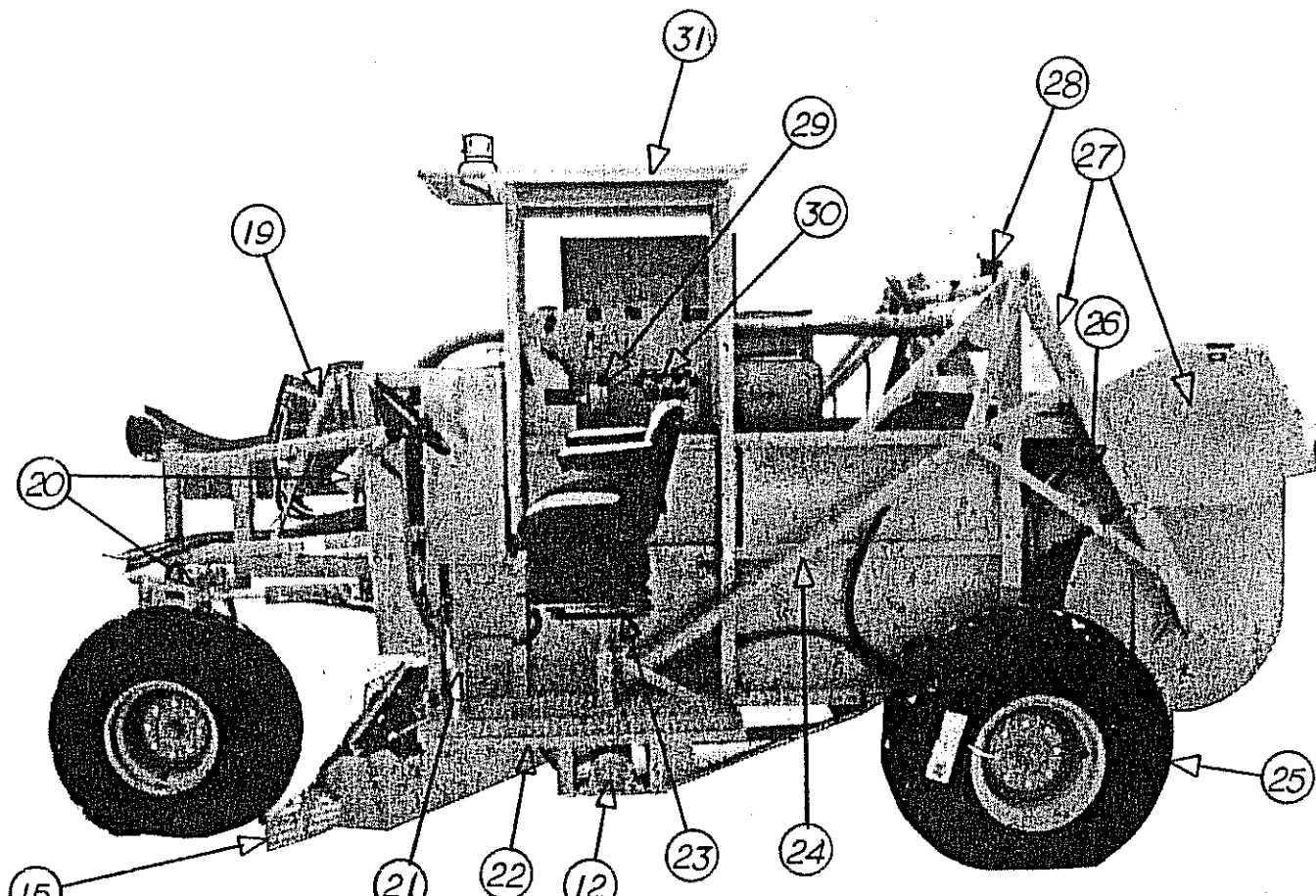
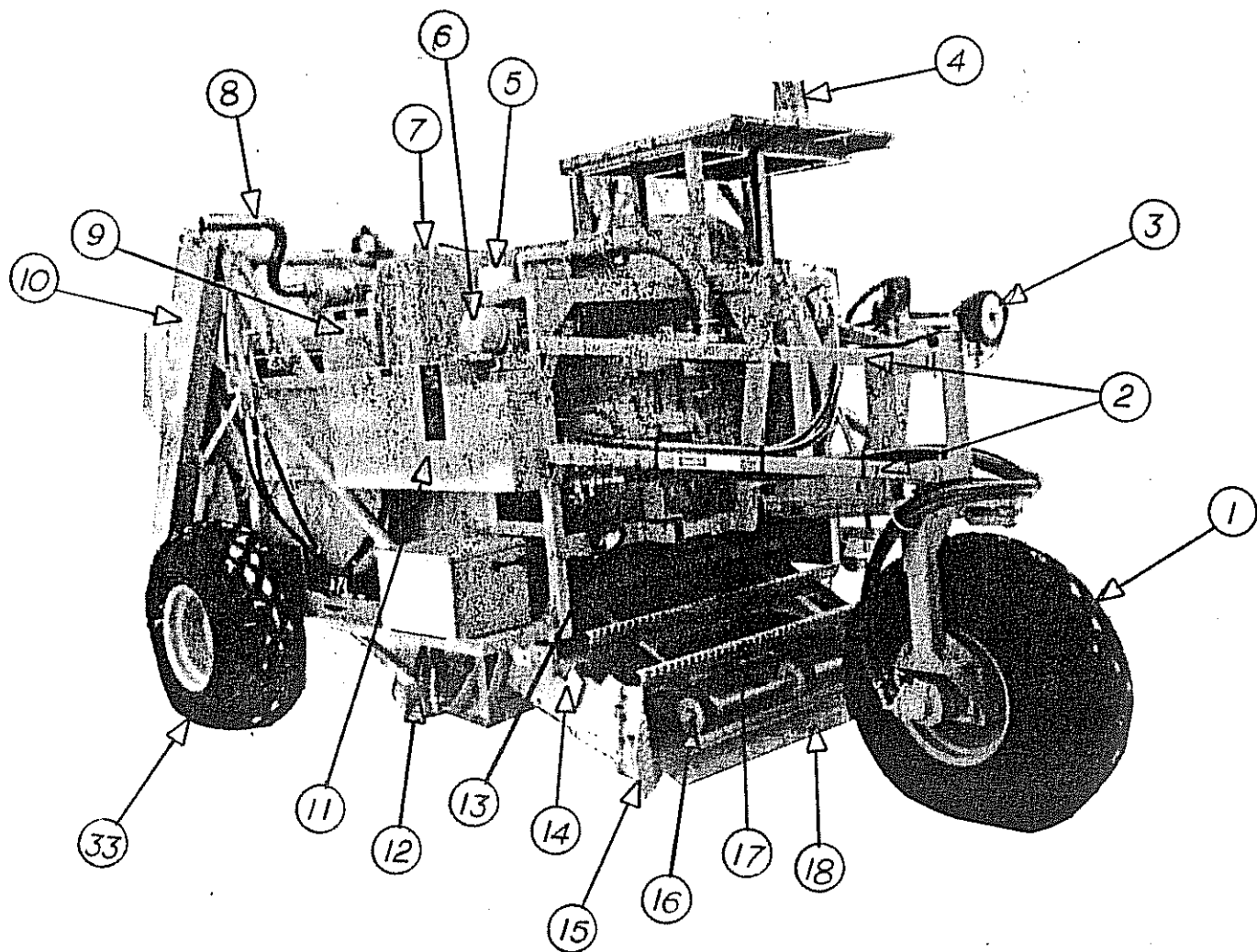


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Cherrington Beachcleaner

PARTS LIST

CHERRINGTON CORPORATION
P.O. BOX A
FAIRFAX, MN 55332
PHONE 507-426-7261
FAX 507-426-7263



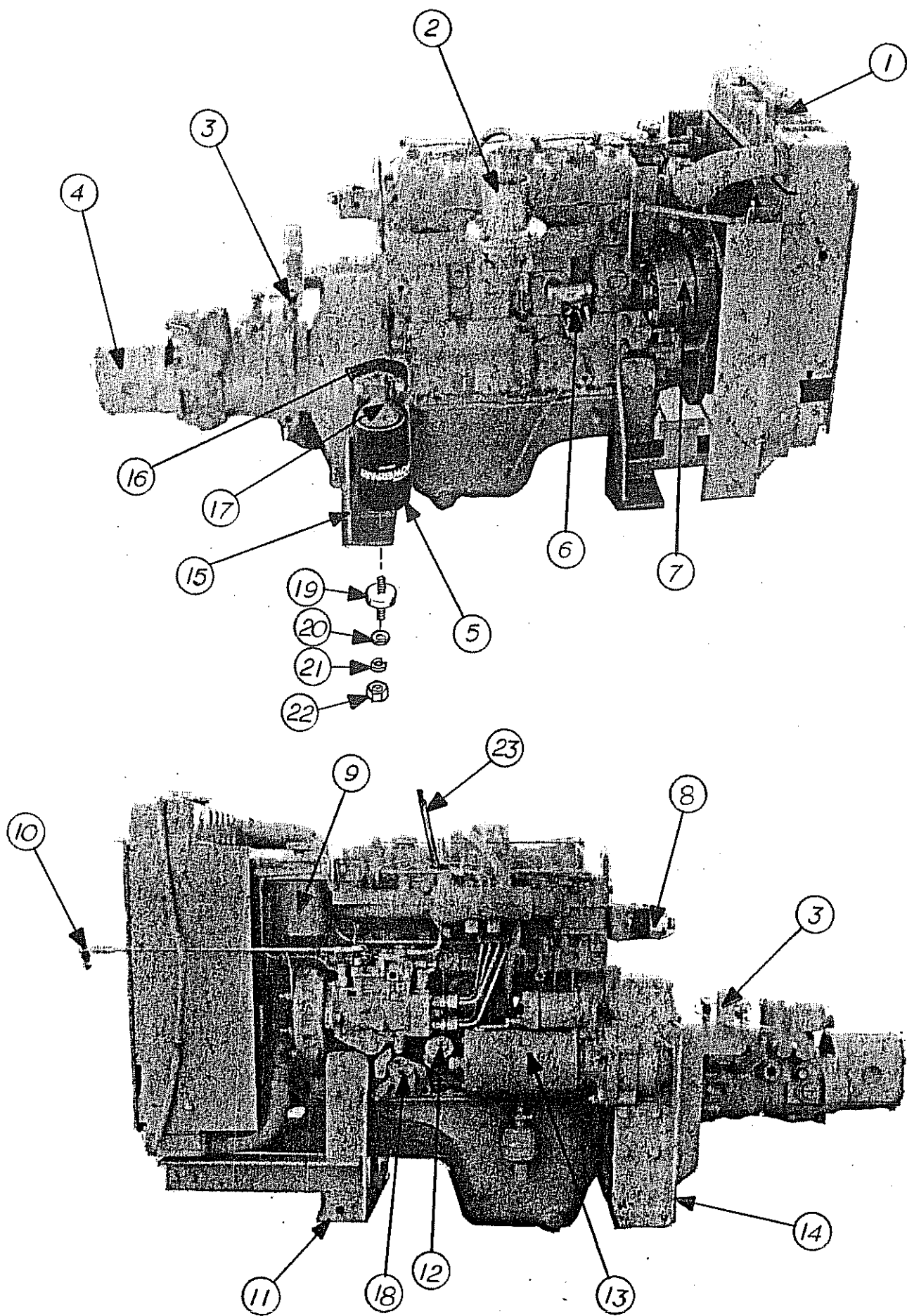
PARTS LIST

BEACHCLEANER OVERALL LEGEND

Part No./			
Ref No.	Page No.	Description	Qty.
1	K	Wheel Assembly, (Front)	1
2	000587W	Stabilizer Arm Wld	4
	000622M	Spacer, Stabilizer 2-9/16	4
	000876P	Zerk, 1/8 NPT Spin-Drive	4
3	000443P	Light, Head	1
4	002392P	Light, Strobe	1
5	000180P	Filter, Hyd. Head & Element	1
	000177P	Indicator, Low Pres, Hyd Fltr	1
	000183P	Filter, Hyd.-Repl. Element	
	000180P	Filter, Hyd, Head & Element	1
	000175P	Indicator, Vacuum, Hyd Fltr	1
	000183P	Filter, Hyd.-Repl. Element	
6	D	Air Cleaner	
7	U	Oil Tank	
8	F	Exhaust System	
9	G	Fuel System	
10	T	Rollover Mechanism	
11	000158W	Manifold Wld, Hyd Oil	1
	002132	Valve, 4 GPM Priority	1
12	N	Oscillator Mechanism	
13	000090P	Light, Working	3
14	P	Front Conv. Support Assy	
15	002439P	Sweep Set, B/A 1" SLT, 2" TU	*
16	Q	Front Conveyor Shaft	
17	O	Flight System	
18	L	Screen/Digger Point System	
19	002144	Cylinder, Digger	1
	000312P	Stroke Control Set	1
	000396P	Seal Kit	1
	000646W	Mount, Digger Cylinder	1
20	S	Power Steering Components	
21	000093P	Switch, Deadman	1
	000136M	Spring Button, Deadman	1
22	000170W	Platform, Flip	1
23	003078P	Seat, #ES700-4 Modified	1
	000753W	Seat Post Wld	1
24	002142	Cylinder, Boom Hoist	2
	*000394P	Seal Kit UPDATED P/N: 71.P259101	1
25	J	Wheel Assembly (Left)	
26	R	Conveyor Drive Mechanism	
27	T	Hopper System	
28	002040P	Alarm, Back-Up, Preco 45AA	1
29	H	Throttle & Trans. Linkage	
30	V	Valves & Gauges	
31	000774A	Canopy R.O.P.S./F.O.P.S.	*
32	W	Emergency Tow Jack	
33	I	Wheel Assy, (Right)	

*Optional

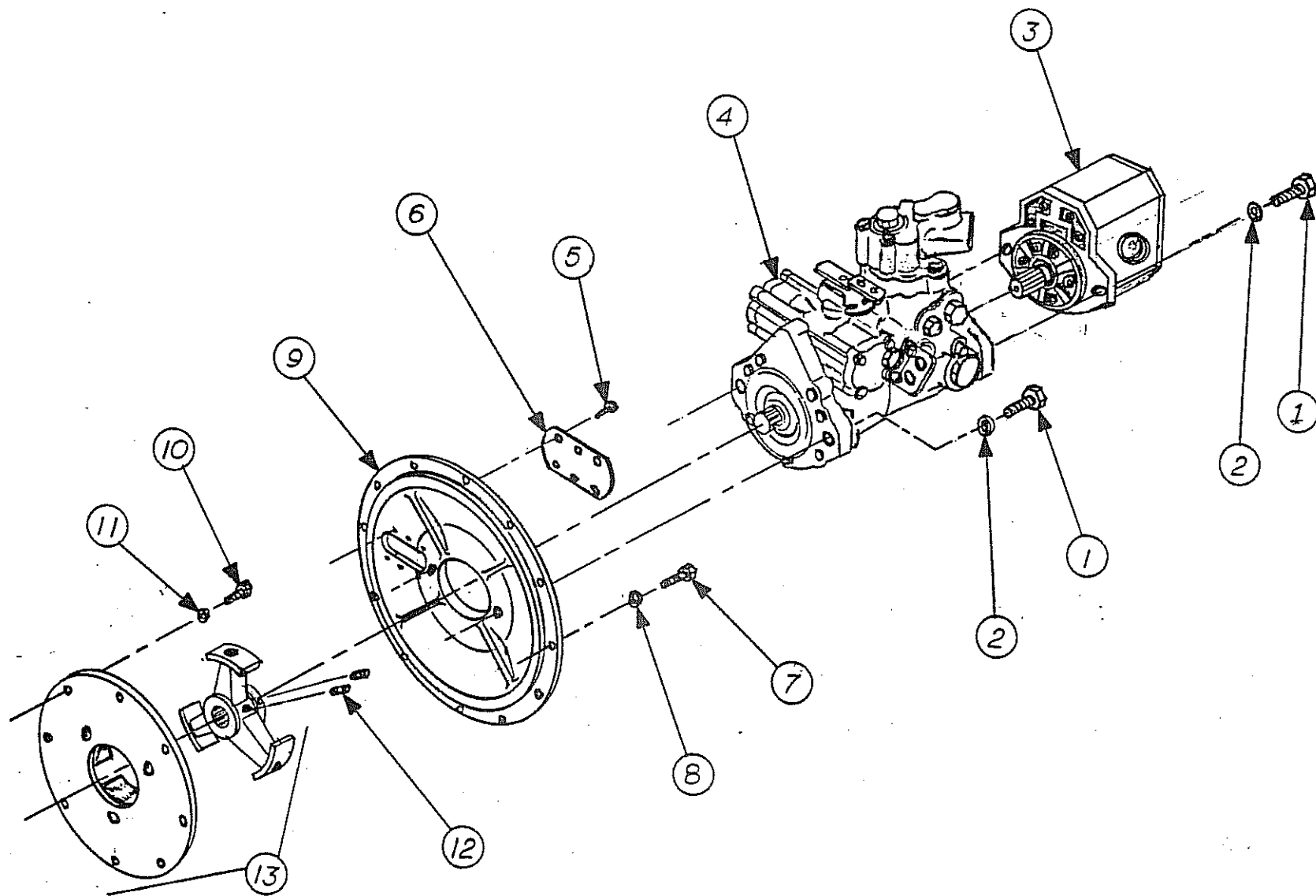
Page A



PARTS LIST

ENGINE/TRANSMISSION

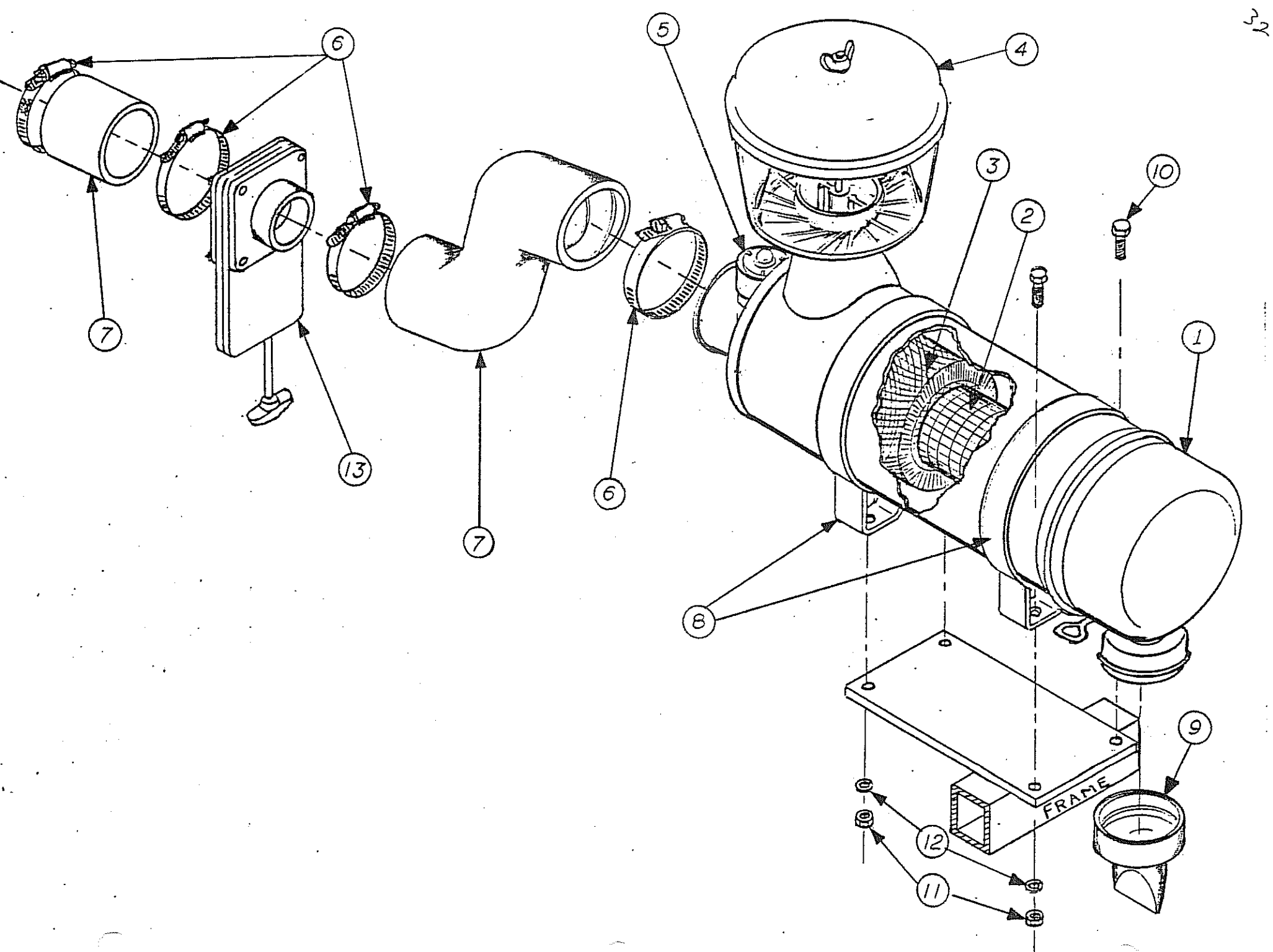
Ref No.	Page No. Part No.	Description	Qty
	000563P	Engine, Diesel (Perkins 4.154)	1
1	E	Radiator and Components	
2	F	Exhaust System	
3	H	Transmission Linkage	
4	C	Transmission/Drive Coupling Assembly	
5	002023P	Filter, Engine Oil 4.154 #407 REM	1
6	000022P	Relay, Key Shut-Off	1
7	000509P	Alternator - 66 AMP.	1
8	000395P	Relay, Glow Plug	1
9	000727P	Filter, Fuel 4.154 #570	1
10	H	Throttle Linkage	1
11	E	Engine Mounting Bracket	1
12	000095P	Sender, Engine Oil Pressure	1
13	002106	Engine Starter Motor (4.154)	1
14	000631W	Brkt, Engine Mtg LS-R	1
15	002966	Brkt, Engine Mtg- Filter RS-R	1
16	002028P	Adapter, Eng REM. Filter Head	1
	002037P	Gasket, Remote Filter	1
17	002029P	Head, Eng. Remote Filter (4.154)	1
18	002027M	Adapter, Remote Filter Engine (4.154)	1
19	000037P	Mount, Engine (1/2" Rubber)	4
20	000956P	Washer, Flat, 3/8"	8
21	000955P	Washer, Lock, 3/8"	8
22	000953P	Nut, Lock, 3/8-16 NC	8
23	000099P	Battery Ground Cable- 12"	1



PARTS LIST

TRANSMISSION/DRIVE COUPLING ASSEMBLY

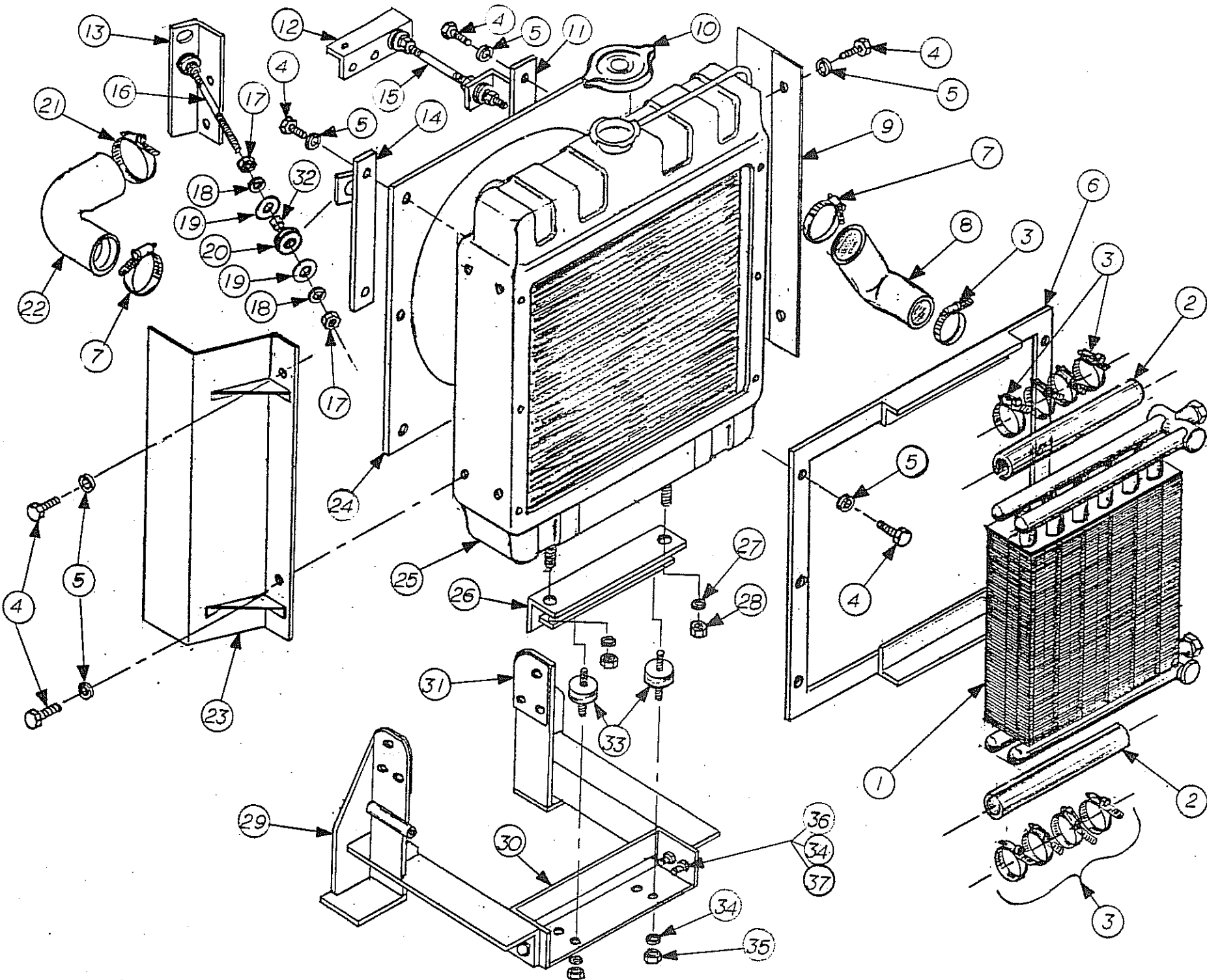
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	000984P	Bolt, 1/2-13 NC x 1-3/4	4
2	000990P	Washer, Lock, 1/2	4
3	000595P	Pump, Gear (Tap)	1
4	000596P	Pump, Transmission (M46)	1
5	001690P	Screw, Tapping, #10-32 x 1/2	6
6	000533M	Bellhousing Dust Cover	1
7	000952P	Bolt, 3/8-24 NF x 1-1/4	12
8	000955P	Washer, Lock, 3/8	12
9	000036M	Flywheel Cover	1
10	000920P	Bolt, 5/16-18 NC x 3/4	8
11	000928P	Washer, Lock, 5/16	8
12	002305P	Set Screw, 12 x 20 MM Dog Pt.	2
13	000047P	Coupling, Drive, Assembly	1



PARTS LIST

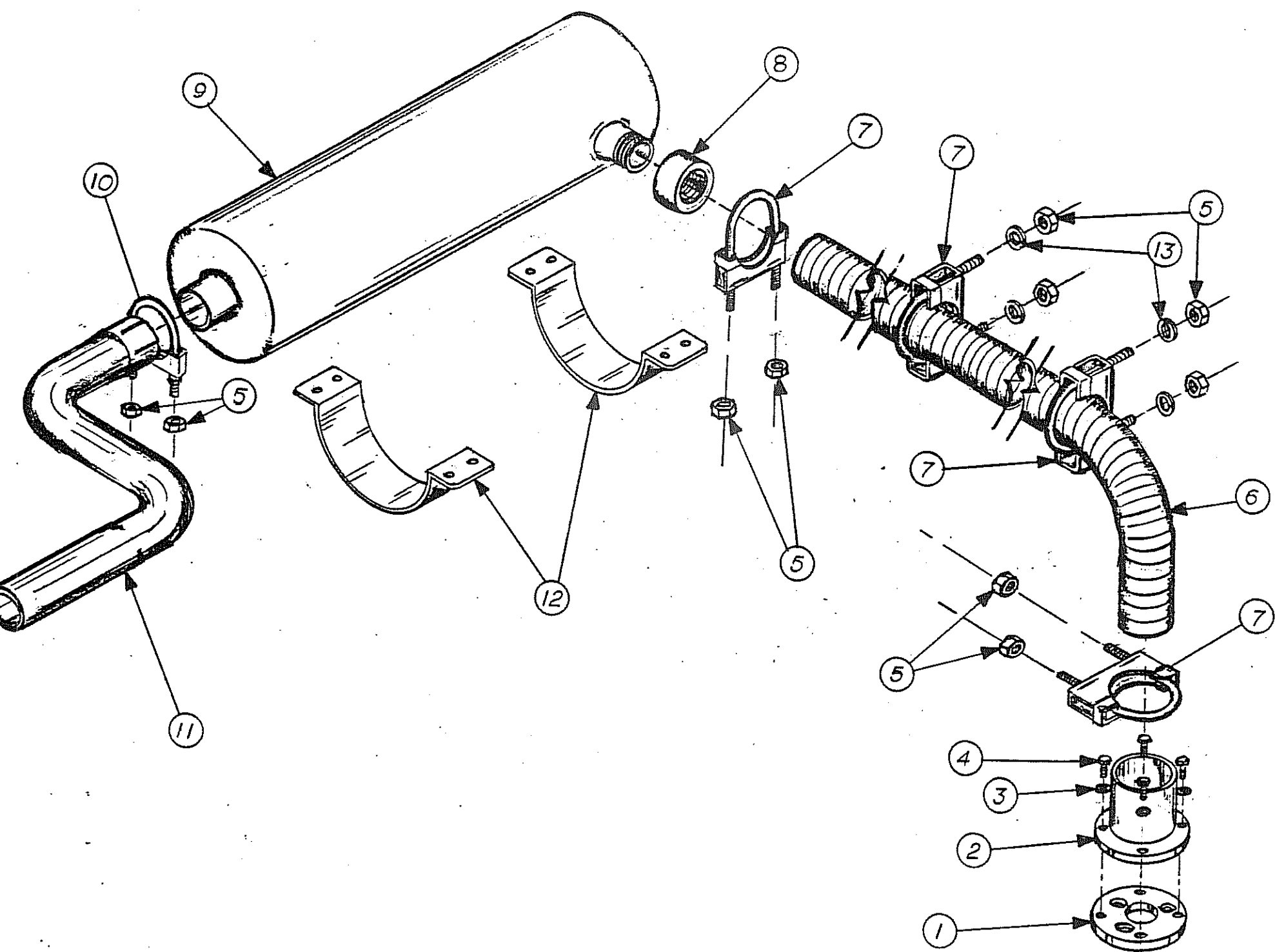
AIR CLEANER SYSTEM

<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty</u>
1	002251	Air Cleaner Body Assy Includes: 2,3, & 9	1
2	000343P	Element (Safety)	1 UPDATED P/N: 71.P371370
3	000344P	Element (Primary)	1 UPDATED P/N: 71.P371360
4	002252	Cap- Pre-Cleaner	1
5	000354P	Indicator	1
6	000367P	Clamp, Hose	4
7	002078	Adapter Hose (2 Piece)	1
8	002250	Mounting Band	2
9	000369P	Vacuator Valve	1
10	000900P	1/4"-20 NC x 3/4" Bolt	4
11	000907P	1/4"-20 NC Lock Nut	4
12	000909P	1/4" Lock Washer	4
13	002077	Valve, Air Intake Assy	1



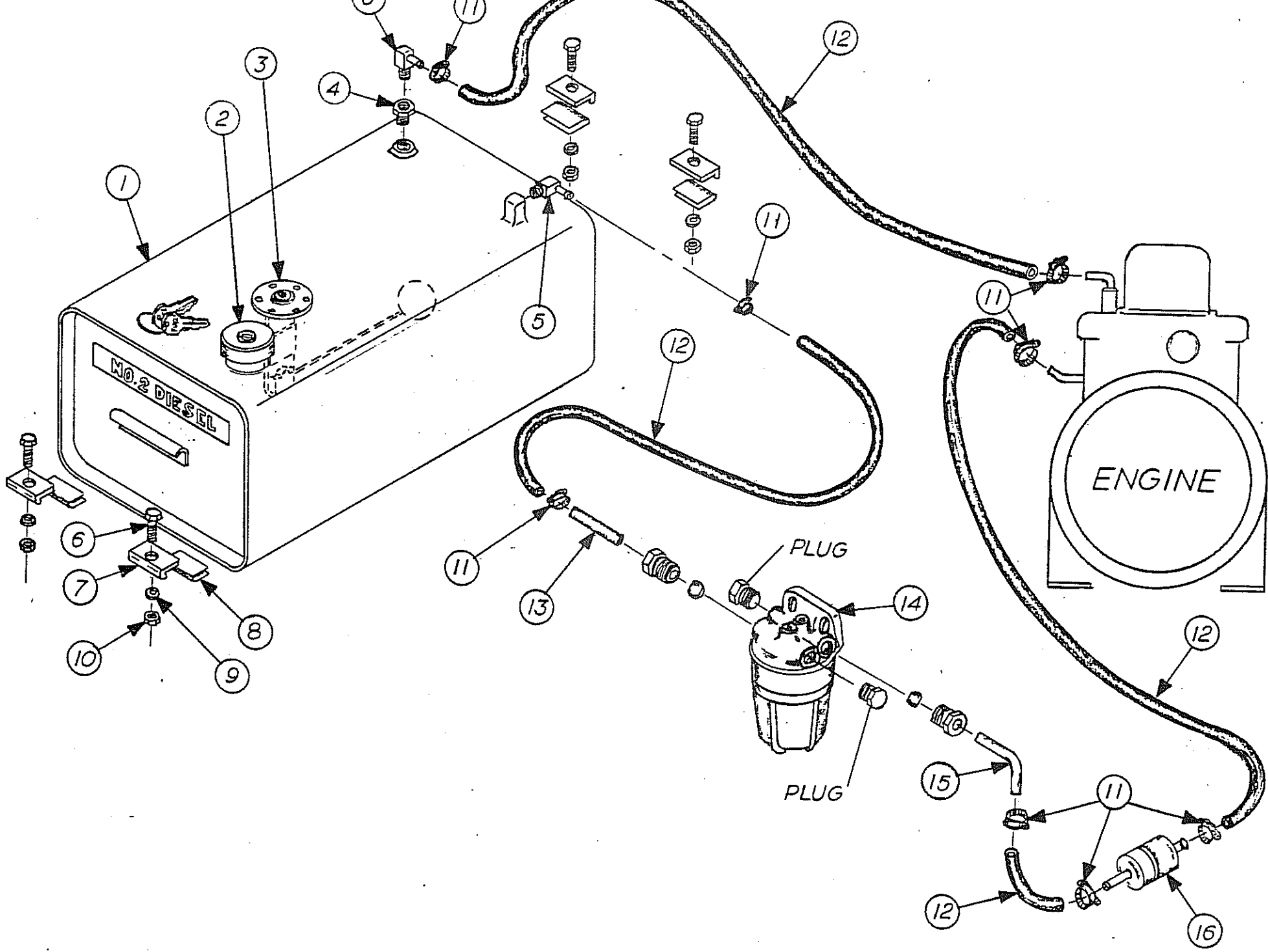
PARTS LISTRADIATOR COMPONENTS

Ref No.	Part No.	Description	Qty.
1	000650P	Cooler, Hydraulic Oil	1
2	000748M	Sleeve, Oil Cooler Mt.	2
3	002074P	Clamp, Hose, 1024	9
4	000920P	Bolt, 5/16-18 NC x 3/4	16
5	000928P	Washer, Lock, 5/16	16
6	000583W	Bracket - Oil Cooler	1
7	002075P	Clamp, Hose, 1028	2
8	002285	Hose, Radiator, Lower	1
9	002121	Guard, Fan LS	1
10	002081P	Cap, Radiator	1
11	000637W	Radiator Stay Bracket-LH Rad.	1
12	000635M	Radiator Stay Brkt.-LH Engine	1
13	002963	Radiator Stay Brkt.-RH Engine	1
14	000638W	Radiator Stay Brkt.-RH Rad.	1
15	002281	Rod, Radiator Stay 9.5"	1
16	002280	Rod, Radiator Stay 11"	1
17	000974P	Nut, Hex, 7/16-20 NF	8
18	000976P	Washer, Lock, 7/16	8
19	000973P	Washer, Flat, 7/16	8
20	000211P	Grommet, 5/8" Bore	4
21	002228P	Clamp, Hose, 1032	1
22	002079	Hose, Radiator, Upper	1
23	002120	Guard, Fan RS	1
24	002165	Shroud, Fan, 16"	1
25	002080P	Radiator (4.154)	1
26	002274	Brkt, Lower Radiator	1
27	000990P	Washer, Lock, 1/2	2
28	000988P	Nut, Lock, 1/2-13 NC	2
29	002032W	Brkt, Eng Mtg RS-F	1
30	002270	Cross Tie, Eng Mtg Brkts	1
31	002031W	Brkt, Eng Mtg LS-F	1
32	000146M	Stay Bushing	4
33	000303P	Mount, Rubber 7/8	2
34	000955P	Washer, Lock, 3/8	8
35	000960P	Nut, Hex, 3/8-16 NC Grd 8 ZP	4
36	000947P	Bolt, 3/8-16 NC x 1-1/4	4
37	000953P	Nut, Lock, 3/8-16 NC	4



PARTS LIST
EXHAUST SYSTEM

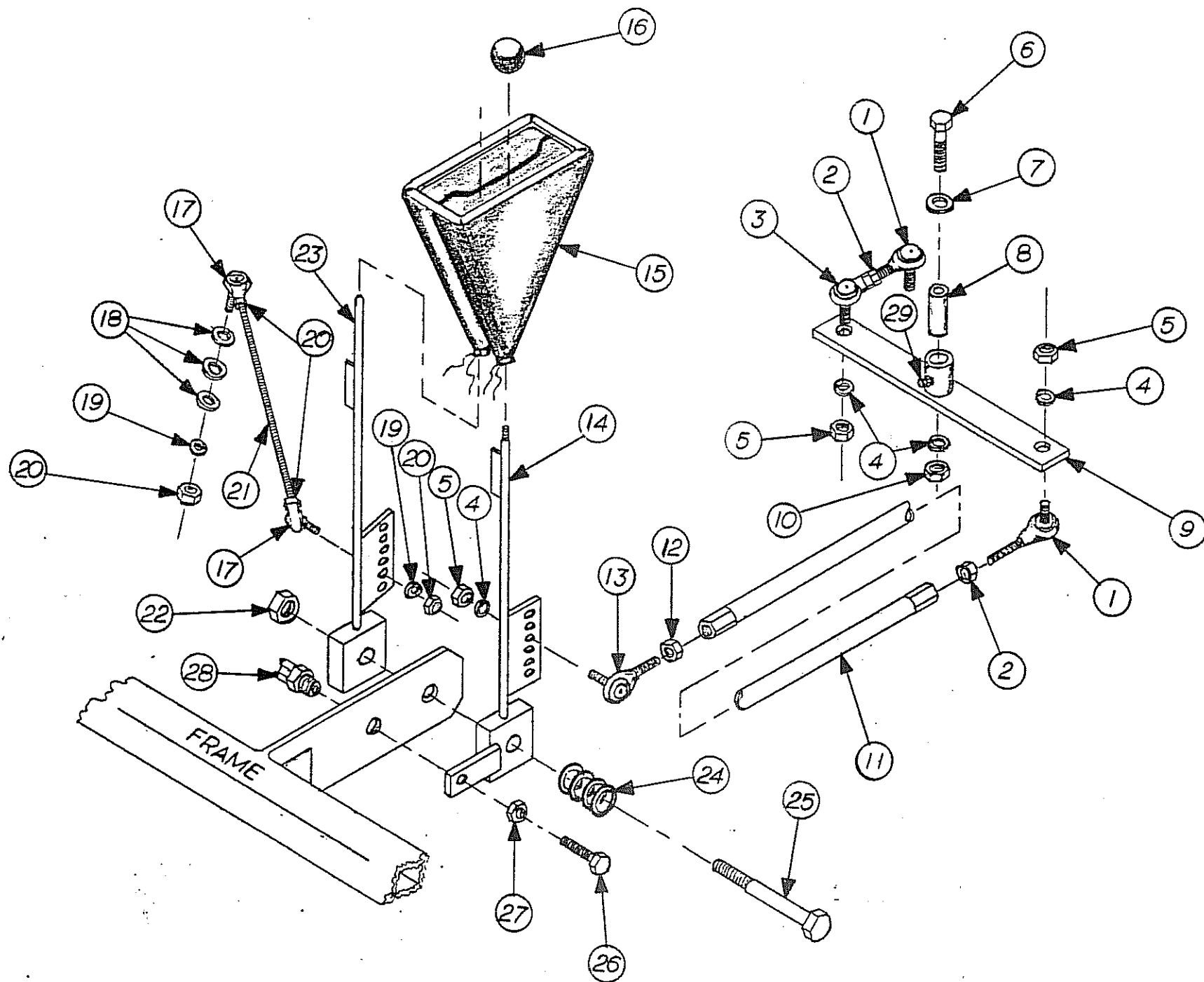
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	000564M	Flange, Exh Sys (Manifold)	1
2	000477W	Flange Wld, Exh Sys	1
3	000928P	Washer, Lock, 5/16	4
4	000921P	Bolt, 5/16-18 NC x 1	4
5	000953P	Nut, Lock, 3/8-16 NC	10
6	000585M	Flex Tube, Exhaust	1
7	000584P	Clamp-U, 3" Walker	4
8	000393P	Coupling, Half, 2" NPT, 3M# Blk	1
9	000371P	Muffler (Exhaust)	1
10	000387P	Clamp-U, 2-1/2"	1
11	000392M	Tail Spout (Exhaust)	1
12	000386W	Bracket/Clamp - 8" (Exhaust)	2
13	000955P	Washer, Lock, 3/8	4



PARTS LIST

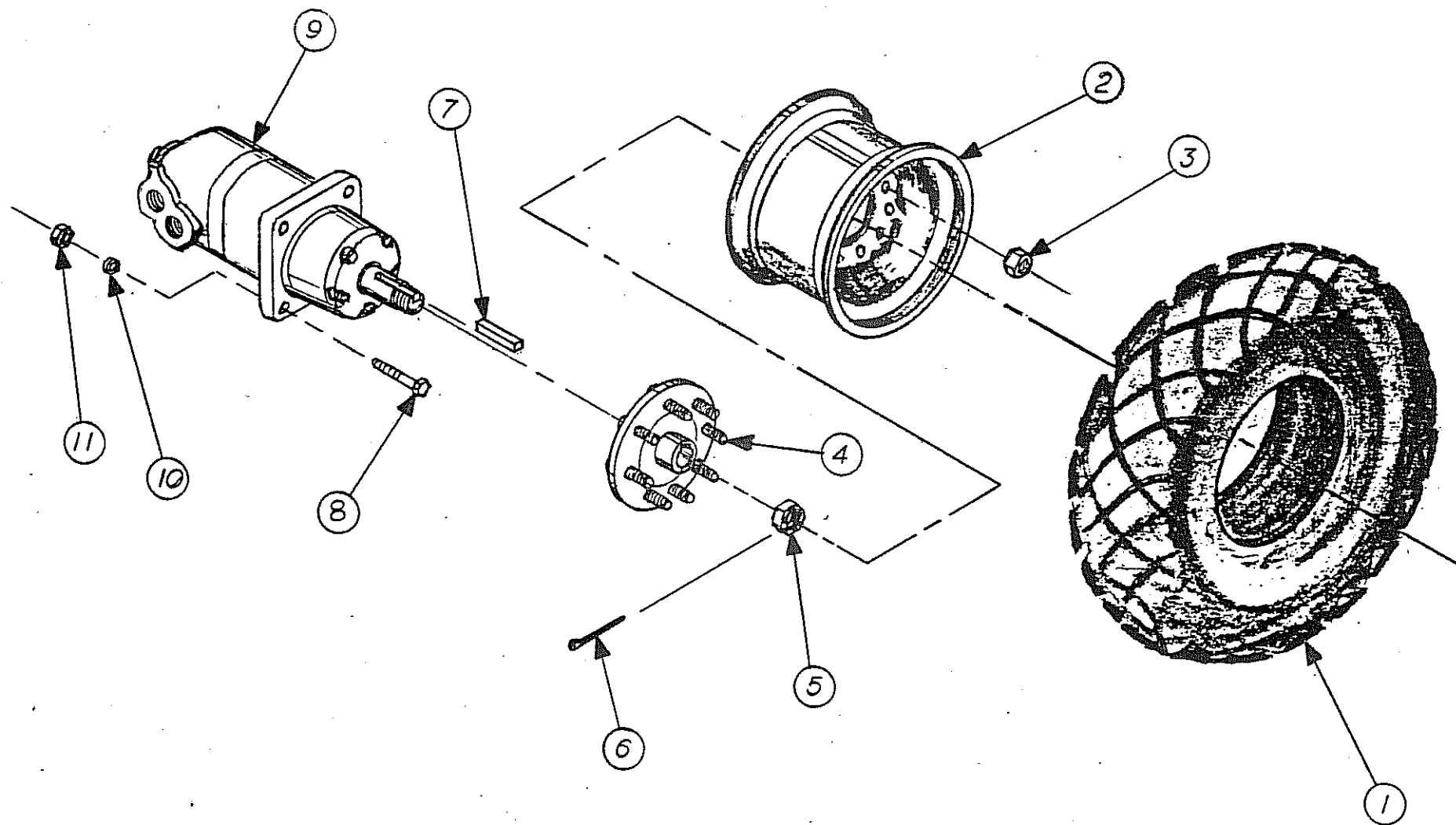
FUEL SYSTEM

Ref No.	Part No.	Description	Qty
1	000535A	Tank, Fuel, Assy (18 gal) Includes #3	1
2 *	000313P	Cap-Fuel, Locking UPDATED P/N: 71.P115960	1
3 *	002096	Sender Assy, Fuel Level UPDATED P/N: 71.500533	1
4	F001309P	Adapter-PTR 3/8 x 1/4	1
5	000322P	Adapter, Brass Elbow	2
6	000948P	Bolt, 3/8-16 NC x 1-1/2"	4
7	002661	Hold Down, Fuel Tank	4
8	002662	Pad, Fuel Tank	4
9	000955P	Washer, Lock, 3/8"	4
10	000953P	Nut, Lock,, 3/8-16 NC	4
11	002071P	Clamp, Hose, Size 02	8
12	002089P	Hose, Fule Line, 5/16" I.D Specify Length When Ordering	
13	002094	Tubing, Fuel Line, Inlet	1
14	000133P	Filter, Water Separator	1
15	002095	Tubing, Fuel Line, Outlet	1
16	001704P	Filter, Fuel; In Line	1
	002088	Kit, Fuel Line Includes: #4,5,11,12,13,15,&16	



PARTS LISTTHROTTLE AND TRANSMISSION LINKAGE

Ref No.	Part No.	Description	Qty.
1	000202P	Ball Joint, M W/Stud 3/8-24 R	2
2	000959P	Nut, Hex, 3/8-24 NF	2
3	001701P	Ball Joint, F W/Stud 3/8-24 R	1
4	000955P	Washer, Lock, 3/8"	5
5	000957P	Nut, Lock, 3/8-24 NF	4
6	000799P	Bolt, 3/8-16 NC x 3	1
7	001688P	Washer, Fender, 3/8	1
8	000734M	Spacer, Trans. Pivot	1
9	000733W	Linkage, Trans Pivot	1
10	000953P	Nut, Lock, 3/8-16 NC	1
11	000593W	Linkage Rod, Transmission	1
12	000958P	Nut, Hex, 3/8-24 NF LH	1
13	000201P	Ball Joint, M W/Stud 3/8-24 L	1
14	002311	Lever Wld, Trans	1
15	002005A	Boot Assembly, Ctrl	1
16	000410P	Knob, Control Lever	2
17	000688P	Ball Joint, F W/Stud 5/16-24 R	2
18	000910P	Washer, Flat, 1/4	3
19	000928P	Washer, Lock, 5/16	2
20	000793P	Nut, Hex, 5/16-24 NF	4
21	001777A-1	Rod, Linkage	1
	001777A	Throttle Linkage Assy	
		Includes: #17-#21	
22	000932P	Nut, Lock, 5/8-11 NC	1
23	0002312	Lever Wld, Throttle	1
24	002145	Spring, Control Lever	1
25	000998P	Bolt, 5/8-11 NC x 4-1/2	1
26	001687P	Bolt, 5/16-18 NC x 1-1/2 to HD.	1
27	000927P	Nut, Hex, 5/16-18 NC	1
28	000092P	Switch, Neutral Safety	1
29	000877P	Zerk, 1/4-28 NF Spin-Drive	1



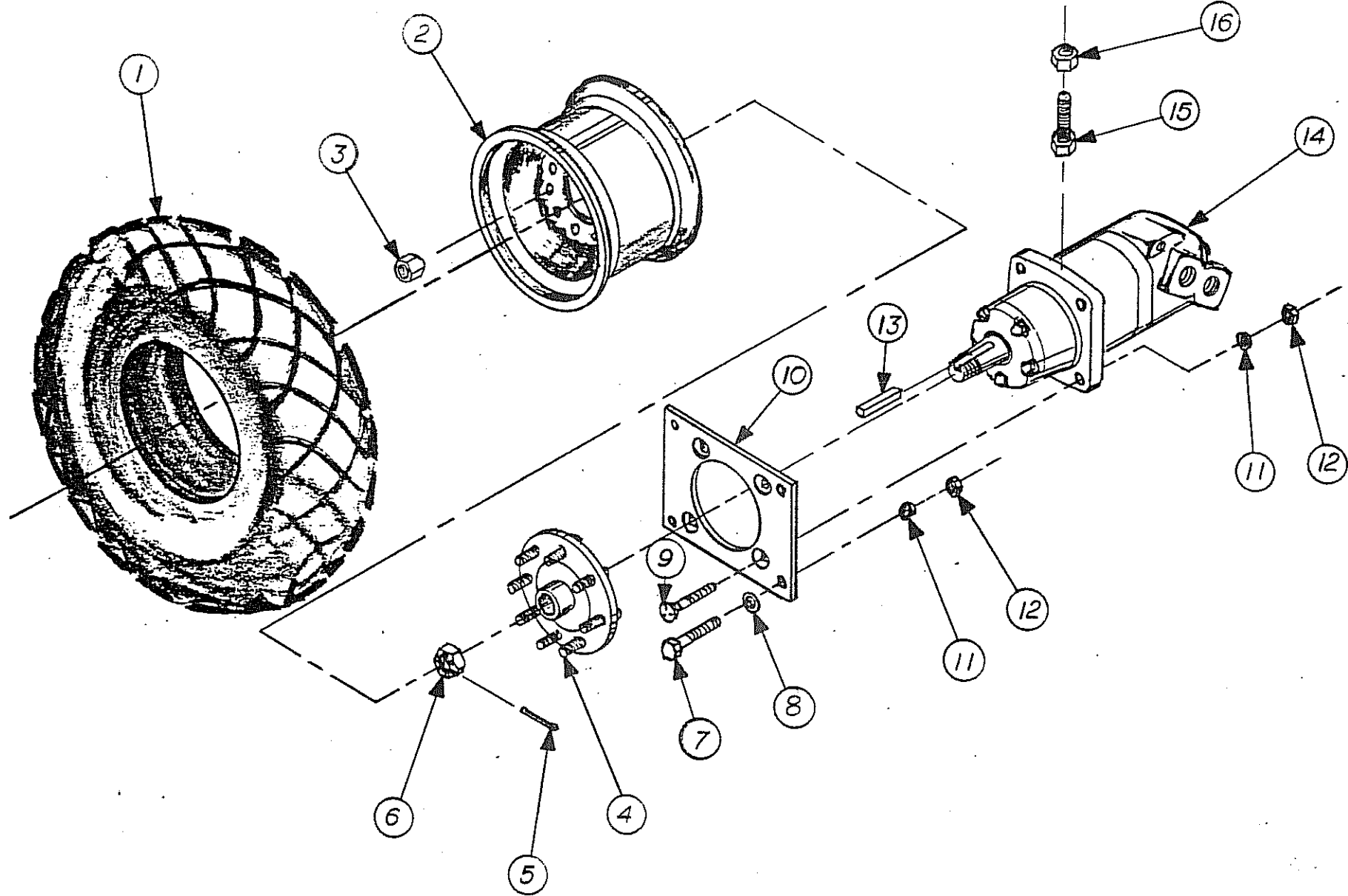
PARTS LIST

RIGHT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	Qty.
1	000043P	Tire (13.6 x 16.1)	1
2	002241	Rim, 2-1/4" + Offset	1
	002239	Wheel Assy, Includes #1 & #2	1
3	002254P	Nut, Wheel 5/8-18	1
4	002253P	Stud, Wheel	1
	002255	Wheel Hub, 6M, 8 Stud Includes #3	1
5	000020M	Nut, X-TRA Slotted-Wheel Mtr	1
6	000970P	Pin, Cotter, 1/8 x 3	1
7	000497M	Key, Wheel Mtr 4M & 6M Contoured	1
8	000985P	Bolt, 1/2-13 NC x 2	4
9*	002118	Mtr, Wheel-6000 Series Includes #5 & #7	1
	000081P	Seal Kit, Shaft UPDATED P/N: 71.P354601	1
	000082P	Seal Kit, Rear UPDATED P/N: 71.P354602	1
10	000990P	Washer, Lock, 1/2	4
11	000988P	Nut, Lock, 1/2-13 NC	4

* #9 WHEEL MOTOR ADDITIONAL ITEM
71.P354603 SHAFT SEAL GUARD

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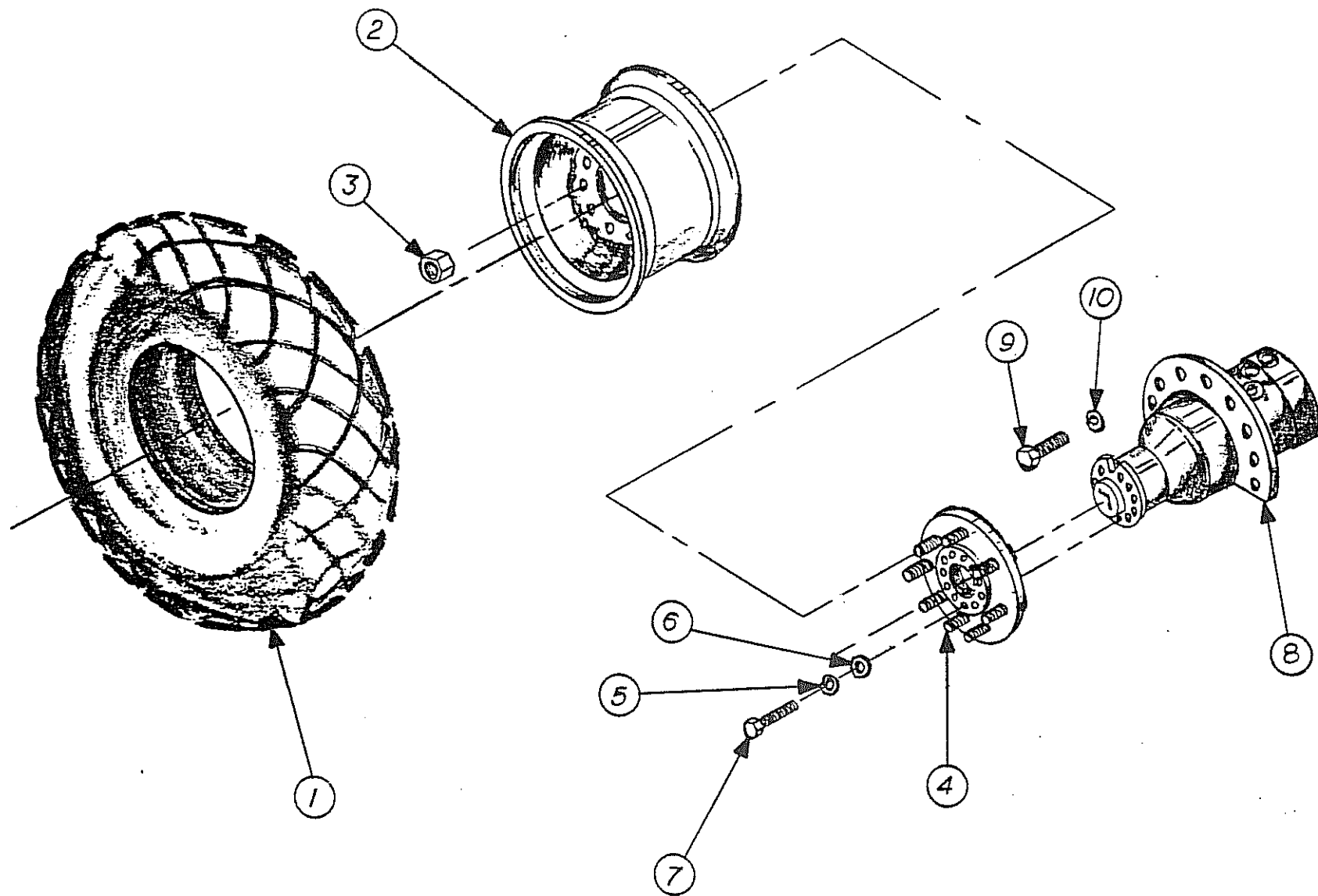


PARTS LIST
LEFT WHEEL ASSEMBLY

Ref No.	Part No.	Description	Qty
1	000043P	Tire (13.6 x 16.1)	1
2	002241	Rim, 2-1/4" + Offset	1
	002239	Wheel Assy (Includes #1 & #2)	1
3	002254P	Nut, Wheel 5/8-18	8
4	002253P	Stud, Wheel	8
	002255	Wheel Hub, 6M, 8 Stud (Includes #3 & #4)	1
5	000970P	Pin, Cotter, 1/8 x 3	1
6	000020M	Nut, X-TRA Slotted Whl Mtr	1
7	000985P	Bolt, 1/2-13 NC x 2"	4
8	000991P	Washer, Flat, 1/2"	4
9	000992P	Bolt, Plow, 1/2-13 NC x 2"	4
10	000463M	Plate, Adj. Wheel Motor Mt.	1
11	000990P	Washer, Lock, 1/2"	8
12	000988P	Nut, Lock, 1/2-13 NC	8
13	000497M	Key-Wheel Motor 4M&6M Contoured	1
14 *	002118	Motor, Wheel- 6000 Series (Includes #6 & #13)	1
	000082P	Seal Kit, Rear UPDATED P/N: 71.P354601	1
	000081P	Seal Kit, Shaft UPDATED P/N: 71.P354602	1
15	000301W	Bolt, Wheel Motor Adj.	1
16	000934P	Nut, Jam 5/8-11 NC	1

* #14 WHEEL MOTOR ADDITIONAL ITEM
71.P354603 SHAFT SEAL GUARD

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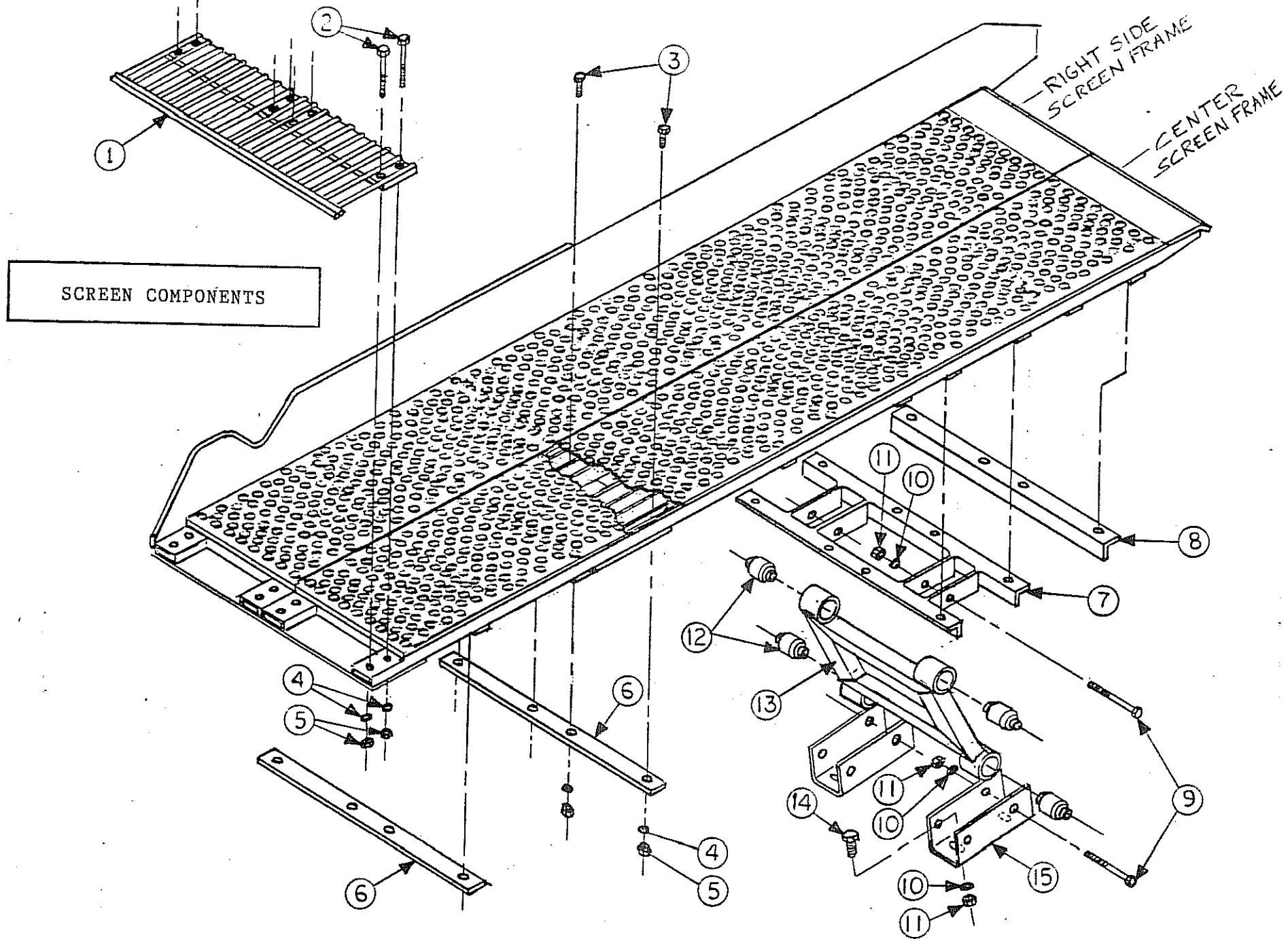


PARTS LIST

FRONT WHEEL ASSEMBLY

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	000043P	Tire (13.6 x 16.1)	1
2	002241	Rim, 2-1/4" + Offset	1
	002239	Wheel Assy (Includes #1 & #2)	1
3	002254P	Nut, Wheel 5/8-18	8
4	002253P	Stud, Wheel	8
	002957	Wheel Hub, Poclain (Includes #3 & #4)	1
5	002141P	Washer, Lock, M14	11
6	002140P	Washer, Flat, M14	11
7	002139P	Bolt, M14 x 50 MM	11
8	002138	Brake/Mtr- Poclain	1
9	000994P	Bolt, 5/8-11 NC x 1-3/4"	10
10	000935P	Washer, Lock, 5/8"	10

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PARTS LIST

SCREEN COMPONENTS

(TYPICAL FOR LEFT/CENTER AND RIGHT/CENTER SCREEN FRAMES)

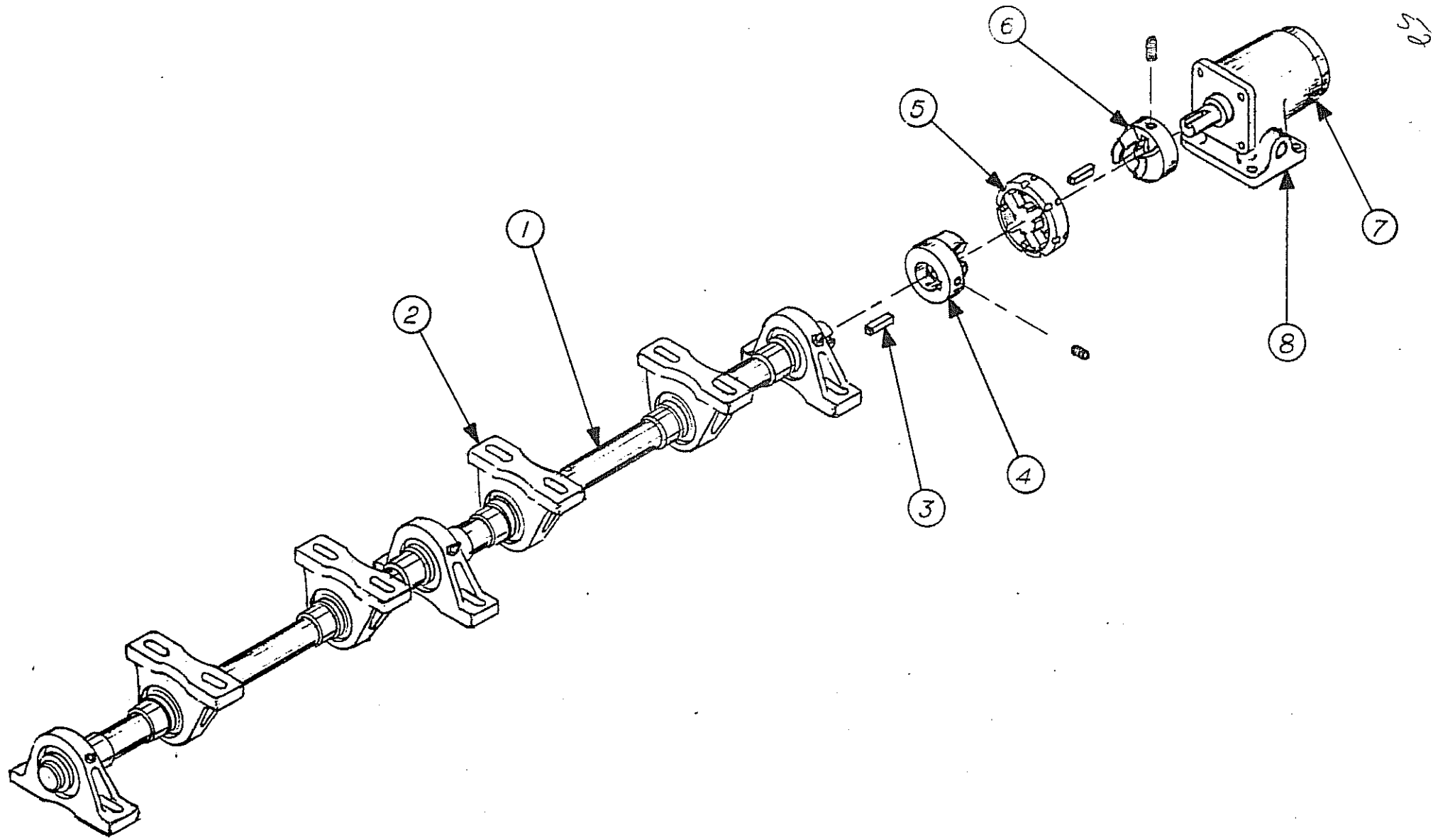
Ref No.	Part No.	Description	Qty.
1*	000304W	Digger Point Wld-STD	1
2	000950P	Bolt, 3/8-16 NC x 2-1/4	8
3	000947P	Bolt, 3/8-16 NC x 1-1/4	20
4	000955P	Washer, Lock, 3/8	28
5	000953P	Nut, Lock, 3/8-16 NC	28
6	002876	Screen Tie Flat	2
7	002050	Bracket, Riser to Screen	1
8	002289	Screen Tie Angle	1
9	000987P	Bolt, 1/2-13 NC x 4	4
10	000990P	Washer, Lock, 1/2	8
11	000988P	Nut, Lock, 1/2-13 NC	8
12	002057P	Bushing, Rubber	4
13	002051	Riser, Rear Scrn	1
14	000982P	Bolt, 1/2-13 NC x 1-1/4	2
15	002134	Clevis, Rear Screen	2

Page __L__

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

PARTS LIST
SCREEN INSTALLATION

Ref No.	Part No.	Description	Qty
1	002972	Screen Frame, Right	1
2	002970	Screen Frame, Center	2
3	002971	Screen Frame, Left	1
4	P114611 000913P	Bolt, Plow, 3/8-16 NC x 2-3/4	3 12
5	P850804 000961P	Washer, Flat, 3/8	34 136
6	P851106 000955P	Washer, Lock, 3/8	34 136
7	P150601 000960P	Nut, Hex, 3/8-16 NC	31 124
8	P155450 000953P	Nut, Lock, 3/8-16 NC	3 12
9	P114609 001010P	Bolt, Plow, 3/8-16 NC x 2-1/4	31 124
10	000055M	Screen - 7 ga. (3/4" Holes)	
	002975	Screen Assy, RS Includes: #1 & #4-#10	1
	002973	Screen Assy, Center Includes: #2 (Qty.1) & #4-#10	2
	002974	Screen Assy, LS Includes: #3-#10	1



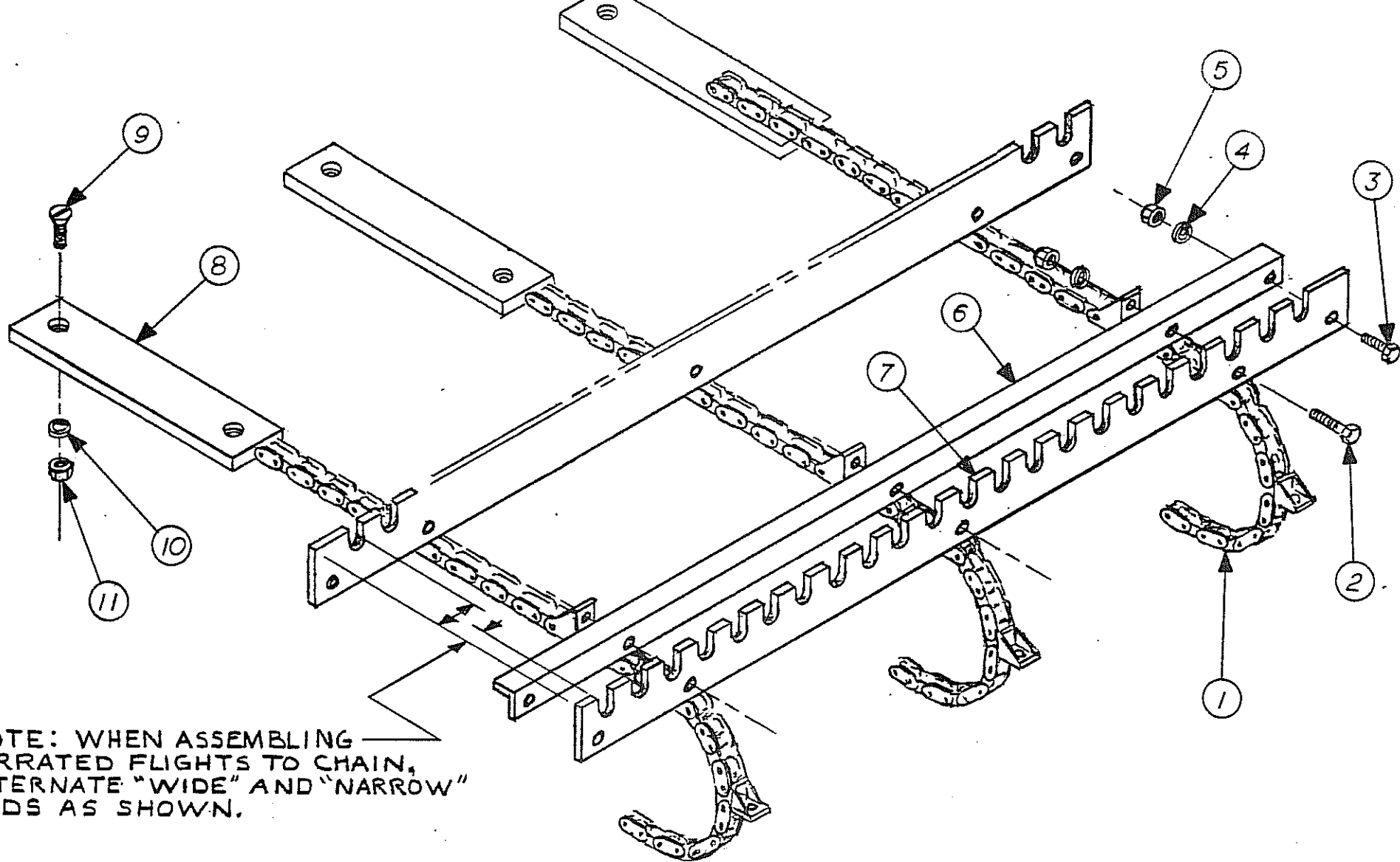
PARTS LIST
OSCILLATOR MECHANISM

<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	002065SA	Shaft Assy, Osc Sub	1
2	000691M	Bearing, Osc, 2" SealMaster	7
	002065A	Shaft Assembly, Oscillator (Includes #1 & #2)	1
3	000067M	Key, Oscillator Coupling	1
4*	000145M	Coupling Half, Flex, 1-1/2" Bore Includes:	1
	000966P	Set Screw 7/16-14 NC x 1/2"	1
5*	000142P	Coupling Insert, Flex Rubber	1
6*	000140M	Coupling Half, Flex, 1" Bore Includes:	1
	000968P	Set Screw 7/16-14 NC x 3/4"	1
7	000246P	Mtr, Oscillator Includes:	1
	000057P	Key, Woodruff 1/4 x 1 No. 15	1
8	000255P	Base Block, C/L 123-1008	1
	000781A	Mtr Assy, Oscillator (Includes #7 & #8)	1

Page__N__

* 71.P272900 COMPLETE COUPLER ASSEMBLY (INCLUDES #4, #5, #6 AND SET SCREWS)

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NOTE: WHEN ASSEMBLING
SERRATED FLIGHTS TO CHAIN,
ALTERNATE "WIDE" AND "NARROW"
ENDS AS SHOWN.

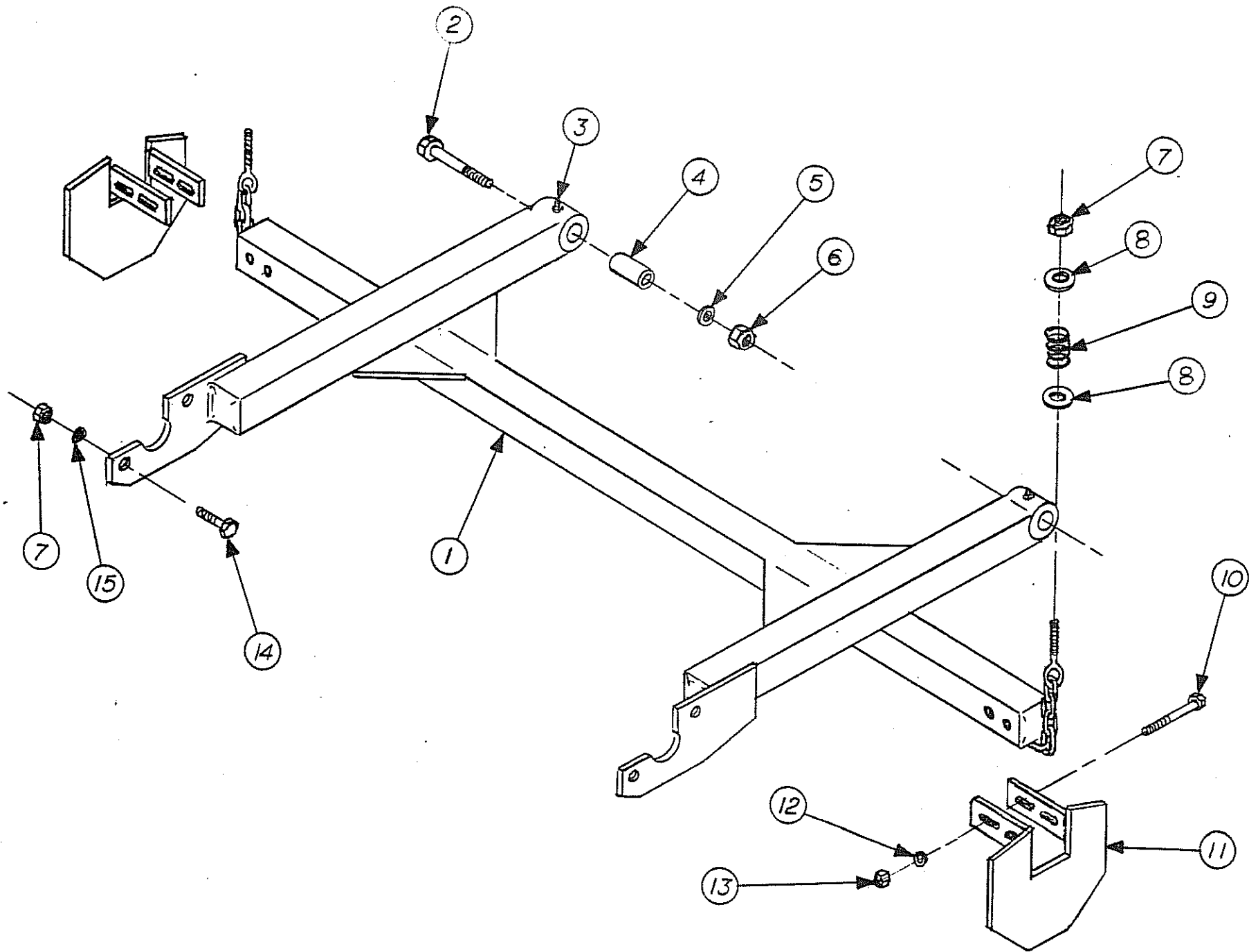
PARTS LIST
FLIGHT SYSTEM

Ref No.	Part No.	Description	Qty.
1	000285M	Chain, #620 Conveyor *SEE NOTE BELOW	3
	000291P	Includes:	
	000282P	Chain Link, #620 HC 11 Attachment	26
	000283P	Chain Link, #620 Connector	1
		Chain Link, #620 Offset	3
2	000947P	Bolt, 3/8-16 NC x 1-1/4	78
3	000946P	Bolt, 3/8-16 NC x 1	52
4	000955P	Washer, Lock, 3/8	130
5	000953P	Nut, Lock, 3/8-16 NC	130
6	000053M	Flight Mounting Angle	26
7	000052M	Flight Blade, Serr 2-1/4"	26
8	000271M	Wear Strip, Conveyor	6
9	000924P	Bolt, 5/16 x 1 Flat Hd.	12
10	000928P	Washer, Lock, 5/16	12
11	000927P	Nut, Hex, 5/16-18 NC	12

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

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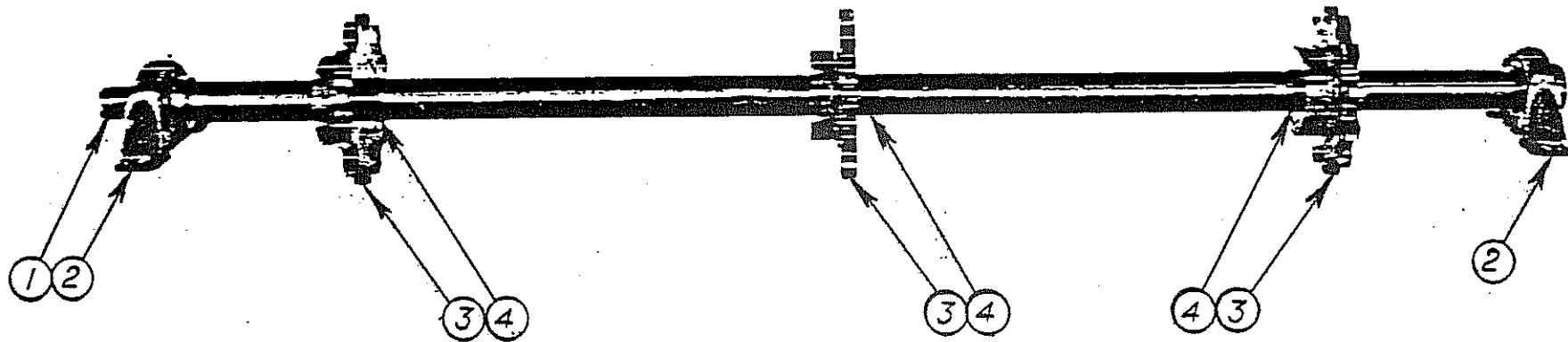


PARTS LIST

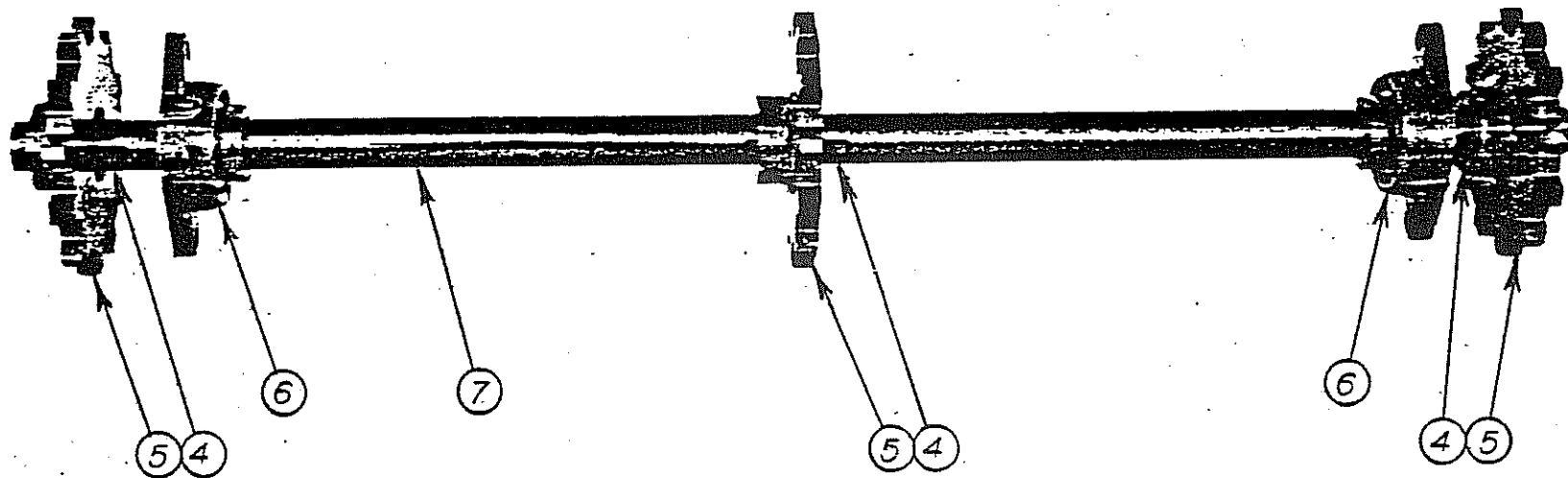
CONVEYOR SUPPORT ASSEMBLY

Ref No.	Part No.	Description	Qty.
1	003046	Conveyor Support	1
2	000997P	Bolt, 5/8-11 NC x 4 Grd. 8	2
3	000876P	Zerk, 1/8 NPT Spin Drive	2
4	000026M	Spacer, Stabilizer (2-1/16")	2
5	000935P	Washer, Lock, 5/8"	2
6	000932P	Nut, Lock, 5/8-11 NC	2
7	000988P	Nut, Lock, 1/2-13 NC	6
8	000991P	Washer, Flat, 1/2"	4
9	002122	Spring, Front Conveyor Support	2
10	000799P	Bolt, 3/8-16 NC x 3	4
11	000704W	Spill Plate Wld	2
12	000955P	Washer, Lock, 3/8"	4
13	000953P	Nut, Lock, 3/8-16 NC	4
14	000984P	Bolt, 1/2-13 NC x 1-3/4	4
15	000990P	Washer, Lock, 1/2"	4

SHAFT ASSY, REAR CONVEYOR



SHAFT ASSY, FRONT CONVEYOR

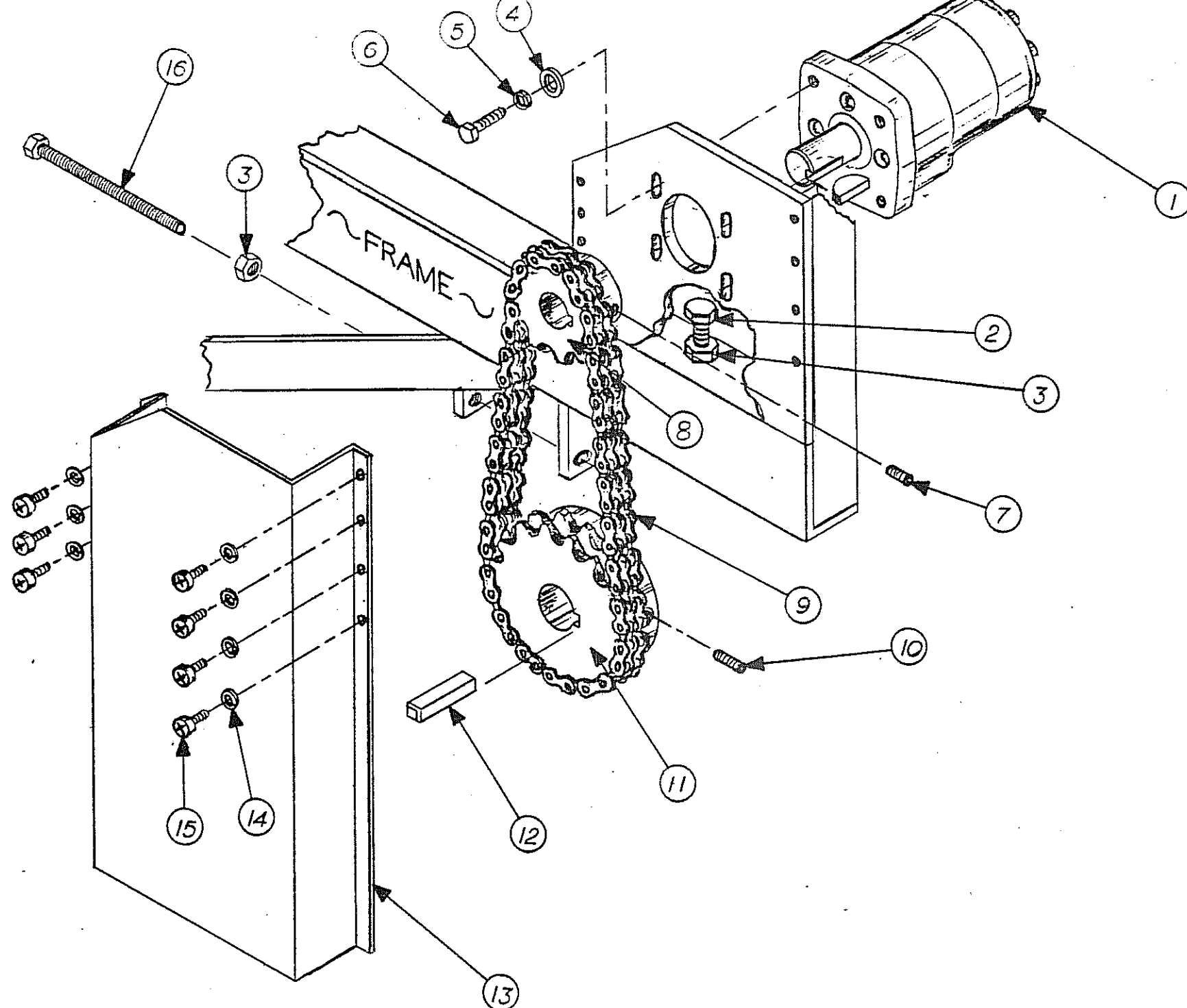


PARTS LIST

CONVEYOR SHAFT ASSEMBLIES, FRONT & REAR

<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	000454M	Shaft, Rear Conv (1-3/4")	1
2	000279P	Bearing, Fafnir 1-7/16" TAK PB	2
3	000324W	Sprocket, 620 12T 1-3/4 B	3
4	000328M	Key, Conveyor Shaft	3
	000454A	Shaft, Assy, Rear Conveyor	1
		Includes: #1 - #4	
5	000257W	Sprocket, 620 12T 1-7/16 B	3
6	000277P	Bearing 1-7/16" Flange	2
7	000272M	Shaft, Fr Conv.	1
	000272A	Shaft Assy, Fr Conv.	1
		Includes: #4 - # 7	

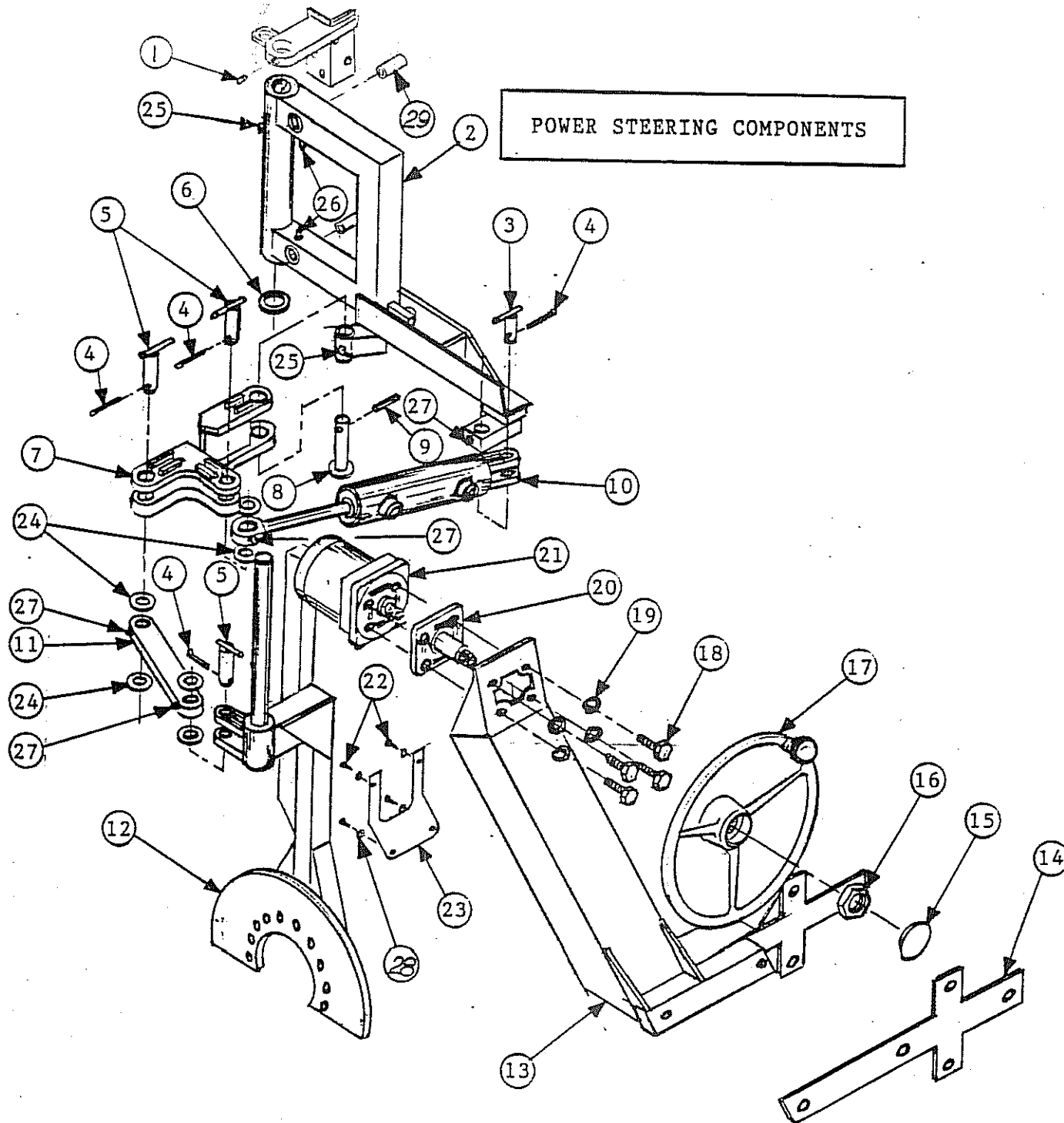
59



PARTS LIST

CONVEYOR DRIVE MECHANISM

Ref No.	Part No.	Description	Qty.
1	002119	Mtr, Conv (2013)	1
		Includes:	
2	000057P	Key, Woodruff 1/4 x 1 No. 15	1
3	000985P	Bolt, 1/2"-13 NC x 2	1
4	000989P	Nut, 1/2"-13 NC	3
5	000956P	Washer, Flat, 3/8"	4
6	000955P	Washer, Lock, 3/8	4
7	000946P	Bolt, 3/8-16 NC x 1	4
8	000964P	Set Screw, 3/8-16 NC x 3/8	1
9	000511M	Sprocket, D50 13 T 1 B	1
	002175	Chain, #50 Double	1
		Includes:	
10	000764P	Chain Link, #50-2 Connector	1
11	000965P	Set Screw 3/8-16 NC x 3/4	1
12	000512M	Sprocket, D50 23 T 1-7/16 B	1
13	000534M	Key, Conv Sprocket - Driven	1
14	000716W	Guard, Conv Mtr Chain	1
15	000917P	Washer, Lock, 3/16	7
16	001690P	Screw, Tapping, #10-32 x 1/2	7
	000374W	Bolt, Rear Shaft Adj.	2

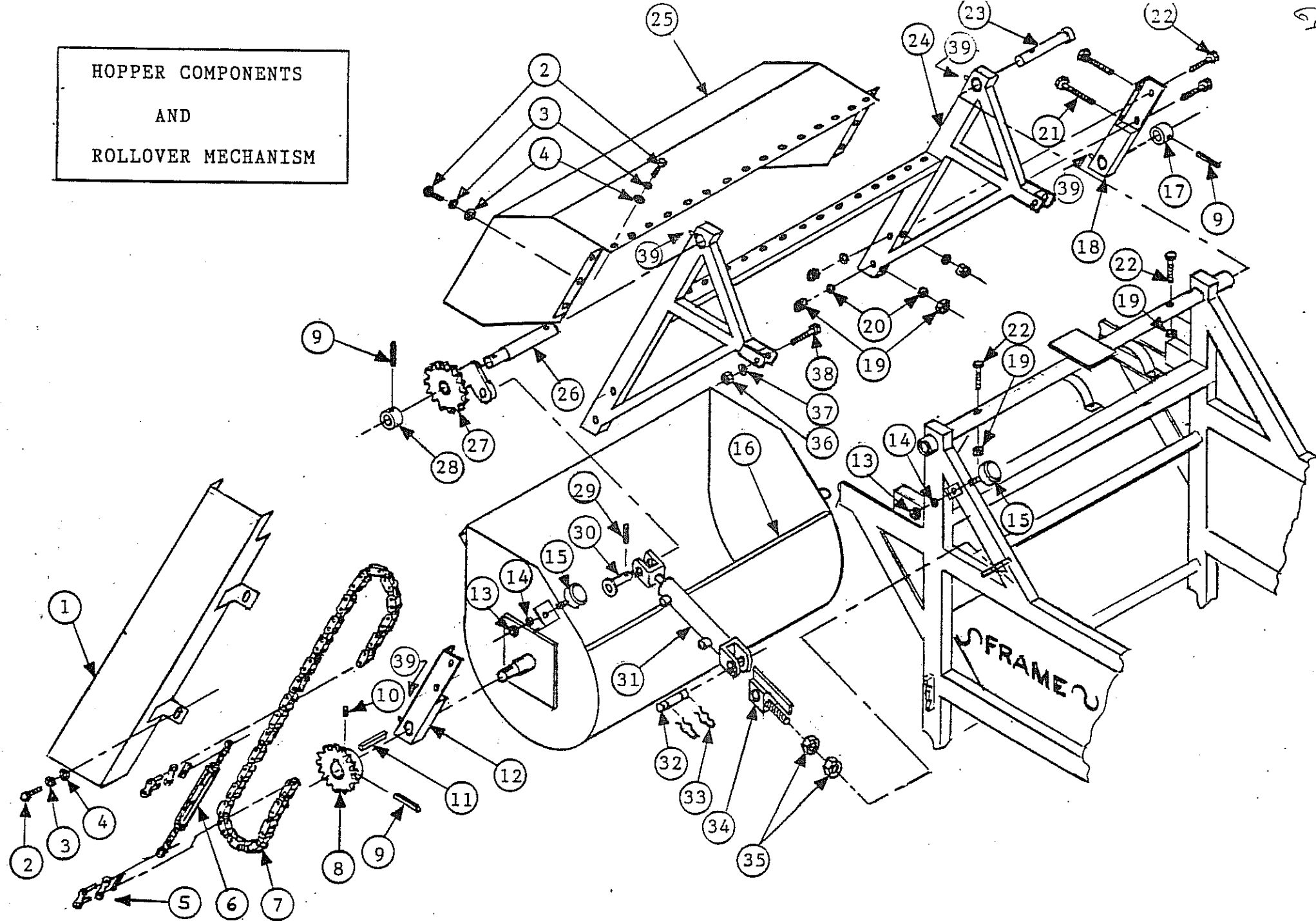


PARTS LISTPOWER STEERING COMPONENTS

Ref No.	Part No.	Description	Qty.
1	000966P	Set Screw, 7/16-14 NC x 1/2	1
2	003014	Spindle Column Wld	1
3	000561W	Pin, P.S. Short	1
4	001689P	Pin, Cotter, 3/16 x 2 ZP	4
5	000556W	Pin, P.S. Long	3
6	000006M	Washer, Fork, 2"	1
7	000551W	Radius Arm, P.S.	1
8	000126W	Pin, P.S. Rad Arm	1
9	000972P	Pin, Spring, 3/8 x 2	1
10	003038	Cyl Assy, P.S.	1
		Includes:	
	000562W	Cylinder-Power Steering	1
	003036	Rod End, P.S. Cylinder	1
	000788P	Nut, Jam, 3/4-16 ZP	1
	*000562P	Seal Kit, Cyl, PS, 2-1/2" Bore	1
11	003035	Linkage Bar, P.S.	1
12	002881	Fork Wld, Poclain	1
13	002449	Steering Post	1
14	000684W	Retainer, Steering Post	1
15	000058P	Cap, Steering Wheel	1
16	000111P	Nut, Steering Wheel	1
17	000110P	Steering Wheel	1
		Includes: #15	
18	000946P	Bolt, 3/8-16 NC x 1	1
19	000955P	Washer, Lock, 3/8	4
20	002124	Steering Column	1
21	002125	Mtr, P.S. (1008)	1
22	001690P	Screw, Tapping, #10-32 x 1/2	4
23	000706M	Shield, Steering Post	1
24	002163P	Shim, 1 x 1-1/2 x .062"	6
25	000876P	Zerk, 1/8" NPT Spin-Drive	3
26	000402P	Zerk, 1/8" NPT, 5007, 1-3/4 OAL	2
27	000877P	Zerk, 1/4-28 NF, Spin-Drive	4
28	000917P	Washer, Lock, 3/16	4
29	000483M	Spacer, Stabilizer 3-1/4"	2

*000562P SEAL KIT UPDATED P/N: 71.P259901

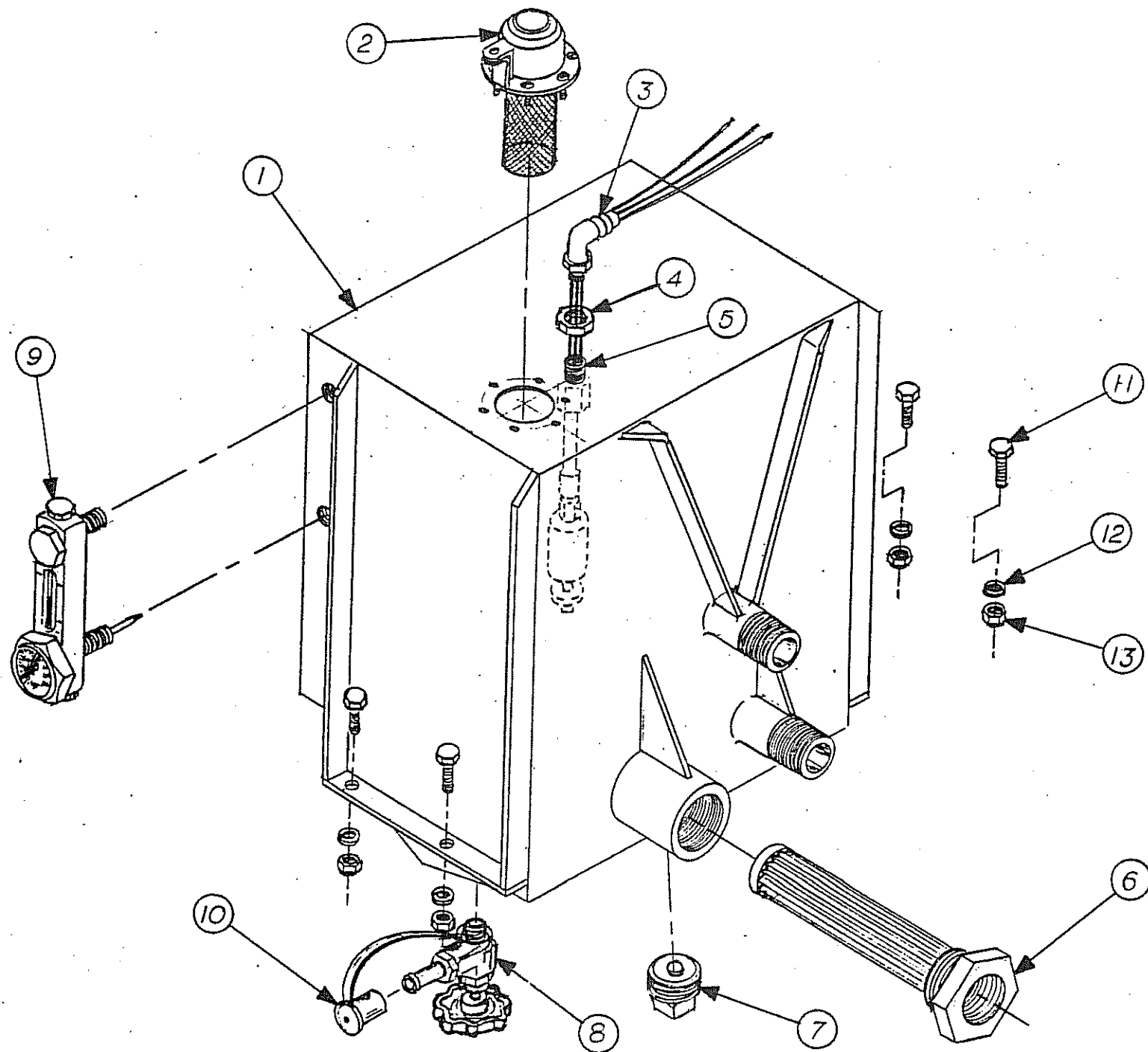
HOPPER COMPONENTS
AND
ROLLOVER MECHANISM



PARTS LISTHOPPER COMPONENTS AND ROLLOVER MECHANISM

Ref No.	Part No.	Description	Qty
1	002279	Guard, R/O Chain	1
2	000900P	Bolt, 1/4-20 NC x 3/4	27
3	000909P	Washer, Lock, 1/4	27
4	000910P	Washer, Flat, 1/4	27
5	000284P	Chain Link, #80 Connector	2
6	000268A	Turnbuckle Assy	1
7	000266M	Chain, #80, Rollover Hopper Includes: #5	1
8	000267W	Sprocket, Hopper-Driven 16T	1
9	000971P	Pin, Spring, 3/8 x 2-1/2	3
10	000792P	Set Screw, 3/8-16 NC x 1/4	1
11	000069M	Key, Hopper Sprocket	1
12	003019	Boom Arm Wld, RH Detachable	1
13	000953P	Nut, Lock, 3/8	2
14	000955P	Washer, Lock, 3/8	2
15	000358M	Stop, Rubber	2
16	000238W	Hopper Wld	1
17	000365M	Collar, Retaining, Hopper	1
18	003018	Boom Arm Wld, LH Detachable	1
19	000988P	Nut, Lock, 1/2-13 NC	10
20	000990P	Washer, Lock, 1/2	8
21	000987P	Bolt, 1/2-13 NC x 4	4
22	000986P	Bolt, 1/2-13 NC x 3	6
23	000243W	Boom Swivel Wld, L.H.	1
24	003022	Boom Weldment	1
25	000124W	Hood Wld	1
26	000292M	Boom Swivel - R.H.	1
27	0003032	Crank, Hopper	1
28	000274M	Collar, Retaining, Hopper Crank	1
29	000972P	Pin, Spring 3/8 x 2	2
30	000550W	Pin, Rollover Cylinder	1
31	002143	Cylinder, Hopper	1
	*000397P	Seal Kit, Hopper Cyl	1
32	000359P	Pin, Clevis (1")	1
33	000349P	Clip, Clevis Pin	2
34	000240W	Adj. Base, Hopper Cylinder	1
35	000939P	Nut, Hex, 3/4-10 NC	2
36	000932P	Nut, Lock, 5/8-11 NC	2
37	000935P	Washer, Lock, 5/8	2
38	000366M	Pin, Clevis (5/8" Bolt)	2
39	000401P	Zerk, 1/8 NPT, 5003, 1-1/4 OAL	4

*000397P SEAL KIT UPDATED P/N: 71.P259090



PARTS LIST
OIL TANK ASSEMBLY

<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	002663	Tank, Hyd Oil 12 Gal, Wld	1
2	000174P	Filler/Breather Kit	1
3	000683P	Elbow, Plastic	1
4	000788P	Nut, Jam, 3/4-16 NF	1
5	001784A	Sender Assy, Hyd Lev/Temp	1
6	000184P	Strainer, Hyd Oil	1
7	000059P	Plug, Magnetic Drain 1-1/2"	1
8	000109P	Valve, Oil Tank Drain	1
9	000176P	Gauge, Oil Sight	1
10	002085P	Cap, Dust, Oil Tank Drain	1
	002664	Tank, Hyd Oil 12 Gal, Assy	1
		Includes: #1-#10	
11	000947P	Bolt, 3/8-16 NC x 1-1/4	4
12	000955P	Washer, Lock, 3/8	4
13	000953P	Nut, Lock, 3/8-16 NC	4

FUEL SHUT OFF
SOLENOID
AGC 15 AMP

(LOWER
RED
LIGHT

Check hydraulic oil tank for high temperature or low fluid level.

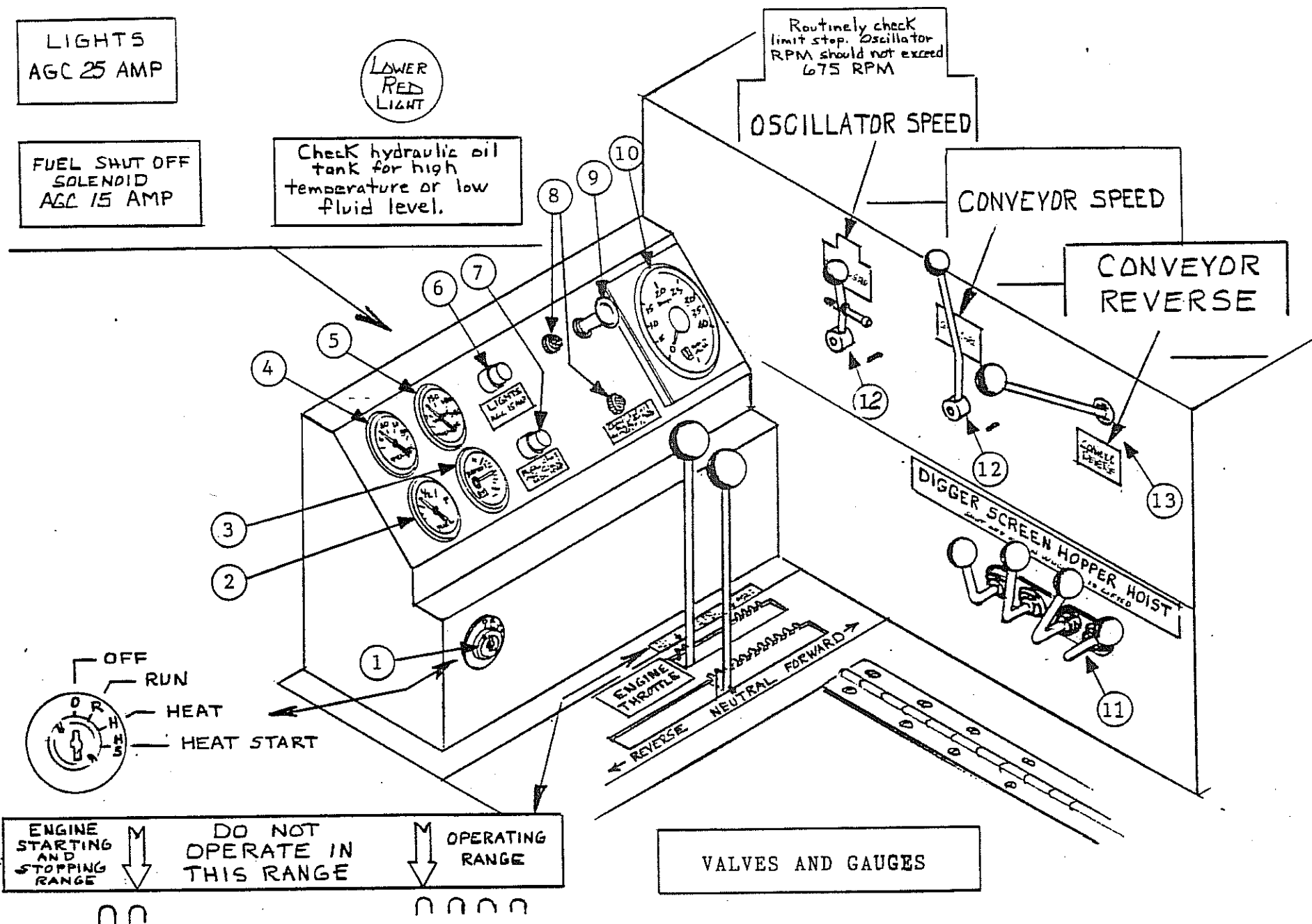
Routinely check
limit stop. Oscillator
RPM should not exceed
675 RPM

OSCILLATOR SPEED

CONVEYDR SPEED

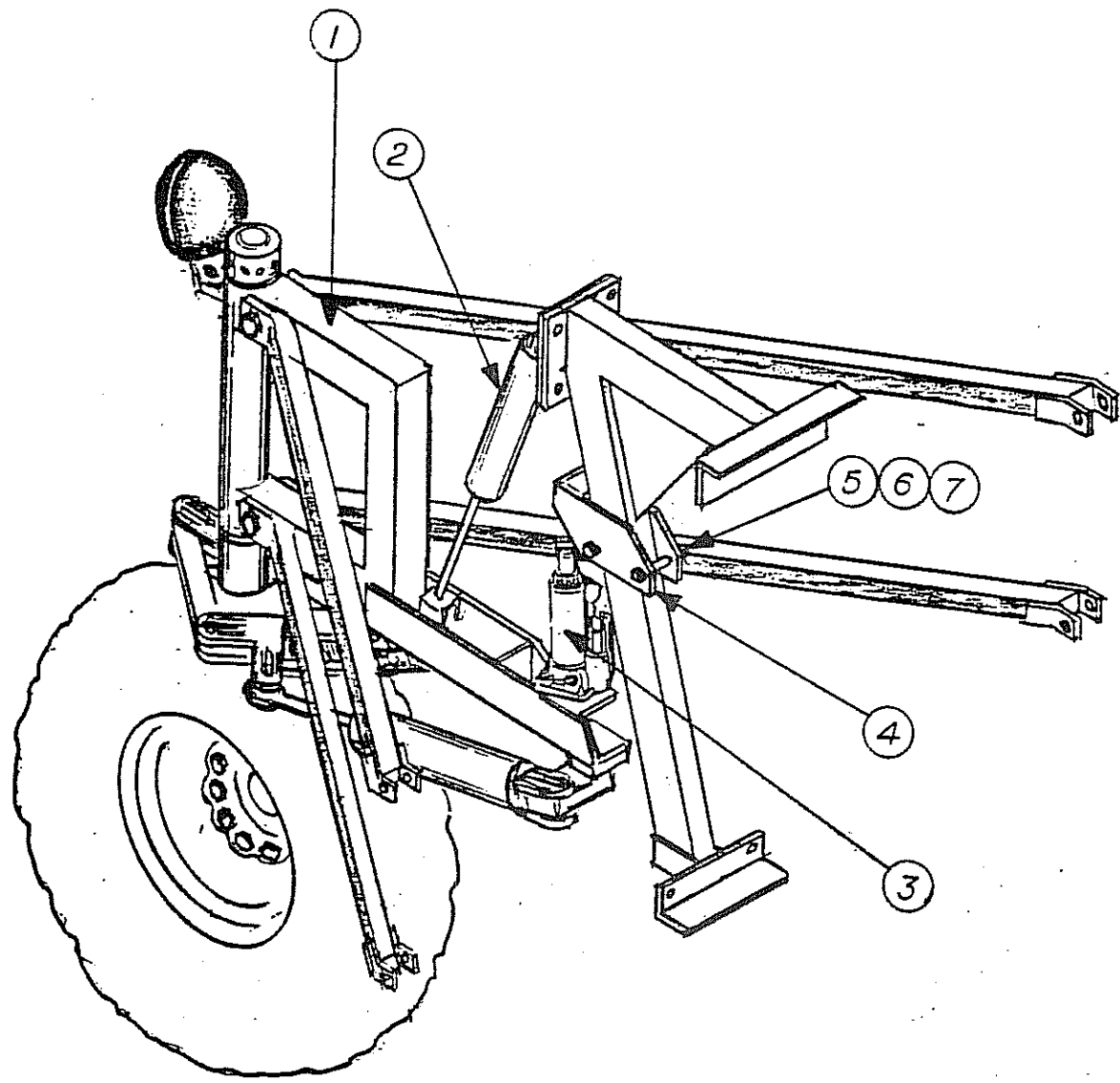
CONVEYOR
REVERSE

VALVES AND GAUGES



PARTS LIST
VALVES AND GAUGES

Ref No.	Part No.	UPDATED P/N	Description	Qty
1	000385P	71.P298135	Switch, Ignition (Perkins)	1
2	000515P		Gauge, Fuel Tank	1
3	002199P		Gauge, Voltmeter	1
4	000102P		Gauge, Engine Oil Pressure	1
5	000103P		Gauge, Water Temperature	1
6	002444		Fuseholder, Ring/Spade	1
7	002443		Fuseholder, Ring/Butt	1
8	000089P		Light, Pilot	2
9	000091P		Switch, Light	1
10	000438P		Gauge, Tachometer/Hourmeter	1
11	000514A		Valve Bank Assy	1
12	002291		Valve, Flow Control	2
13	002131		Valve, Conveyor Reverse	1

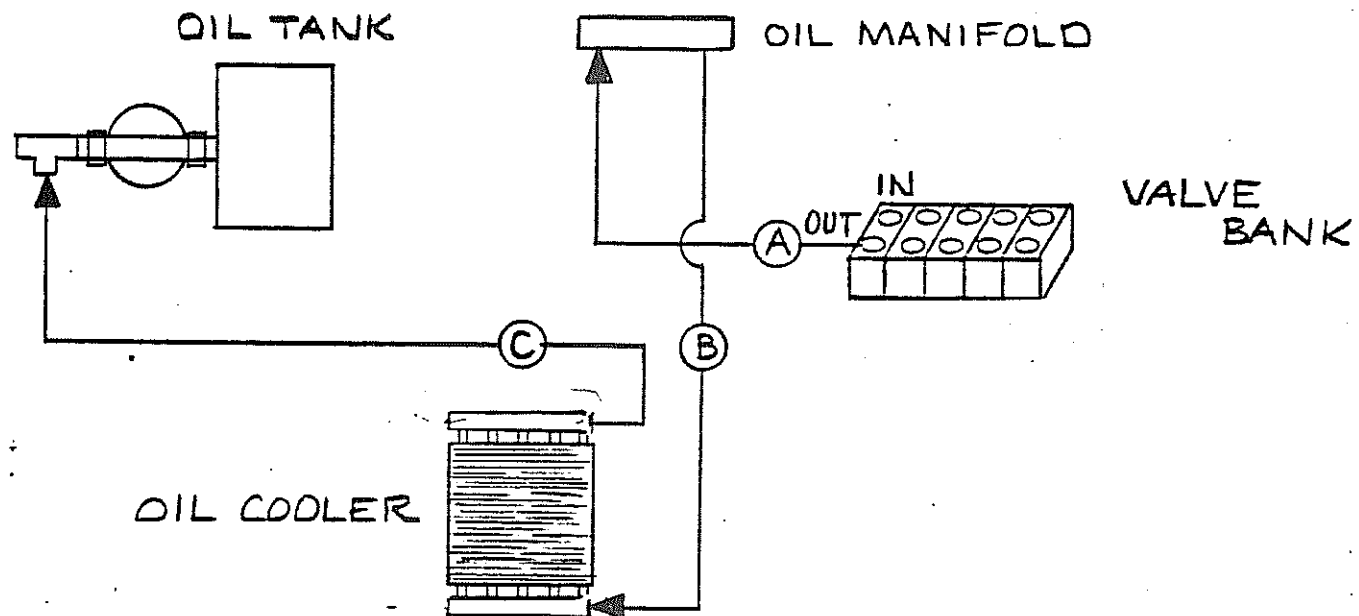


PARTS LIST
EMERGENCY TOW JACK

Ref No.	Part No.	Description	Qty.
1	003014	Spindle Column Wld	1
2	002144	Cyl, Digger	1
3	002162P	Jack, 2 Ton Bottle	1
4	002159	Brkt Emergency Jack	1
5	000996P	Bolt, 5/8-11 NC x 3-3/4"	2
6	000935P	Washer, Lock, 5/8"	2
7	000932P	Nut, Lock, 5/8-11 NC	2

INSTRUCTION: In case of power or Digger Cylinder (#2) Failure, use Hyd. Jack (#3) (located in Battery Box) to raise Digger Points. Follow these steps:

1. Locate Jack (#3) on Spindle Column (#1) as shown.
2. Loosen Bolts (#5) and lower Emergency Jack Bracket (#4) down to jack.
Be sure to position jack ram into the socket of Jack Bracket. (#4)
3. As you jack the front end up, it may be necessary to release line pressure by operating the "Digger" valve handle periodically.



VALVE BANK TO TANK RETURN LINE

- (A) 3A08-10A12, H1066P, 2107-12-12, 0107-12-12
 (B) 2107-16-16, H1068P, 0107-12-16, 2107-12-12
 (C) 2107-12-12, 0107-12-16, H1069P, 0107-16-16, 1" MRO,
 1 1/4 x 1 PTR, FILTER

REPLACED 001432 + 001428 ON 112304 PER 91-034

EXCEPT AS NOTED

SAWING (+) .0 (-) .06

SHEARING (+) .0 (-) .05

WELDMENTS (+) .06 (-) .06

HOLE DIAS. (+) .008 (-) .005

ALL OTHER (+) .015 (-) .015

ANGLES (+) 2° (-) 2°

BREAK ALL CORNERS .005 MINN
 FINISH _____

- DIAGRAM #22 -

HYD. DIAGRAM

001433

REV.

SCALE:

APPROVED BY:

DRAWN BY

DATE:

5-21-90

REVISED

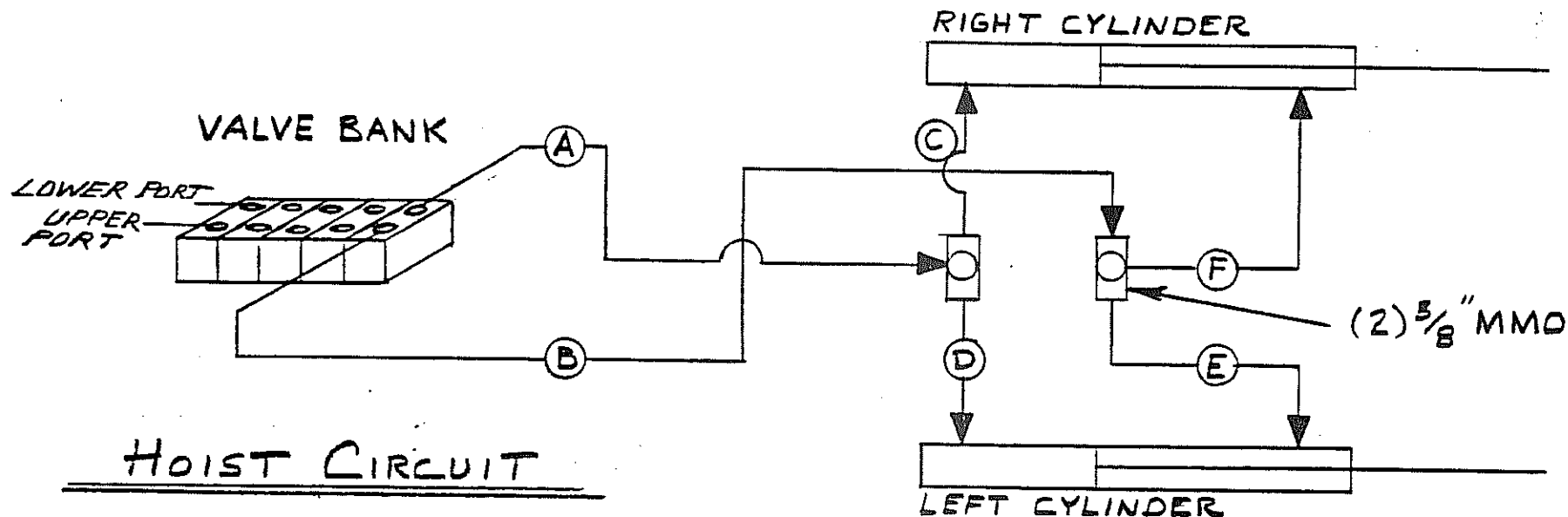
7-1-91 BJC

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

1 OF 10



- (A) B- $\frac{3}{8}$ F50G, $\frac{3}{8} \times \frac{1}{4}$ FF, *KLF25D-S (HUSCO→), 0107-4-6, H1056P, 3107-6-6
- (B) 0507-8-6, H1057P, 3107-6-6
- (C) 0107-6-6, H1014P, 2107-8-6
- (D) 0107-6-6, H1072P, 2107-8-6
- (E) 0107-6-6, H1060P, 2107-8-6
- (F) 3107-6-6, H1017P, 2107-8-6

*000206P ONE WAY NEEDLE VALVE

EXCEPT AS NOTED
 SAWING (+) .0 (-) .06
 SHEARING (+) .0 (-) .06
 WELDMENTS (+) .06 (-) .06
 HOLE DIAS. (+) .008 (-) .005
 ALL OTHER (+) .015 (-) .015
 ANGLES (+) 2° (-) 2°
 BREAK ALL CORNERS .005 MIN
 FINISH _____

-DIAGRAM #23-

001433

HYD. DIAGRAM

SCALE:

APPROVED BY:

DRAWN BY

BC

DATE:

5-21-90

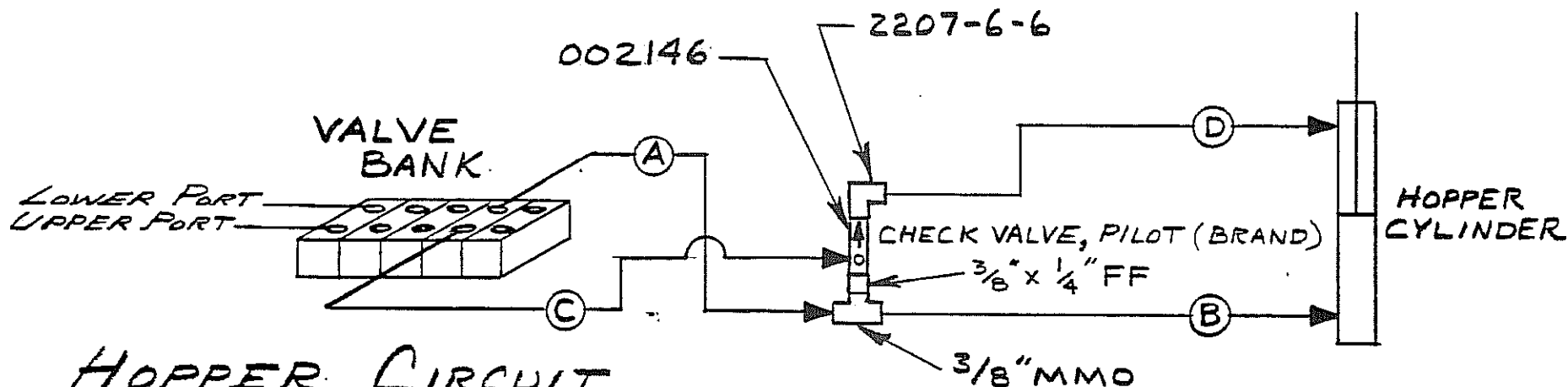
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

2 OF 10



- (A) 8-3/8 F50G, 3/8 x 1/4 FF, *KLN250-S, 0107-4-6, H1059P, 0107-6-6
- (B) H1051P, 2107-8-6
- (C) 0507-8-6, H1058P, 0107-6-6
- (D) H1050P, 2107-8-6

* 000230P 1/4" NEEDLE VALVE

EXCEPT AS NOTED
 SAWING (+) .0 (-) .06
 SHEARING (+) .0 (-) .06
 WELDMENTS (+) .06 (-) .06
 HOLE DIAS. (+) .008 (-) .005
 ALL OTHER (+) .015 (-) .015
 ANGLES (+) 2° (-) 2°
 BREAK ALL CORNERS .005 MIN
 FINISH _____

- DIAGRAM #24 -
 HYD. DIAGRAM

001433

SCALE: _____
 DATE: 5-21-90

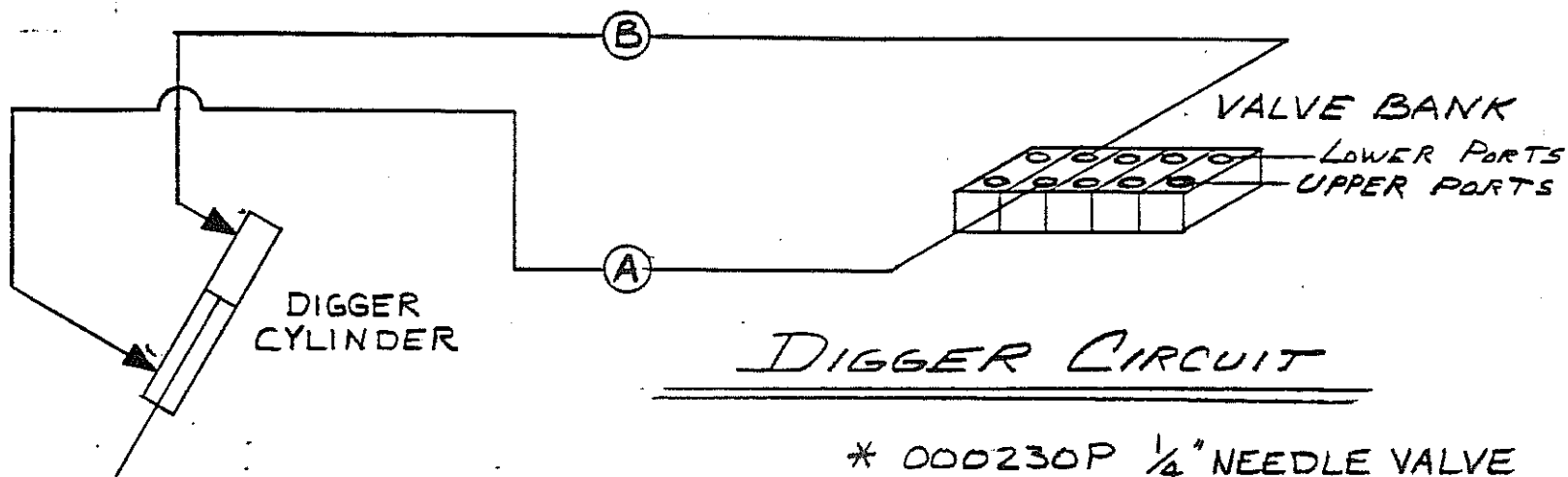
APPROVED BY: _____

DRAWN BY: BC
 REVISED: _____

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

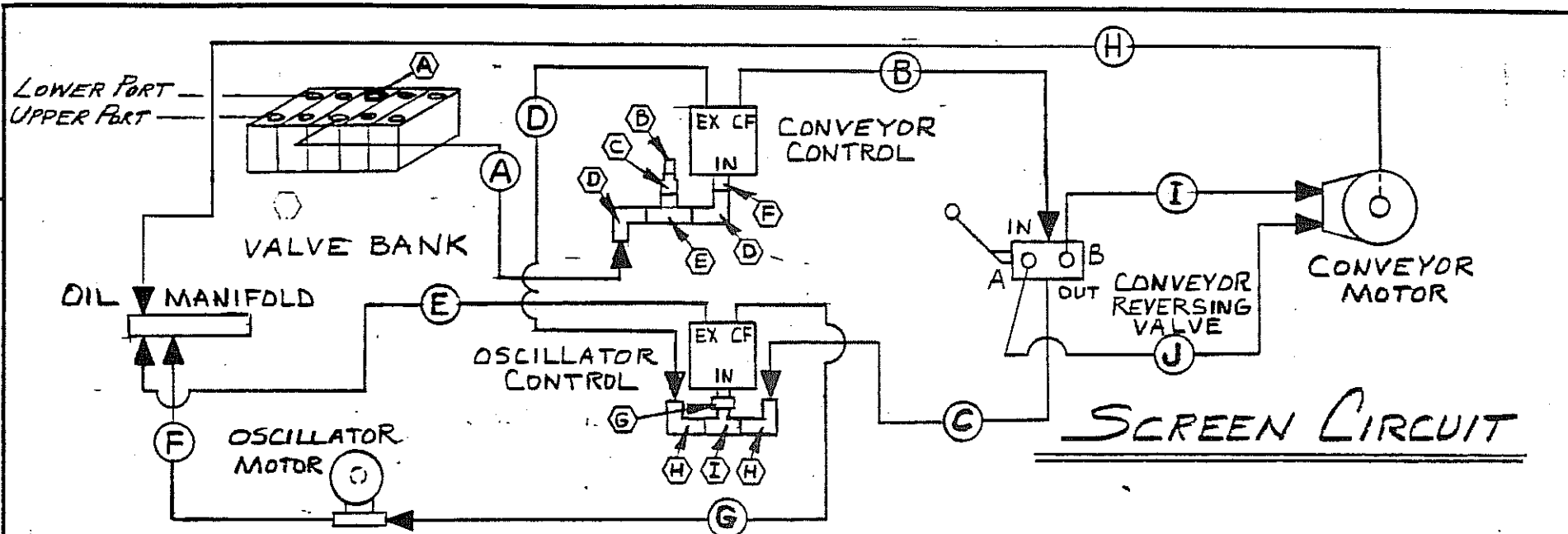
DRAWING NUMBER
 3 OF 10



- (A) 0507-8-6, H1060P, 2107-8-6
- (B) 0507-8-6, H1061P, 2107-4-6, *KLN250-S, 1/2 x 1/4 FF

EXCEPT AS NOTED
 SAWING (+) .0 (-) .06
 SHEARING (+) .0 (-) .06
 WELDMENTS (+) .06 (-) .06
 HOLE DIAS. (+) .008 (-) .005
 ALL OTHER (+) .015 (-) .015
 ANGLES (+) 2° (-) 2°
 BREAK ALL CORNERS .005 MIN
 FINISH _____

- DIAGRAM # 25 -		001433
HYD DIAGRAM		
SCALE: 	APPROVED BY:	DRAWN BY: <i>BC</i>
DATE: 5-21-90		REVISED:
CHERRINGTON CORPORATION		
FAIRFAX, MINNESOTA 55332		DRAWING NUMBER 40F10



- | | |
|--|----------------|
| (A) 0507-8-8, H1025P | (E) 1/2" MRO |
| (B) 0507-12-12, 2107-12-8, H1025P, 2107-12-8 | (F) 0507-12-8 |
| (C) 2107-12-8, H1025P | (G) 0507-12-12 |
| (D) 0507-12-12, 2107-12-8, H1025P | (H) 2107-12-8 |
| (E) 0507-12-12, 2107-12-8, 2107-8-8, H1062P, 2107-8-8 | (I) 3/4" MMS |
| (F) 2507-10-8, H1063P, 2107-8-8, 0107-8-8 | |
| (G) 0507-12-12, 2107-12-8, 2107-8-8, H1052P, 3107-8-8, 2507-10-8 | |
| (H) 2507-4-4, 3107-4-4, H1029P, 2107-4-4 | |
| (I) 2107-8-8, H1031P, 3507-10-8 | |
| (J) 0107-8-8, 2107-8-8, H1030P, 3507-10-8 | |

- | |
|---------------------|
| (A) 8P50N |
| (B) PD-343 |
| (C) 1/2" x 1/4" PTR |
| (D) 2107-8-8 |

- DIAGRAM #26A -
HYD. DIAGRAM

001433

SCALE:

APPROVED BY:

DRAWN BY

DATE:

5-21-90

REVISED

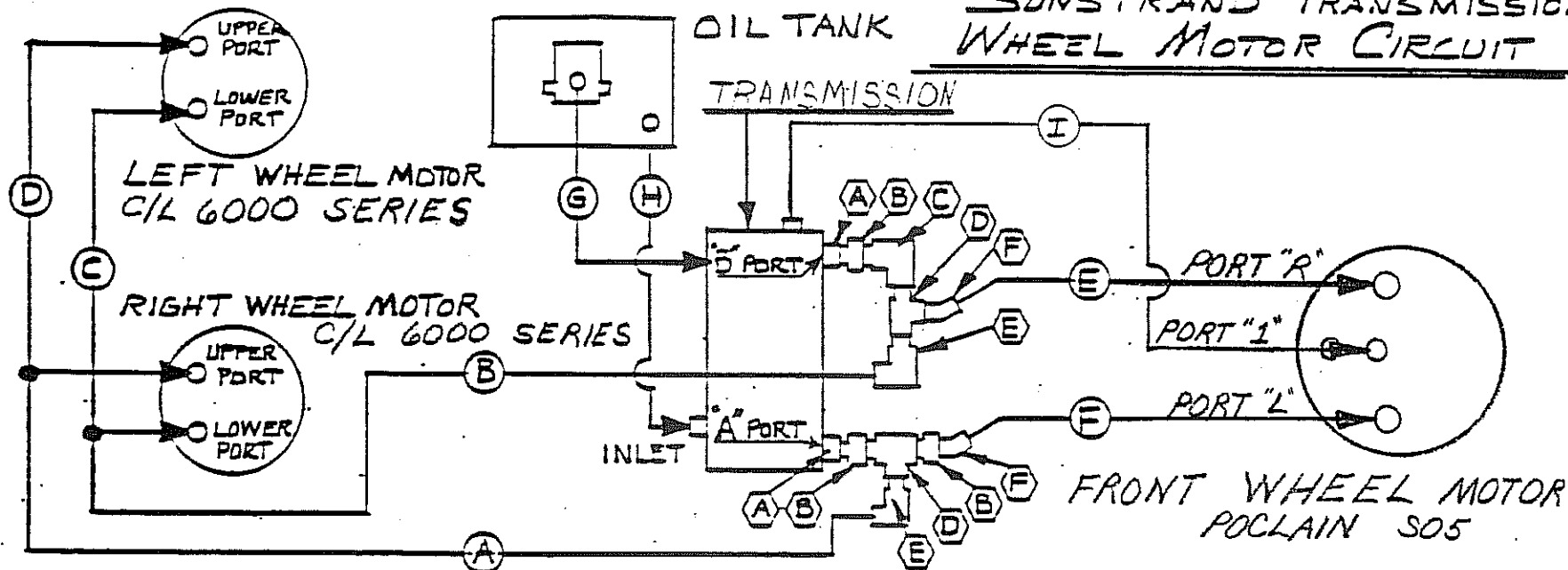
CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

5 OF 10

SUNSTRAND TRANSMISSION WHEEL MOTOR CIRCUIT



- (A) H1064P, 0107-8-8, 1/2" MRO, 2107-12-8, 16-3/4 F50G
- (B) H1064P, 0107-8-8, 1/2" MRO, 0107-8-8, 2107-12-8, 16-3/4 F50G
- (C) > STD MODEL < H1034P,
H1035P, 2107-8-8, 0107-12-8, 16-3/4 F50G
- (D) < CAB MODEL - H1054P,
- (E) H1065, 3107-12-8, 3/4 - 3/4 F4GH-S
- (G) 1 x 1/2 PTR, 2107-8-8, H1012P, 2107-8-8, 0507-12-8
- (H) FILTER, 1 1/4 x 3/4 PTR, 45" ST EL
ZINGA FT-0710-ZP, H1071P,
ZINGA FT-0710-ZP, 16-3/4 F50G
- (I) 2507-6-4, H1043P, 3107-4-4,
1/4 x 1/4 F4GH-S

- (A) - 16-3/4 F50G
- (B) - 0107-12-12
- (C) - 2107-12-12
- (D) - 3/4" MRO
- (E) - 2107-12-8
- (F) - 3107-12-8

HYD. DIAGRAM

001433

SCALE

DRAWN BY JCG

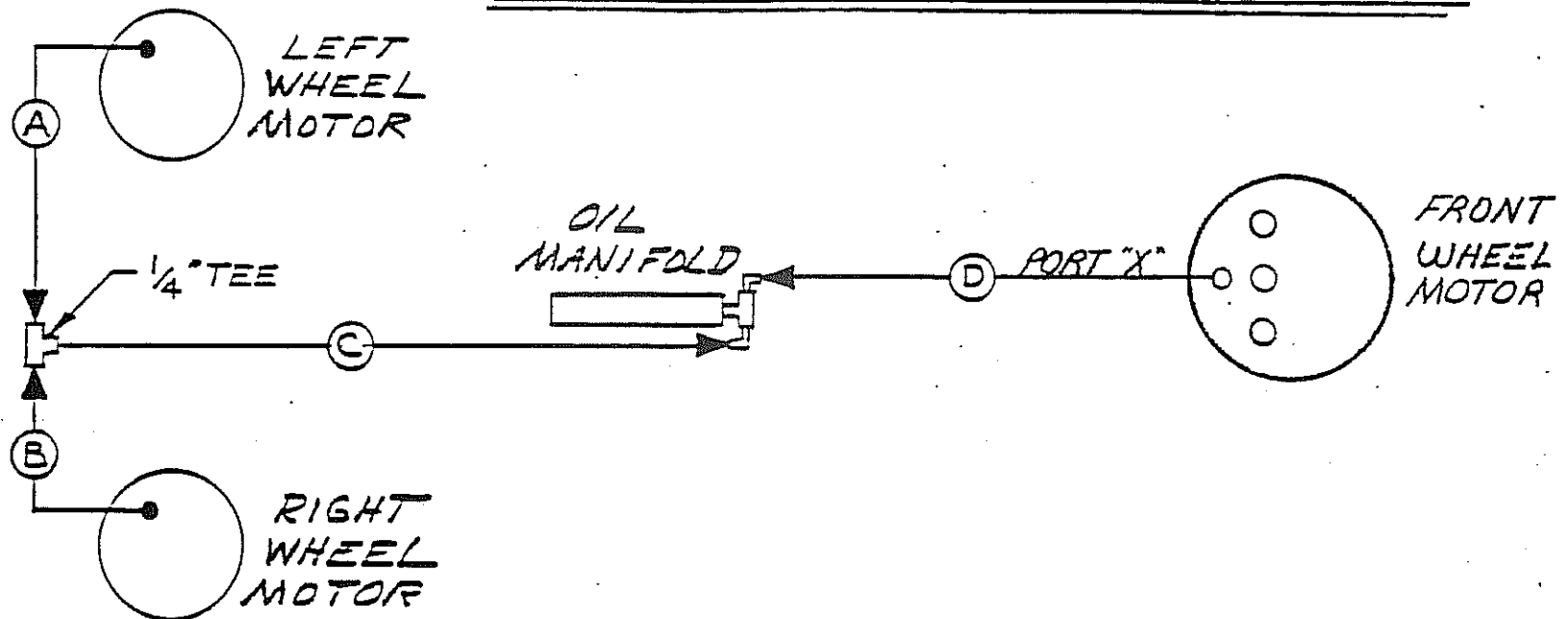
DATE: 9-11-91

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER
6 OF 10

WHEEL MOTOR CASE DRAINS



- ① STD MODEL - 3507-4-4, H1100P, 0107-4-4
- ① CAB MODEL - 3507-4-4, H1101P, 0107-4-4
- ② 0507-4-4, H1099P, 0107-4-4
- ③ 2107-4-4, H1083P, 2107-6-4, $\frac{3}{8}$ MMO $\frac{1}{2} \times \frac{3}{8}$ FF
- ④ $\frac{3}{8} \times \frac{3}{8}$ F4GH-S, 0107-6-4, 3107-4-4, H1043P, 3107-4-4, $\frac{3}{8} \times \frac{1}{4}$ PTR

EXCEPT AS NOTED
 SAWING (+) .0 (-) .06
 SHEARING (+) .0 (-) .06
 WELDMENTS (+) .06 (-) .06
 HOLE DIAS. (+) .008 (-) .005
 ALL OTHER (+) .015 (-) .015
 ANGLES (+) 2° (-) 2°
 BREAK ALL CORNERS .005 MIN
 FINISH _____

HYD. DIAGRAM

001433

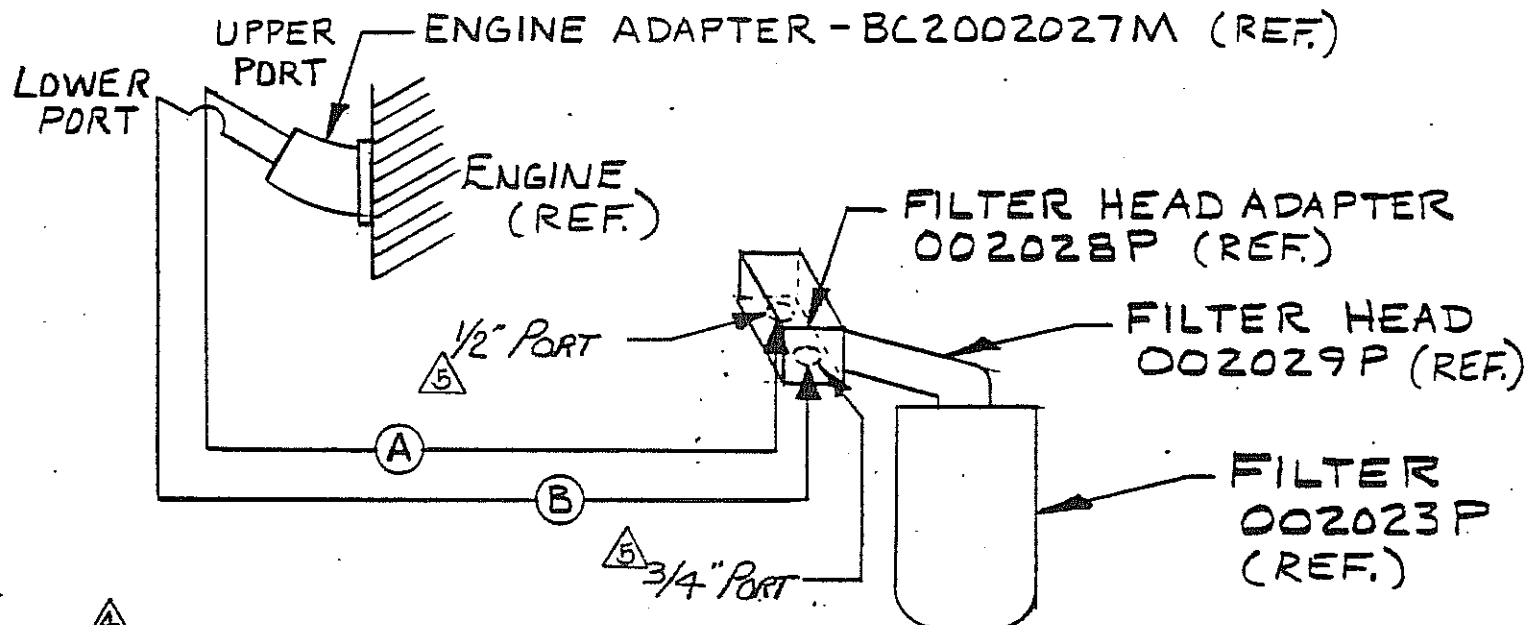
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 DATE 9-12-91

DRAWN BY LCB

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER
 7 OF 10



- ① UPPER PORT, 0107-8-8, 2107-8-8, 2107-8-8, H1085P, 3107-8-8, 1/2" PORT
- ② LOWER PORT, 0107-8-8, 2107-8-8, 2107-8-8, H1084P, 3107-12-8, 0107-12-12, 3/4" PORT

* NOTE: EXTRA CARE MUST BE TAKEN TO CORRECTLY CONNECT THE HOSES AS PERMANENT ENGINE DAMAGE MAY OCCUR IF INCORRECT

EXCEPT AS NOTED
 SAWING (+) .0 (-) .06
 SHEARING (+) .0 (-) .06
 WELDMENTS (+) .06 (-) .06
 HOLE DIAS. (+) .008 (-) .005
 ALL OTHER (+) .015 (-) .015
 ANGLES (+) 2° (-) 2°
 BREAK ALL CORNERS .005 MIN
 FINISH

- ENG. OIL -
 HYD. DIAGRAM

00/433

SCALE: ~
 DATE: 5-21-90

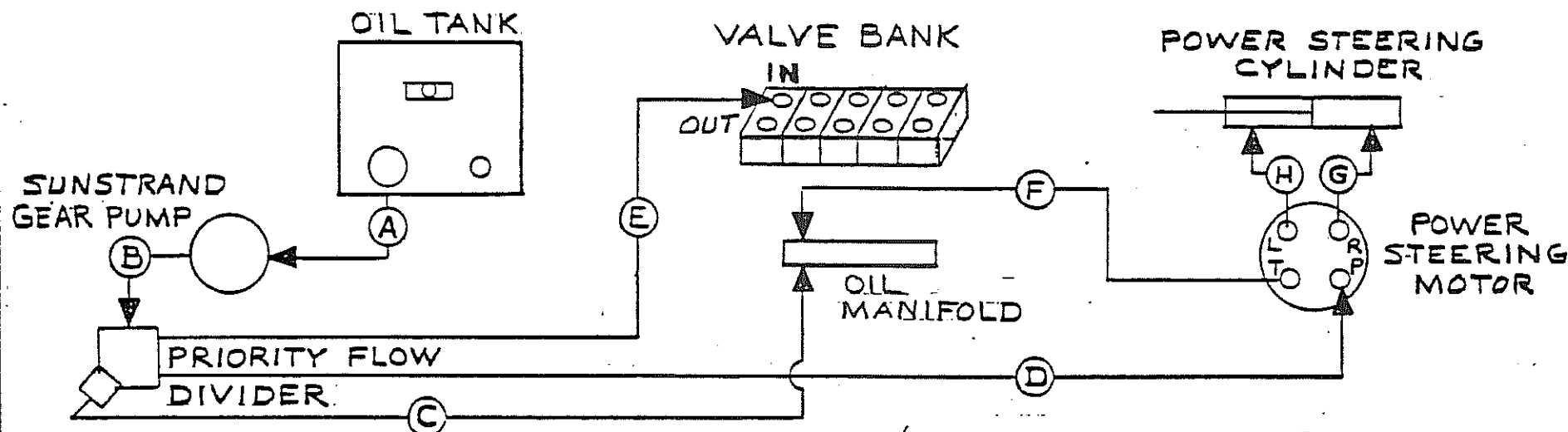
APPROVED BY:

DRAWN BY: BC
 REVISED:

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER
 8 OF 10



SUNSTRAND PUMP/POWER STEERING CIRCUIT

- (A) 90° 1 1/4" ST. ELBOW, ZINGA FT-1215-ZP, H1070P, ZINGA FT-1215-ZP, 20-1 1/4" F50 G
- (B) 16-3/4 F50 G, 2107-12-12, 3107-12-12, H1067P
- (C) 3107-6-6, H1014P, 3107-6-6
- (D) STD MODEL - 2107-6-6, 2107-6-6, H1078P, 3107-6-6, 0507-8-6
- (D) CAB MODEL - 2107-6-6, 2107-6-6, H1092P, 3107-6-6, 0507-8-6
- (E) 2107-12-12, H1004P, 3A08-10A12
- (F) STD MODEL - 0507-8-6, 0107-6-6, 3107-6-6, H1079P, 2107-6-6
- (F) CAB MODEL - 0507-8-6, 3107-6-6, H1093P, 2107-6-6
- (G) STD MODEL - 0507-8-6, 3107-6-6, H1080P, 2107-8-6
- (G) CAB MODEL - 0507-8-6, 3107-6-6, H1094P, 2107-8-6
- (H) STD MODEL - 0507-8-6, 0107-6-6, 3107-6-6, H1081P, 2107-8-6
- (H) CAB MODEL - 0507-8-6, 3107-6-6, H1095P, 2107-8-6

-HYD DIAGRAM-001433

SCALE: —

APPROVED BY:

DRAWN BY

LCB

DATE: 9-11-91

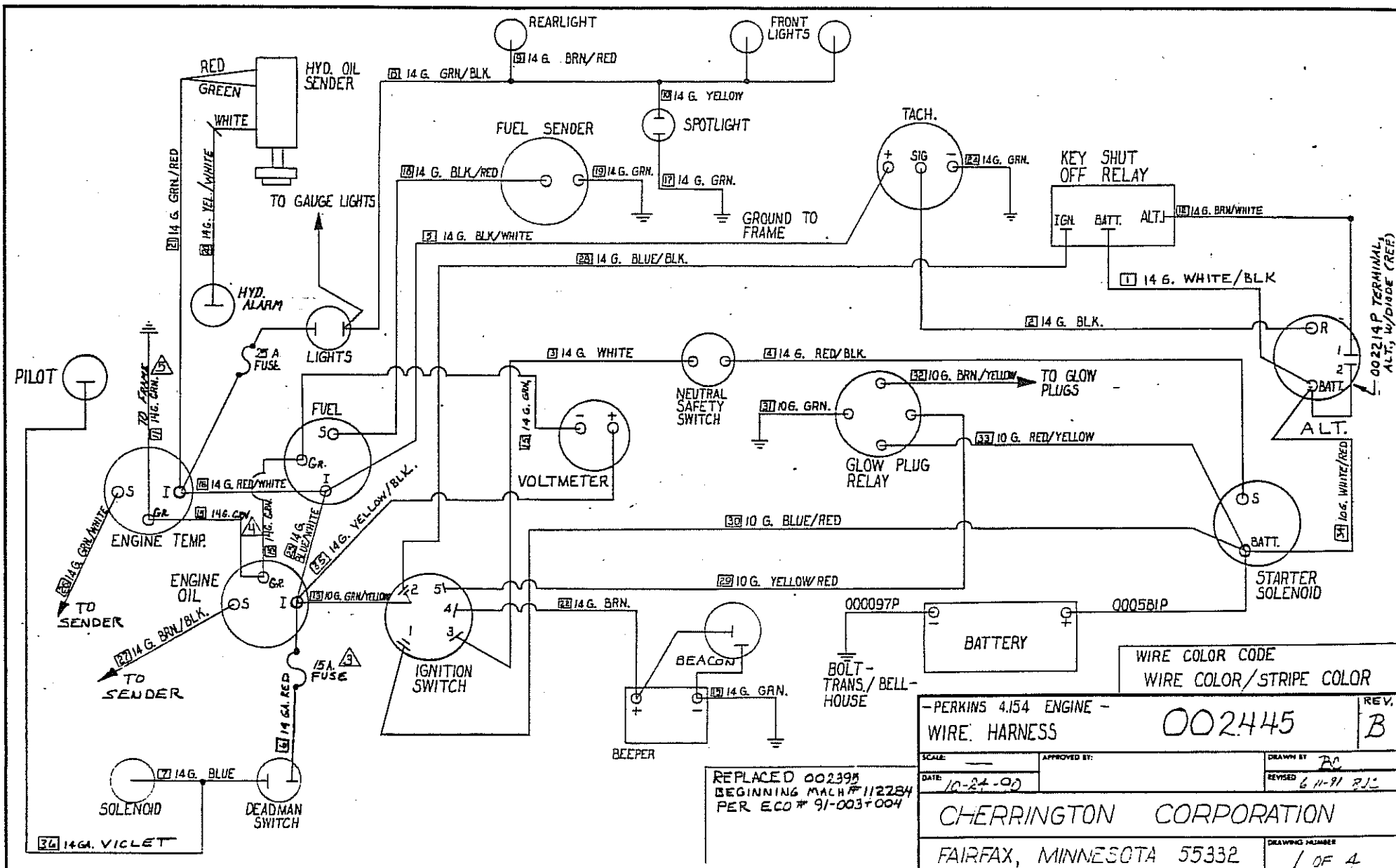
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

9 OF 10



LEGEND OF BC WIRES

.002445

Wire No	Connector	Ga., Color, Length	Connector
1	Ter.Spade #10, 14ga	14, white/blk stripe, 10"	Ter.Ring 1/4", 14ga
2	Ter.Conn, Alt/Tach	Cut to 52" (14 ga bulk)	Ter.Ring #8, 14ga
3	Ter.Ring #8, 14ga	14, white, 123"	Ter.slde, female, 14ga
4	Ter.Ring #10, 14ga	14, red/blk stripe, 73"	Ter.Ring #8, 14ga
5	Ter.Ring, #10, 14ga	14, blk/white stripe, 16"	Ter.Ring #8, 14ga
6		14, red, 132"	*Ter.slde, female, 14ga
7	*Ter.Ring #10, 14ga	14, blue, 96"	*Ter.slde, female, 14ga
8	Ter.spde #10, 14ga	14, grn/blk stripe, 80	Scotchlok
9	Scotchlok	14, brn/red stripe, 47"	*Ter.Butt Conn.
10	*Ter.Butt Conn.	14, yellow, 139"	*Ter.Butt Conn.
11	Ter.Ring, #10, 14ga	14, green, 15"	Ter.Ring 5/16, 14ga
12	Ter.Spade #10, 14ga	14, brn/white stripe, 3"	Ter.slde, female, 14ga
13	Ter.Ring #10, 10ga	10, grn/yellow stripe, 20"	Ter.slde, female, 10ga
14	Q=4 Ter.Ring, #10, 14ga	14, green, 9"	Ter.Ring #10, 14ga
15	Ter.Ring #10, 14ga	14, red/white stripe, 12"	Ter.Ring #10, 14ga
16	*Ter.Butt conn.	14, green, 48"	Ter.Ring 5/16, 14ga
17	Ter.Ring #10, 14ga	14, black/red stripe, 90"	Ter.Ring #10, 14ga
18	Ter.Ring #10, 14ga	14, green, 90"	Ter.Ring #10, 14ga
19	Ter.Butt Conn.	14, yel./white, 80"	*Ter.Butt Conn.
20	Ter.Ring #10, 14ga	14, grn/red stripe, 80"	*Ter.Butt Conn.
21	Ter.Ring #10, 14ga	14, brown, 100"	Ter.slde, female, 14ga
22	Ter.Ring #8, 14ga	14, green, 15"	Ter.Ring #10, 14ga
23	Ter.Ring #10, 14ga	14, blue/white stripe, 12"	Ter.Ring #10, 14ga
24	Ter.Ring #10, 14ga	14, grn/white stripe, 42"	Ter.hook spd#10, 14ga
25	Ter.Ring #10, 14ga	14, brown/blk stripe, 68"	Ter.Ring #10, 14ga
26	Ter.slde, female 14ga	14, blue/blk stripe, 62"	Ter.Spade #10, 14ga
27	Ter.slde, female 10ga	10, yellow/red stripe, 68"	Ter.slde female, 10ga
28	Lg.female slide, 10ga	10, blue/red stripe, 72"	Ter.Ring 3/8, 10ga
29	Ter.slde, female 10ga	10, green, 6"	Ter.Ring 3/8, 10ga
30	Ter.Ring 5/16, 10ga	10, brn/yellow stripe, 6"	Ter.Ring #10, 10ga
31	Ter.Ring 5/16, 10ga	10, red/yellow stripe, 9"	Ter.Ring 3/8, 10ga
32	Ter.Ring 3/8, 10ga	10, white/red stripe, 65"	Ter.Ring 1/4, 10ga
33	Ter.Ring #10, 14ga	14, yellow/blk stripe, 15"	Ter.Ring #10, 14ga
34	Scotchlok	14, violet, 55"	Ter.Butt Conn.

*Assembly after installation