



Cherrington

Model 5000

SN # 112337

Cherrington Parts & Service Toll free 1-800-966-1588

Parts Manual

(09/2004)

By **Harley**
Enterprises

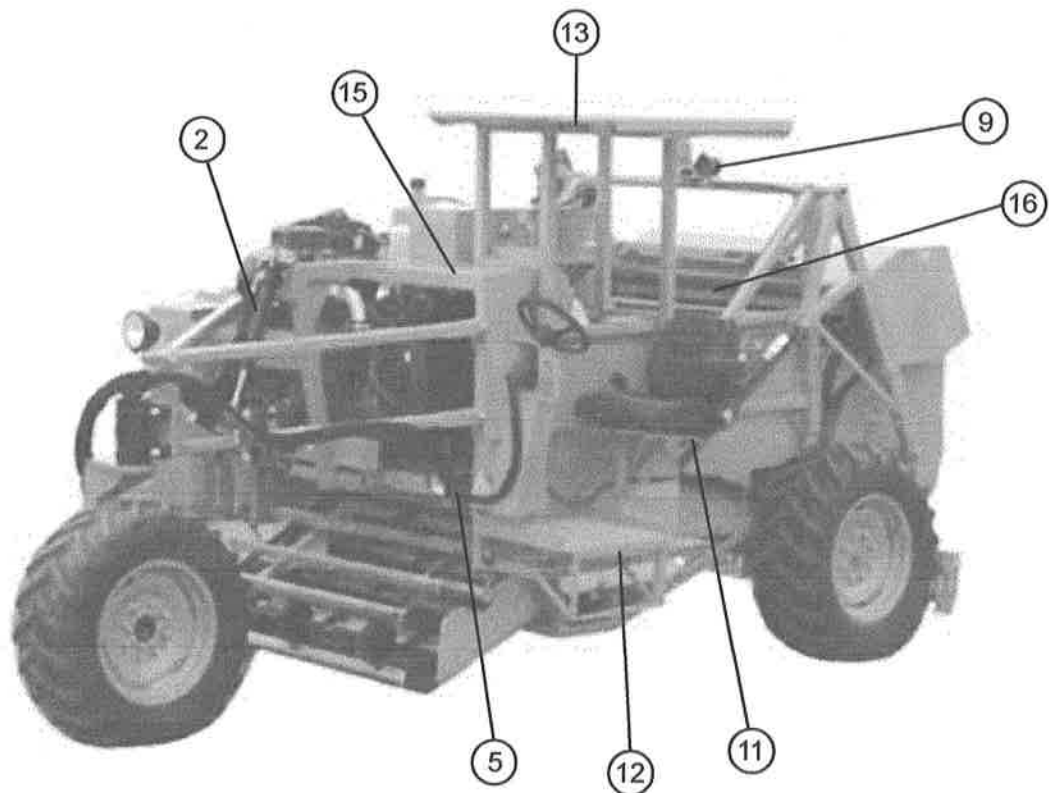
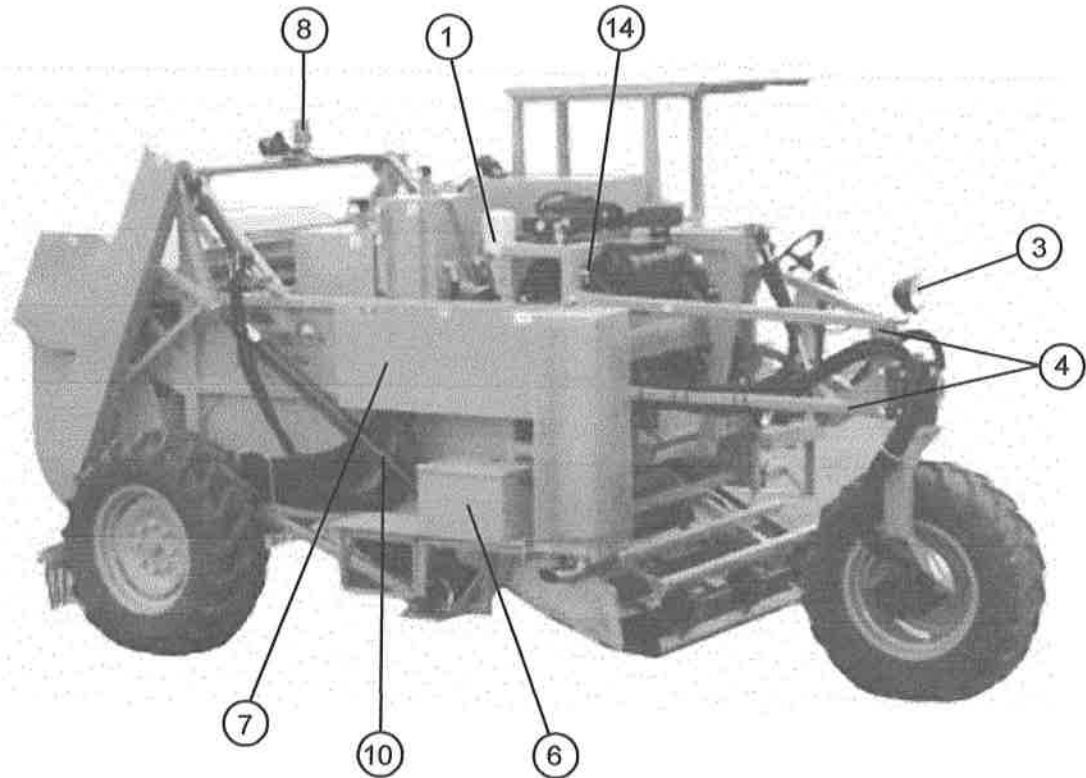
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OVERALL MACHINE LEGEND

REF NO.	PART NO.	DESCRIPTION	QTY
1	P371730	FILTER: HYD ASSY	2
	P297170	GAUGE: IND LP CI-20	1
	P297190	GAUGE: IND VAC GV-5	1
	P371810	FILTER: HYD ELMT	
2		CYLINDER,	1
	005248	PIN: CYL/JACK	2
	P781000	STROKE CONTROL SET	1
	003076	STOP, DIGGER CYL, SAFETY	1
	P123005	LOCK PIN: 5/16"	1
		SEAL KIT	1
	004976	BRKT, DIGGER CYL ADJ	1
3	P312100	LIGHT: HEAD	1
4	000587W	STABILIZER ARM WLD	4
	000622M	SPACER, STABILIZER 2-9/16	4
	P620600	GREASE FITTING: 1/4"-28 TAPER X 35/64	4
5	P312700	LIGHT: WORKING	3
6	004971	BATTERY BOX, 5000	1
	000730W	COVER, BATTERY BOX	1
7	P292700	JUNCTION MANIFOLD	1
8	P312600	LIGHT: STROBE	1
9	P001720	ALARM: BACK-UP, PRECO 45AA	1
10	002142	CYLINDER, BOOM / HOIST LIFT - LOWER	2
			2
	P259101	SEAL KIT (USED ON P/N: 002142)	1
11	P600300	SEAT: GRAMMER GS-12 ASSEMBLY	1
	005170	SEAT POST WLD	1
	P999000	BOX: OWNERS MANUAL	1
12	004982	PLATFORM, FOOT	1
13	000774A	CANOPY	1
15	004977	SHIELD, RADIATOR COVER	1

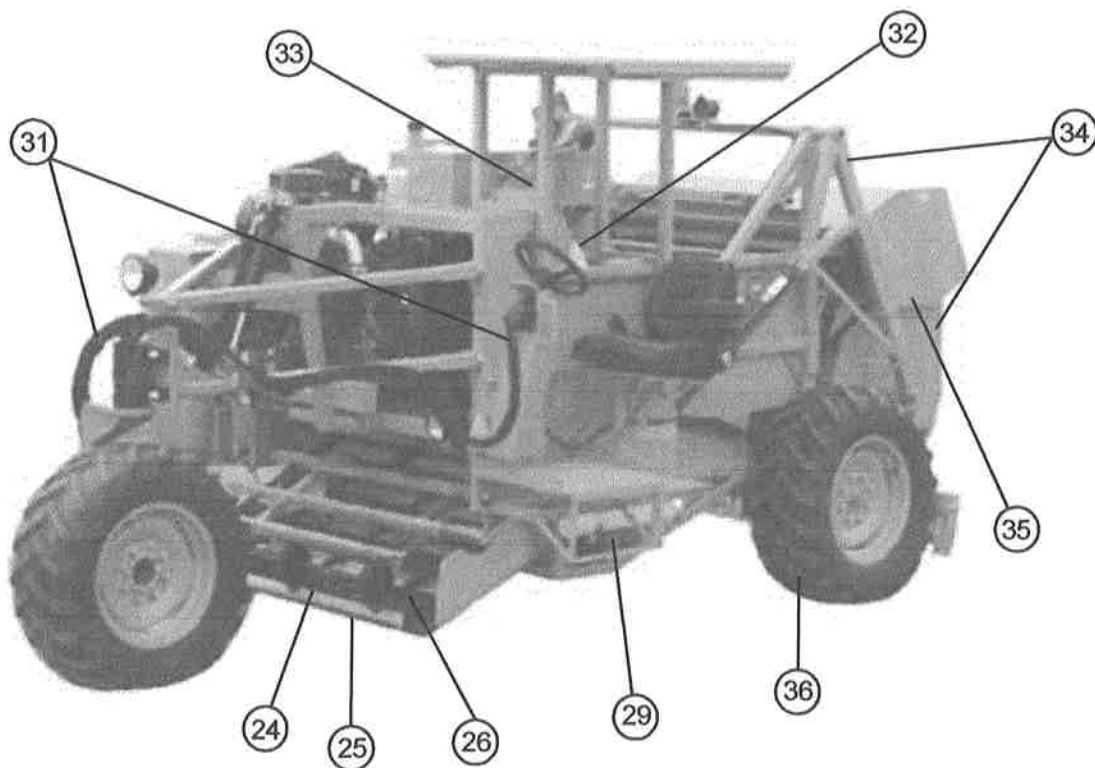
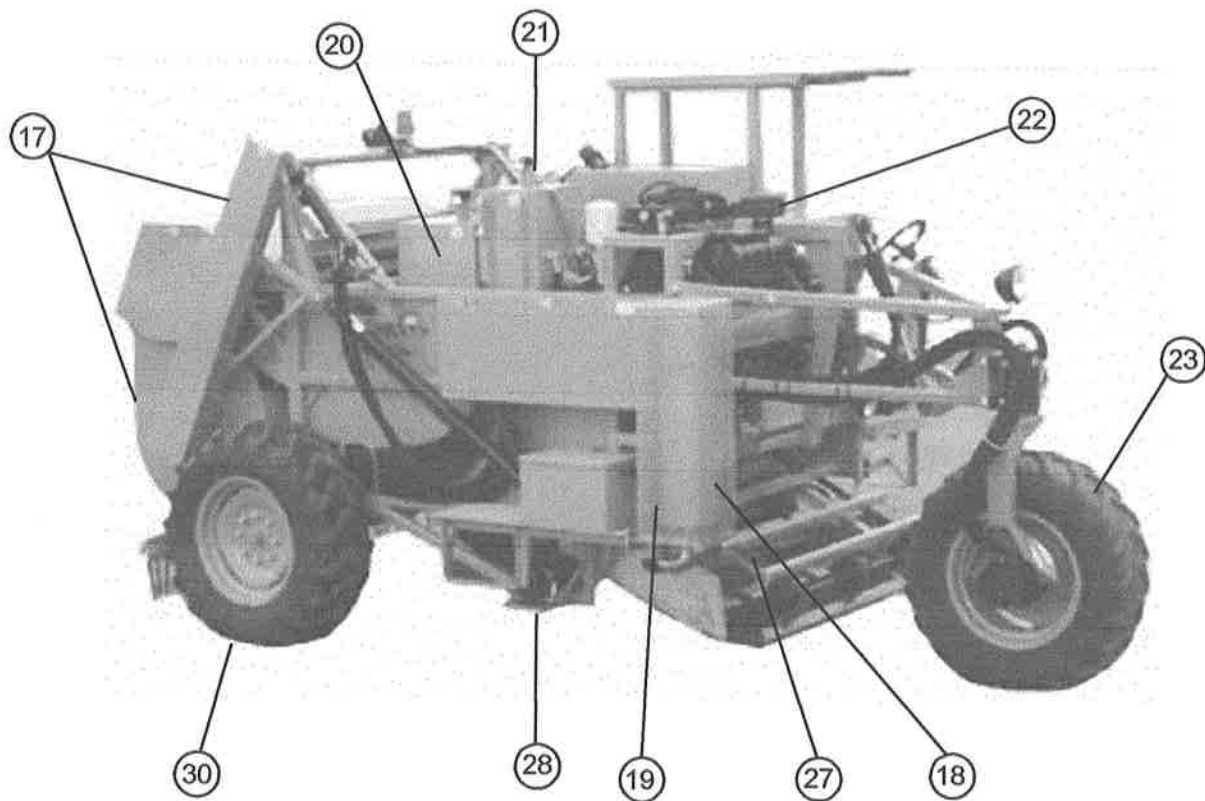
OVERALL MACHINE LEGEND



OVERALL MACHINE LEGEND

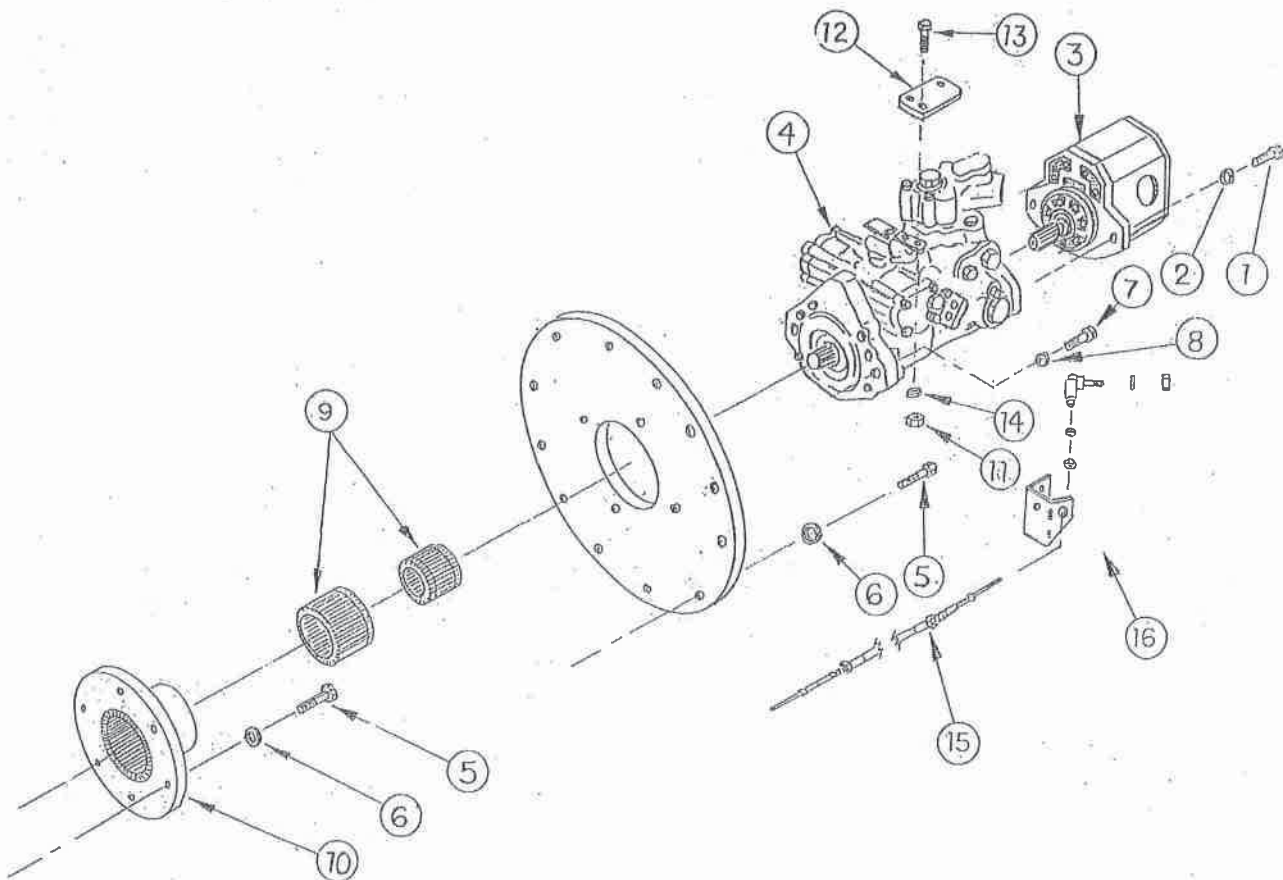
REF NO.	SEE PAGE	DESCRIPTION
17	26-27	HOPPER AND ROLLOVER COMPONENTS
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21	28	OIL TANK
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OVERALL MACHINE LEGEND



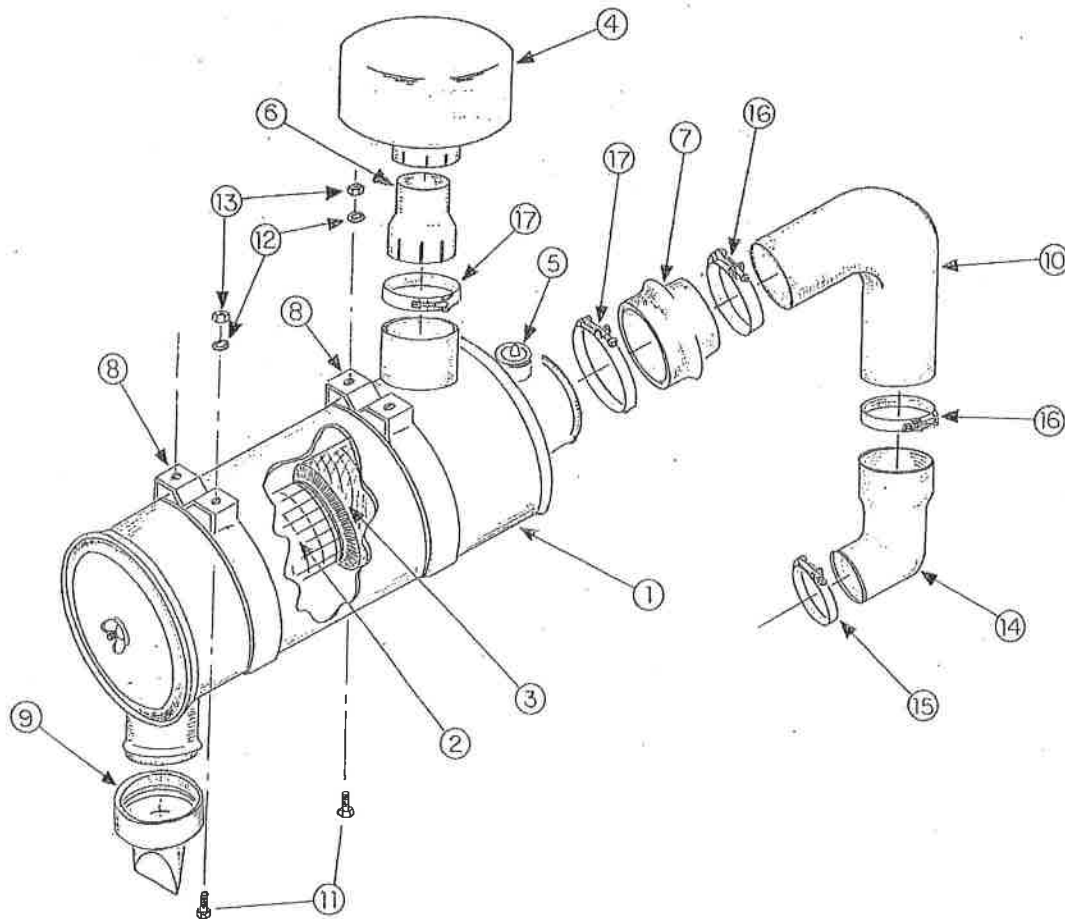
TRANSMISSION/DRIVE COUPLING ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY
1	P100807	BOLT: 1/2" X 1-3/4"	2
2	P851108	WASHER: LOCK 1/2"	2
3	P555100	PUMP: GEAR 26306 RAE	1
4	P556550	PUMP: HYDROSTATIC PROPEL M46	1
7	P100807	BOLT: 1/2" X 1-3/4"	2
8	P851108	WASHER: LOCK 1/2"	2
9		HYDRAULIC PUMP DRIVE SAE B 2 BOLT 15 TOOTH	1
11	P155450	NUT: 3/8" TOP LOCK	2
12	003656	TAB, TRANS. CONTROL EXT.	1
13	P100603	BOLT: 3/8-16 NC X 3/4"	2
14	P851106	WASHER: LOCK, 3/8"	2
15	P115852	CABLE: PUSH-PULL 52"	1
16	005262	BRKT, M46 CABLE	1



AIR CLEANER

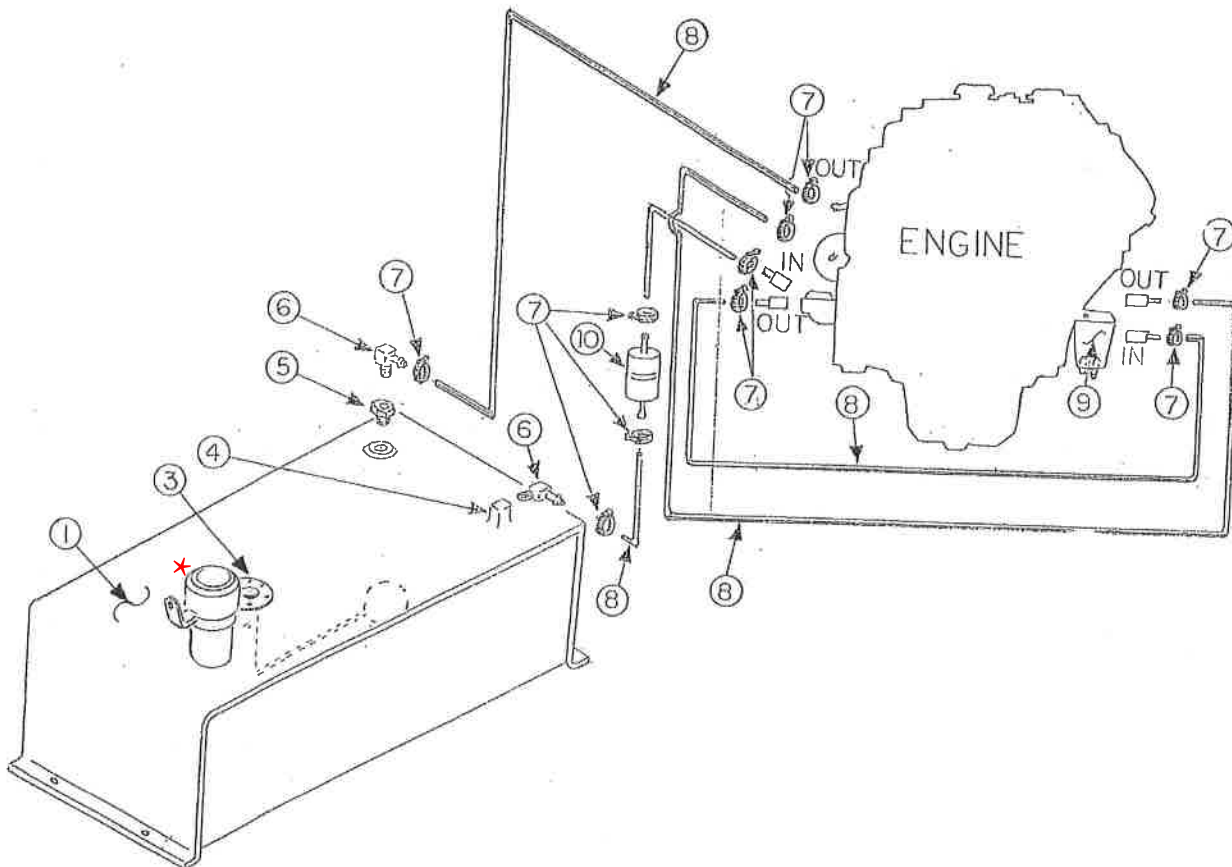
REF NO.	PART NO.	DESCRIPTION	QTY
1	P001610	AIR CLNR: DON #FHG065359 (INCLUDES 2, 3, & 9)	1
2	P371375	FILTER: AIR, ELMT SAFETY	1
3	P371365	FILTER: AIR ELMT PRIME	1
4	P570400	PRE-CLNR: AIR	1
5	P297160	GAUGE: IND A/C DON #RAX002351	1
6	P267001	FITTING: PRE-CLNR	1
7	P269206	HOSE: REDUCER A/C	1
8	P133100	MTG BAND: A/C 6.5"	2
9	P293000	VALVE: VACUATOR 3"	1
10	003745	TUBE, 2-1/2" INTAKE ELBOW	1
11	P100403	BOLT: 1/4-20 NC 3/4"	4
12	P851104	WASHER: LOCK 1/4"	4
13	P155250	NUT: 1/4" TOP-LOCK	4
14	003742	HOSE, INTAKE COUPLER	1
15	P128850	CLAMP: HOSE, 2" ID T-BOLT	1
16	P128860	CLAMP: HOSE, 2-1/2" ID T-BOLT	2
17	P128870	CLAMP: HOSE, 3" ID T-BOLT	2



FUEL SYSTEM

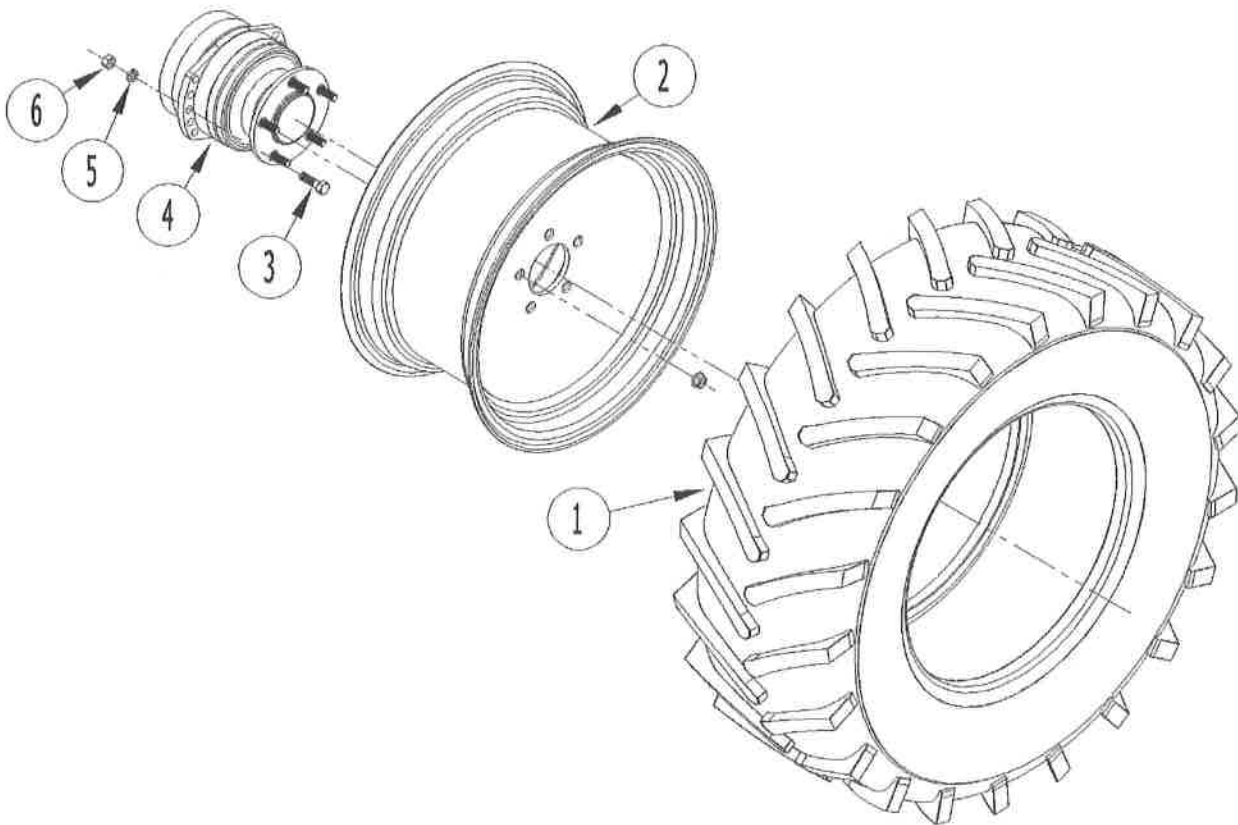
REF NO.	PART NO.	DESCRIPTION	QTY
1	005082	TANK , FUEL, ASSY (18 GAL) (INCLUDES: 3 & 4)	1
3	002096	SENDER ASSY, FUEL LEVEL	1
4	P769000	SIPHON TUBE ASSY	1
5	P267320	FITTING: 6MP 4FP REDUCER	1
6	P267140	FITTING: 4MP 5FP BRASS ADAPTER	2
7	P128702	CLAMP: HOSE, SIZE 02	8
8	R99000703	HOSE: FUEL LINE, 5/16" ID (SPECIFY LENGTH DESIRED)	
10	P371650	FILTER: FUEL, IN-LINE	1

*NOT SHOWN: 71.P610000 FUEL CAP



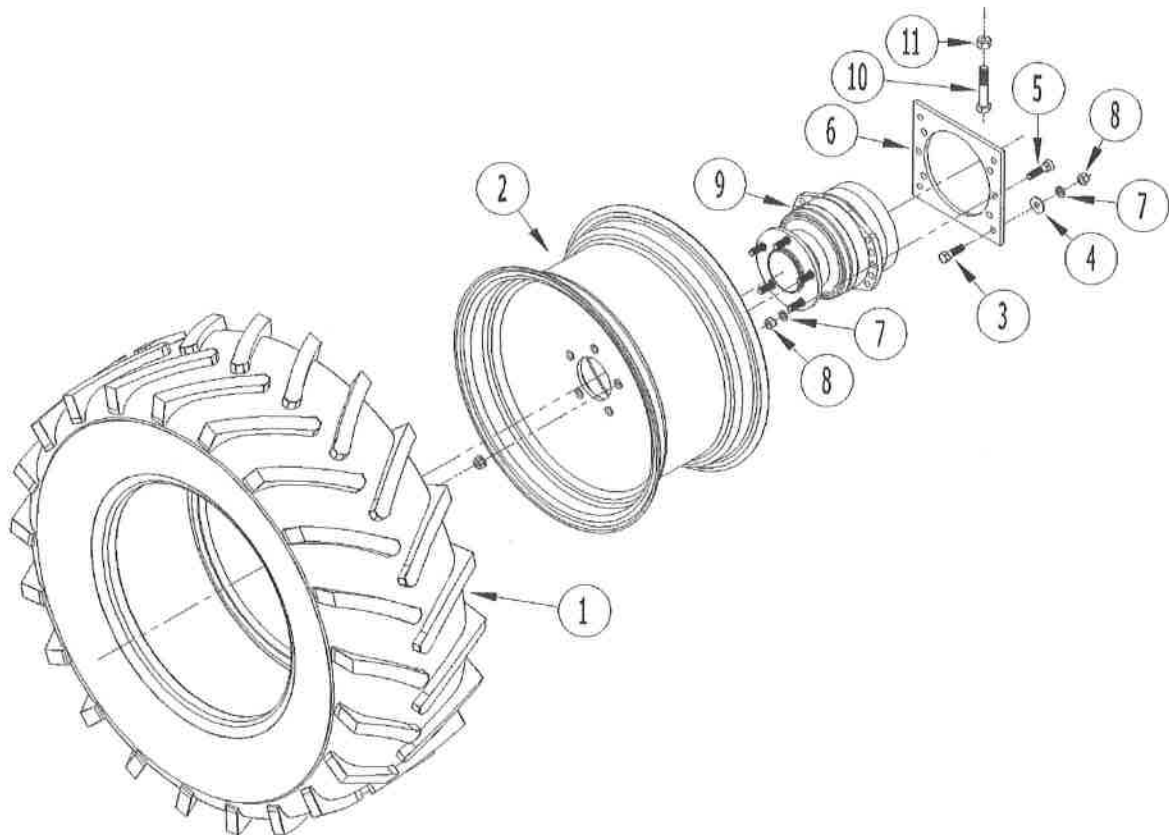
RIGHT WHEEL ASSY

REF NO.	PART NO.	DESCRIPTION	QTY
1	P763800	TIRE: 38 X 14.00	1
2	P750900	RIM: HEY 20 X 11 METRIC	1
	005292	WHEEL ASSY: MSE03 LH (INCLUDES 1 & 2)	1
3	P100807	HEX BOLT: 1/2" X 1-3/4"	6
4	P355600	MOTOR: WHEEL, POCLAIN MSE03	1
5	P851108	WASHER: LOCK 1/2"	6
6	P155850	NUT: 1/2" TOP-LOCK	6



LEFT WHEEL ASSY

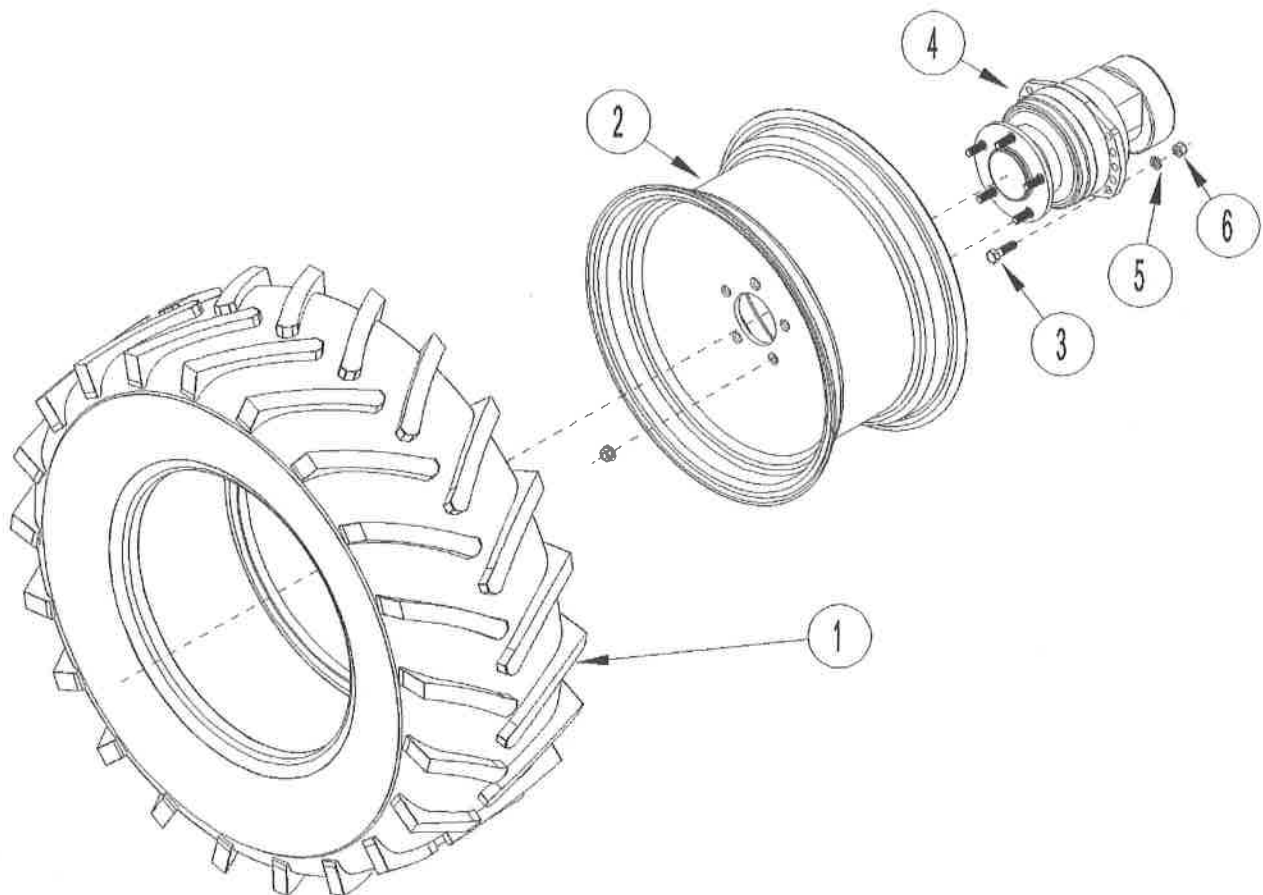
REF NO.	PART NO.	DESCRIPTION	QTY
1	P763800	TIRE: 38 X 14.00	1
2	P750900	RIM: HEY 20 X 11 METRIC	1
	005291	WHEEL ASSY: MSE03 RH (INCLUDES 1 & 2)	1
3	P100807	HEX BOLT: 1/2" X 1-3/4"	4
4	P850108	WASHER: FLAT ZINC 1/2"	4
5	P114808	PLOW BOLT: 1/2" X 2"	6
6	005290	PLATE: WHEEL MOTOR ADJ MSE03	1
7	P851108	WASHER: LOCK 1/2"	10
8	P155850	NUT: 1/2" TOP-LOCK	10
9	P355600	MOTOR: WHEEL, POCLAIN MSE03	1
10	P099012	HEX BOLT: 5/8" X 3" GR.5 FULL	1
11	P155800	NUT: 5/8"-11 HEX JAM	1



(11/2004)

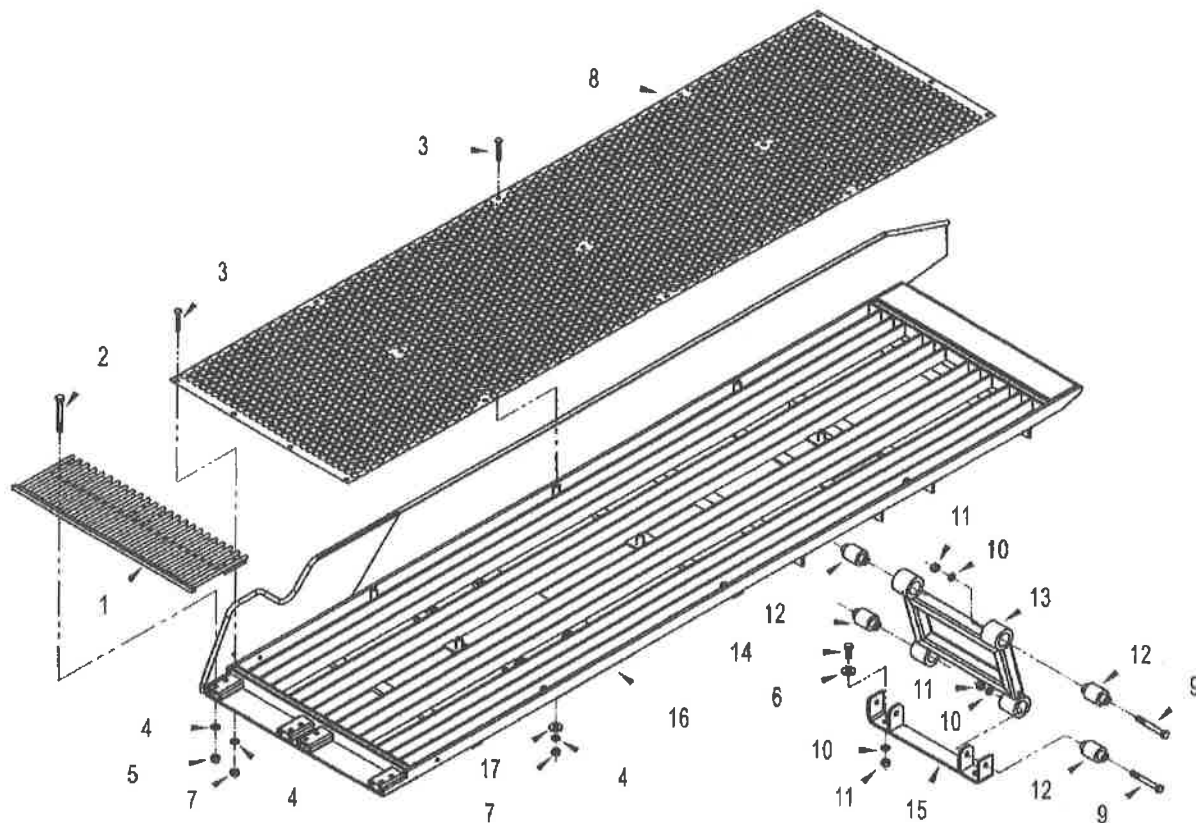
FRONT WHEEL ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY
1	P763800	TIRE: 38 X 14.00	1
2	P750900	RIM: HEY 20 X 11 METRIC	1
	005291	WHEEL ASSY: MSE03 RH (INCLUDES 1 & 2)	1
3	P100807	HEX BOLT: 1/2" X 1-3/4"	6
4	P355700	MTR: WHEEL/BRAKE, POCLAIN MSE03	1
5	P851108	WASHER: LOCK 1/2"	6
6	P155850	NUT: 1/2" TOP-LOCK	6



SCREEN SYSTEM

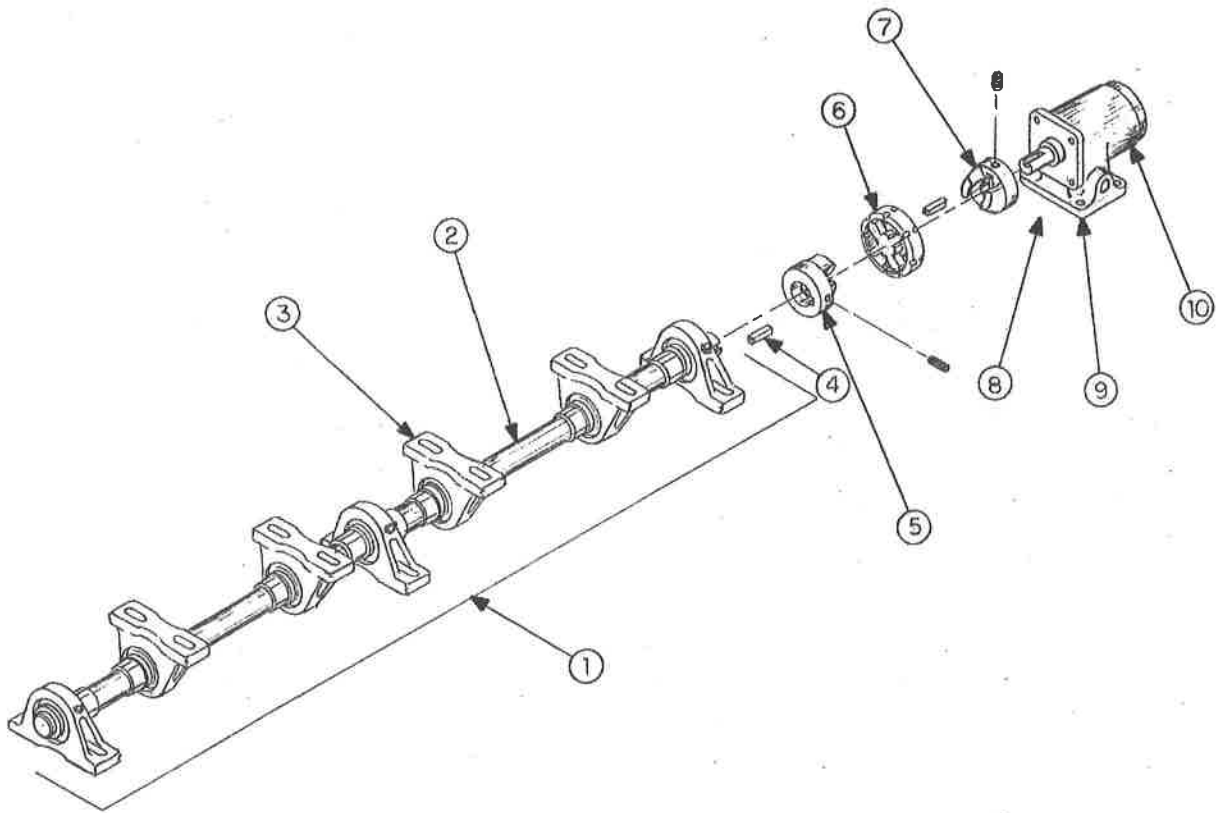
REF NO.	PART NO.	DESCRIPTION	QTY
1 *	000304W	DIGGER POINT WELD, STANDARD	2
2	P100609	BOLT: 3/8-16 NC X 2-1/4"	16
3	P114610	PLOW BOLT: 3/8-16 X 2-1/2"	28
4	P851106	WASHER: LOCK 3/8"	44
5	P155450	NUT: 3/8" TOP-LOCK	16
6	P850108	WASHER: FLAT ZINC 1/2"	4
7	P150601	HEX NUT: 3/8" GR.8 PLATED	28
8A	005232	SCREEN WLD, 3/4" WOVEN (STANDARD)	2
8B	005234	SCREENWLD, 5/8" WOVEN (OPTIONAL)	2
9	P100816	BOLT: 1/2-13 NC X 4"	8
10	P851108	WASHER: LOCK 1/2"	12
11	P155850	NUT: 1/2" TOP-LOCK	12
12	P126820	BUSHING: RUBBER	8
13	002051	RISER, REAR SCREEN	2
14	P100805	HEX BOLT: 1/2" X 1-1/4"	4
15	005202	BRKT: LOWER SCREEN RISER	2
16A	004374	SCREEN FRAME, RIGHT	1
16B	004375	SCREEN FRAME, LEFT	1
17	P850106	WASHER: FLAT ZINC 3/8"	20



OSCILLATOR MECHANISM

REF NO.	PART NO.	DESCRIPTION	QTY
1	002065A	SHAFT ASSEMBLY, OSCILLATOR (INCLUDES 2 & 3)	1
2	002065SA	SHAFT ASSY, OSC SUB	1
3	000691M	BEARING, OSC, 2" SEALMASTER	7
4	000067M	KEY, OSCILLATOR COUPLING	1
5*	P272960	COUPLING HALF: 1-1/2" BORE FLEX (INCLUDES:)	1
	P108554	SET SCREW: 7/16-14 X 1/2"	1
6*	P272990	CPLG INSERT: 90 DURO SPIDER	1
7*	P272930	COUPLING HALF: 1" BORE FLEX (INCLUDES:)	1
	P108557	SET SCREW: 7/16-14 X 3/4"	1
8	003457	MOTOR ASSY, OSC (1017) (INCLUDES: 9 & 10)	1
9	P356000	BASE BLOCK: C/L 123-1008	1
10	P351100	MTR: C/L #101-1017 (INCLUDES:)	1
	P307300	KEY: WOODRUFF 1/4 X 1 NO. 15	1

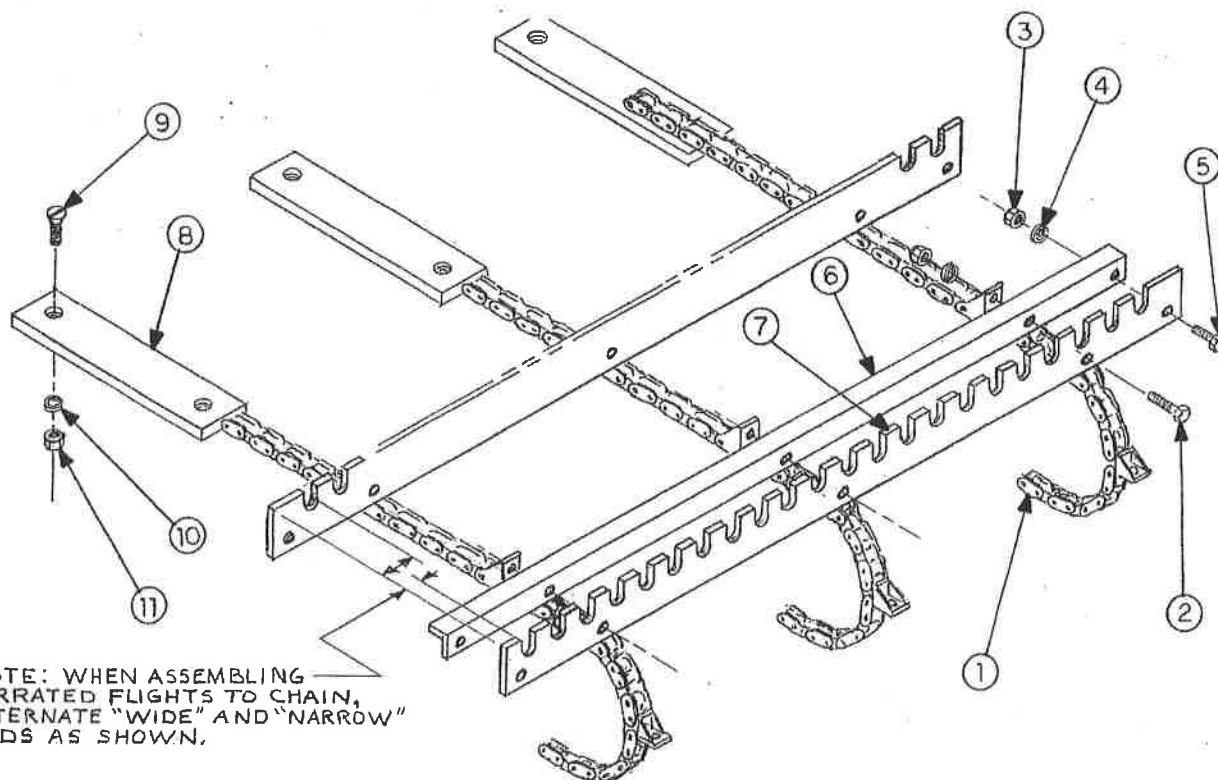
* 71.P272900 COMPLETE COUPLER ASSEMBLY (INCLUDES #5, #6 ,#7 AND SET SCREWS)



FLIGHT SYSTEM

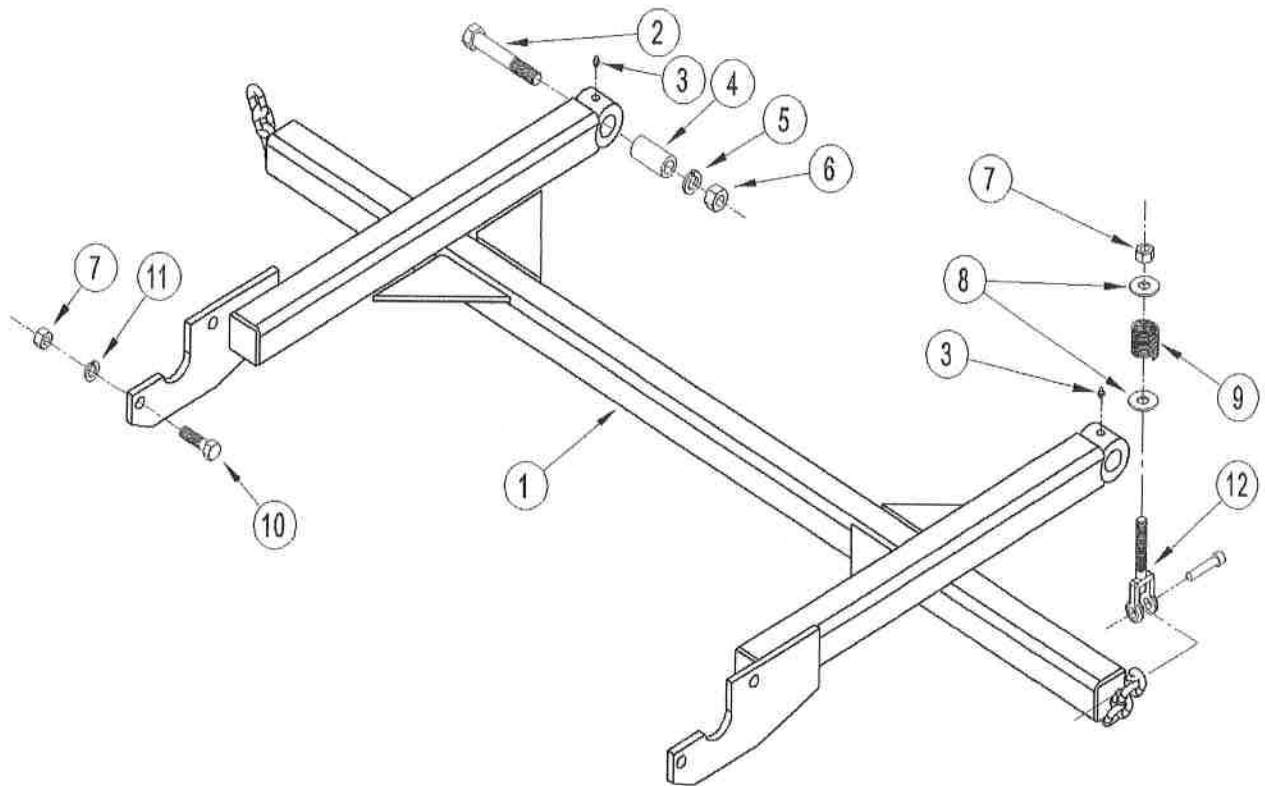
REF NO.	PART NO.	DESCRIPTION	QTY
1	P632800	CHAIN: #620 CONV 26CLT *SEE NOTE BELOW (REPAIR PARTS:)	3
	P630403	OFFSET LINK: #620	
	004584	CHAIN LINK, ATTACHMENT ASSY 5000 (INCLUDES:)	
	P630400	CONNECTING LINK: #620 ATTACH	1
	P630401	CONNECTING LINK: #620	2
2	P100605	BOLT: 3/8-16 NC X 1-1/4"	78
3	P155450	NUT: 3/8" TOP-LOCK	130
4	P851106	WASHER: LOCK 3/8"	130
5	P100604	BOLT: 3/8-16 NC X 1"	52
6	000053M	FLIGHT MOUNTING ANGLE	26
7	000052M	FLIGHT BLADE: 2-1/4"	26
8		SNUGULATOR	6

*UPDATED CONVEYOR CHAIN #620 - 26 CLEATS P/N: 71.P632820



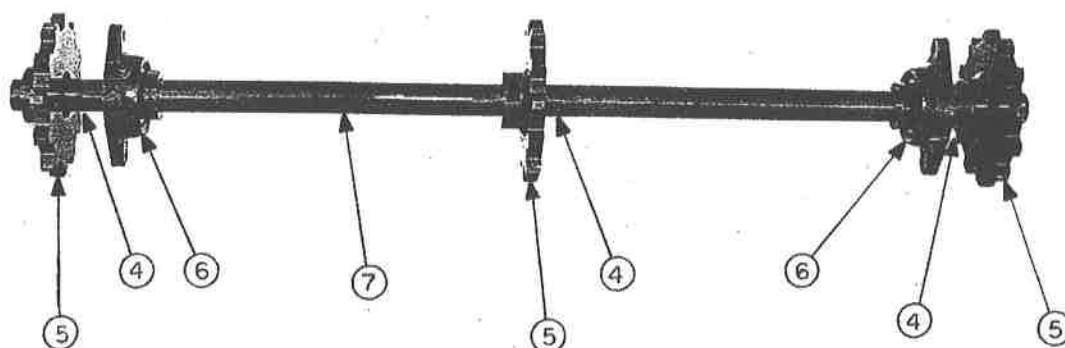
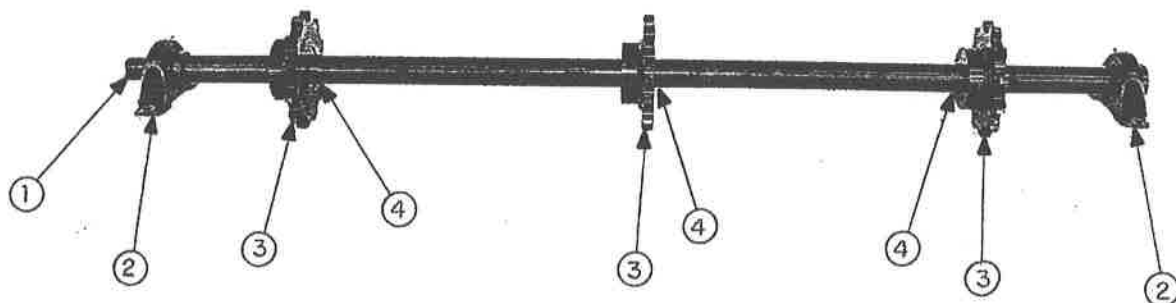
CONVEYOR SUPPORT ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY
1		CONVEYOR SUPPORT WITH SNUGULATORS	1
2	P101016	BOLT: 5/8-11 NC X 4" GRD 8	2
3	P620200	GREASE FITTING: 1/4" STRAIGHT	2
4	000026M	SPACER, STABILIZER (2-1/16")	2
5	P851110	WASHER: LOCK 5/8"	2
6	P157500	NUT: 5/8-11 TOP-LOCK	2
7	P155850	NUT: 1/2" TOP-LOCK	6
8	P850108	WASHER: FLAT ZINC 1/2"	4
9	002122	SPRING, FRONT CONVEYOR SUPPORT	2
10	P100807	HEX BOLT: 1/2" X 1-3/4"	4
11	P851108	WASHER: LOCK 1/2"	4
12	P135190	JAW END: 1/2"-13 X 9"	2



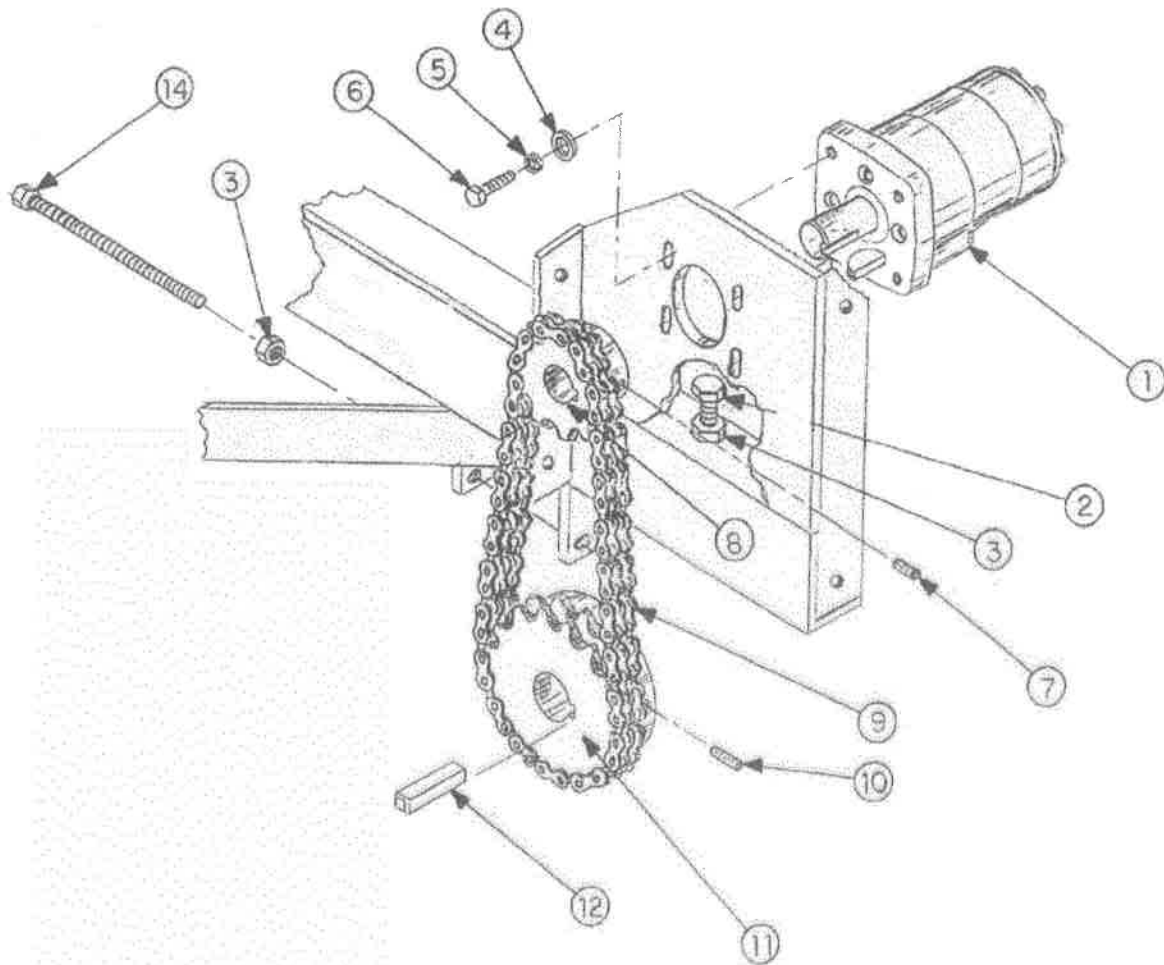
CONVEYOR SHAFT ASSEMBLY: FRONT & REAR

REF NO.	PART NO.	DESCRIPTION	QTY
1	000454M	SHAFT, REAR CONVEYOR (1-3/4")	1
2	P015100	BEARING: FAF 1-7/16" PB	2
3	000324W	SPROCKET, 620 12T 1-3/4" B	3
4	000328M	KEY, CONVEYOR SHAFT	3
	000454A	SHAFT, ASSY, REAR CONVEYOR (INCLUDES: 1 THRU 4)	1
5	000257W	SPROCKET, 620 12T 1-7/16" B	3
6	P015110	BEARING: FAF TCJT 1-7/16"	2
7	000272M	SHAFT, FRONT CONVEYOR	1
	000272A	SHAFT ASSY, FRONT CONVEYOR (INCLUDES: 4 THRU 7)	1



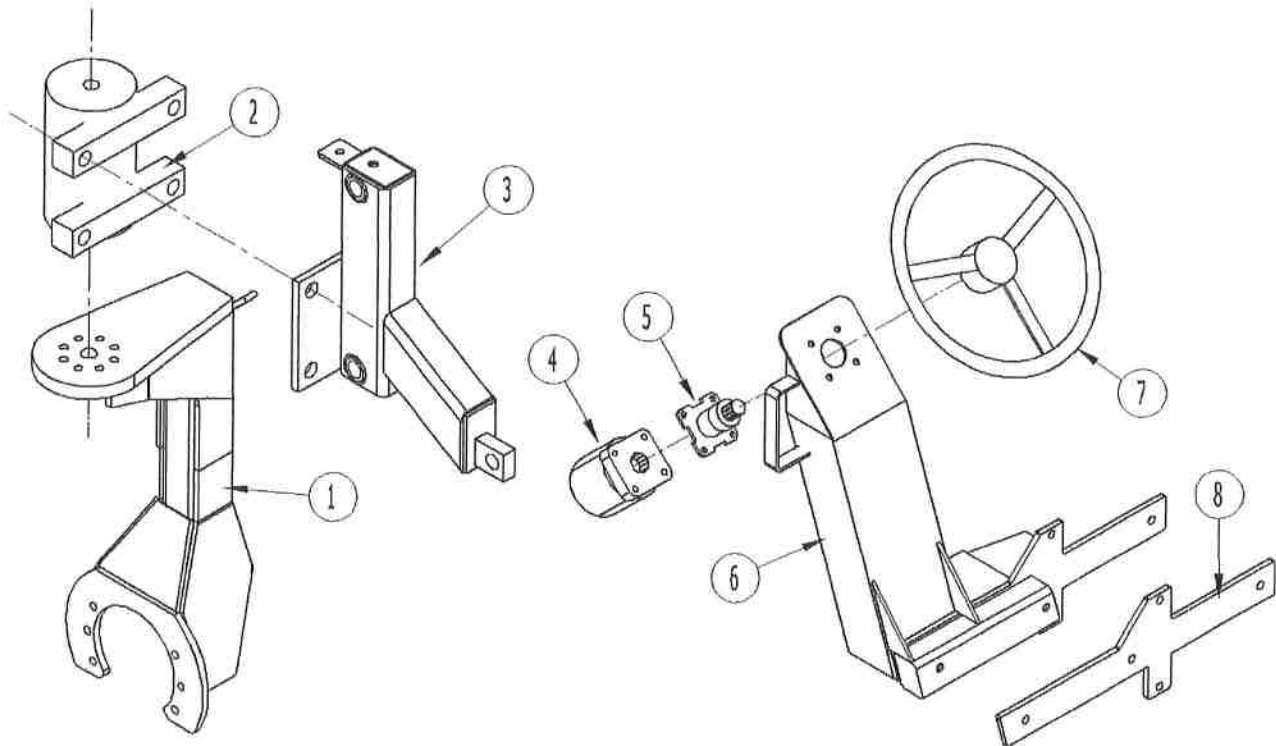
CONVEYOR DRIVE MECHANISM

REF NO.	PART NO.	DESCRIPTION	QTY
1	P352400	MOTOR, C/L 101-1751 7.3 CID (INCLUDES:)	1
	P307300	KEY: WOODRUFF 1/4" X 1 NO. 15	1
2	P100808	HEX BOLT: 1/2" X 2"	1
3	P150800	HEX NUT 1/2" PLATED	3
4	P850106	WASHER: FLAT ZINC 3/8"	4
5	P851106	WASHER: LOCK 3/8"	4
6	P100604	BOLT: 3/8-16 NC X 1"	4
7	P108606	SET SCREW: 3/8" NC X 3/8"	1
8	P652101	SPROCKET: D50B13HT 1" BORE	1
9	002175	CHAIN, #50 DOUBLE (INCLUDES:)	1
	P630203	CONNECTING LINK : #50-2	1
10	P108612	SET SCREW: 3/8-16 NC X 3/4"	1
11	P652230	SPROCKET: D50B23HT 1-7/16" BORE	1
12	000534M	KEY, CONVEYOR SPROCKET - DRIVEN	1
14	000374W	BOLT, REAR SHAFT ADJUSTMENT	2



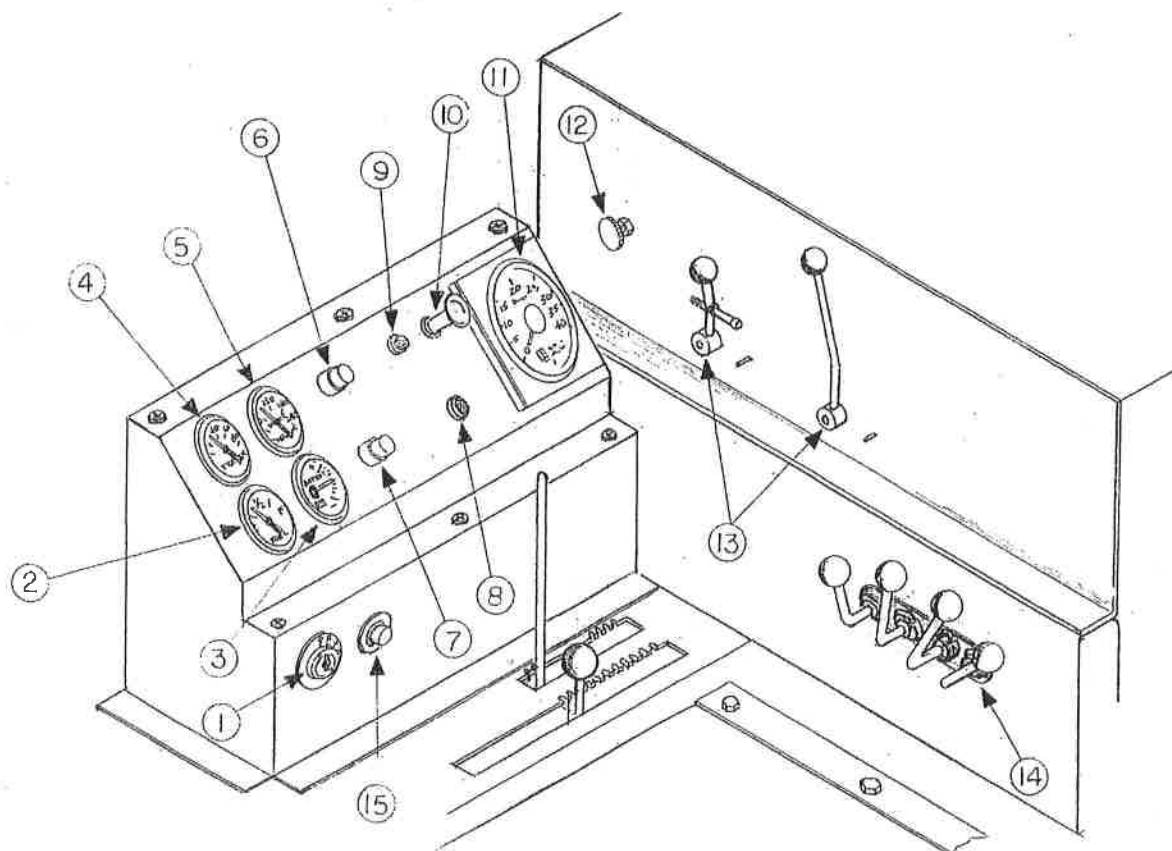
POWER STEERING COMPONENTS

REF NO.	PART NO.	DESCRIPTION	QTY
1	005294	FORK: MSE03/HELAC	1
2	P352500	ACTUATOR: HELAC STEERING L20-15E	1
3	005247	BRKT: HELAC MOUNT	1
4	002125	MOTOR: PS, (1008)	1
5	P768510	STEERING COLUMN: C/L 204-1002	1
6	003556	STEERING POST WELDMENT	1
7	P768500	STEERING WHEEL	1
8	000684W	STEERING POST RETAINER	1



CONTROLS AND GAUGES

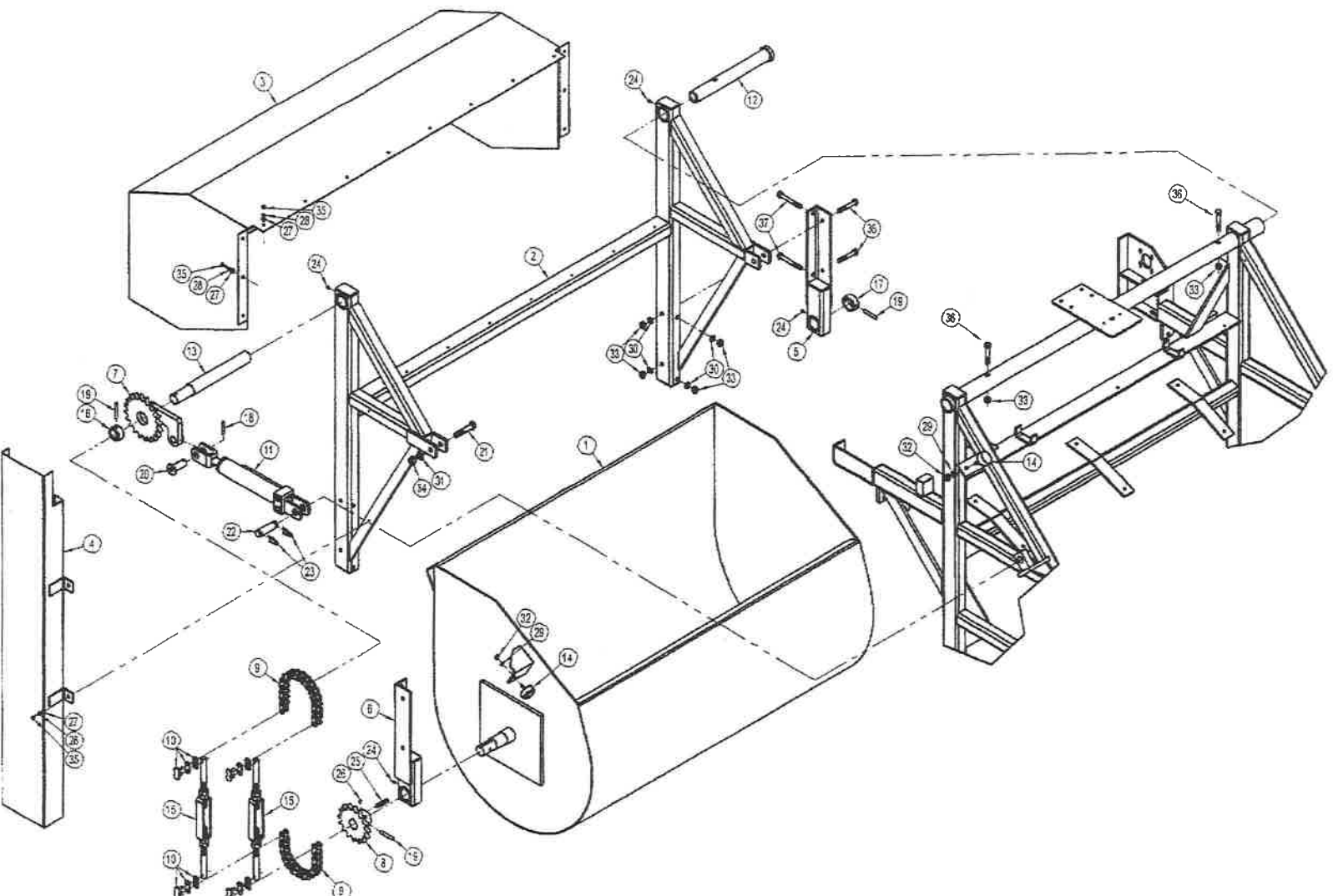
REF NO.	PART NO.	DESCRIPTION	QTY
1		SWITCH: IGN	1
2	P297120	GAUGE: FUEL TANK	1
3	P297280	GAUGE: VOLTMETER	1
4	P297210	GAUGE: OIL PRESSURE	1
5	P297290	GAUGE: WATER TEMP	1
6	002444	FUSEHOLDER, RING/SPADE	1
7	002443	FUSEHOLDER, RING/BUTT	1
8	P312400	LIGHT: INDICATOR RED	1
9	P312300	LIGHT: INDICATOR GREEN	1
10	P298145	SWITCH: LIGHT	1
11	P297270	GAUGE: TACH/HM	1
13	002291	VALVE, FLOW CONTROL	2
14	005149	VALVE BANK ASSY, HUSCO	1



HOPPER AND ROLLOVER COMPONENTS

REF NO.	PART NO.	DESCRIPTION	QTY
1	003677	HOPPER WELDMENT, BC	1
2	003022	BOOM WELDMENT	1
3	000124W	HOOD WELDMENT	1
4	002279	GUARD, R/O CHAIN	1
5	003018	BOOM ARM WELDMENT, LH DETACHABLE	1
6	003019	BOOM ARM WELDMENT, RH DETACHABLE	1
7	003032	CRANK, HOPPER	1
8	000267W	SPROCKET, HOPPER-DRIVEN 16T	1
9	005095	CHAIN, HOPPER ROLLOVER (INCLUDES ITEM 10)	2
10	000284P	CHAIN LINK, #80 CONNECTOR	4
11	002143	CYLINDER,	1
	P259090	SEAL KIT, (USED ON P/N: 002143)	
12	000243W	BOOM SWIVEL WELDMENT, LH	1
13	000292M	BOOM SWIVEL, RH	1
14	000358M	STOP, RUBBER	2
15	000268A	TURN BUCKLE ASSEMBLY	2
16	00274M	COLLAR, RETAINING, HOPPER CRANK	1
17	000365M	COLLAR, RETAINING, HOPPER	1
18	P122608	3/8" X 2" ROLL PIN	1
19	P122610	3/8" X 2-1/2" ROLL PIN	3
20	000550W	PIN, ROLLOVER CYLINDER	1
21	000366M	PIN, CLEVIS (5/8 BOLT)	2
22	P120850	PIN, CLEVIS 1"	1
23	P118010	CLIP, CLEVIS PIN	2
24	P620505	ZERK, 1/8" NPT, 5003, 1-1/4" OAL	4
25	000069M	KEY, HOPPER SPROCKET	1
26	P108604	SET SCREW, 3/8-16 NC X 1/4"	1
27	P850104	WASHER, FLAT, 1/4"	20
28	P851104	WASHER, LOCK, 1/4"	20
29	P851106	WASHER, LOCK, 3/8"	2
30	P851108	WASHER, LOCK, 1/2"	8
31	P851110	WASHER, LOCK, 5/8"	2
32	P155450	NUT, TOP LOCK, 3/8"	2
33	P155850	NUT, TOP LOCK, 1/2"	10
34	P157500	NUT, TOP LOCK, 5/8"	2
35	P100403	BOLT, HEX, 1/4-20 NC X 3/4"	20
36	P100812	BOLT, HEX, 1/2-13 NC X 3"	6
37	P100816	BOLT, HEX, 1/2-13 NC X 4"	4

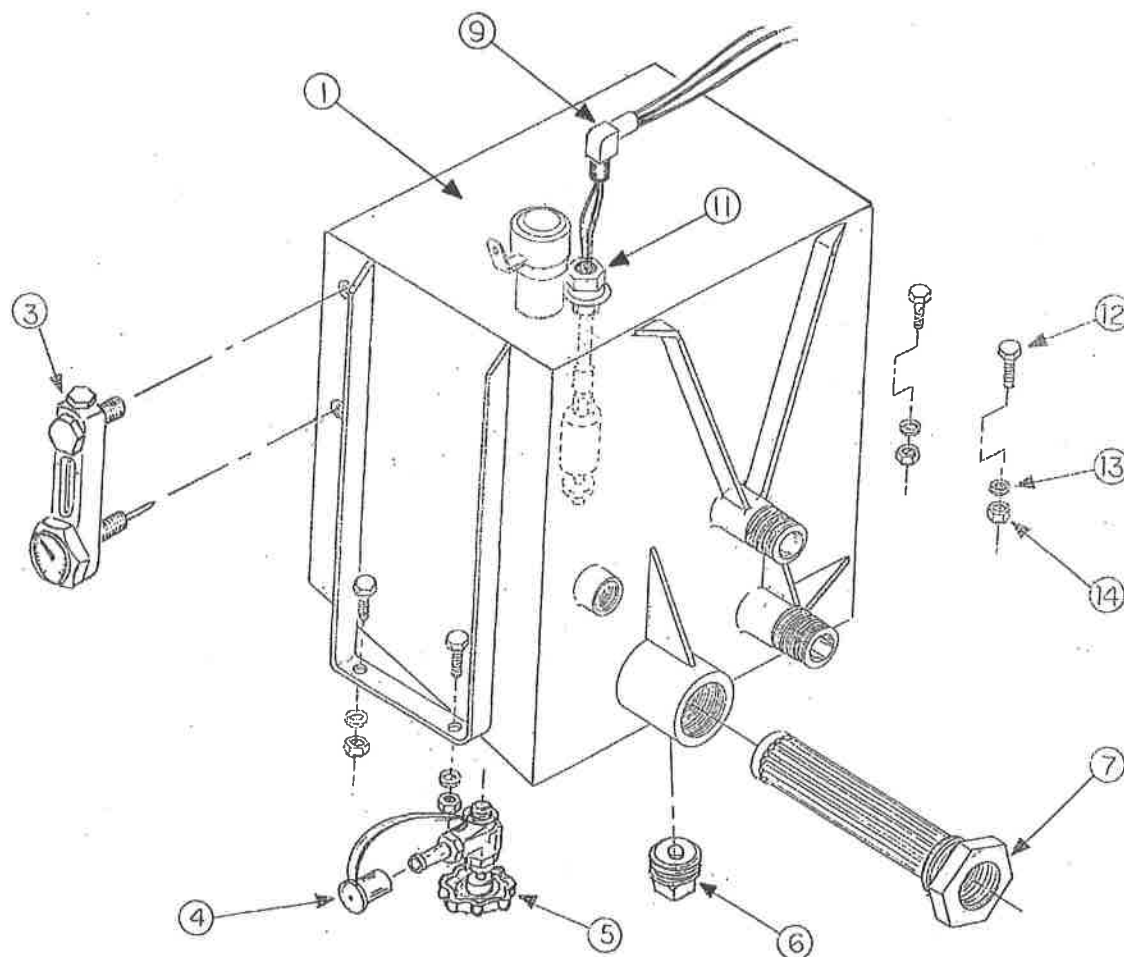
HOPPER AND ROLLOVER COMPONENTS



(02/2004)

OIL TANK ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY
1	005086	TANK, HYD ASSY, 5000 (INCLUDES: 6, 7, 9, & 11)	1
3	P297220	GAUGE: OIL SIGHT	1
4	P115920	CAP: DUST, OIL TANK DRAIN	1
5	P294010	VALVE: OIL TANK DRAIN	1
6	P270360	PLUG: MAGNETIC DRAIN 1-1/2"	1
7	P780100	STRAINER: HYD OIL	1
9	P266020	ELBOW: BRASS 3/8" NPT X 5/8"	1
11	005092	SENDER ASSY, HYD LEVEL/TEMP	1
12	P100605	BOLT: 3/8-16 NC X 1-1/4"	4
13	P851106	WASHER: LOCK 3/8"	4
14	P155450	NUT: 3/8" TOP-LOCK	4



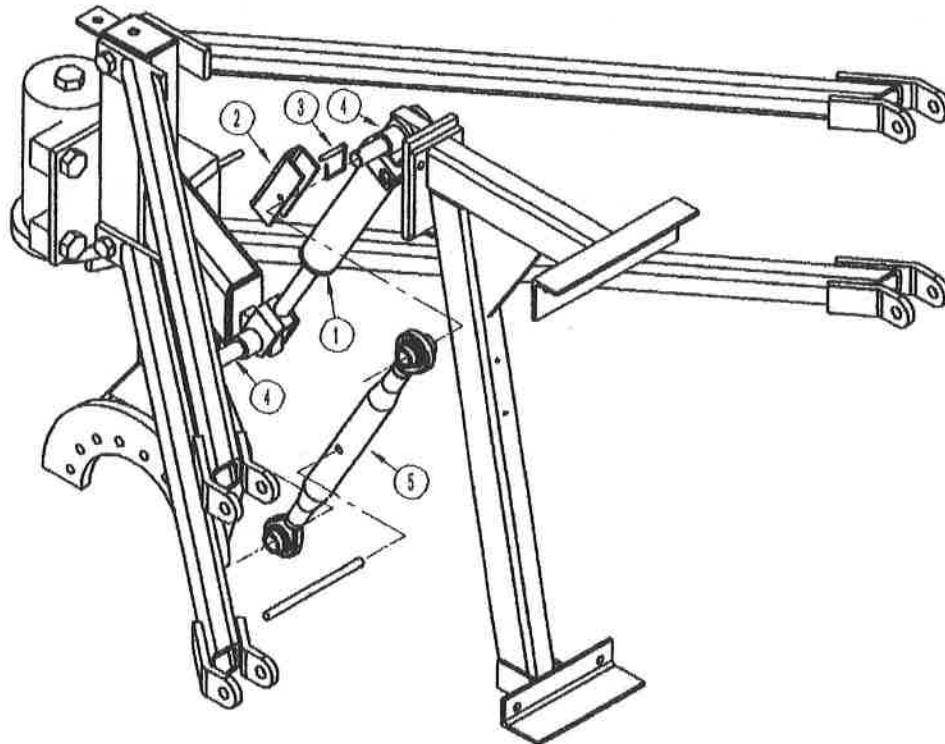
EMERGENCY TOW JACK

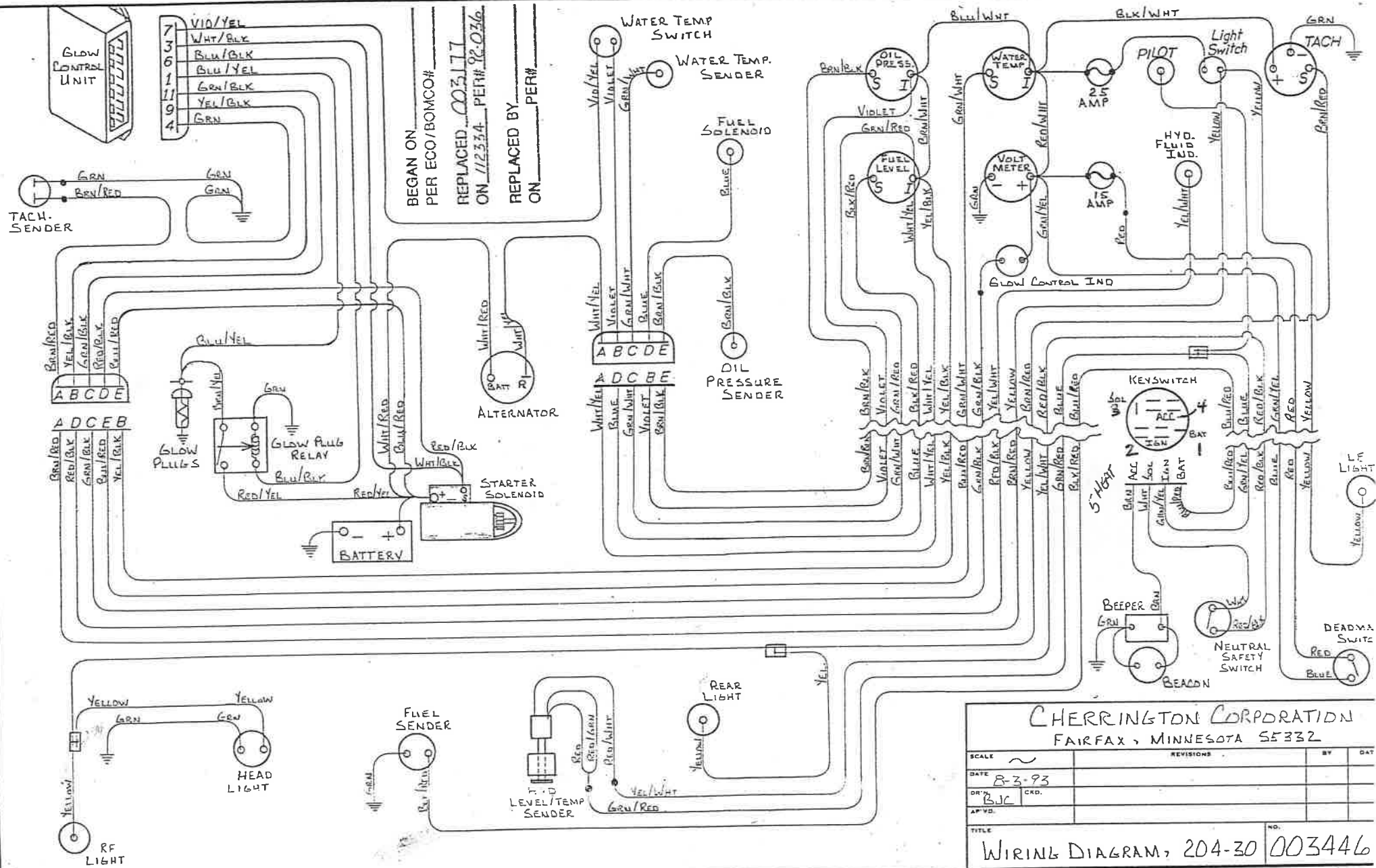
INSTRUCTIONS: IN CASE OF POWER OR DIGGER CYLINDER FAILURE, USE THE SCREW JACK (LOCATED IN TUBE BELOW OPERATORS PLATFORM) TO RAISE DIGGER POINTS TO ALLOW FOR TOWING.

FOLLOW THESE STEPS:

1. REMOVE SCREW HOLDING END CAP ONTO TUBE. AFTER REMOVING CAP, REMOVE THE SCREW JACK AND JACK HANDLE FROM INSIDE THE TUBE.
2. ATTACH SCREW JACK ONTO PINS ATTACHING DIGGER CLINDER TO MACHINE.
3. USE THE SUPPLIED JACK HANDLE TO TURN JACK, WHILE PERIODICALLY RELEASING LINE PRESSURE BY OPERATING 'DIGGER' VALVE HANDLE.
4. FOR ADDED SAFETY, INSTALL SAFETY STOP AND STROKE CONTROL SET ON THE DIGGER CYLINDER.

REF NO.	PART NO.	DESCRIPTION	QTY
1	002144	CYLINDER, DIGGER	1
2	003076	STOP, DIGGER CYLINDER, SAFETY	1
3	P123005	LOCK PIN: 5/16"	1
4	005248	PIN: CYL/JACK	2
5	P301400	JACK: SCREW TL174	1



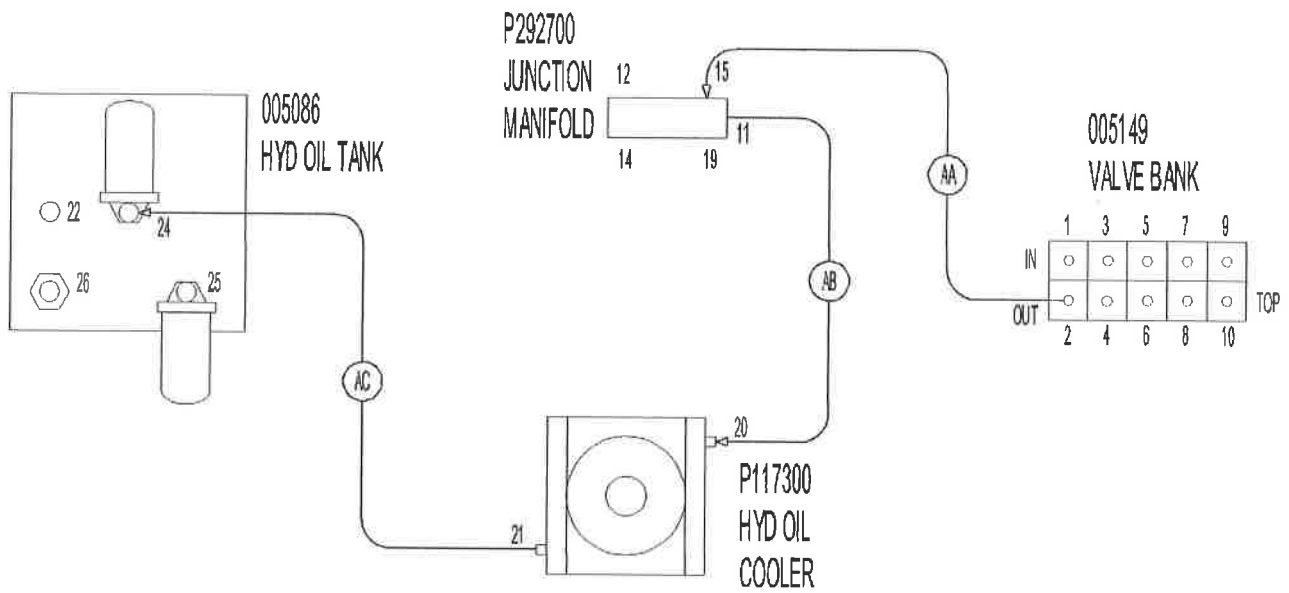


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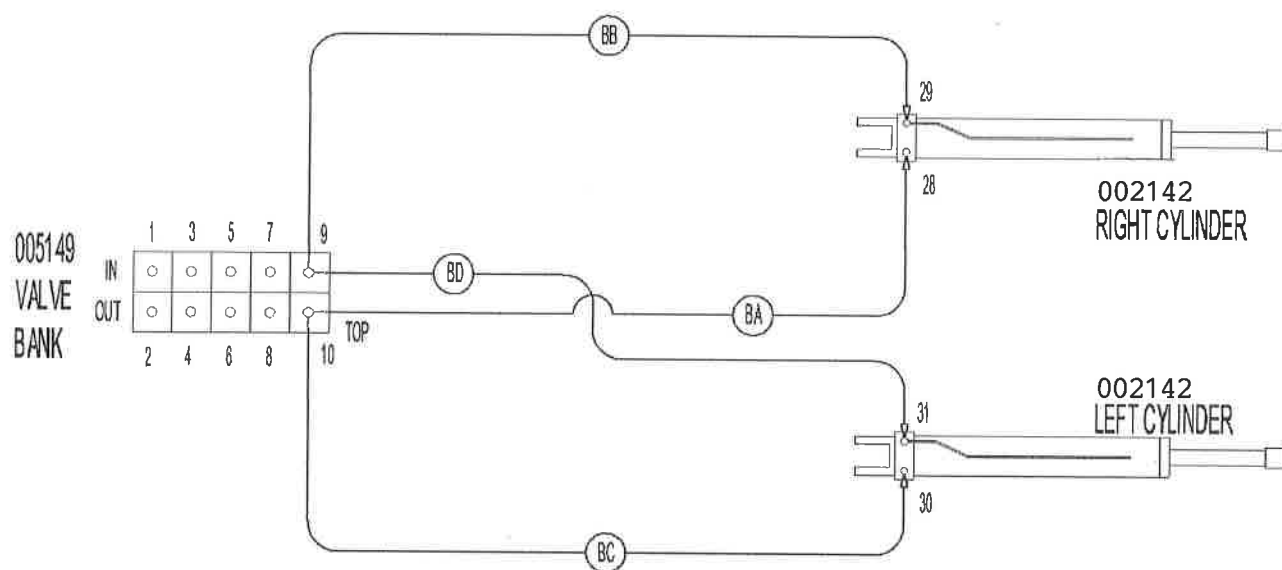
SCALE	REVISIONS	BY	DATE
~			
DATE	8-3-93		
DR'N	BJC	CKD.	
AP'VD.			

TITLE: WIRING DIAGRAM, 204-30 003446

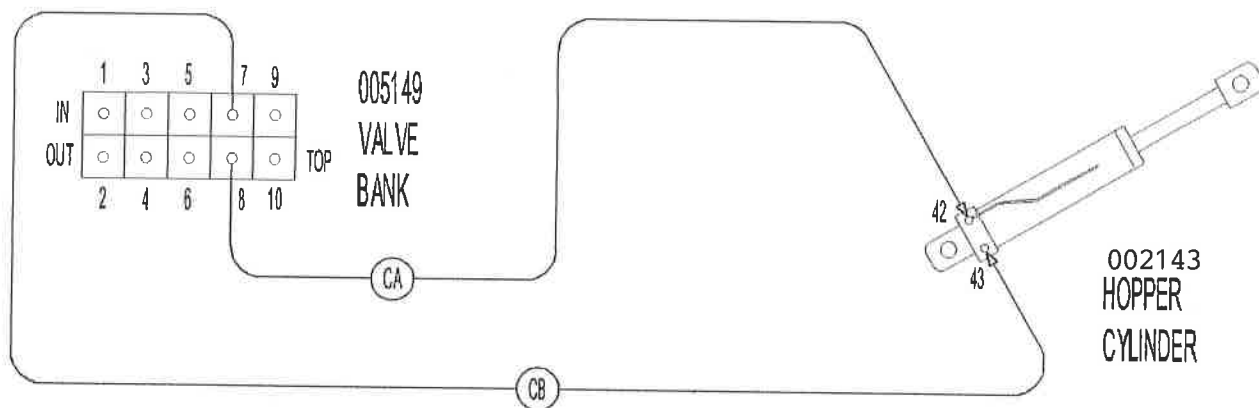
HYDRAULIC RETURN/COOLER CIRCUIT



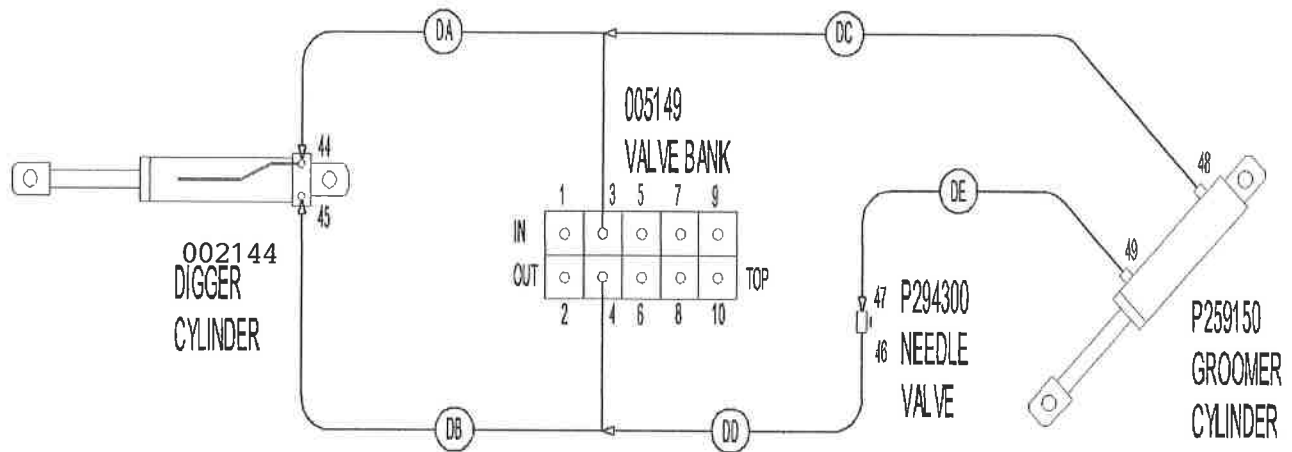
HOPPER LIFT CIRCUIT



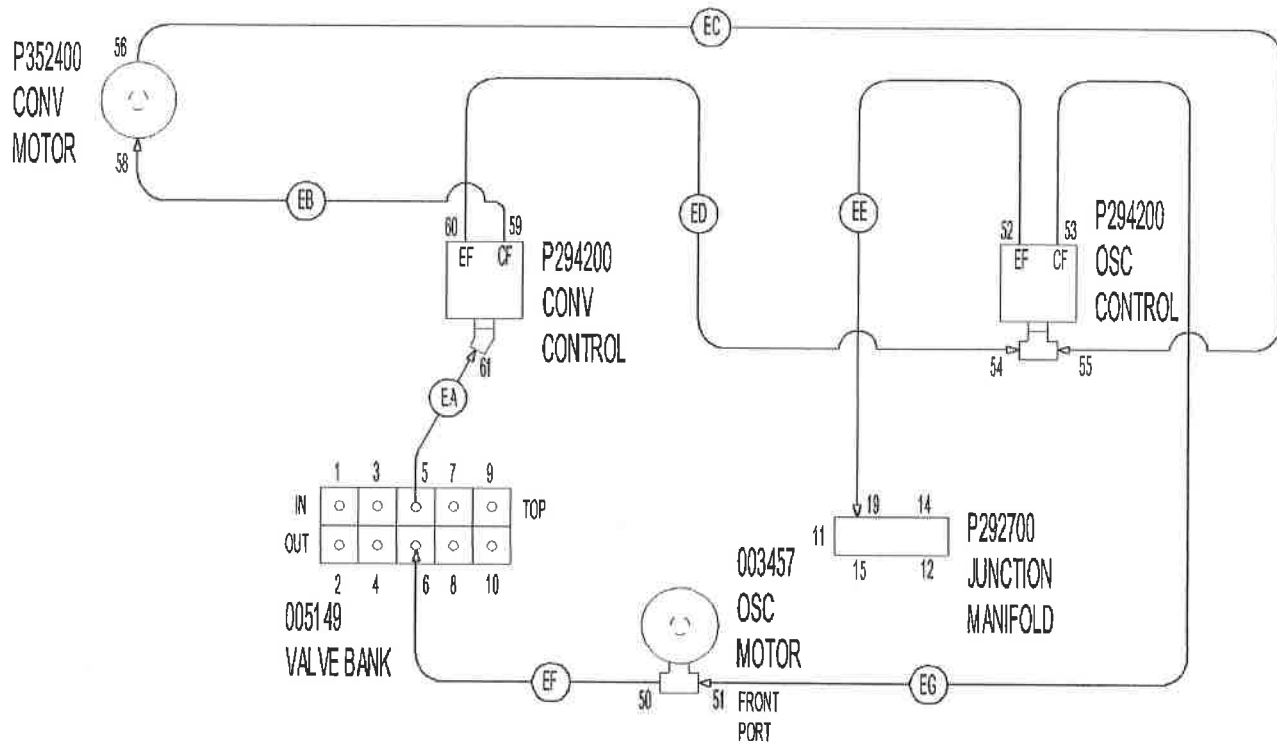
HOPPER ROLLOVER CIRCUIT



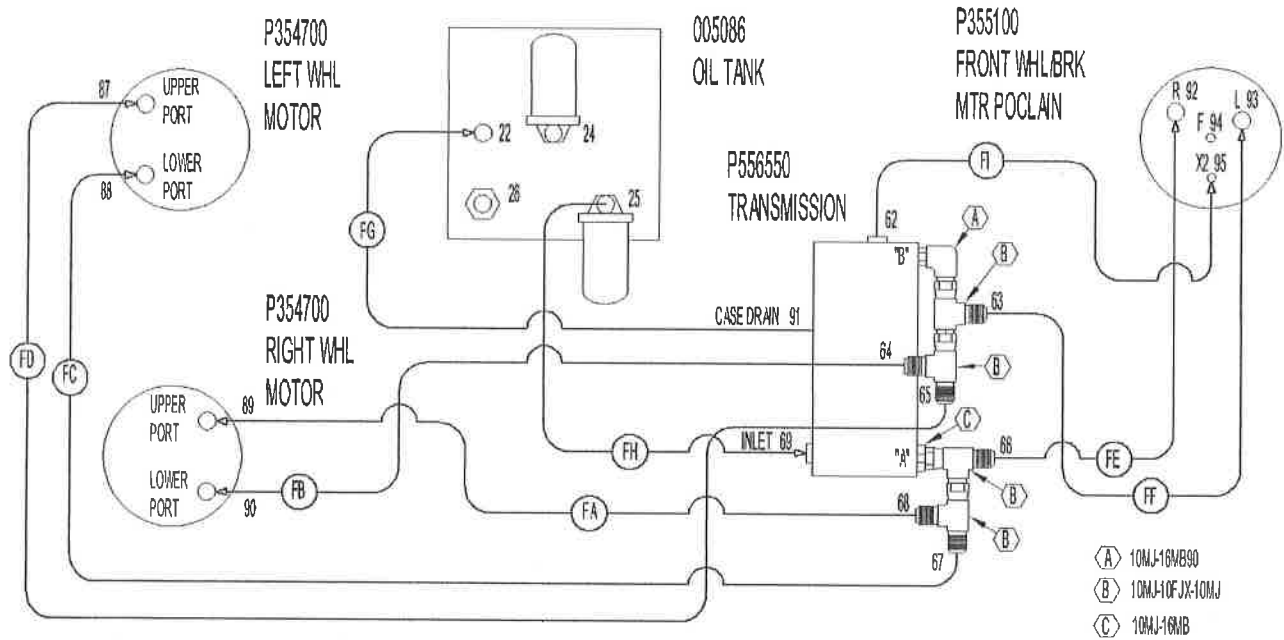
DIGGER/GROOMER CIRCUIT



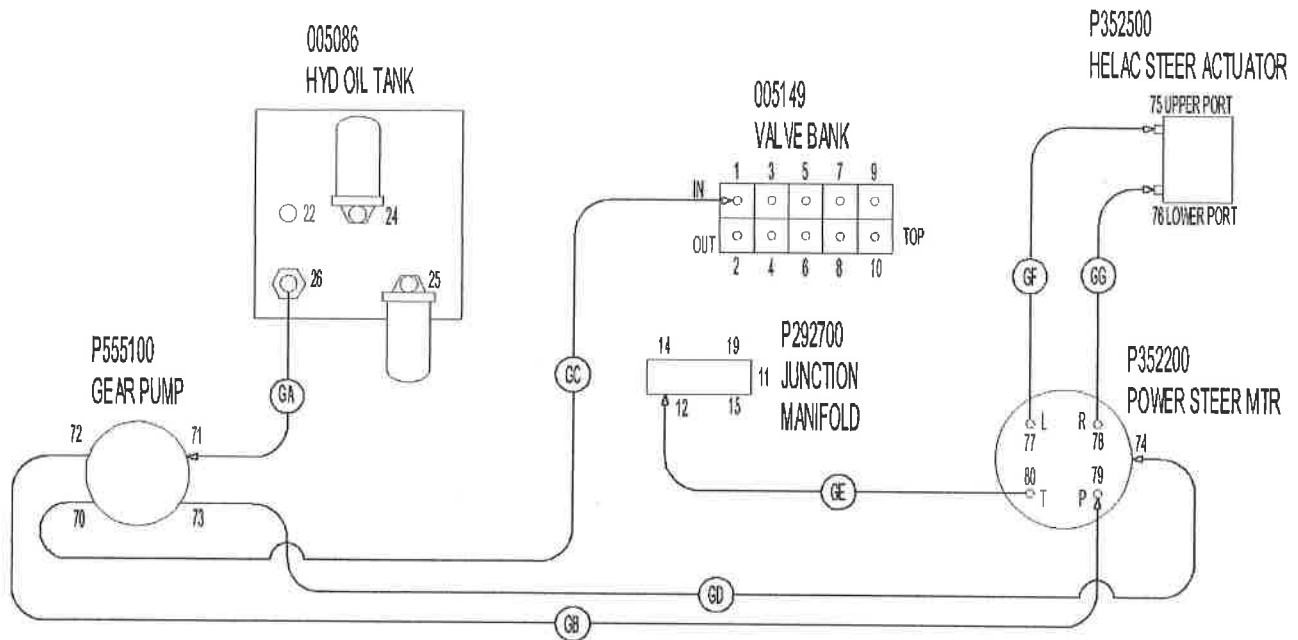
CONVEYOR/OSCILLATOR CIRCUIT



HYDROSTATIC DRIVE CIRCUIT



POWER STEERING CIRCUIT



WHEEL MOTOR CASE DRAIN CIRCUIT

