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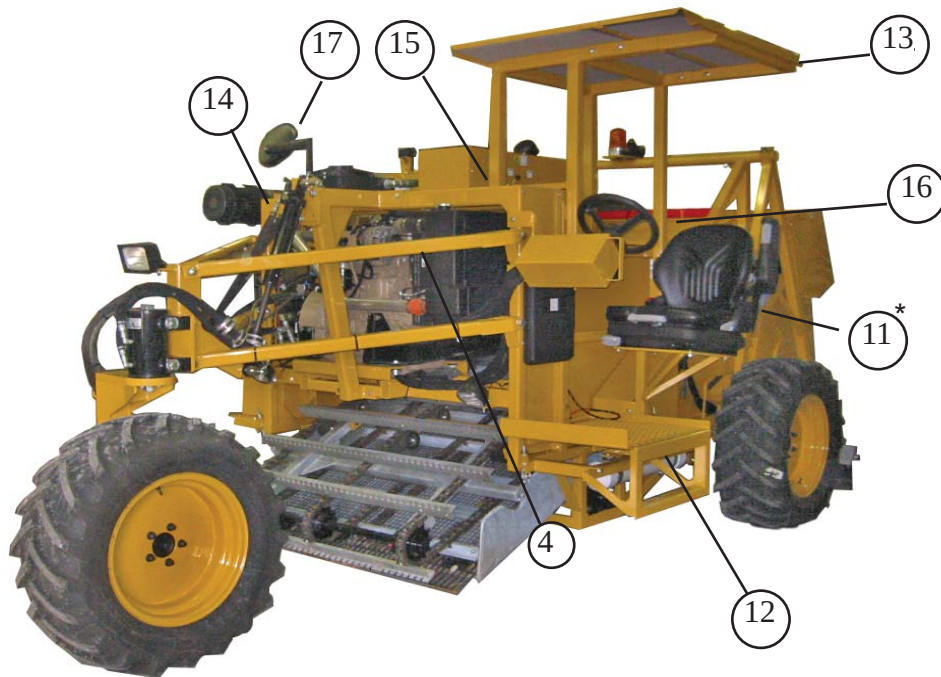
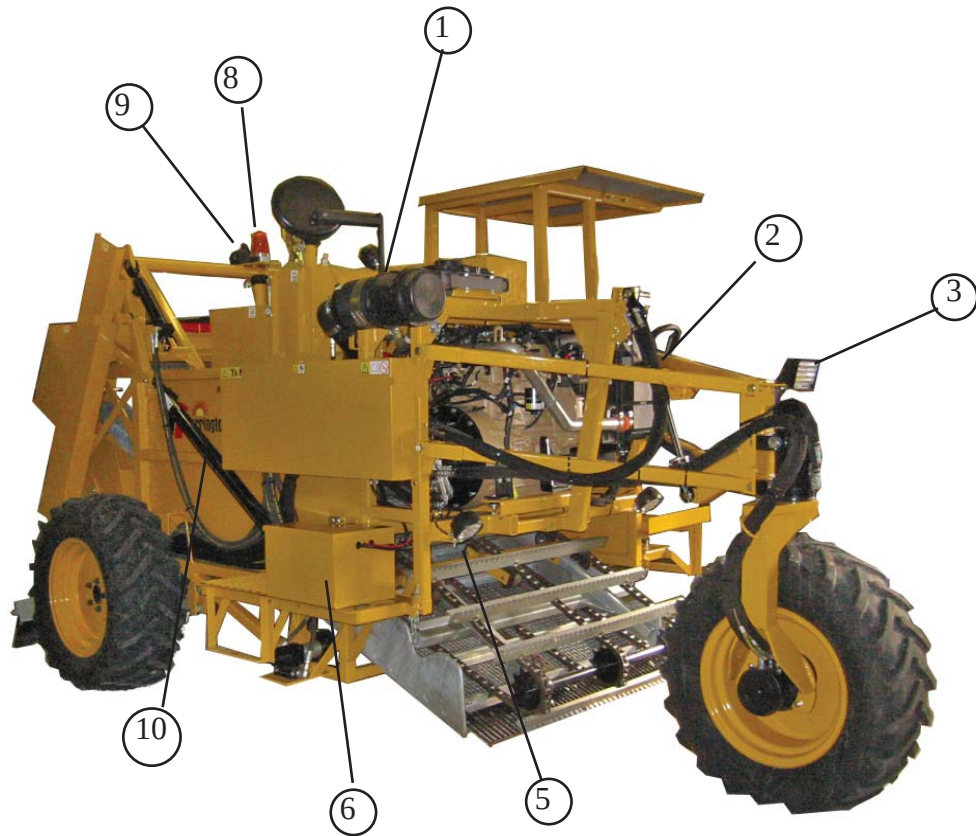
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OVERALL MACHINE LEGEND

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	P259305	CYLINDER, 2B X 10S w/CAV	1
	005248	PIN: CYL/JACK	2
	P294250	VALVE: PILOT CHECK CARTRIDGE	1
	P781000	STROKE CONTROL SET	1
	003076	STOP, DIGGER CYL, SAFETY	1
	P123005	LOCK PIN: 5/16"	1
	P259306	SEAL KIT: RKT2-0096	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	P259315	CYLINDER, 2B X 42S w/CAV	2
	P294250	VALVE: PILOT CHECK CARTRIDGE	2
	P259316	SEAL KIT: RKT2-0087	1
11 *	P600350	SEAT: UNI PRO 136 GRAMMER	1
	500021	SEAT POST WLD	1
	P999000	BOX: OWNERS MANUAL	1
12	005350	PLATFORM, FOOT	1
13	000774A	CANOPY	1
14	P298150	SWITCH: MASTER	1
	P296950	FACE PLATE: MASTER SWITCH	1
15	005036	SHIELD, RADIATOR COVER	1
16	004988	GUARD, CONV.	1
17	500037	MIRROR ASM	1
	500038	CLAMP, MIRROR OFFSET	1
	500039	CLAMP, MIRROR FLAT	1

* 71.P600352 SEAT SAFETY SWITCH (NOT SHOWN)

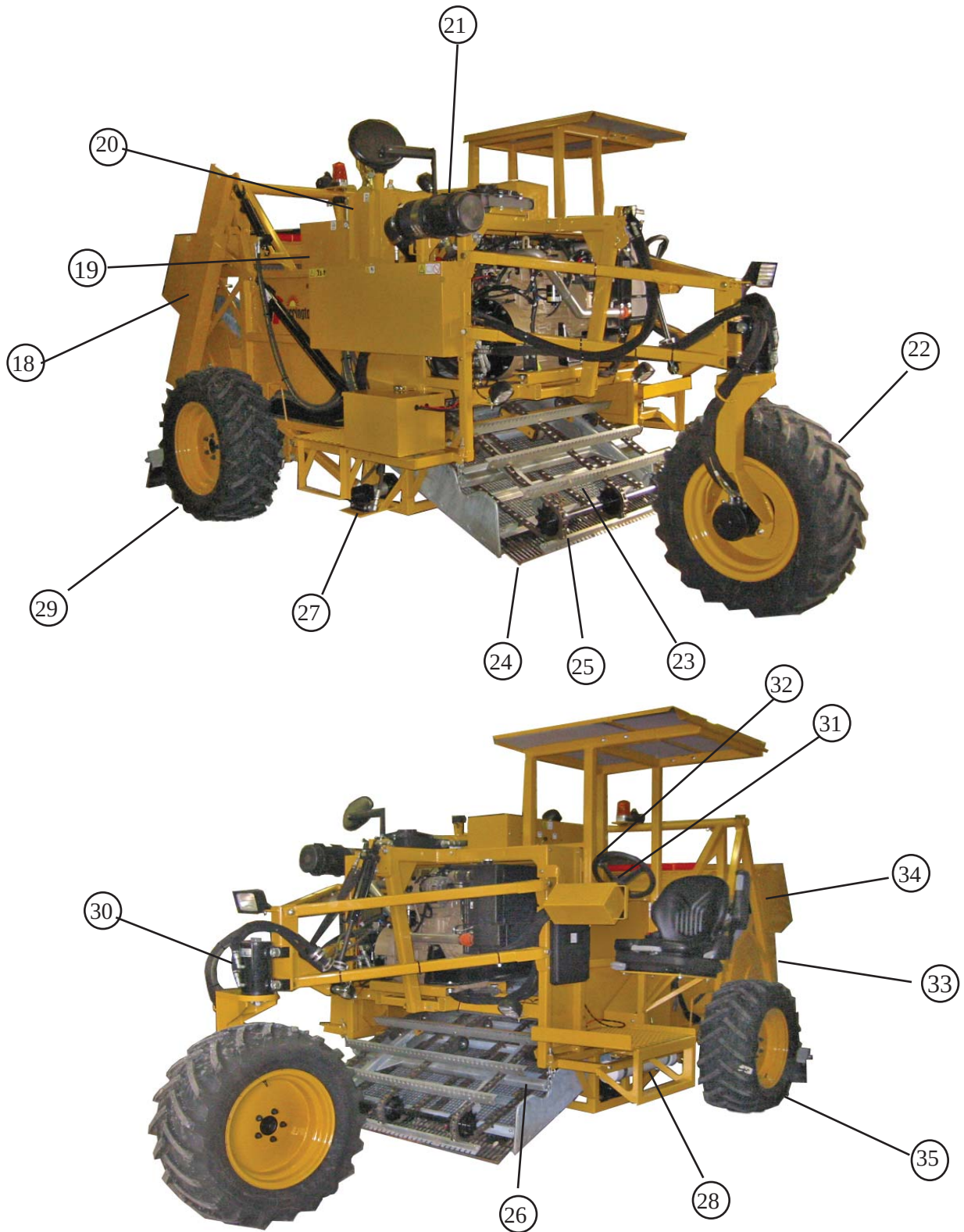
OVERALL MACHINE LEGEND



OVERALL MACHINE LEGEND

REF NO.	SEE PAGE	DESCRIPTION
18	24-25	HOPPER AND ROLLOVER COMPONENTS
19	10	FUEL SYSTEM
20	26	OIL TANK
21	9	AIR CLEANER
22	15	WHEEL ASSEMBLY (FRONT)
23	18	FLIGHT SYSTEM
24	16	SCREEN AND DIGGER POINT SYSTEM
25	20	FRONT CONVEYOR SHAFT
26	19	FRONT CONV. SUPPORT ASSY
27	17	OSCILLATOR MECHANISM
28	27	EMERGENCY TOWING
29	12	WHEEL ASSEMBLY (RIGHT)
30	22	POWER STEERING COMPONENTS
31	11	TRANSMISSION LINKAGE
32	23	CONTROLS AND GAUGES
33	24-25	HOPPER SYSTEM
34	21	CONVEYOR DRIVE MECHANISM
35	13-14	WHEEL ASSEMBLY (LEFT)

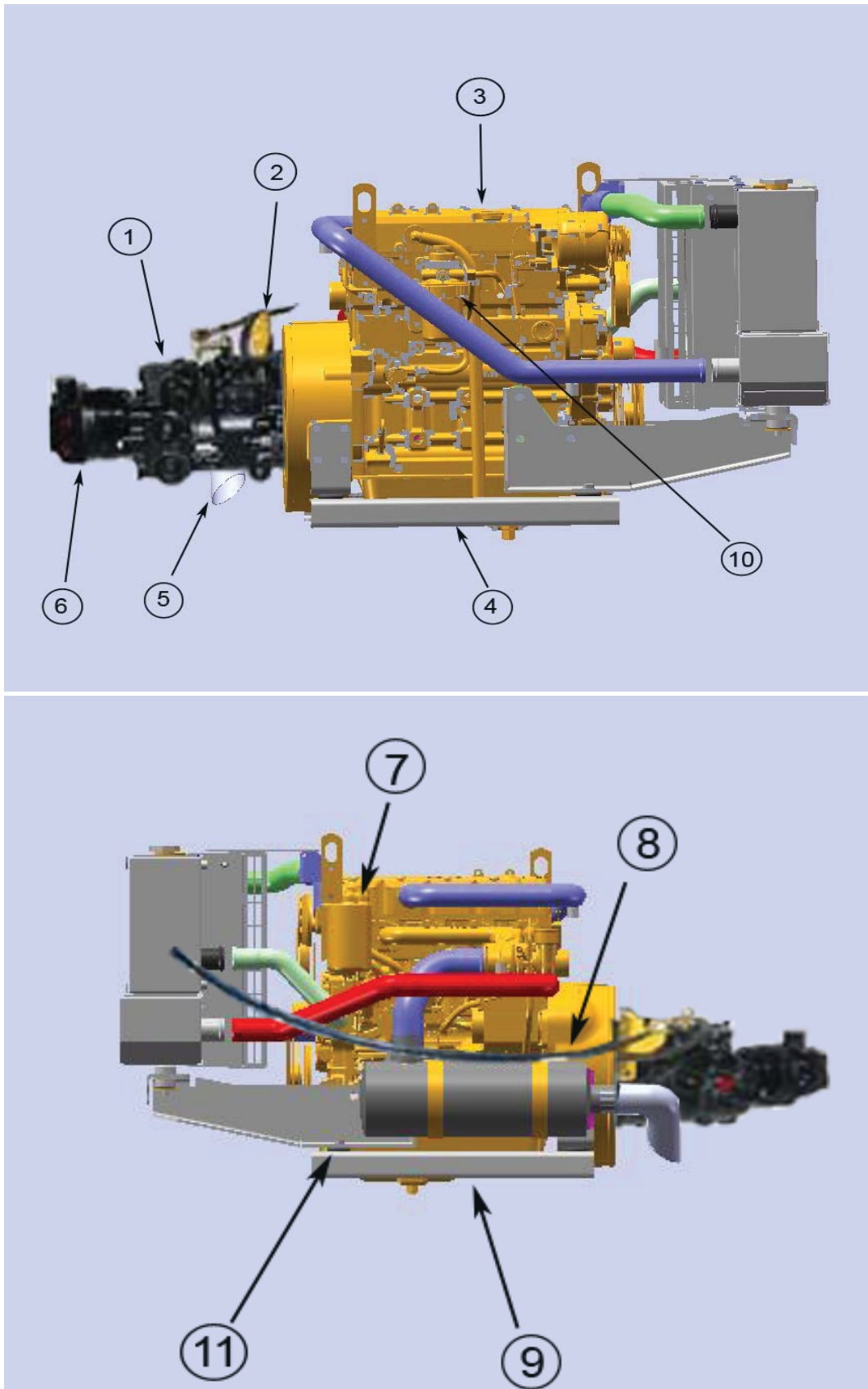
OVERALL MACHINE LEGEND



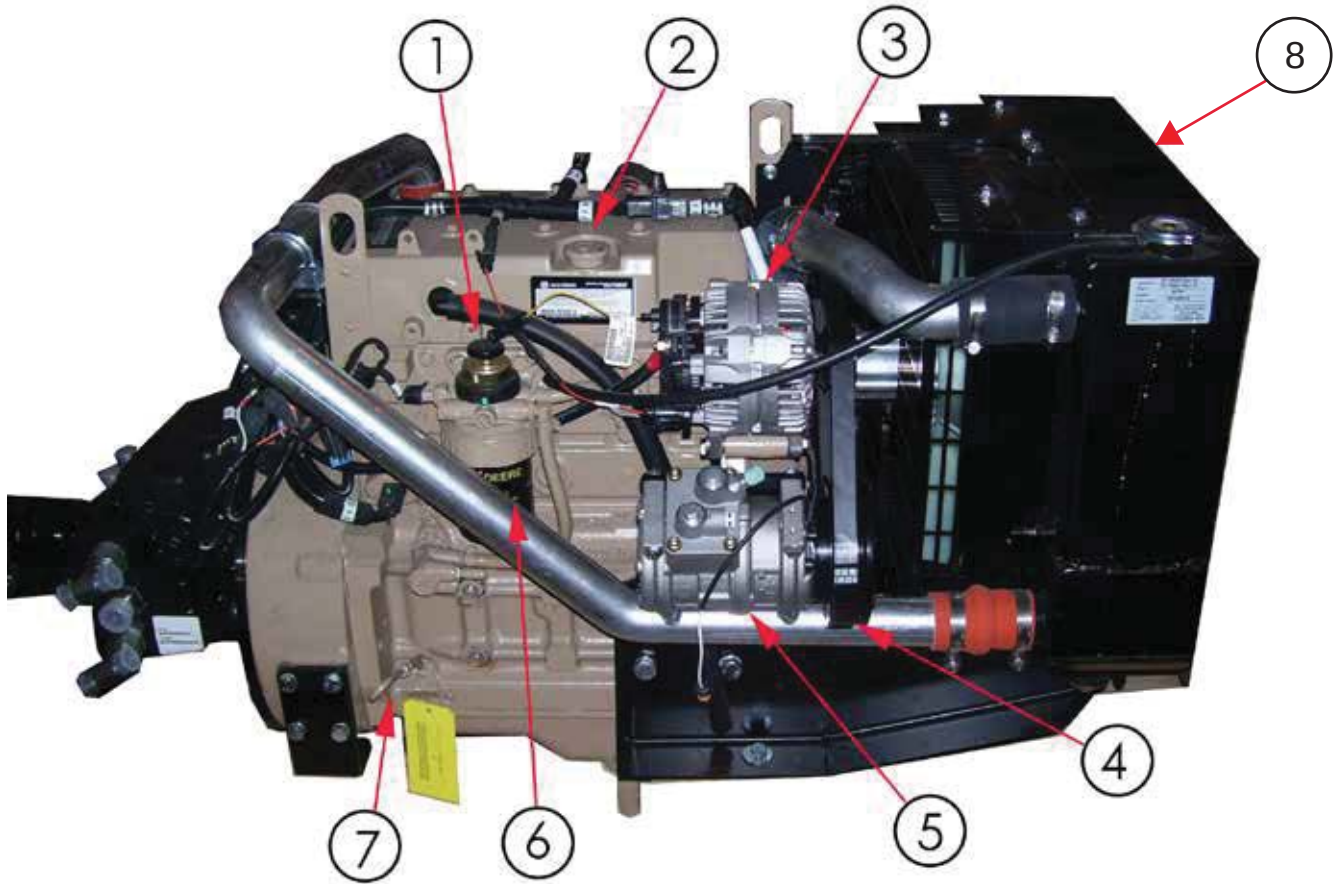
ENGINE/PUMP/RADIATOR (PE4024)

<u>REF NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	SEE PAGE 8	TRANSMISSION	1
2	005262	BRKT, TRANS CONTROL CABLE	1
3	P370450	ENGINE, PE4024HF295	1
4	500045	BRKT, ENG MT RIGHT	1
5	004965	TAILSPOUT	1
6	SEE PAGE 8	GEAR PUMP	1
7	P371570	FILTER, ENGINE OIL PE4024	1
8	P115852	CABLE ASM, PUSH -PULL 52" X 2"	1
9	500046	BRKT, ENG MT LEFT	1
10	P371622	FILTER: ENG FUEL PE4024	1
11	P133072	MT, ISOLATOR CB -1121-2	4

ENGINE/PUMP/RADIATOR (PE4024)



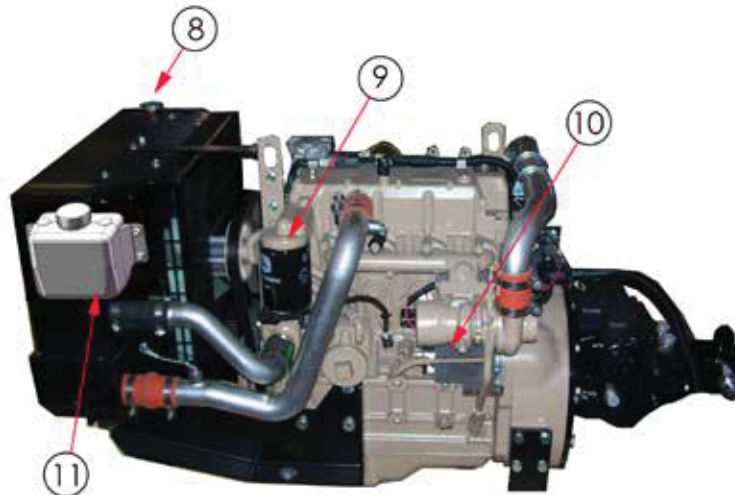
ENGINE SERVICE



FRONT ENGINE VIEW

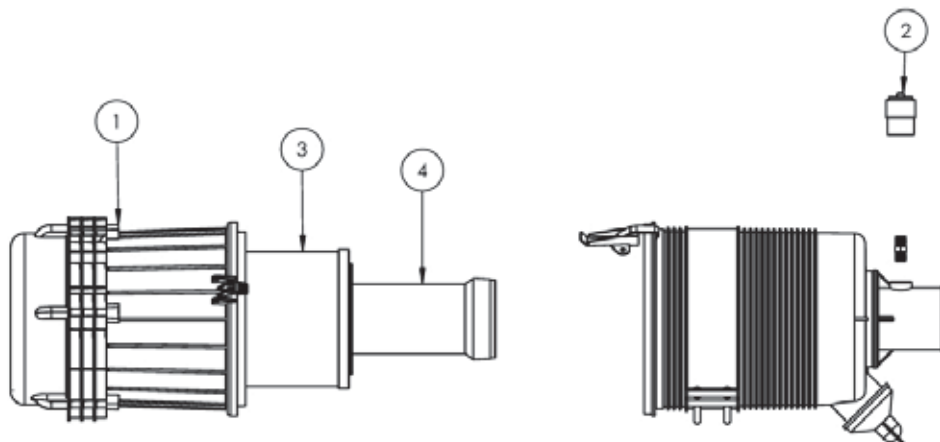
<u>ITEM</u>	<u>QTY</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P370466	FUEL PRIMING PUMP
2		N/A	ENGINE OIL FILL CAP
3	1	P370452	ALTERNATOR
4	1	P066202	SERPENTINE BELT WITH A/C
*	1	P063020	* SERPENTINE BELT WITHOUT A/C*
5	1	P117120	AIR COND COMPRESSOR
6	1	P371622	FUEL FILTER
7	1	P370461	ENGINE OIL DIPSTICK
8	1	P370445	RADIATOR / INTERCOOLER

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

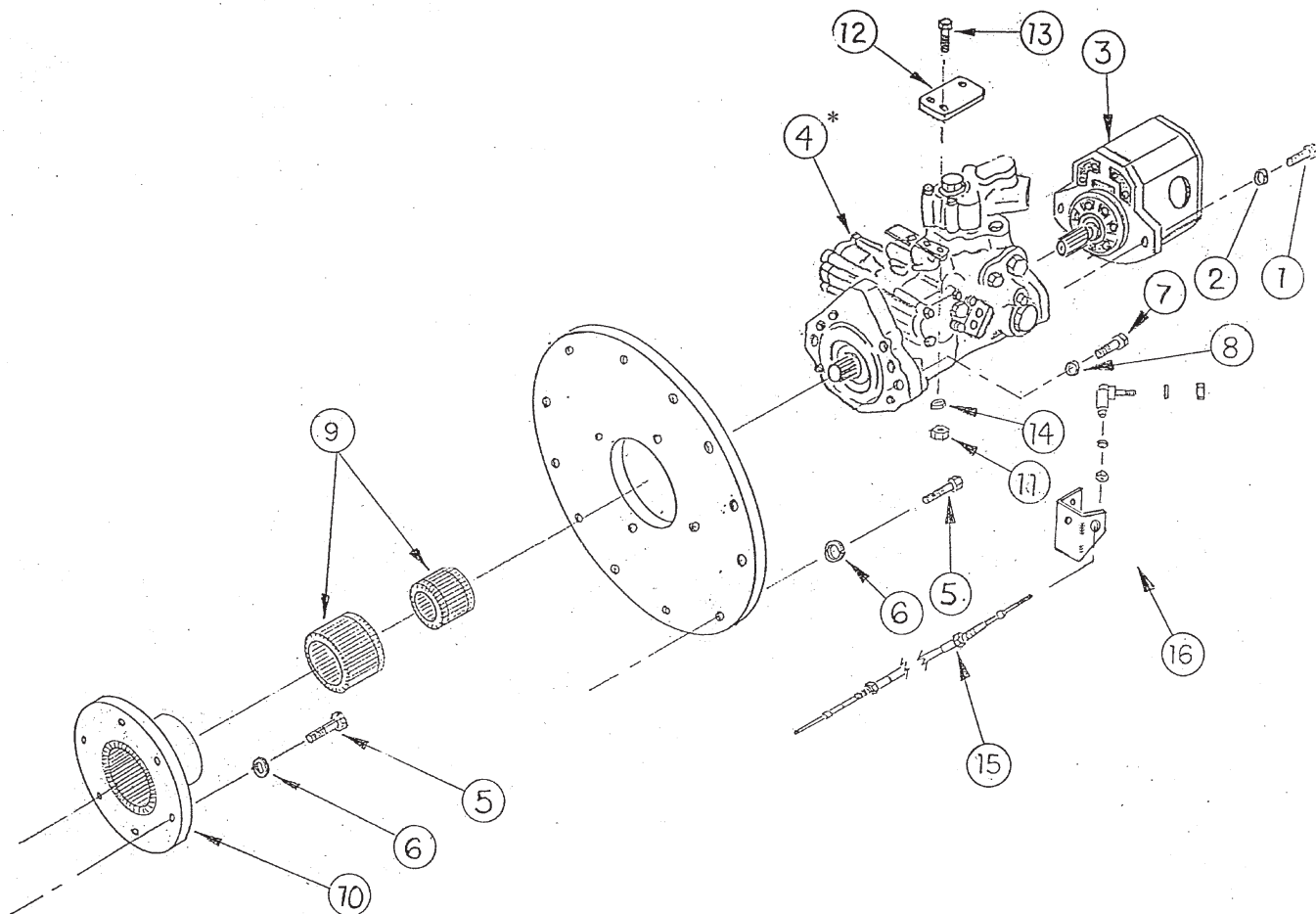


<u>ITEM</u>	<u>QTY.</u>	<u>PART #</u>	<u>DESCRIPTION</u>
1	1	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST
2	1	P297160	GAUGE: IND A/C DON #RAX002351
3	1	P371366	FILTER: AIR ELE PRIME 3-E1 ENG
4	1	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG

TRANSMISSION/DRIVE COUPLING ASSEMBLY

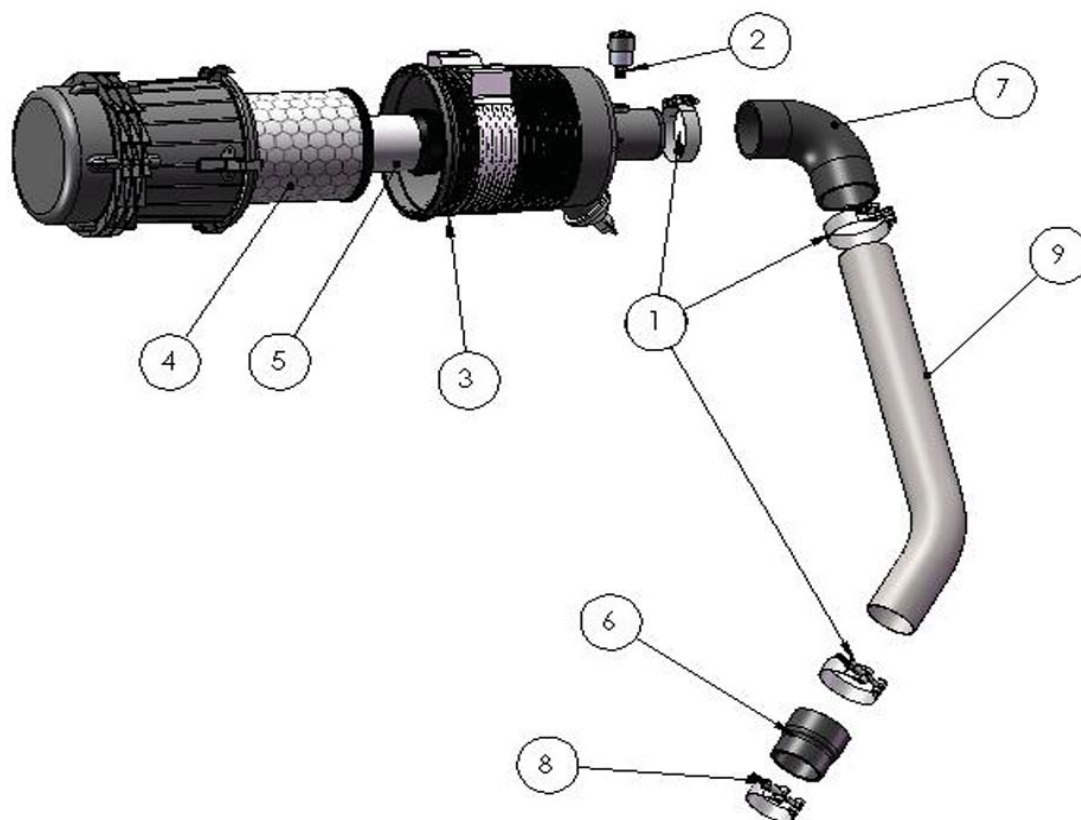
REF NO.	PART NO.	DESCRIPTION	QTY
1	P100605	BOLT: 3/8-16 NC X 1-1/4"	2
2	P851106	WASHER: LOCK 3/8"	2
3	P555120	PUMP: LS GEAR 26307-RAD	1
4 *	P556550	PUMP: TRANS M46 W/NS	1
5	P103851	METRIC BOLT: M10-1.5 X 30	18
6	P851100	WASHER: LOCK M10	18
7	P100807	BOLT: 1/2 NC X 1 3/4"	2
8	P850108	WASHER: LOCK 1/2"	2
9		DRIVE CPLG ASSY.	1
10		DRIVE CPLG HUB.	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

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



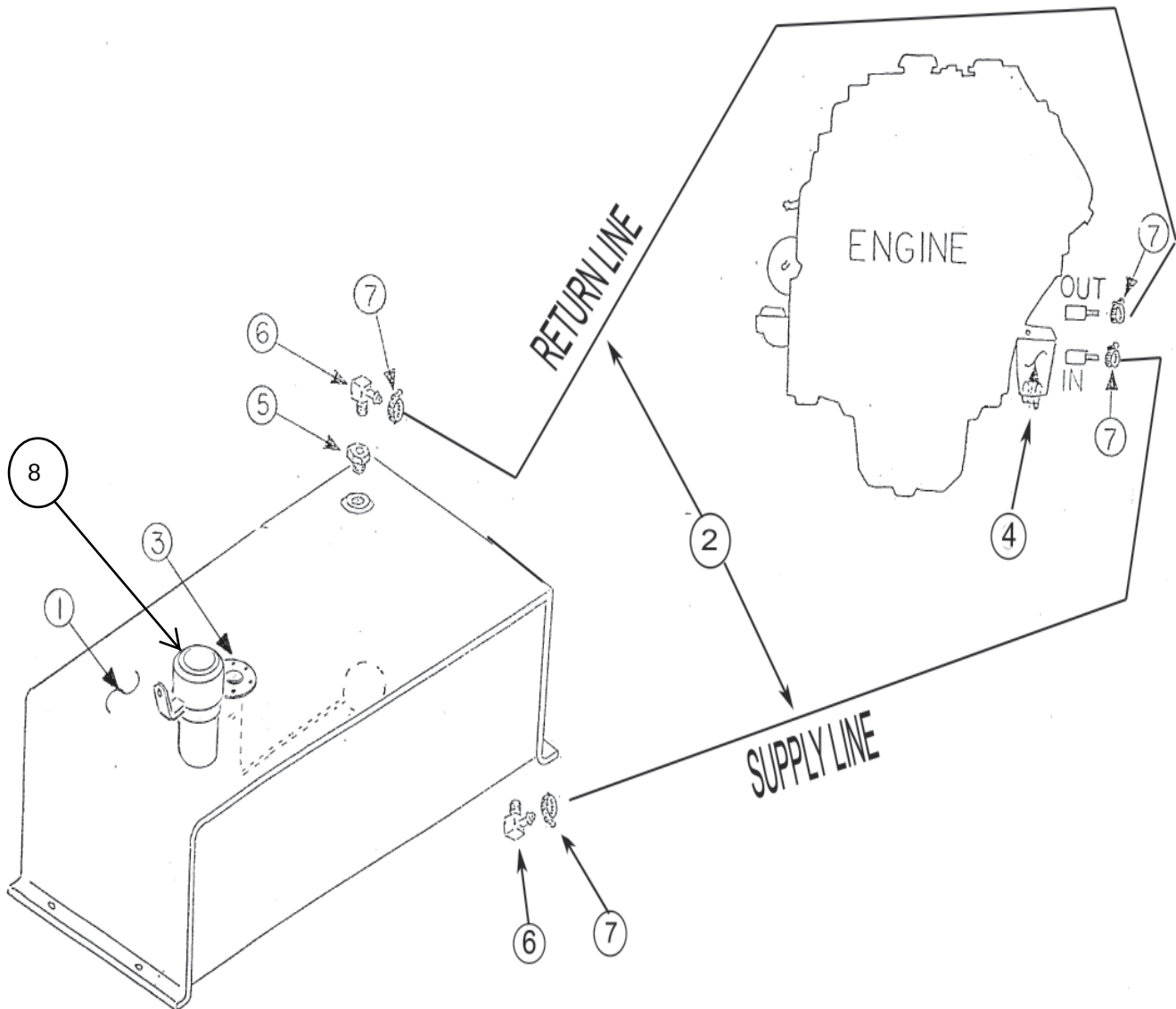
AIR CLEANER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	P128860	CLAMP: HOSE, 2-1/2" ID T-BOLT	3
2	P297160	GAUGE: IND A/C DON #RAX002351	1
3	P001650	AIR CLNR: ENG 2.5#7VLR-E2-ST	1
4	P371366	FILTER: AIR ELE PRIME 3-E1 ENG	1
5	P371376	FILTER: AIR ELE SAFETY 3-E2 ENG	1
6	P269205	HOSE: A/C REDUCER 2.5" X 2.25"	1
7	P269006	HOSE: A/C ELBOW 2.5" ID	1
8	P128855	CLAMP: HOSE, 2-1/4" ID T-BOLT	1
9	500053	TUBE, A/C INTAKE PE4024	1



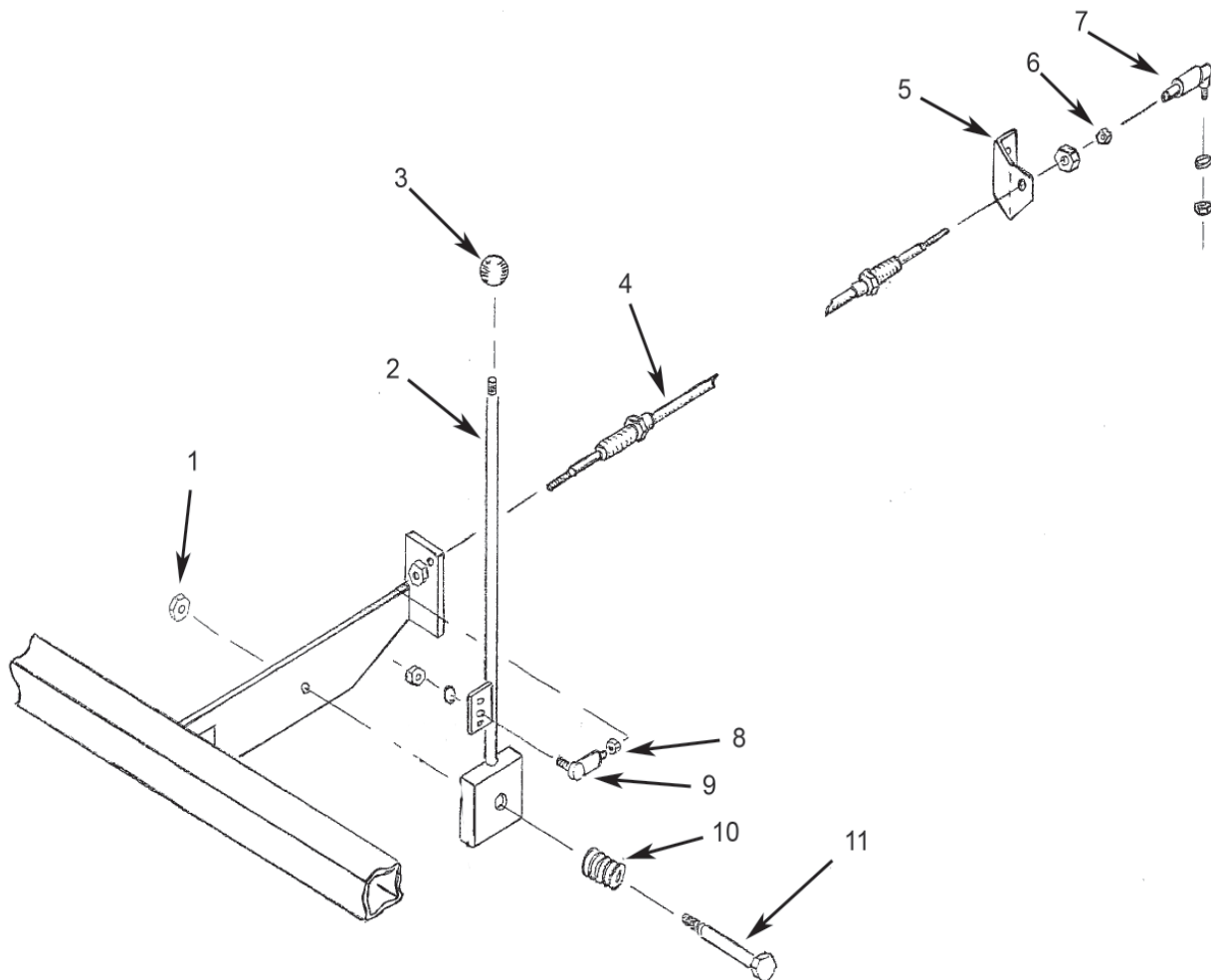
FUEL SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY
1	005082	TANK , FUEL, ASSY (18 GAL)	1
2	R99000703	HOSE: FUEL LINE, 5/16" ID (SPECIFY LENGTH DESIRED)	2
3 *	002096	SENDER ASM, FUEL LEVEL UPDATED P/N: 71.500533	1
4	P371622	FILTER: FUEL/WATER JD HF4024	1
5	P267320	FITTING: 6MP 4FP REDUCER	1
6	P267140	FITTING: 4MP 5FP BRASS	2
7	P128702	ADAPTER CLAMP, HOSE SIZE 02	4
8	71.P610000	FUEL CAP	
*NOT SHOWN	71.P371650	FILTER: FUEL INLINE	



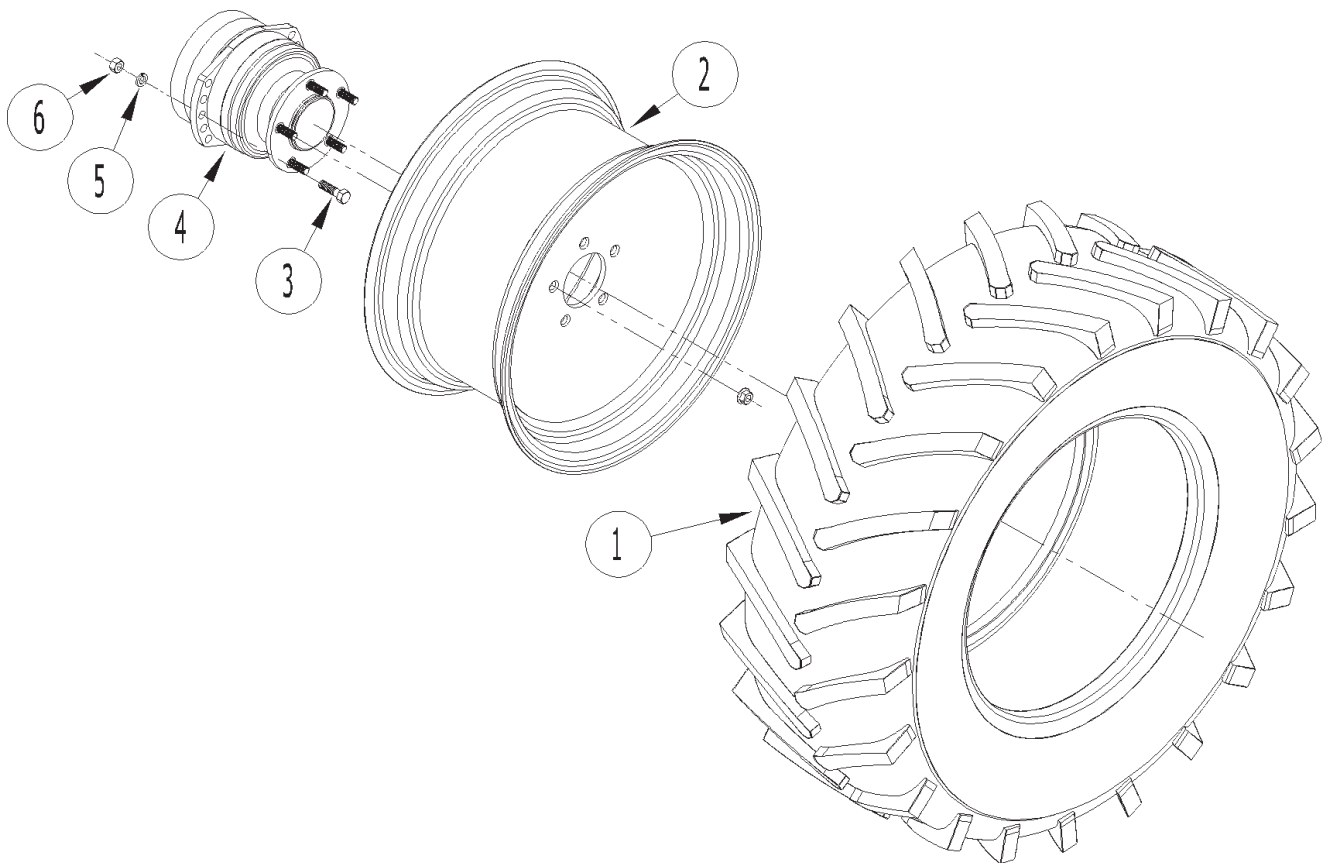
TRANSMISSION LINKAGE

REF NO.	PART NO.	DESCRIPTION	QTY
1	P157500	NUT: 5/8-11 TOP-LOCK	1
2	005263	LEVER, TRANSMISSION	1
3	P308100	KNOB, 1/2 X 13	1
4	P115852	CABLE, PUSH-PULL 52"	1
5	005262	BRKT, M46 CABLE	1
6	P158021	NUT, 10-32	1
7	P126330	BALL JOINT, 10-32F X 5/16M	1
8	P158021	NUT, 10-32	1
9	P126330	BALL JOINT, 10-32F X 5/16M	1
10	002145	SPRING, CONTROL LEVER	1



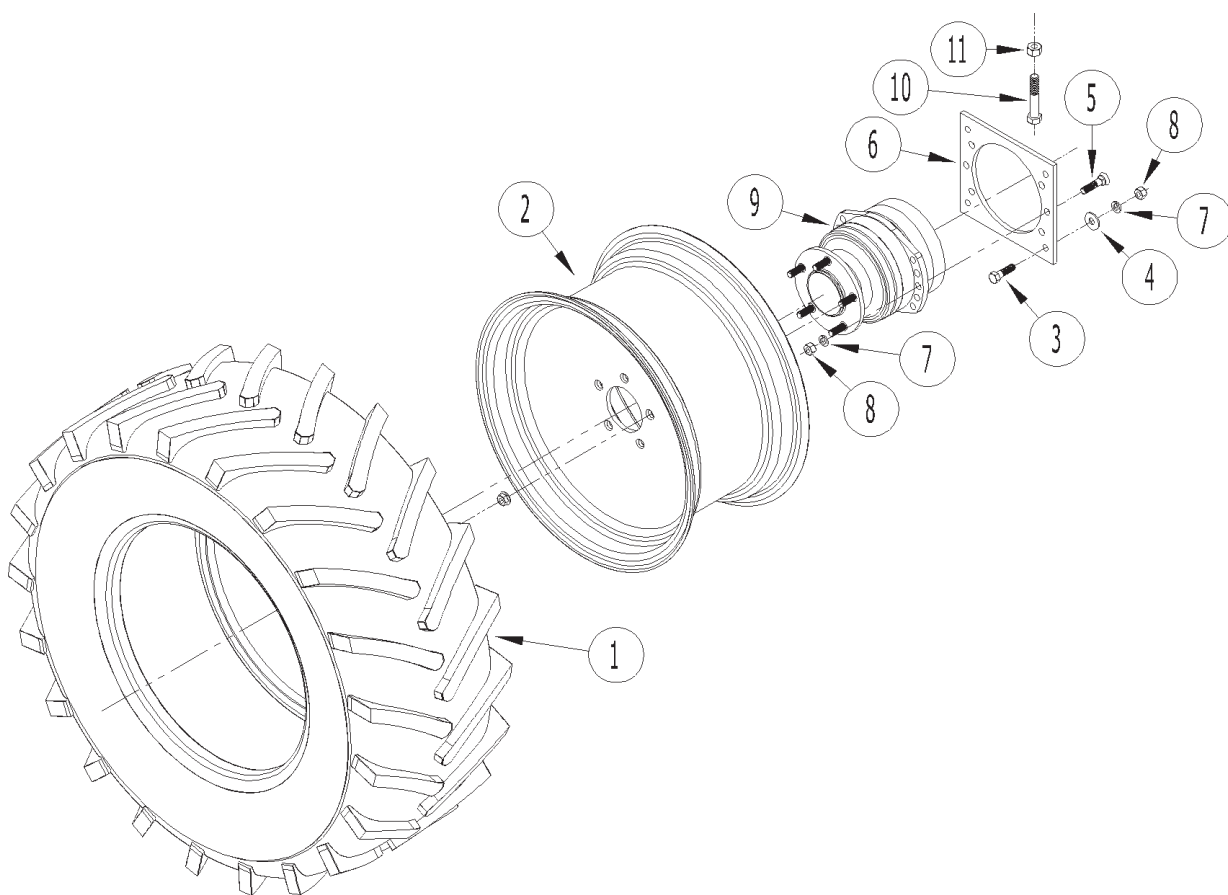
RIGHT WHEEL ASSY

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



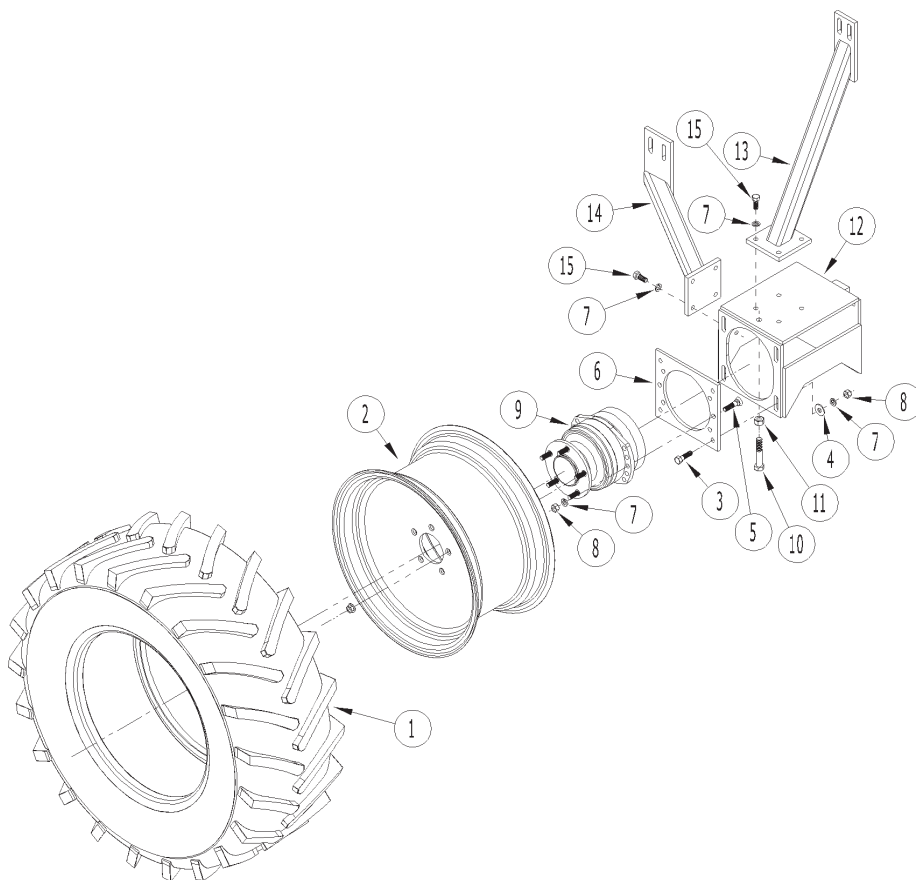
LEFT WHEEL ASSY

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



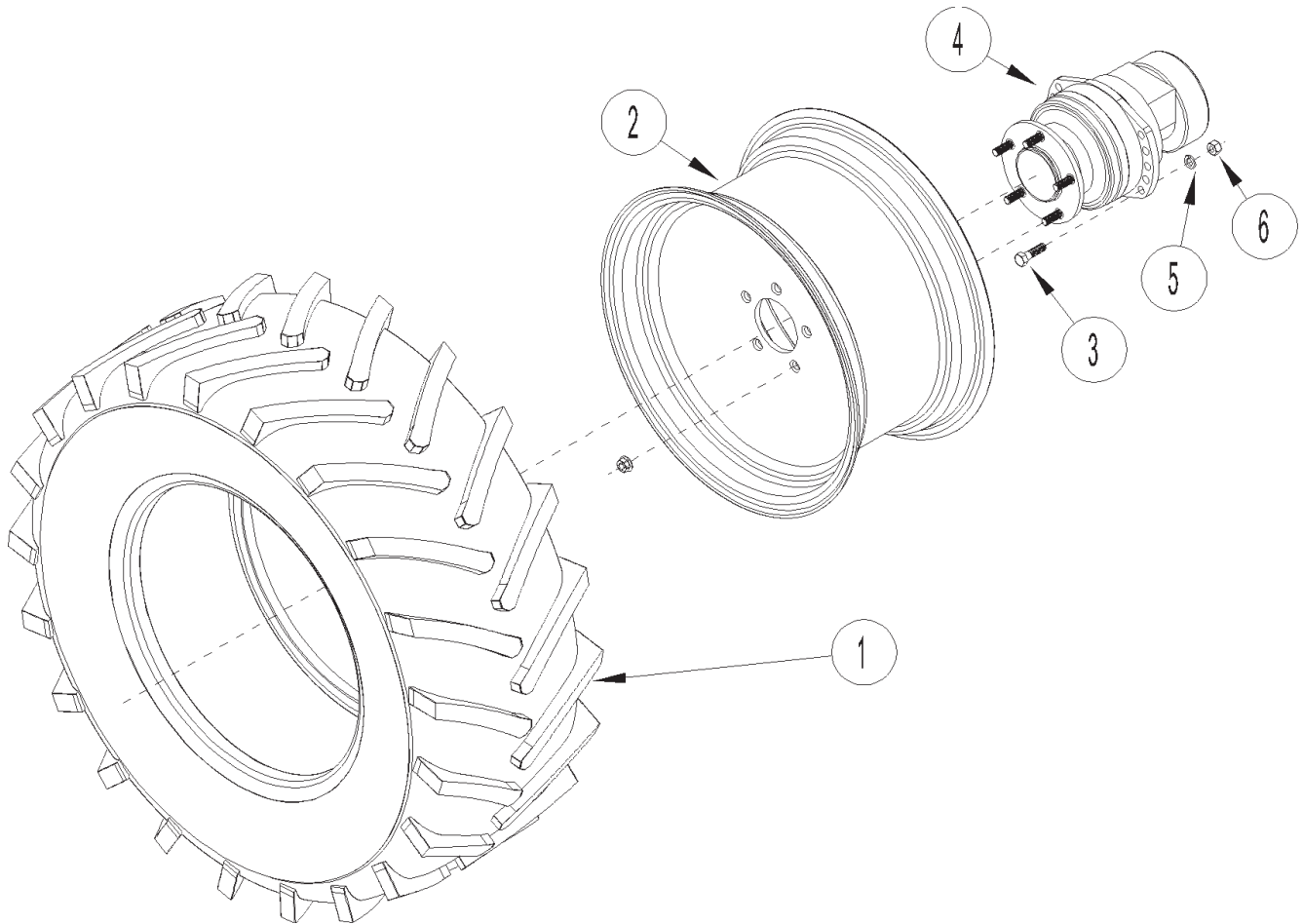
LEFT WHEEL ASSEMBLY (CAB)

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"	18
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
12	005310	EXTENDER: MSE03 CAB	1
13	005311	BRACE: MSE03 EXTENDER VERT.	1
14	005312	BRACE: MSE03 EXTENDER HORZ.	1
15	P100805	HEX BOLT: 1/2" X 1-1/4"	8



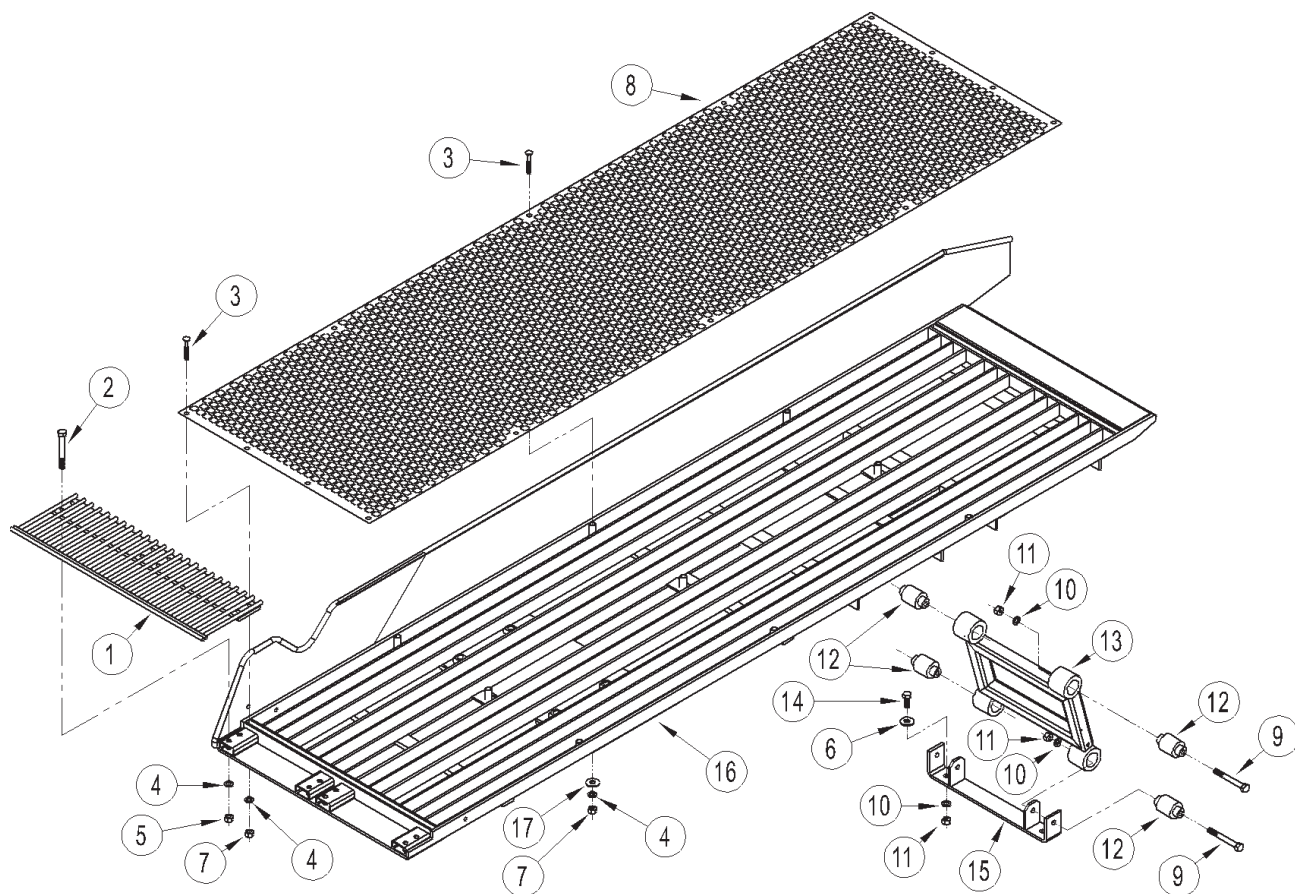
FRONT WHEEL ASSEMBLY

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

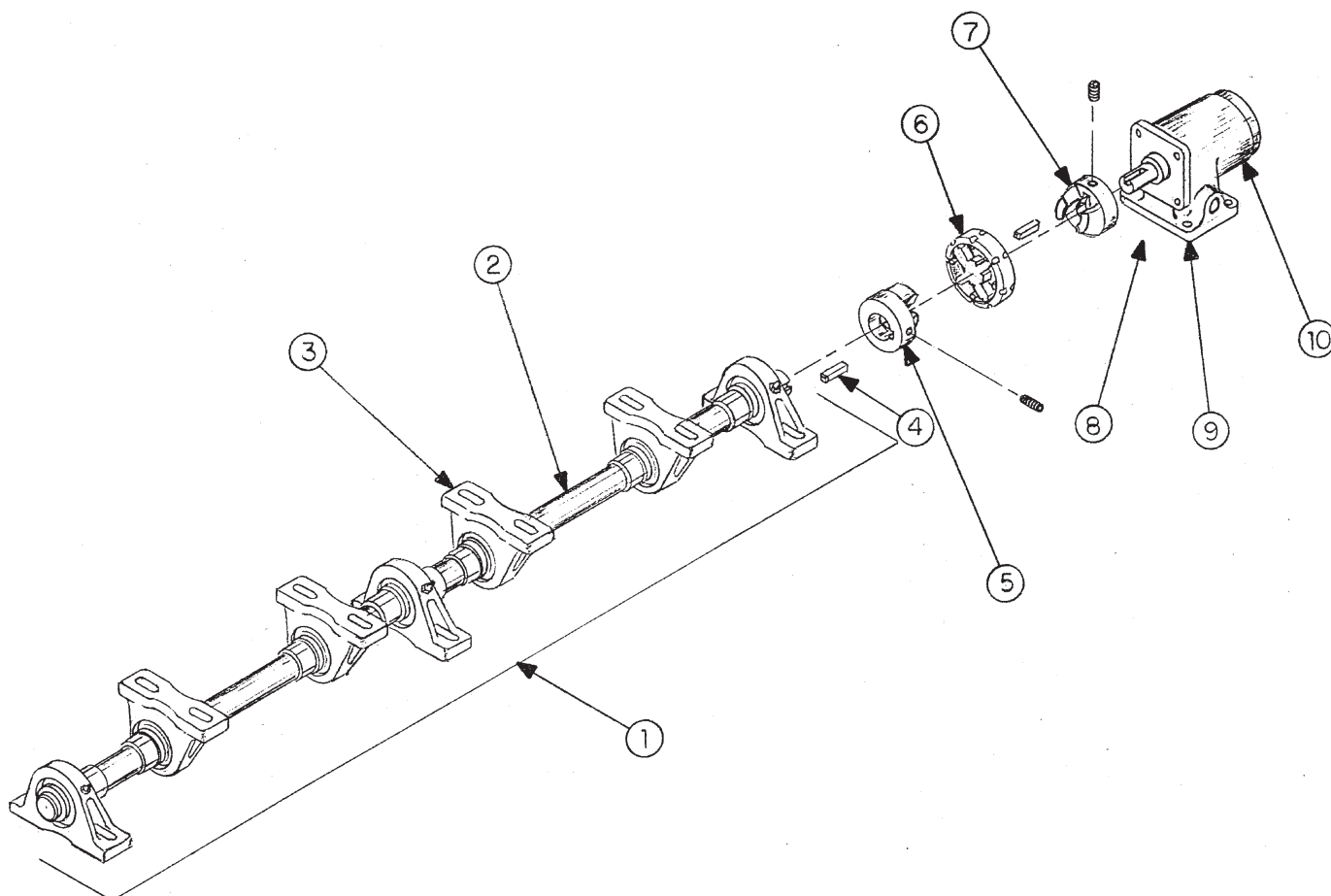
REF NO.	PART NO.	DESCRIPTION	QTY
1*	000304W	DIGGER POINT WELD, STANDARD	2
2	P100609	BOLT: 3/8-16 NC X 2-1/4"	16
3	P114610	PLOW BOLT: 3/8-16 X 2-1/2"	28
4	P851106	WASHER: LOCK 3/8"	44
5	P155450	NUT: 3/8" TOP-LOCK	16
6	P850108	WASHER: FLAT ZINC 1/2"	4
7	P150601	HEX NUT: 3/8" GR.8 PLATED	28
8A	005232	SCREEN 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	P850806	WASHER: FLAT SAE GR8 3/8"	20



*OPTIONAL SOLID DIGGER POINT P/N 71.000330W QTY 2 REQD

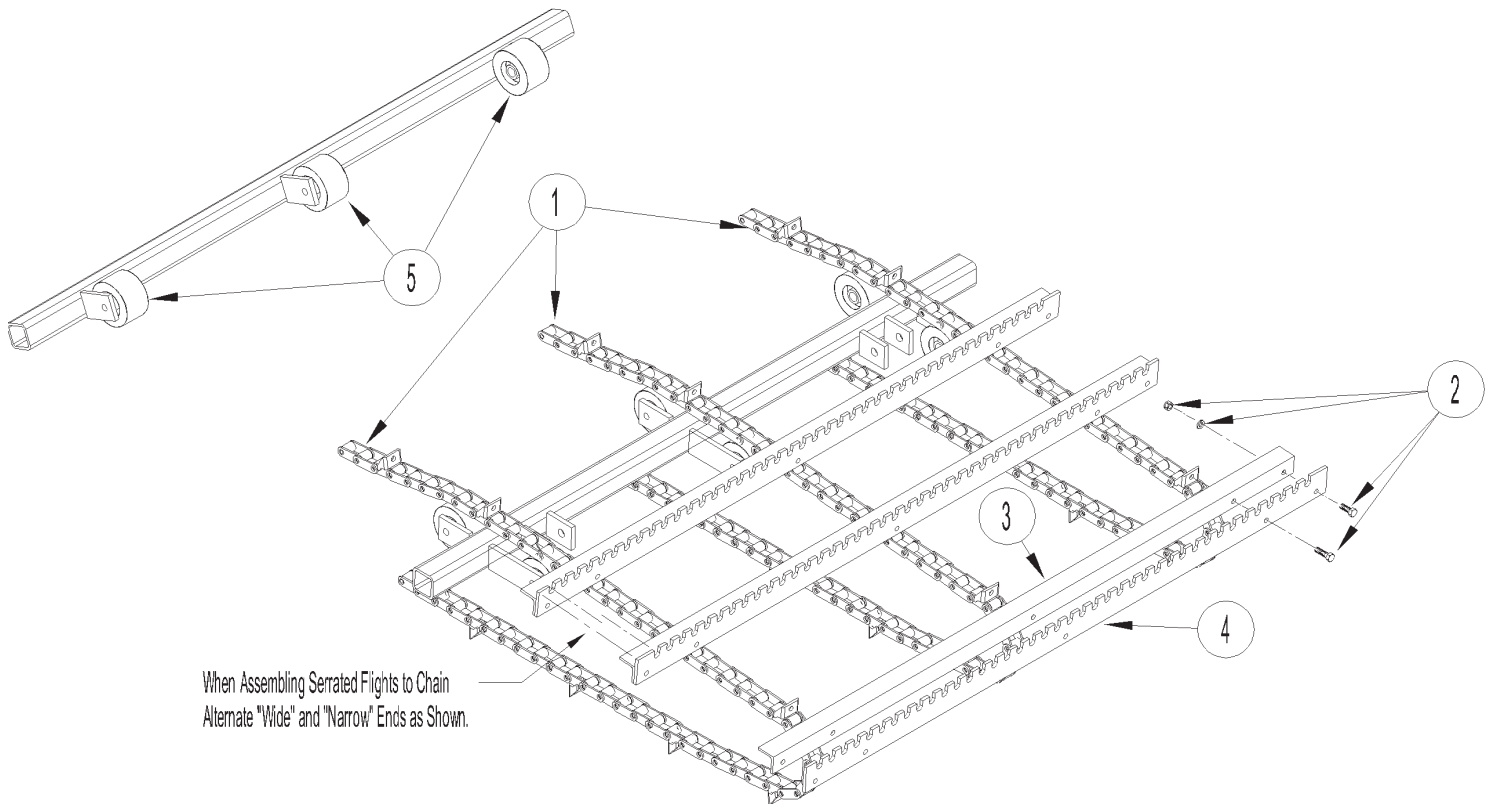
OSCILLATOR MECHANISM

REF NO.	PART NO.	DESCRIPTION	QTY
1	500100	SHAFT ASSEMBLY, OSCILLATOR (INCLUDES 2&3)	1
2	500099	SHAFT ASSY, OSC SUB	1
3	000691M	BEARING, OSC, 2"	7
4	000067M	KEY, OSCILLATOR COUPLING	1
	P272900	COUPLING ASSEMBLY (INCLUDES 5, 6, & 7)	
5	P272960	COUPLING HALF: 1-1/2" BORE FLEX	1
6	P272990	CPLG INSERT: 90 DURO SPIDER	1
7	P272930	COUPLING HALF: 1" BORE FLEX	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	1
		INCLUDES: P307300 KEY: WOODRUFF 1/4 X 1 NO.15	1
		P350900: SEAL KIT FOR MTR: C/L #101-1017	



#620 CONVEYOR CHAIN FLIGHT SYSTEM

<u>REF. NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	P632800	CHAIN: #620 CONV 26 CLT **SEE NOTE BELOW	3
<u>Repair Parts for Ref. No. 1</u>			
	P630403	CHAIN LINK: #620 OFFSET	
	P630400	CHAIN LINK: #620 CONNECTOR	
	P630401	CHAIN LINK: #620 ATTACHMENT	
2	005351	KIT: FLIGHT MOUNTING	1
<u>Kit Parts:</u>			
	P100604	BOLT: 3/8"-16 NC X 1"	52
	P100605	BOLT: 3/8"-16NC X 1-1/4"	78
	P851106	WASHER: LOCK 3/8"	130
	P155450	NUT: TOP-LOCK 3/8"	130
3	000053M	FLIGHT MOUNTING ANGLE	26
4	000052M	FLIGHT BLADE: 52" X 2-1/4"	26
5	P761100	SNUGULATOR: 2500BD1X	9

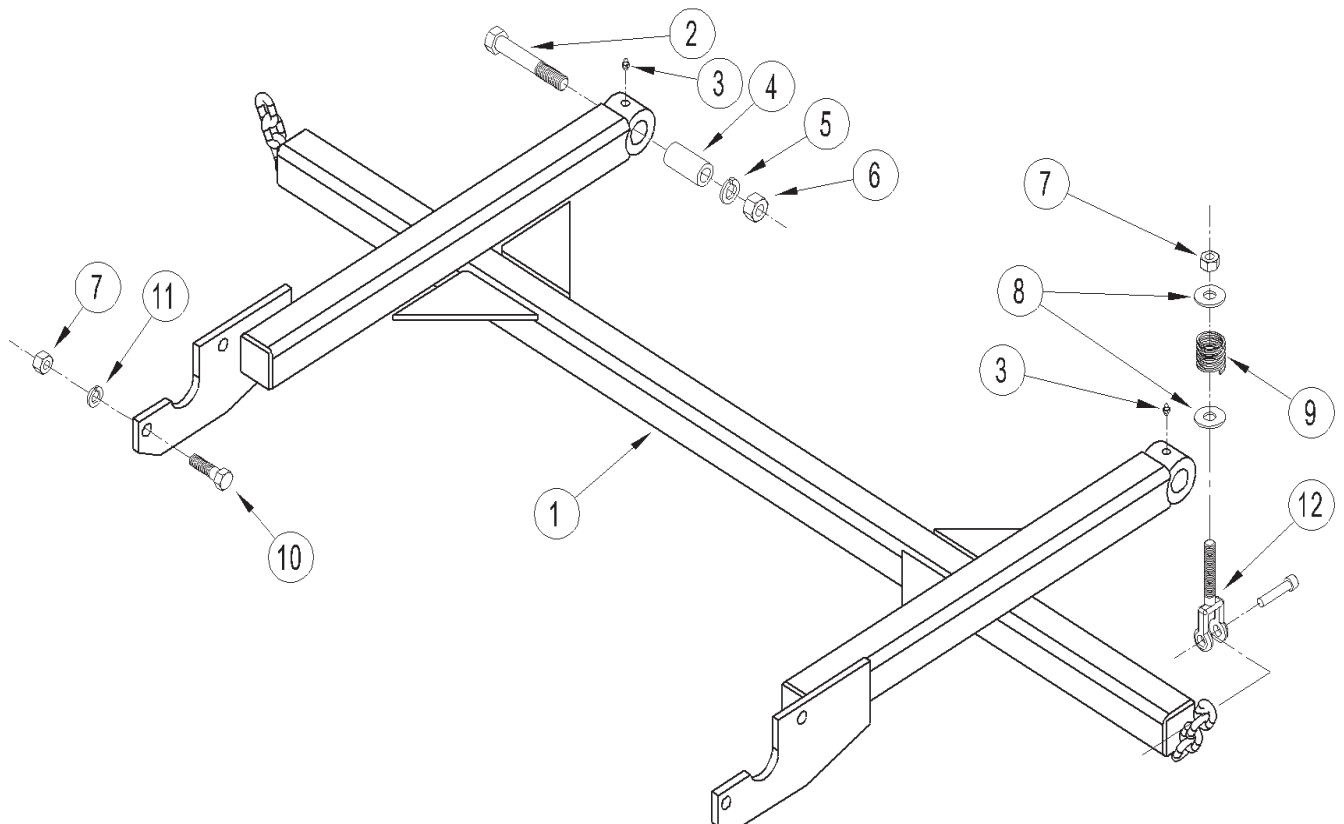


**** REPLACE CHAIN WITH UPDATED P/N 71.P632820**

***NOTE CONVEYOR CHAINS / FLIGHTS / SHAFTS MAY HAVE BEEN CONVERTED TO #100 STYLE
 CONVERTED UNITS WILL HAVE QTY 2 CONVEYOR CHAINS
 SEE ADDITONAL SECTION FOR REPLACEMENT #100 CONVEYOR ITEMS**

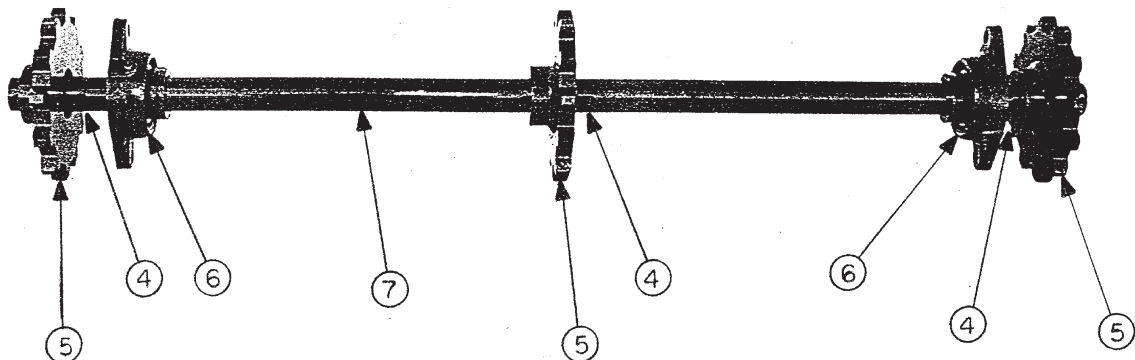
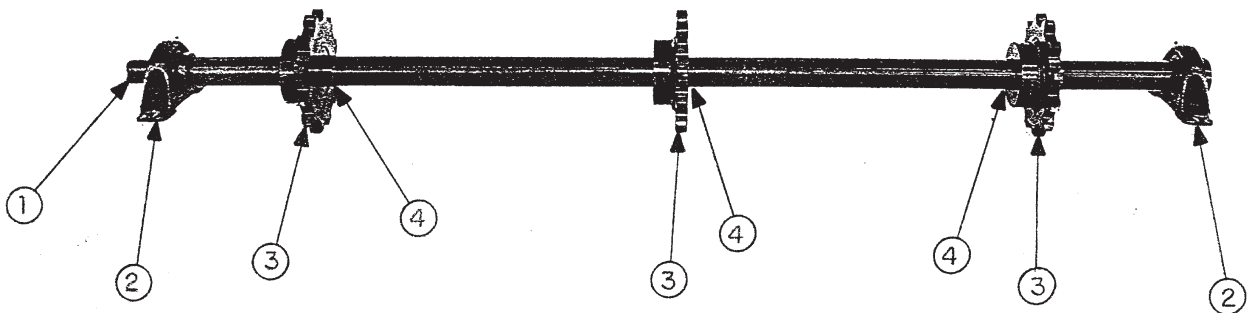
CONVEYOR SUPPORT ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY
1	005249	CONVEYOR SUPPORT	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



#620 CONVEYOR CHAIN 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

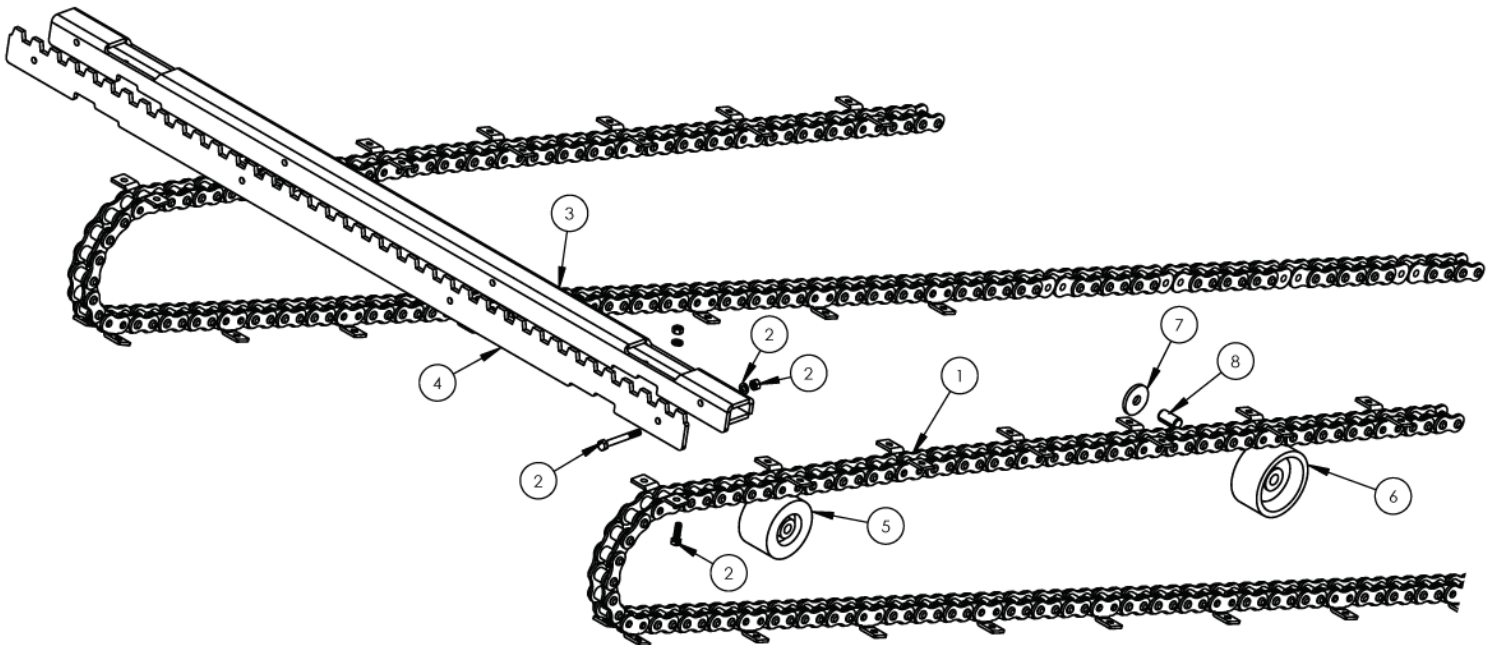


*NOTE CONVEYOR CHAINS / FLIGHTS / SHAFTS MAY HAVE BEEN CONVERTED TO #100 STYLE
 CONVERTED UNITS WILL HAVE QTY 2 CONVEYOR CHAINS
 SEE ADDITIONAL SECTION FOR REPLACEMENT #100 CONVEYOR ITEMS

#100 CONVEYOR CHAIN FLIGHT SYSTEM

<u>REF. NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	P632110	CHAIN: #100 CONV 25 CLT**SEE NOTE BELOW	2
<u>Repair Parts for Ref. No. 1</u>			
	P630101	CHAIN LINK: #100 OFFSET	
	P630100	CHAIN LINK: #100 CONNECTOR	
2	500295	KIT: FLIGHT MOUNTING	1
<u>Kit Parts:</u>			
	P100504	BOLT: 5/16"-18 NC X 1"	100
	P100511	BOLT: 5/16"-18 NC X 2-3/4"	100
	P851105	WASHER: LOCK 5/16"	200
	P155350	NUT: TOP-LOCK 5/16"	200
3	500283	FLIGHT BACK UP MT	25
4	500279	FLIGHT BLADE 5000-100	25
5	P761100	SNUGULATOR: 2500BD1X (FRONT)	4
6	P761300	URETHANE ROLLER (REAR)	2
7	M5009-5	WASHER (REAR)	2
8	500325	IDLER SLEEVE (REAR)	2

****REPLACE CHAIN WITH UPDATED P/N 71.P632144**



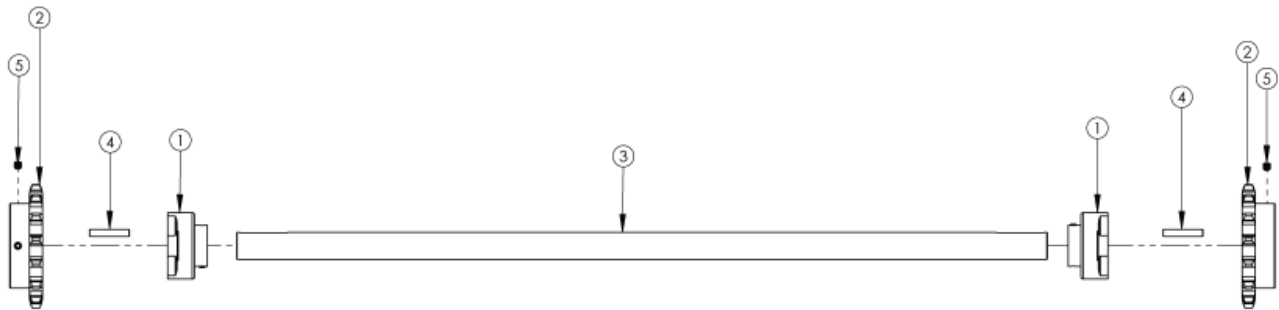
CHAIN REPAIR ITEMS:

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

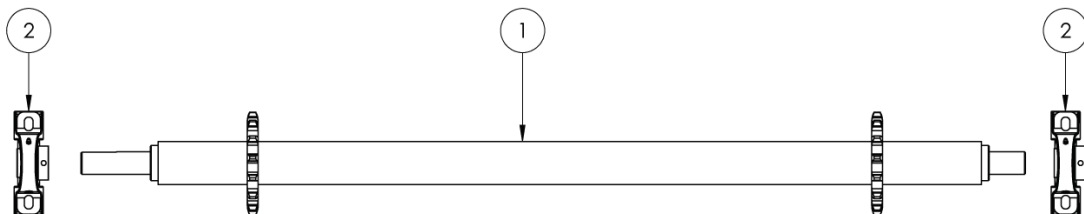


#100 CONVEYOR CHAIN SHAFT ASSEMBLY: FRONT & REAR

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	P015110	BEARING: 1-7/16 2 BOLT FLANGE
2	2	P691015	SPROCKET: H100B15 X 1.438" B KW/2S
3	1	500285	SHAFT: CONV FRONT
4	2	000534M	KEY: 3/8 X 2-1/8
5	4	P108606	SET SCREW, 3/8-16 X 3/8
*	1	500284	COMPLETE SHAFT ASSEMBLY CONTAINS ITEMS #1-#5

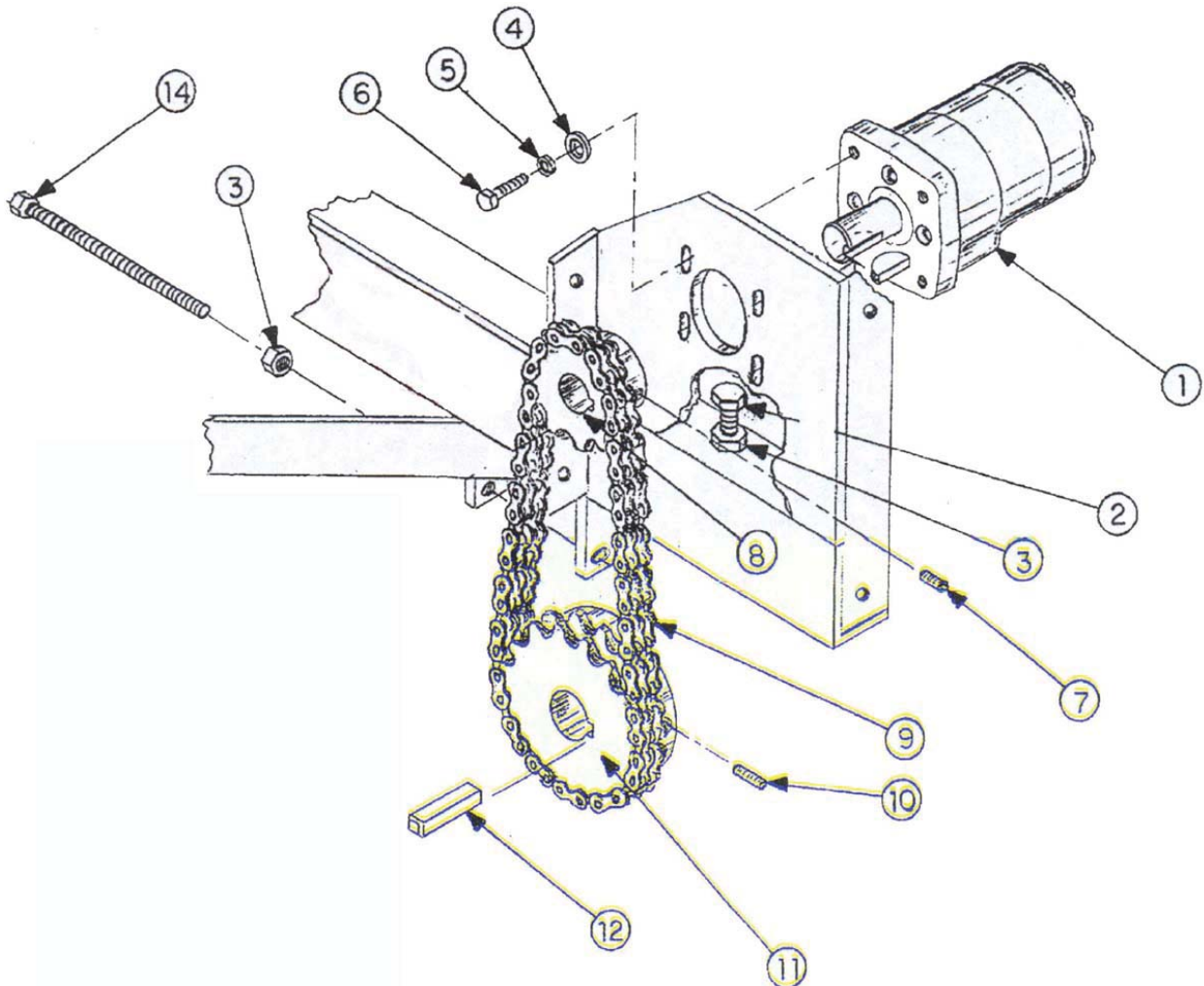


REF NO.	PART NO.	DESCRIPTION	QTY
1	500280	WLD: SHAFT REAR CONV 5000-100	1
2	500169	BEARING: 1-7/16" PB SPOT FACED	2



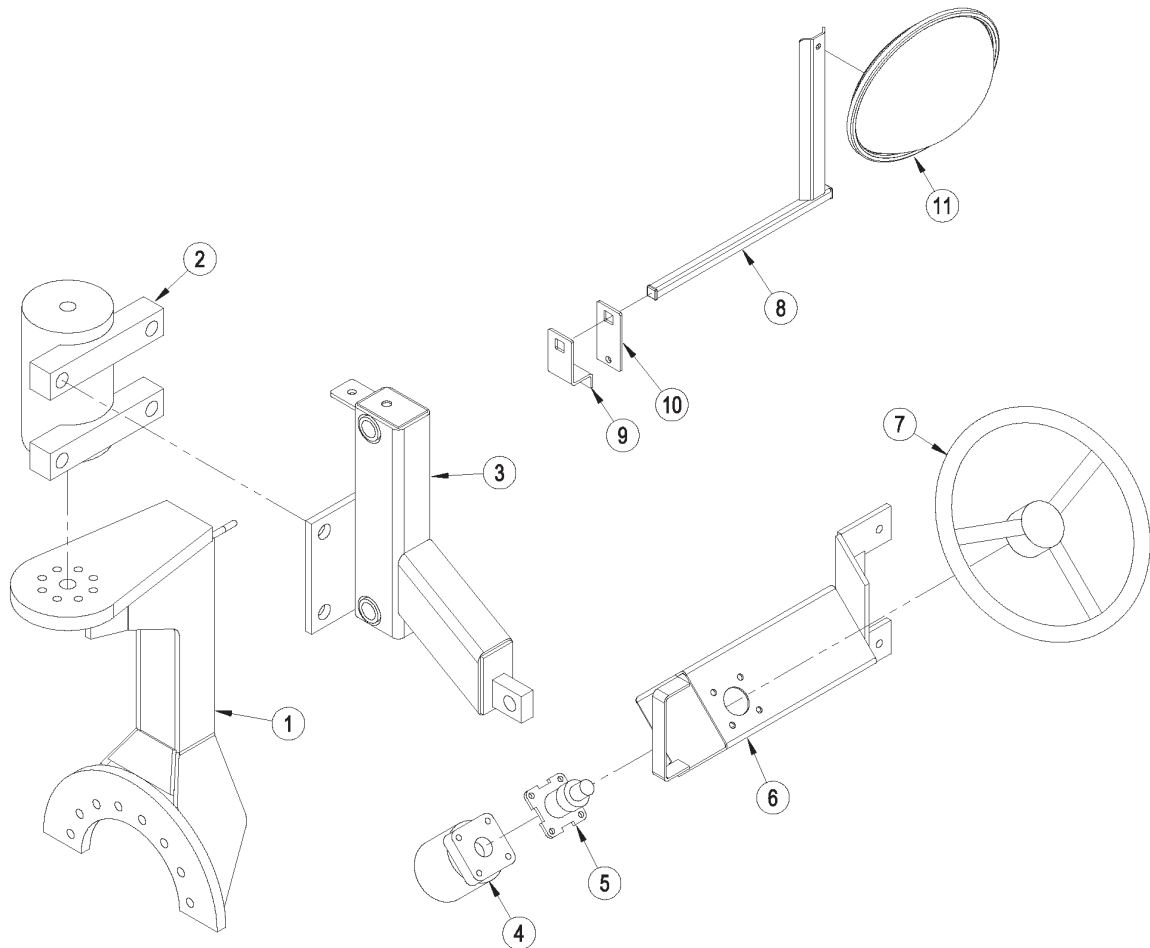
CONVEYOR DRIVE MECHANISM

REF NO.	PART NO.	DESCRIPTION	QTY
1	P352450	MOTOR: C/L 158-1571 8.0 CID "T" SERIES	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

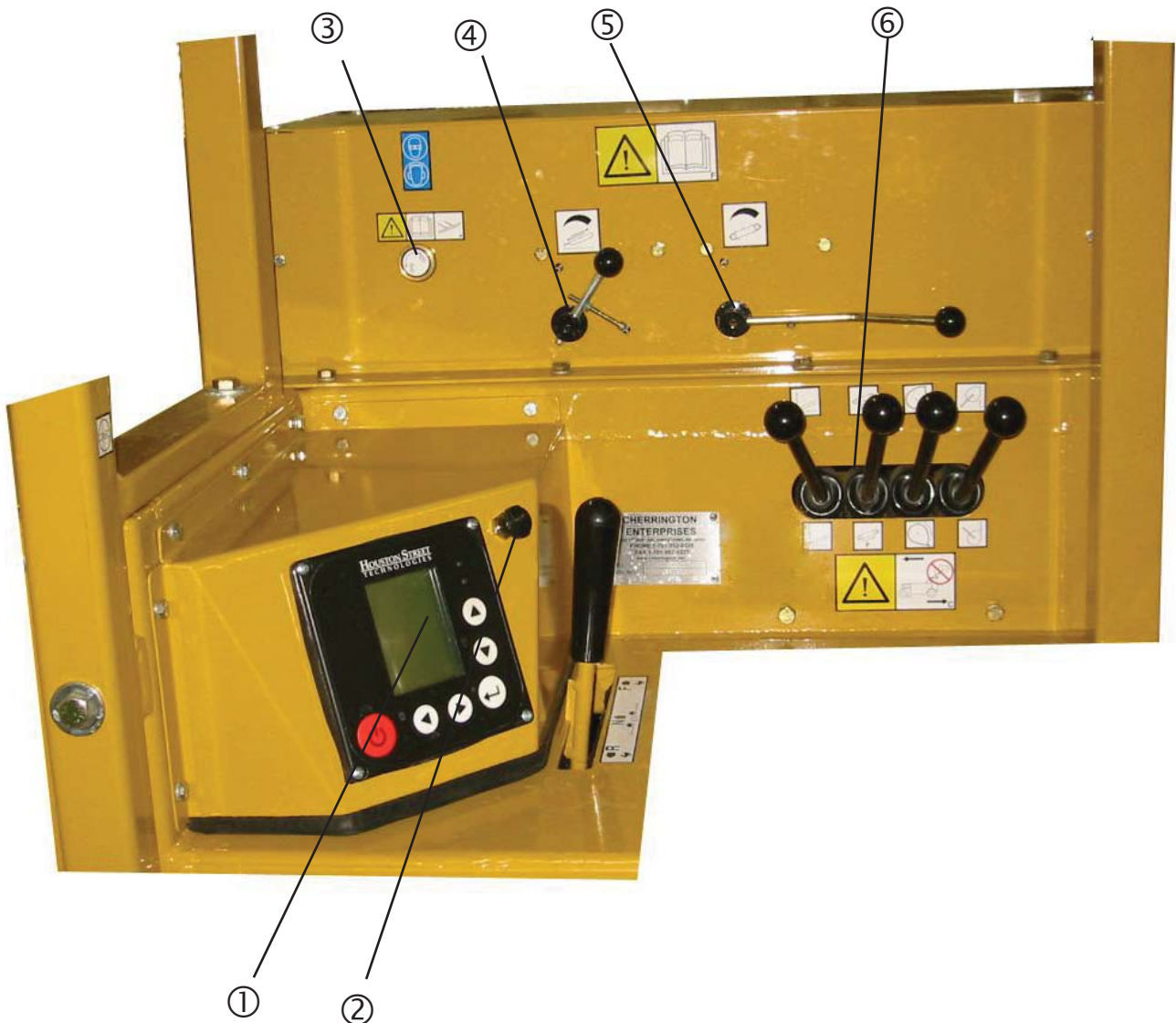
REF NO.	PART NO.	DESCRIPTION	QTY
1	005294	FORK: MSE03/HELAC	1
2	P352500	ACTUATOR: HELAC STEERING L20-15E	1
3	005247	BRKT: HELAC MOUNT	1
4	P352200	MOTOR: PS, C/L 213-4002	1
5	P768510	STEERING COLUMN: C/L 204-1002	1
6	005346	STEERING BOX	1
	005349	STEERING BOX COVER	1
7	P768500	STEERING WHEEL	1
8	500037	MIRROR MOUNT ASSEMBLY	1
9	500038	CLAMP: MIRROR OFFSET	1
10	500039	CLAMP: MIRROR FLAT	1
11	P313000	MIRROR: SOLAR ECLIPSE LITE TINT UNHEATED	1



CONTROLS AND GAUGES

REF NO.	PART NO.	DESCRIPTION	QTY
1	P296820*	CONTROLLER, HST - H30, V1	1
2	P298145	SWITCH: LIGHT	1
3	P294300	VALVE: NEEDLE NVG	1
4	P294200	VALVE: PRI HC-V-BE-08	1
5	P294200	VALVE: PRI HC-V-BE-08	1
6	005146	VALVE BANK ASM, HUSCO	1

*NOTE: P296820 H30 DISPLAY IS NOT AVAILABLE WILL REQUIRE CONTROL SYSTEM UPDATE - P/N: 71.P296825
SEE ADDITIONAL PAGE FOR CONVERSION ITEMS



71.P296825

COMPLETE CONTROL PACKAGE KIT 5000: DANFOSS

REPLACES H30 CONTROL SYSTEM
P/N 71.P296820 – UNAVAILABLE



ORDER LIST FOR CONVERSION:

QTY 1 71.P296825 CONTROL PACKAGE
QTY 1 71.500313 CONTROL PANEL MOUNT DANFOSS
QTY 1 71.P298140 KEY SWITCH
QTY 2 71.P100410 HEX BOLT: 1/4-20 UNC X 2-1/2"
QTY 2 71.P155250 TOP LOCK NUT: 1/4-20 UNC
QTY 2 71.P850104 FLAT WASHER: 1/4"
QTY 2 71.P851104 LOCK WASHER: 1/4"

REQUIRED ITEMS TO COMPLETE INSTALLATION NOT INCLUDED IN 71.P296825

71.500313 CONTROL PANEL MOUNT DANFOSS



71.P298140 KEY SWITCH



71.P296825 CONTROL PACKAGE CONTAINS:

- 1) 71.P296826 PROGRAMMED DANFOSS DP250 DISPLAY
- 2) 71.P296829 PROGRAMMED DANFOSS MC24 CONTROLLER
- 3) 71.P296827 ADAPTER WIRING HARNESS



HOPPER AND ROLLOVER COMPONENTS

REF NO.	PART NO.	DESCRIPTION	QTY
1	005278	HOPPER WELDMENT, HD	1
2	005280	BOOM WELDMENT CLEVIS TYPE	1
3	000124W	HOOD WELDMENT	1
4	005283	ROLLOVER CHAIN GUARD	1
5	005272	SPUD, HOPPER RIGHT	1
6	005271	SPUD, HOPPER LEFT	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	P259330	CYLINDER, 2B X 8S W/CAV	1
	P294250	VALVE, PILOT CHECK CARTRIDGE	
	P259306	SEAL KIT, RKT2-0096	
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	P104806	CARRIAGE BOLT, 1/2-13 X 1-1/2"	12
18	P122608	3/8" X 2" ROLL PIN	1
19	P852020	WASHER, FENDER 1/2"	2
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	P620200	GREASE FITTING: 1/4" STRAIGHT	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"	14
31	P851110	WASHER, LOCK, 5/8"	2
32	P155450	NUT, TOP LOCK, 3/8"	2
33	P155850	NUT, TOP LOCK, 1/2"	14
34	P157500	NUT, TOP LOCK, 5/8"	2
35	P100403	BOLT, HEX, 1/4-20 NC X 3/4"	20
36	P100812	BOLT HEX 1/2-13NC X 3"	2
37	P100805	BOLT, HEX, 1/2-13 X 1-1/4"	2

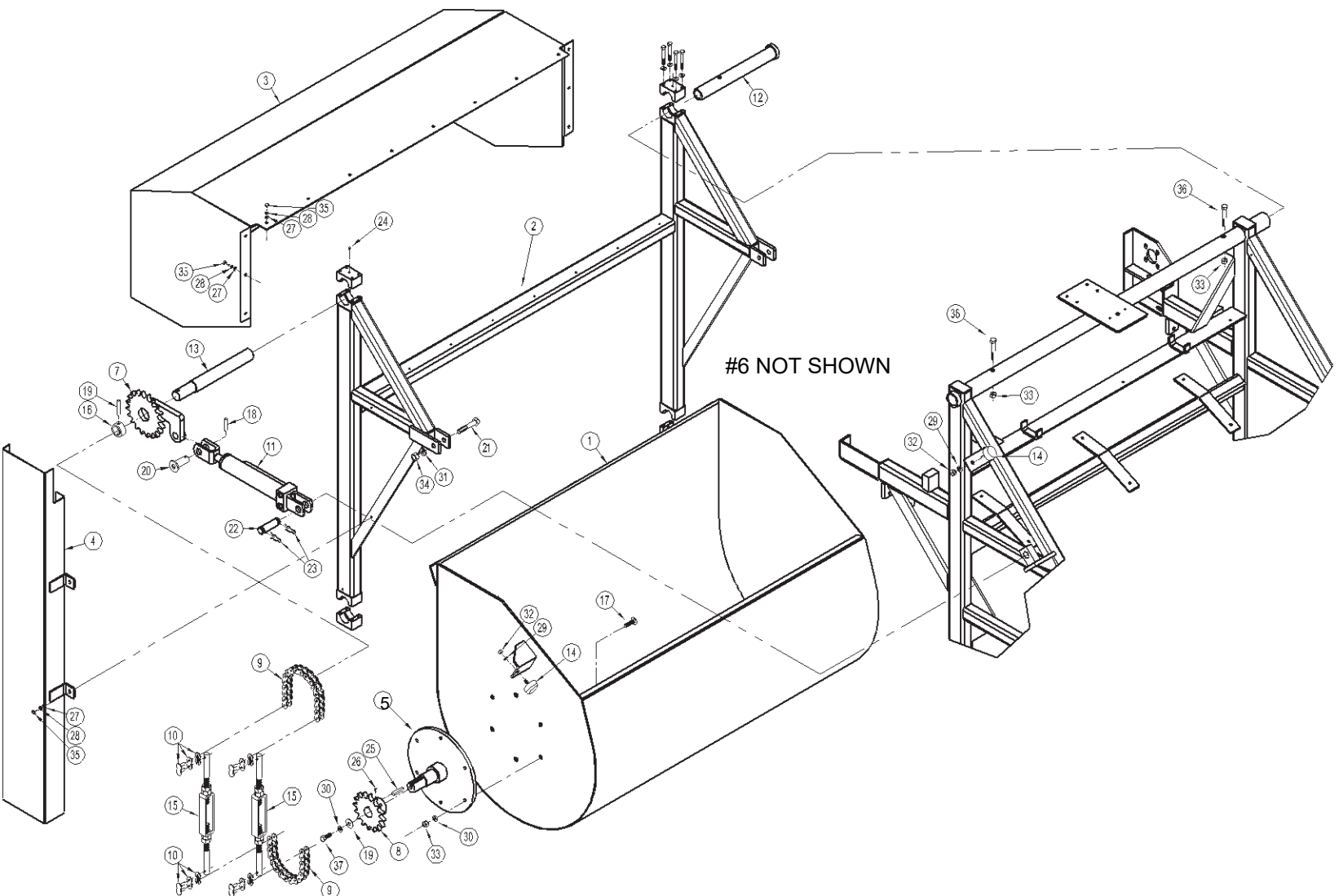
***NOT SHOWN**

71.P259315 CYLINDER: BOOM LIFT / LOWER 5/8" PIN BOSS

71.P259316 SEAL KIT

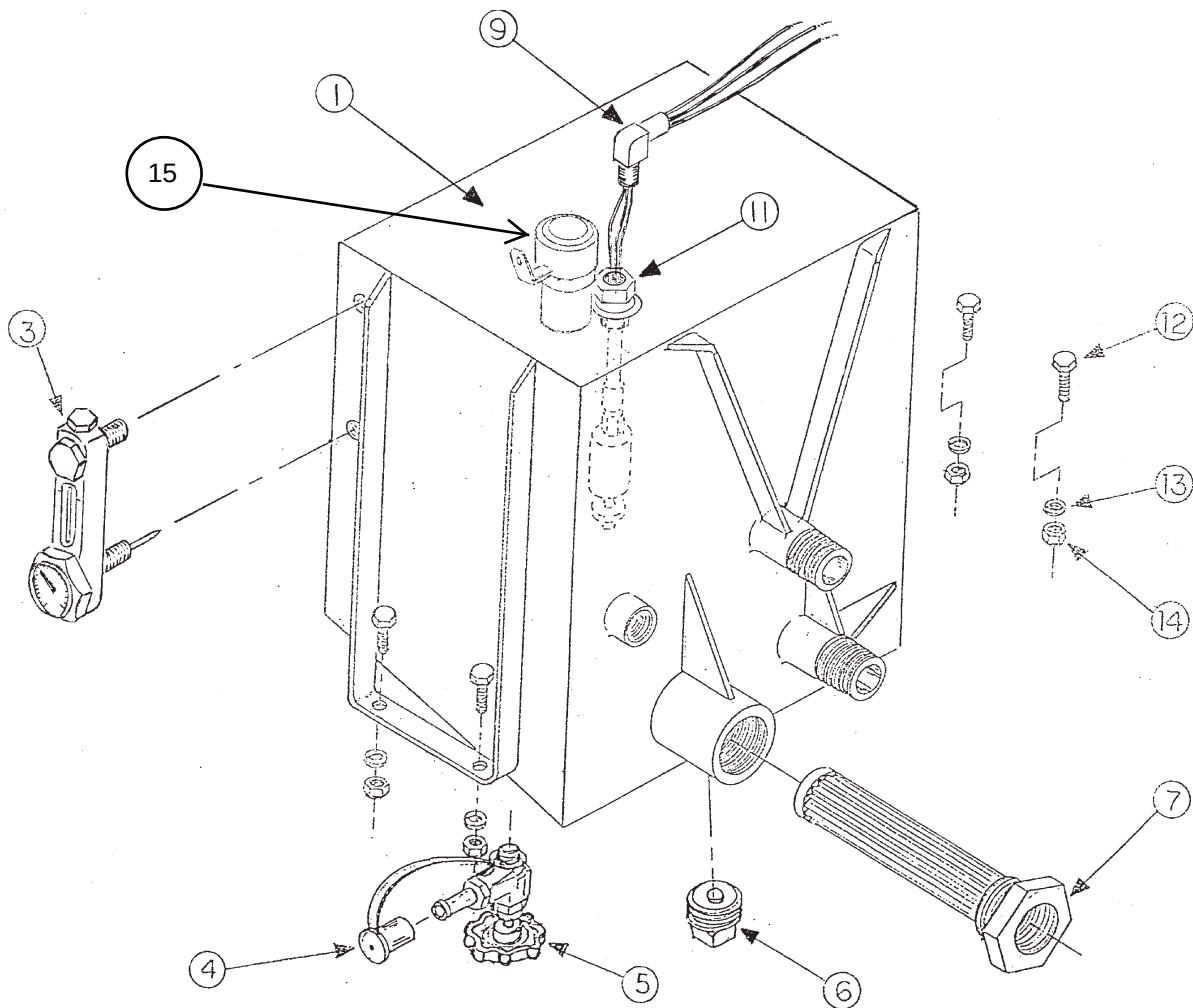
71.P294250 VALVE: LOAD CHECK

HOPPER AND ROLLOVER COMPONENTS



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
15	71.P610000	FILL CAP	



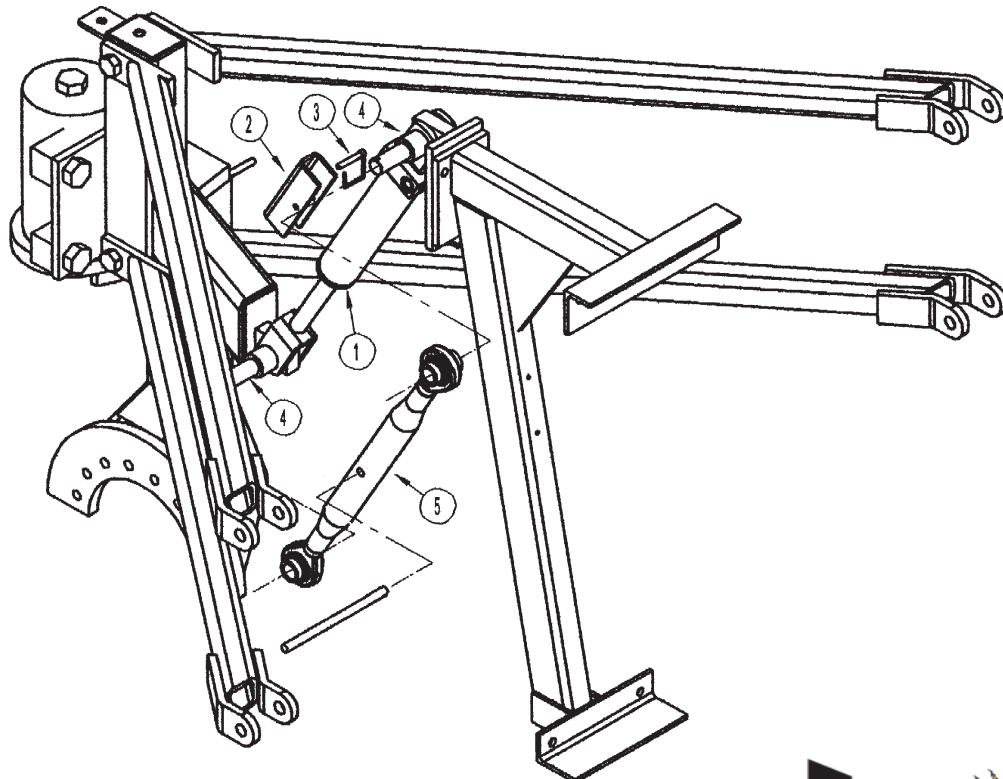
EMERGENCY TOW JACK

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:

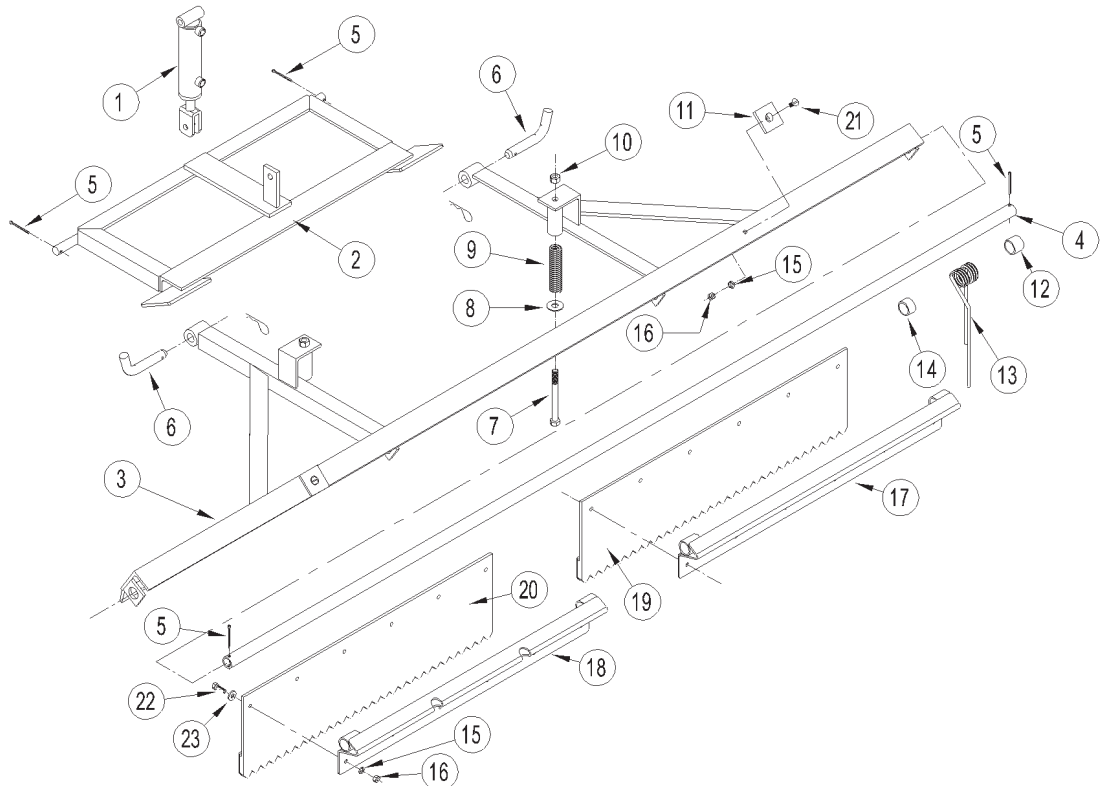
1. REMOVE SCREW HOLDING END CAP ONTO TUBE. AFTER REMOVING CAP, REMOVE THE SCREW JACK AND JACK HANDLE FROM INSIDE THE TUBE.
2. ATTACH SCREW JACK ONTO PINS ATTACHING DIGGER CYLINDER TO MACHINE.
3. USE THE SUPPLIED JACK HANDLE TO TURN JACK, WHILE PERIODICALLY RELEASING LINE PRESSURE BY OPERATING 'DIGGER'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

REF NO.	PART NO.	DESCRIPTION	QTY
1	P259305	CYLINDER, 2B X 10S w/CAV	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



GROOMER ASSY

REF NO.	PART NO.	DESCRIPTION	QTY
1	P259150	CYLINDER, GROOMER	1
	P259151	SEAL KIT: RKT 1.5-0047	1
2	004864	LIFT BRKT, GROOMER	1
3	004862	GROOMER BAR	1
4	004229	PIPE, SPRING MOUNT	1
5	P116308	COTTER PIN: 3/16" X 2"	4
6	P121200	BENT HITCH PIN: 3/4" X 3-1/2"	2
7	P100822	BOLT: 1/2-13 X 5-1/2"	2
8	P850108	WASHER: FLAT ZINC 1/2"	2
9	P605700	SPRING: DIE 5"	2
10	P155850	NUT: 1/2" TOP-LOCK	2
11	004883	WEAR PAD, GROOMER	2
12	004262	(OPTIONAL) SPACER, GROOMER 1"	33
13	004243	(OPTIONAL) SPRING	36
14	004263	(OPTIONAL) SPACER, GROOMER 3/4"	2
15	P851105	WASHER: LOCK 5/16"	20
16	P150500	HEX NUT: 5/16" PLATED	20
17	005339	GROOMER COMB BRKT; CENTER	1
18	005340	GROOMER COMB BRKT; OUTSIDE	2
19	005337	GROOMER COMB CENTER	1
20 *	005338	GROOMER COMB OUTSIDE SEE NOTE FOR UPDATED P/N	2
21	P103810	BOLT: FLAT HEAD 5/16" X 1"	2
22	P100504	BOLT: 5/16-18 NC X 1"	18
23	P850105	WASHER: FLAT ZINC 5/16"	18



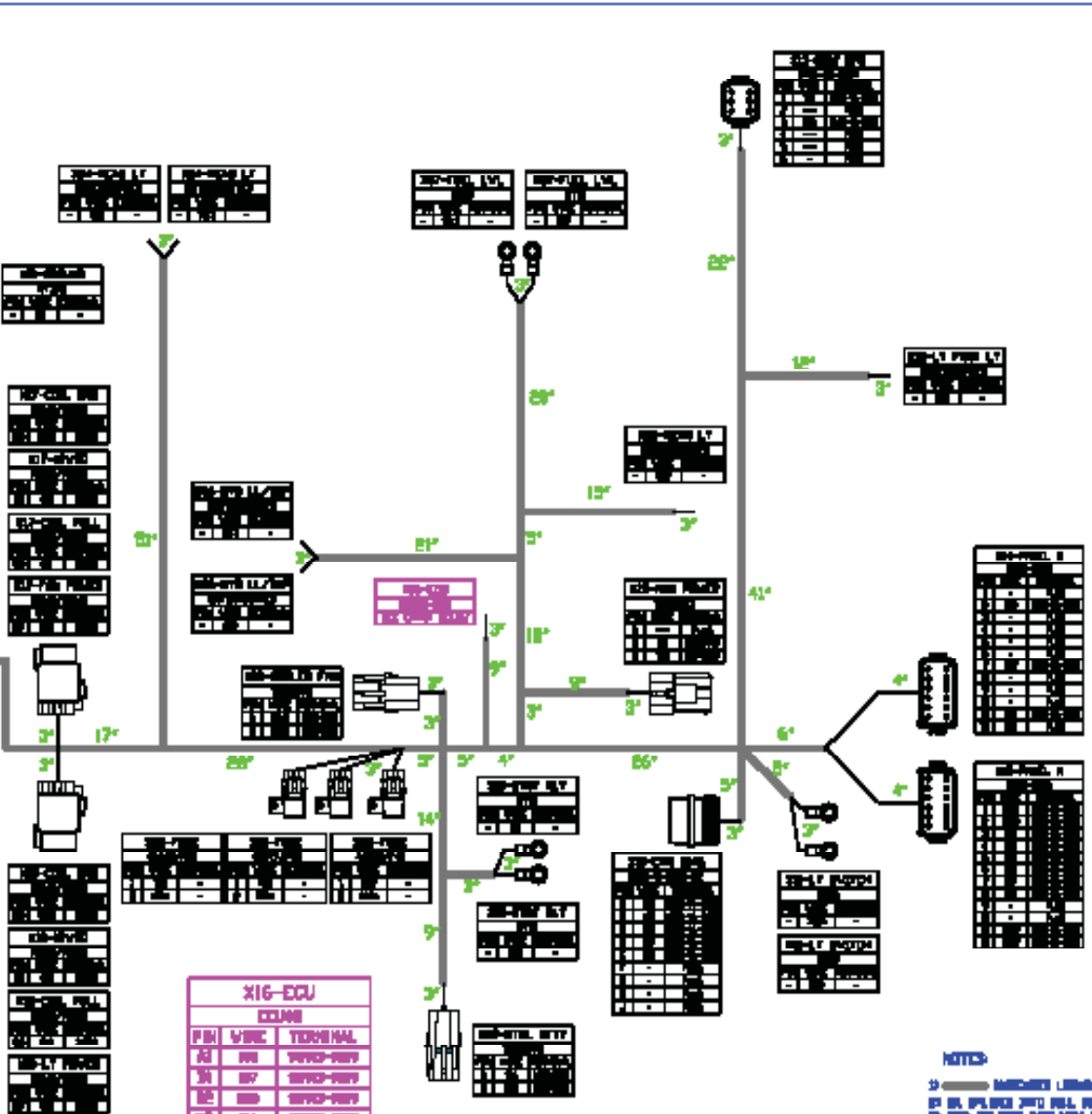
#20) 005338 GROOMER FLAP OUTSIDE REPLACED BY P/N 71.500131 RIGHT AND 71.500132 LEFT

71.500089 COMPLETE GROOMER ASSEMBLY
CONTAINS ITEM# 3, 4, 7-11, 15-23 FULLY ASSEMBLED

WIRING DIAGRAM

PART #	DESCRIPTION	QTY
800-000	BLANK TERMINAL, 10 PIN, 1"	1
800-001	BLANK TERMINAL, 10 PIN, 1"	1
800-002	BLANK TERMINAL, 10 PIN, 1"	1
800-003	BLANK TERMINAL, 10 PIN, 1"	1
800-004	BLANK TERMINAL, 10 PIN, 1"	1
800-005	BLANK TERMINAL, 10 PIN, 1"	1
800-006	BLANK TERMINAL, 10 PIN, 1"	1
800-007	BLANK TERMINAL, 10 PIN, 1"	1
800-008	BLANK TERMINAL, 10 PIN, 1"	1
800-009	BLANK TERMINAL, 10 PIN, 1"	1
800-010	BLANK TERMINAL, 10 PIN, 1"	1
800-011	BLANK TERMINAL, 10 PIN, 1"	1
800-012	BLANK TERMINAL, 10 PIN, 1"	1
800-013	BLANK TERMINAL, 10 PIN, 1"	1
800-014	BLANK TERMINAL, 10 PIN, 1"	1
800-015	BLANK TERMINAL, 10 PIN, 1"	1
800-016	BLANK TERMINAL, 10 PIN, 1"	1
800-017	BLANK TERMINAL, 10 PIN, 1"	1
800-018	BLANK TERMINAL, 10 PIN, 1"	1
800-019	BLANK TERMINAL, 10 PIN, 1"	1
800-020	BLANK TERMINAL, 10 PIN, 1"	1

PART #	GA	COLOR	DESCRIPTION
800-000	10	BLACK	BLANK TERMINAL
800-001	10	BLACK	BLANK TERMINAL
800-002	10	BLACK	BLANK TERMINAL
800-003	10	BLACK	BLANK TERMINAL
800-004	10	BLACK	BLANK TERMINAL
800-005	10	BLACK	BLANK TERMINAL
800-006	10	BLACK	BLANK TERMINAL
800-007	10	BLACK	BLANK TERMINAL
800-008	10	BLACK	BLANK TERMINAL
800-009	10	BLACK	BLANK TERMINAL
800-010	10	BLACK	BLANK TERMINAL
800-011	10	BLACK	BLANK TERMINAL
800-012	10	BLACK	BLANK TERMINAL
800-013	10	BLACK	BLANK TERMINAL
800-014	10	BLACK	BLANK TERMINAL
800-015	10	BLACK	BLANK TERMINAL
800-016	10	BLACK	BLANK TERMINAL
800-017	10	BLACK	BLANK TERMINAL
800-018	10	BLACK	BLANK TERMINAL
800-019	10	BLACK	BLANK TERMINAL
800-020	10	BLACK	BLANK TERMINAL



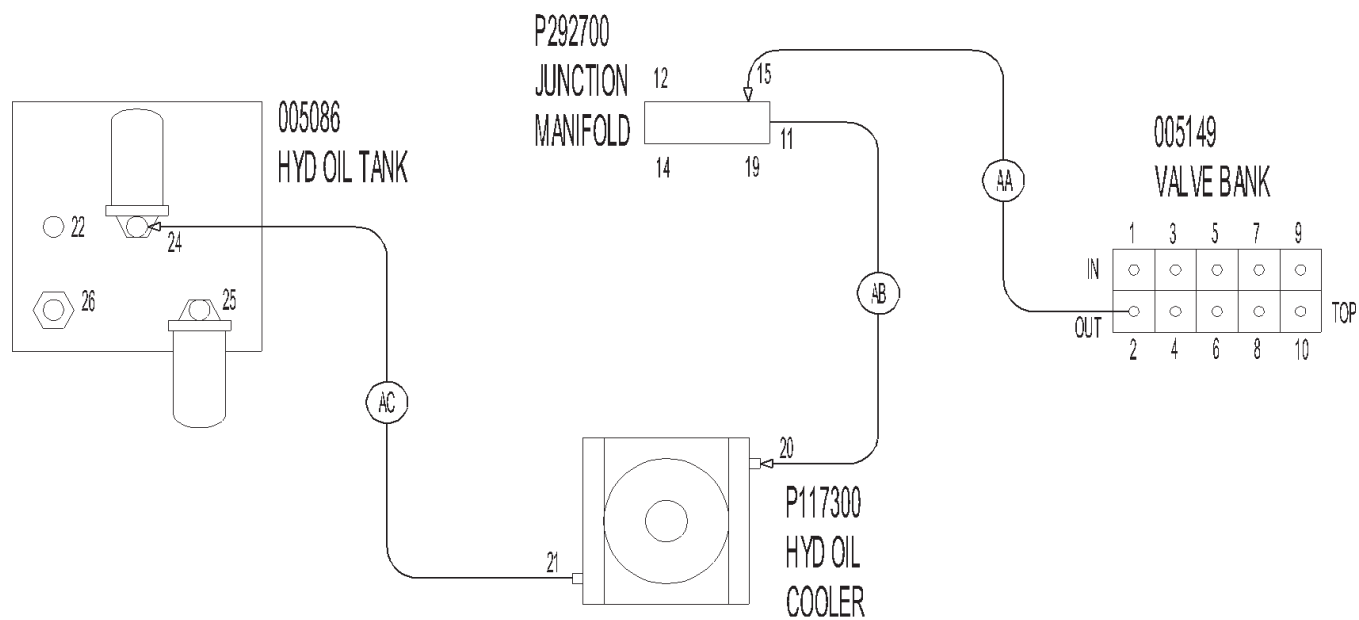
X16-EDU		
FIN	WIRE	TERMINAL
10	100	TERMINAL
11	101	TERMINAL
12	102	TERMINAL
13	103	TERMINAL
14	104	TERMINAL
15	105	TERMINAL
16	106	TERMINAL
17	107	TERMINAL
18	108	TERMINAL
19	109	TERMINAL
20	110	TERMINAL

NOTES:
 1) ALL WIRING MUST BE DONE IN ACCORDANCE WITH THE FOLLOWING:
 2) ALL WIRING MUST BE DONE IN ACCORDANCE WITH THE FOLLOWING:
 3) ALL WIRING MUST BE DONE IN ACCORDANCE WITH THE FOLLOWING:
 4) ALL WIRING MUST BE DONE IN ACCORDANCE WITH THE FOLLOWING:

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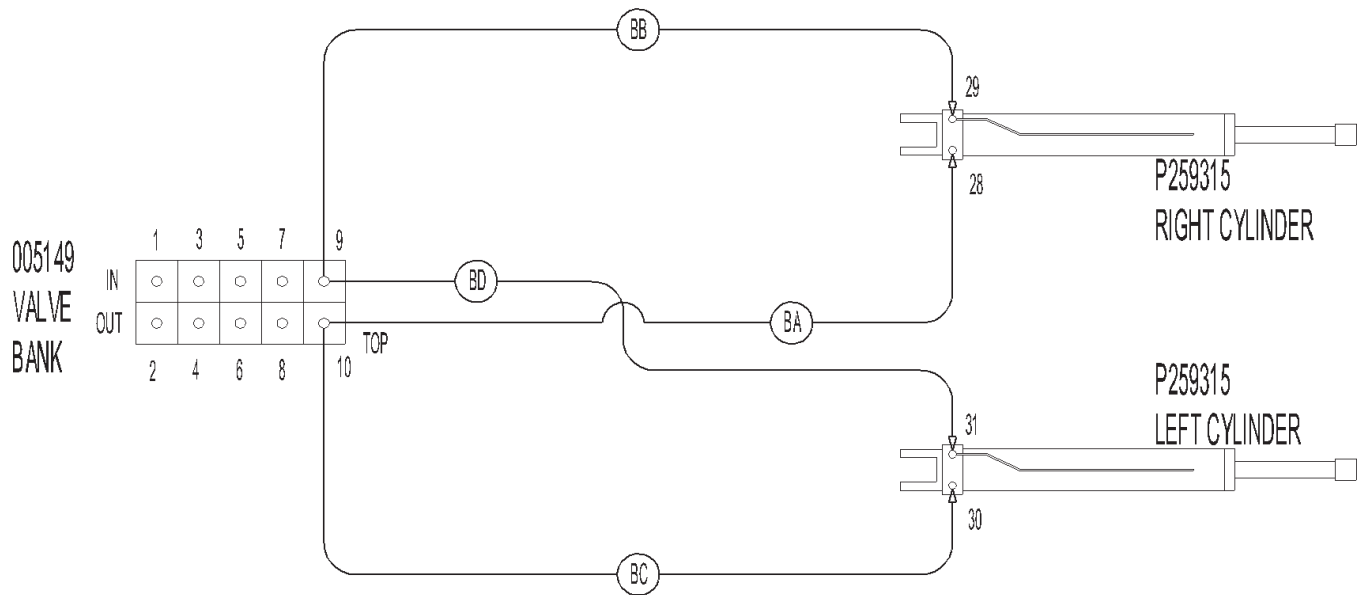
HYDRAULIC RETURN/COOLER CIRCUIT



71.P117310 HYD COOLING FAN

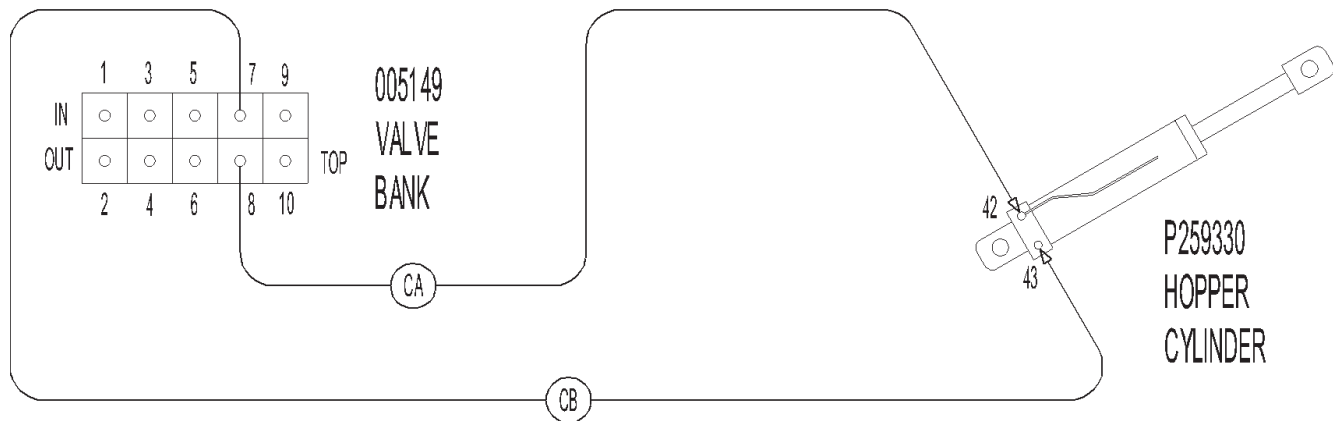
- AA. 12MJ-10MB, Hose P286052, 12MJ-10MB90
- AB. 16MJ-16MB90, Hose P288045, 16MJ-16MB90
- AC. 16MJ-16MB90, Hose P288021, 16MJ-20MB45, FILTER, 20MB-20FP

HOPPER LIFT CIRCUIT



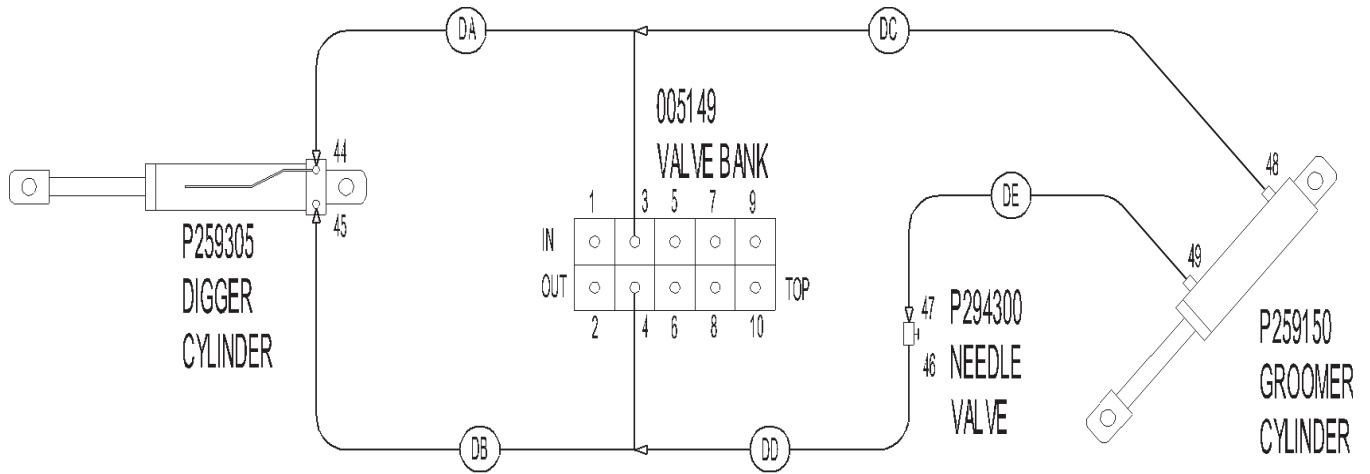
- BA. 6MJ-8MB .115R, 6MJ-6FJX-6MJ, Hose P283059, 6MJ-6MB90
- BB. 6MJ-8MB, 6MJ-6FJX-6MJ, Hose P283059, 6MJ-6MB90
- BC. Hose P283197, 6MJ-6MB90
- BD. Hose P283197, 6MJ-6MB90

HOPPER ROLLOVER CIRCUIT



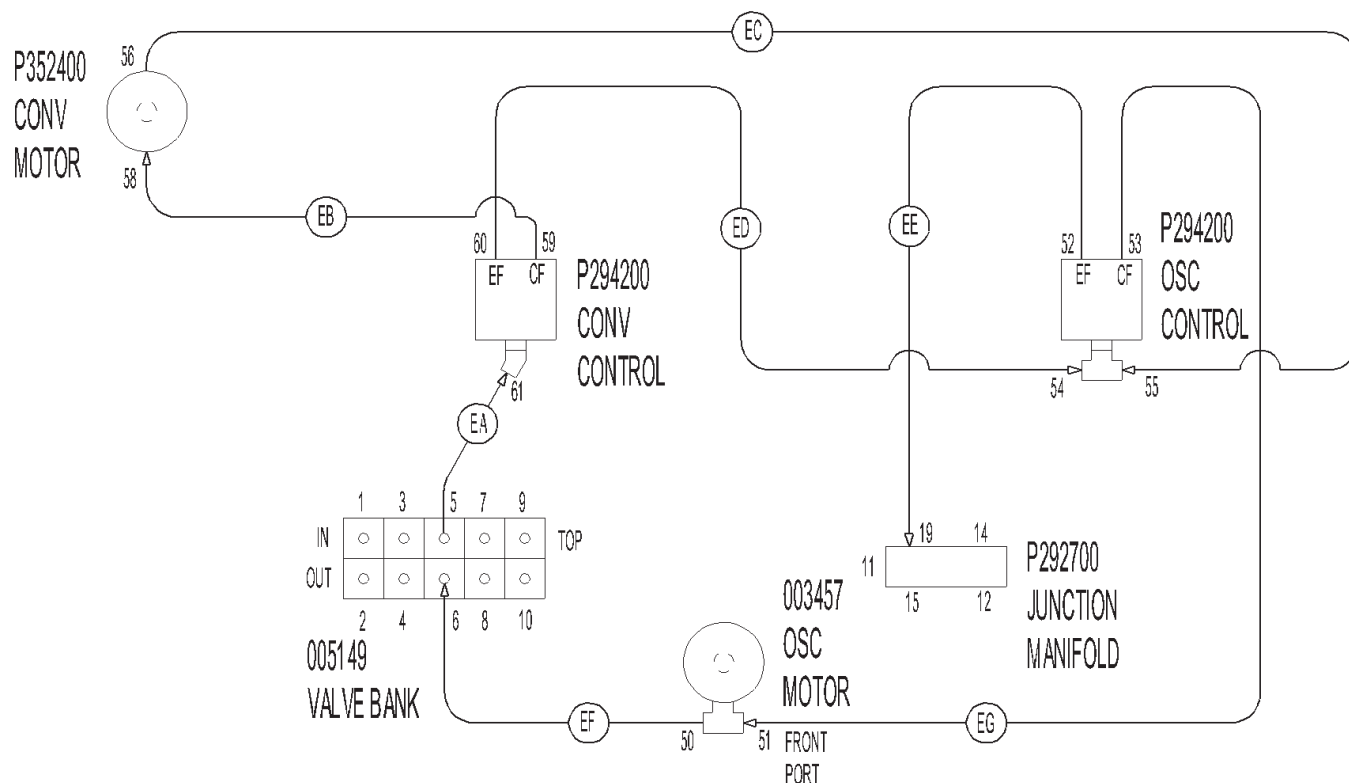
- CA. GP-8MJ-8MB-4FP, Hose P283811, 6MJ-6MB90
CB. 6MJ-8MB .035R, Hose P283112, 6MJ-6MB90

DIGGER/GROOMER CIRCUIT



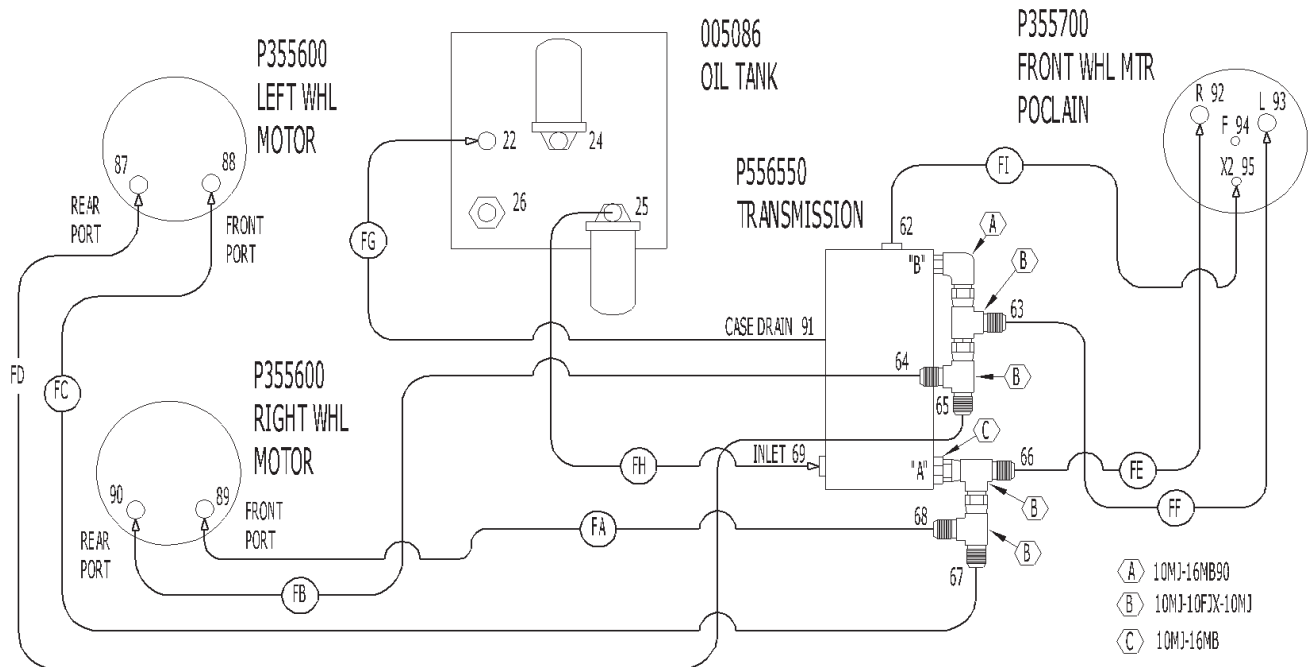
- DA. 6MJ-8MB, 6MJ-6FJX-6MJ, Hose P283124, 6MJ-6MB90
- DB. 6MJ-8MB .065R, 6MJ-6FJX-6MJ, Hose P283124, 6MJ-6MB90
- DC. 4MJ-4MP90, Hose P282126
- DD. 4MJ-4MP90, Hose P282024
- DE. 4MJ-4MP90, Hose P282150, 4MJ-4MP90

CONVEYOR/OSCILLATOR CIRCUIT



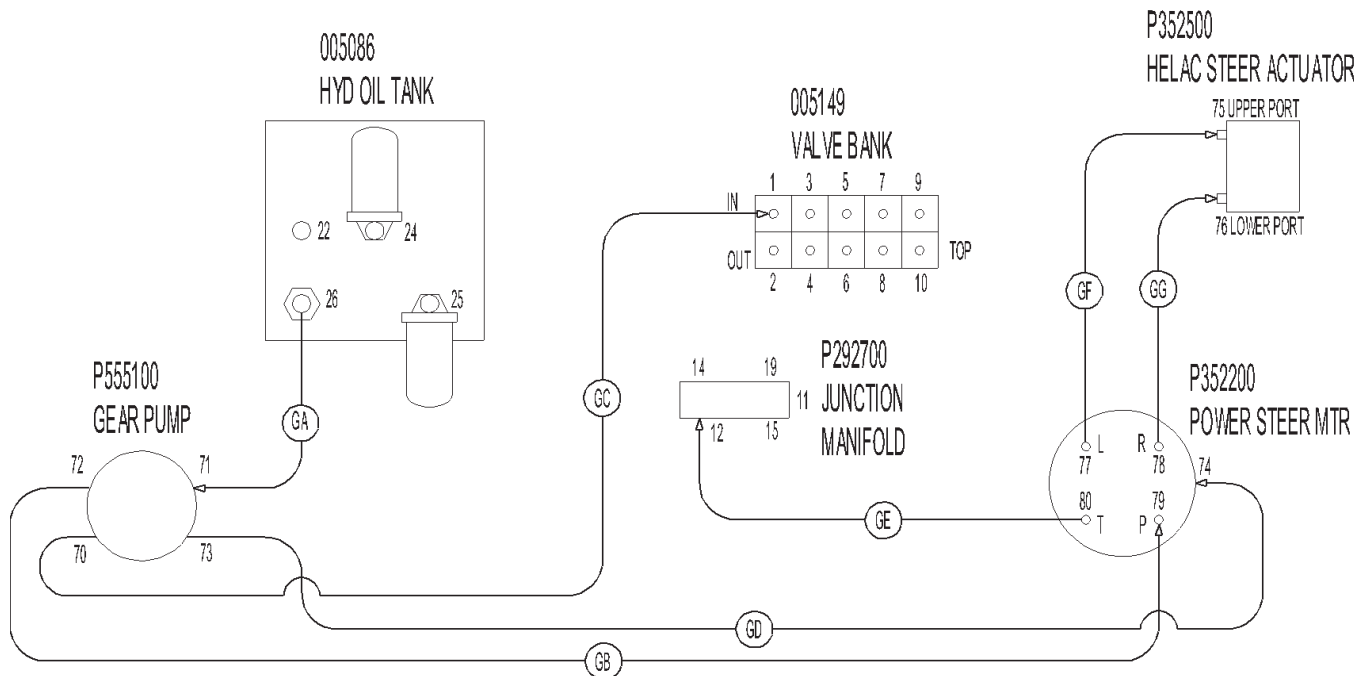
- EA. 8MJ-8MB, Hose P284024, 8MJ-12MB45
- EB. 8MJ-12MB90, Hose P284902, 8MJ-10MB45
- EC. 8MJ-10MB45, Hose P284196, 8MJ-8MJ-8FJX, 8MJ-12MB
- ED. 8MJ-12MB90, Hose P284025
- EE. 8MJ-12MB90, Hose P284065, 8MJ-10MB90
- EF. 8MJ-10MB90, Hose P284081, 8MJ-8MB
- EG. 8MJ-12MB90, Hose P284095, 8MJ-10MB90

HYDROSTATIC DRIVE CIRCUIT



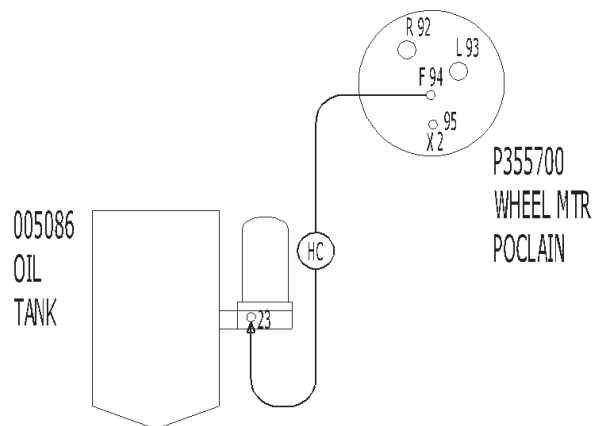
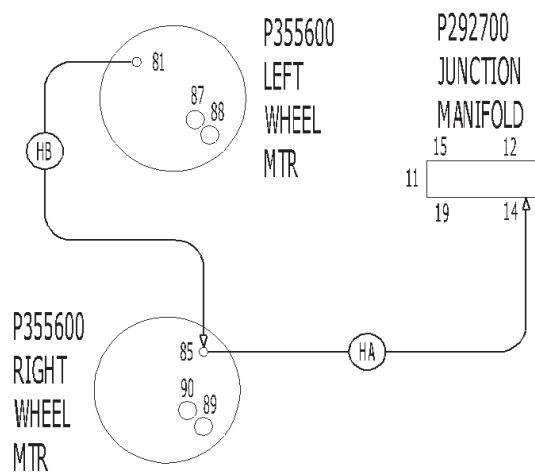
- FA. Hose P284908, 8MJ-10MB
- FB. Hose P284908, 8MJ-10MB
- FC. Hose P284946, 8MJ-10MB
- FD. Hose P284946, 8MJ-10MB
- FE. Hose P284496, 8MJ-10MB
- FF. Hose P284496, 8MJ-10MB
- FG. 8MJ-12MB, Hose P284031, 8MJ-8MP90
- FH. 20MB-20FP, FILTER, 16MJ-20MB90, Hose P288026, 16MJ-16MB
- FI. 4MJ-6MB90, Hose P282400, 4MJ-6MB

POWER STEERING CIRCUIT



- GA. 20MJ-20MP90, Hose P289030, 20MJ-16MB
- GB. 6MJ-8MB90, Hose P283923, 6MJ-8MB
- GC. 12MJ-10MB45, Hose P286075, 12MJ-10MB
- GD. 4MJ-4MB, Hose P282118, 4MJ-4MB90
- GE. 6MJ-8MB, Hose P283110, 6MJ-6MB90
- GF. 6MJ-8MB, Hose P283084, 6MJ-4MB90
- GG. 6MJ-8MB, Hose P283084, 6MJ-4MB90

WHEEL MOTOR CASE DRAIN CIRCUIT



- HA. 4MJ-6MB, 4MJ-4FJX-4MJ, Hose P282994, 4MJ-6MB90
- HB. 4MJ-6MB, Hose P282069
- HC. 4MJ-6MB, Hose P282445, 4MJ-2MP90