

Cherrington Beachcleaner

OWNER'S MANUAL

PARTS LIST

PRICE LIST

112234 - 112252

**CHERRINGTON CORPORATION
HIGHWAY 19 WEST
FAIRFAX, MN 55332
PHONE 507-426-7261**

PARTS BOOK INDEX

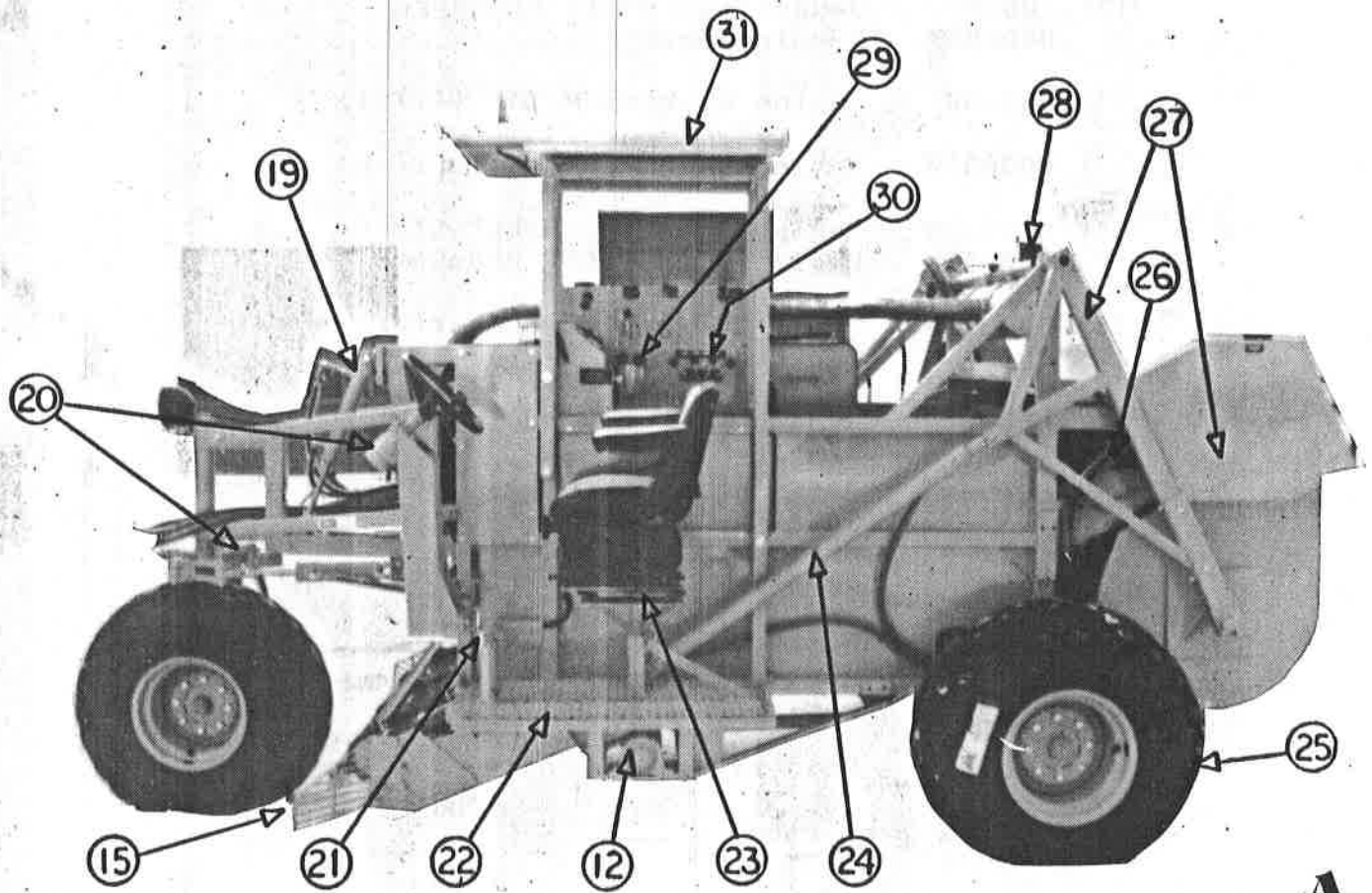
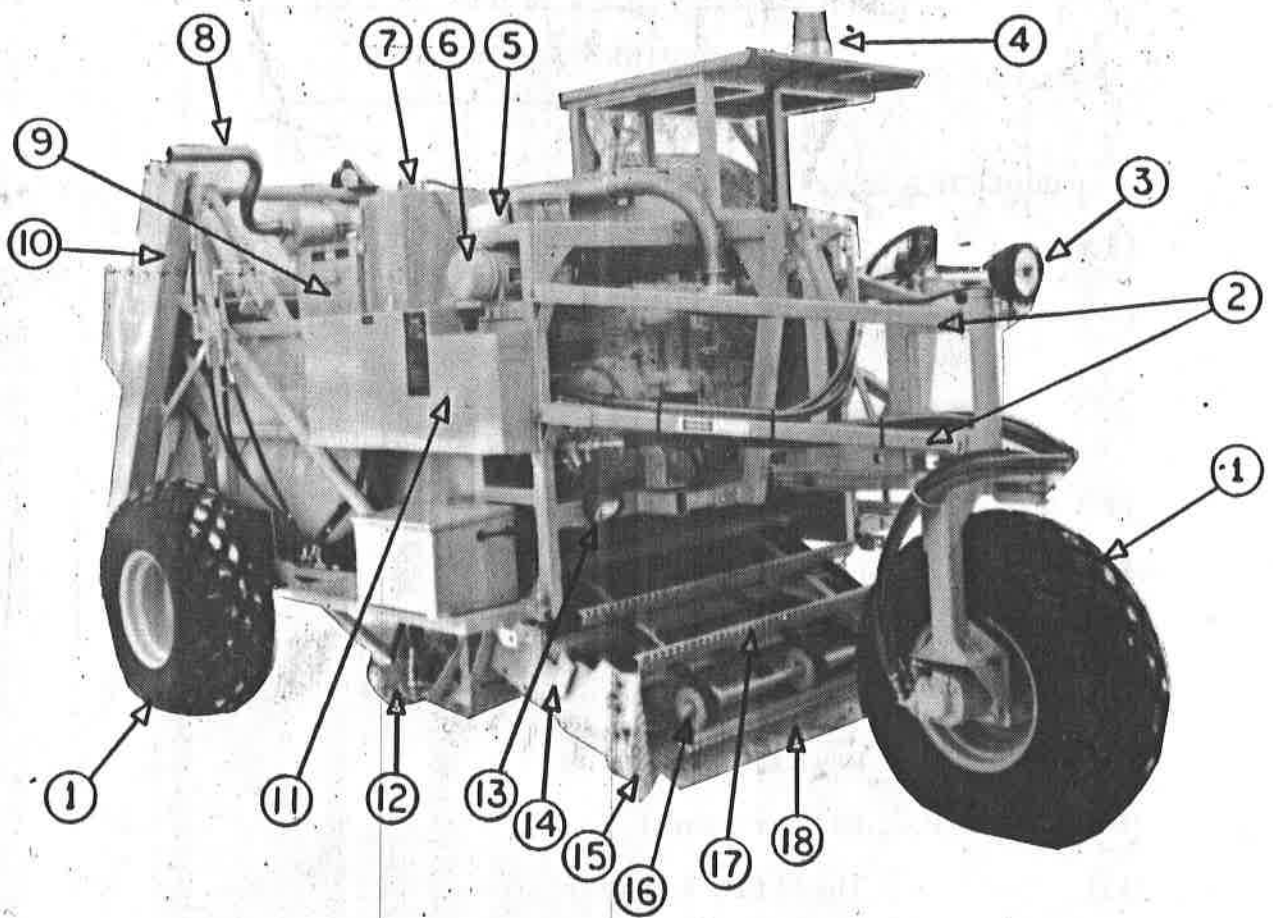
Section

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BEACHCLEANER OVERALL LEGEND

	SECTION	PART NUMBER	DESCRIPTION
1	C	*	Wheel Assembly, (Front & Right)
2	A	000587W	Front Stabilizer (Qty. 4)
		000483M	Stabilizer Spacer-3-1/4" (Qty. 2)
		000400P	Grease Zerk (Qty. 4)
3	A	000443P	Light, Head
4	A	000617P	Light, Revolving
5	A	000180P	Filter, Hydraulic (Return)
		000177P	Filter, Hydraulic-Indicator-Pressure
		000183P	Filter, Hydraulic-Replacement Element
	A	000160P	Filter, Hydraulic (Suction)
		000175P	Filter, Hydraulic-Indicator-Vacuum
		000183P	Filter, Hydraulic-Replacement Element
6	B	*	Air Cleaner
7	H	*	Oil Tank
8	B	*	Exhaust System
9	B	*	Fuel System
10	G	*	Rollover Mechanism
11	-	000158W	Manifold, Oil
	-	000226P	Valve, Priority Flow Divider
12	D	*	Oscillator Mechanism
13	A	000090P	Light, Working (Qty. 3)
14	E	*	Front Conveyor Support Assembly
15	A	002067A	Break-Away Sweep Set
16	E	*	Front Conveyor Shaft
17	E	*	Flight System
18	D	*	Screen/Digger Point System
19	A	000029P	Cylinder, Digger
		000312P	Stroke Control Set
		000396P	Seal Kit
		000646W	Mount, Digger Cylinder
20	F	*	Power Steering Components
21	-	000093P	Switch, Deadman
		000136M	Spring Button, Deadman
22	A	000170W	Platform, Flip
23	A	000597W	Seat, Adjustable
		000753W	Seat Weldment
24	A	000235P	Cylinder, Boom Hoist (Qty. 2)
		* 000394P	Seal Kit UPDATED P/N: 71.P259101
25	C	*	Wheel Assembly (Left)
26	E	*	Conveyor Drive Mechanism
27	G	*	Hopper System
28	A	000518P	Alarm, Back-Up, Adj.
29	B	*	Throttle & Transmission Linkage
30	K	*	Valves and Gauges
31	A	000774A	Canopy R.O.P.S./F.O.P.S.
32	J	*	Emergency Tow Jack

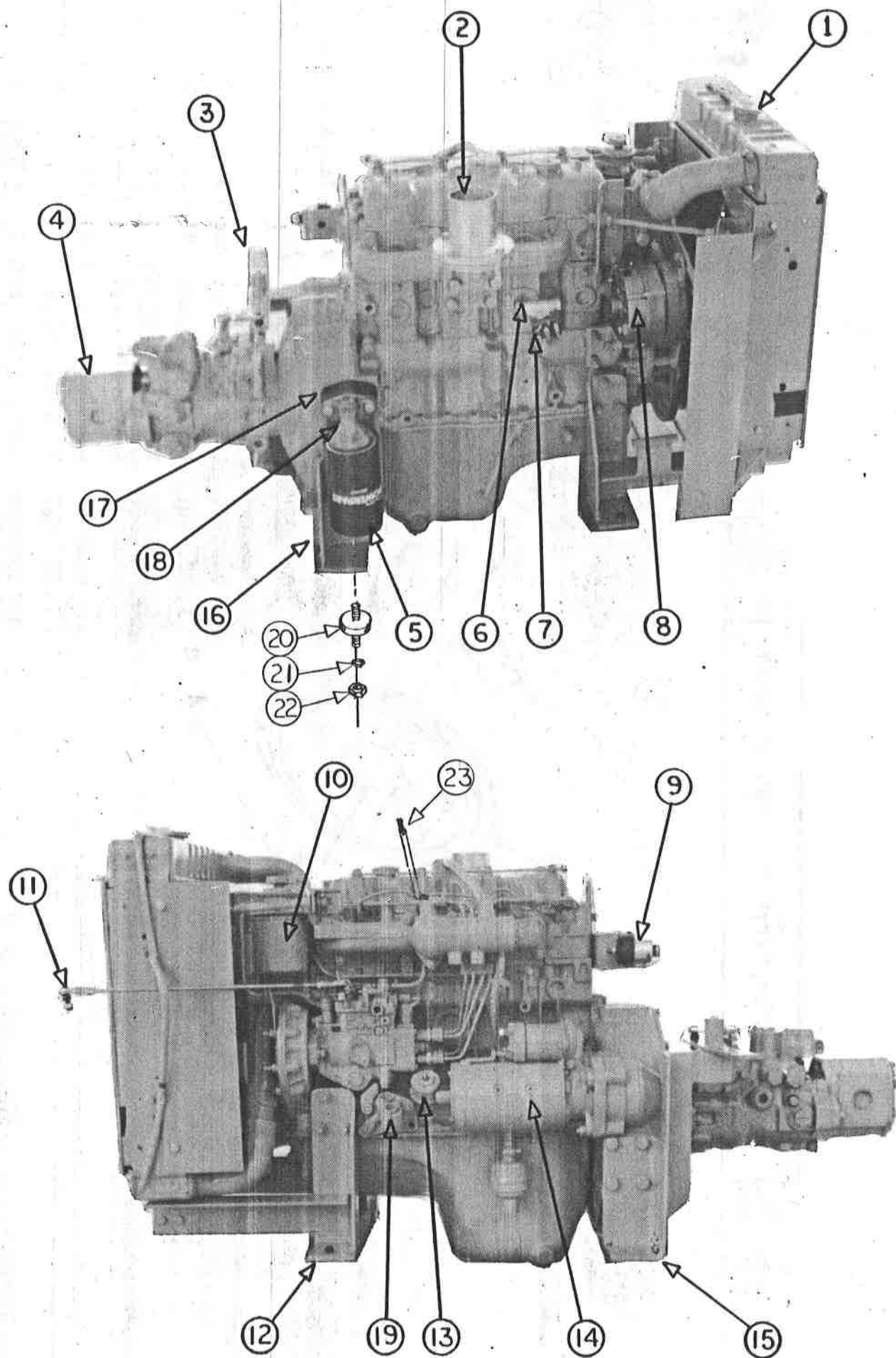
* See Parts Explosion



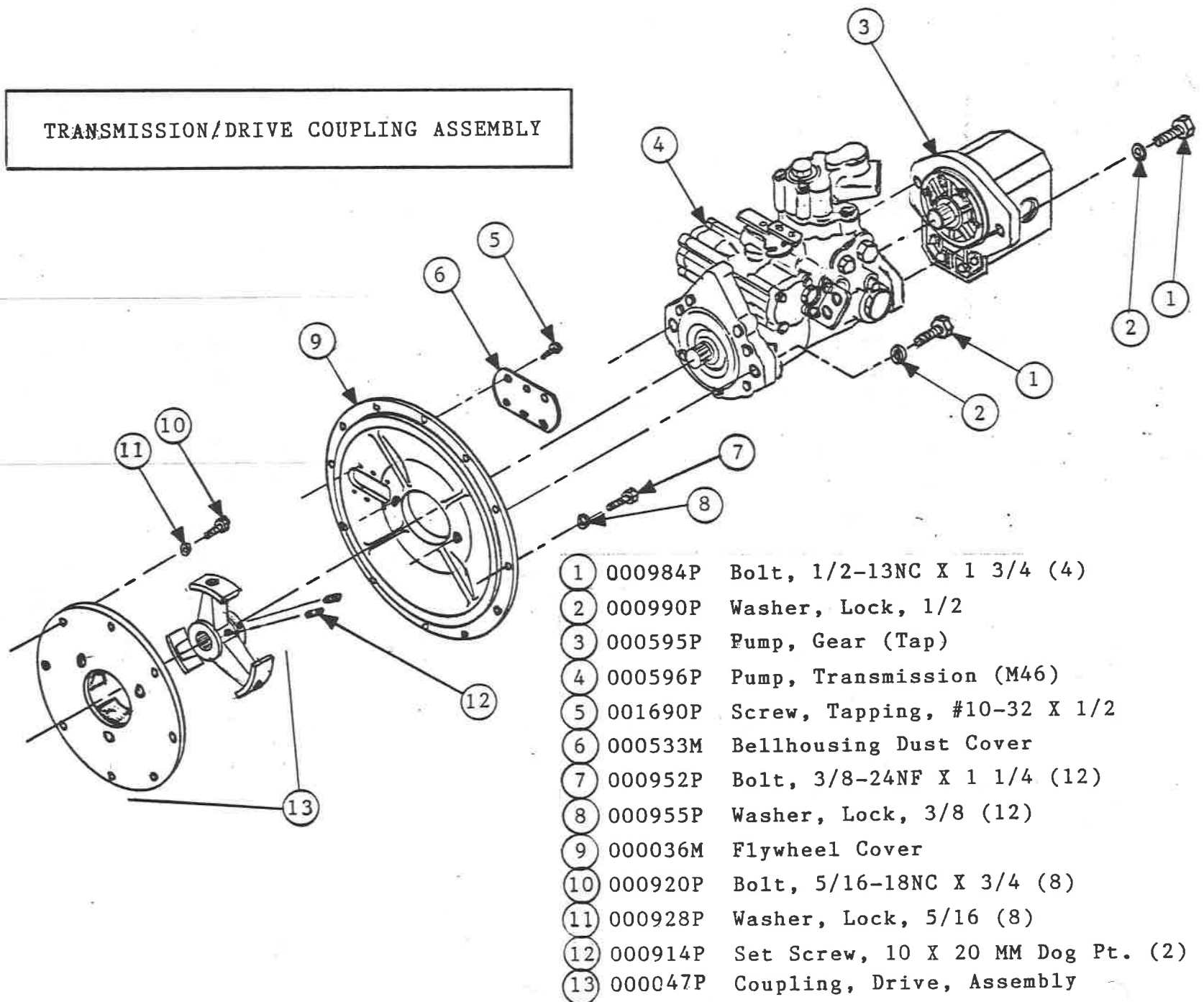
ENGINE/TRANSMISSION

	000563P	Engine, Diesel (Perkins 4.154)
①	*	Radiator & Components
②	*	Exhaust System
③	*	Transmission Linkage
④	*	Transmission/Drive Coupling Assembly
⑤	002023P	Filter, Engine Oil
⑥	000100P	Resistor, Ballast
⑦	000022P	Relay, Key Shut-Off
⑧	000509P	Alternator - 66 AMP.
⑨	000395P	Relay, Glow Plug
⑩	000727P	Filter, Fuel
⑪	*	Throttle Linkage
⑫	*	Engine Mounting Bracket
⑬	000102P 000095P	Gauge-Engine Oil Pressure Sending Unit
⑭	002106	Engine Starter Motor (4.154)
⑮	000631W	Engine Mounting Brkt.-Lt. R.
⑯	000630W 002022M	Engine Mounting Brkt.-Rt. R. Engine Oil Filter Bracket
⑰	002028P 002037P	Remote Filter Head Adapter Gasket, Remote Filter
⑱	002029P	Remote Filter Head
⑲	002027M 001410A	Remote Filter Engine Adapter Engine Oil Hose Kit
⑳	000037P	Mount, Engine (1/2" Rubber) (4)
㉑	000955P	Washer, Lock, 3/8" (8)
㉒	000953P	Nut, Lock, 3/8-16NC (8)
㉓	000099P	Battery Ground Cable - 12"

* See Parts Explosion



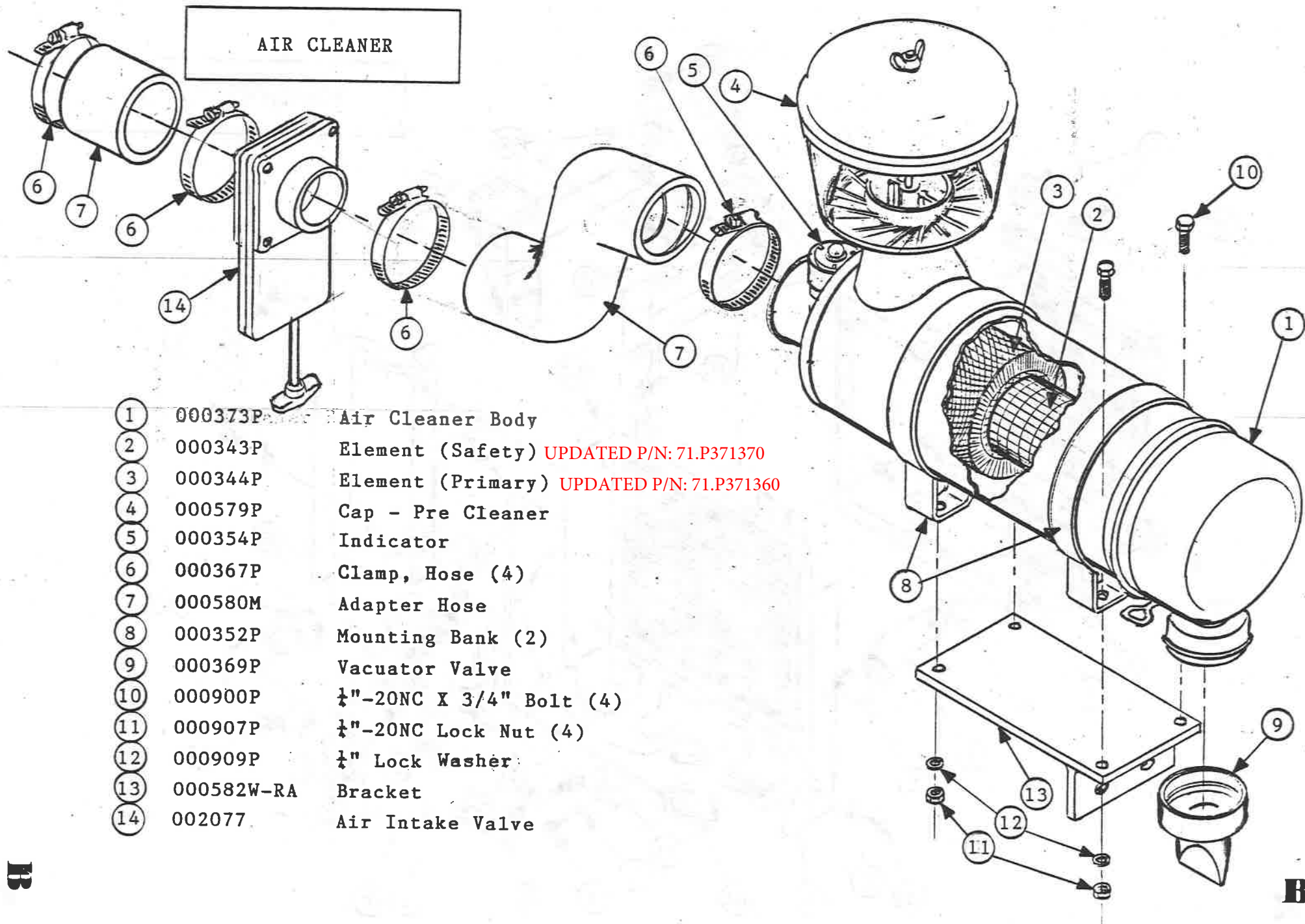
TRANSMISSION/DRIVE COUPLING ASSEMBLY

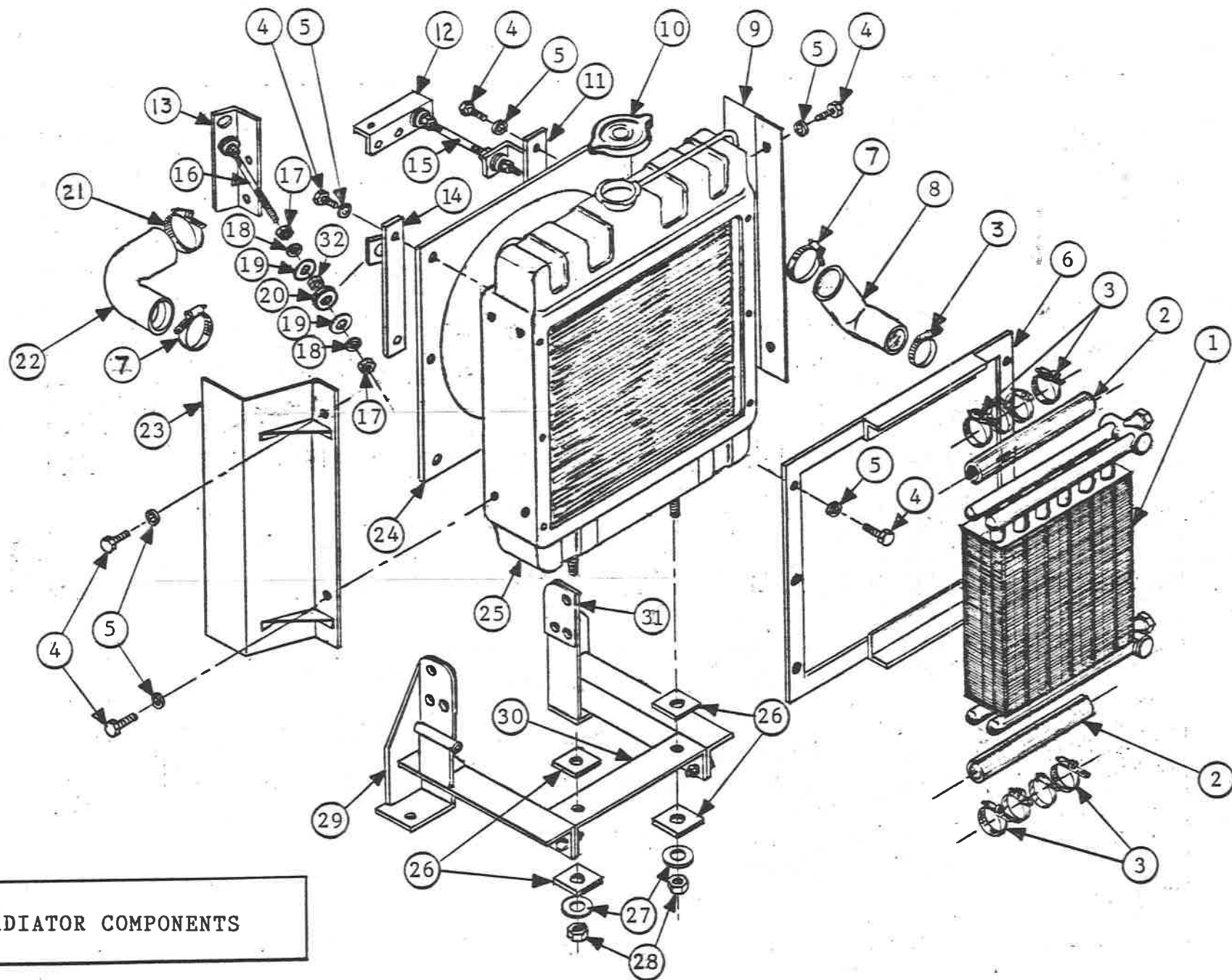


- | | | |
|----|---------|-----------------------------------|
| 1 | 000984P | Bolt, 1/2-13NC X 1 3/4 (4) |
| 2 | 000990P | Washer, Lock, 1/2 |
| 3 | 000595P | Pump, Gear (Tap) |
| 4 | 000596P | Pump, Transmission (M46) |
| 5 | 001690P | Screw, Tapping, #10-32 X 1/2 |
| 6 | 000533M | Bellhousing Dust Cover |
| 7 | 000952P | Bolt, 3/8-24NF X 1 1/4 (12) |
| 8 | 000955P | Washer, Lock, 3/8 (12) |
| 9 | 000036M | Flywheel Cover |
| 10 | 000920P | Bolt, 5/16-18NC X 3/4 (8) |
| 11 | 000928P | Washer, Lock, 5/16 (8) |
| 12 | 000914P | Set Screw, 10 X 20 MM Dog Pt. (2) |
| 13 | 000047P | Coupling, Drive, Assembly |

AIR CLEANER

- 1 000373P Air Cleaner Body
- 2 000343P Element (Safety) UPDATED P/N: 71.P371370
- 3 000344P Element (Primary) UPDATED P/N: 71.P371360
- 4 000579P Cap - Pre Cleaner
- 5 000354P Indicator
- 6 000367P Clamp, Hose (4)
- 7 000580M Adapter Hose
- 8 000352P Mounting Bank (2)
- 9 000369P Vacuator Valve
- 10 000900P $\frac{1}{4}$ "-20NC X 3/4" Bolt (4)
- 11 000907P $\frac{1}{4}$ "-20NC Lock Nut (4)
- 12 000909P $\frac{1}{4}$ " Lock Washer
- 13 000582W-RA Bracket
- 14 002077 Air Intake Valve





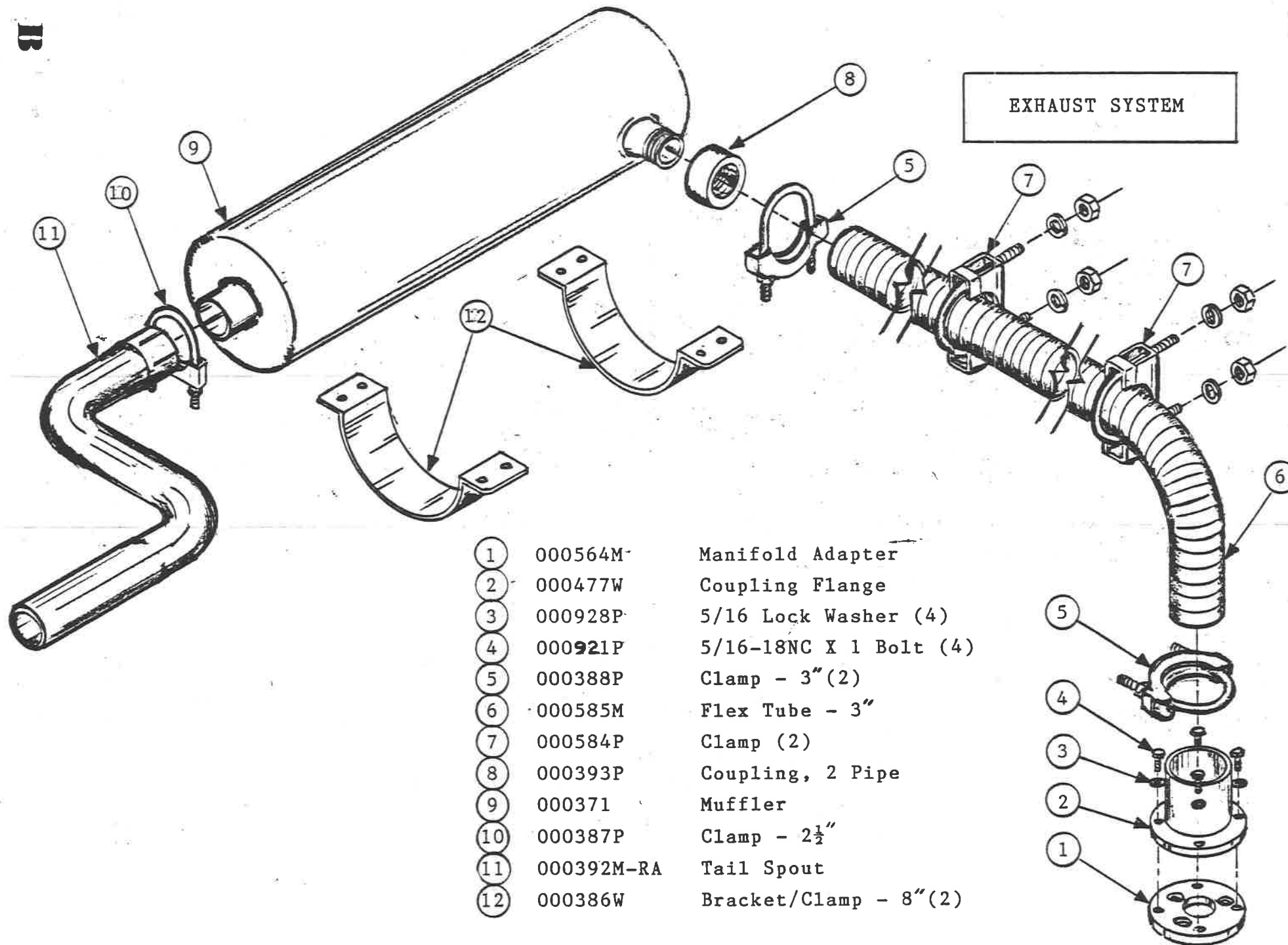
RADIATOR COMPONENTS

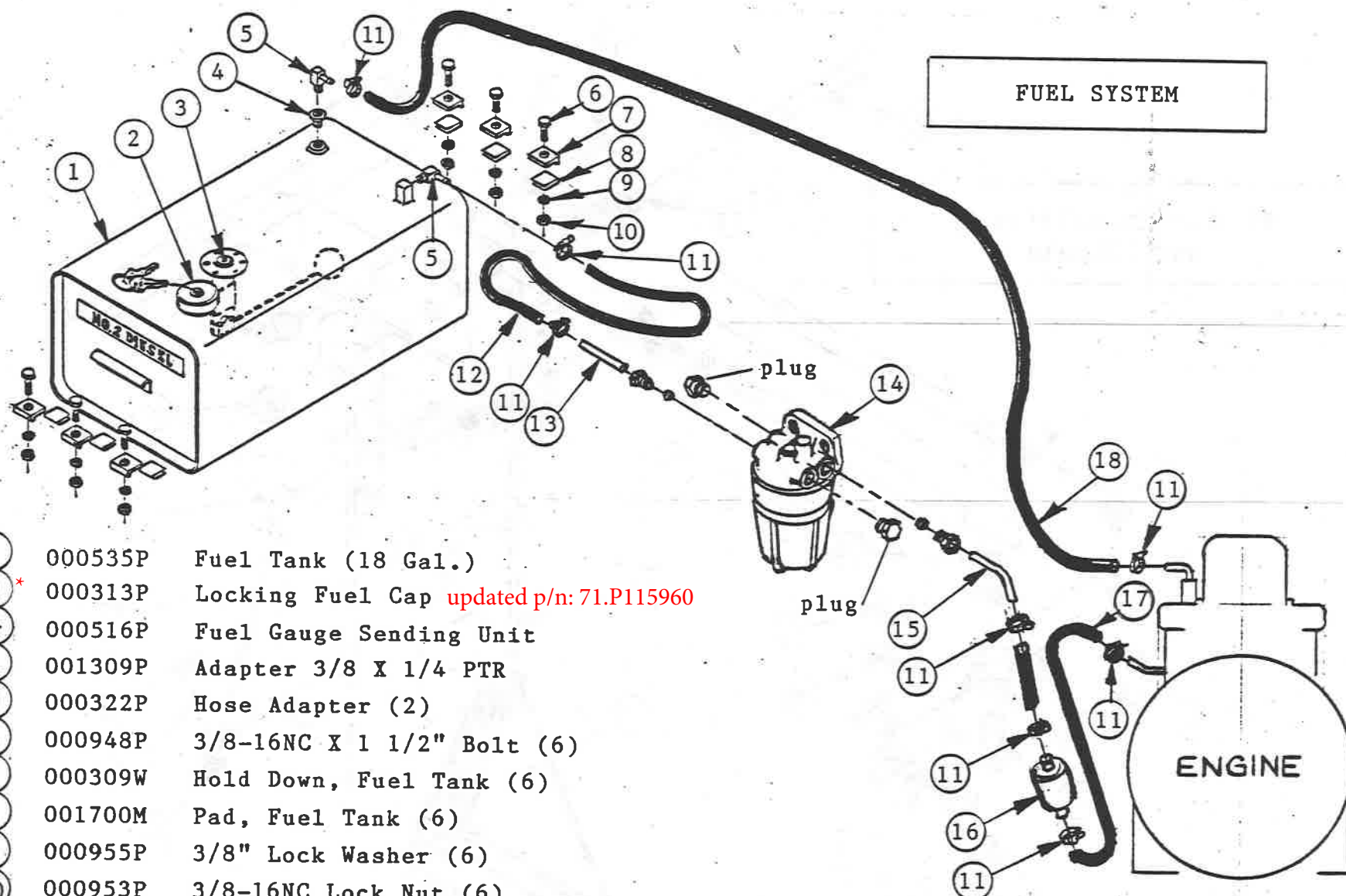
RADIATOR COMPONENTS

1	000650P	Cooler, Hydraulic Oil	17	000974P	Nut, Hex, 7/16-20NF (8)
2	000748M	Oil Cooler Shock Mt. (2)	18	000976P	Washer, Lock 7/16 (8)
3	002074P	Clamp, Hose, 1024 (9)	19	000973P	Washer, Flat, 7/16 (8)
4	000920P	Bolt, 5/16-18NC X 3/4 (16)	20	000211P	Grommet (4)
5	000928P	Washer, Lock, 5/16 (16)	21	002228P	Clamp, Hose, 1032
6	000583W	Bracket - Oil Cooler	22*	002069P	Radiator Hose, Upper
7	002075P	Clamp, Hose, 1028 (2)	23	000588P	Fan Guard - Right
8*	002070P	Radiator Hose, Lower	24	002165	Radiator Shroud
9	000589P	Fan Guard - Left	25	002080P	Radiator
10	002081P	Radiator Cap	26	000639M	Shock Mt. - Lower (4)
11	000637W	Radiator Stay Bracket-LH Rad.	27	000991P	Washer, Flat, 1/2 (2)
12	000635M	Radiator Stay Brkt.-LH Eng.	28	000988P	Nut, Lock, 1/2-13NC (2)
13	000636W	Radiator Stay Brkt.-RH Eng.	29	002032W	Eng. Mtg. Brkt.-R. Front
14	000638W	Radiator Stay Brkt.-RH Rad.	30	002033W	Radiator Mtg. Brkt.-Lower
15	000634M	Radiator Stay Rod-LH	31	002031W	Eng. Mtg. Brkt.- L. Front
16	000148M	Radiator Stay Rod-RH	32	000146M	Stay Bushing (4)

*8 002070P lower radiator hose replaced by updated p/n: 71.P269015

*22 002069P upper radiator hose replaced by updated p/n: 71.P269070

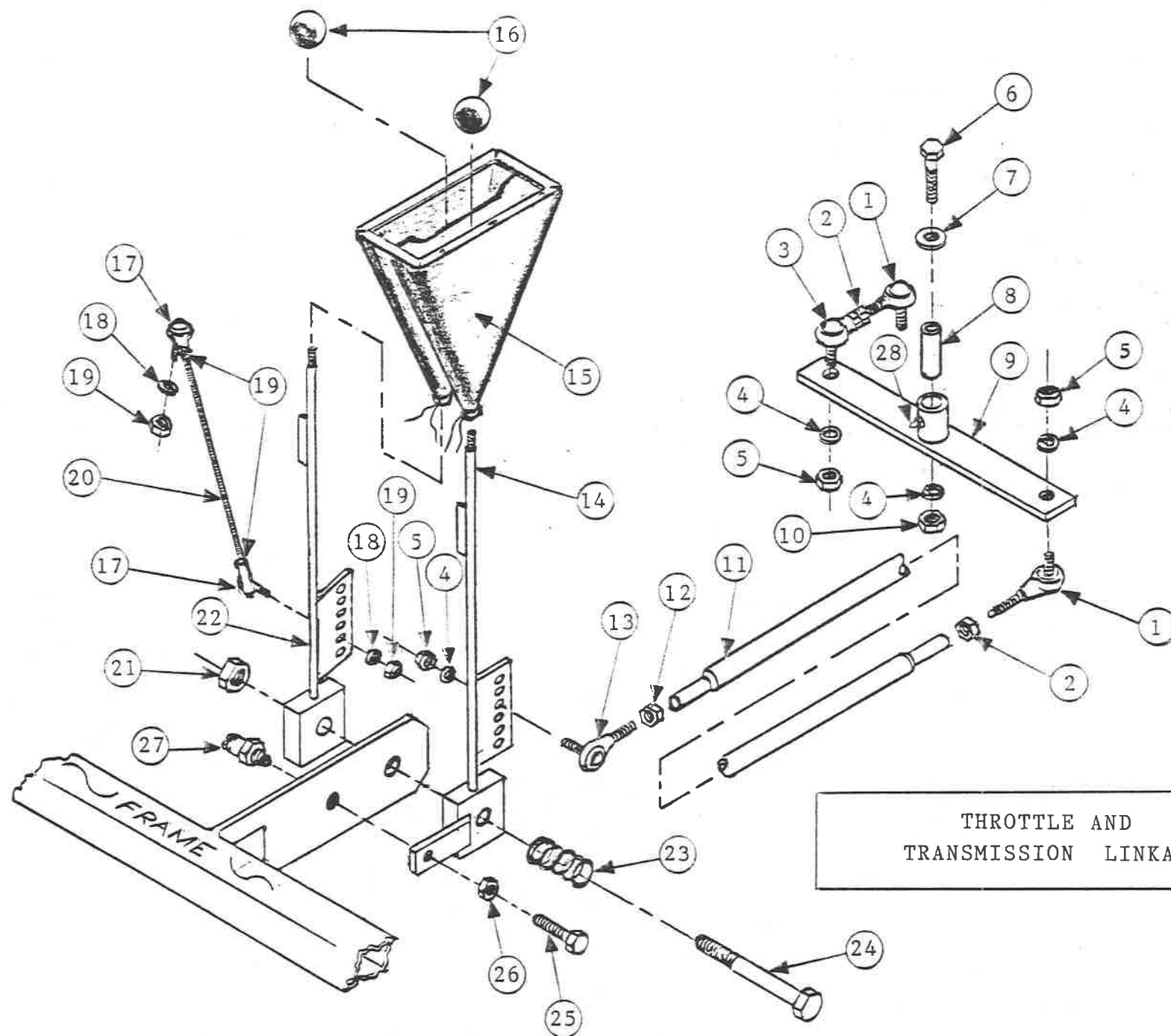




FUEL SYSTEM

- | | | |
|----|---------|--|
| 1 | 000535P | Fuel Tank (18 Gal.) |
| 2* | 000313P | Locking Fuel Cap updated p/n: 71.P115960 |
| 3 | 000516P | Fuel Gauge Sending Unit |
| 4 | 001309P | Adapter 3/8 X 1/4 PTR |
| 5 | 000322P | Hose Adapter (2) |
| 6 | 000948P | 3/8-16NC X 1 1/2" Bolt (6) |
| 7 | 000309W | Hold Down, Fuel Tank (6) |
| 8 | 001700M | Pad, Fuel Tank (6) |
| 9 | 000955P | 3/8" Lock Washer (6) |
| 10 | 000953P | 3/8-16NC Lock Nut (6) |
| 11 | 002071P | Hose Clamp (7) |
| 12 | 002091 | Fuel Line (Tank) |
| 13 | 002094 | Tubing, Fuel Line, Inlet |
| 14 | 000133P | Water Seperator |

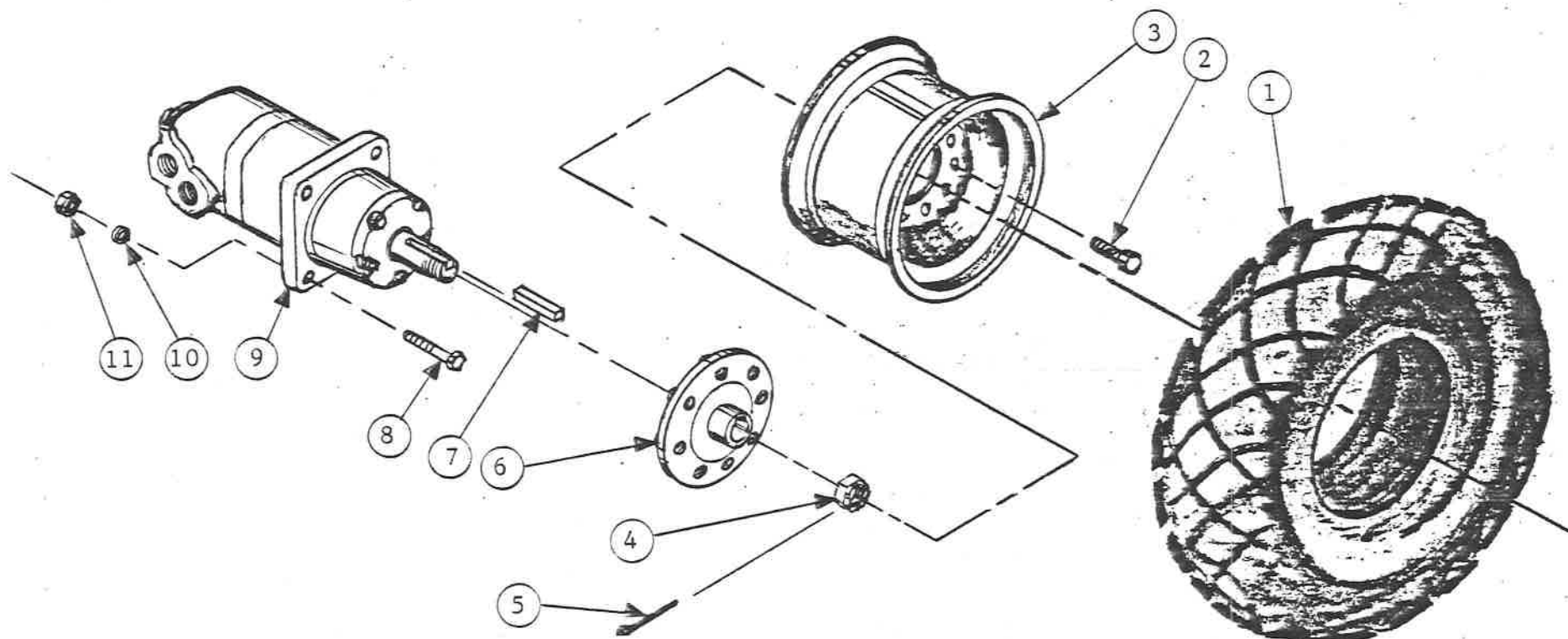
- | | | |
|----|---------|---------------------------|
| 15 | 002095 | Tubing, Fuel Line, Outlet |
| 16 | 001704P | Filter, Fuel; In Line |
| 17 | 002092 | Fuel Line (Eng.) |
| 18 | 002090 | Fuel Line (Return) |



THROTTLE AND
TRANSMISSION LINKAGE

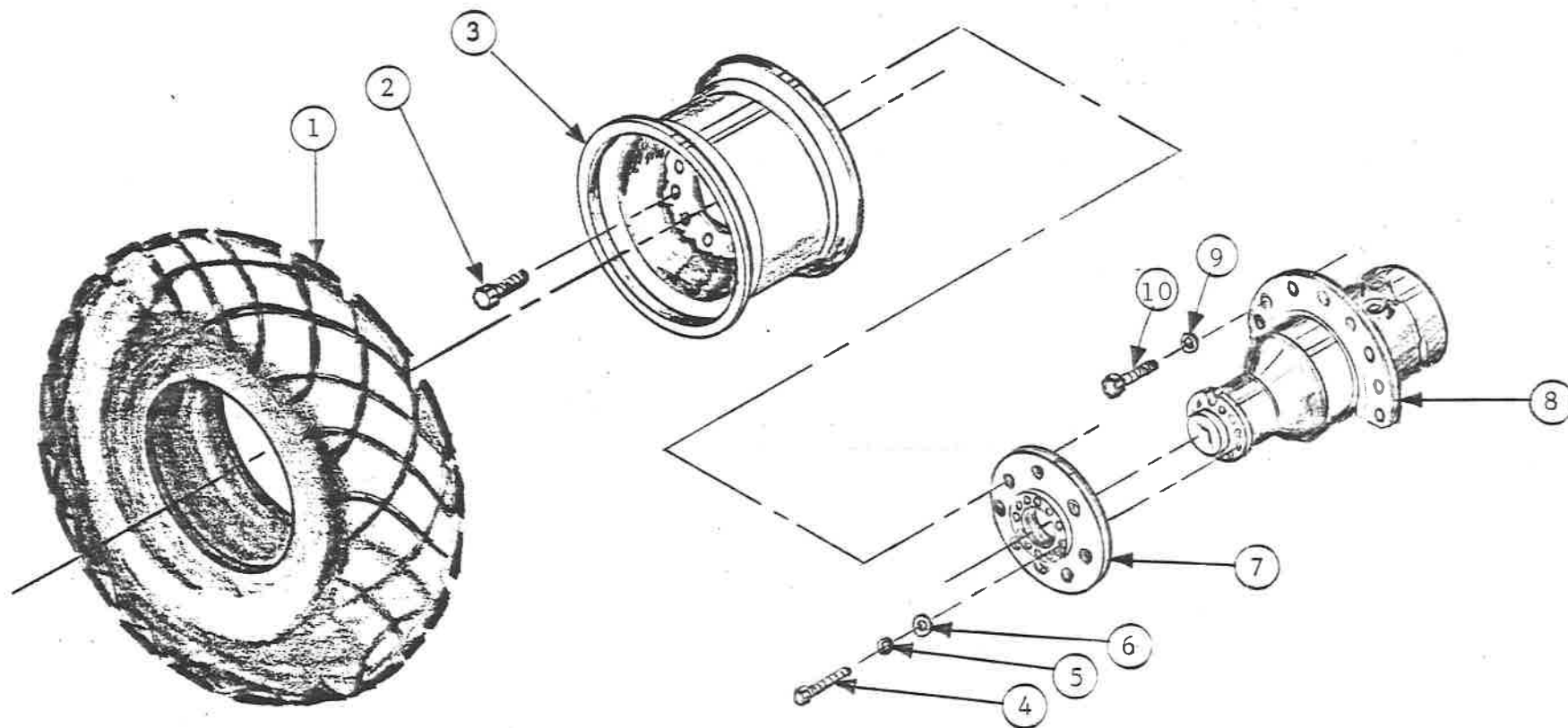
THROTTLE AND TRANSMISSION LINKAGE

1	000202P	Ball Joint - R.H. Trans. Linkage	15	002005A	Control Boot Assembly
2	000959P	Nut, 3/8-24NF	16	000410P	Knob - Control Lever (2)
3	001701P	Ball Joint - R.H. Trans. Female End	17	000688P	Throttle Ball Joint (2)
4	000955P	Washer, Lock, 3/8 (4)	18	000928P	Washer, Lock, 5/16 (2)
5	000957P	Nut, lock, 3/8-24NF (3)	19	000793P	Nut, Hex, 5/16-24NF (4)
6	000799P	Bolt, 3/8-16NC X 3	20	001777A-1	Throttle Linkage Rod
7	001688P	Washer, Fender, 3/8	21	000932P	Nut, Lock 5/8-11NC
8	000734M	Spacer, Trans. Pivot	22	001776W	Throttle Lever
9	000733W	Pivot - Transmission Linkage	23	000137P	Control Lever Tension Spring
10	000953P	Nut, Lock, 3/8-16NC	24	000998P	Bolt, 5/8-11NC X 4½
11	000593W	Linkage Rod, Transmission	25	001687P	Bolt, 5/16-18NC X 1½ to HD.
12	000958P	Nut - Left Hand 3/8-24NF	26	000927P	Nut, Hex, 5/16-18NC
13	000201P	Ball Joint - L.H., Trans. Linkage	27	000092P	Neutral Safety Switch
14	000591W	Transmission Lever	28	000779P	Grease Zerk, 1/4-28NF



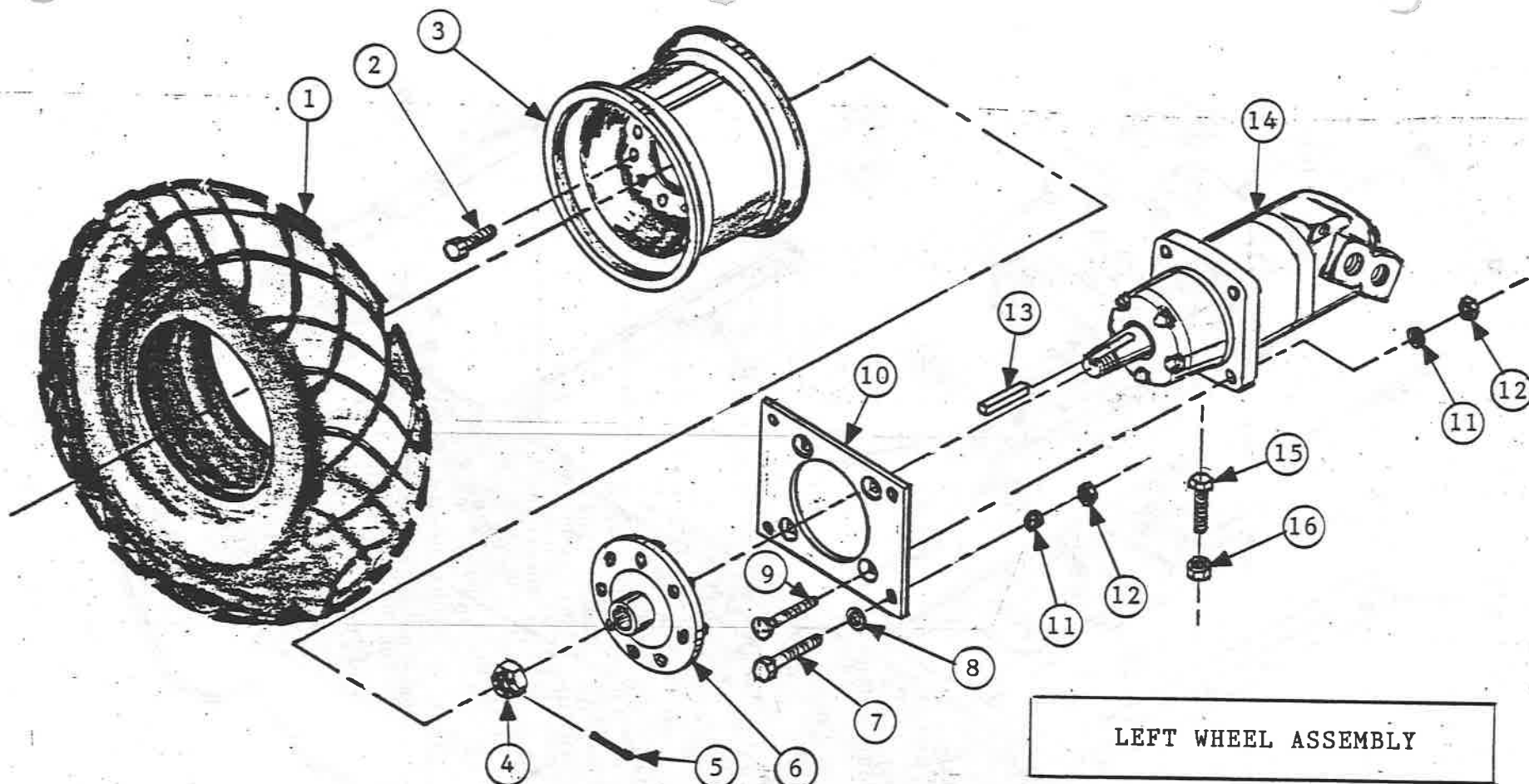
RIGHT WHEEL ASSEMBLY

1	000043P	Tire	7	000497M	Key-Wheel Motor
2	000943P	Wheel Bolt (8)	8	000985P	Bolt, 1/2-13NC X 2 (4)
3	002148	Rim	9	002118	*Motor, Wheel-6000 Series
4	000020M	Nut, Slotted-Wheel Motor	10	000990P	Lock Washer, 1/2 (4)
5	000970P	Cotter Pin, 1/8 X 2	11	000988P	Lock Nut, 1/2-13NC (4)
6	000460W	Wheel Hub			
				*000082P	Seal Kit, Rear UPDATED P/N: 71.P354601
				000081P	Seal Kit, Shaft UPDATED P/N: 71.P354602
					71.P354603 SHAFT SEAL GUARD



FRONT WHEEL ASSEMBLY

①	000043P	Tire	⑥	002140P	Flat Washer, M14 (11)
②	000943P	Wheel Bolt (8)	⑦	001779W	Hub Adapter
③	002148	Rim	⑧	002138	Brake/Motor - Poclain
④	002139P	Bolt, M14 X 50MM (11)	⑨	000935P	Lock Washer, 5/8 (10)
⑤	002141P	Lock Washer, M14 (11)	⑩	000994P	Bolt, 5/8-11NC X 1 3/4" (10)



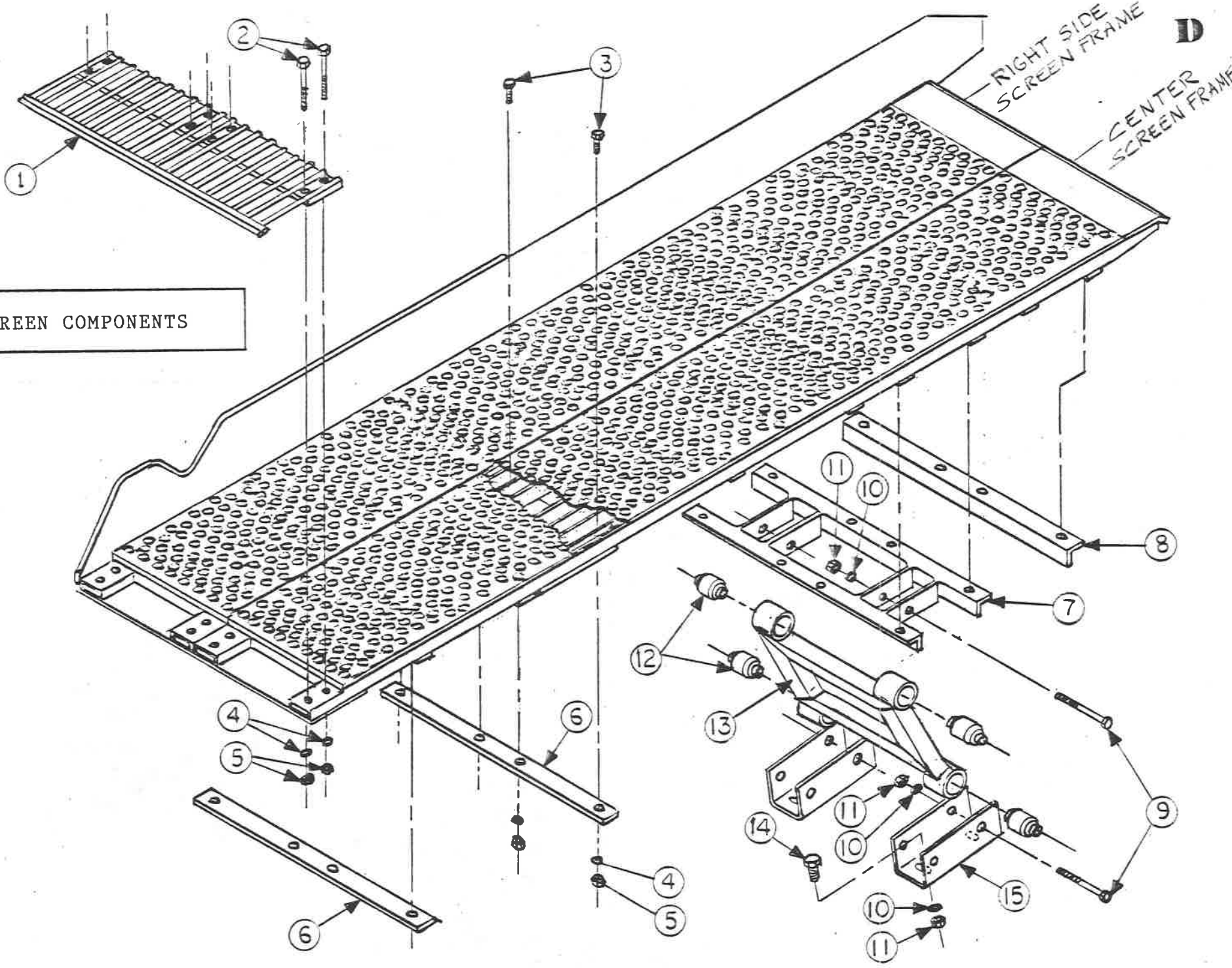
LEFT WHEEL ASSEMBLY

- ① 000043P Tire
- ② 000943P Wheel Bolt (8)
- ③ 002148 Rim
- ④ 000020M Nut, Slotted-Wheel Motor
- ⑤ 000970P Cotter Pin, 1/8 X 2
- ⑥ 000460W Wheel Hub
- ⑦ 000985P Bolt, 1/2-13NC X 2" (4)
- ⑧ 000991P Flat Washer, 1/2" (4)

- ⑨ 000992P Plow Bolt, 1/2-13NC X 2" (4)
- ⑩ 000463M Plate, Adj. Wheel Motor Mt.
- ⑪ 000990P Lock Washer, 1/2" (8)
- ⑫ 000988P Lock Nut, 1/2-13NC (8)
- ⑬ 000497M Key-Wheel Motor
- ⑭ 002118 *Motor, Wheel - 6000 Series
- ⑮ 000301W Bolt, Wheel Motor Adj.
- ⑯ 000934P Jam Nut, 5/8-11NC

*000082P Seal Kit, Rear UPDATED P/N: 71.P354601
 000081P Seal Kit, Shaft UPDATED P/N: 71.P354602
71.P354603 SHAFT SEAL GUARD

SCREEN COMPONENTS



SCREEN COMPONENTS

(Typical For Left/Center and Right/Center Screen Frames)

- | | | |
|-----|---------|----------------------------------|
| ① * | 000304W | Digger Point |
| ② | 000950P | Bolt, 3/8-16NC X 2-1/4 (8) |
| ③ | 000947P | Bolt, 3/8-16NC X 1-1/4 (20) |
| ④ | 000955P | Washer, Lock, 3/8 (28) |
| ⑤ | 000953P | Nut, Lock, 3/8-16NC (28) |
| ⑥ | 000063M | Screen Tie, Flat (2) |
| ⑦ | 002050 | Bracket, Rear Screen, Screen |
| ⑧ | 000064M | Screen Tie, Angle |
| ⑨ | 000987P | Bolt, 1/2-13NC X 4 (4) |
| ⑩ | 000990P | Washer, Lock, 1/2 (8) |
| ⑪ | 000988P | Nut, Lock, 1/2-13NC (8) |
| ⑫ | 002057P | Bushing, Rubber (4) |
| ⑬ | 002051 | Bracket, Rear Screen, Spacer |
| ⑭ | 000982P | Bolt, 1/2-13NC X 1-1/4 (4) |
| ⑮ | 002134 | Bracket, Clevis, Rear Screen (2) |

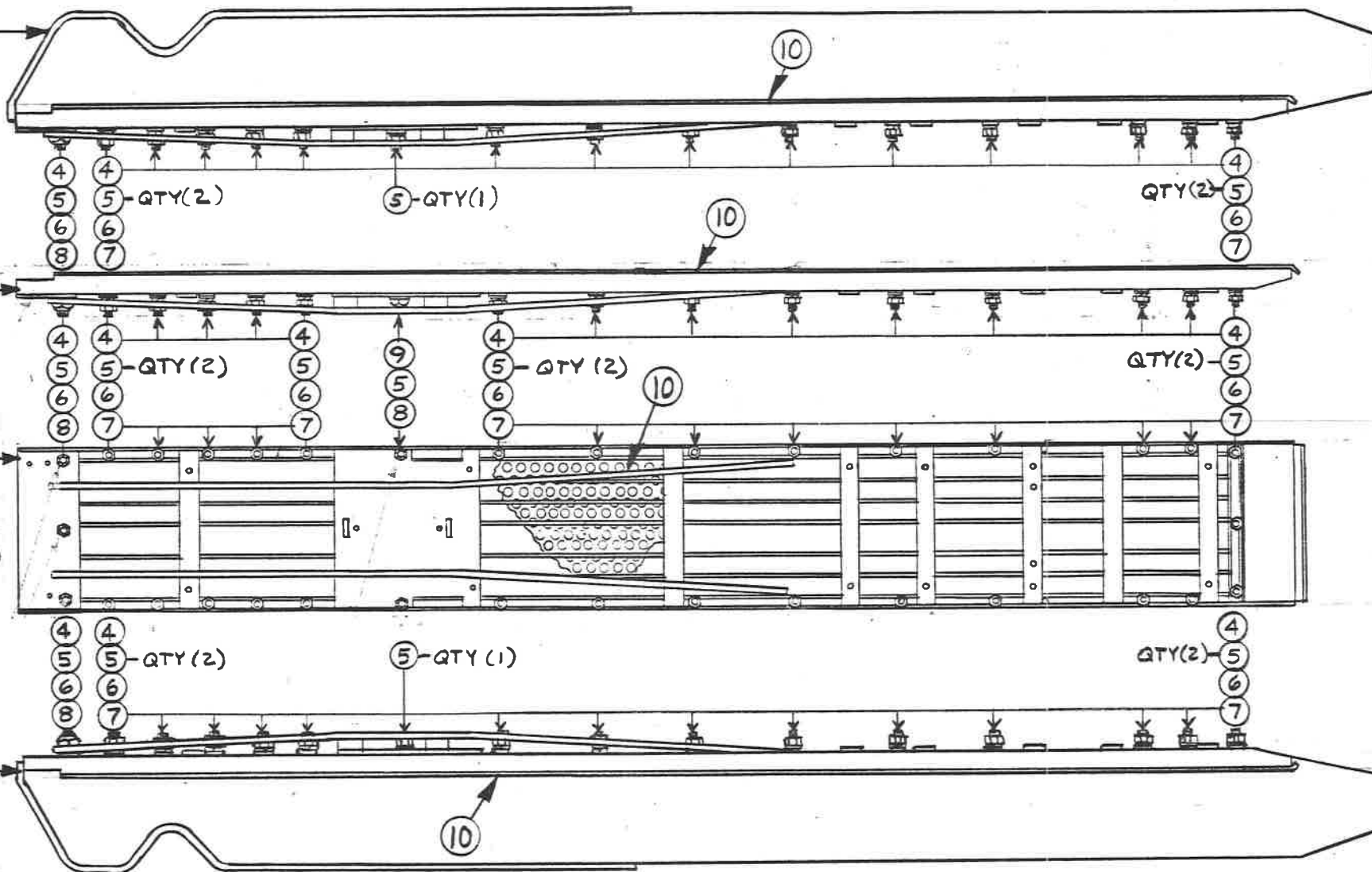
*OPTIONAL SOLID DIGGER POINT P/N 71.000330W QTY 2 REQD

1
RIGHT
SIDE
SCREEN
FRAME

2
CENTER
SCREEN
FRAME

2
CENTER
SCREEN
FRAME
(Bottom View)

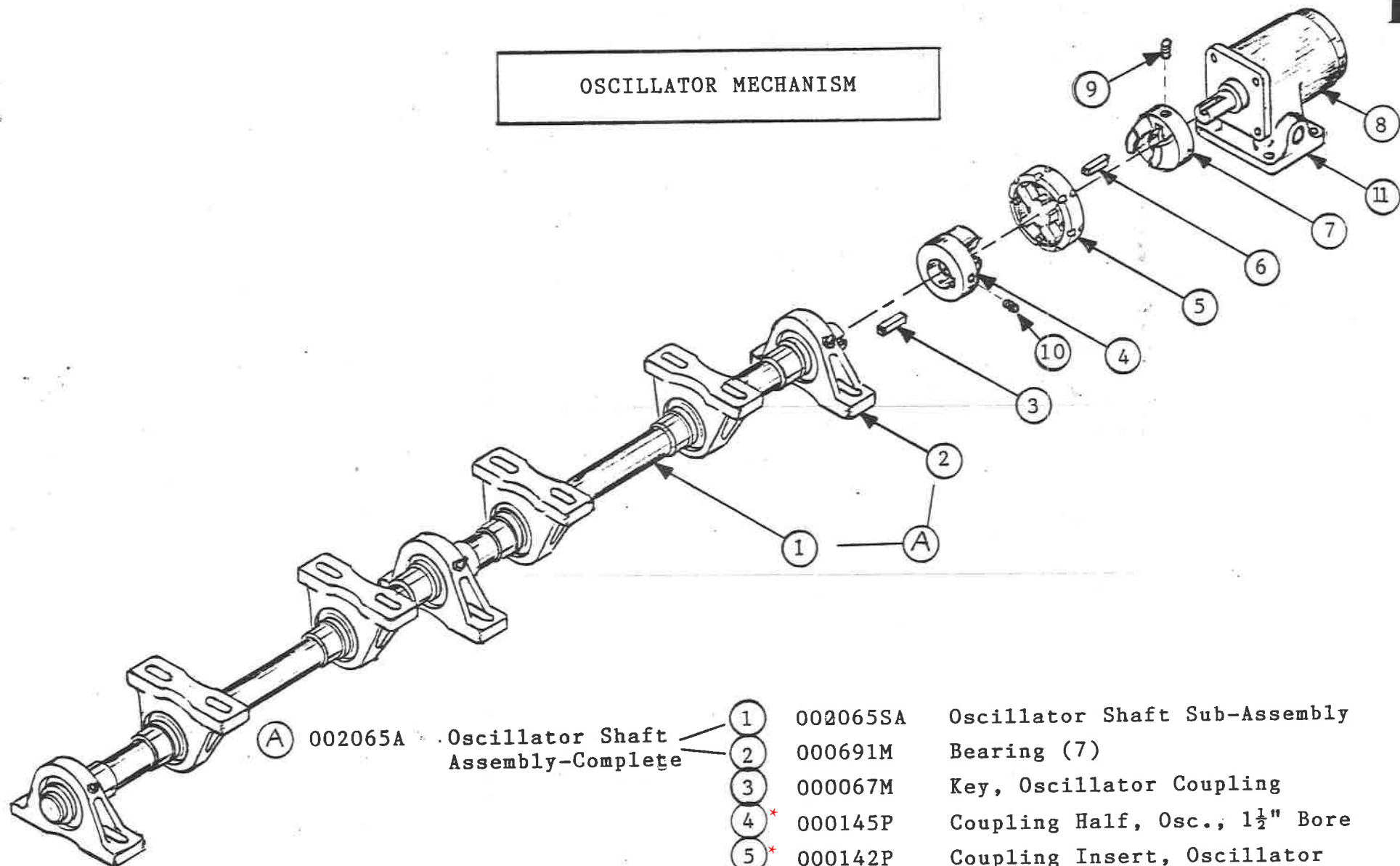
3
LEFT
SIDE
SCREEN
FRAME



SCREEN INSTALLATION

			Hardware Qty's		
			1	2	3
1	000603W	Screen Frame, Right			
2	000662W	Screen Frame, Center (2)			
3	000602W	Screen Frame, Left			
4	000913P	Bolt, Plow, 3/8-16NC X 2-3/4	34	32	34
5	000961P	Washer, Flat, 3/8	63	63	63
6	000955P	Washer, Lock, 3/8	34	32	34
7	000960P	Nut, Hex, 3/8-16NC	31	29	31
8	000953P	Nut, Lock, 3/8-16NC	3	5	3
9	000892M	Bolt, Plow, 3/8-16NC X 2-3/8	—	2	—
10	000055M	Screen - 7 ga. (3/4" Holes)			

OSCILLATOR MECHANISM

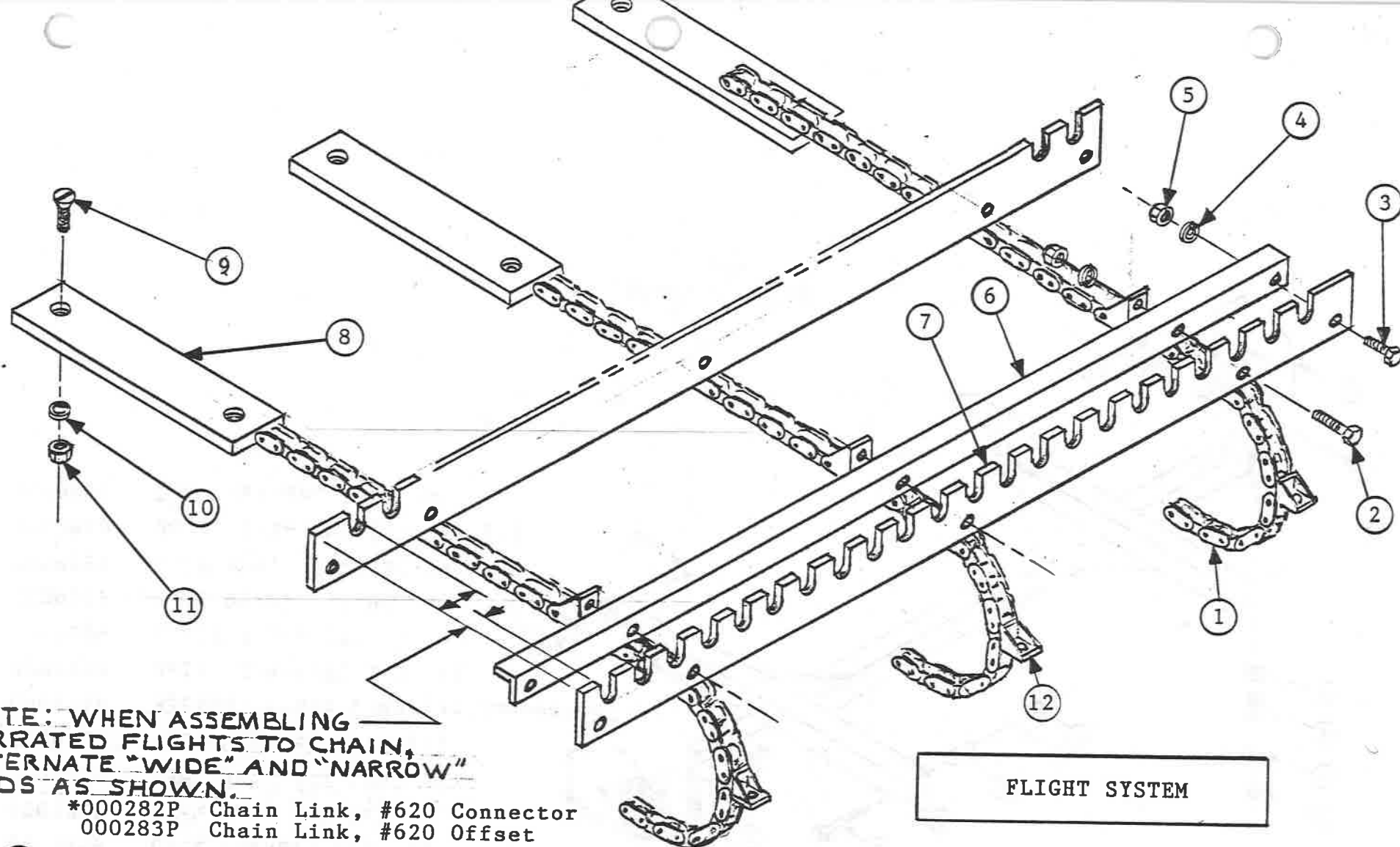


(A) 002065A

Oscillator Shaft
Assembly-Complete

(1)	002065SA	Oscillator Shaft Sub-Assembly
(2)	000691M	Bearing (7)
(3)	000067M	Key, Oscillator Coupling
(4)*	000145P	Coupling Half, Osc., 1½" Bore
(5)*	000142P	Coupling Insert, Oscillator
(6)	000057P	Key, Oscillator Motor
(7)*	000140P	Coupling Half, Osc., 1" Bore
(8)	000246P-R	Motor, Oscillator
(9)	000965P	Set Screw, 3/8-16NC X 3/4"
(10)	000966P	Set Screw, 7/16-14NC X ½"
(11)	000255P	Base Block - "H" Motor

* 71.P272900 COMPLETE COUPLER ASSEMBLY (INCLUDES #4, #5, #7 AND SET SCREWS)



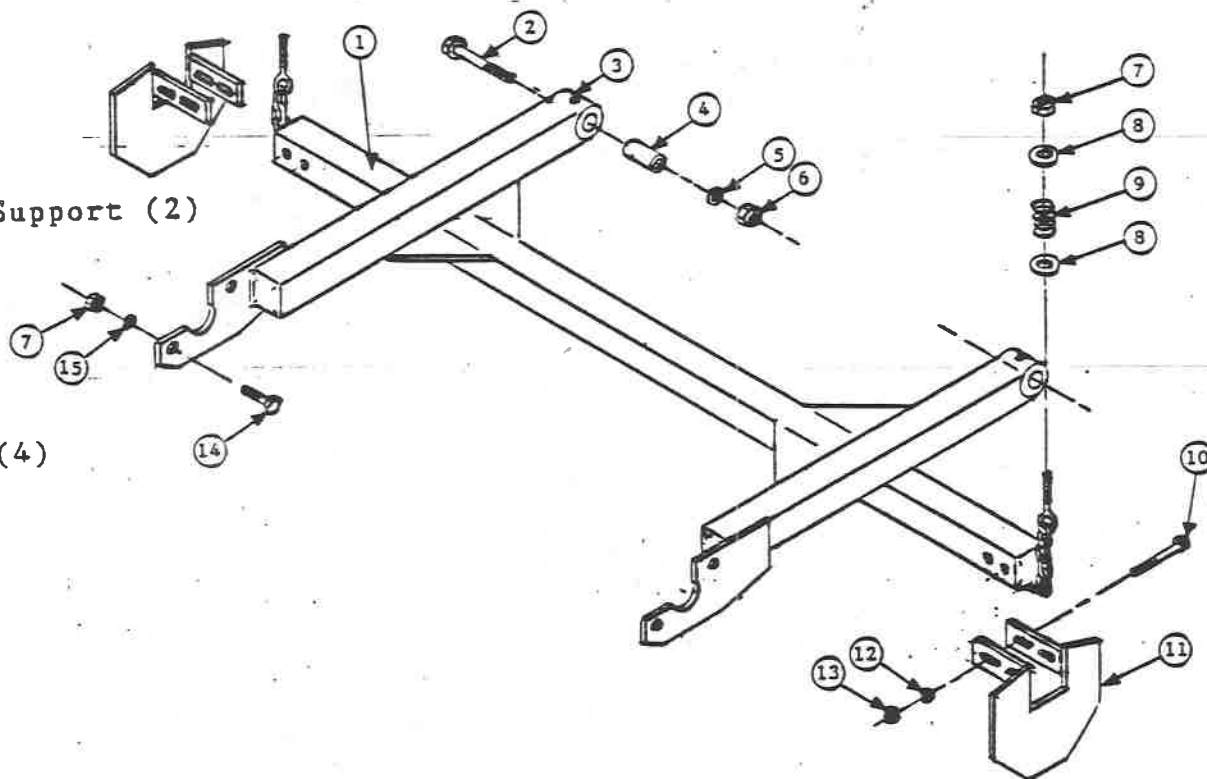
*000282P Chain Link, #620 Connector
 000283P Chain Link, #620 Offset

①	*000285M	Chain, #620 Conveyor (3)*SEE NOTE BELOW	⑦	000052M	Flight Blade (26)
②	000947P	Bolt, 3/8-16NC X 1 1/4 (78)	⑧	000271M	Wear Strip, Conveyor (6)
③	000946P	Bolt, 3/8-16NC X 1 (52)	⑨	000924P	Bolt, 5/16 X 1 Flat Hd. (12)
④	000955P	Washer, Lock, 3/8 (130)	⑩	000928P	Washer, Lock, 5/16 (12)
⑤	000953P	Nut, Lock, 3/8-16NC (130)	⑪	000926P	Nut, Lock, 5/16-18NC (12)
⑥	000053M	Flight Mounting Angle (26)	⑫	000291P	Chain Link Attachment

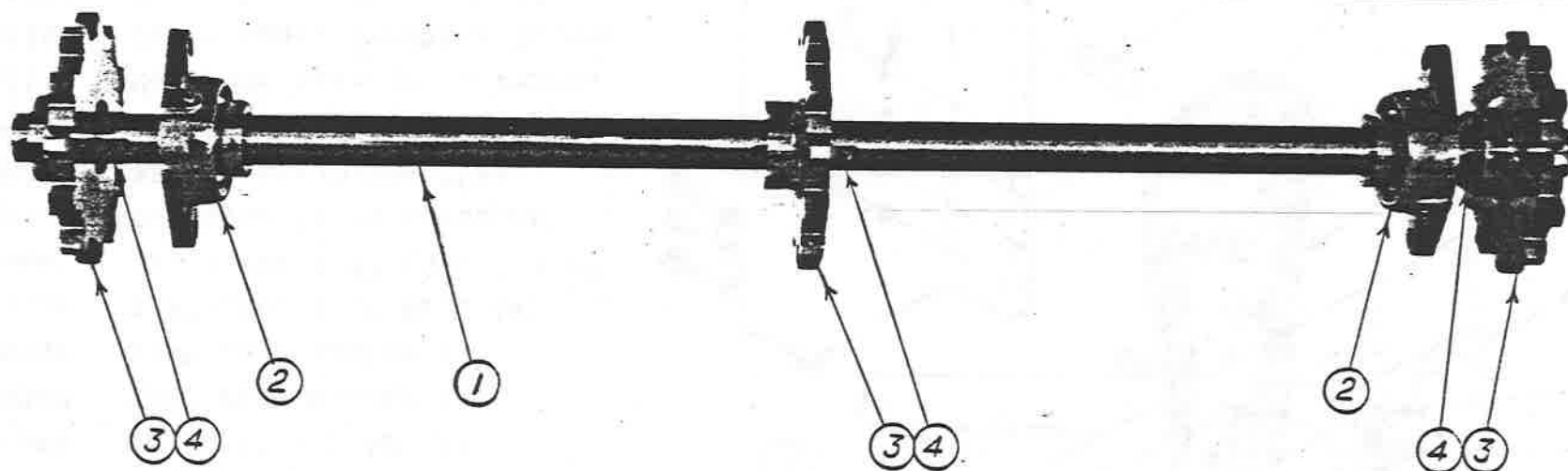
*UPDATED CONVEYOR CHAIN #620 - 26 CLEATS P/N: 71.P632820

FRONT CONVEYOR SUPPORT ASSEMBLY

- 1 000493W Front Conveyor Support
- 2 000997P Bolt, 5/8-11NC X 4 Grd. 8 (2)
- 3 000400P Grease Fitting (2)
- 4 000026M Spacer, Stabilizer (2-1/16") (2)
- 5 000935P Lock Washer, 5/8" (2)
- 6 000932P Lock Nut, 5/8-11NC (2)
- 7 000988P Lock Nut, 1/2-13NC (6)
- 8 000991P Flat Washer, 1/2" (4)
- 9 000676P Spring, Front Conveyor Support (2)
- 10 000799P Bolt, 3/8-16NC X 3 (4)
- 11 000704W Spill Plate (2)
- 12 000955P Lock Washer, 3/8" (4)
- 13 000953P Lock Nut, 3/8-16NC (4)
- 14 000984P Bolt, 1/2-13NC X 1-3/4 (4)
- 15 000990P Lock Washer, 1/2" (4)



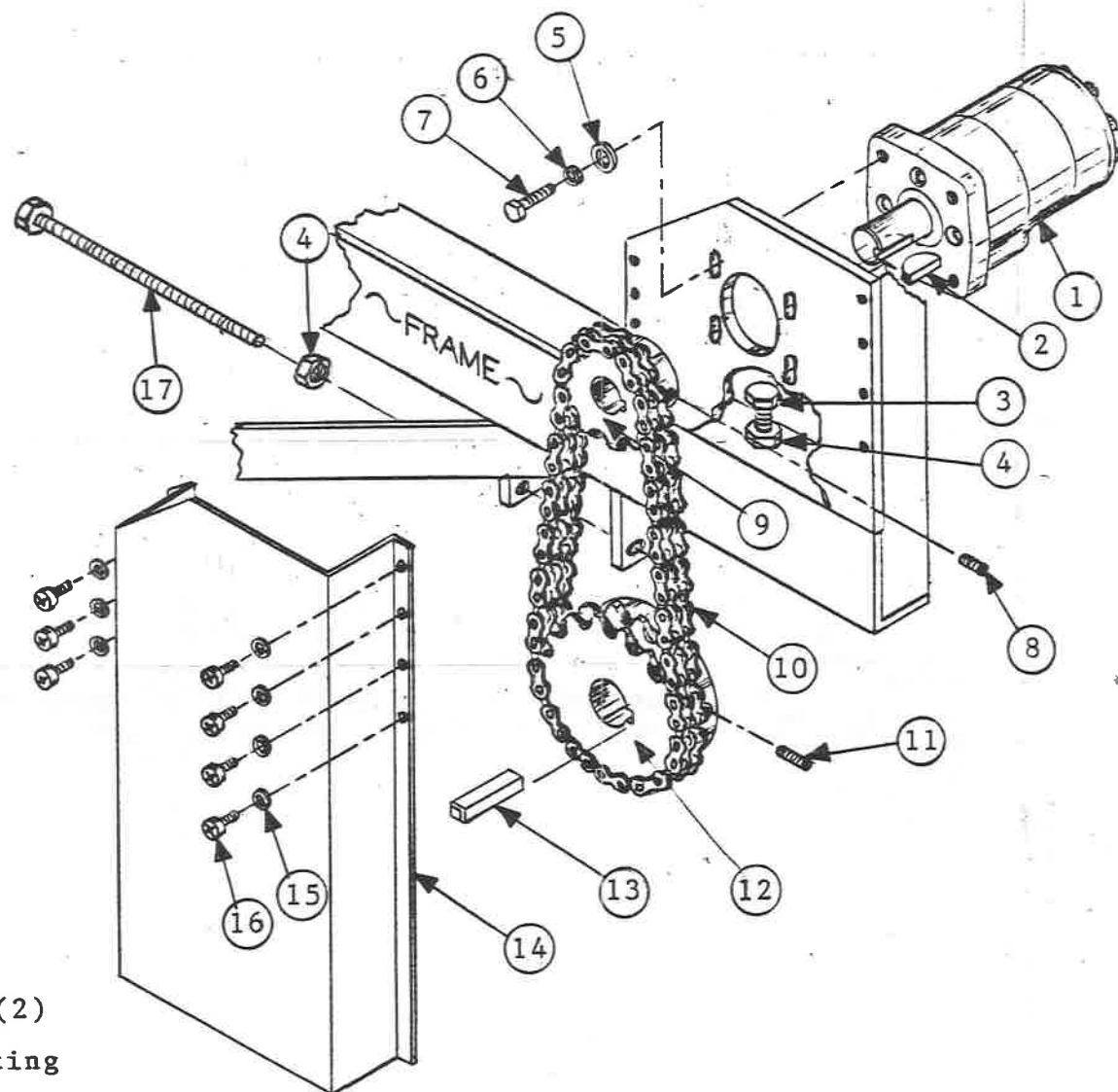
FRONT CONVEYOR SHAFT ASSEMBLY



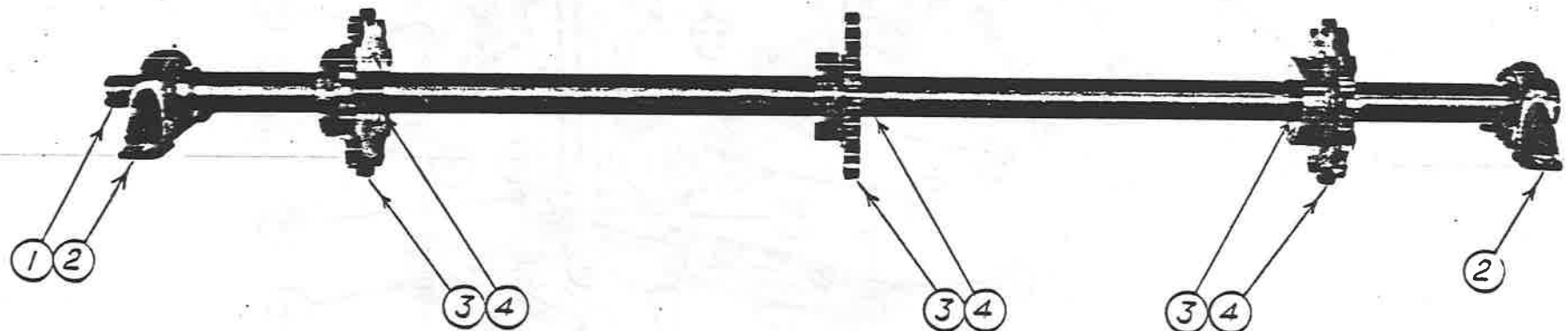
- | | | |
|---|---------|--|
| ① | 000272A | Front Conveyor Shaft Assembly - Complete |
| ② | 000272M | Front Conveyor Shaft |
| ③ | 000277P | Front Conveyor Shaft Bearing |
| ④ | 000257W | Front Conveyor Sprocket |
| | 000328M | Key - Conveyor Shaft |

CONVEYOR DRIVE MECHANISM

- | | | |
|----|----------|---|
| 1 | 000510P | Conveyor Motor |
| 2 | 000057P | Key - Conveyor Motor |
| 3 | 000985P | Motor Adj. Bolt $\frac{1}{2}$ "-13NC X 2" |
| 4 | 000989P | Nut - $\frac{1}{2}$ " - 13NC (3) |
| 5 | 000956P | 3/8" Flat Washer (4) |
| 6 | 000955P | 3/8" Lock Washer (4) |
| 7 | 000946P | 3/8"-16NC X 1" Bolt (4) |
| 8 | 000964P | Set Screw 3/8"-16NC X 3/8" |
| 9 | 000511M | Conveyor Drive Sprocket |
| 10 | *000504M | #50 Double Drive Chain |
| 11 | 000965P | Set Screw 3/8"-16NC X 3/4" |
| 12 | 000512M | Conveyor Sprocket - Driven |
| 13 | 000534M | Key - Conv. Sprocket Driven |
| 14 | 000716W | Conv. Motor Chain Guard |
| 15 | 000917P | 3/16" Lock Washer (7) |
| 16 | 001690P | Screw, Tapping #10-32 X 2" |
| 17 | 000374W | Rear Conv. Shaft Adj. Bolt (2) |
| | *000964P | Chain Link, #50 Db1. Connecting |
| | 000763P | Chain Link, #50 Db1. Offset |

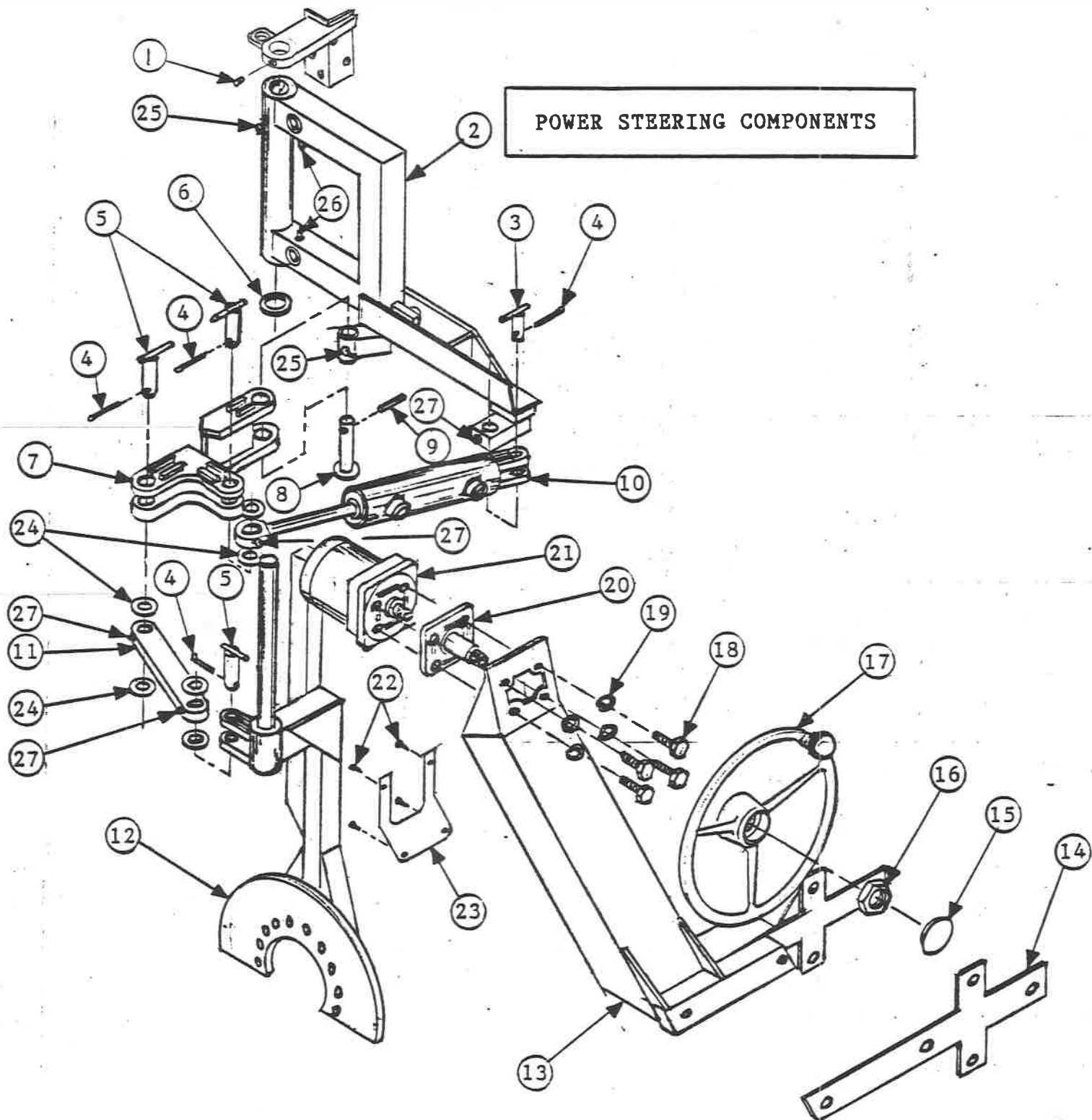


REAR CONVEYOR SHAFT ASSEMBLY



(1)	000454A	Rear Conveyor Shaft Assembly - Complete
(2)	000454M	Rear Conveyor Shaft (1 3/4")
(3)	000279P	Bearing, Rear Conveyor (2)
(4)	000324W	Rear Conveyor Sprocket (3)
	000328M	Key - Conveyor Shaft (3)

POWER STEERING COMPONENTS

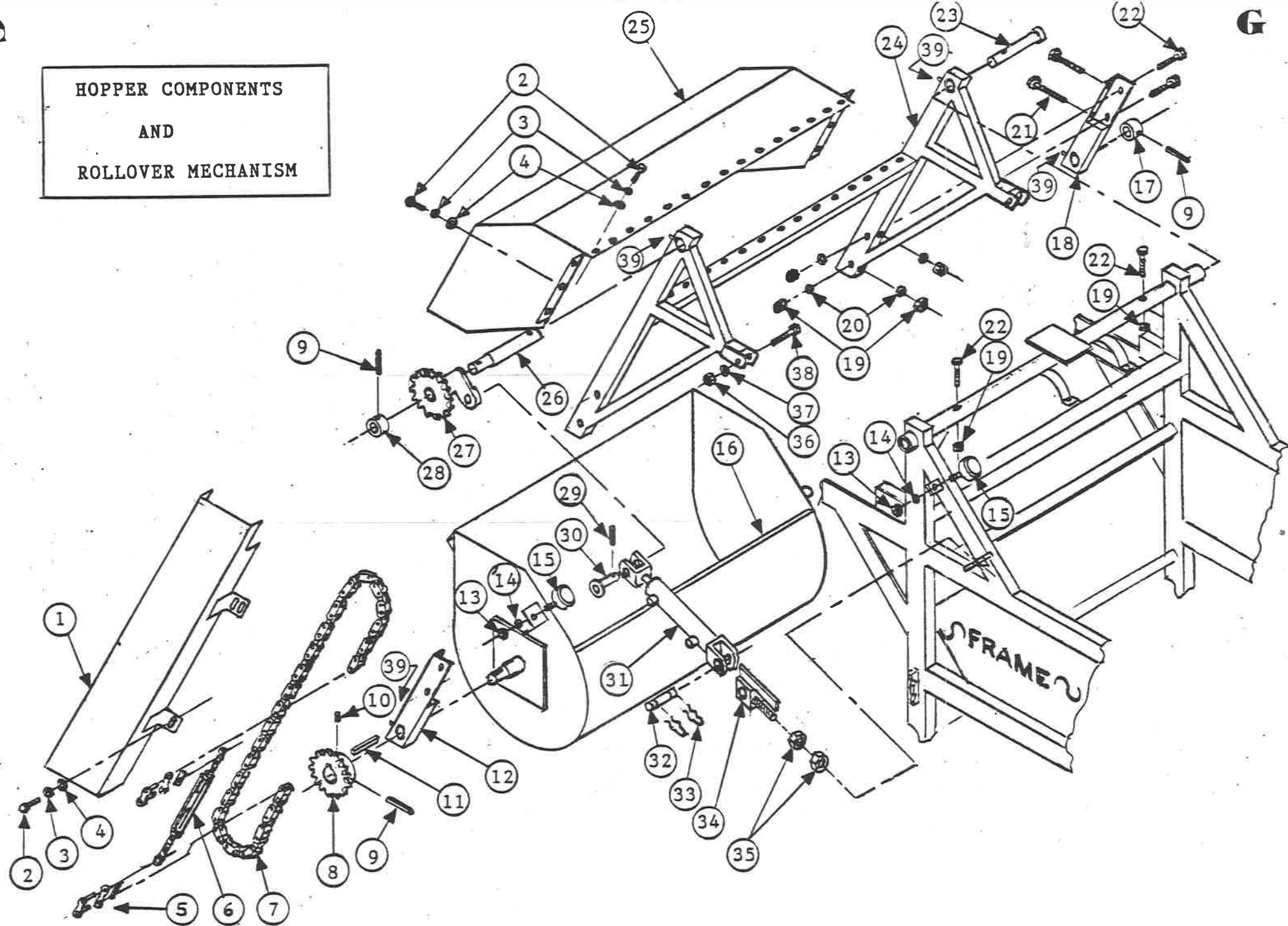


POWER STEERING COMPONENTS

1	000966P	Set Screw, 7/16-14NC X 1/2	14	000684W	Steering Post Retainer
2	000555W	Spindle Column	15	000058P	Steering Wheel Cap
3	000561W	P.S. Cylinder Base Pin	16	000111P	Steering Wheel Nut
4	001689P	Cotter Pin-3/16 X 2	17	000110P	Steering Wheel
5	000556W	P.S. Clevis Pin	18	000946P	3/8-16NC X 1 Bolt (4)
6	000006M	Front Fork Washer (2")	19	000955P	3/8 Lockwasher
7	000551W	P.S. Radius Arm	20	000108P	Steering Oclumn
8	000126W	Pin-P.S. Radius Arm	21	000125P	Power Steering Motor
9	000972P	Pin-Spring 3/8 X 2	22	001690P	#10-32 X 1/2 Tapping Screw
10	000562A	P.S. Cylinder Assy.	23	000706M	Steering Post Shield
	*000562P	Seal Kit, P.S. Cyl.	24	002163P	Shim Washer (6)
11	000554M	P.S. Linkage Bar	25	000780P	Grease Zerk, 90°
12	002207	Front Fork	26	000402P	Grease Zerk, 1-3/4 OAL
13	000601W	Steering Post	27	000779P	Grease Zerk, 1/4-28NF

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

HOPPER COMPONENTS
AND
ROLLOVER MECHANISM

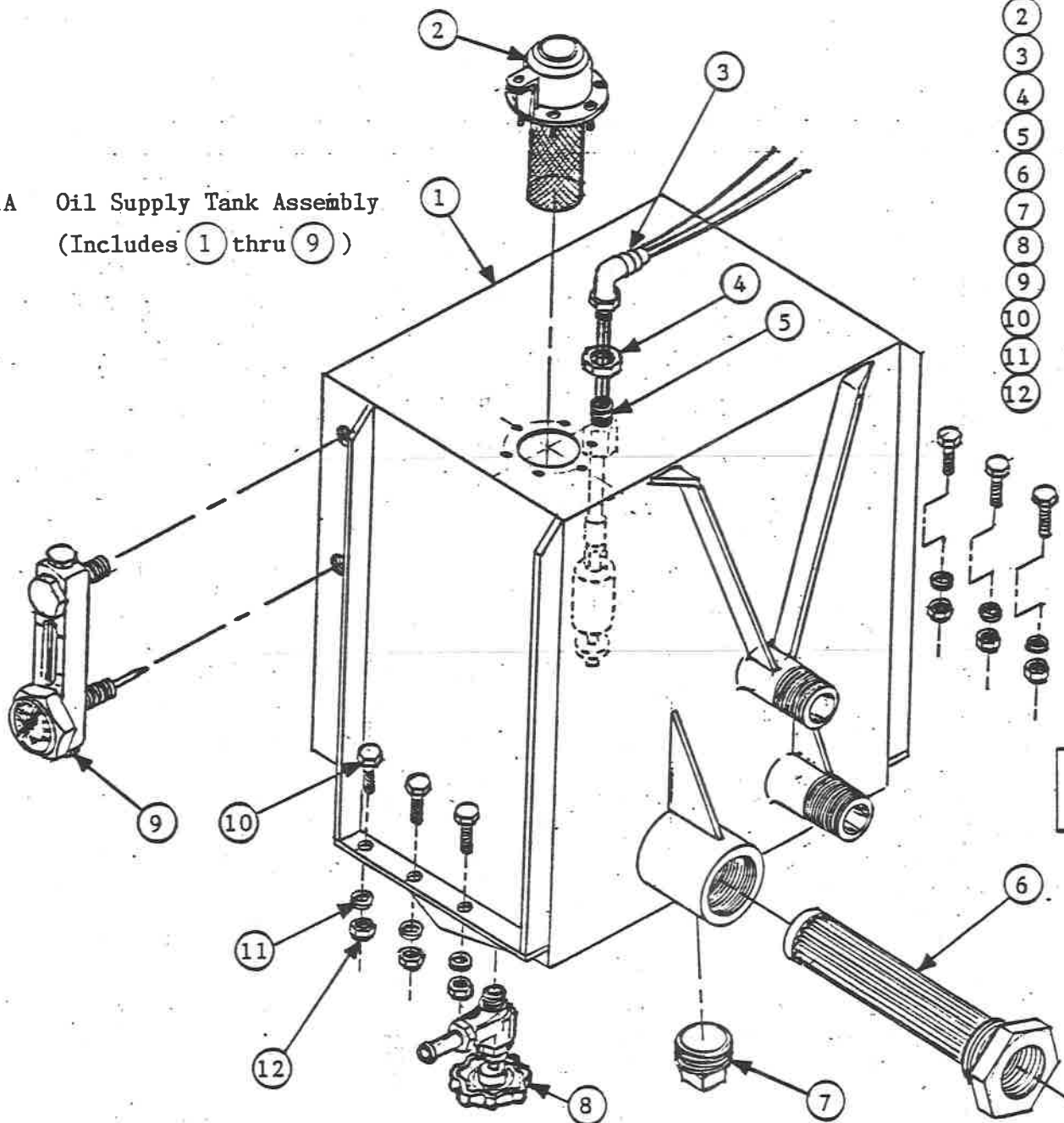


HOPPER COMPONENTS
AND
ROLLOVER MECHANISM

1	000423W	Roll-Over Chain Guard	20	000990P	Washer, Lock, $\frac{1}{2}$ (8)
2	000900P	Bolt, $\frac{1}{4}$ -20NC X 3/4 (28)	21	000987P	Bolt, $\frac{1}{2}$ -13NC X 4 (4)
3	000909P	Washer, Lock, $\frac{1}{4}$ (28)	22	000986P	Bolt, $\frac{1}{2}$ -13NC X 3 (6)
4	000910P	Washer, Flat, $\frac{1}{4}$ (28)	23	000243W	Boom Swivel - L.H.
5	000284P	Chain Link, #80 Connector (2)	24	000431W	Boom Weldment
6	000268A	Turnbuckle, Rollover Hopper	25	000124W	Hopper Hood
7	000266M	Chain, #80, Rollover Hopper	26	000292M	Boom Swivel - R.H.
8	000267W	Sprocket, Hopper - Driven 16T	27	000256W	Hopper Crank
9	000971P	Pin, Spring, 3/8 X 2 $\frac{1}{2}$ (3)	28	000274M	Collar, Retaining, Hopper Crank
10	000792P	Set Screw, 3/8-16NC X $\frac{1}{4}$	29	000972P	Pin, Spring 3/8 X 2
11	000069M	Key, Hopper Sprocket	30	000550W	Pin, Rollover Cylinder
12	000432W	Boom Arm, Right	31	*000237P	Cylinder - Hopper
13	000953P	Nut, Lock, 3/8-16NC (2)	32	000359P	Pin, Clevis
14	000955P	Washer, Lock, 3/8 (2)	33	000349P	Clip, Clevis Pin (2)
15	000358M	Stop, Rubber (2)	34	000240W	Adj. Base, Hopper Cylinder
16	000238W	Hopper (Roll-Over)	35	000939P	Nut, Hex, 3/4-10NC (2)
17	000365M	Collar, Retaining, Hopper	36	000932P	Nut, Lock, 5/8-11NC (2)
18	000232W	Boom Arm, Left	37	000935P	Washer, Lock, 5/8 (2)
19	000988P	Nut, Lock, $\frac{1}{2}$ -13NC (10)	38	000366M	Pin, Clevis (5/8" Bolt) (2)
			39	000401P	Grease Zerk (1-1/4" OAL) (4)
				**000397P	Seal Kit, Hopper Cyl.

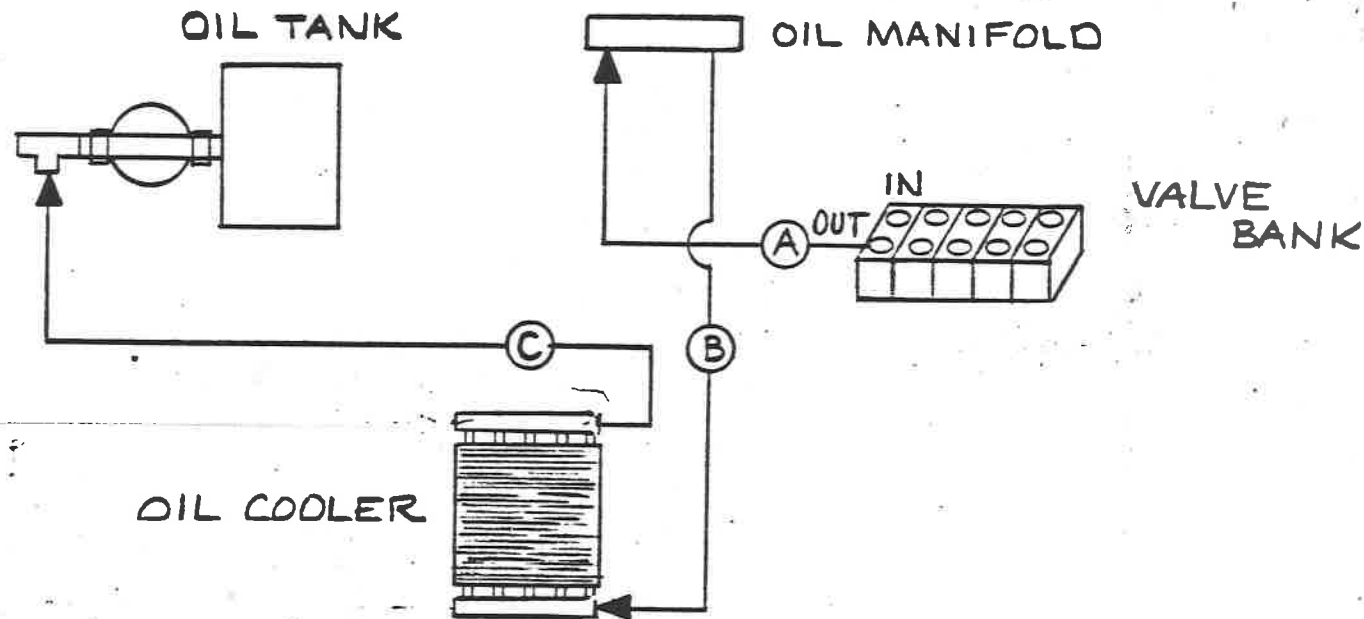
**000397P SEAL KIT UPDATED P/N: 71.P259090

001721A Oil Supply Tank Assembly
(Includes 1 thru 9)



1	001721W	Oil Supply Tank
2	000174P	Filter/Breather
3	000683P	Plastic Elbow
4	000788P	Nut, Jam 3/4-16NF
5	001784A	Sending Unit Assembly
6	000184P	Strainer
7	000059P	Magnetic Drain Plug
8	000109P	Valve-Oil Tank Drain
9	000176P	Gauge-Oil Sight
10	000947P	Bolt, 3/8-16NC X 1 1/2 (6)
11	000955P	Lock Washer - 3/8 (6)
12	000953P	Lock Nut 3/8-16NC (6)

OIL TANK



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

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 MIN
 FINISH _____

-DIAGRAM #22-

001421

HYD F/H's COMP. (POCLAIN)

SCALE:
 DATE: 4-10-89

APPROVED BY:

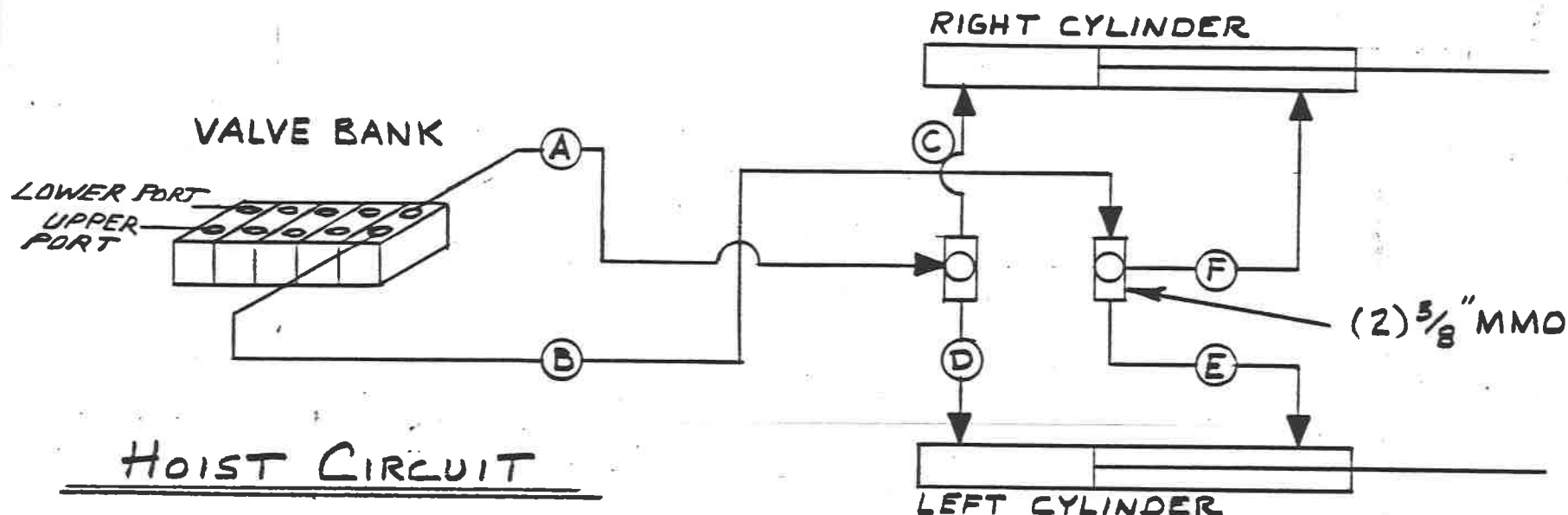
DRAWN BY: DPD

REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER
 1 OF 9



- (A) 8-3/8 F50G, 3/8 x 1/4 FF, *KLF250-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, H1018P, 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 MINN
 FINISH _____

- DIAGRAM #23 -

HYD F/H'S COMP. (POCLAIN)

SCALE

DATE

4-10-89

APPROVED BY:

DRAWN BY

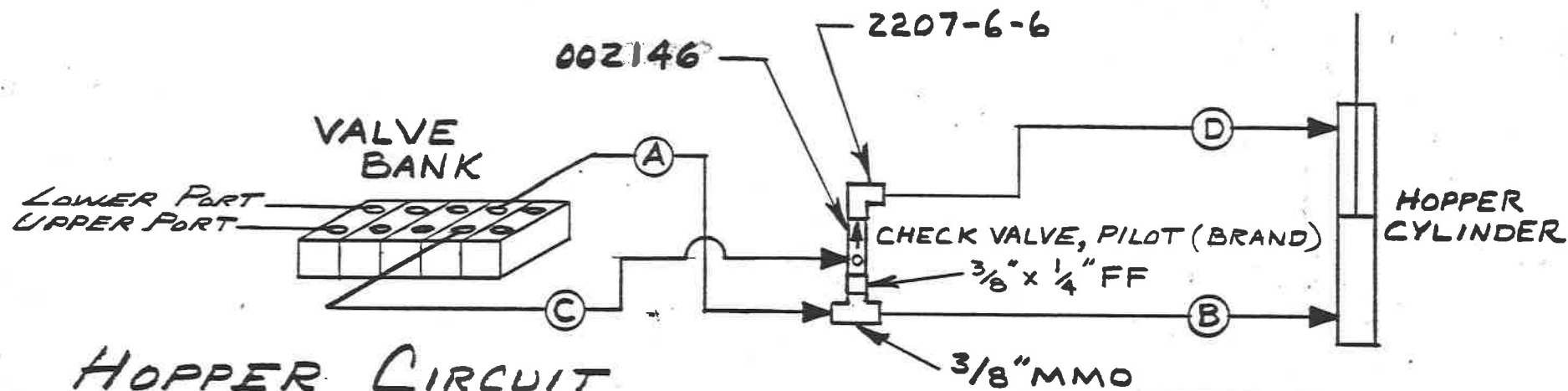
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

2 OF 9



- (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 -

001421

HYD F/H's COMP. (FOCLAIN)

SCALE:

APPROVED BY:

DRAWN BY

DPD

DATE

4-10-89

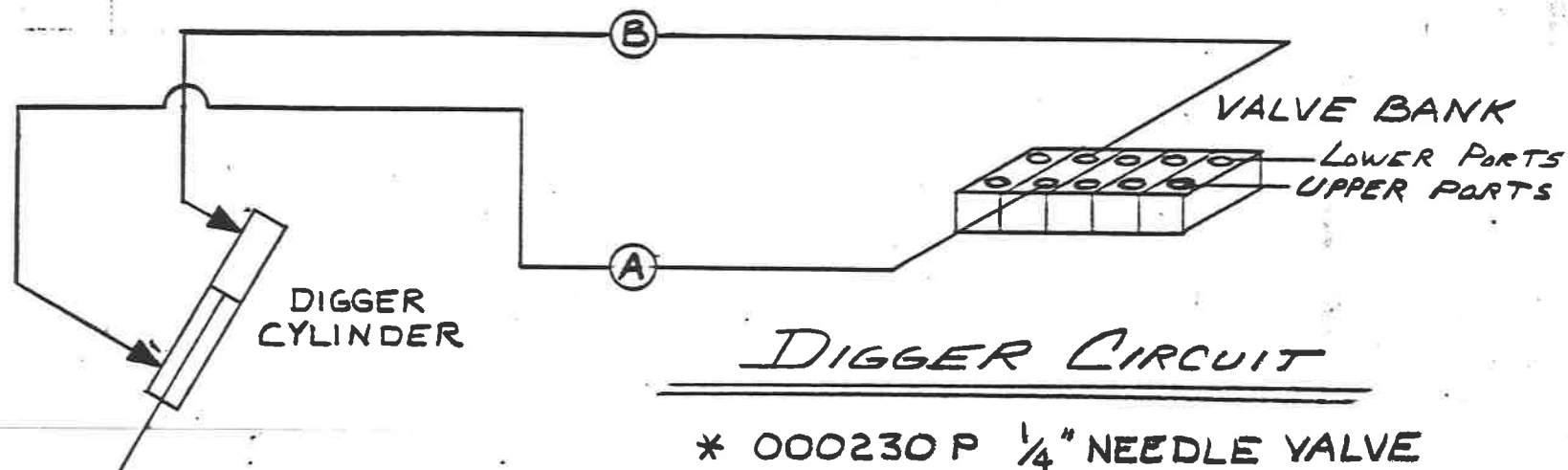
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

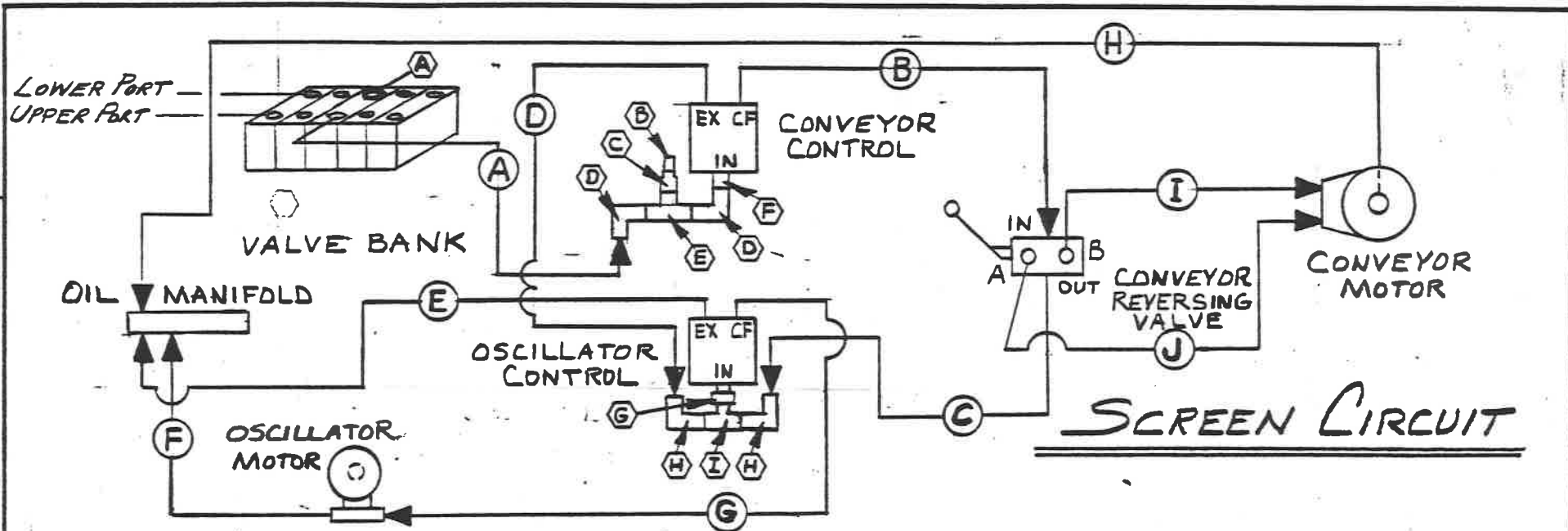
3 of 9



- (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- 001421	
HYD F/H'S COMP. (POCLAIN)	
SCALE: _____	APPROVED BY: _____
DATE: 4-10-89	DRAWN BY: DPD
REVISED: _____	
CHERRINGTON CORPORATION	
FAIRFAX, MINNESOTA 55332	DRAWING NUMBER 4 OF 9



- (A) 0507-8-8, H1025P
- (B) 0507-12-12, 2107-12-8, H1025P, 2107-12-8
- (C) 2107-12-8, H1025P
- (D) 0507-12-12, 2107-12-8, H1025P
- (E) 0507-12-12, 2107-12-8, 2107-8-8, H1062P, 2107-8-8
- (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
- (E) 1/2" MRO
- (F) 0507-12-8
- (G) 0507-12-12
- (H) 2107-12-8
- (I) 3/4" MMS

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

— DIAGRAM #26A — 001421
HYD. F/H'S COMP. (POLLAIR)

SCALE: 1" = 10'

DATE: 4-10-89

APPROVED BY:

DRAWN BY: JPD

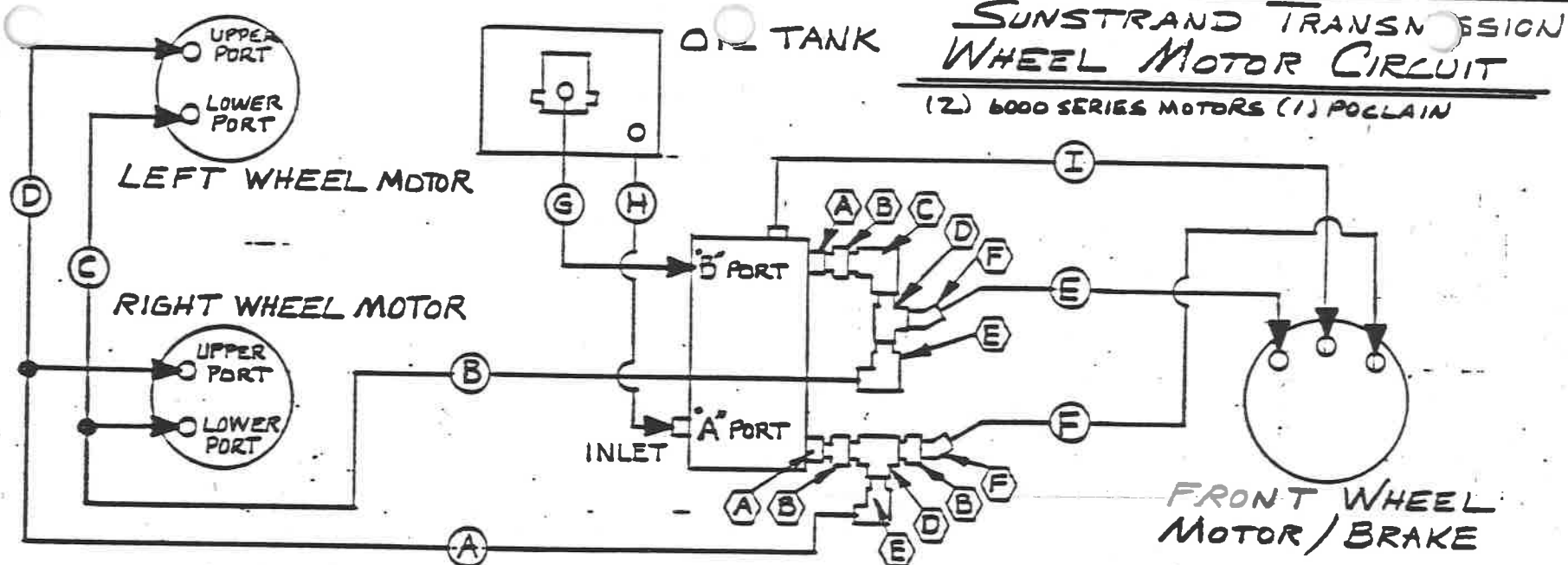
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CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

5 of 9



- (A) H1064P, 0107-8-8, 1/2" MRD, 2107-12-8, 16-3/4 F50G
- (B) H1064P, 0107-8-8, 1/2" MRD, 0107-8-8, 2107-12-8, 16-3/4 F50G
- (C) H1087P, 2107-8-8, 0107-12-8, 16-3/4" F50G
- (D) H1088P, 2107-8-8, 0107-12-8, 16-3/4" F50G
- (E) H1065P, 0107-12-8, 3/4 x 3/4 F4GH-S
- (F) H1065P, 0107-12-8, 3/4 x 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. ELBOW
ZINGA FT-0710-2P, H1071P
ZINGA FT-0710-2P, 16-3/4 F50G
- (I) 2507-6-4, H1043P, 0107-4-4
1/4 x 1/4 F4GH-S

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

- DIAGRAM #276 -
HYD H/F'S COMP. (POCLAIN)

SCALE:
DATE: 4-10-89

APPROVED BY:

DRAWN BY: DPD
REVISED:

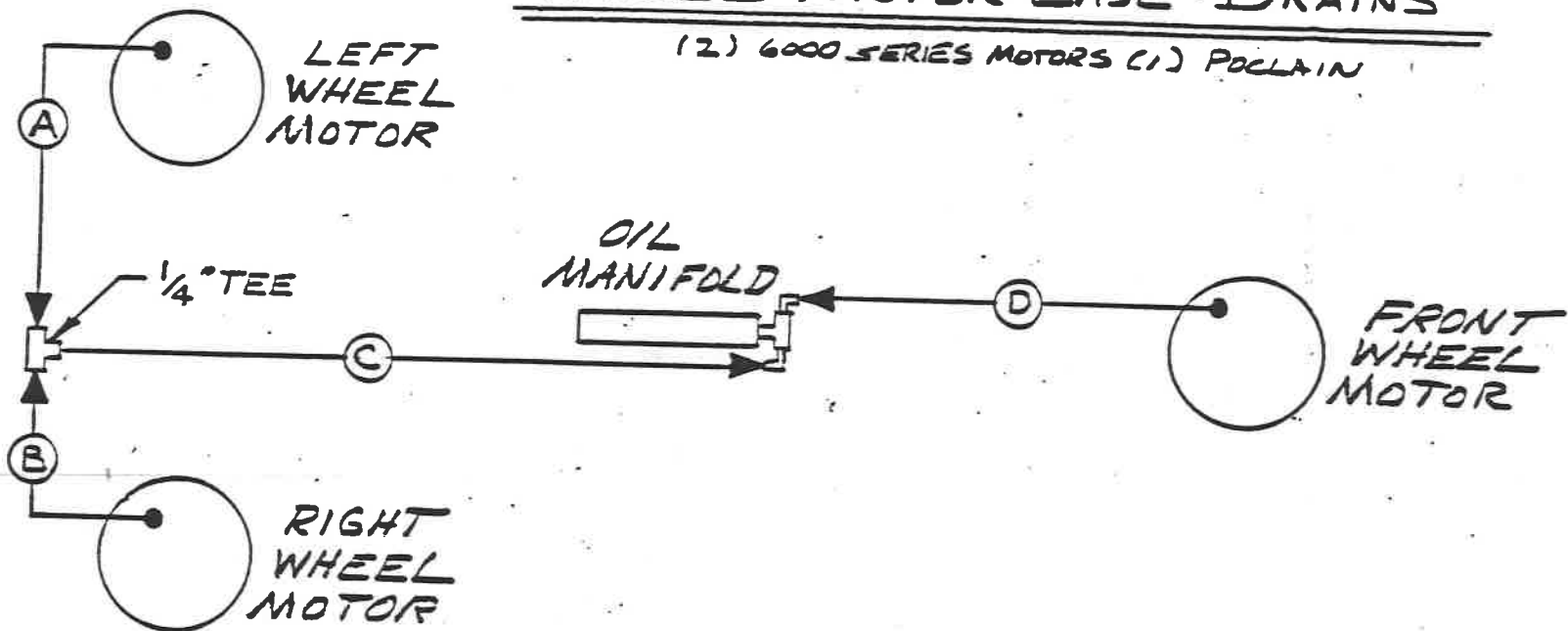
CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER
6 OF 9

WHEEL MOTOR CASE DRAINS

(2) 6000 SERIES MOTORS (1) POCLAIN



- (A) 3507-4-4, H1089P, 0107-4-4
- (B) 0507-4-4, H1045P, 0107-4-4
- (C) 2107-4-4, H1083P, 2107-6-4, 3/8" MMO, 1/2 x 3/8 EF
- (D) 3/8 x 3/8 F4GH-5, 0107-6-4, H1043P, 3/8 x 1/4 PTR, 3107-4-4

- DIAGRAM 28H -

HYD F/H's COMP. (POCLAIN)

001421

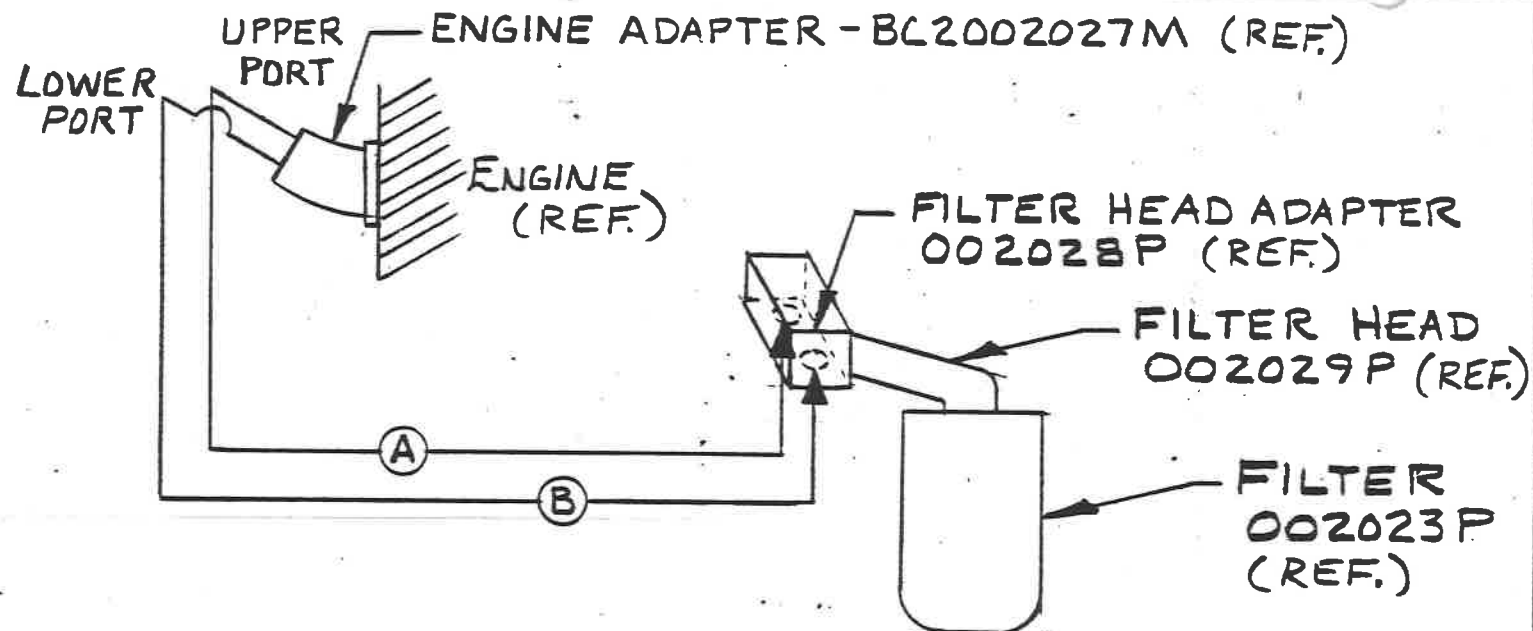
SCALE: 
DATE: 4-10-89

APPROVED BY: 
DRAWN BY: DPD
REVISED:

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER
7 OF 9



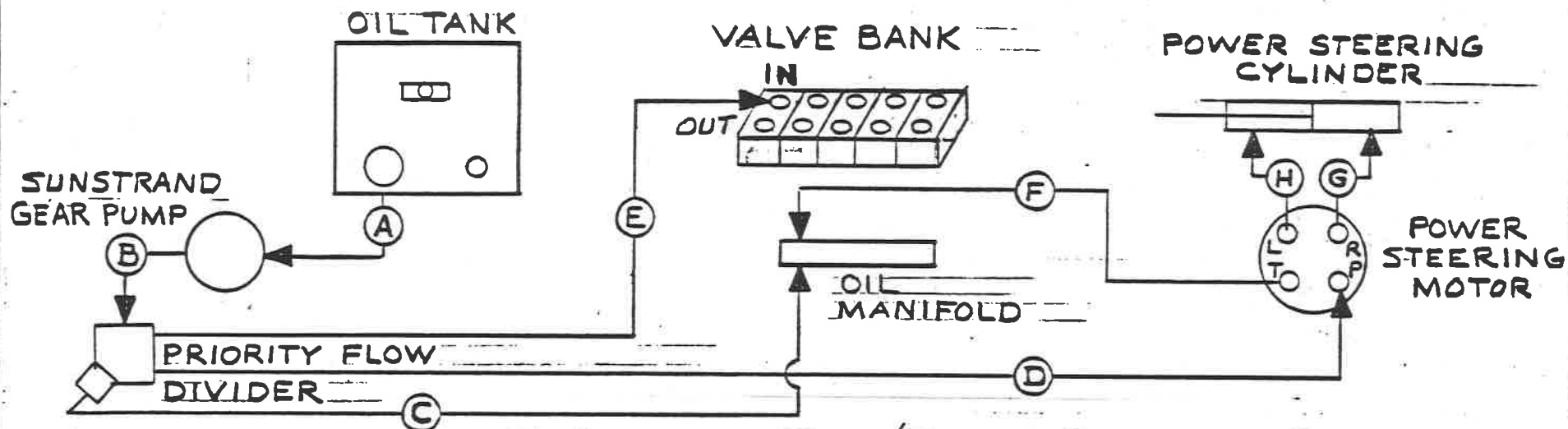
① 2107-8-8, 2107-8-8, H1085P, 3107-8-8

② 0107-8-8, 2107-8-8, 2107-8-8, H1084P, 3107-12-8, 0107-12-12

BEGAN ON MACH. 112222/EXCLUDE 112223 PER ECO#88-0321B

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 -		001421	
HYD. F/H's COMP. (POCLAIN)			
SCALE	✓	APPROVED BY:	
DATE	4-10-89	DRAWN BY	DPD
		REVISED	
CHERRINGTON CORPORATION			
FAIRFAX, MINNESOTA 55332		DRAWING NUMBER	
		8 OF 9	



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) 2107-6-6, 2107-6-6, H1078P, 3107-6-6, 0507-8-6
- (E) 2107-12-12, H1004P, 3A08-10A12
- (F) 0507-8-6, 0107-6-6, 3107-6-6, H1079P, 2107-6-6
- (G) 0507-8-6, 3107-6-6, H1080P, 2107-8-6
- (H) 0507-8-6, 0107-6-6, 3107-6-6, H1081P, 2107-8-6

EXCEPT AS NOTED
 SAWING (+) .0 (-) .06
 SHEARING (+) .0 (-) .03
 WELDMENTS (+) .06 (-) .06
 HOLE DIAS. (+) .008 (-) .005
 ALL OTHER (-) .015 (-) .015
 ANGLES (+) 2° (-) 2°
 BREAK ALL CORNERS .005 MIN
 FINISH _____

- DIAGRAM #21A -

HYD F/H's COMP. (POCLAIN)

SCALE: _____

APPROVED BY: _____

DATE

4-10-89

DRAWN BY

DPD

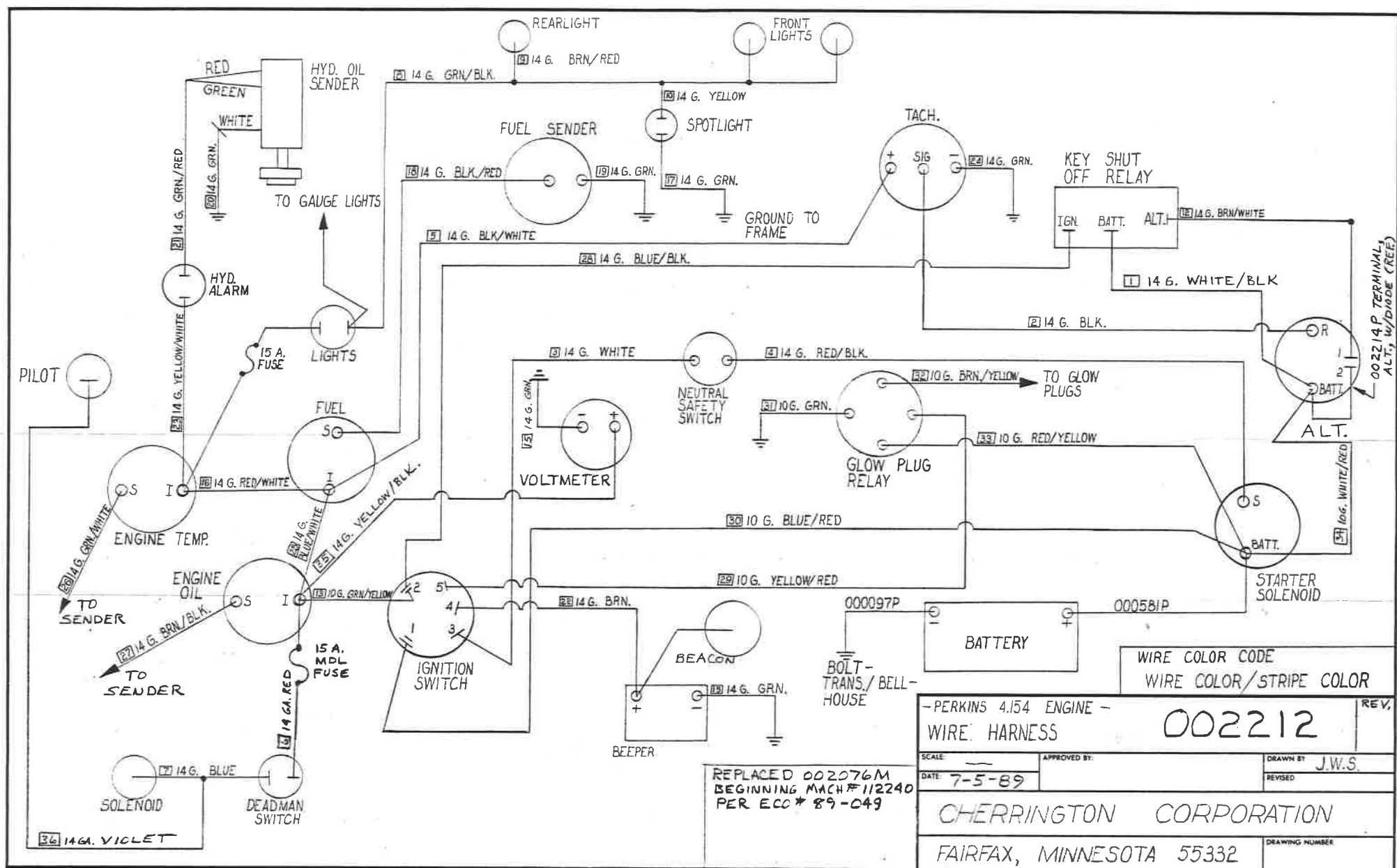
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

9 of 9



LEGEND OF BC WIRES

002212

Wire No	Connector	Ga., Color, Length	Connector
1	#10-spade	14, white/blk stripe, 10"	1/4-ring
2	Perkins Pigtail, Cut to 52" (14 ga. blk)		#8-ring
3	#8-ring	14, white, 123"	F-slide
4	#10-ring	14, red/blk stripe, 73"	#8-ring
5	#10-ring	14, blk/white stripe, 16"	#8-ring
6	F-slide	14, red, 132"	F-slide (aft. inst.)
7	#10-ring (aft. inst.)	14, blue, 96"	F-slide (aft. inst.)
8	#10-spade	14, grn/blk stripe, 80	Scotchlok
9	Scotchlok	14, brn/red stripe, 47"	Butt
10	Butt	14, yellow, 139"	Butt
12	#10-spade	14, brn/white stripe, 3"	F-slide
13	#10-ring	10, grn/yellow stripe, 20"	F-slide
15	Qty=2 #10-ring	14, green, 9"	#10-ring
16	#10-ring	14, red/white stripe, 12"	#10-ring
17	Butt	14, green, 48"	5/16-ring
18	#10-ring	14, black/red stripe, 90"	#10-ring
19	#10-ring	14, green, 90"	#10-ring
20	#10-ring	14, green, 80"	Butt
21	#10-spade	14, grn/red stripe, 80"	Butt
22	#10-ring	14, brown, 100"	F-slide
23	#10-ring	14, yellow/white stripe, 12"	#10-spade
24	#8-ring	14, green, 15"	#10-ring
25	#10-ring	14, blue/white stripe, 12"	#10-ring
26	#10-ring	14, grn/white stripe, 42"	#10-ring
27	#10-ring	14, brown/blk stripe, 68"	#10-ring
28	F-slide	14, blue/blk stripe, 62"	#10-spade
29	F-slide	10, yellow/red stripe, 68"	F-slide
30	Lg.F-slide	10, blue/red stripe, 72"	3/8-ring
31	F-slide	10, green, 6"	3/8-ring
32	5/16-ring	10, brn/yellow stripe, 6"	#10-ring
33	5/16-ring	10, red/yellow stripe, 9"	3/8-ring
34	3/8 ring	10, white/red stripe, 65"	1/4-ring
35	#10-ring	14, yellow/blk stripe, 15"	#10-ring
36	Scotchlok	14, violet, 55"	Butt

LIGHTS
AGC 15 AMP

BLUE
LIGHT

FUEL SHUT OFF
SOLENOID
MDL 15 AMP

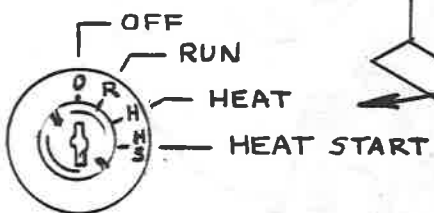
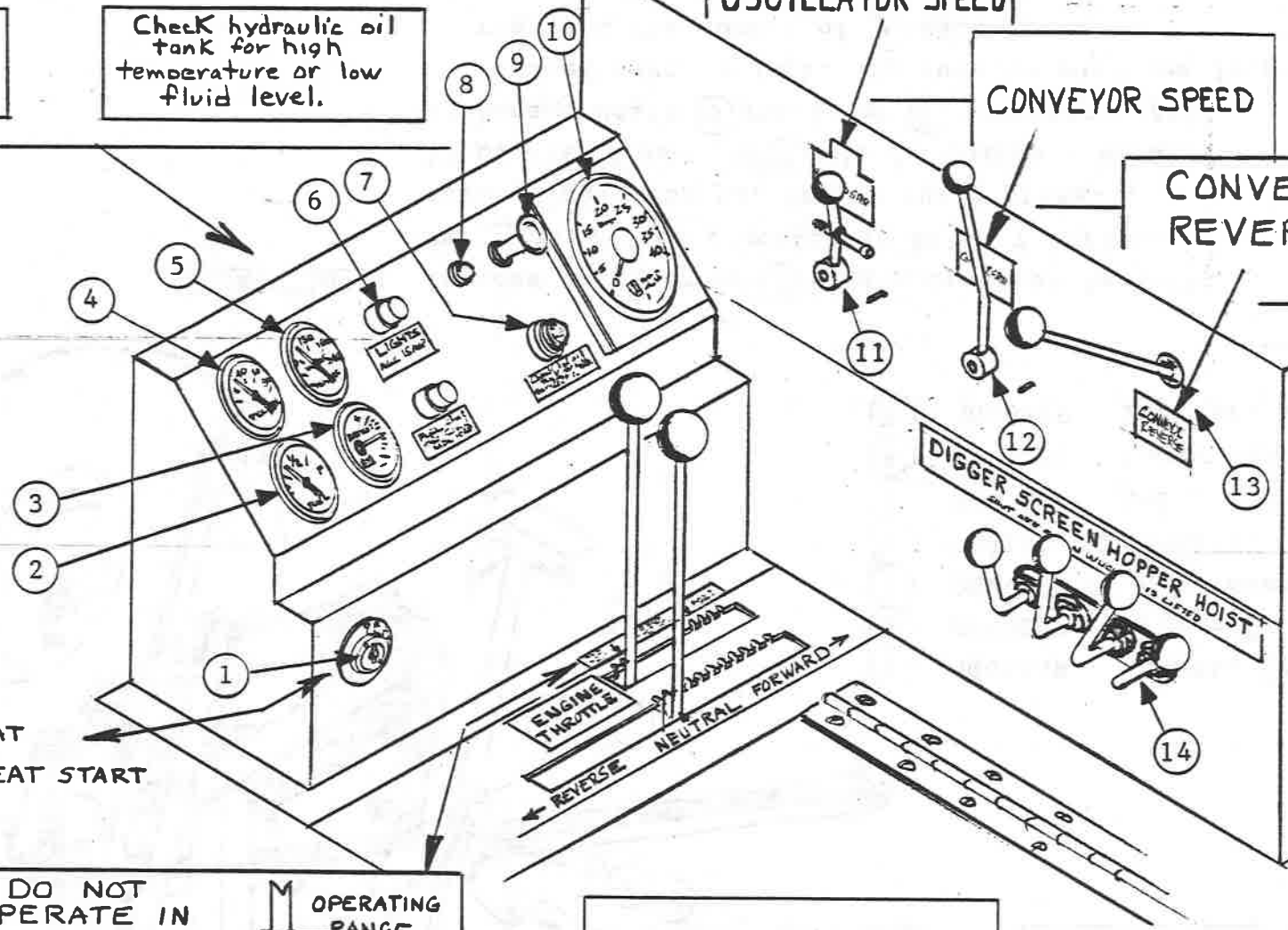
Check hydraulic oil
tank for high
temperature or low
fluid level.

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

OSCILLATOR SPEED

CONVEYOR SPEED

CONVEYOR
REVERSE



ENGINE
STARTING
AND
STOPPING
RANGE

DO NOT
OPERATE IN
THIS RANGE

OPERATING
RANGE

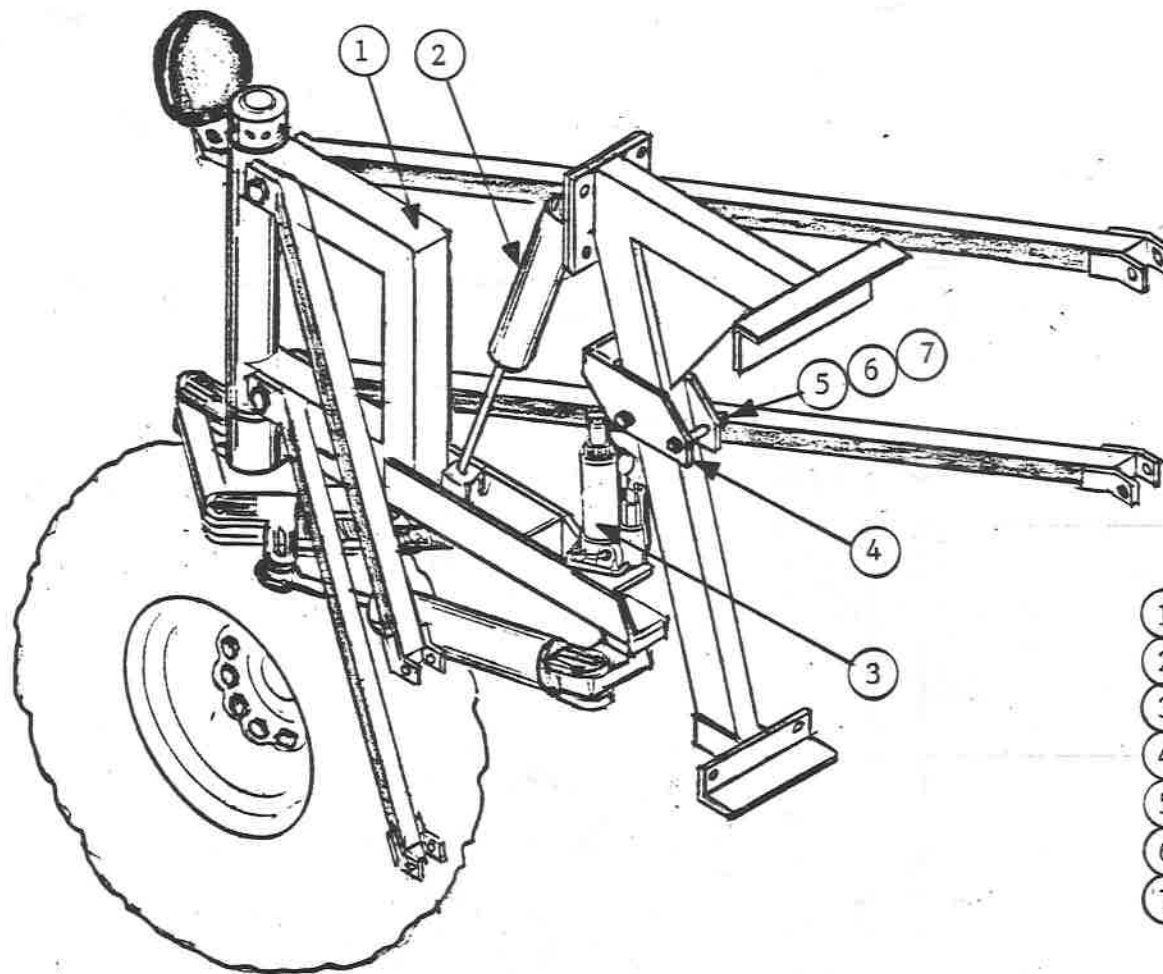
VALVES AND GAUGES

VALVES AND GAUGES

UPDATED P/N

71.P298135

1	000385P	Switch, Ignition (Perkins)
2	000515P	Gauge, Fuel Tank
3	000101P	Gauge, Ammeter
4	000102P	Gauge, Engine Oil Pressure
5	000103P	Gauge, Water Temperature
6	000106P	Fuseholder
7	000527P	Gauge, Hyd. Level/Temp.
8	000089P	Light, Pilot
9	000091P	Switch, Light
10	000438P	Gauge, Tachometer/Hourmeter
11	000418P	Valve, Oscillator Speed Control
12	000417P	Valve, Conveyor Speed Control
13	000076P	Valve, Conveyor Reversing
14	000514A	Valve Bank Assembly



EMERGENCY TOW JACK

1	000555W	Spindle Column
2	000029P	Digger Cylinder
3	002162P	Jack, Emergency Tow
4	002159	Bracket, Emergency Jack
5	000366M	Bolt, 5/8-11NC X 3-1/4"
6	000935P	Lockwasher, 5/8"
7	000932P	Locknut, 5/8-11NC

- INSTRUCTIONS: In case of power or ② Digger Cylinder failure, use ③ Hyd. Jack (located in Battery Box) to raise Digger Points. Follow these steps...
- 1) Locate ③ Jack on ① Spindle Column - as shown.
 - 2) Loosen Bolts ⑤ and lower ④ Emergency Jack Bracket down to jack. Be sure to position jack ram into the socket of ④ Jack Bracket.
 - 3) As you jack the front end up, it may be necessary to release line pressure by operating the "Digger" valve handle periodically.