

PARTS BOOK INDEX

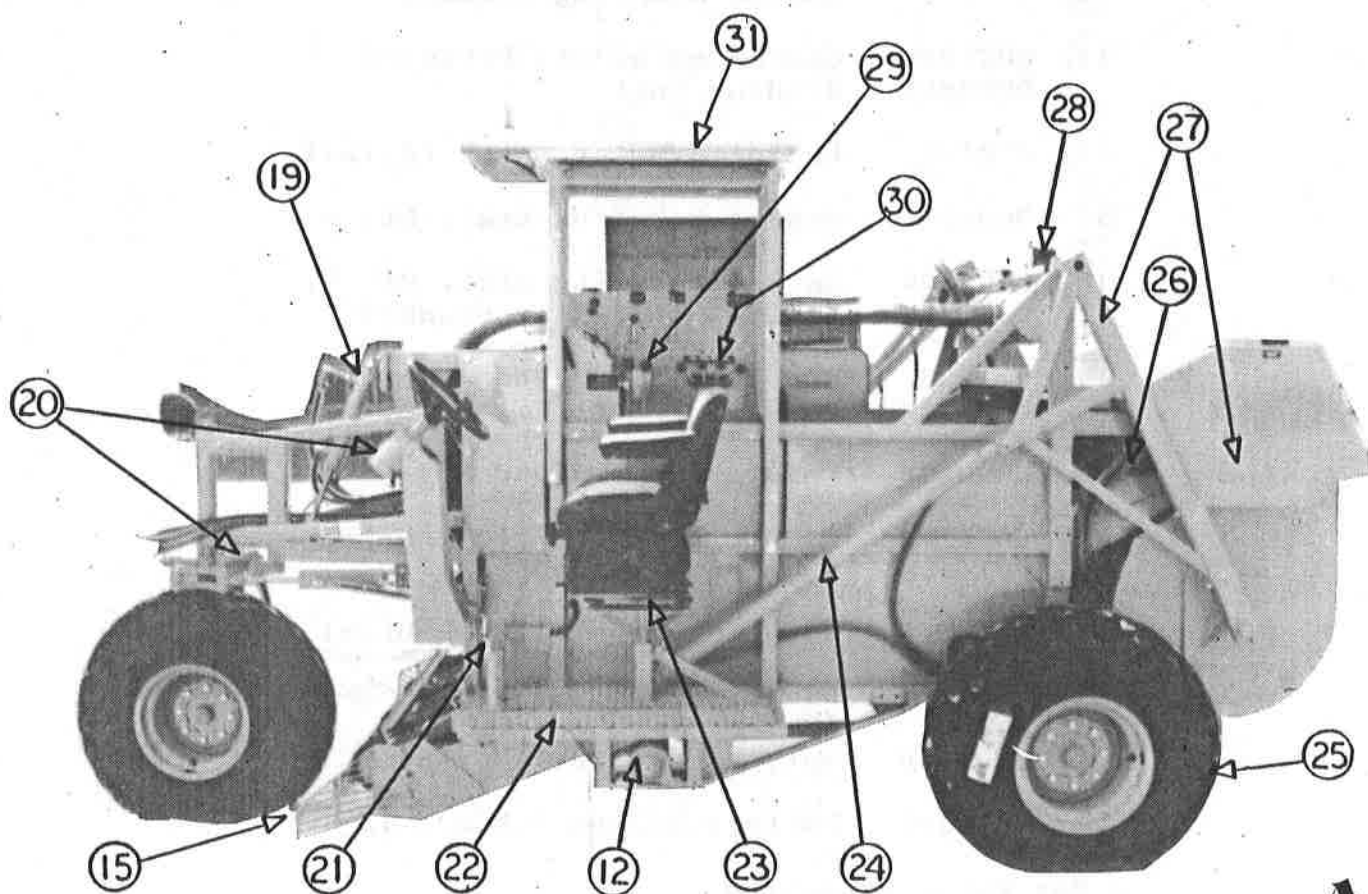
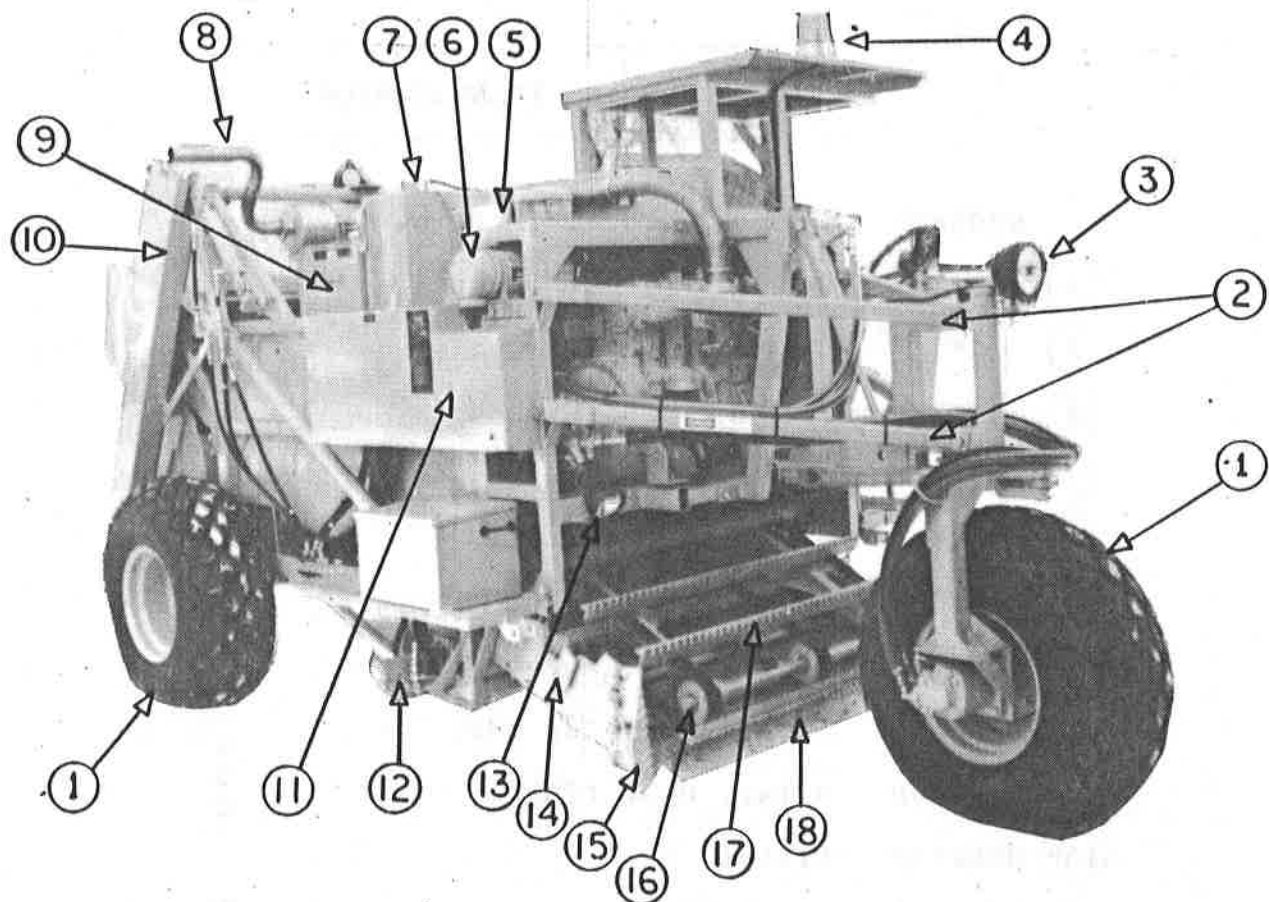
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BEACHCLEANER OVERALL LEGEND

	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	000517P	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

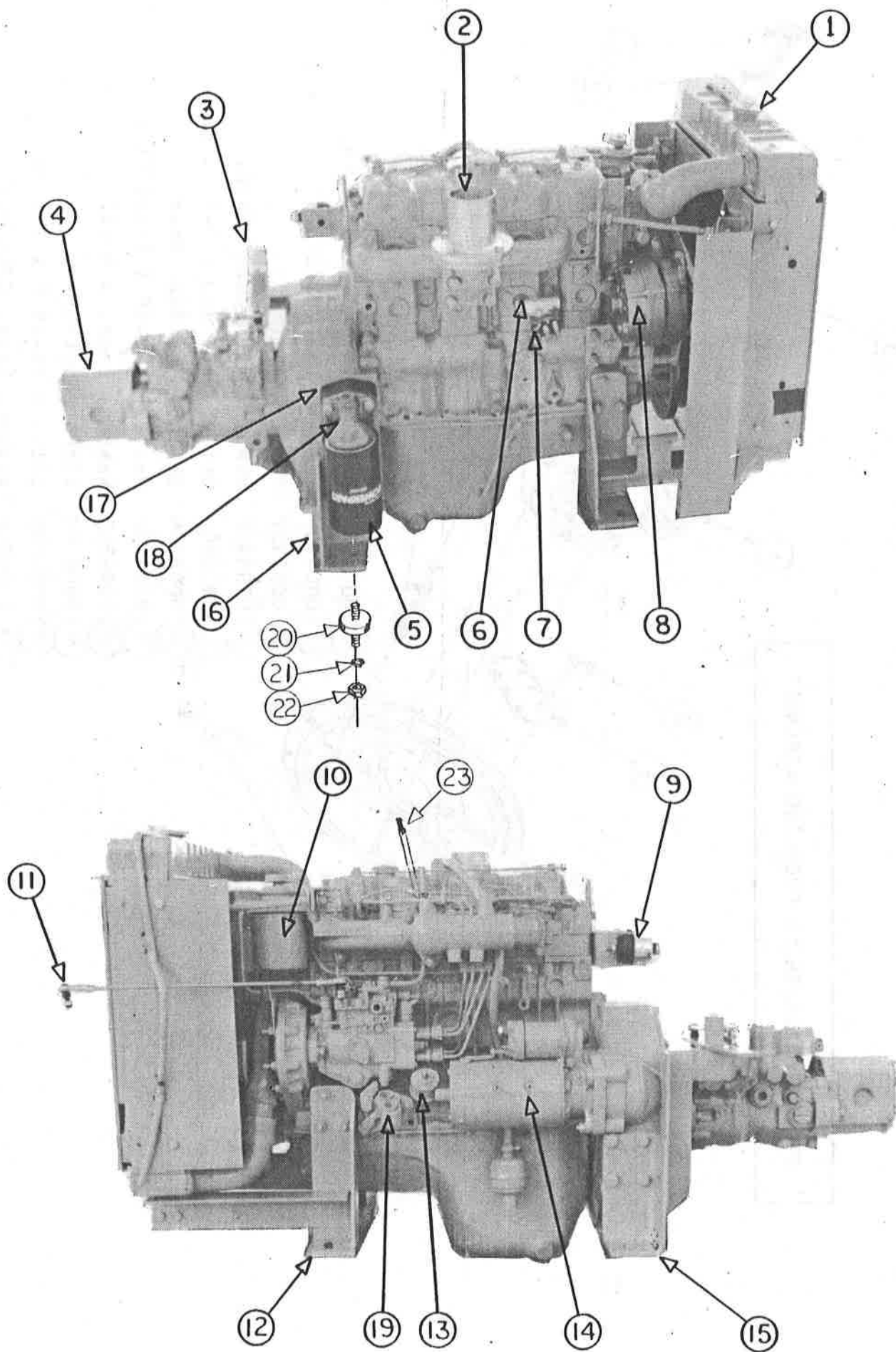
* See Parts Explosion



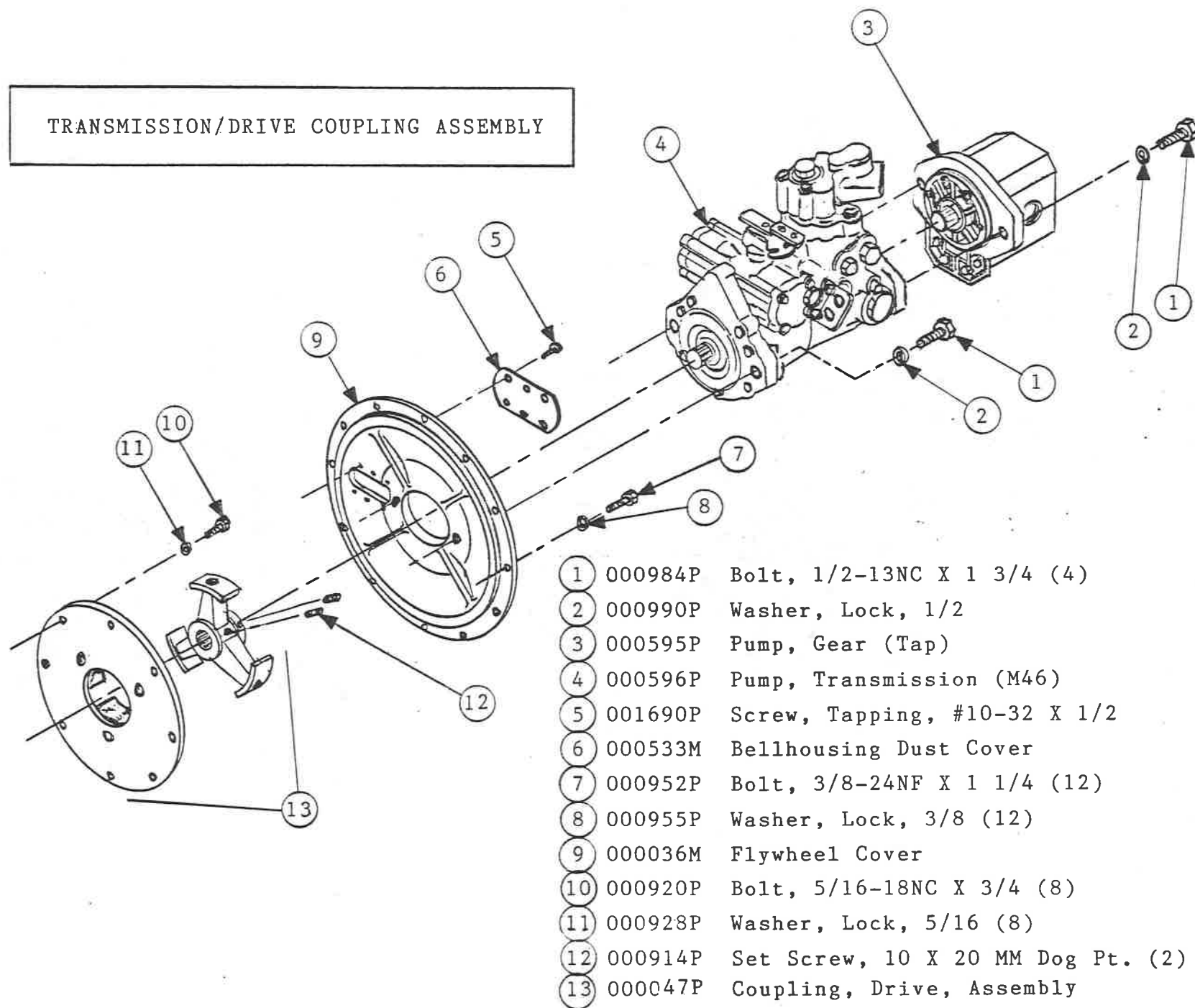
ENGINE/TRANSMISSION

- 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 Gauge-Engine Oil Pressure
000095P Sending Unit
- ⑭ 002106 Engine Starter Motor (4.154)
- ⑮ 000631W Engine Mounting Brkt.-Lt. R.
- ⑯ 000630W Engine Mounting Brkt.-Rt. R.
002022M Engine Oil Filter Bracket
- ⑰ 002028P Remote Filter Head Adapter
002037P Gasket, Remote Filter
- ⑱ 002029P Remote Filter Head
- ⑲ 002027M Remote Filter Engine Adapter
001410A 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

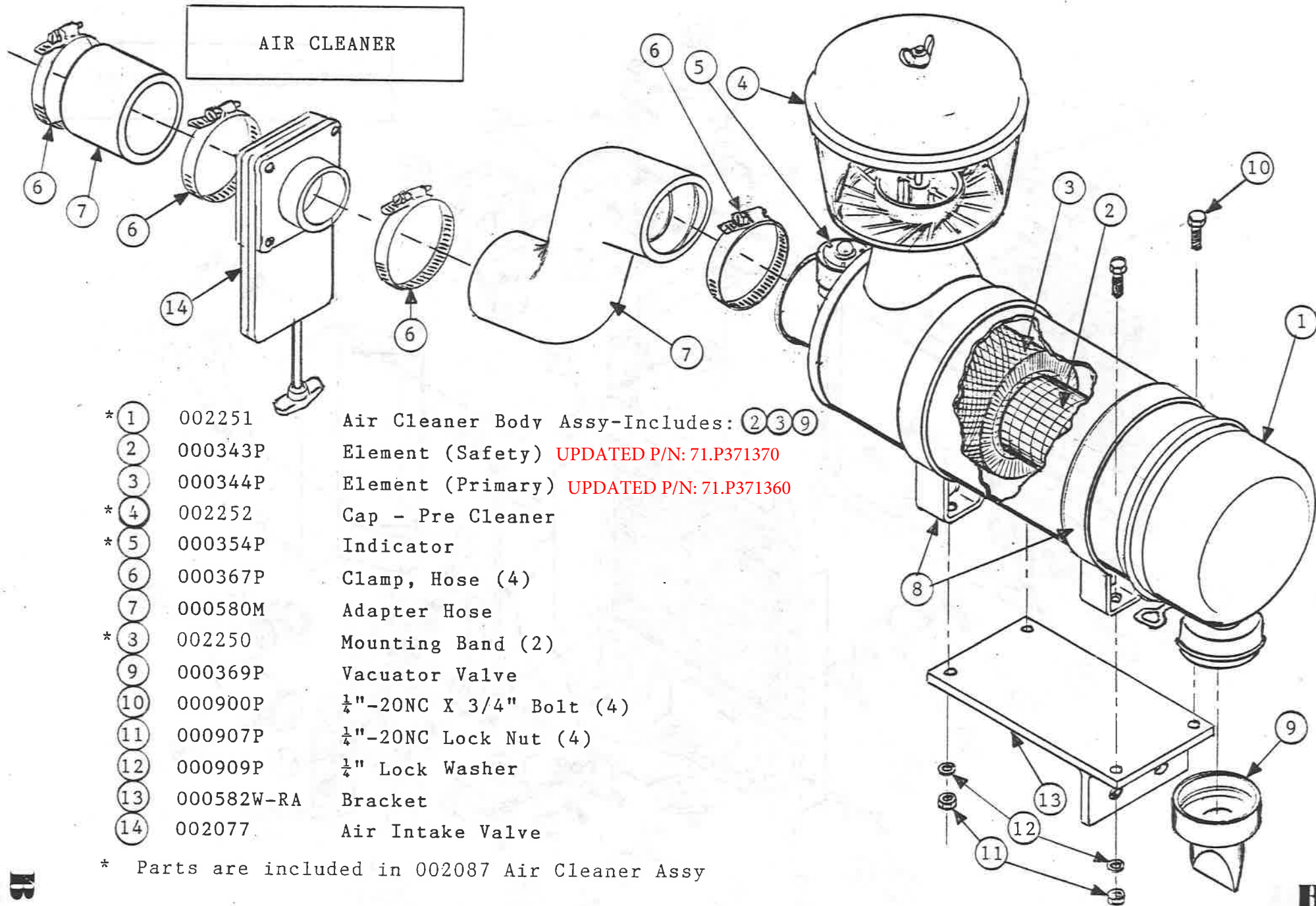


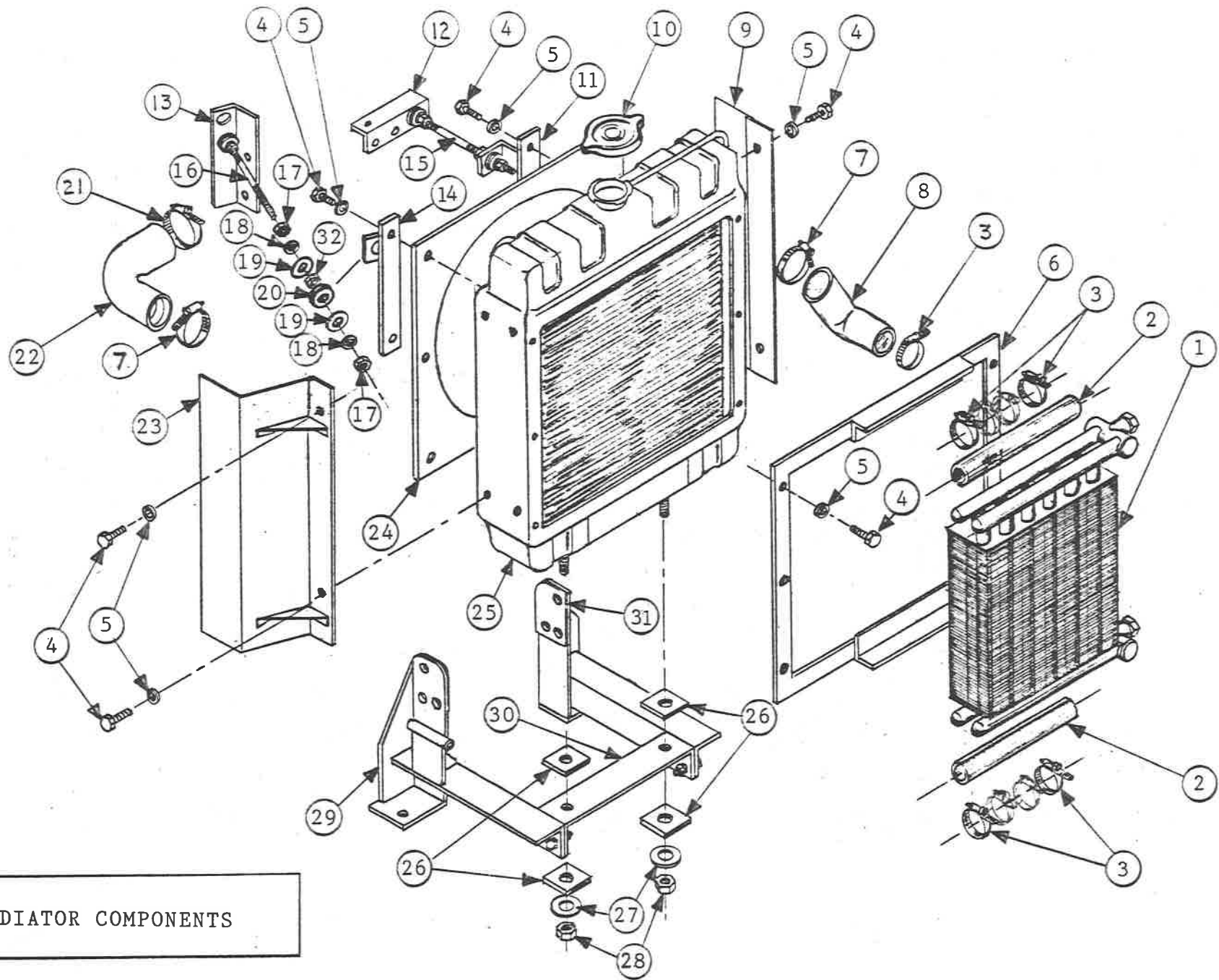
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|----|---------|-----------------------------------|
| 1 | 000984P | Bolt, 1/2-13NC X 1 3/4 (4) |
| 2 | 000990P | Washer, Lock, 1/2 |
| 3 | 000595P | Pump, Gear (Tap) |
| 4 | 000596P | Pump, Transmission (M46) |
| 5 | 001690P | Screw, Tapping, #10-32 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 002251 Air Cleaner Body Assy-Includes: 2 3 9
- 2 000343P Element (Safety) UPDATED P/N: 71.P371370
- 3 000344P Element (Primary) UPDATED P/N: 71.P371360
- * 4 002252 Cap - Pre Cleaner
- * 5 000354P Indicator
- 6 000367P Clamp, Hose (4)
- 7 000580M Adapter Hose
- * 3 002250 Mounting Band (2)
- 9 000369P Vacuator Valve
- 10 000900P $\frac{1}{4}$ "-20NC X $\frac{3}{4}$ " 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

* Parts are included in 002087 Air Cleaner Assy





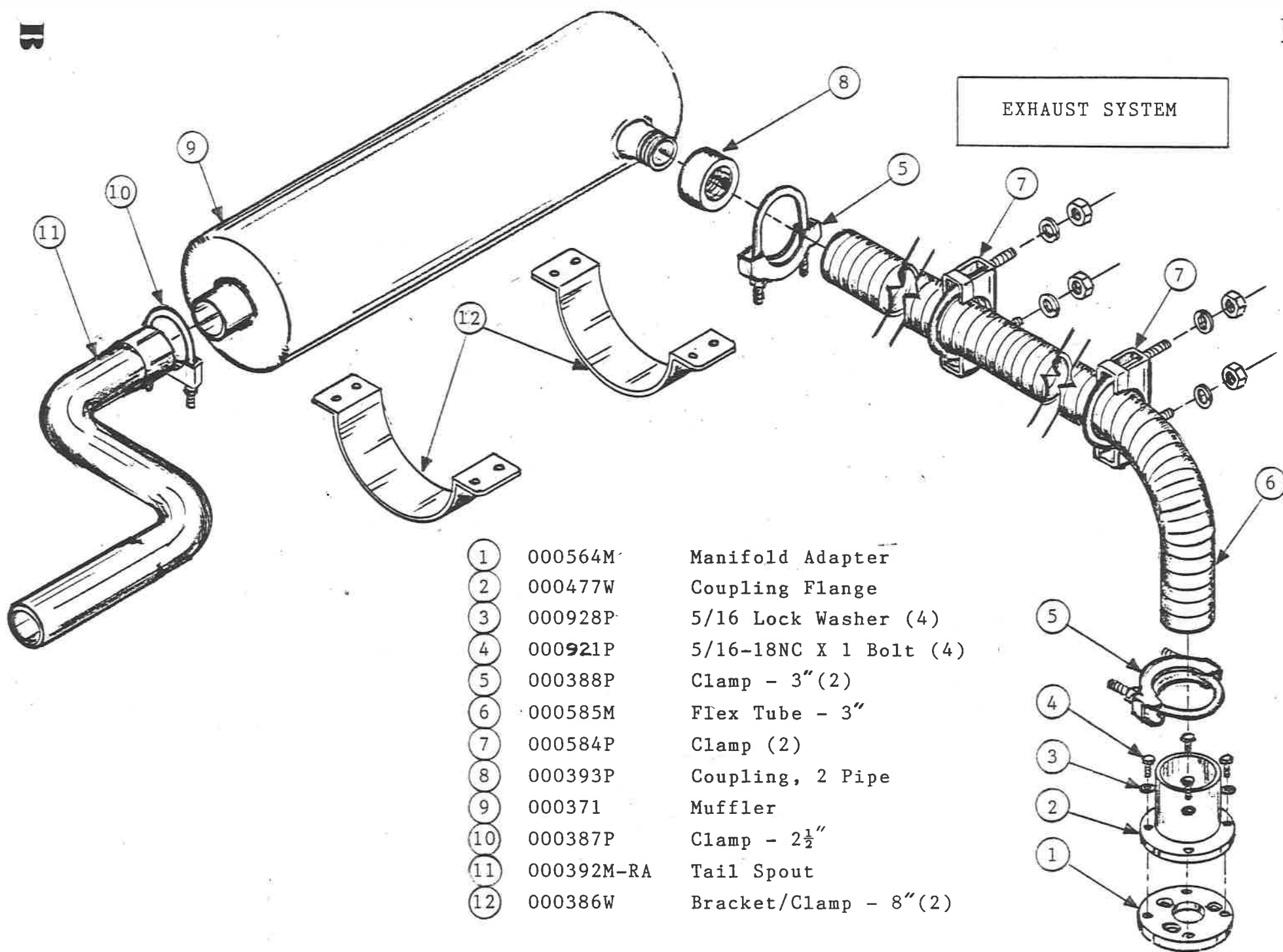
RADIATOR COMPONENTS

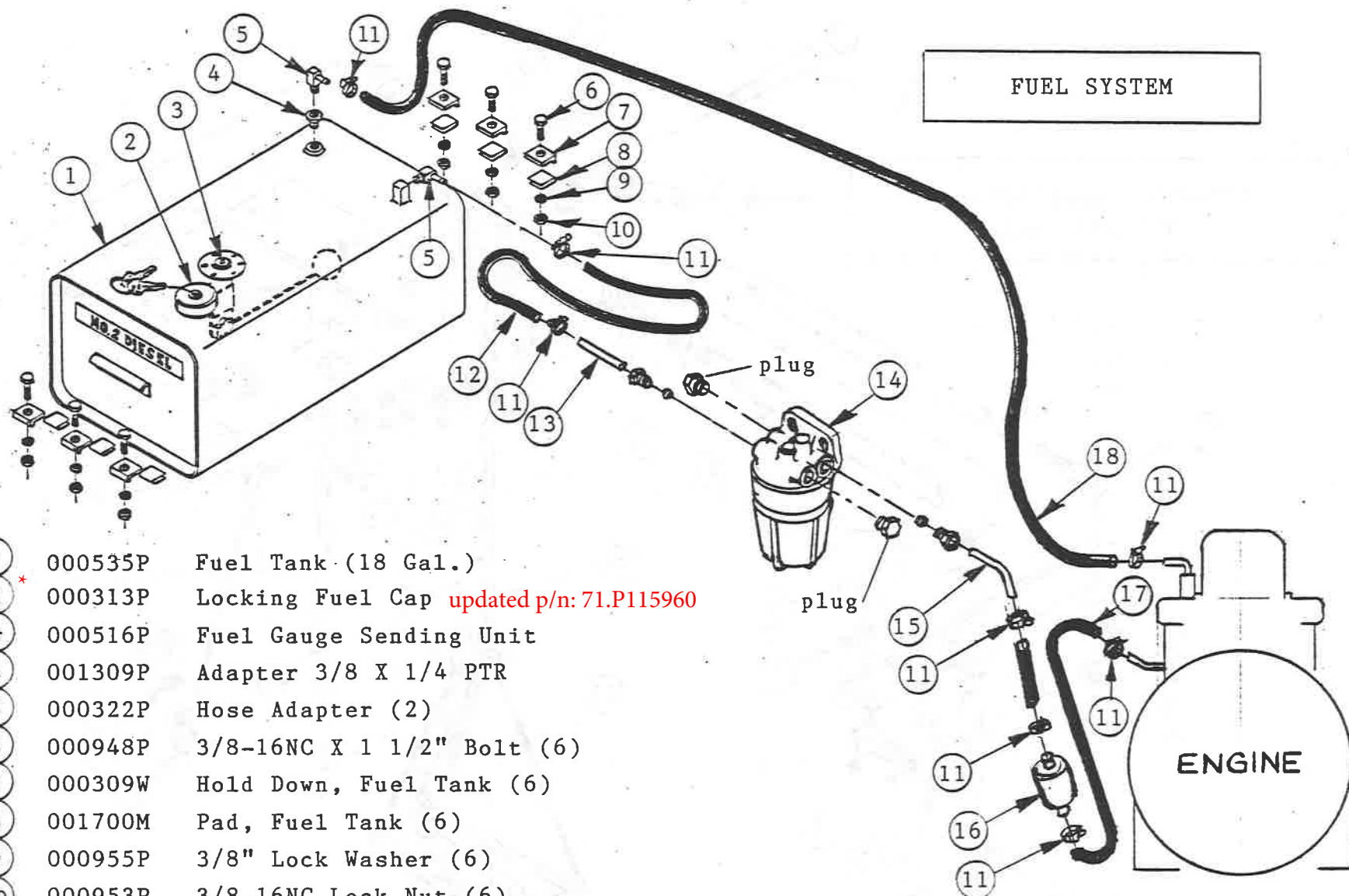
RADIATOR COMPONENTS

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

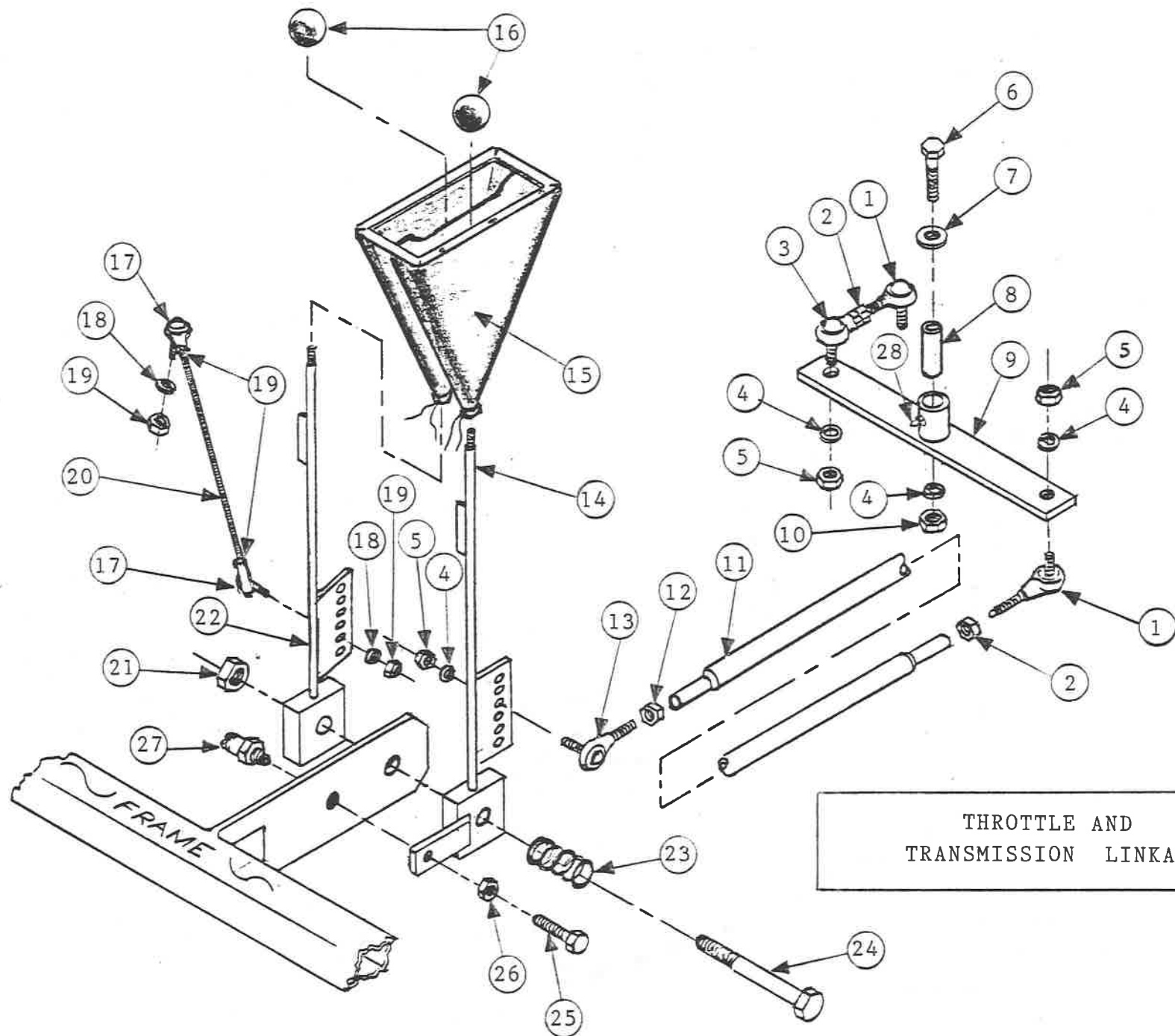
*22 002069P upper radiator hose replaced by updated p/n: 71.P269070





- | | | |
|----|---------|---|
| 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 Separator |

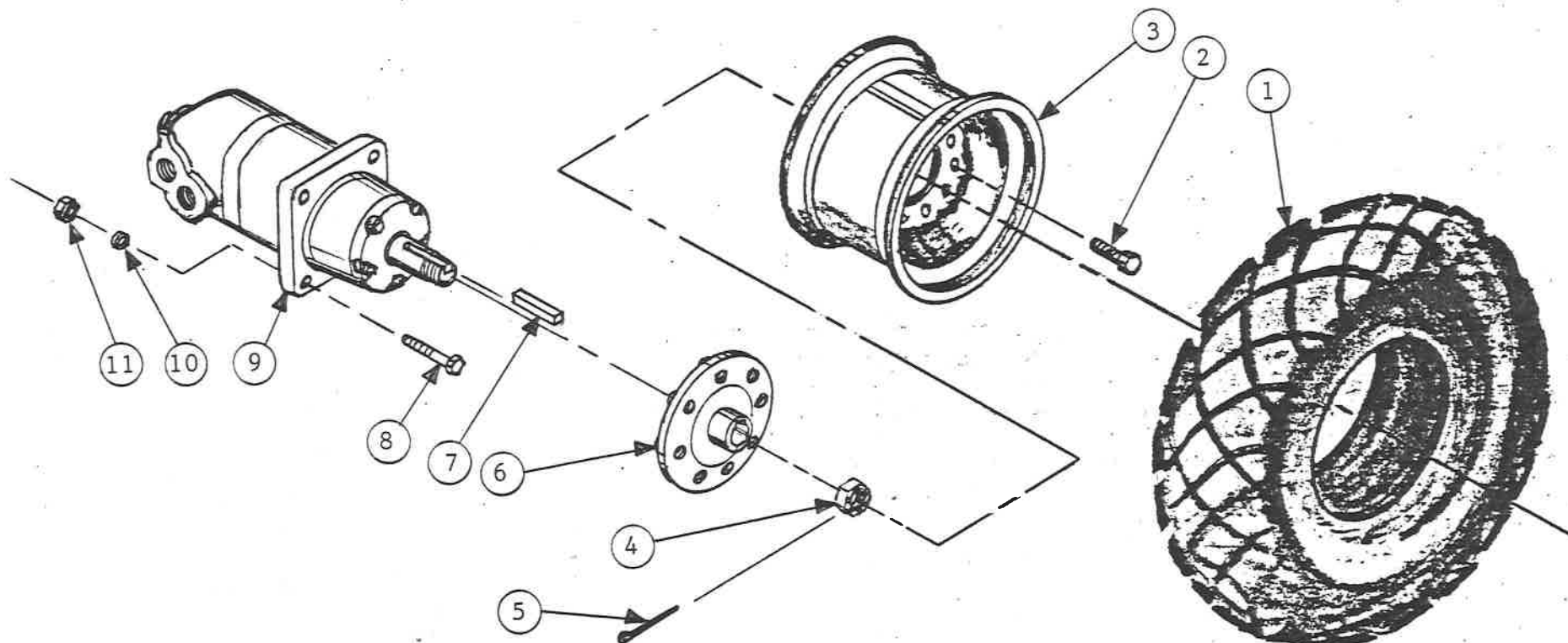
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|----|---------|---------------------------|
| 15 | 002095 | Tubing, Fuel Line, Outlet |
| 16 | 001704P | Filter, Fuel; In Line |
| 17 | 002092 | Fuel Line (Eng.) |
| 18 | 002090 | Fuel Line (Return) |



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



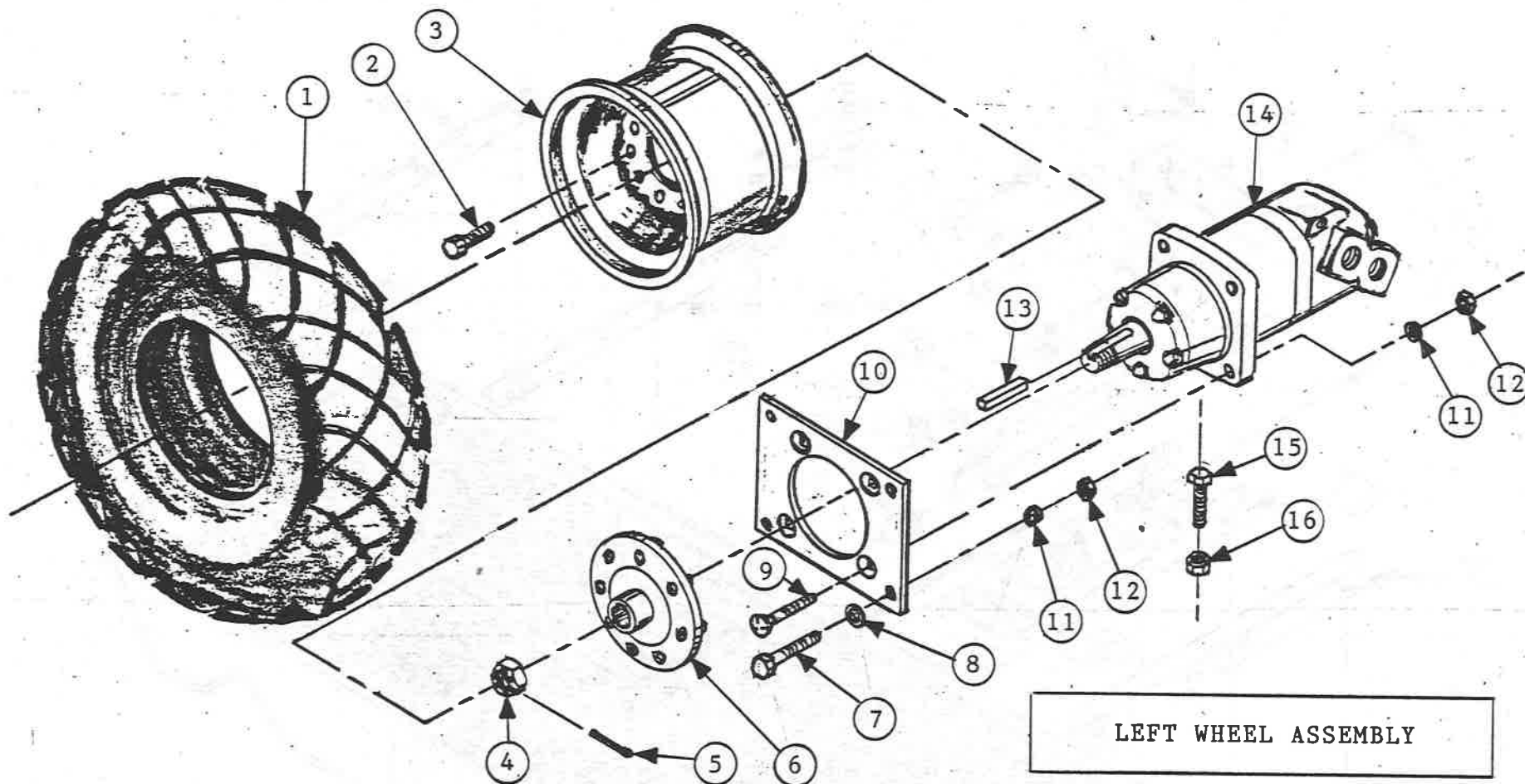
FRONT WHEEL ASSEMBLY

AND

RIGHT 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	000497M	Key-Wheel Motor
8	000985P	Bolt, 1/2-13NC X 2 (4)
9	002118	*Motor, Wheel-6000 Series
10	000990P	Lock Washer, 1/2 (4)
11	000988P	Lock Nut, 1/2-13NC (4)
	*000082P	Seal Kit, Rear UPDATED P/N: 71.P354601
	000081P	Seal Kit, Shaft UPDATED P/N: 71.P354602
		71.P354603 SHAFT SEAL GUARD



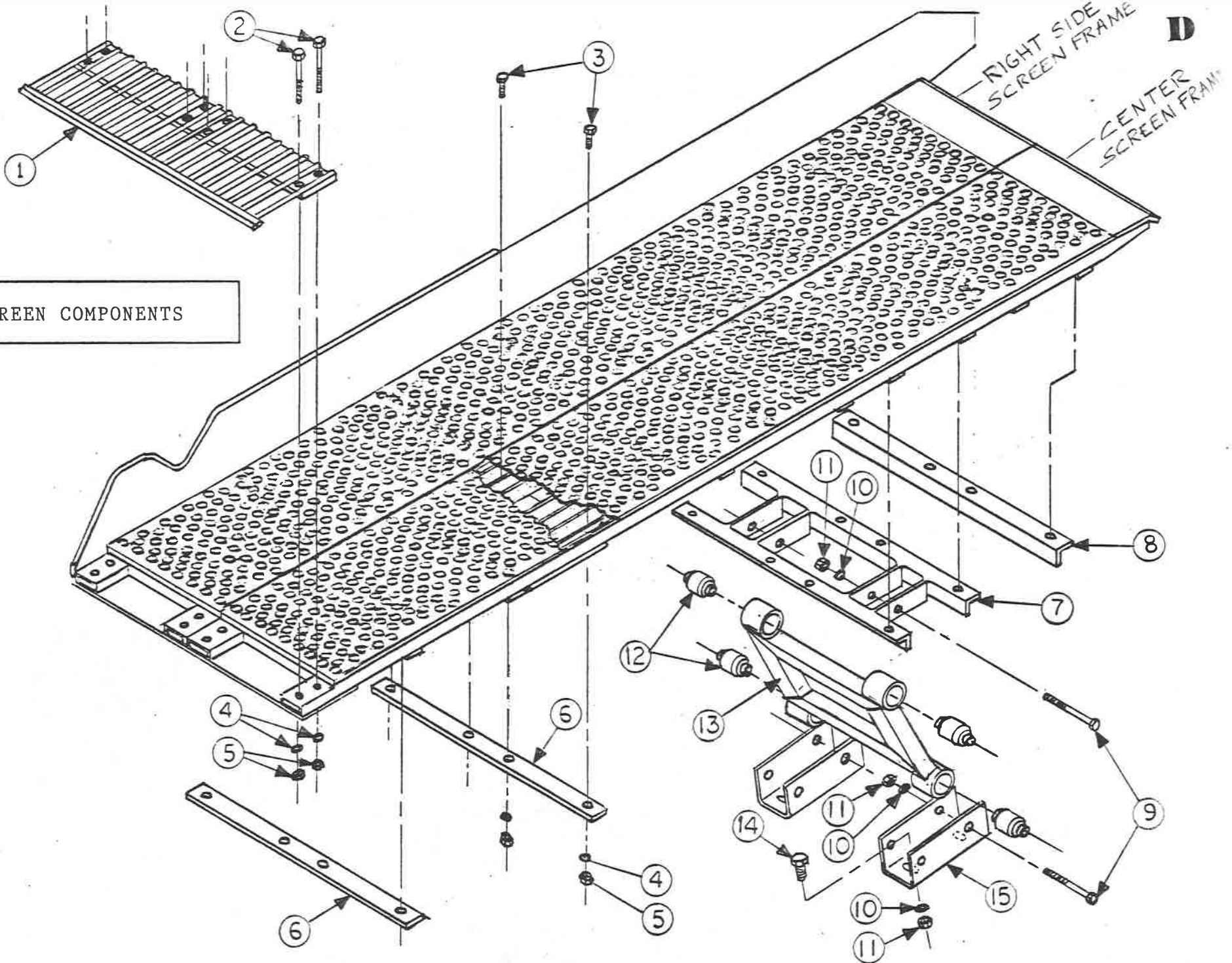
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| 1 | 000043P | Tire |
| 2 | 000943P | Wheel Bolt (8) |
| 3 | 002148 | Rim |
| 4 | 000020M | Nut, Slotted-Wheel Motor |
| 5 | 000970P | Cotter Pin, 1/8 X 2 |
| 6 | 000460W | Wheel Hub |
| 7 | 000985P | Bolt, 1/2-13NC X 2" (4) |
| 8 | 000991P | Flat 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
 000081P Seal Kit, Shaft

71.P354603 SHAFT SEAL GUARD

LEFT WHEEL ASSEMBLY



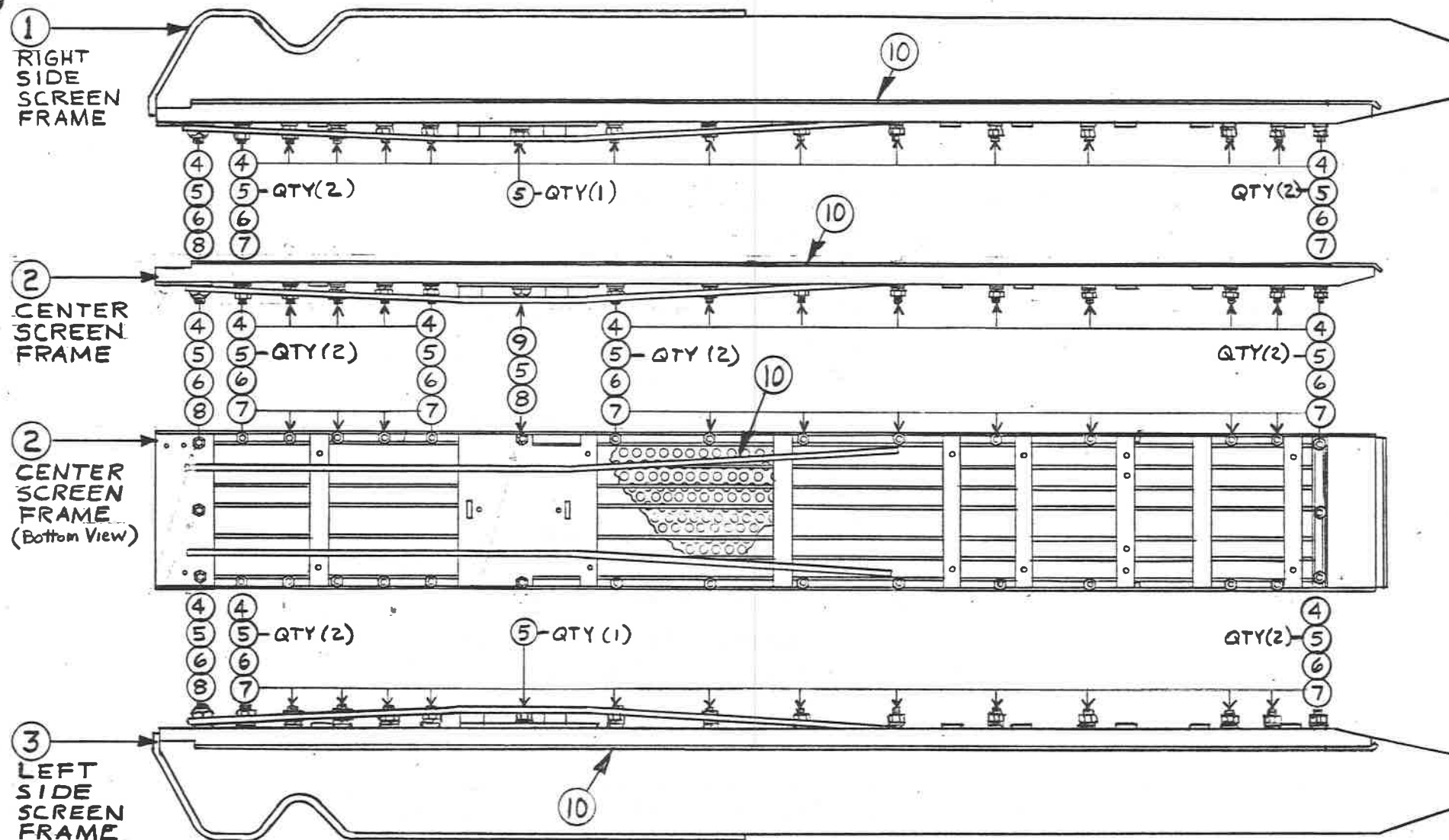
SCREEN COMPONENTS

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) |

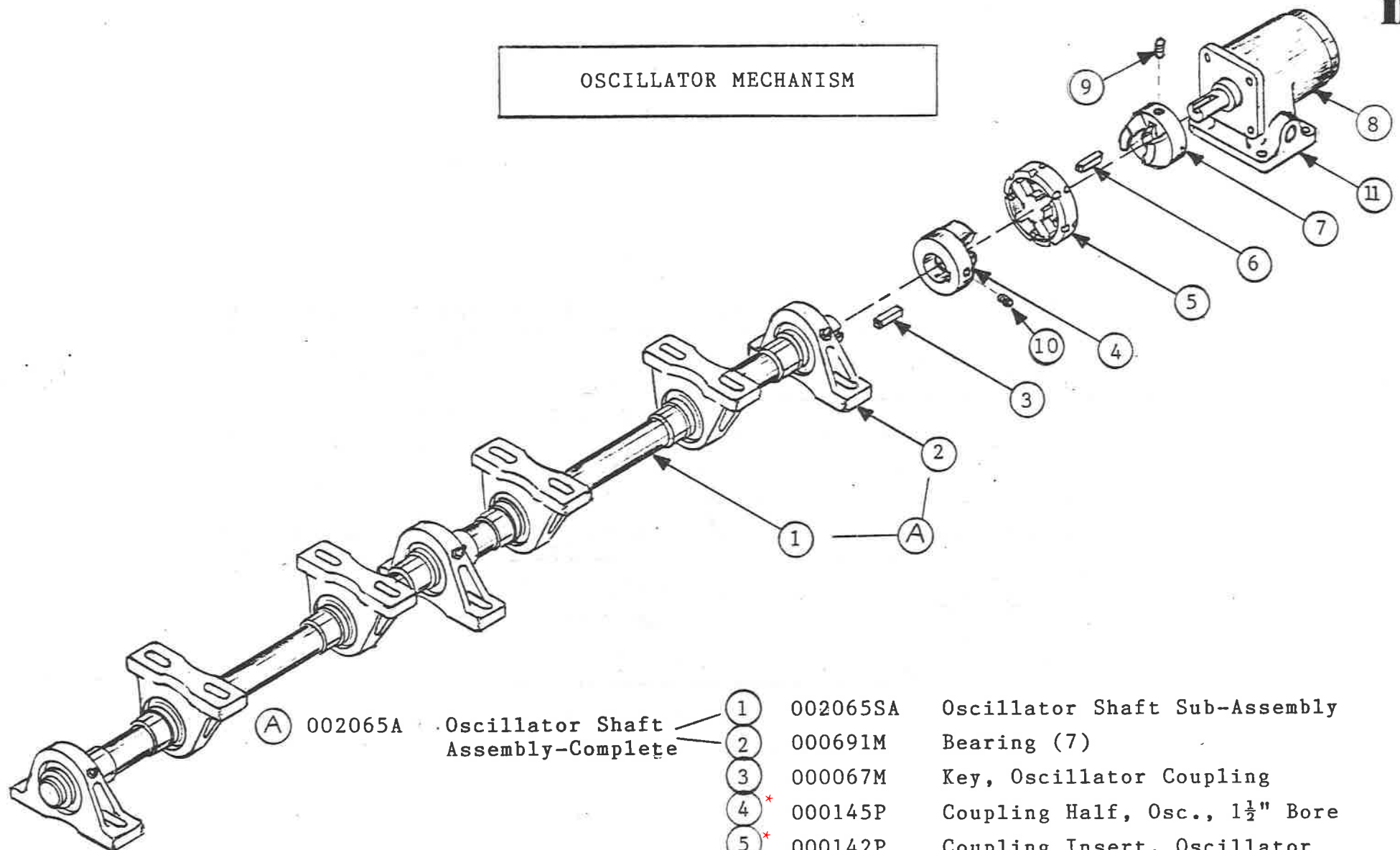
*OPTIONAL SOLID DIGGER POINT P/N 71.000330W QTY 2 REQD



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

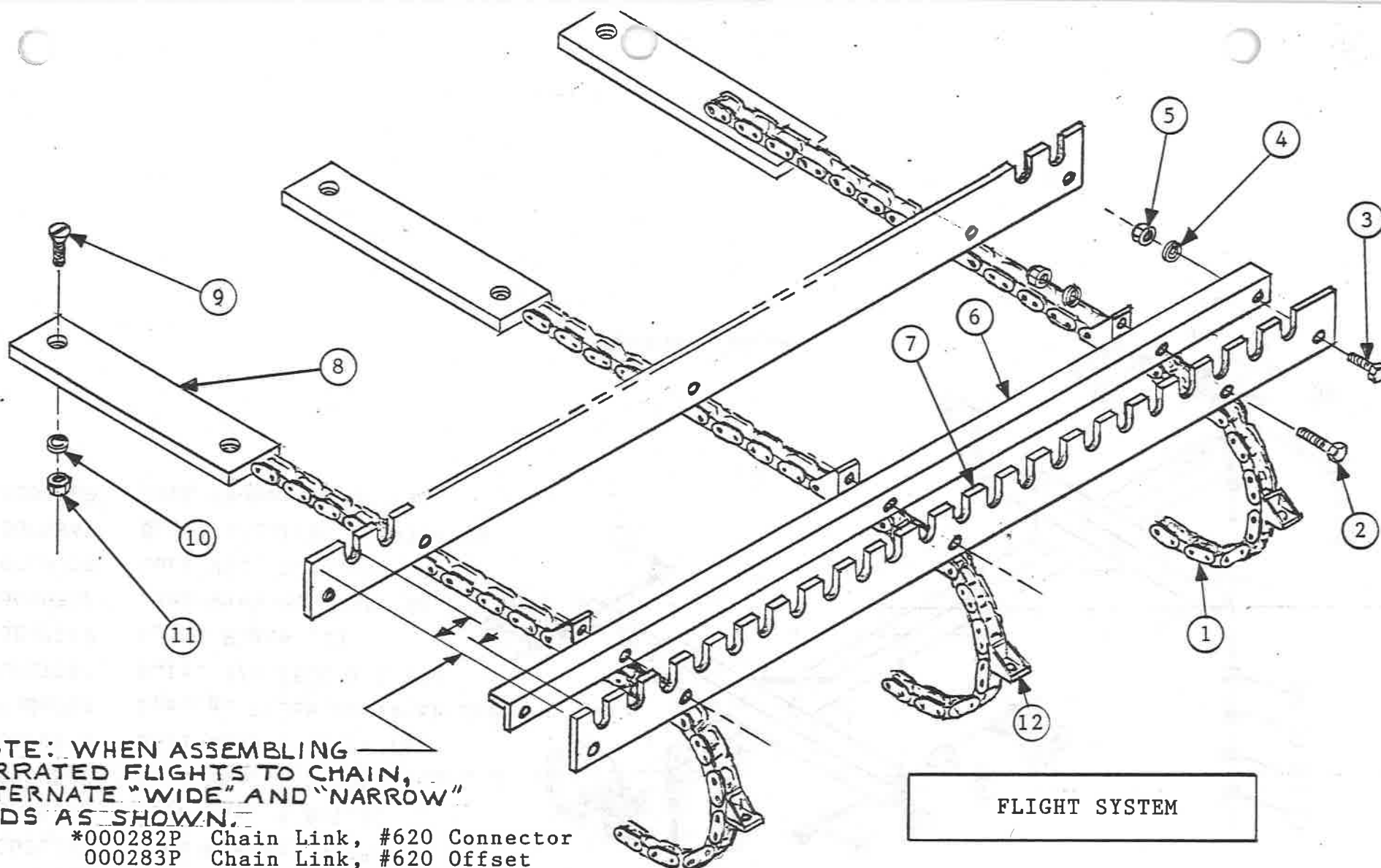


(A) 002065A

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	Motor, Oscillator
(9)	000968P	Set Screw, 7/16-16NC X ¾"
(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)



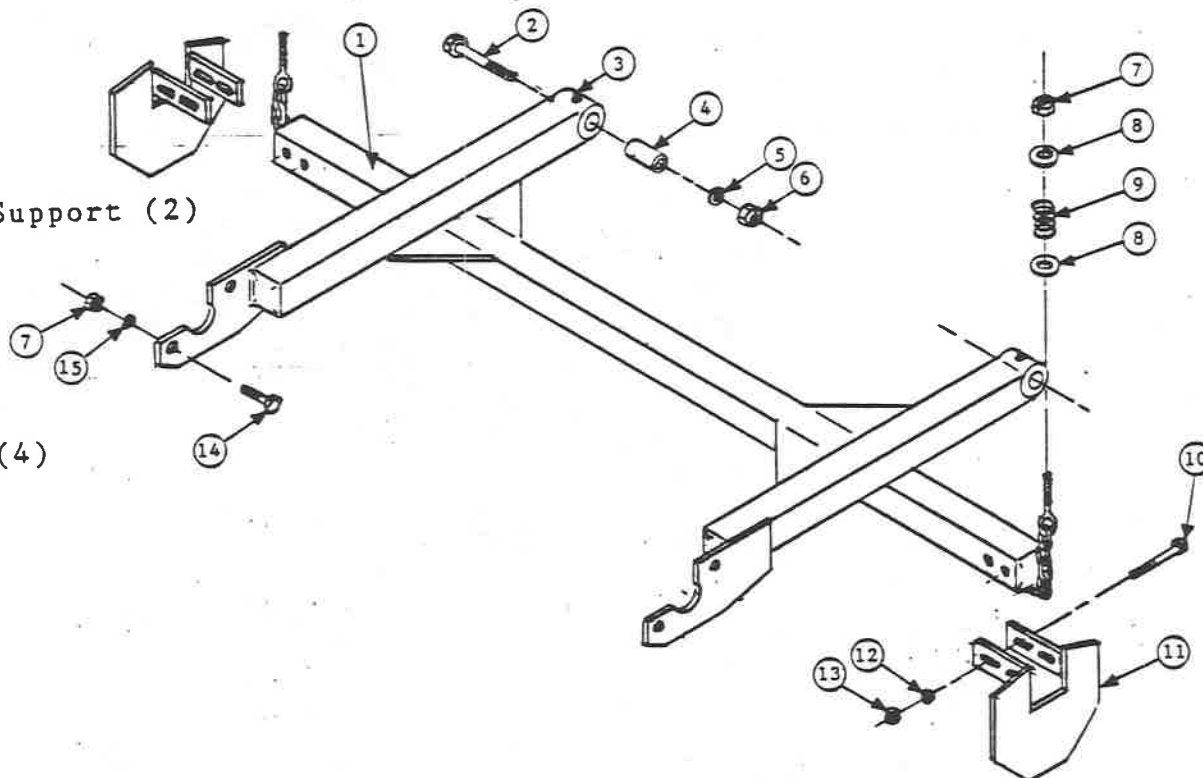
*000282P Chain Link, #620 Connector
000283P Chain Link, #620 Offset

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

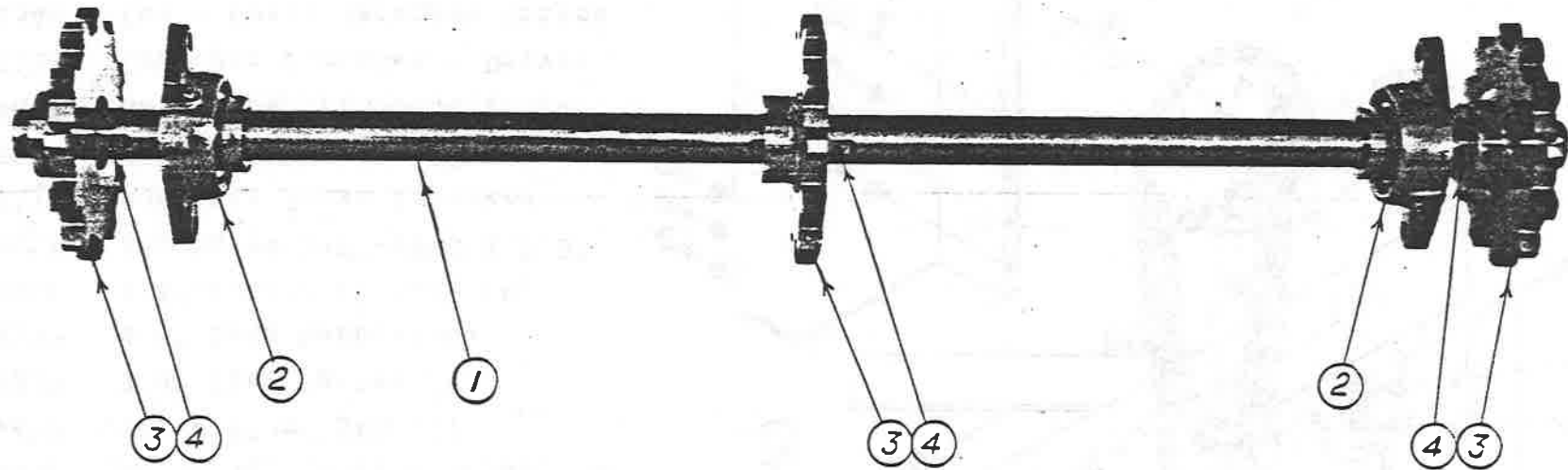
*UPDATED CONVEYOR CHAIN #620 - 26 CLEATS P/N: 71.P632820

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)



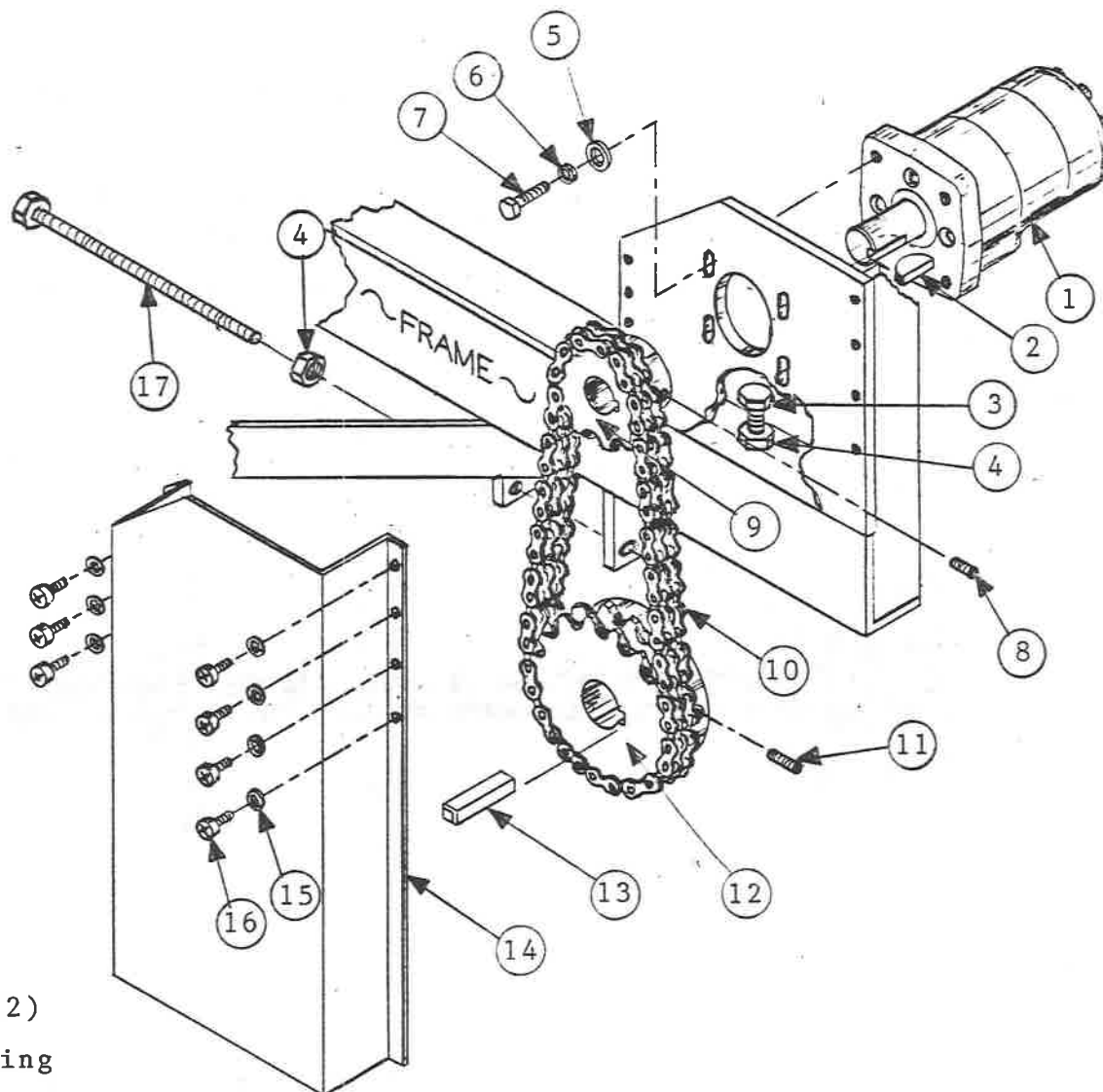
FRONT CONVEYOR SHAFT ASSEMBLY



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

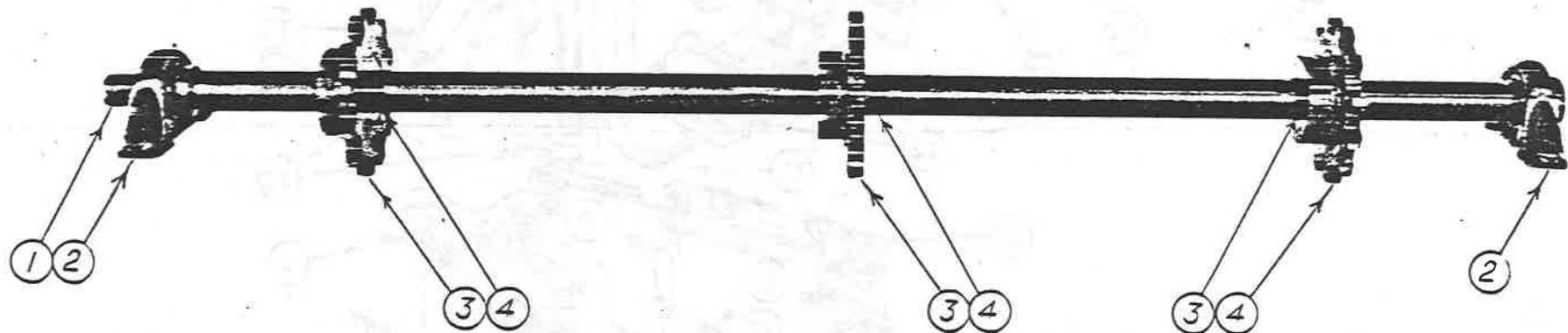


CONVEYOR DRIVE
MECHANISM



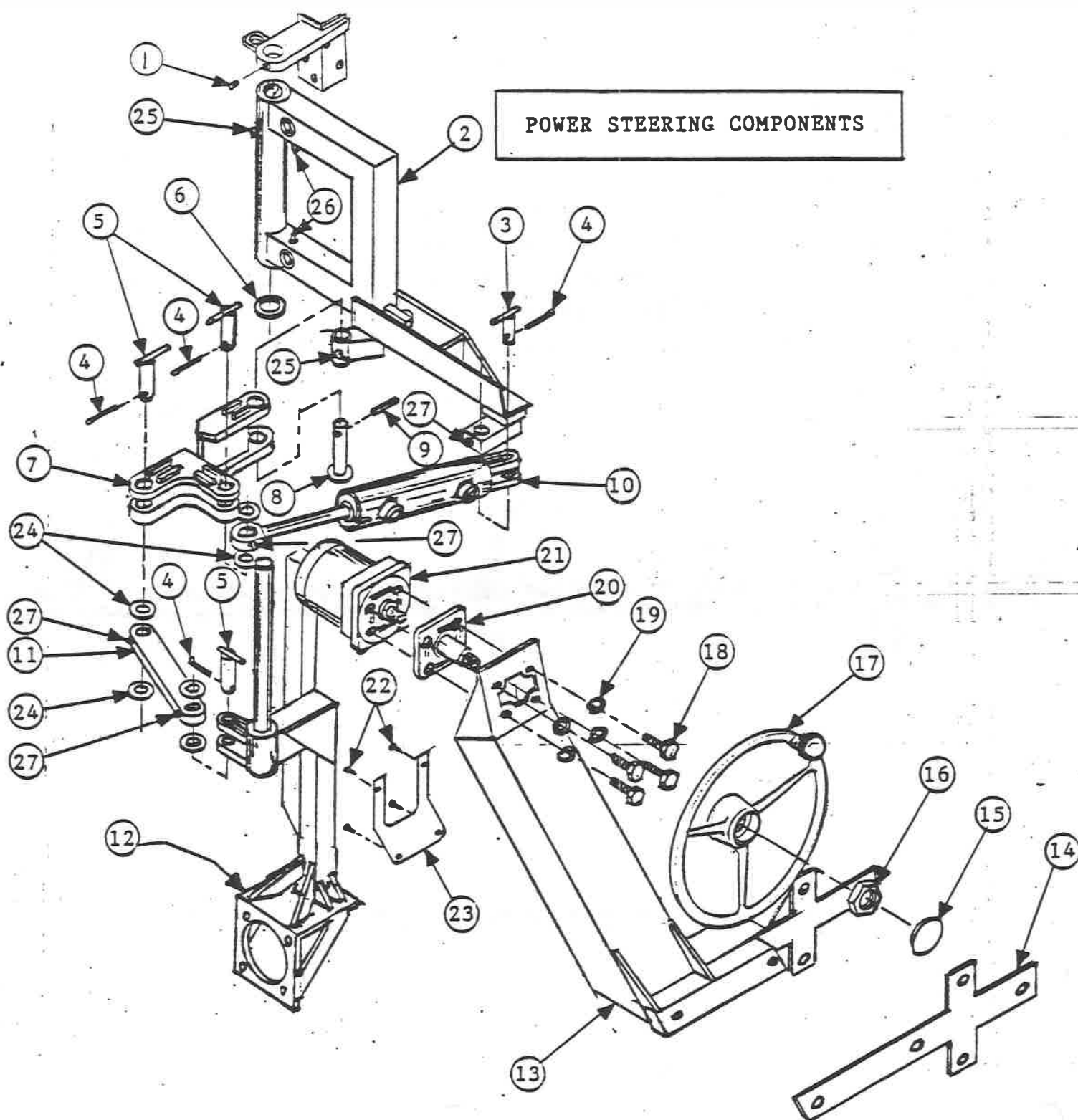
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|----|----------|--|
| 1 | 000510P | Conveyor Motor |
| 2 | 000057P | Key - Conveyor Motor |
| 3 | 000985P | Motor Adj. Bolt $\frac{1}{2}$ "-13NC X 2" |
| 4 | 000989P | Nut - $\frac{1}{2}$ " - 13NC (3) |
| 5 | 000956P | $\frac{3}{8}$ " Flat Washer (4) |
| 6 | 000955P | $\frac{3}{8}$ " Lock Washer (4) |
| 7 | 000946P | $\frac{3}{8}$ "-16NC X 1" Bolt (4) |
| 8 | 000964P | Set Screw $\frac{3}{8}$ "-16NC X $\frac{3}{8}$ " |
| 9 | 000511M | Conveyor Drive Sprocket |
| 10 | *000504M | #50 Double Drive Chain |
| 11 | 000965P | Set Screw $\frac{3}{8}$ "-16NC X $\frac{3}{4}$ " |
| 12 | 000512M | Conveyor Sprocket - Driven |
| 13 | 000534M | Key - Conv. Sprocket Driven |
| 14 | 000716W | Conv. Motor Chain Guard |
| 15 | 000917P | $\frac{3}{16}$ " Lock Washer (7) |
| 16 | 001690P | Screw, Tapping #10-32 X $1\frac{1}{2}$ " |
| 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")
(2)	000279P	Bearing, Rear Conveyor (2)
(3)	000324W	Rear Conveyor Sprocket (3)
(4)	000328M	Key - Conveyor Shaft (3)

POWER STEERING COMPONENTS

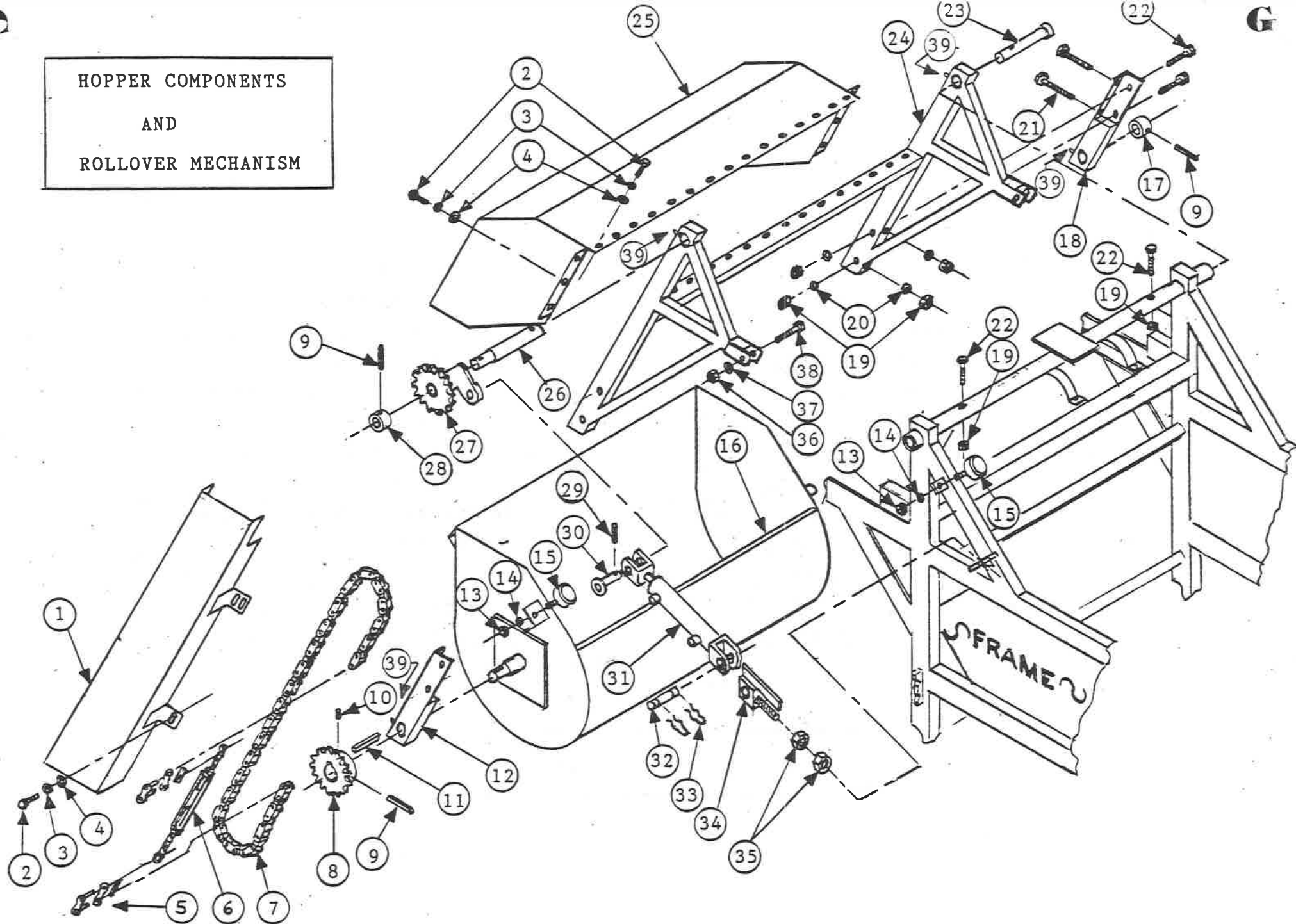


POWER STEERING COMPONENTS

①	000960P	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 Column
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	002206	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

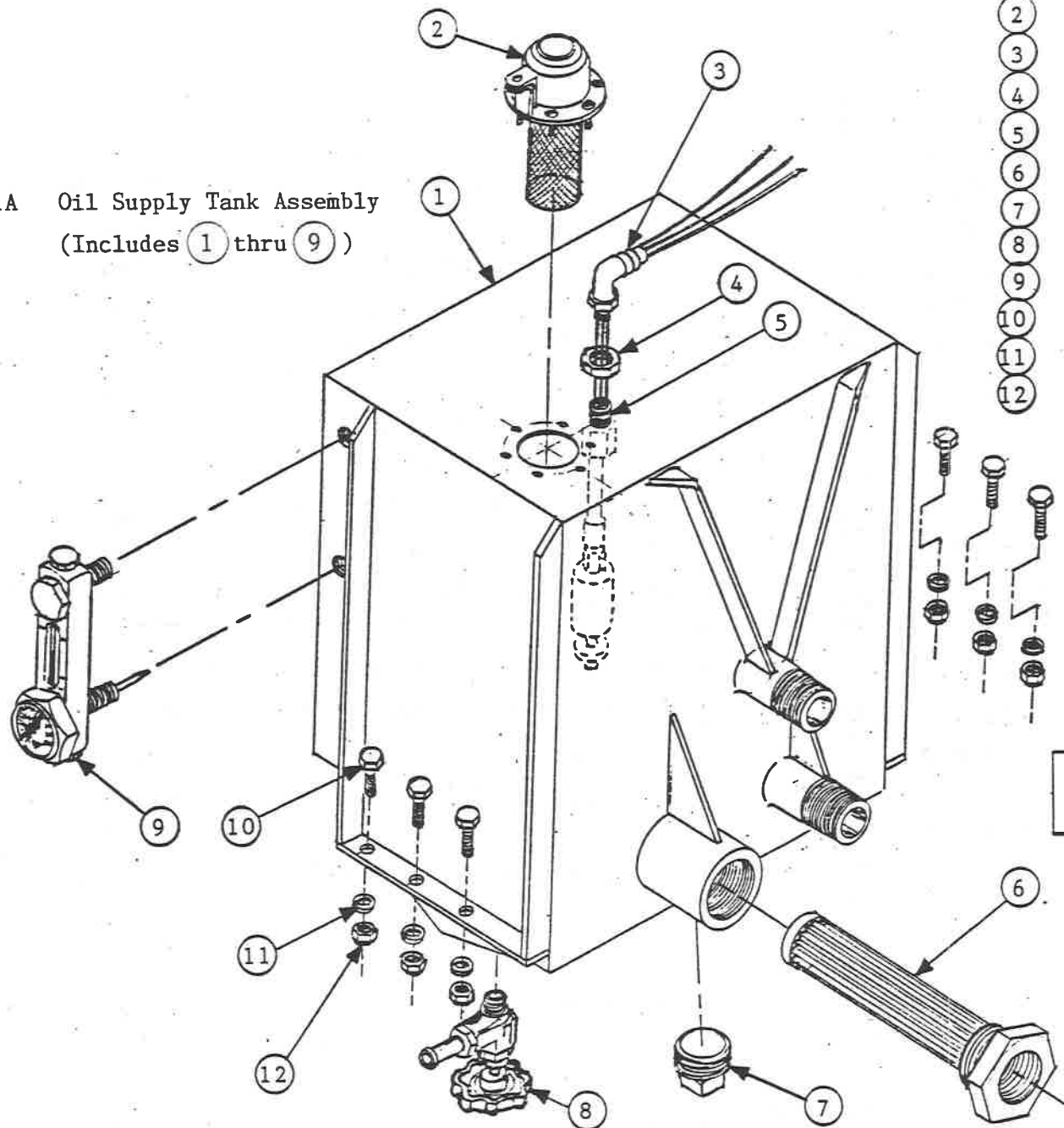


HOPPER COMPONENTS
AND
ROLLOVER MECHANISM

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)



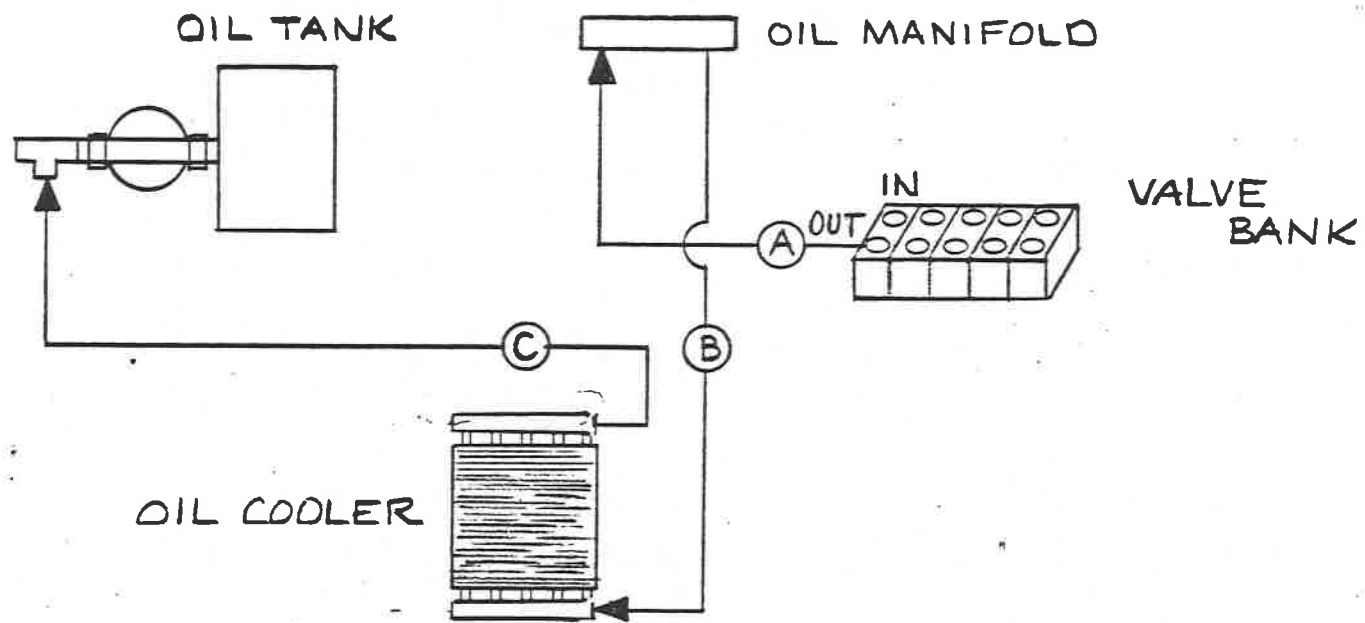
1	001721W	Oil Supply Tank
2	000174P	Filter/Breather
3	000683P	Plastic Elbow
4	000788P	Nut, Jam 3/4-16NF
5	001784A	Sending Unit Assembly
6	000184P	Strainer
7	000059P	Magnetic Drain Plug
8	000109P	Valve-Oil Tank Drain
9	000176P	Gauge-Oil Sight
10	000947P	Bolt, 3/8-16NC X 1 1/2 (6)
11	000955P	Lock Washer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

OIL TANK

Cherrington

HYDRAULIC SYSTEM

Please call your Cherrington Beachcleaner
dealer or the factory for assistance.



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 COILS ON 112265 PER 083

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 —
 HYD. DIAGRAM

001432

REV.
 A

SCALE: _____
 DATE: 5-21-90

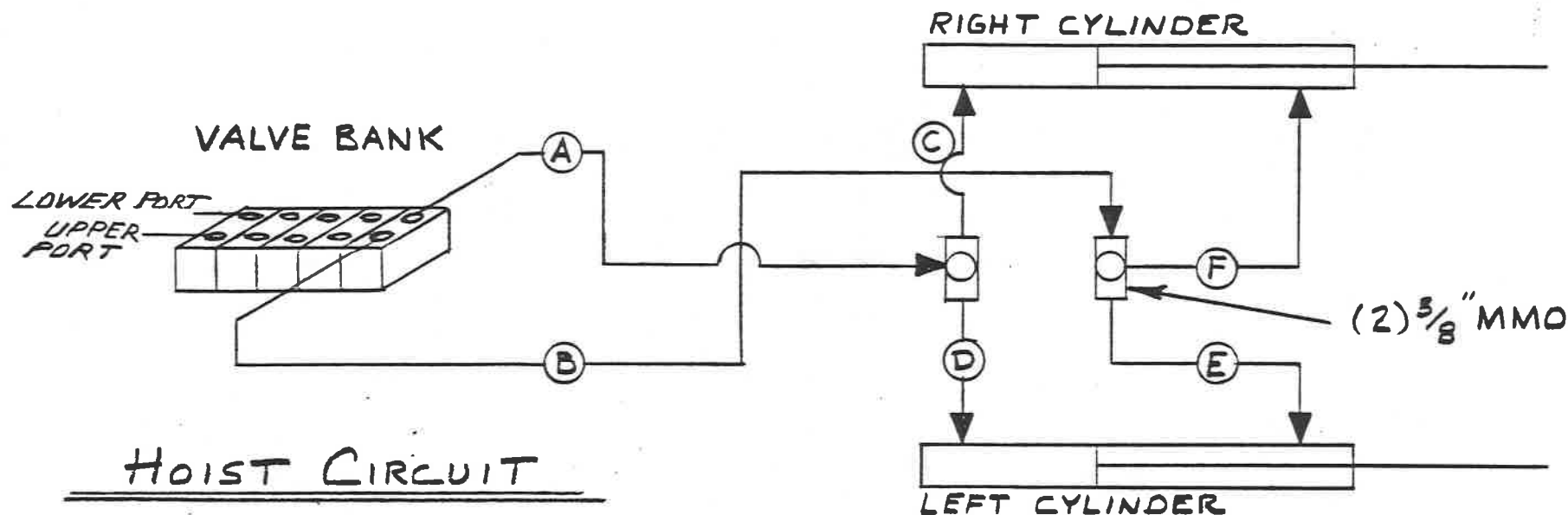
APPROVED BY: _____

DRAWN BY BC
 REVISED 7-1-91 BJC

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 MIN
 FINISH _____

-DIAGRAM #23-

001432

HYD. DIAGRAM

SCALE:

APPROVED BY:

DRAWN BY

BC

DATE:

5-21-90

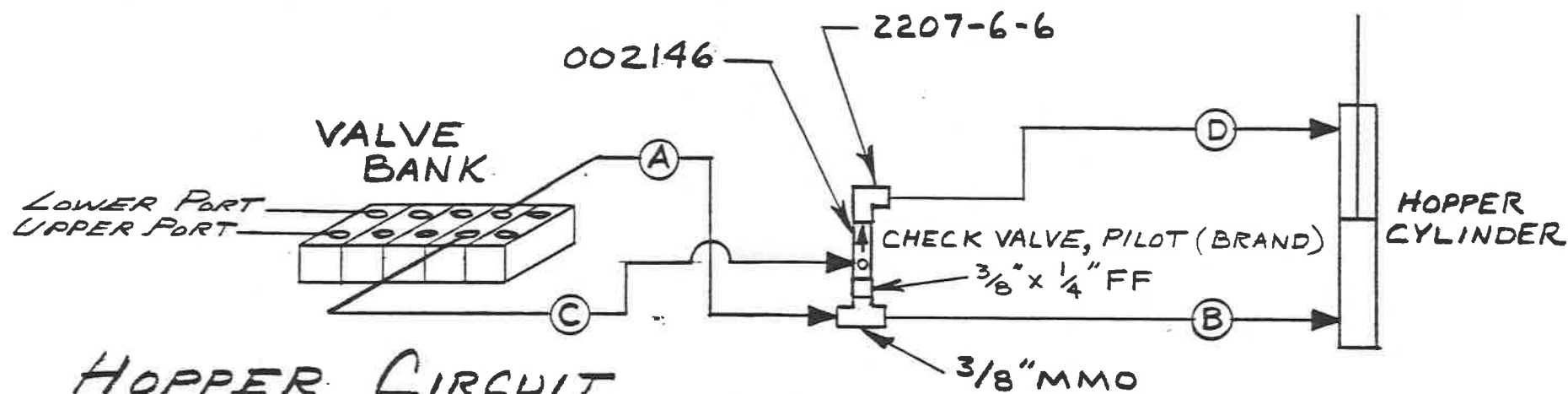
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

2 OF 9



HOPPER CIRCUIT

- (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

001432

SCALE: 
 DATE: 5-21-90

APPROVED BY:

DRAWN BY

RC

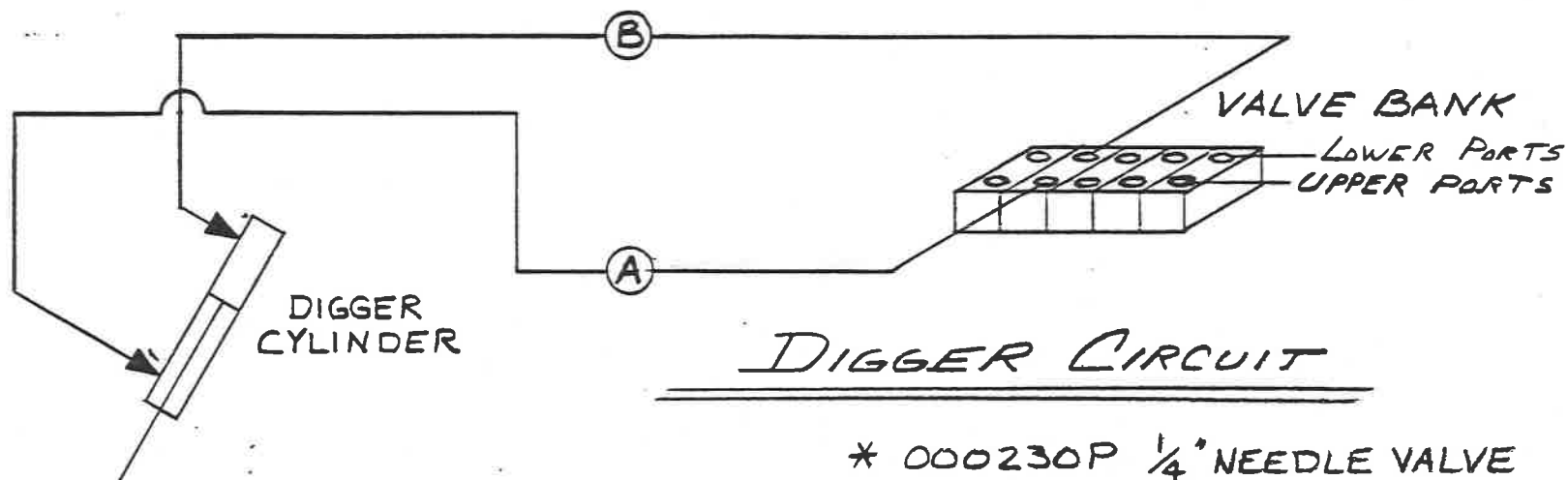
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

3 OF 9



- Ⓐ 0507-8-6, H1060P, 2107-8-6
- Ⓑ 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 - 001432
 HYD DIAGRAM

SCALE: _____
 DATE: 5-21-90

APPROVED BY: _____

DRAWN BY: BC

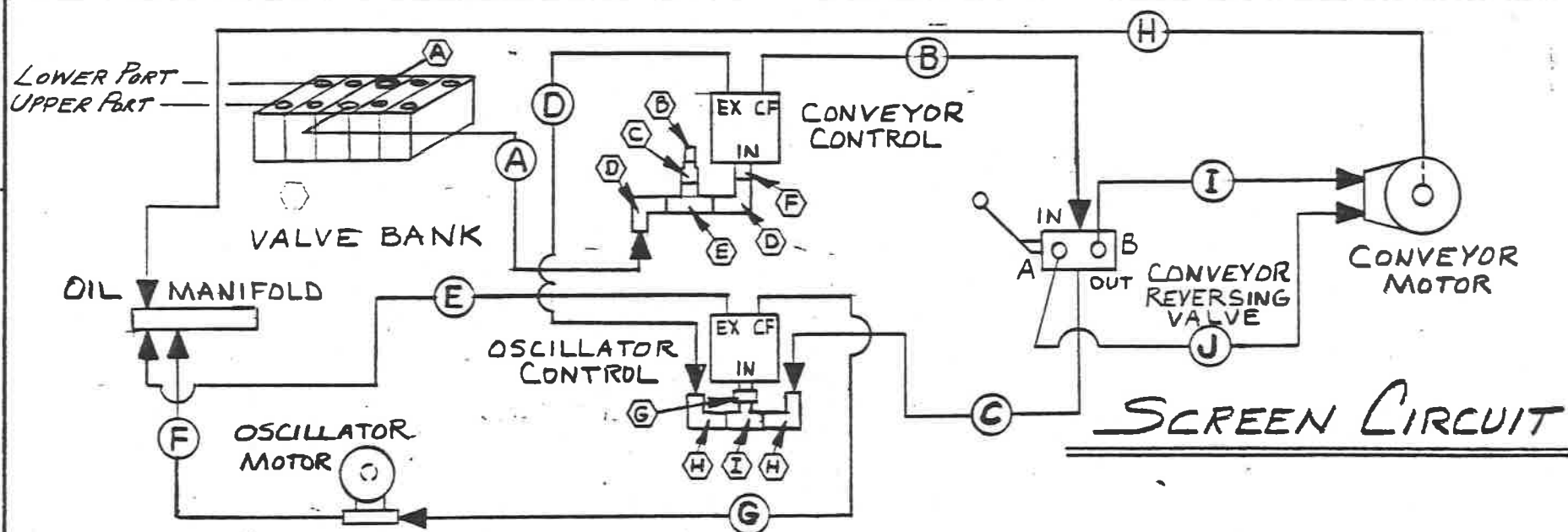
REVISED _____

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-
HYD. DIAGRAM

001432

SCALE:
DATE: 5-21-90

APPROVED BY:

DRAWN BY

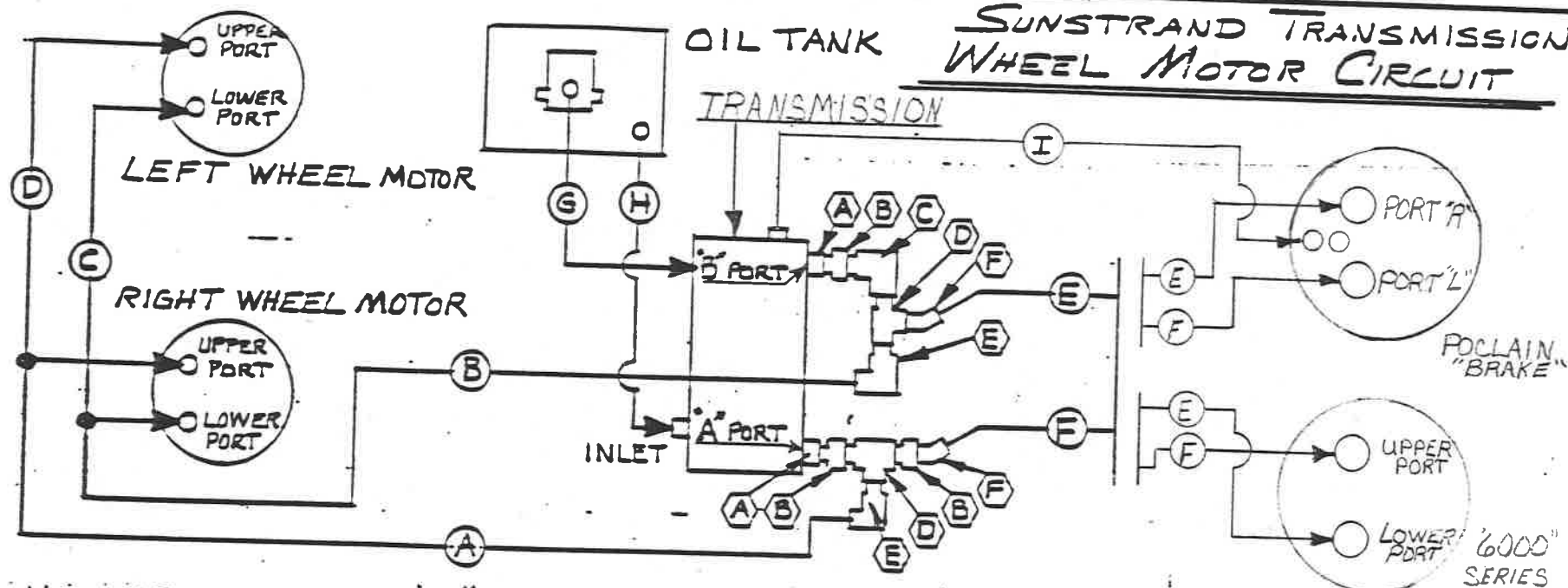
REVISED

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

5 OF 9



- (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) H1034P, 2107-8-8, 0107-12-8, 16-3/4" F50G
 (D) H1035P, 2107-8-8, 0107-12-8, 16-3/4" F50G
 (E) W/6000: H1065P, 2107-12-8, 16-3/4" F50G
 (F) W/POCLAIN: H1065P, 3107-12-8, 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) POCLAIN ONLY: 2507-6-4, H1043P,
 3107-4-4, 1/4 x 1/4 F4GH-S

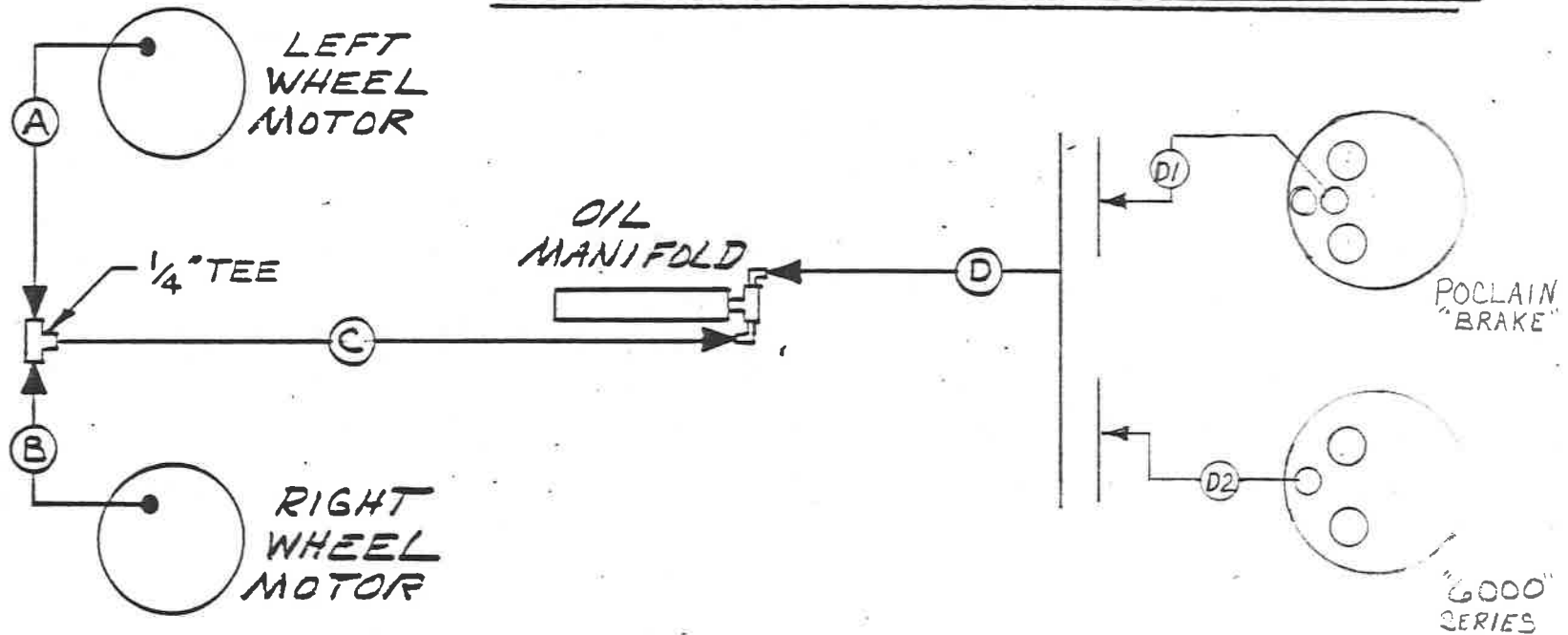
- (A) 16-3/4 F50G
 (B) 0107-12-12
 (C) 2107-12-12
 (D) 3/4" MRO
 (E) 2107-12-8
 (F) 3107-12-8

- DIAGRAM # 27I -
 HYD. DIAGRAM

001432

SCALE		
DATE: 5-18-90	DRAWN BY B.C.	
CHERRINGTON CORPORATION		
FAIRFAX, MINNESOTA 55332	DRAWING NUMBER 6 OF 9	

WHEEL MOTOR CASE DRAINS



- A 3507-4-4, H1100P, 0107-4-4
- B 0507-4-4, H1099P, 0107-4-4
- C 2107-4-4, H1083P, 2107-6-4, 3/8" MMO, 1/2 x 3/8 EF
- D D1 OR D2 H1043P, 3107-4-4, 3/8 x 1/4 PTR
- D1 3/8 x 3/8 F4GH-S, 0107-6-4, 3107-4-4
- D2 3507-4-4

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 # 28J -
 HYD. DIAGRAM

001432

SCALE

DATE 5-18-90

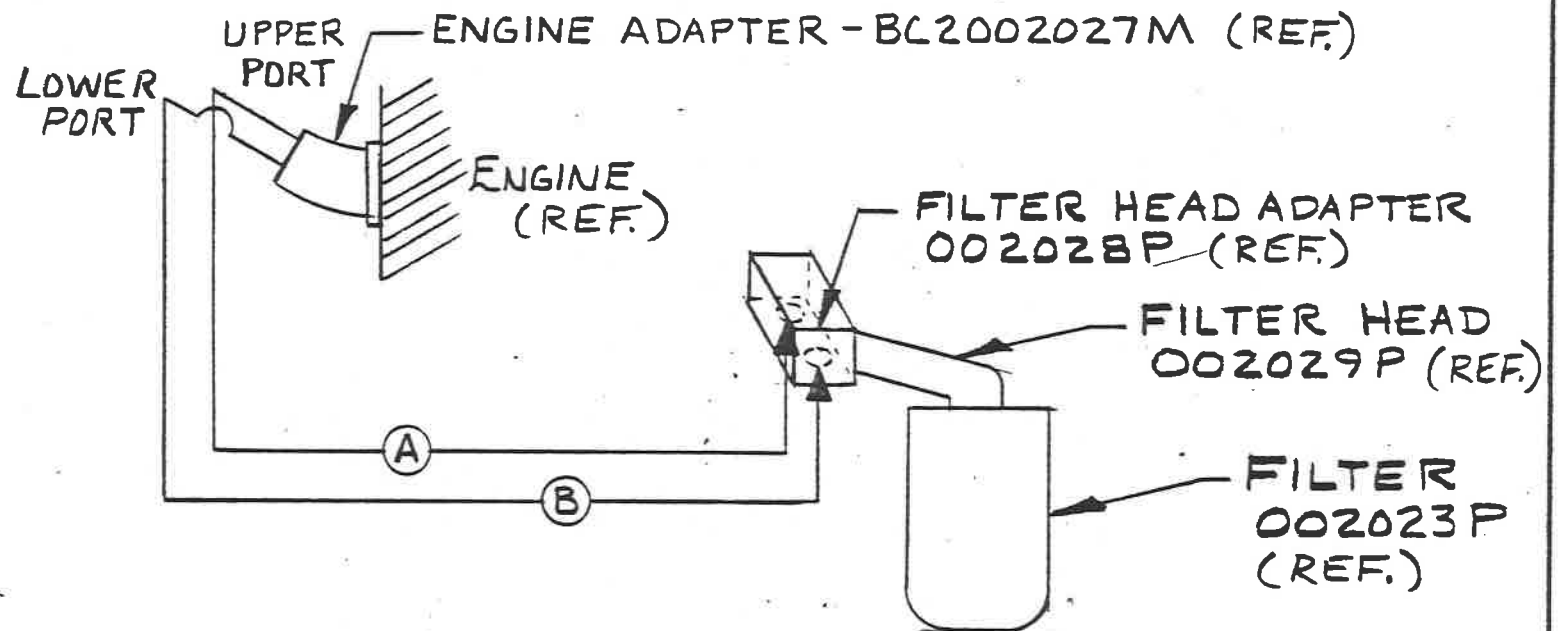
DRAWN BY B.C.

CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

7 OF 9



Ⓐ 2107-8-8, 2107-8-8, H1085P, 3107-8-8

Ⓑ 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 -
 HYD. DIAGRAM

00/432

SCALE _____
 DATE 5-21-90

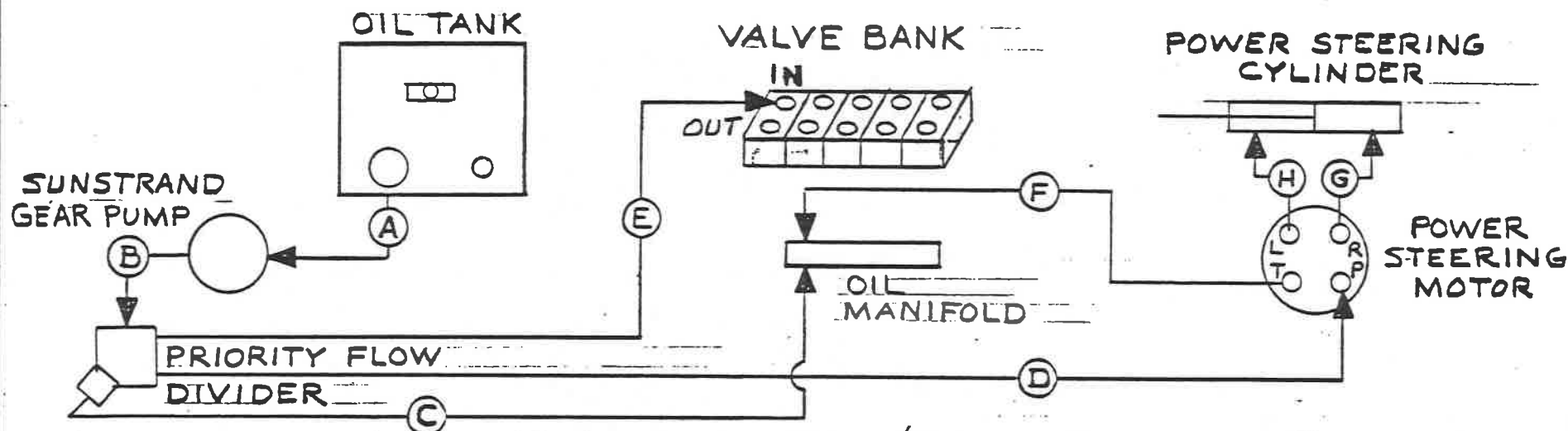
APPROVED BY:

DRAWN BY BC
 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 (-) .08
 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—

001432

HYD. DIAGRAM

SCALE: _____

APPROVED BY: _____

DRAWN BY

BC

DATE: 5-21-90

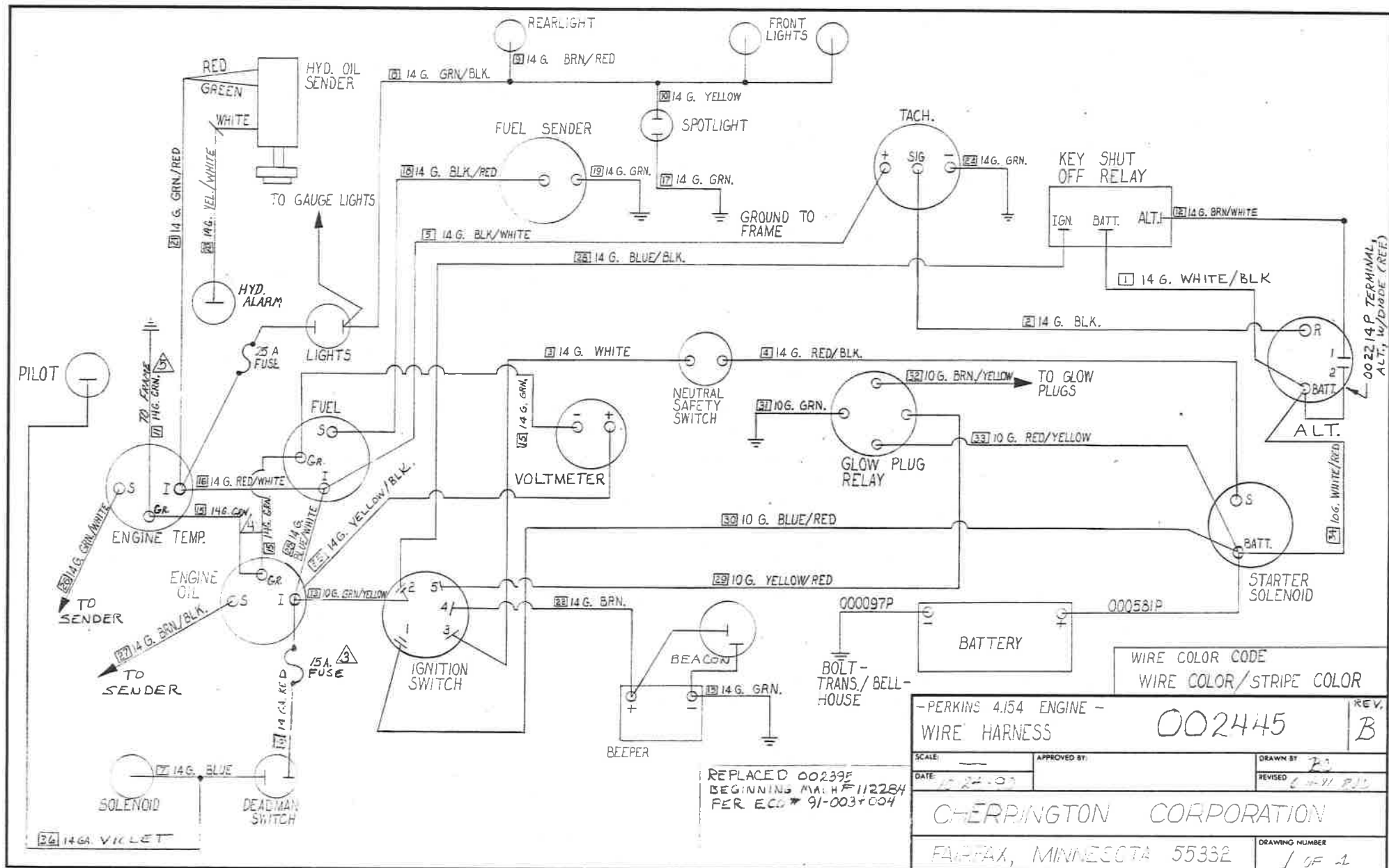
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CHERRINGTON CORPORATION

FAIRFAX, MINNESOTA 55332

DRAWING NUMBER

9 OF 9

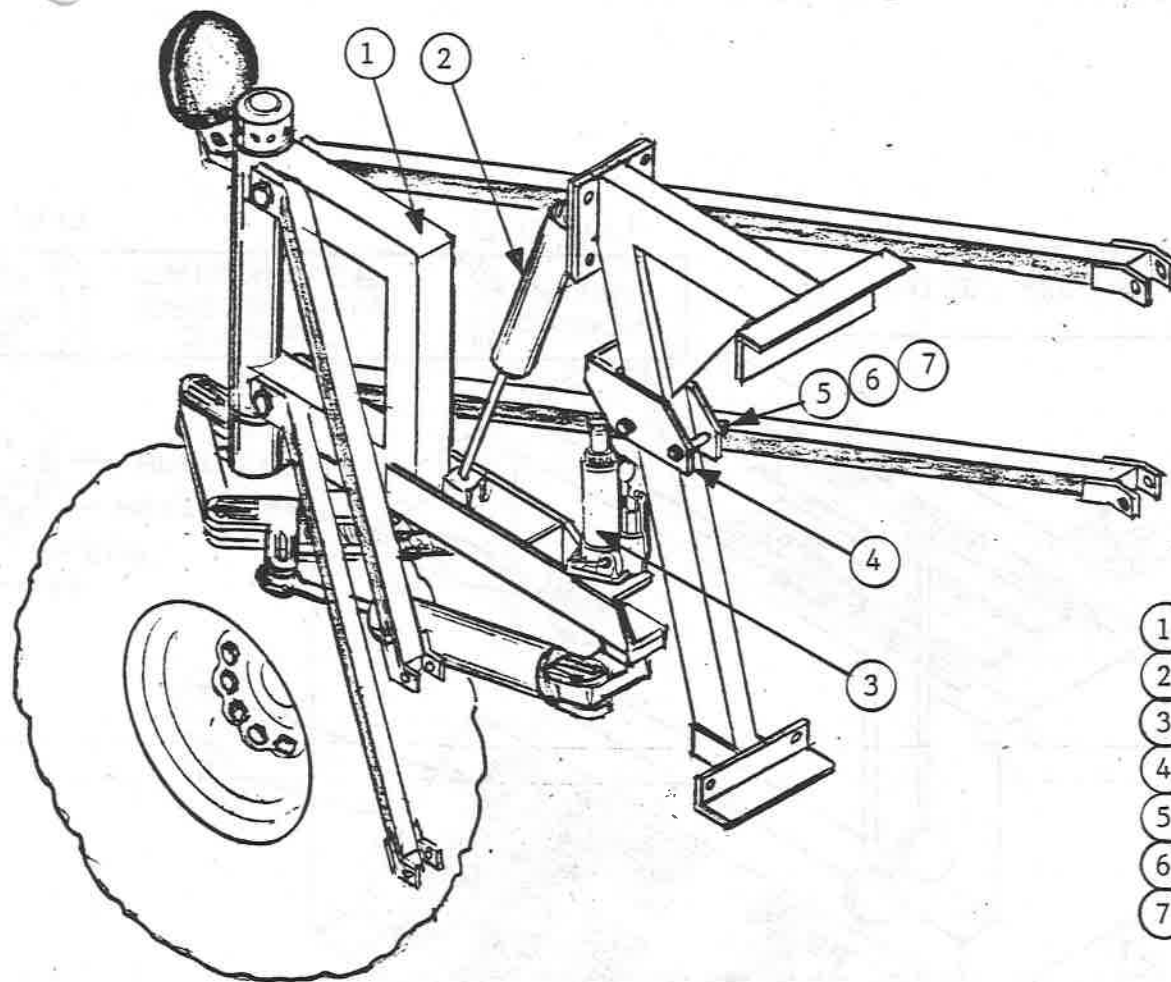


LEGEND OF BC WIRES

.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



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.

LIGHTS
AGC 15 AMP

FUEL SHUT OFF
SOLENOID
MDL 15 AMP

BLUE
LIGHT

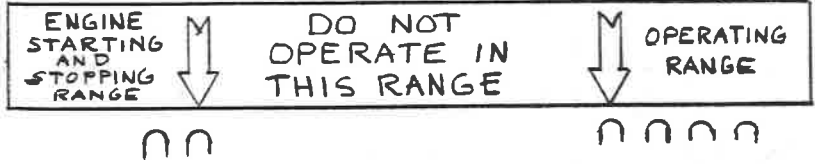
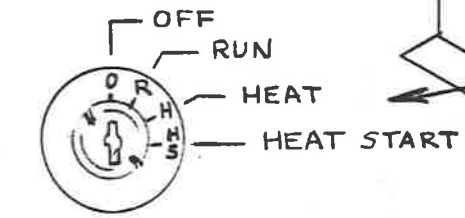
Check hydraulic oil
tank for high
temperature or low
fluid level.

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

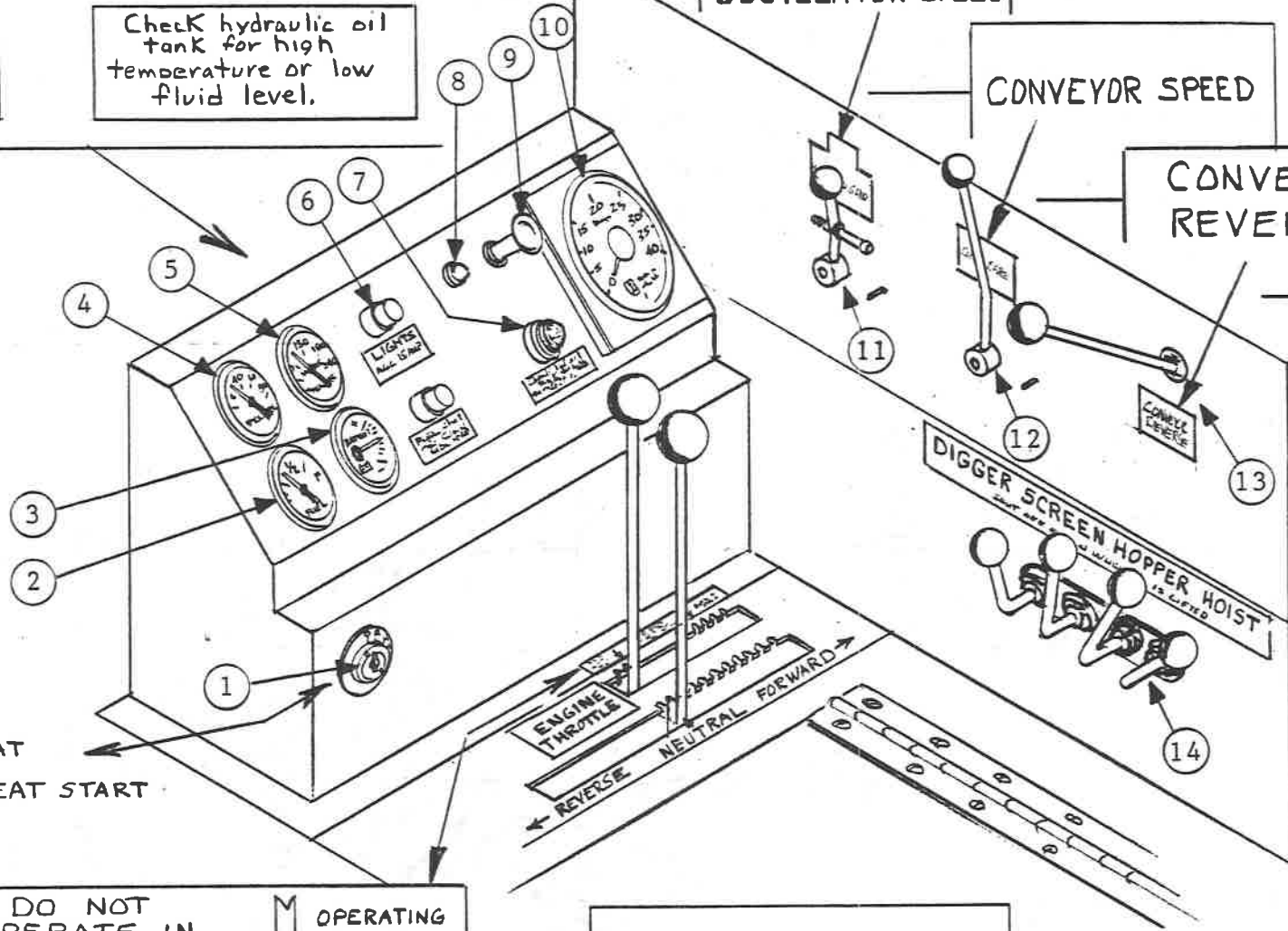
OSCILLATOR SPEED

CONVEYOR SPEED

CONVEYOR
REVERSE



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