

OVERALL VIEW - 3000

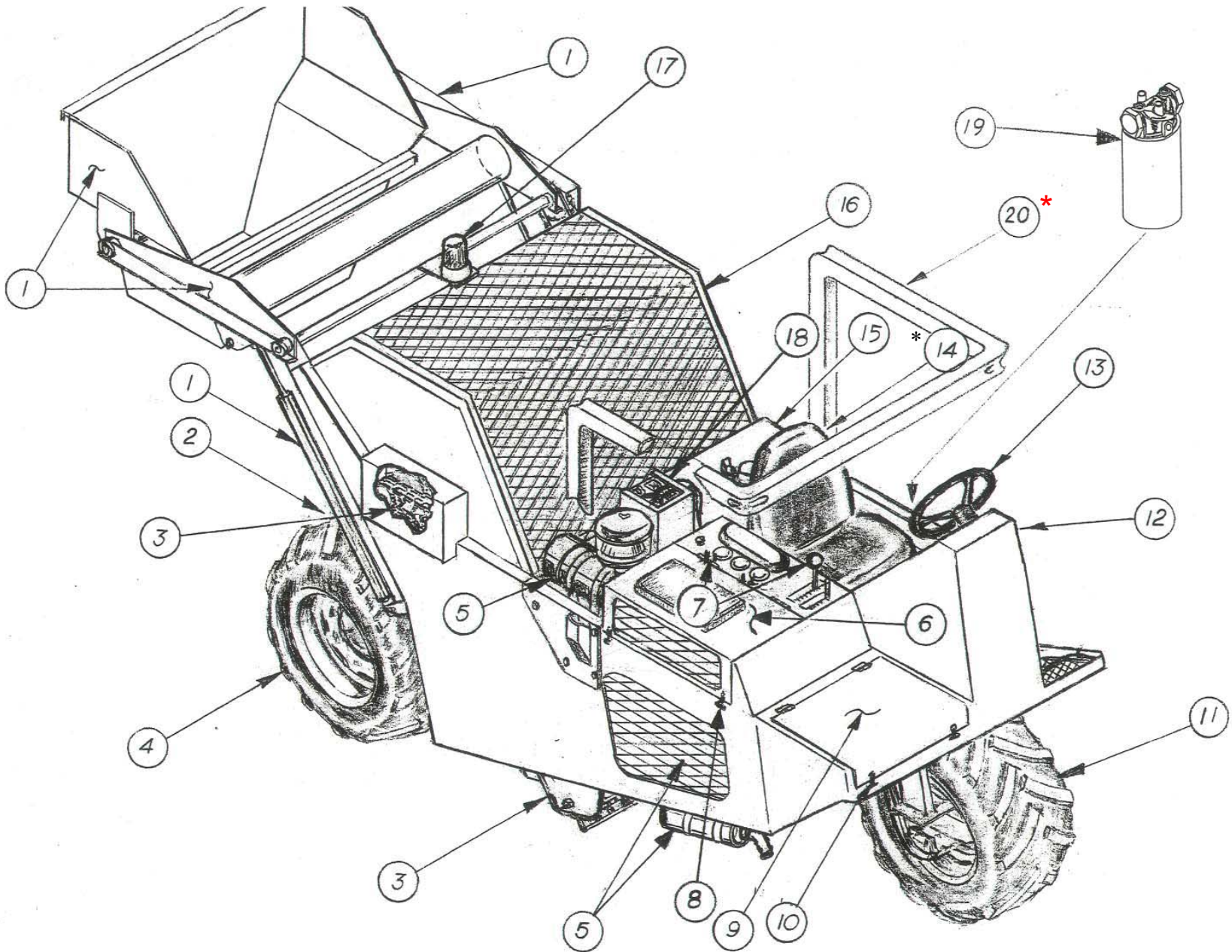
REF NO.	PART NO.	DESCRIPTION	QTY
1	PAGE 24/25	HOPPER SYSTEM	
2	005093	TANK, HYD ASSY, 3000	1
	P297220	GAUGE: OIL SIGHT (RA)	1
3	PAGE 22/23	SCREEN COMPONENTS	
4	P354200	MTR: WHL, WHI HB 1857	2/MACH
		<i>Seal Kit: P354201</i>	
	002646	WHEEL ASSY-LH (used right side)	1
	002959	WHEEL ASSY-RH (used left side)	2
		<u>Each Wheel Assy Includes:</u>	
	P763000	TIRE: SD	1
	002647	RIM (10 X 15)	1
		<u>See Also: Steering Page E</u>	
5	PAGE 20/21	ENGINE/PUMP COMPONENTS	
6	004636	SHIELD, ENG. COVER	1
	P999000	BOX: OWNERS MANUAL	1
7	PAGE 28/29	OPERATOR'S CONTROLS	
8	003384	LATCH, FLEX-DRAW (Style R)	2
9	002713	GUARD, STEERING COMPARTMENT	1
10	002814	LATCH, FLEX, DRAW (Style F)	2
11	PAGE 26/27	STEERING COMPONENTS	
12	PAGE 28/29	OPERATOR CONTROLS	
13	P768500	STEERING WHEEL (RA)	1
	P768501	STEERING WHEEL NUT	1
	P768510	STEERING COLUMN: C/L 204-1002	1
	P352300	MTR: PS, C/L 241-1034	1
14 *	005261	SEAT: 3000	1
15	PAGE 30/31	FUEL SYSTEM	
16	003372	GUARD, CONVEYOR/OSC	1
17	P312600	LIGHT: STROBE (RB)	1
18	003086	BRKT, AIR CLNR/BATT BOX	1
	003382	COVER, BATT BOX (Not Shown)	1
	003096	PAD, BATT	1
	P002400	BATTERY: EXI 26/R60	1
	P002608	BATTERY CABLE: 4 GA 08"	1
	P002631	BATTERY CABLE: 1 GA 31"	1
	P002648	BATTERY CABLE: 1 GA 48"	1
19	P371900	FILTER: HYD FA3 HEAD	1
	P297170	GAUGE: IND LP CI-20	1
	P371820	FILTER: HYD ELMT	1
20 *	003684	ROLL BAR ASSY, ROPS	1

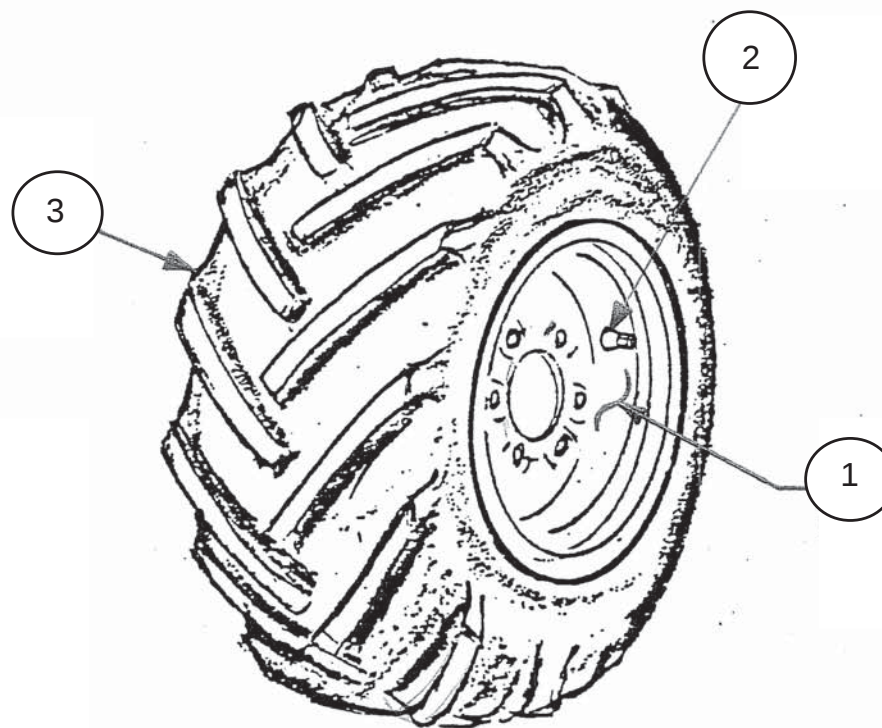
* 71.300015 OPTIONAL ROPS SUN SHADE CANOPY

* 71.P298168 SEAT SAFETY SWITCH (NOT SHOWN)

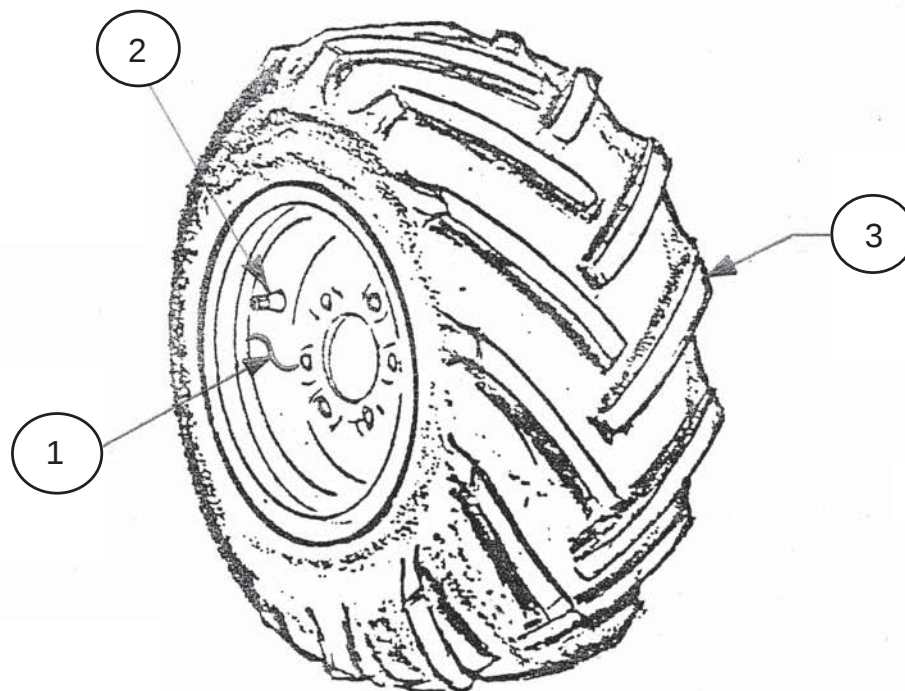
OVERALL VIEW - 3000

A





ITEM	PART NUMBER	DESCRIPTION	002646 WHEEL ASSY: RIGHT REAR		REV.
1	71.P750700	RIM: PIONEER #106809			
2	71.P763001	TUBE: INNER 3000	SCALE: _____	APPROVED BY: _____	DRAWN BY _____
3	71.P763000	TIRE: 29 X 12.5 - 15 NHS 8PR	DATE: _____		REVISED _____
			CHERRINGTON CORPORATION		
			DRAWING NUMBER _____		

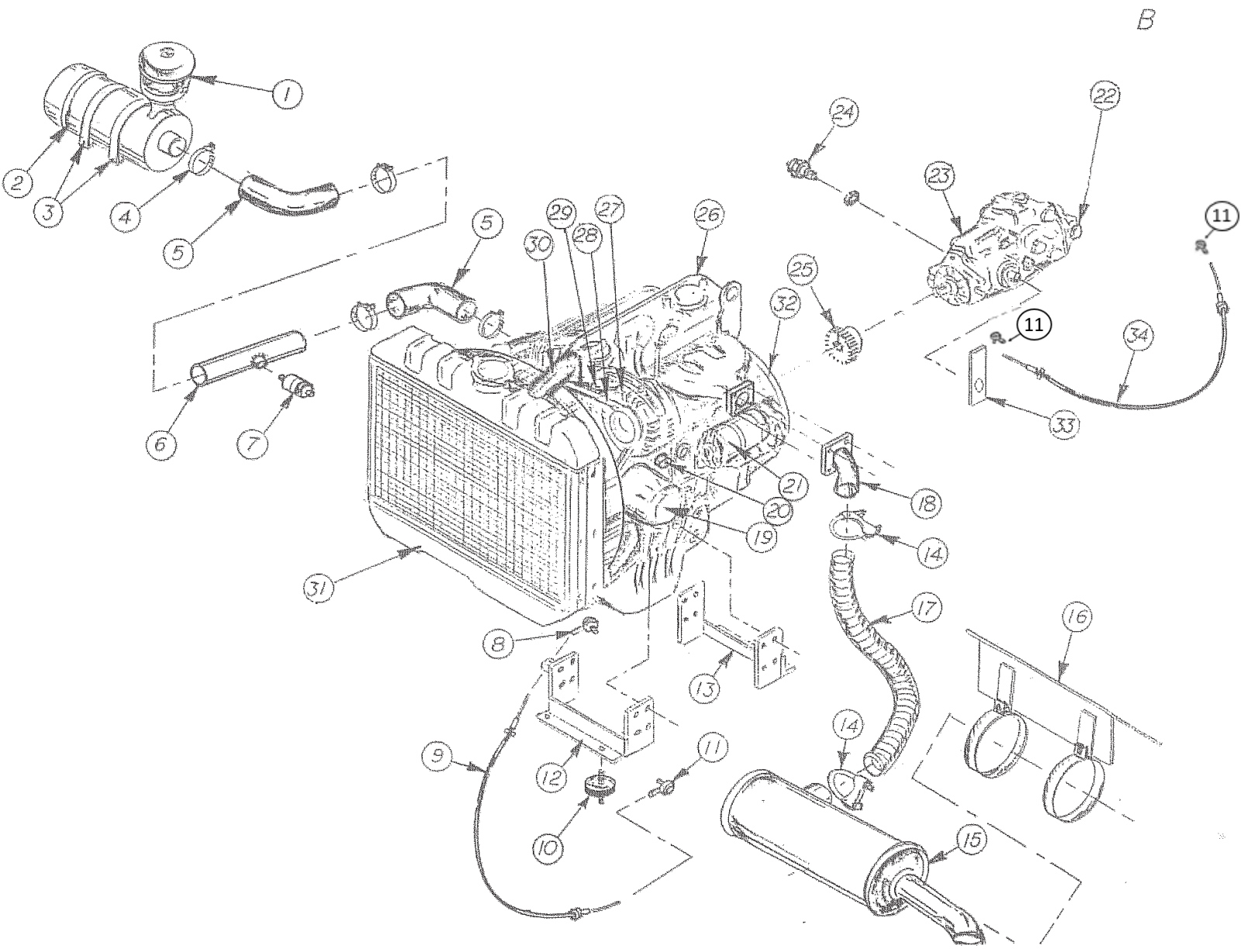


ITEM	PART NUMBER	DESCRIPTION	002959 WHEEL ASSEMBLY: LEFT REAR / FRONT			REV.
1	P750700	RIM: PIONEER #106809				
2	P763001	TUBE: INNER 3000	SCALE:	APPROVED BY:	DRAWN BY	
3	P763000	TIRE: 29 X 12.5 - 15 NHS 8 PR	DATE:		REVISED	
			CHERRINGTON CORPORATION			
						DRAWING NUMBER

ENGINE/PUMP COMPONENTS

REF NO.	PART NO.	DESCRIPTION	QTY
1	P570300	PRE-CLNR: DON #H002042	1
2	P001620	AIR CLNR: DON #FWG042503 (Includes P371380)	1
	P371380	FILTER: AIR, ELMT SD	1
3	P133110	MTG BAND: A/C SD	2
4	P128728	CLAMP: HOSE, SIZE 28	4
5	P269450	HOSE: DAYCO #70924 (ELBOW)	2
6	003344	TUBE, AIR INTAKE WELD	1
7	P297160	GAUGE: IND A/C DON #RAX002351	1
8	P126330	BALL JOINT: 10-32F 5/16M	1
9	P115860	CABLE: PUSH-PULL 60" THROTTLE	1
10	P133020	MT: RUBBER 1/2", 3/8-16 NC	4
11	P126320	BALL JOINT, 10-32F 1/4M	3
12	003226	MOUNT, ENGINE, FRONT	1
13	003223	MOUNT, ENGINE, REAR	1
14	P128920	CLAMP-U: 1-5/8"	2
15	002892	MUFFLER W/TAILOUT	1
16	002885	BRACKET, MUFFLER	1
17*	002889	FLEX TUBE, 1-1/2 X 24 UPDATED P/N: 71.P279110	1
18	003359	EXHAUST ADAPTER	1
19	P371540	FILTER: ENG OIL KUBOTA	1
20	P372100	SENDER: ENG OIL PRES	1
21	P770300	STARTER: KUB	1
22	P555500	PUMP: GEAR PNB11+2.6DSC36	1
23	P556350	PUMP: TRAN OILGEAR PVWC-022	1
24	P298161	SWITCH: NEUTRAL M46	1
25	P370610	CPLG HUB: KUB	1
26	P370600	ENG: KUBOTA D1005E (Includes 19, 21, 25, 27, 28, 30, 31, 32)	1
27	P001830	ALTERNATOR: KUB	1
28	P064000	BELT: FAN/ALT, KUB	1
29	P372700	SENDER: WATER TEMP	1
30	P269210	HOSE: RAD, UPPER	1
	P269200	HOSE: RAD, LOWER	1
	P269400	HOSE: WATER PUMP, LOWER	1
	P269410	HOSE: WATER PUMP, UPPER	1
31	P594000	RADIATOR: KUB	1
32	003405P	F/W HOUSINT/CPLG KIT, SUPER 5 SERIES	1
	P272705	CPLG FLANGE: F/W, SUPER 5 SERIES	1
33	300004	LEVER: TRANS PINTLE SHAFT	1
34	P115848	CABLE: PUSH-PULL 48" PROPEL-SHIFT FWD/REV	1
NOT SHOWN	005336	HARNESS: WIRE, 3000 (RA)	1

ENGINE/PUMP COMPONENTS



SCREEN SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY
1	003669	FLIGHT BLADE 34" STEEL	14
2	002593	FLIGHT MTG. ANGLE, 34"	14
3	003266	CHAIN, #620 CONV 14 CLEAT	2
4	P351700	MTR: OSC, C/L 101-1009	1
5 *	003297	SPROCKET, D5030 X 1" BORE UPDATED P/N: 71.P652300	1
6	003298	CHAIN, #50-2 OSC.	1
7 *	003294	SPROCKET, D50B18 1-7/16 BORE UPDATED P/N: 71.P652300	1
8	002845	KEY, 3/8 X 1.875	2
9	P652021	50-B-21HT 1-7/16" BORE	1
10	003299	CHAIN, #50 CONVEYOR DRIVE	1
11	P652024	50-B-24HT 1" BORE	1
12	P351200	MTR: CONV, C/L 101-1014	1
13	000271M	WEAR STRIP, CONVEYOR	4
14	P003110	BEARING: S/M #MSF-23	2
15	000257W	SPROCKET, 620 12T 1-7/16 BORE	2
16	003268	SHAFT, REAR CONVEYOR	1
	003267	SHAFT ASSY, REAR CONVEYOR (Includes 14, 15, 16, & (2) 000328M, KEY, CONV. SHAFT)	1
17	003281	BRKT, BEARING, CONVEYOR ADJ.	1
18	003271	BRKT, CONVEYOR MOTOR	1
19	003591	CONVEYOR SUPPORT, SD	1
20	003283	BEARING 1-7/16 TAK MILLED	2
21	003285	BEARING, NP-32R3C MILLED	2
22	P003130	BEARING: S/M #SFT-32R3C	2
23	003393	SHAFT ASSY, OSC SUB	1
	003394	SHAFT ASSY, OSC (Includes 20, 21, 22, & 23)	1
24	P098810	HEX BOLT: 1/2" X 2-1/2" GR.5 FULL	2
25	003680	SCREEN, 1/2" OPEN	1
	003814	SCREEN, 1" OPEN, SD	1
	003681	SCREEN, 5/8" OPEN	1
	005250	SCREEN, 3/8" WOVEN (optional)	1
26	004346	SCREEN FRAME WELD, SD	1
27	002584	SPACER, DIGGER CYL	2
28	003103	BRKT, DIGGER CYL (Rear)	2
29	002585	BRKT, DIGGER CYL (Front)	2
30	P126820	BUSHING: RUBBER	4
31 *	003210	CYL, DIGGER, SD	2
32	003588	CONVEYOR HOLD DOWN ASSY, LH	1
	003587	CONVEYOR HOLD DOWN ASSY, RH (not shown)	1
33 *	002573	DIGGER POINT, SD	1
34	P015110	BEARING: FAF TCJT 1-7/16 (RA)	2
35	002564	SHAFT, FRONT CONVEYOR	1
	002565	SHAFT ASSY, FRONT CONVEYOR (Includes 15, 35, & (2) 000328M KEY, CONVEYOR SHAFT)	1

*OPTIONAL SOLID DIGGER POINT P/N 71.005363

*SEAL KIT 71.P259090 USED ON CYLINDER 003210

SCREEN SYSTEM

MOUNTING HARDWARE ITEMS

#13 WEAR STRIP 71.000271M (QTY. 4)

71.P103504 SOCKET HD CAP SCREW 5/16-18 X 1 (QTY. 8)
71.P150500 HEX NUT 5/16-18 GR5 (QTY. 8)
71.P851105 LOCK WASHER 5/16 (QTY. 8)

#33 DIGGER POINT / CUTTING EDGE (QTY. 1)

71.002573 SLOTTED STYLE
71.005363 SOLID STYLE (OPTIONAL)

71.P100605 HEX BOLT 3/8-16 X 1-1/4 GR. 5 (QTY. 8)
71.P851106 LOCK WASHER 3/8 (QTY. 8)
71.P150600 HEX NUT 3/8-16 GR. 5 (QTY. 8)

#1 FLIGHT BLADE 71.003669 (QTY. 14)

#2 FLIGHT ANGLE 71.002593 (QTY. 14)

** QTY. REQUIRED PER FLIGHT ASSEMBLY

71.P100604 HEX BOLT 3/8-16 X 1 GR 5 (QTY. 3)
71.P100605 HEX BOLT 3/8-16 X 1-1/4 GR 5 (QTY. 2)
71.P851106 LOCK WASHER 3/8 (QTY. 5)
71.P155450 TOP LOCK HEX NUT 3/8-16 GR. 5 (QTY. 5)

#12 CONVEYOR MOTOR MOUNTING HARDWARE:

71.P100604 HEX BOLT 3/8-16 X 1 GR 5 (QTY 4)
71.P850106 FLAT WASHER 3/8 (QTY 4)
71.P851106 LOCK WASHER 3/8 (QTY 4)

#28 REAR CYLINDER MOUNT 003103

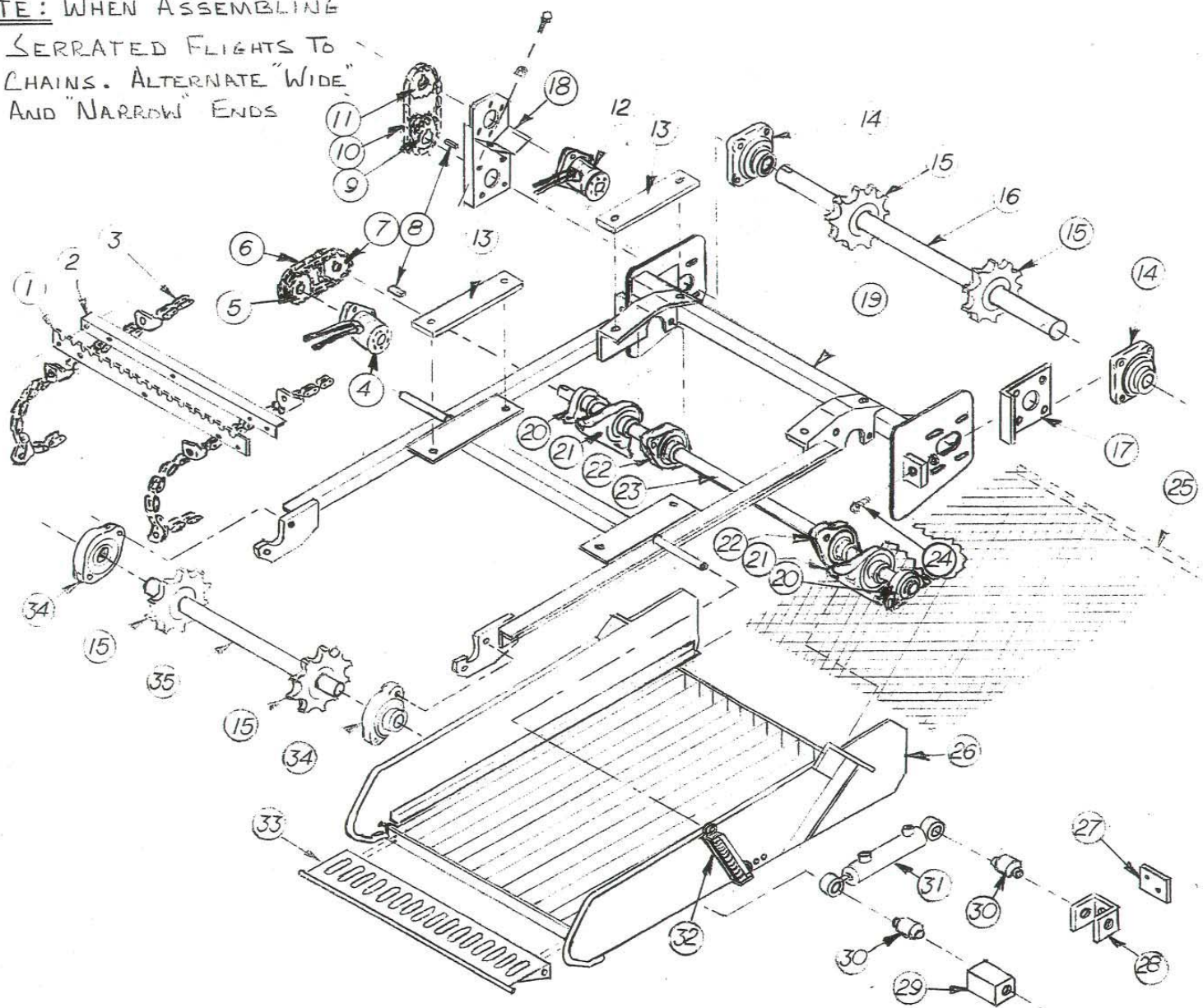
71.P100605 HEX BOLT 3/8-16 X 1-1/4 GR 5 (QTY 2 PER SIDE)
71.P851106 LOCK WASHER 3/8 (QTY 2 PER SIDE)
71.P155450 LOCK NUT 3/8-16 (QTY 2 PER SIDE)

#29 FRONT CYLINDER MOUNT 002585

71.P100818 HEX BOLT 1/2-13 X 4-1/2 GR 5 (QTY 1 PER SIDE)
71.P851108 LOCK WASHER 1/2 (QTY 1 PER SIDE)
71.P155850 LOCK NUT 1/2-13 (QTY 1 PER SIDE)

NOTE: WHEN ASSEMBLING

SERRATED FLIGHTS TO
CHAINS. ALTERNATE "WIDE"
AND "NARROW" ENDS



C

SCREEN SYSTEM

HOPPER SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY
1	002859	CYLINDER, HOIST	2
2	P118010	CLEVIS PIN CLIP	6
3	P120850	CLEVIS PIN: 1"	3
4	004880	CYLINDER, HOPPER 3000	1
5	002523	PIN, ROLLOVER CYLINDER	1
6	002511	PIN, BOOM PIVOT-LG	1
7	003023	CRANK, HOPPER SD	1
8	003129	GUARD, ROLLOVER CHAIN	1
9	002659	TURNBUCKLE ASSY	2
10	002658	CHAIN, ROLLOVER	2
11	002516	PIN, BOOM/PIVOT/SPROCKET	1
12	003030	BOOM, WELD, SD	1
13	002512	PIN, BOOM PIVOT, SHORT	2
14	002534	HOPPER	1
15	002676	WEAR STRIP, HOPPER	2
16	P630200	CONNECTING LINK: #60	4

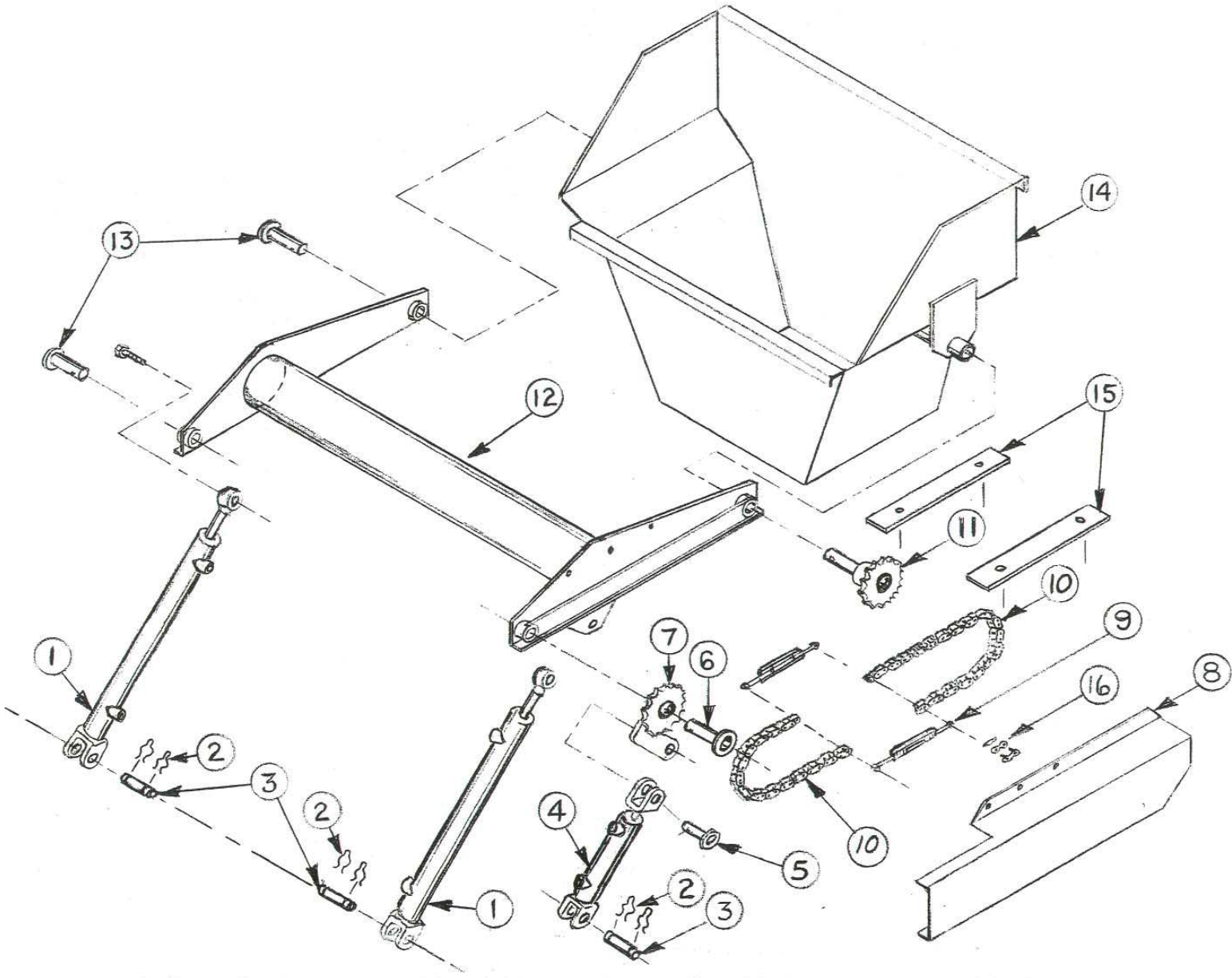
Additional reference numbers:

P298100 Hoist Lockout Switch - MOUNTED ON LEFT CYLINDER

P298155 Hopper Switch (on/off) - MOUNTED ON RIGHT SIDE HOPPER BOOM

HOPPER SYSTEM

D

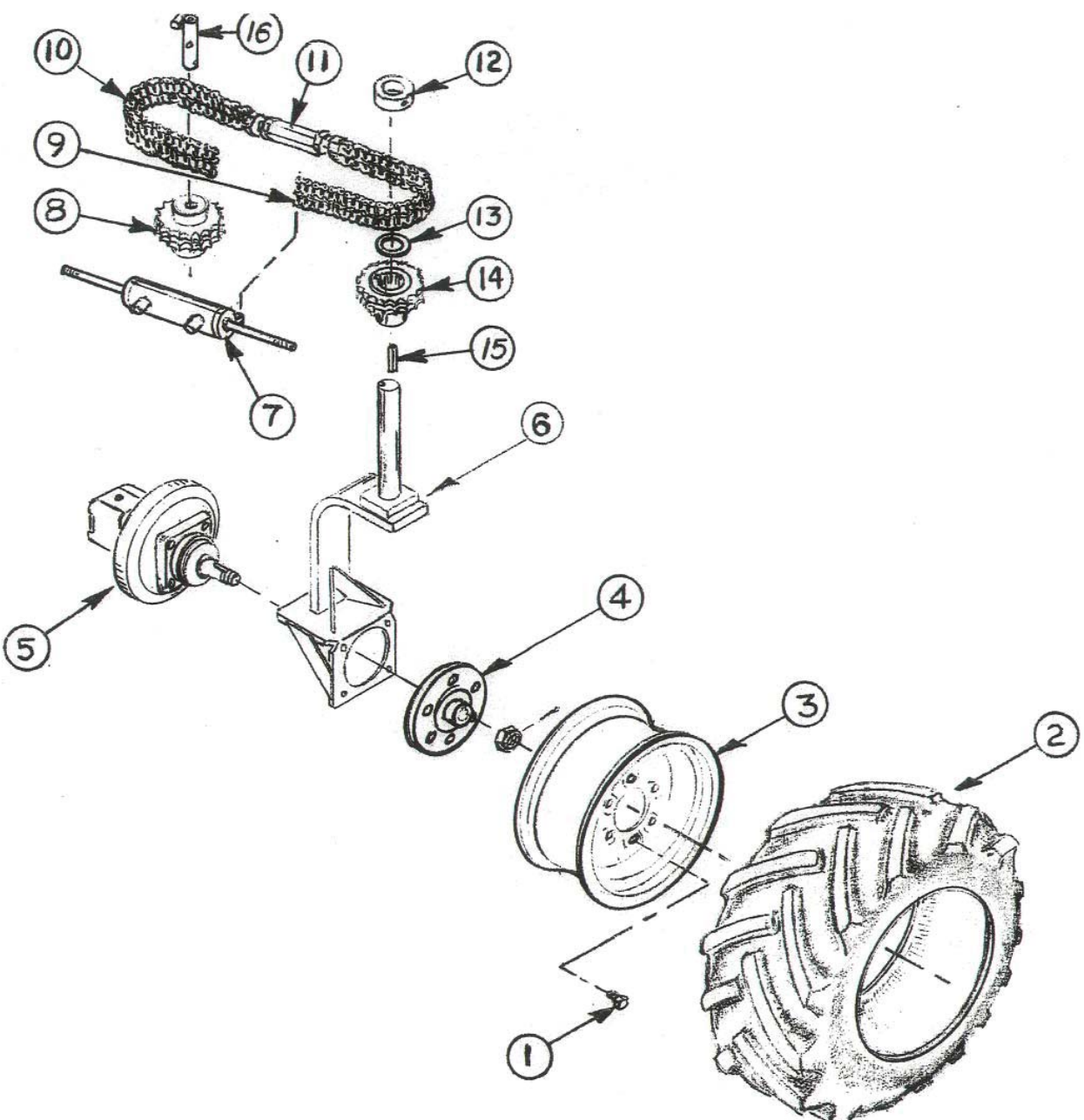


STEERING COMPONENTS

REF NO.	PART NO.	DESCRIPTION	QTY
1	P768100	WHEEL NUT: 9/16-18	18/machine
2	P763000	TIRE: SD	3/machine
3	002647	RIM (10 X 15)	3/machine
	002959	WHEEL ASSY (29 X 12.5-15) R (Includes 2 & 3, see overall view)	2/machine
4	005334	WHEEL HUB, 6 STUD	3/machine
5	P355500	MTR: WHL/BRK, WHI HB1844 <i>Seal Kit: P355501</i>	1
6	004308	FORK, FRONT SD	1
7	003107	CYL, STEERING, (2491)	1
8	002588	SPROCKET, STEERING IDLER	1
9	002831	CHAIN, STEERING, 16SB	1
10	002864	CHAIN, STEERING, 15SB	1
11	002827	TURNBUCKLE ASSY, STEERING	1
12	000013M	COLLAR, FORK 2"	1
13	000006M	WASHER, FORK	1
14	002587	SPROCKET, STEERING DRIVE	1
15	002845	KEY, 3/8 X 1.875	1
16	003025	PIN, STEERING IDLER	1

STEERING COMPONENTS

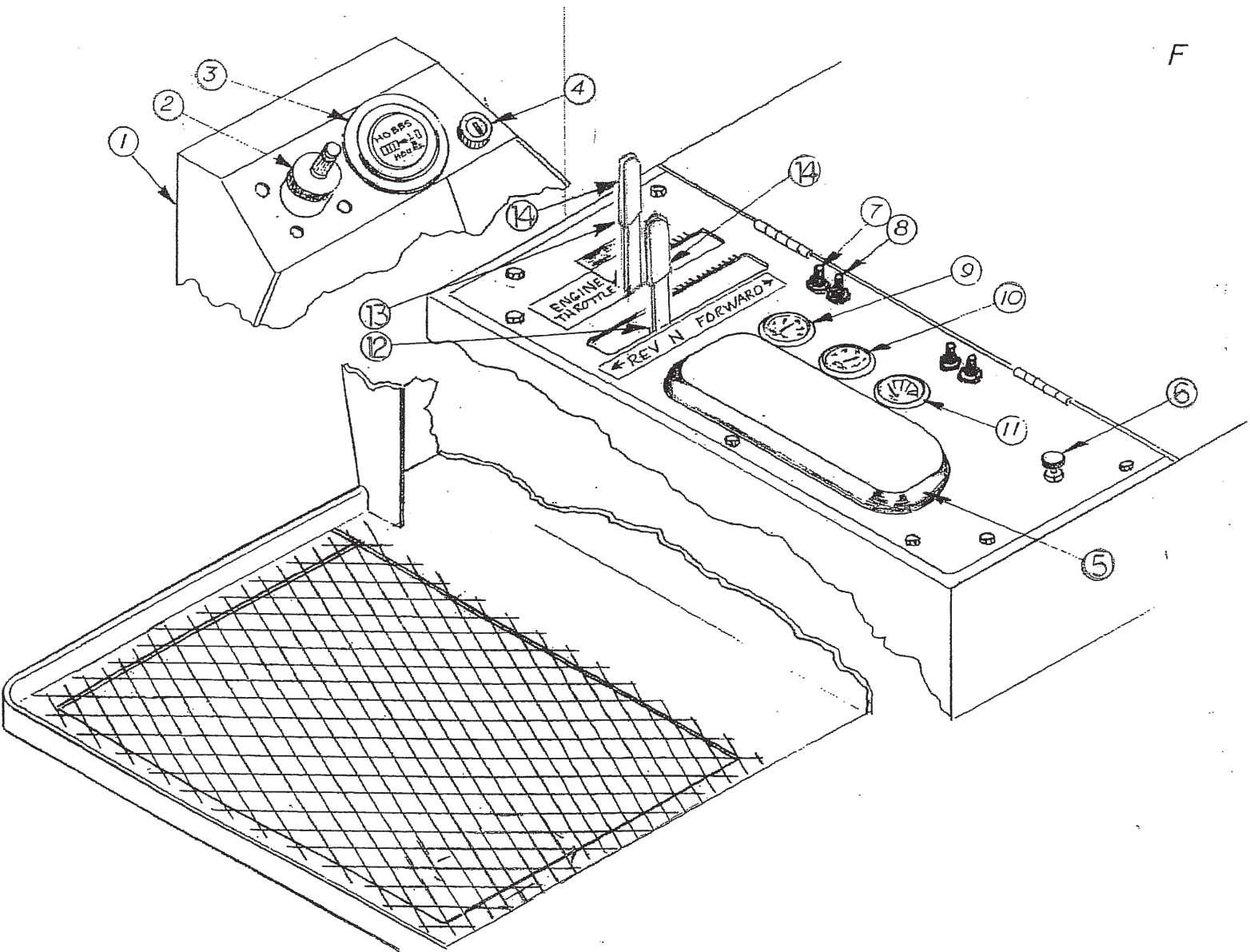
E



OPERATORS CONTROLS

REF NO.	PART NO.	DESCRIPTION	QTY
1	002651	MOTOR, POWER STEERING, 1034 (not shown)	1
2	P768510	STEERING COLUMN: C/L 204-1002	1
3	P297140	GAUGE: HOURMETER	1
4	P298120	SWITCH: IGN (KUBOTA) – (Includes P307000)	1
	P307000	KEY SET: IGN (KUBOTA)	
5	P001500	ARMREST: RH	1
6	P294300	VALVE: NEEDLE NVG	1
7	P298175	SWITCH: TOGGLE DPDT	3
8	P298180	SWITCH: TOGGLE DPDT DETENT	1
9	P297290	GAUGE: WATER TEMP	1
10	P297210	GAUGE: OIL PRESSURE	1
11	P297280	GAUGE: VOLTMETER	1
12	300017	LEVER: TRANSMISSION CONTROL	1
13	300018	LEVER: THROTTLE CONTROL	1
14	P115970	CAP: VINYL, 3/8" ID X 4"	2

OPERATORS CONTROLS



FUEL SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY
2	P297110	GAUGE: FUEL LEVEL	1
3	300074	TANK, FUEL, ASSY 3000	1
4	P267140	FITTING: 4MP 5FP BRASS ADAPTER	3
5	R99000703	HOSE: FUEL LINE, 5/16" ID (SPECIFY LENGTH WHEN ORDERING)	
6	R99000701	HOSE: FUEL LINE, 3/16" ID (SPECIFY LENGTH WHEN ORDERING)	
7	P267310	FITTING: 4MP 2FP REDUCER	1
8	P267120	FITTING: 2MP 3FP BRASS ADAPTER	1
9	P371660	FILTER: FUEL/SEP ASSY RACOR	1
9B	P371630	FILTER: FUEL, ELMT RACOR	1
9C	P371200	FILTER BOWL W/PLUG RACOR	1
10	P267815	FITTING: 4MP 4FPX ADAPTER	1

* NOT SHOWN 71.P610000 FUEL CAP

Additional reference:

P240410 Fuel Solenoid

(When ordering Fuel Solenoid, also order Gasket P296740)

G



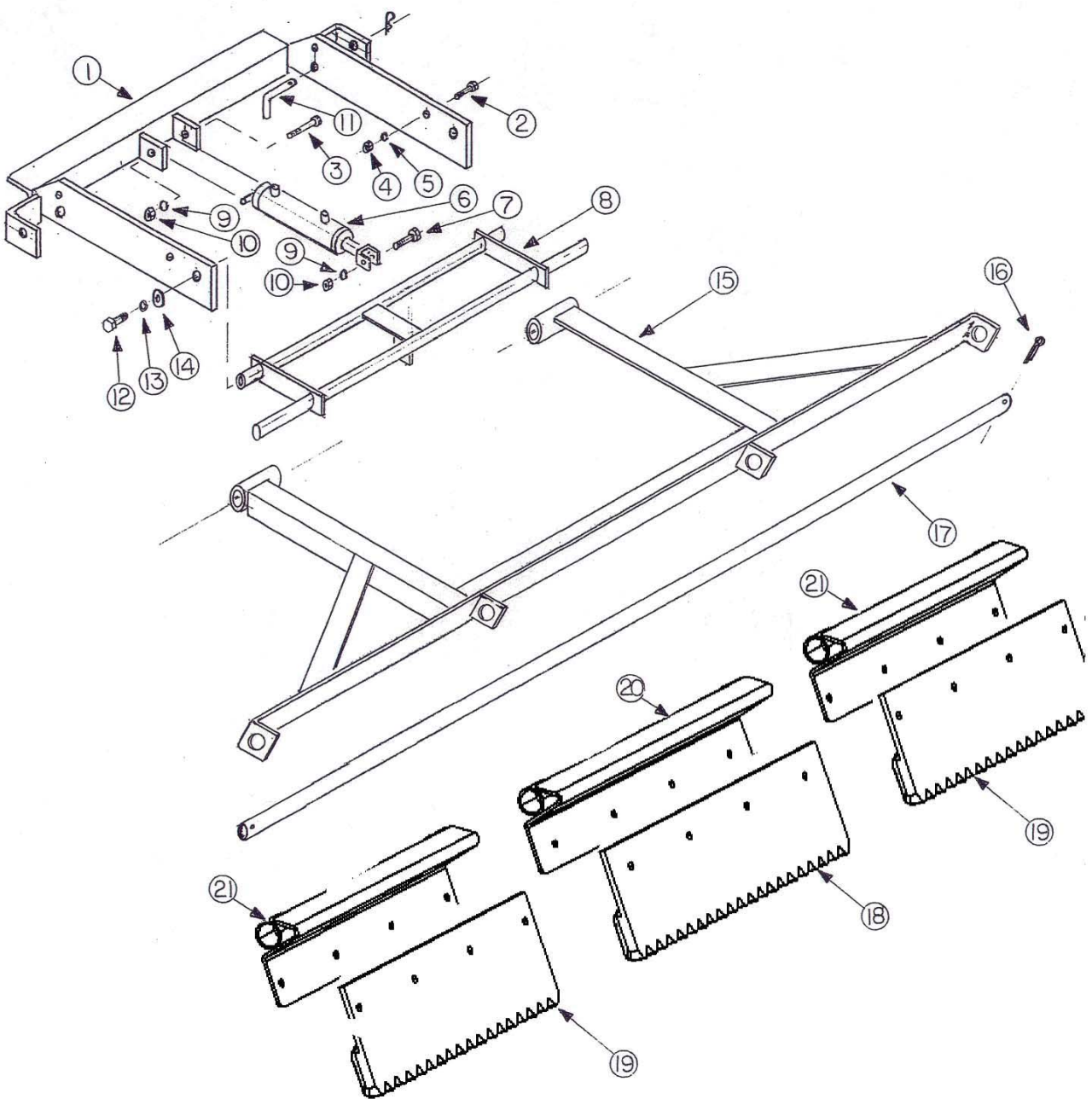
GROOMER ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	QTY
1	004318	BRACKET, GROOMER MTG	1
2	P100606	BOLT: 3/8-16 NC X 1-1/2"	4
3	P100814	BOLT: 1/2-13 NC X 3-1/2"	1
4	P155450	NUT: 3/8" TOP-LOCK	4
5	P851106	WASHER: LOCK 3/8"	4
6*	P256200	CYL: 1-1/2 B X 4 S REPLACED WITH 71.P259150	1
7	P100807	HEX BOLT: 1/2" X 1-3/4"	1
8	004334	LIFT, GROOMER	1
9	P851108	WASHER: LOCK 1/2"	2
10	P155850	NUT: 1/2" TOP-LOCK	2
11	P121200	BENT HITCH PIN: 3/4" X 3-1/2"	2
12	P101004	BOLT: 5/8-11 NC X 1	2
13	P851110	WASHER: LOCK 5/8"	2
14	P850110	WASHER: FLAT ZINC 5/8"	2
15	004323	GROOMER WELD	1
16	P116308	COTTER PIN: 3/16" X 2"	2
17	004333	PIPE, SPRING MT	1
18	005352	COMB: GROOMER, CENTER	1
19	005353	COMB: GROOMER, OUTSIDE	2
20	005354	BRACKET: GROOMER, COMB CENTER	1
21	005355	BRACKET: GROOMER, COMB OUTSIDE	2

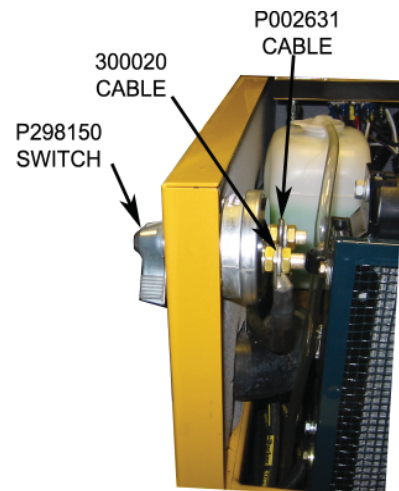
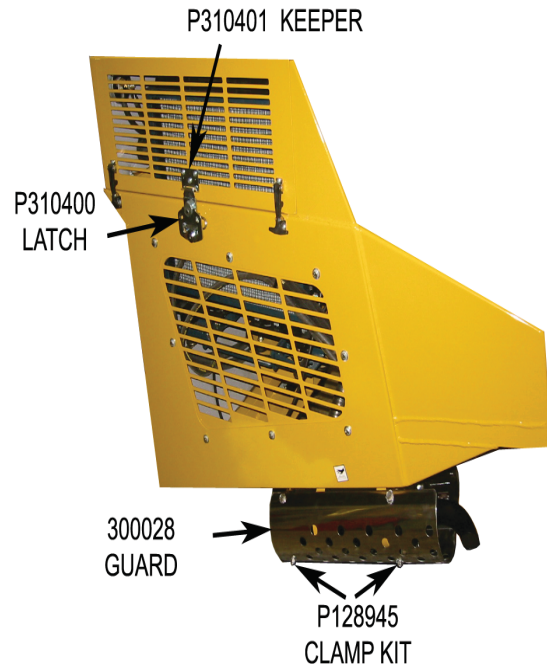
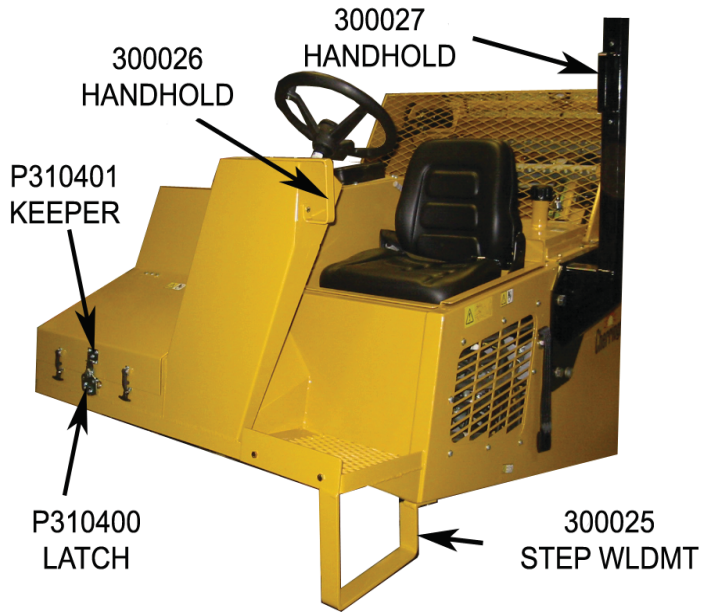
*NOT SHOWN: GROOMER / FINISHER PAD MOUNTING HARDWARE

Qty	Part Number	Description
12	71.P100504	HEX BOLT: 5/16 X 1
12	71.P851105	LOCK WASHER: 5/16
12	71.P850105	FLAT WASHER: 5/16
12	71.P150500	HEX NUT: 5/16

GROOMER ASSEMBLY

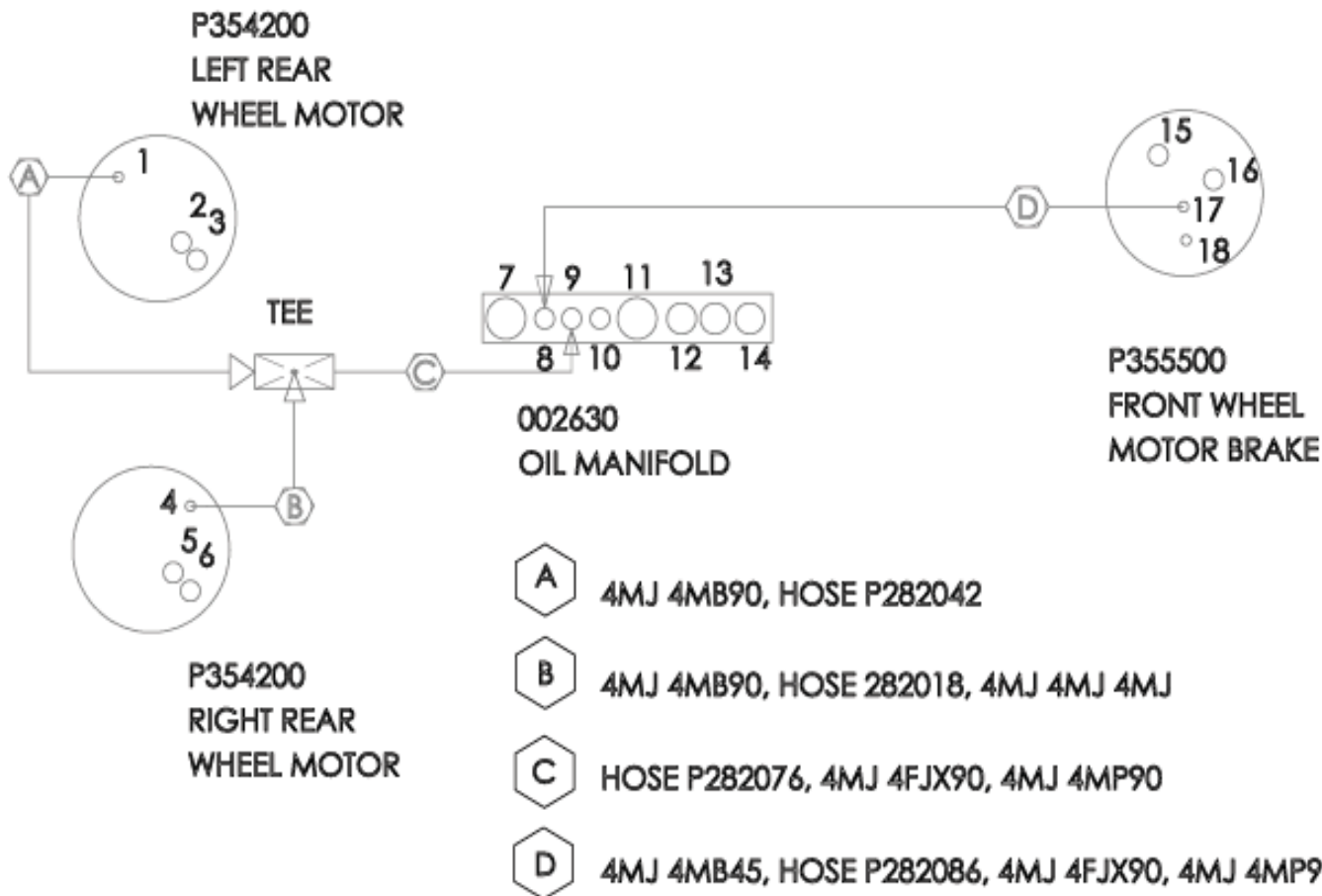


OPTIONAL CE COMPONENTS



P280301 HYDRAULIC DIAGRAM 3000

PART NO.
P280301

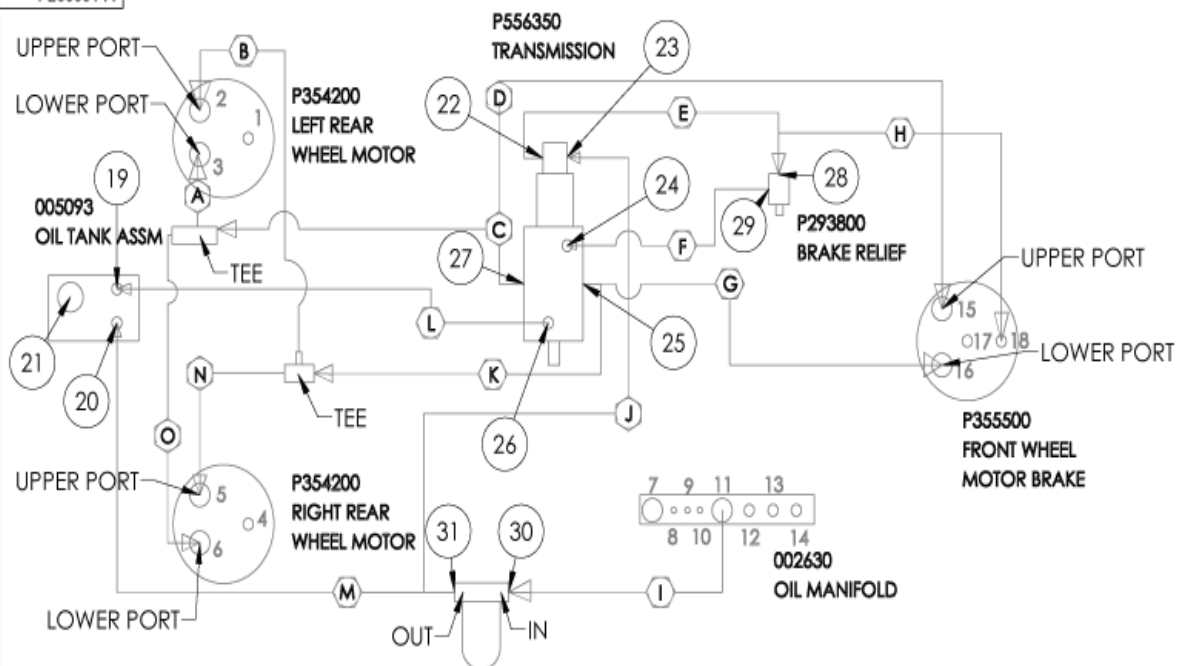


		P.O. BOX 2135 JAMESTOWN, ND 58402		
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	<u>UNLESS OTHERWISE NOTED</u>		
DATE 03/12/2009		TOLERANCES ON		
DO NOT SCALE		DECIMALS	FRACTIONS	ANGLES
		.XX±.060	±1/32	±1°
		.XXX±.030		
TITLE SHEET 1 - CASE DRAIN		PART NO. P280301		



P280301 HYDRAULIC DIAGRAM 3000

PART NO.
P280301-A



A HOSE P284013, 8MJ 10MB45

B HOSE P284013, 8MJ 10MB45

C P284060, 8MJ 8MJ 8MJ

D 10MJ 8MB, 10MJ 10FJX 10MJ, HOSE P284994, 8MJ 10MB90

E 6MJ 6MB90, HOSE P283018, 6MJ 6FJX 6MJ, 6MJ 6MB90

F 6MJ 6MB45, HOSE P283027, 6MJ 8MB90

G 10MJ 8MB, 10MJ 10FJX 10MJ, HOSE P284994, 8MJ 10MB90LL

P371820
HYD FILTER

H HOSE P282619, 4MJ 4FJX90, 4MJ 4MB LONG

I 12MJ 12MP90, HOSE P286034, 12MJ 16MB90

J 12FJ 8MJ, HOSE P284932, 8MJ 8MB90

K HOSE P284060, 8MJ 8MJ 8MJ

L 6MJ 8MB45, HOSE P283090, 6MJ 6MP90

M 12MJ 16MB90, 12MJ 12FJX 12MJ, HOSE P286082, 12MJ 16MP90

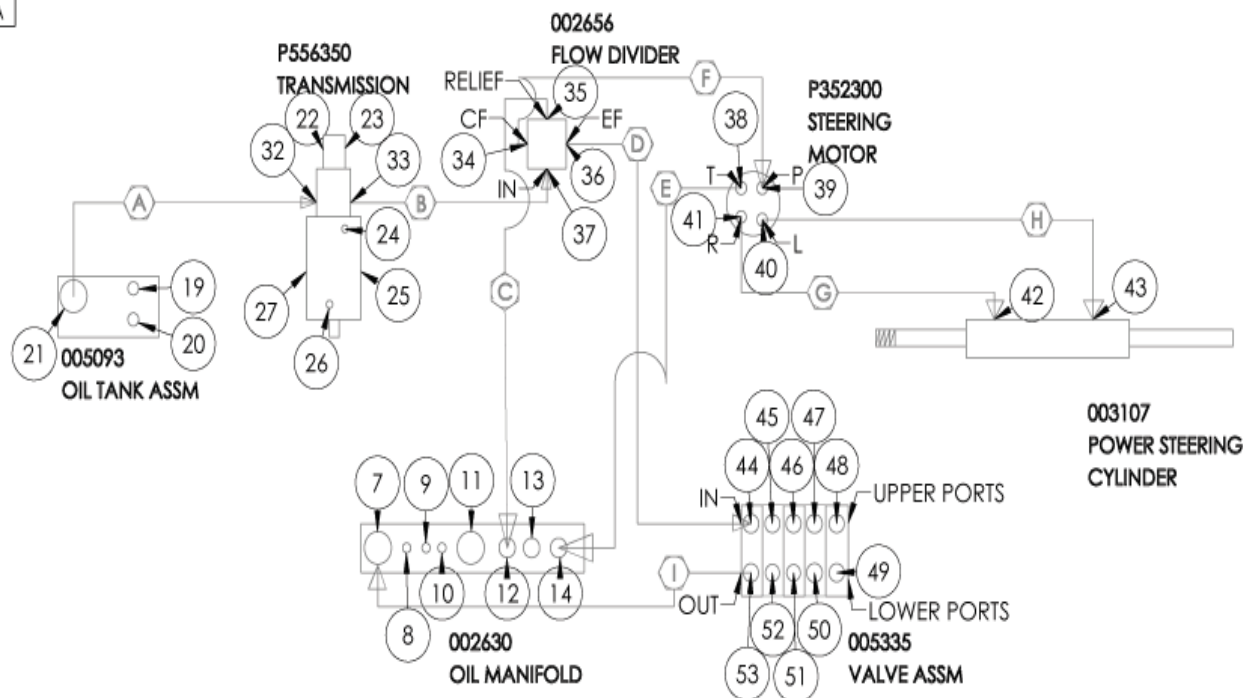
N HOSE P284039, 8MJ 10MB45

O HOSE P284038, 8MJ 10MB45

		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED	
DATE 03/13/2009	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	DECIMALS .XX±.060	FRACTIONS ±1/32
DO NOT SCALE		ANGLES ±1°	
TITLE SHEET 2 MOTOR CIRCUIT	PART NO. P280301-A		

P280301 HYDRAULIC DIAGRAM 3000

PART NO.
P280301-A



A 20MJ 20MP90, HOSE P289059, 16MJ 12MB45

B 12MJ 10MB90, HOSE P286039, 12MJ 12MP90

C 6MJ 6MP90, HOSE P283021, 6MJ 6MP

D 8MJ 12MP90, HOSE P284927, 8MJ 10MB

E 6MJ 6MB45, HOSE P283073, 6MJ 6MP90

F 6MJ 6MP90, HOSE P283073, 6MJ 6MB45

G 6MJ 6MB45, HOSE P283037, 6MJ 6MP45

H 6MJ 6MB45, P283052, 6MJ 6MP90

I 8MJ 10MB90, HOSE P284042, 8MJ 12MP90

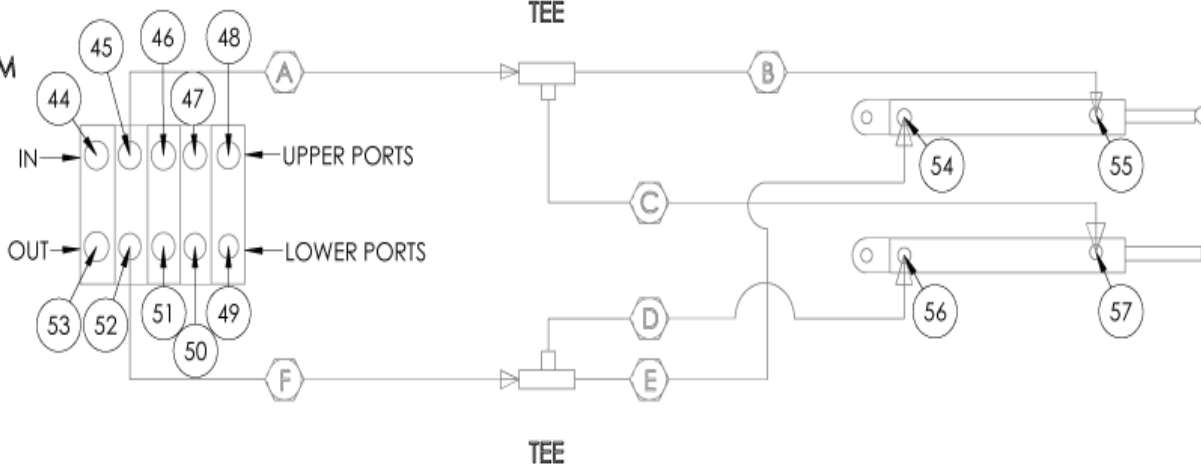
		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED	
DATE 03/16/2009	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	DECIMALS .XX±.060	FRACTIONS ± 1/32
DO NOT SCALE		ANGLES ± 1°	
TITLE SHEET 3 (POWER STEERING CIR.)	PART NO. P280301-A		



P280301 HYDRAULIC DIAGRAM 3000

PART NO.
P280301-A

005335
VALVE ASSM



A 8MJ 8MB, 8MJ 8FJX45, HOSE P284062, 8MJ 8MJ 8MJ

B HOSE P283079, 6MJ 8MP90

C HOSE P283939, 6MJ 8MP90

D HOSE P283920, 6MJ 8MP90

E HOSE P283859, 6MJ 8MP90

F 8MJ 8MB45, HOSE P284062, 8MJ 8MJ 8MJ

002859 RIGHT
HOIST CYLINDER

002859 LEFT
HOIST CYLINDER

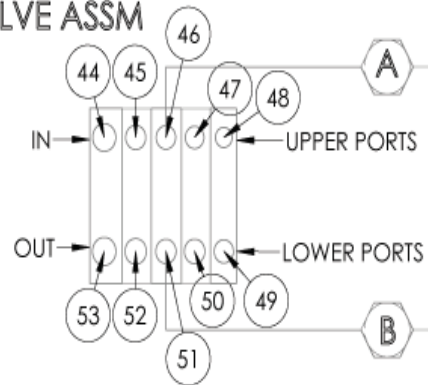
		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED	
DATE 03/16/2009	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	DECIMALS .XX±.060	FRACTIONS ± 1/32
DO NOT SCALE		ANGLES ± 1°	
TITLE SHEET 4 (HOIST CIRCUIT)	PART NO. P280301-A		



PART NO.
P280301-A

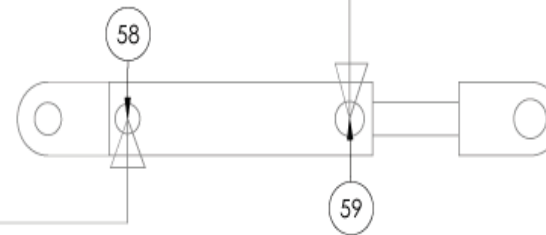
005335

VALVE ASSM



004880

HOPPER CYLINDER



6MJ 8MB, 6MJ 6FJX45, HOSE P283109, 6MJ 4MP90



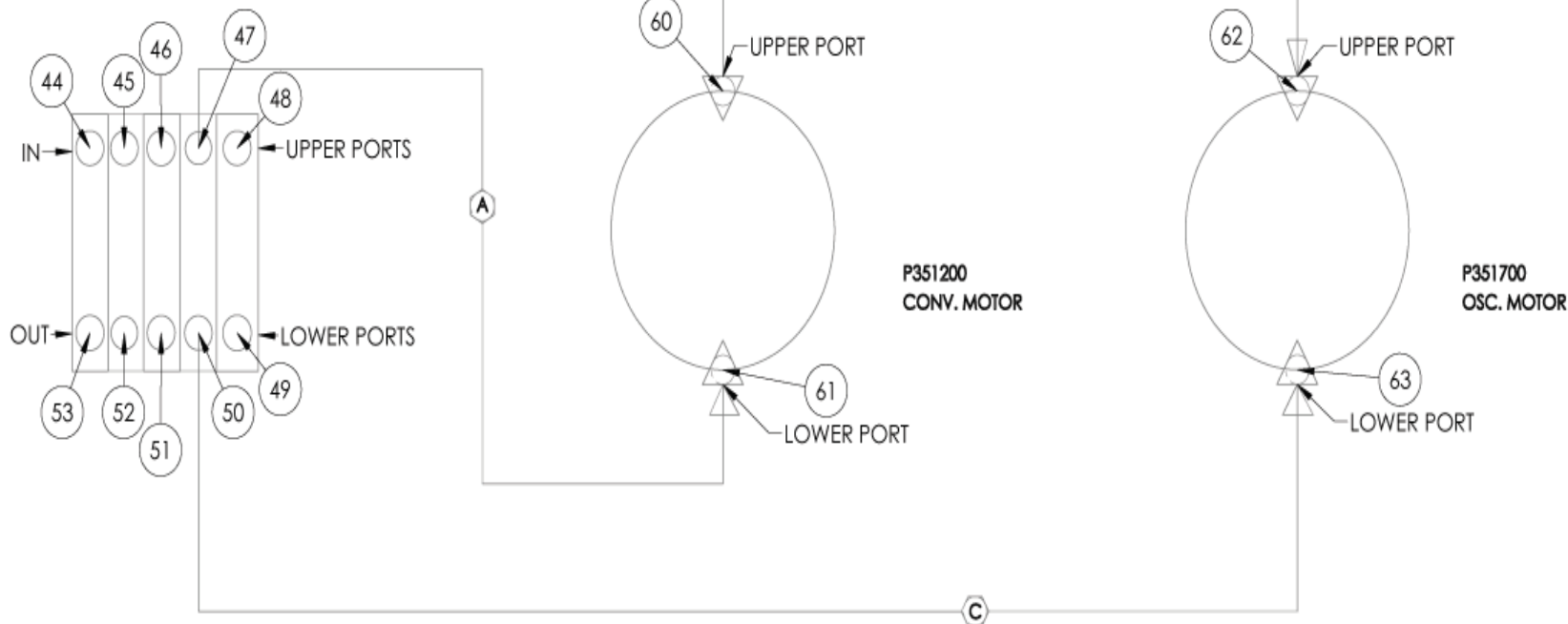
6MJ 8MB.045, HOSE P283102, 6MJ 4MP90

		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED	
DATE 03/16/2009	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	DECIMALS	FRACTIONS
DO NOT SCALE		.XX±.060	±1/32
		.XXX±.030	±1°
TITLE SHEET 5 (HOPPER CIRCUIT)	PART NO. P280301-A		

P280301 HYDRAULIC DIAGRAM 3000

PART NO.
P280301-A

005335
VALVE ASSM



A 8MJ 8MB, 8 MJ 8FJX45, HOSE P284091, 8MJ 10MB

B 8 MJ 10 MB, HOSE P284420, 8MJ 10MB45

C 8MJ 8MB45, HOSE P284474, 8MJ 10MB45

		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED	
DATE 03/16/2009	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	TOLERANCES ON	
DO NOT SCALE		DECIMALS	FRACTIONS ANGLES
		.XX±.060	± 1/32 ± 1°
		.XXX±.030	



P280301 HYDRAULIC DIAGRAM 3000

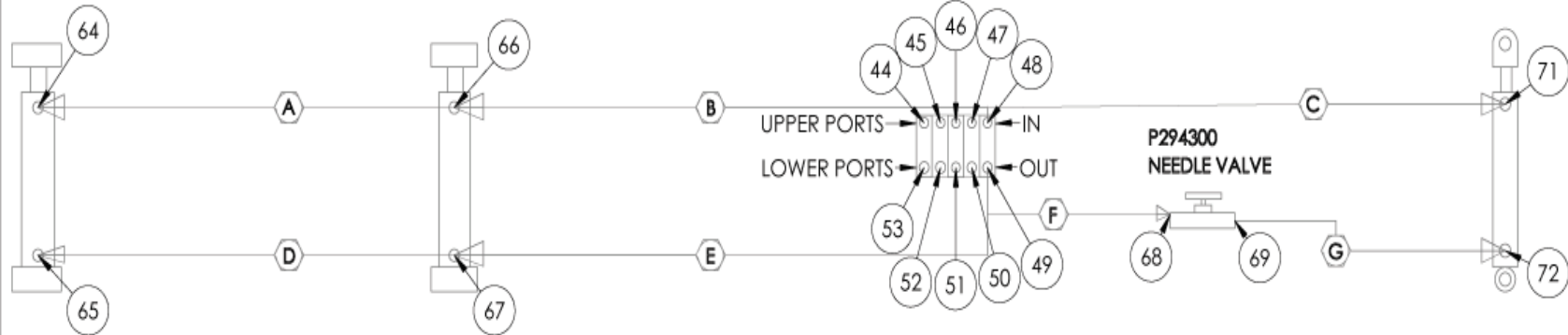
PART NO.
P280301-A

003210 LEFT
DIGGER CYLINDER

003210 RIGHT
DIGGER CYLINDER

005335
VALVE ASSM

P259150
GROOMER CYLINDER



A HOSE P283859, 6MJ 8MP90

B 8MJ 8MB, 8MJ 8FJX45, 8MJ 8FJX 8MJ, HOSE P284486, 8MJ 8MP 8MJ

C 8FJ 4MJ, HOSE P282926, 4MJ 4MP90

D HOSE P283045, 6MJ 8MP90

E 8MJ 8MB45, 8MJ 8FJX 8MJ, HOSE P284486, 8MJ 8MP 8MJ

F 8FJ 4MJ, HOSE P282930, 4MJ 4MP90

G 4MJ 4MP90, HOSE P282119, 4MJ 4MP90

		P.O. BOX 2135 JAMESTOWN, ND 58402	
DRAWN BY TPG	PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE NOTED	
DATE 03/17/2009	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHERRINGTON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHERRINGTON IS PROHIBITED.	TOLERANCES ON	
DO NOT SCALE		DECIMALS	FRACTIONS ANGLES
		.XX±.060	± 1/32 ± 1°
		.XXX±.030	
TITLE SHEET 7 (DIGGER CIRCUIT)		PART NO. P280301-A	

308B620

40



ELECTRICAL DIAGRAM

