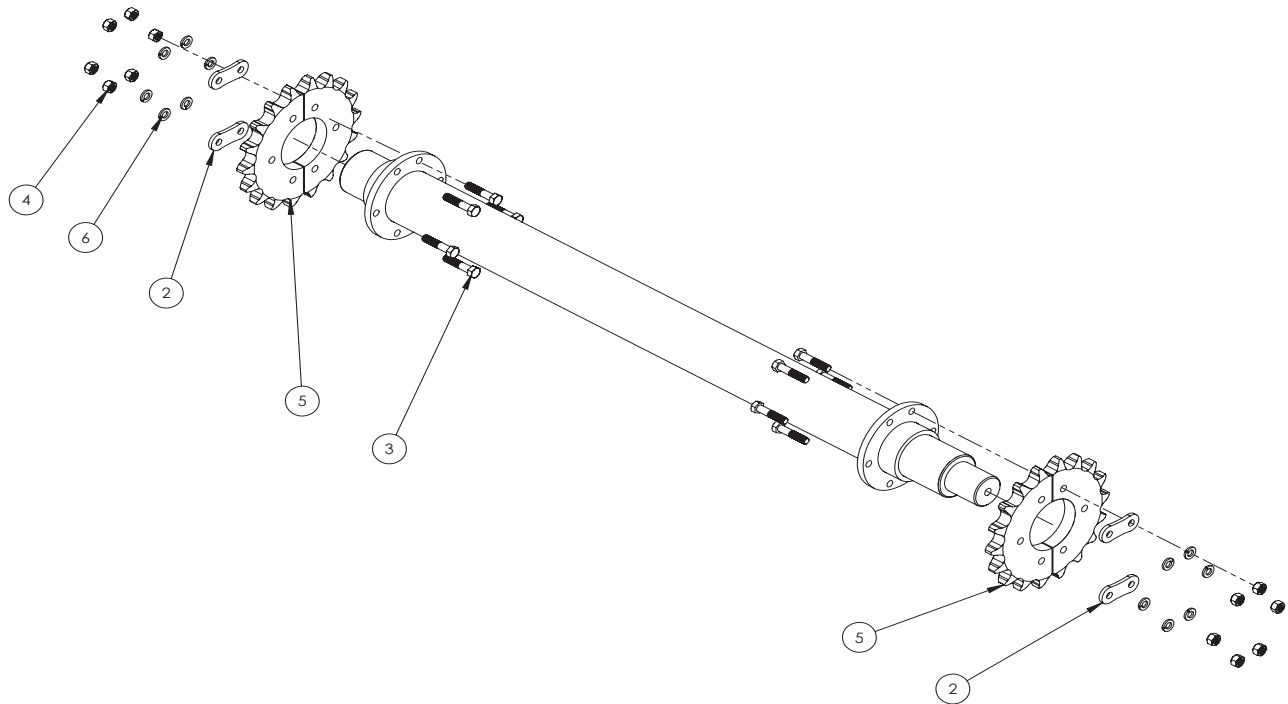


<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	26	500572	WLDT: FLIGHT BLADE 5450 2.12
2	54	470130	FLIGHT PUCK
3	108	P100504	BOLT: HEX, 5/16" NC X 1" GR5
4	54	P100603	BOLT: HEX, 3/8"NC X 3/4" GR5
5	108	P155350	NUT: HEX, 5/16 TOP-LOCK
6	2	P632145	CHAIN: 100K1 x 208 P ARMOR
6A	REF	P632143	LINK: 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)

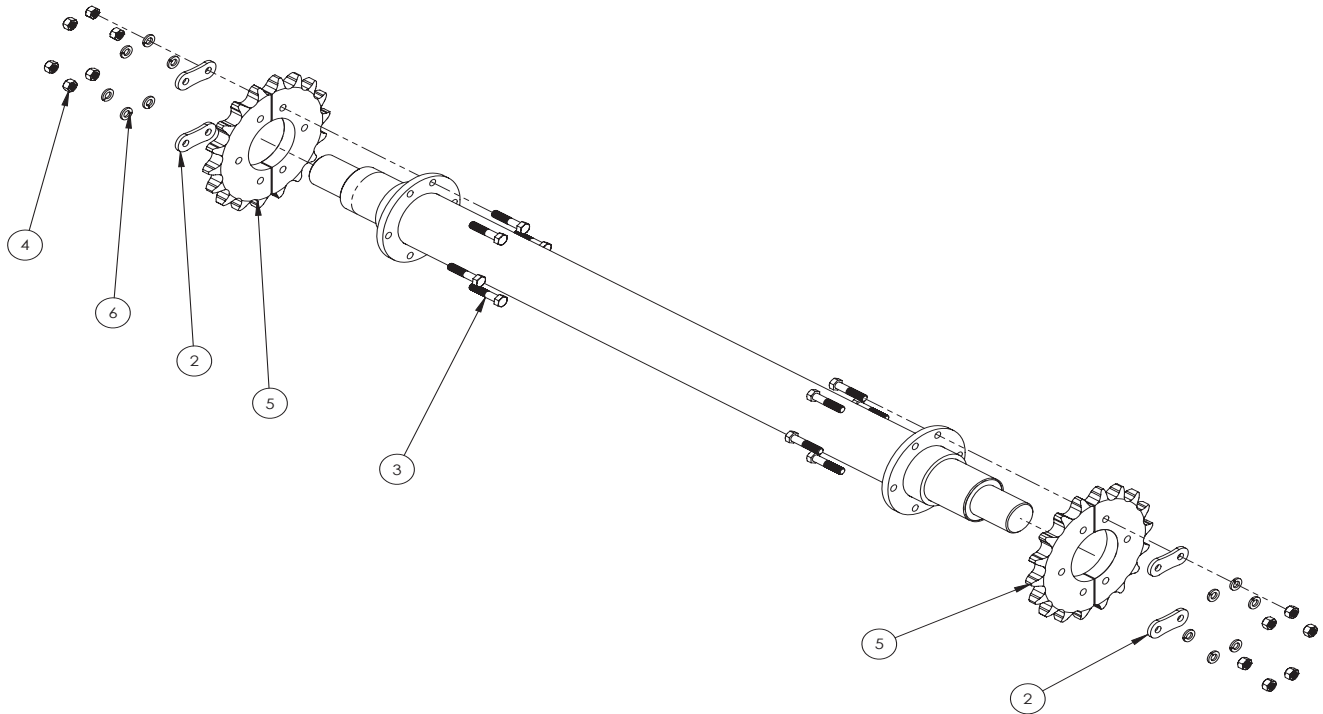
REAR CONVEYOR SHAFT ASSY



<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

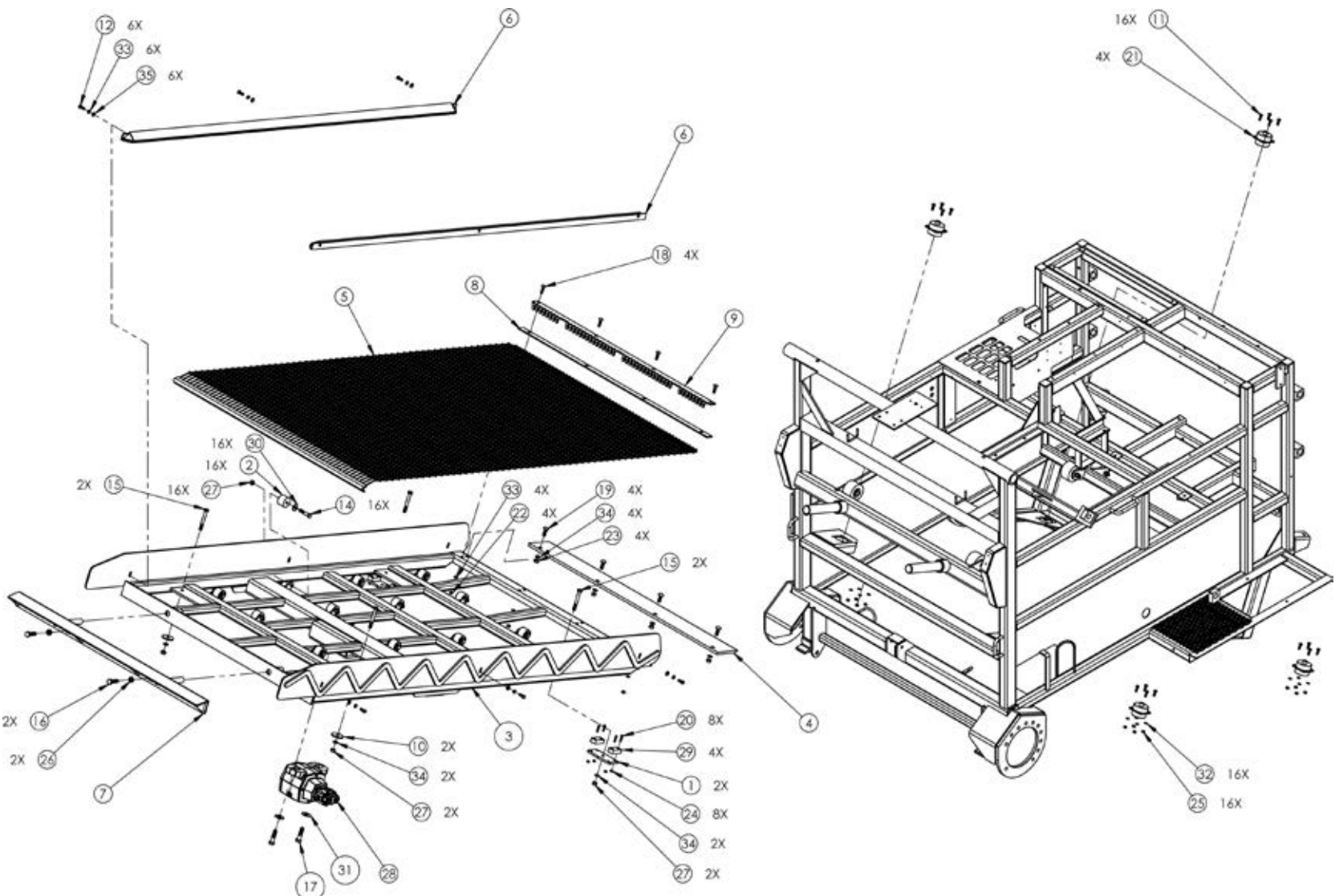
71.P500631 COMPLETE REAR SHAFT ASSEMBLY CONTAINS ITEMS #1 - #6

FRONT CONVEYOR SHAFT ASSY



<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



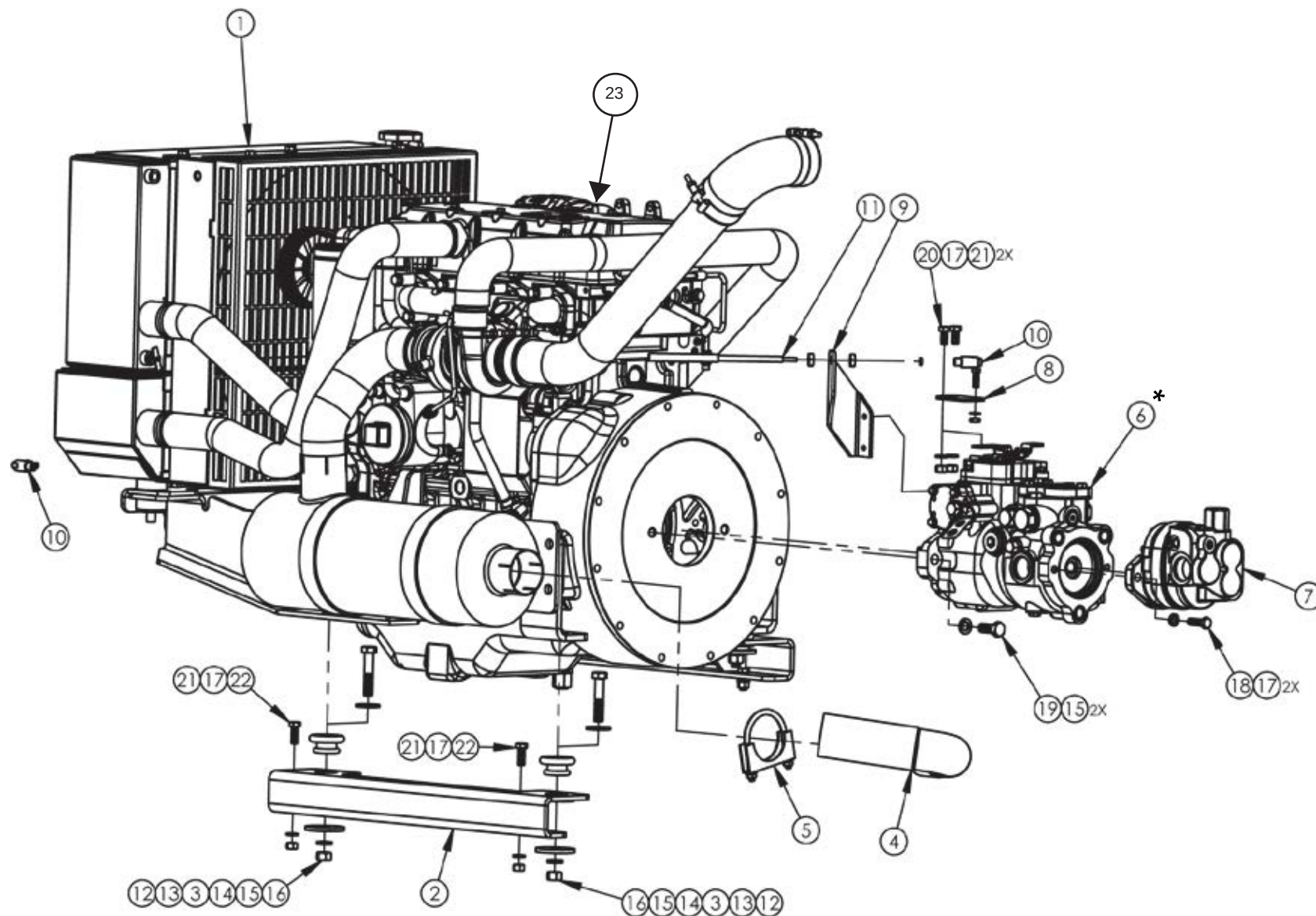
SCREEN LEGEND

ITEM	QTY.	PART #	DESCRIPTION
1	2	450285	PLATE, ISO STOP
2	16	450313	RISER, SCREEN
3	1	500401	WLDT: SCREEN FRAME 5450
4*	1	500407	CUTTING EDGE, 1/2" X 6"
5	1	500411	SCREEN ASSEMBLY: 3/4 WIRE 5000
6	2	500420	GLIDE RAIL 5000
7	1	500427	WLD, SCREEN TENSIONER
8	1	500462	SPACER, FRONT SCREEN LIP
9	1	500473	SCREEN HOLD DW 3/4", 5450
10	3	M5462	3/16 X 1/2 ID X 2-1/4 OD WASHER
11	16	P100504	BOLT: HEX, 5/16" NC X 1" GR5
12	6	P100604	BOLT: HEX 3/8"-16NC X 1 GR5ZP
13	1	P100804	BOLT: HEX 1/2"-13 X 1"
14	16	P100810	BOLT: HEX, 1/2" X 2 1/2" GR.5
15	4	P100816	BOLT: HEX 1/2"-13NC X 4 GR5ZP
16	2	P101008	BOLT: HEX, 5/8-11 NC X 2
17	2	P101010	BOLT: HEX 5/8-11 X 2-1/2"
18	4	P104606	BOLT: CARRIAGE, 3/8" X 1-1/2"
19	4	P104806	BOLT: CARRIAGE, 1/2" X 1-1/2" GR5
20	8	P110404	BOLT: SHCS 1/4-20 X 1" ALLEN HD
21	4	P133065	ISOLATOR: SQ HEAVY DUTY PLATFORM 283P310
22	4	P150600	NUT: HEX 3/8-16
23	4	P150800	NUT: HEX 1/2"-13NC ZP
24	16	P155250	NUT: HEX, 1/4" TOP-LOCK
25	16	P155350	NUT: HEX, 5/16 TOP-LOCK
26	2	P155800	5/8-11 HEX JAM NUT
27	24	P155850	NUT: HEX 1/2"-13NC TOP-LOCK ZP
28**	1	P358100	VIBRATOR, HYD HA4-3300
29	4	P605010	SPRING BUMPER, 3/4
30	16	P850108	WASHER: FLAT 1/2" ZP
31	2	P850110	WASHER: FLAT 5/8" ZP
32	16	P851105	WASHER: LOCK 5/16"
33	18	P851106	WASHER: LOCK 3/8" ZP
34	9	P851108	WASHER: LOCK 1/2" ZP
35	6	P851606	WASHER: FLAT 3/8" HEAVY
NOT SHOWN	1	500475	SCREEN ASSEMBLY: 1/2" WIRE 5450
NOT SHOWN	1	500472	SCREEN HOLD DOWN 1/2" (5450)

* Optional slotted cutting edge P/N: 71.500634

** #28 SHAKER / VIBRATOR ADDITIONAL ITEMS
 71.P358105 HYDRAULIC MOTOR SHAFT SEAL
 71.P358107 HYDRAULIC MOTOR
 71.P358108 DRIVE COUPLING ASSEMBLY

ENGINE/PUMP (REAR VIEW) SCHEMATIC

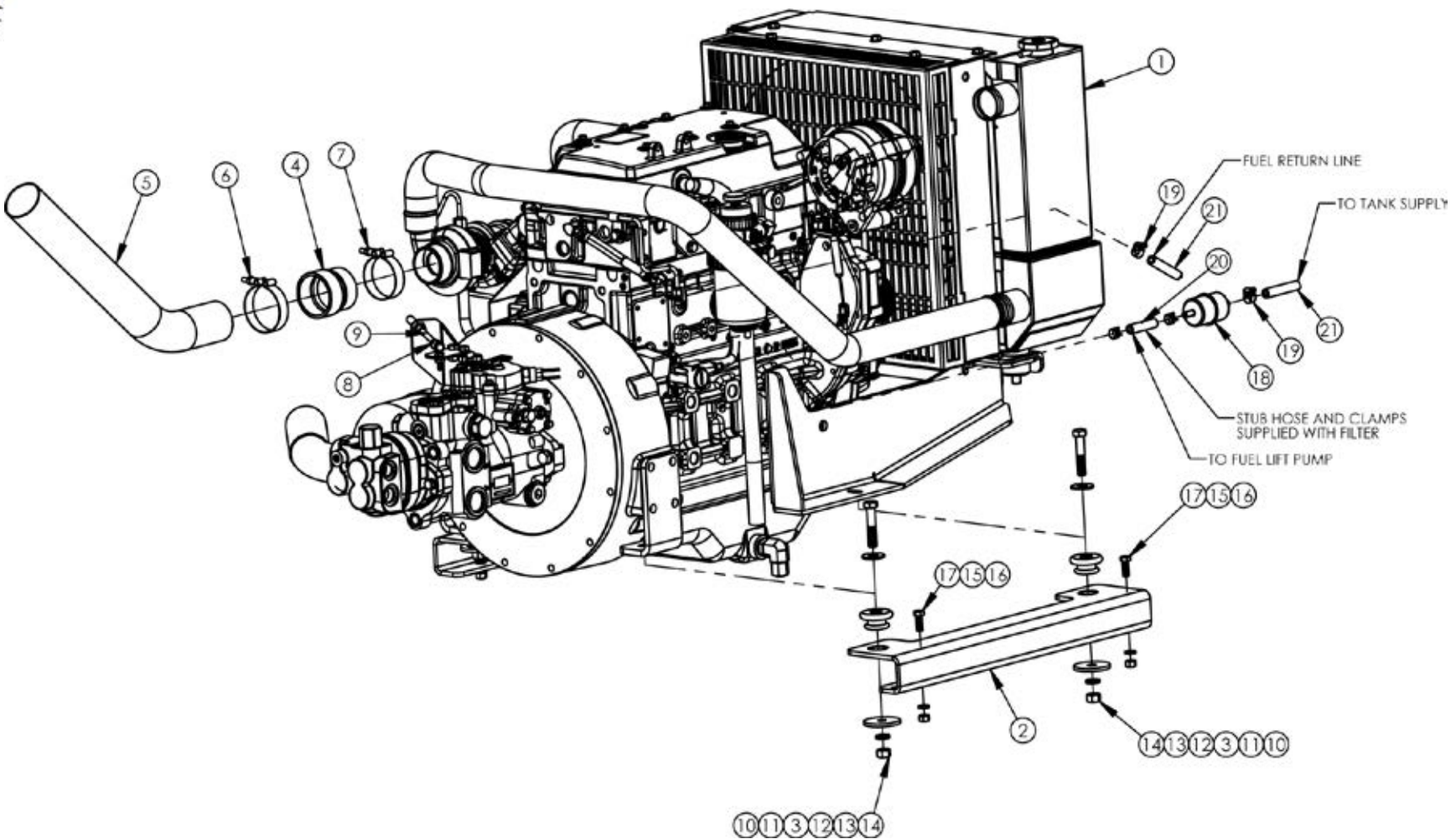


ENGINE/PUMP (REAR VIEW) LEGEND

<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)

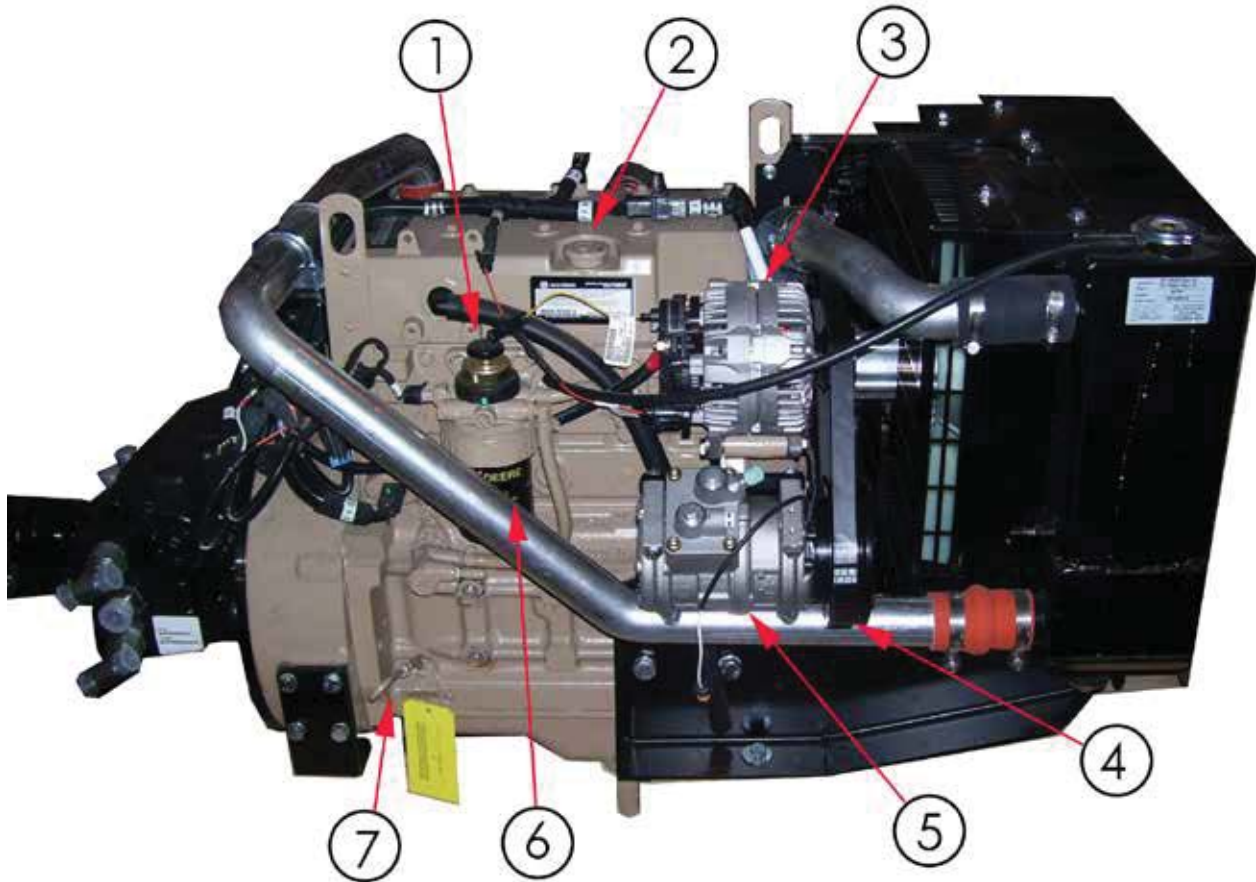
ENGINE/PUMP (FRONT VIEW) SCHEMATIC



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

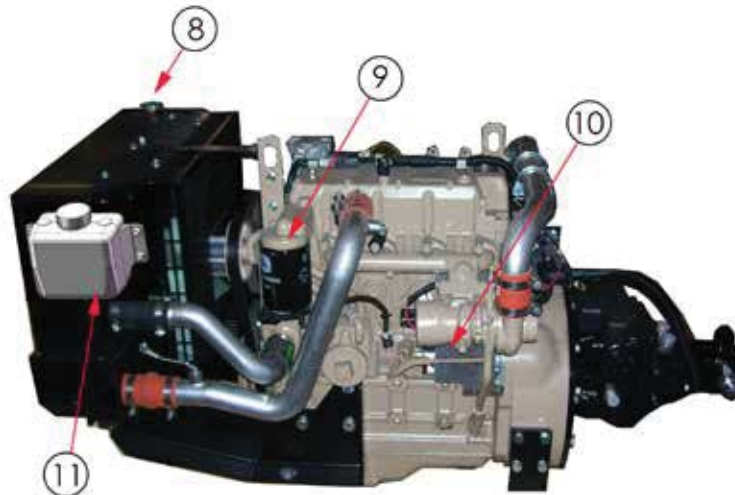
ENGINE SERVICE



FRONT ENGINE VIEW

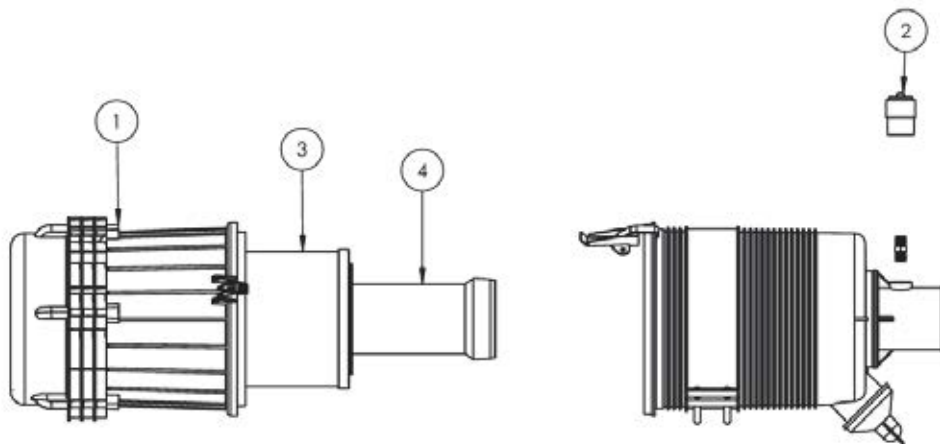
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370466	FUEL PRIMING PUMP
2		N/A	ENGINE OIL FILL CAP
3	1	P370452	ALTERNATOR
4	1	P066202	SERPENTINE BELT WITH A/C
*	1	P063020	* SERPENTINE BELT WITHOUT A/C*
5	1	P117120	AIR COND COMPRESSOR
6	1	P371622	FUEL FILTER
7	1	P370461	ENGINE OIL DIPSTICK

ENGINE SERVICE

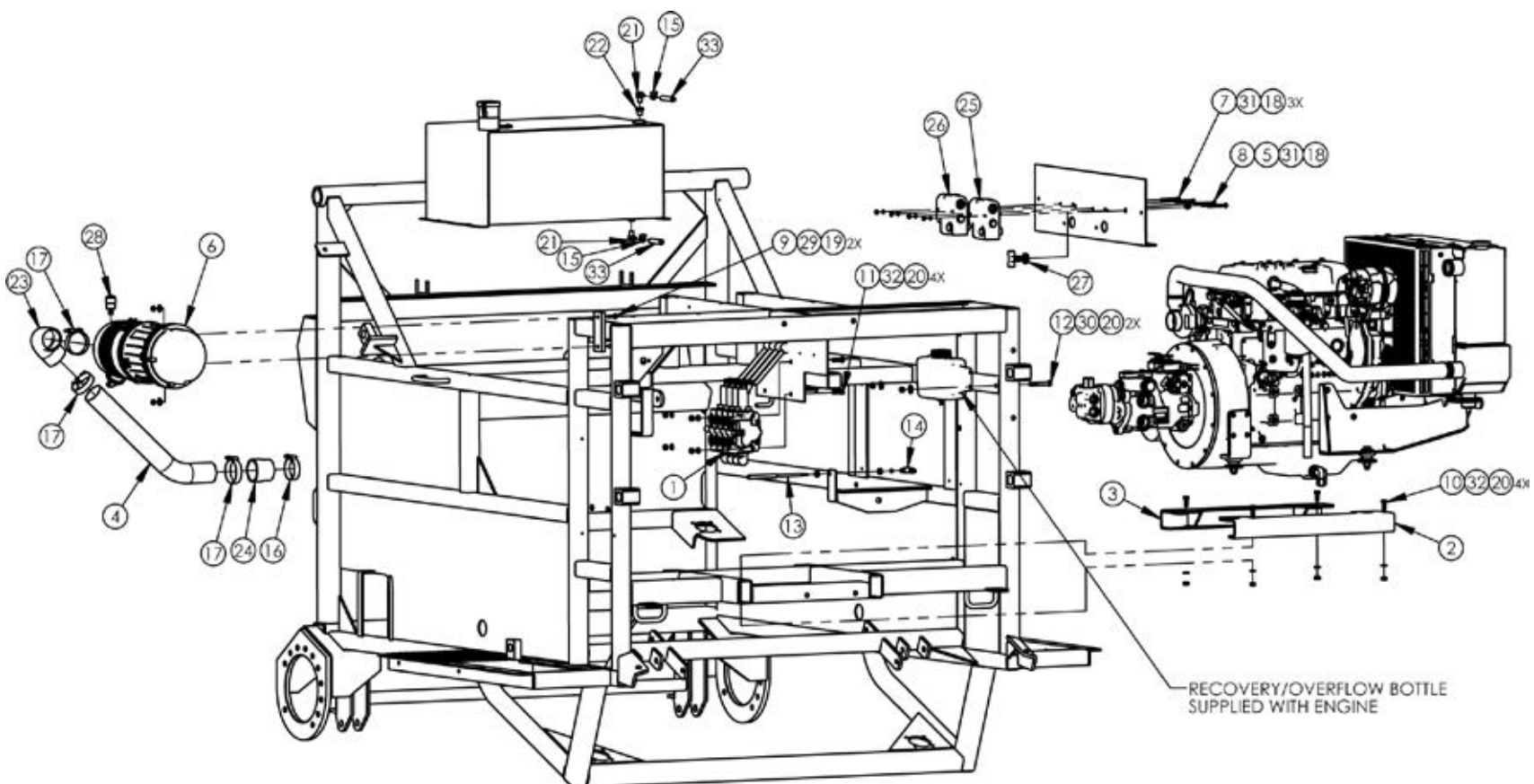


REAR ENGINE VIEW

<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



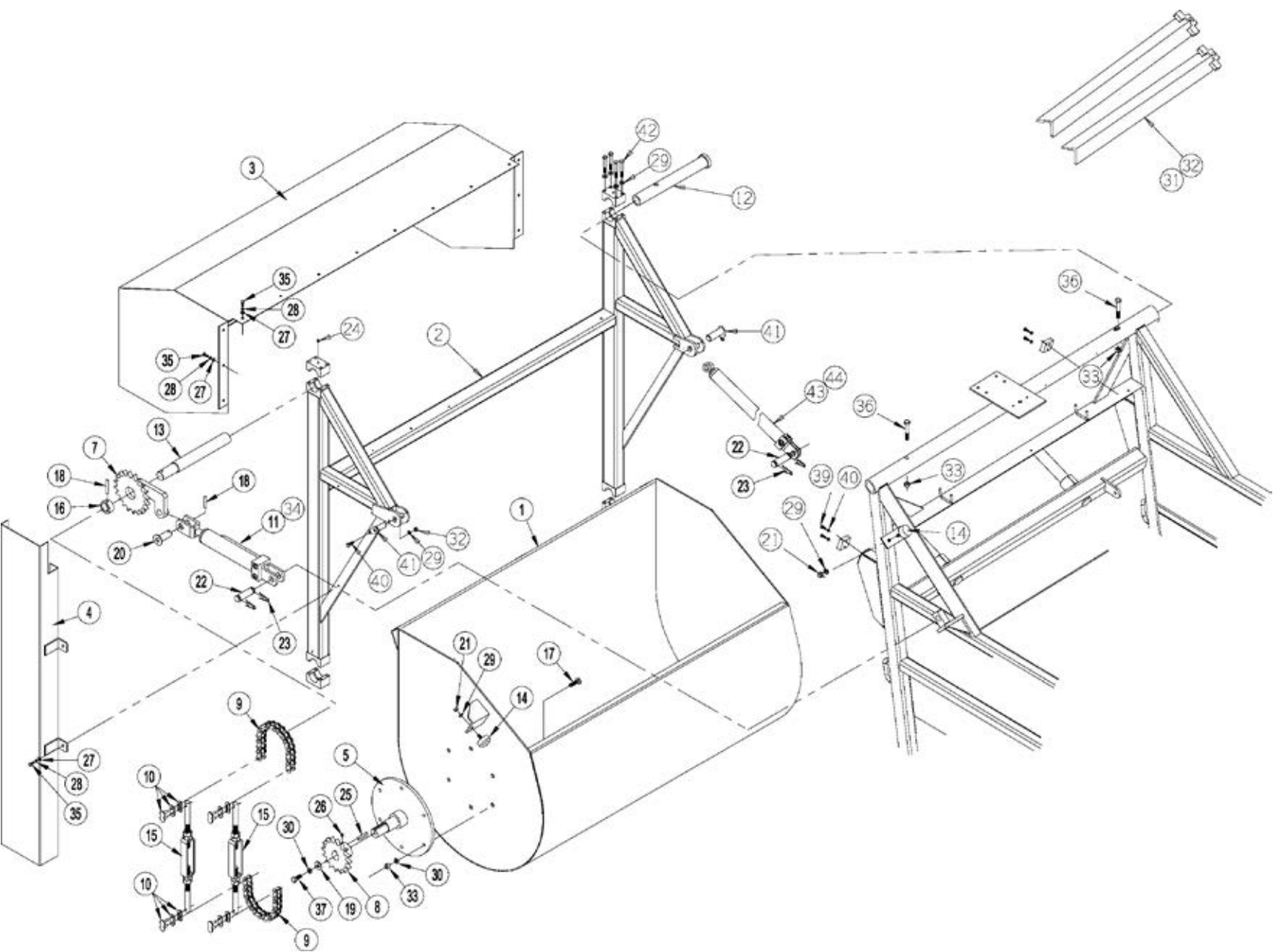
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
2	1	P297160	GAUGE: IND A/C DON #RAX002351
3	1	P371366	FILTER: AIR ELE PRIME 3-E1 ENG
4	1	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG



VALVE LEGEND

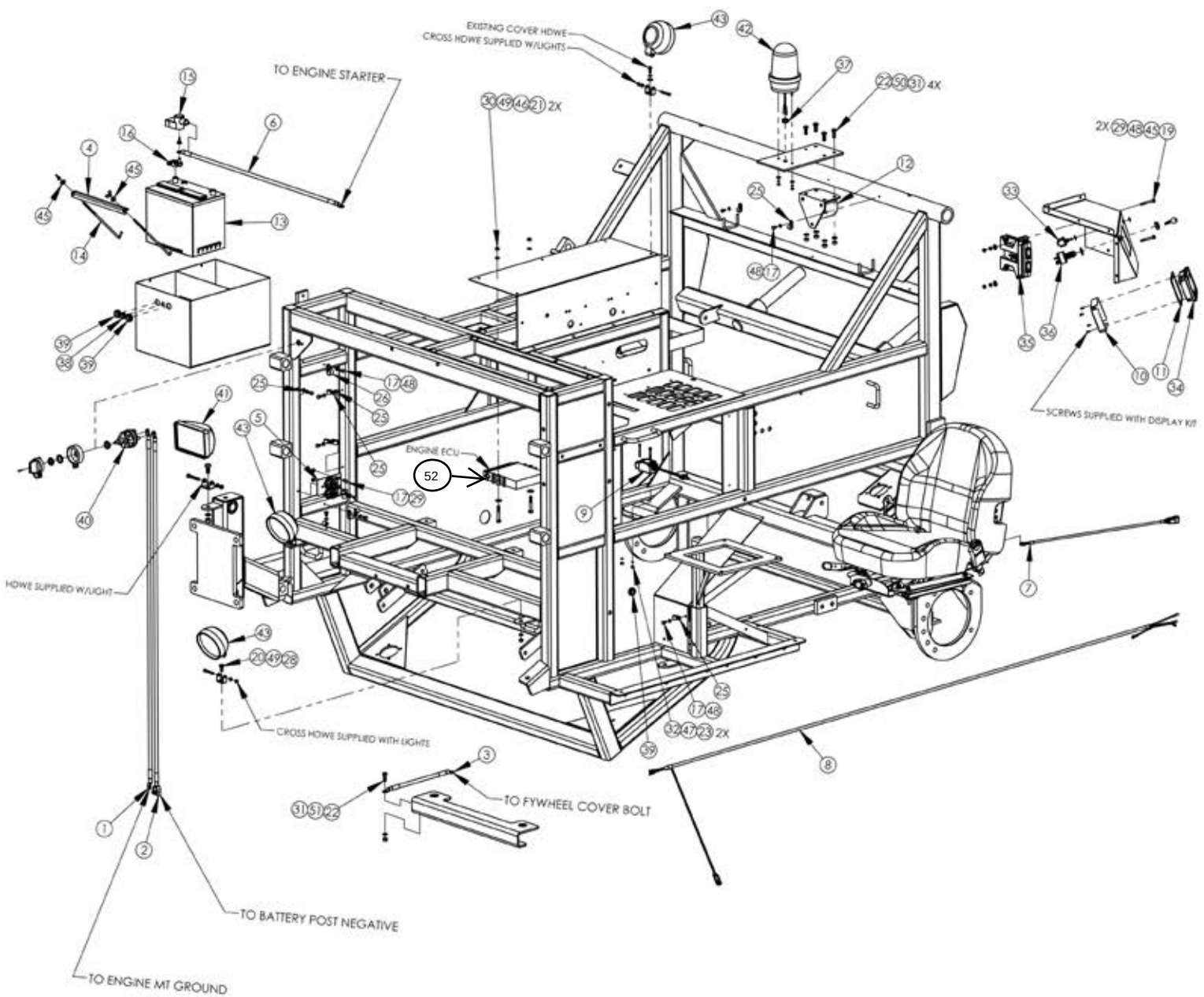
<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	500494	ASSY: HUSCO VALVE
2	1	500045	MTG BASE WLD: ENGINE RH JD4024
3	1	500046	MTG BASE WLD: ENGINE LH JD4024
4	1	500053	ELBOW: AIR INTAKE TUBE
5	1	550127	SPACER, VALVE STOP
6	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
*	1	P371366	FILTER: AIR ELE 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



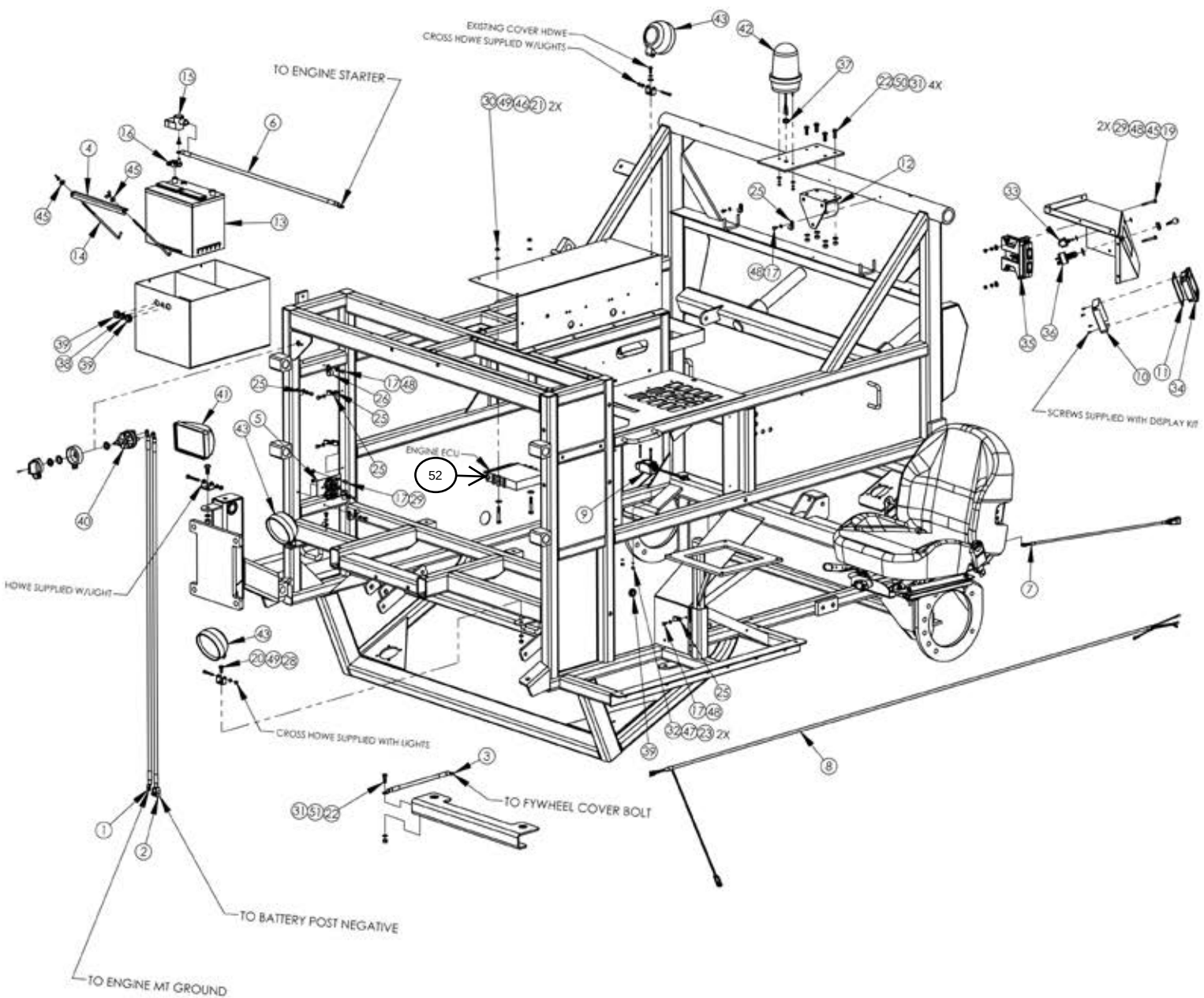
BOOM AND HOPPER LEGEND

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



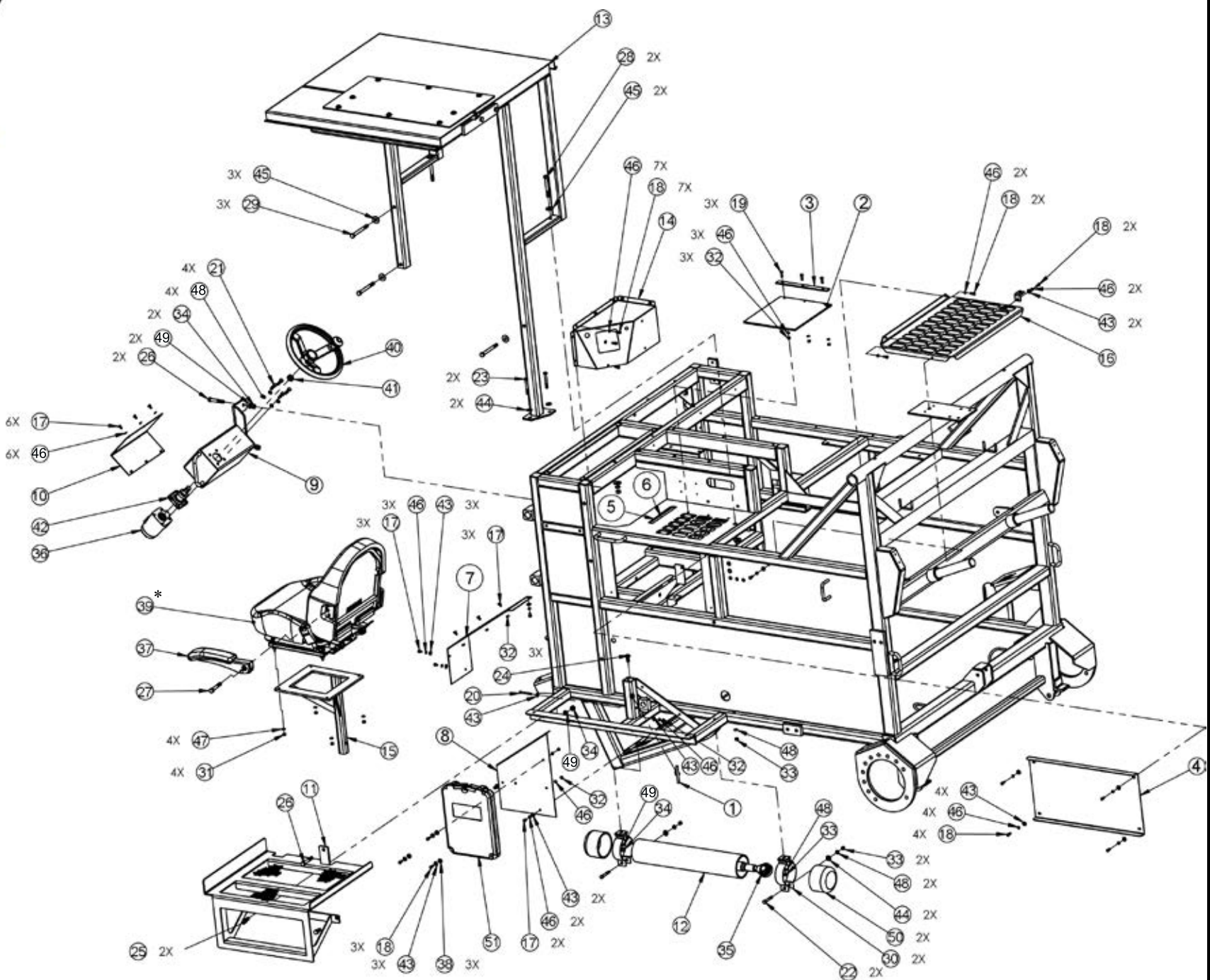
CONTROL AND ELECTRICAL LEGEND

<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 DEERE 4024 MAIN (NOT SHOWN)
52	1	71.P296830	ECU: DEERE 4024 ENGINE

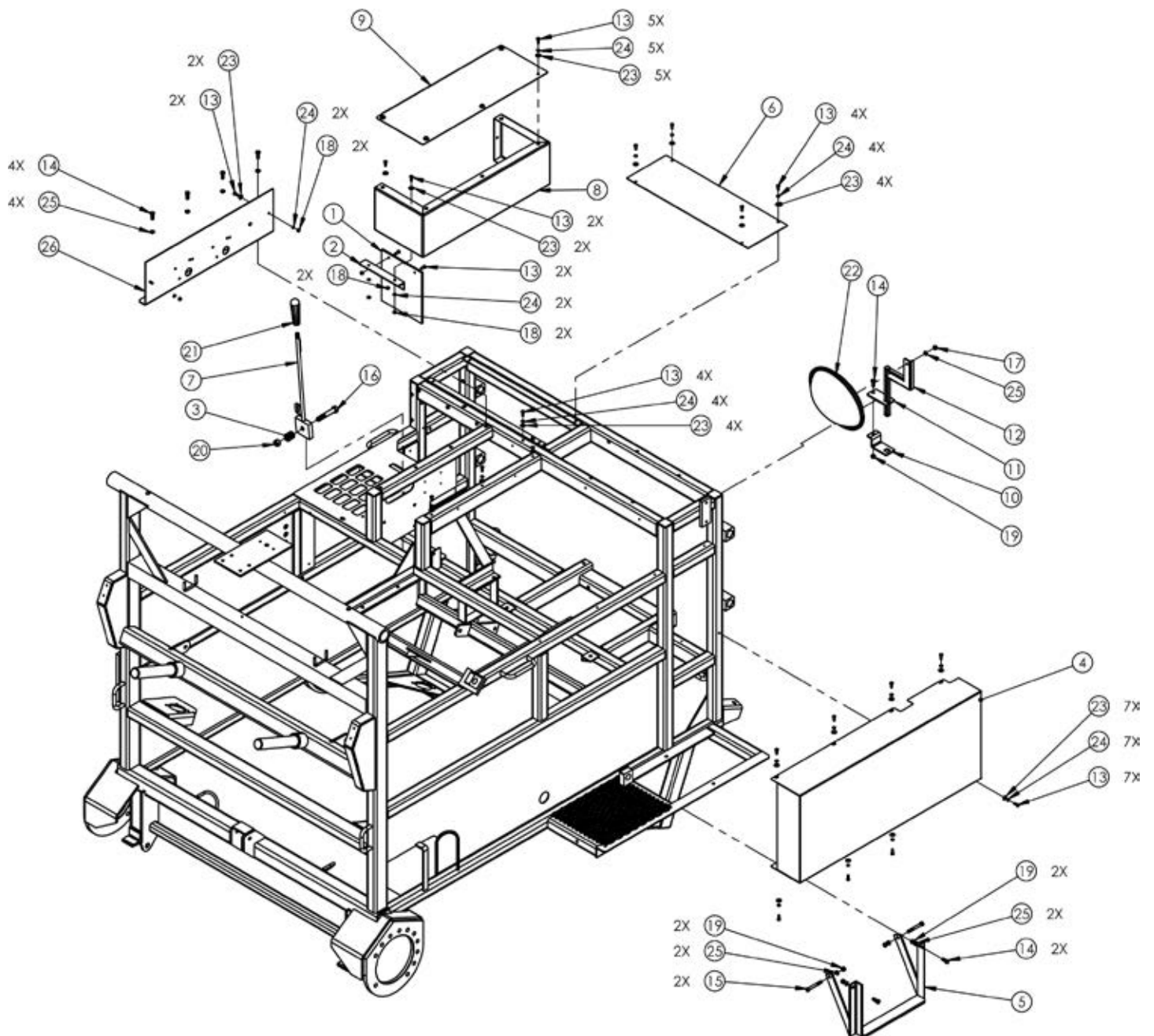


OPERATOR STATION LEGEND

<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

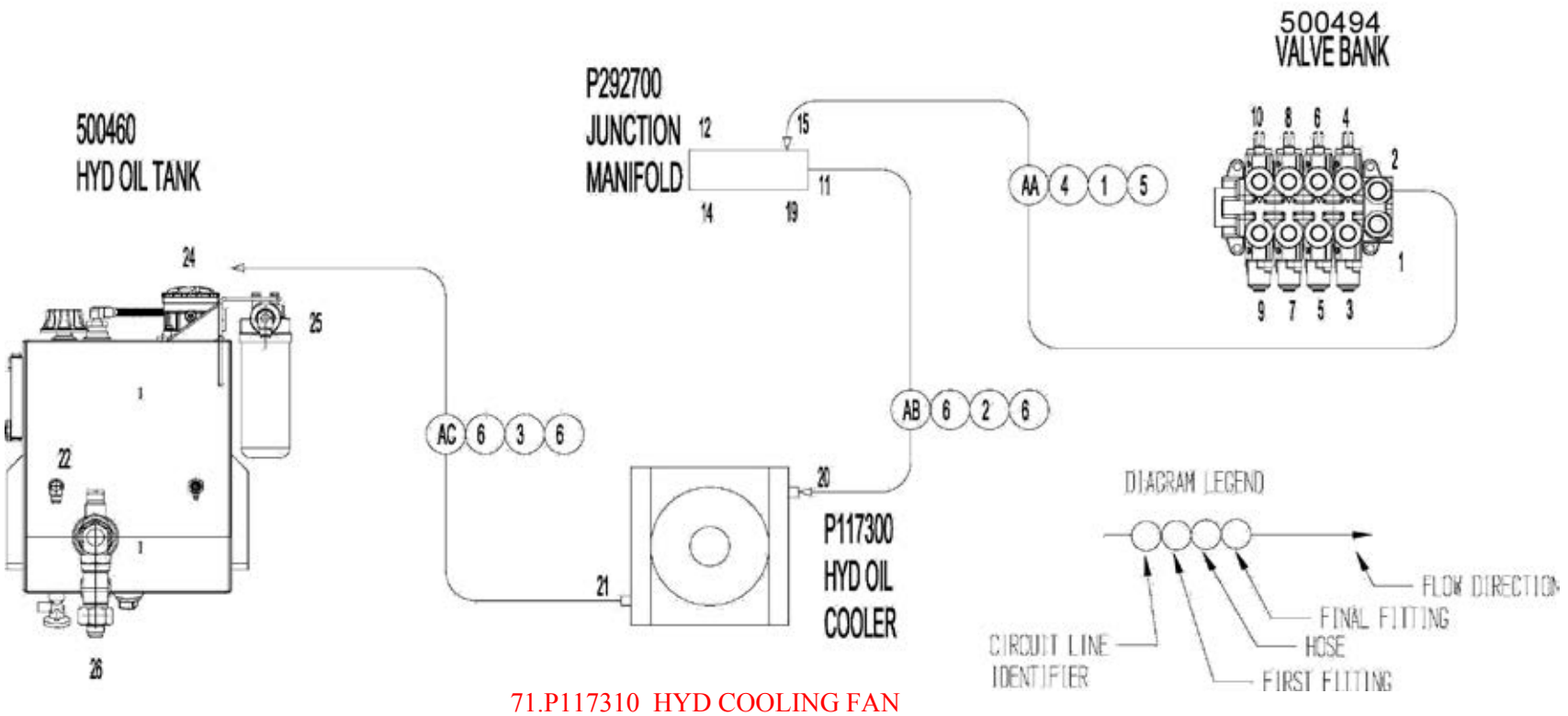
*71.P600453 SEAT SAFETY SWITCH (NOT SHOWN)

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

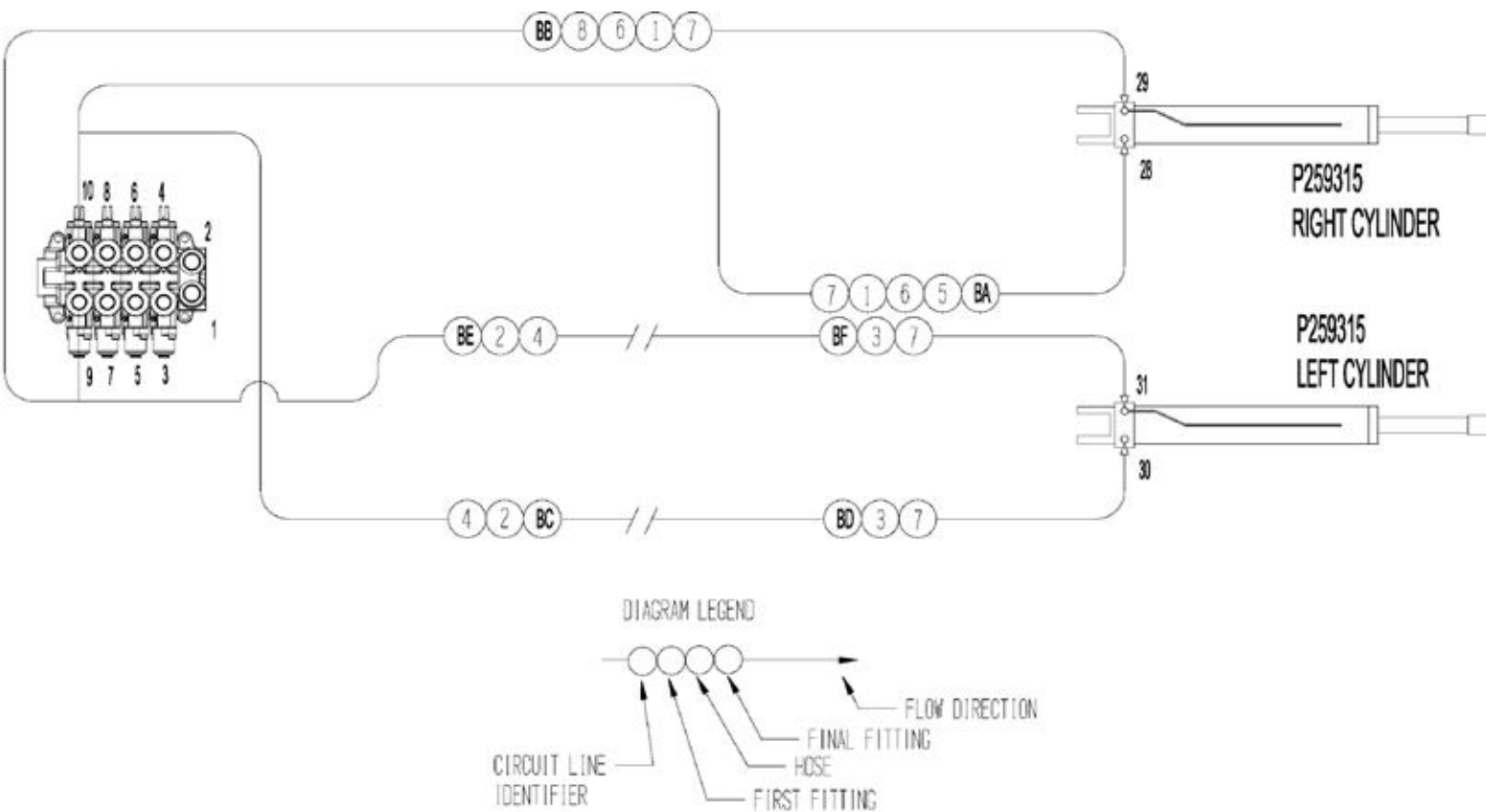


OIL COOLER CIRCUIT LEGEND

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

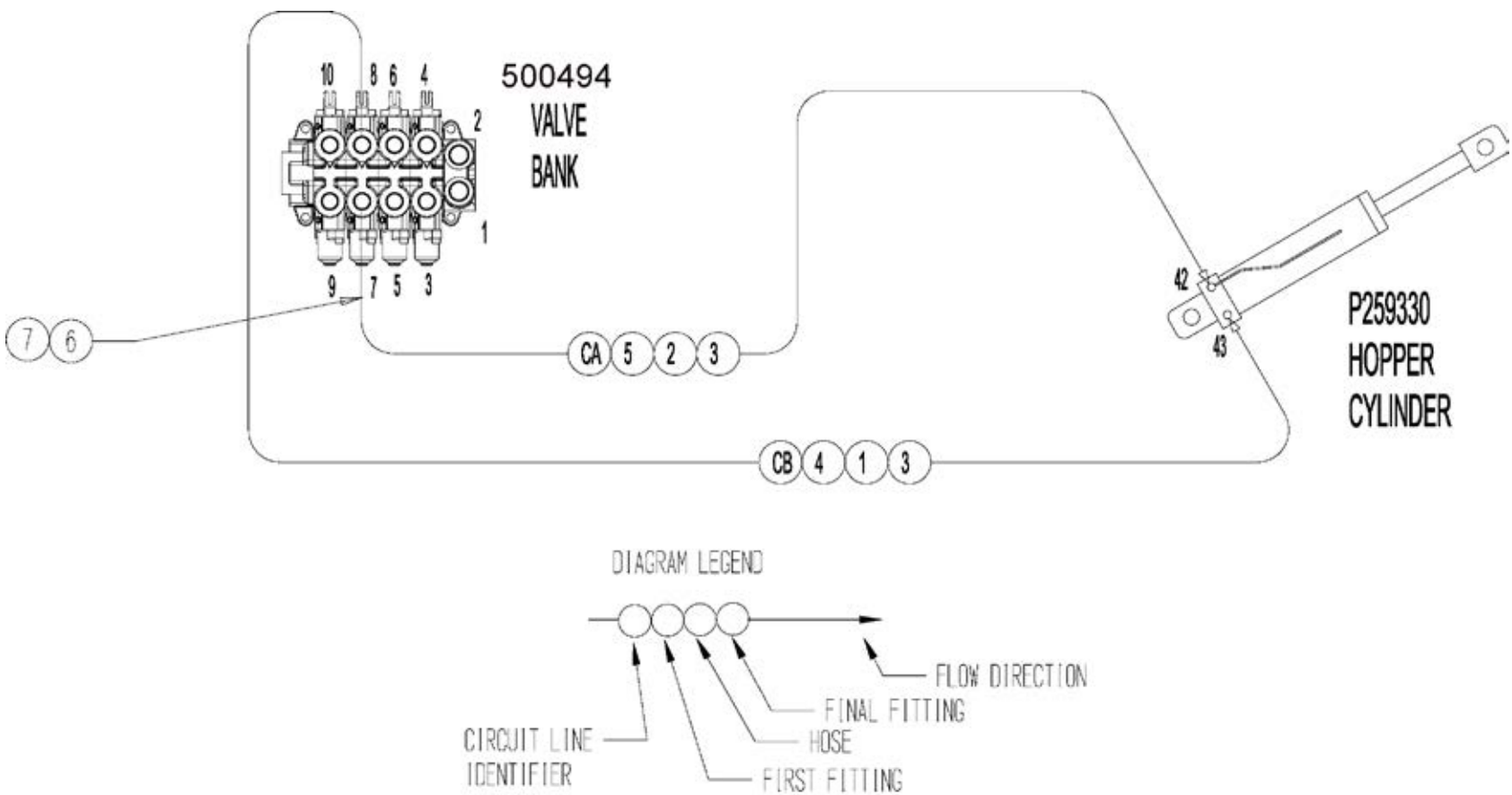


BOOM CIRCUIT SCHEMATIC

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

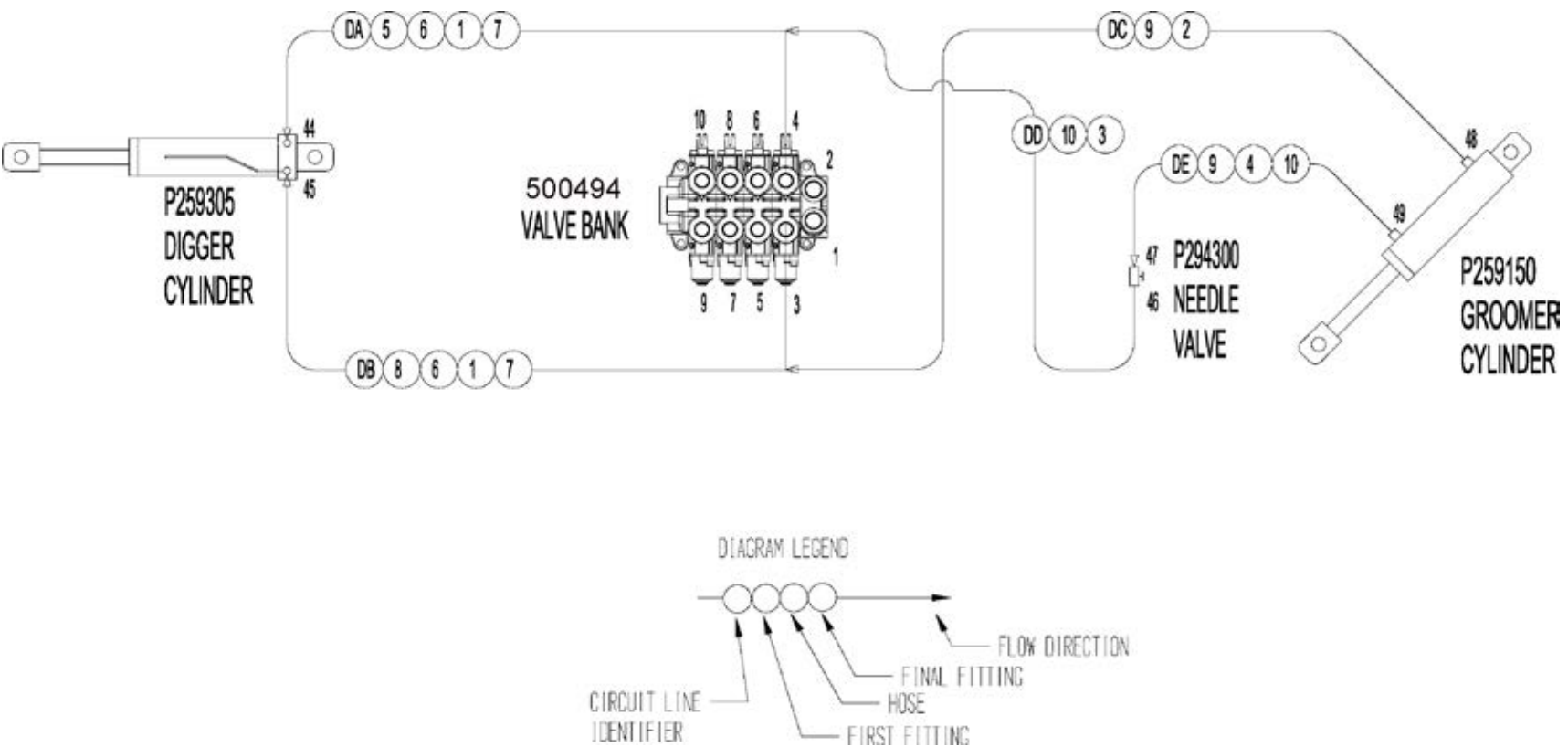


HOPPER CIRCUIT LEGEND

500500 HYD CIRCUIT "C" 5450

<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P233111	HOSE - 4AM X 111" 6MJ 8MJ
2	1	P233112	HOSE - 4AM X 112" 6MJ 6MJ
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 SCHEMATIC

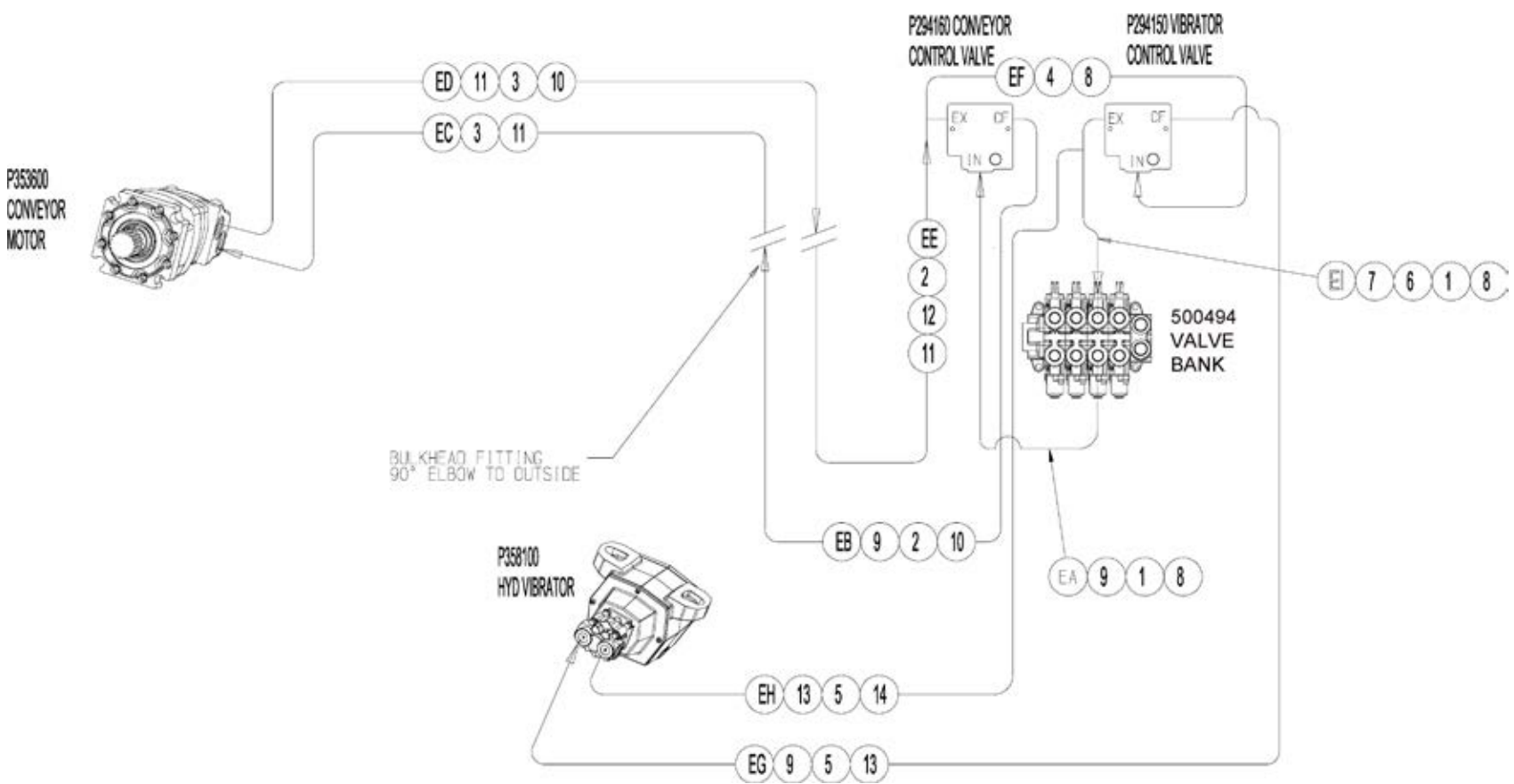


DEPTH AND GROOMER CIRCUIT LEGEND

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

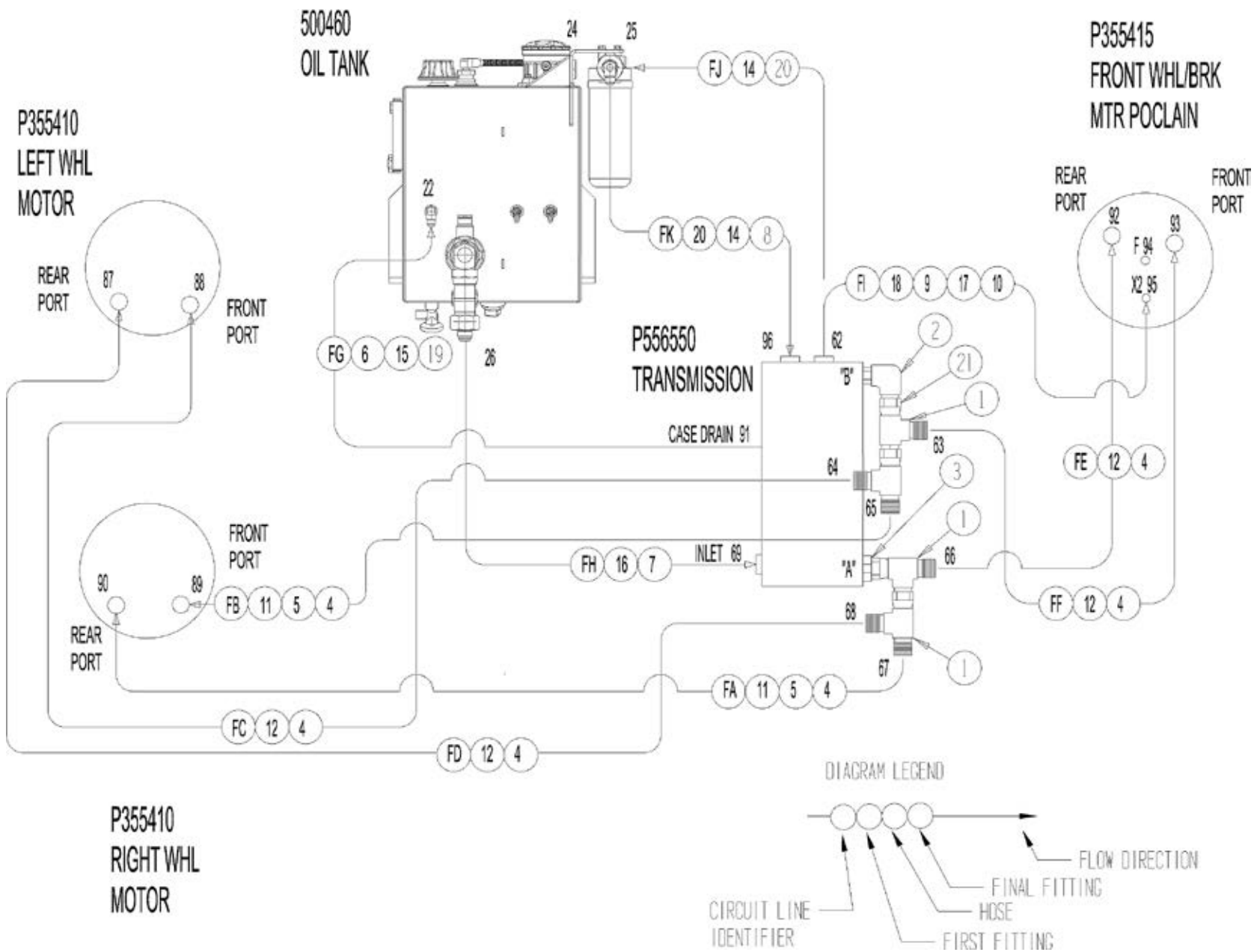
OSCILLATOR/CONVEYOR CIRCUIT SCHEMATIC



OSCILLATOR/CONVEYOR CIRCUIT LEGEND

500500 HYD CIRCUIT "E" 5450

<u>ITEM#</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
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	4	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

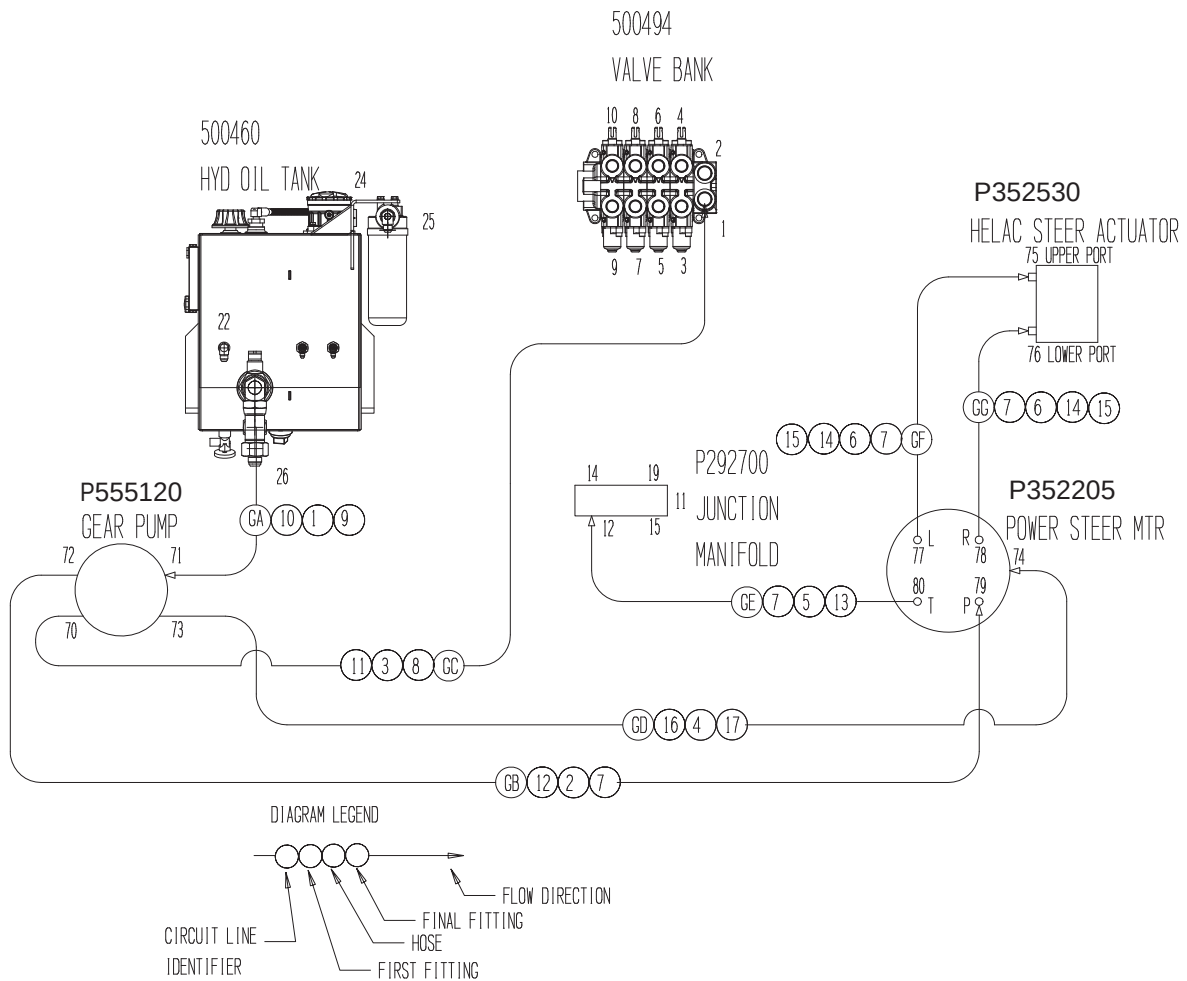


HYDROSTATIC PROPEL CIRCUIT LEGEND

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

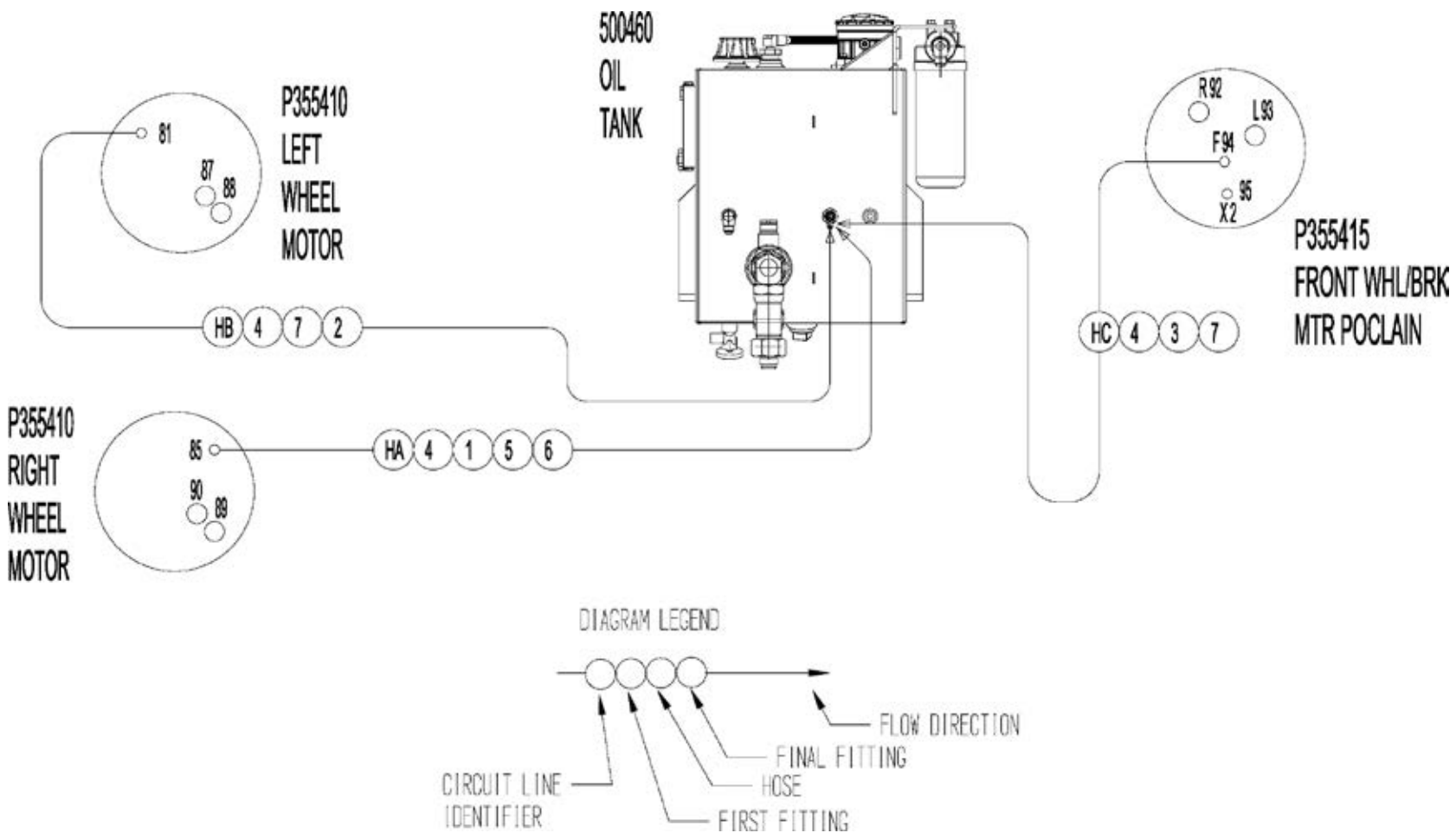
POWER STEERING CIRCUIT SCHEMATIC



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

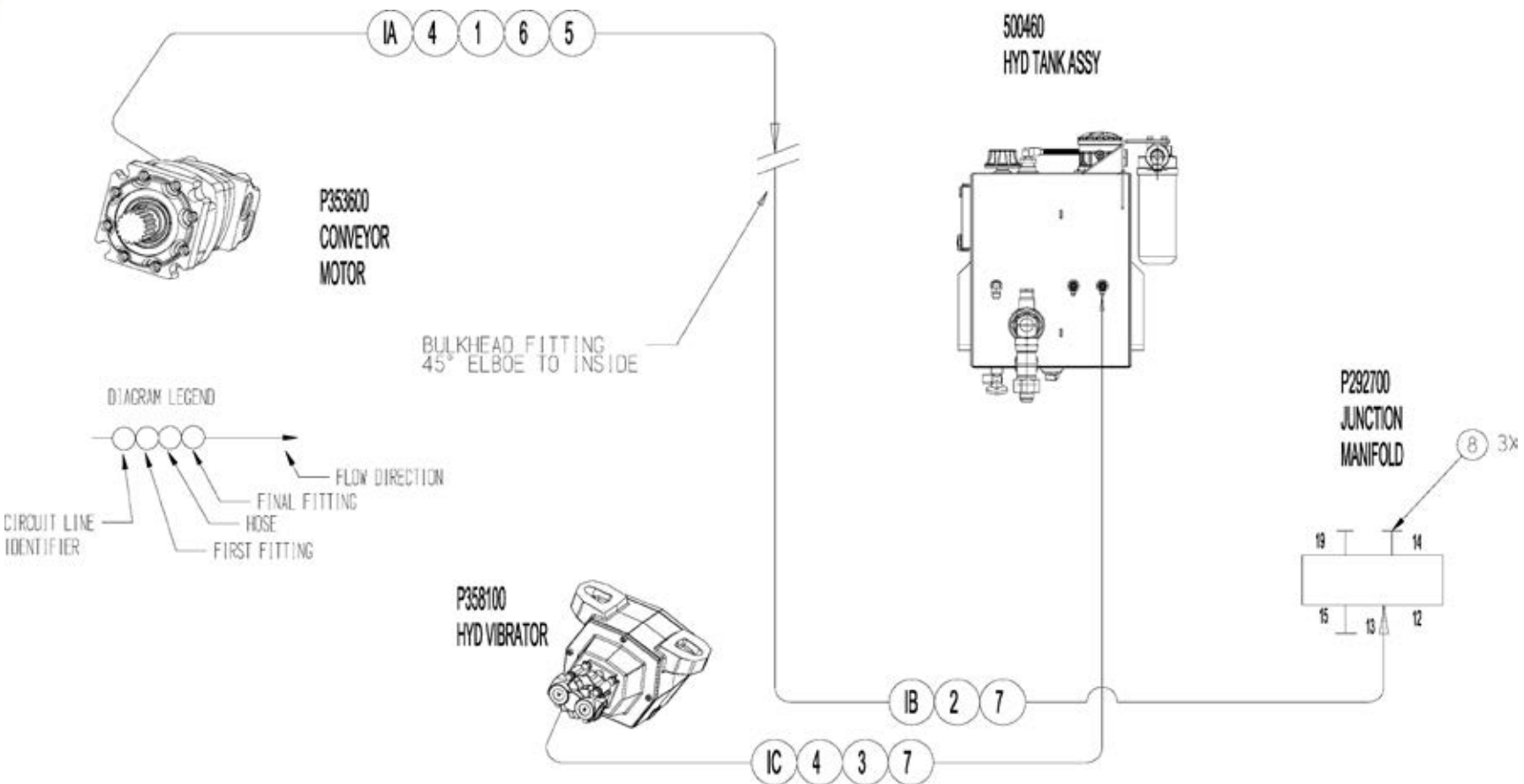


PROPEL CASE DRAIN CIRCUIT LEGEND

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