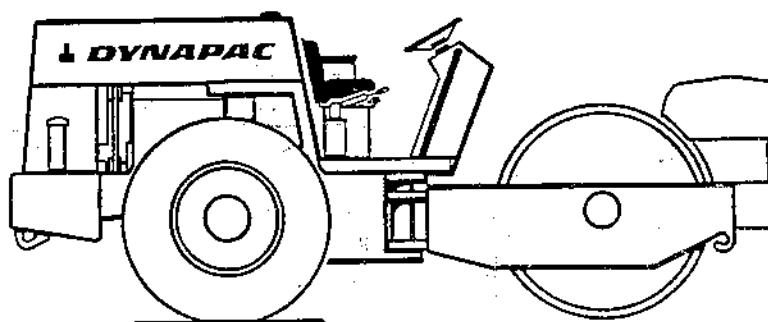


ILLUSTRATED PARTS MANUAL



Order No. 829013

INTRODUCTION

1. This manual provides information for identifying and ordering all replaceable parts and assemblies for the DYNAPAC Model CA-15A Self-Propelled Vibratory Compactor, manufactured by Dynapac Mfg Inc, Kelly Place, Stanhope, New Jersey 07874, U.S.A.
2. Using the Parts List.

The table of contents at the front of this manual lists the major assemblies and systems.

The Index Number column in the parts list contains reference numbers which correspond to those shown on the exploded views.

Parts which are indented in the Description column are part of the preceding assembly or subassembly.

The Quantity column indicates the quantity of each part required on a machine except when the parts are indented, in which case the quantity shown is the number required for the preceding assembly or subassembly.

EXAMPLE:

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
—	335567	Valve, Steering Assembly	1
1	814146	Seal, 1 1/4" OD x 1" ID	1
2	911582	Ring, Retaining	1

3. Terms and Abbreviations Used

- A. Right hand and left hand (R.H., L.H.) sides of the compactor are identified as viewed when sitting in the operator's seat with the engine behind and facing in the direction of forward travel. See illustration.
- B. Bolts and screws, etc, which are hex head and/or heat treated are indicated as HH and HT respectively.
- C. NSS identifies parts which are "not sold separately".
- D. A/R identifies parts to be ordered in quantities "as required".

4. Ordering Parts

All orders to your DYNAPAC Dealer for parts should include the model and serial numbers of the compactor, the complete description, correct part number, quantity required, method of shipment and shipping address. When ordering parts for complete vendor units or subassemblies, please include all data appearing on the identification plate.

ILLUSTRATION:

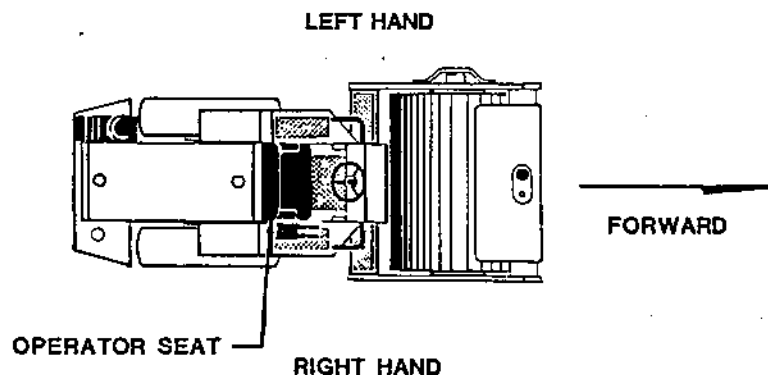


TABLE OF CONTENTS
(CA-15A)

	DESCRIPTION	PAGE
A	Air Cleaner Assembly	Detroit 13 John Deere 14
	Axle Assembly	88-97F
	Axle & Motor Assembly	33-33B
C	Cab Assembly	103
	Console Assembly	19
	Control Assembly, Forward/ Reverse	22-25
	Control Valve, Vibration	59
D	Decal Kit	69
	Drum Assembly	34- 35
E	Electrical Assembly	Detroit 61-61D John Deere 63-63D
	Engine & Pump Assembly	Detroit 15 John Deere 17
G	General Assembly	2
H	Heater & Defroster	101
	Horn Assembly	67
	Hydraulic Diagram	47-47A
	Hydraulic Oil Filter Assembly	56,108
	Hydraulic Systems	Steering 51 Traction 49-49B Vibration 52-55
	Hydraulic Brake System(S/N 2080 & Up)	55A-55B
L	Lights, Front & Rear	99
	Linkage Assembly, Control, (John Deere)	66
	Linkage Assembly, Hand Brake & Transmission	65
M	Manifold Valve Assembly	76
N	Noise Reduction Kit	Detroit 85 John Deere 87
P	Power Train Assembly	Detroit 3-6 John Deere 7-10
	Pump Drive Assembly	77

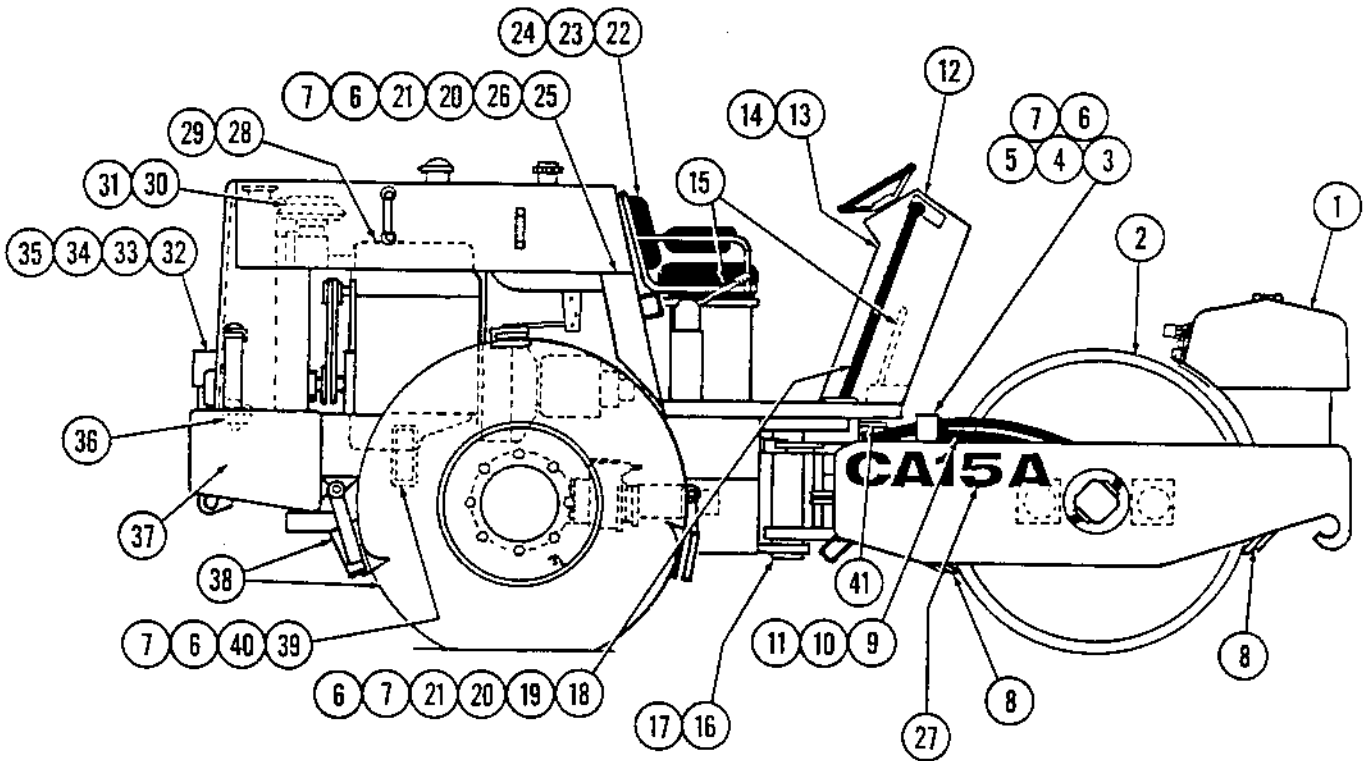
TABLE OF CONTENTS
(CA-15A)

	DESCRIPTION	PAGE
Q	Quikstop Valve	57
R	R.O.P.S. (Roll Over Protection Structure)	104
S	Safety Lock Assembly	38
	Scraper Assembly, Drum	40
	Steering Cylinder	83
	Steering Hitch Assembly	37
	Steering Valve Assembly	107
T	Tire & Scraper Assembly	27
	Traction Motor, (Drive Axle)	75-75D
	Traction Pump	70-73D
	Charge Pump Assy., (Valid, both Pumps)	73E-73F
	Control Valve Assy., (S/N 2080 & Up)	73G-73H
	Tractor Frame & Drum Module	28-31
U	Umbrella	105
	Universal Joint	12
V	Vibration Motor	81
	Vibration & Steering Pump	79
	Vibration Valve Pilot Circuit	58
W	Water Tank Assy., Front (S/N 2008 & Up)	46B
	Water Tank Assembly, Front (To S/N 2007)	46
	Water Spray System, Front	41-42B
	Water Spray System, Rear	44
	Water Pump Assy., (S/N 2008 & Up)	46D
	NUMERICAL INDEX	108 to 113

GENERAL ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	See pg. 42,46	Front Water Tank and Spray System	1
2	See pg. 34	Drum Assembly.....	1
3	335632	Plate, Hold Down.....	1
4	825911	Block, Rubber.....	1
5	502045	Capscrew, HH.....	2
6	604028	Lockwasher.....	25
7	571003	Hex Nut.....	17
8	See pg. 40	Scraper Assembly.....	2
9	See pg. 49	Traction System.....	1
10	See pg. 55	Vibration System.....	1
11	See pg. 51	Steering System.....	1
12	See pg. 19	Console Assembly.....	1
13	See pg. 61	Electrical Assembly, Detroit Engine.....	1
14	See pg. 63	Electrical Assy., John Deere Engine.....	1
15	See pg. 65	Hand Brake & Transmission Linkage Assy... 1	
16	See pg. 37	Steering Hitch Assembly.....	1
17	See pg. 38	Safety Lock Assembly.....	1
18	815302	Hand Rail, R.H.....	1
19	815301	Hand Rail, L.H.....	1
20	502036	Capscrew, HH.....	22
21	600007	Washer, Flat.....	22
22	465036	Seat.....	1
23	604027	Lockwasher.....	4
24	571002	Hex Nut.....	4
25	815811	Fender & Platform, R.H.....	1
26	815812	Fender & Platform, L.H.....	1
27	See pg. 69	Decal Assembly.....	1
28	See pg. 3-6	Power Train Assembly, Detroit Engine.....	1
29	See pg. 7-10	Power Train Assembly, John Deere Engine.. 1	
30	See pg. 13	Air Cleaner Assembly, Detroit Engine.....	1
31	See pg. 14	Air Cleaner Assembly, John Deere Engine.. 1	
32	825690	Tool Box.....	1
33	502004	Capscrew, HH.....	4
34	604026	Lockwasher.....	4
35	571001	Hex Nut.....	4
36	See pg. 67	Horn Assembly.....	1
37	See pg. 28-31	Tractor Frame & Drum Module.....	1
38	See pg. 27	Tire & Scraper Assembly.....	2
39	815070	Clamp, Hose.....	1
40	502043	Capscrew, HH.....	1
41	815832	Plate, Step, (Mounted to Ouikstop Valve). 1	

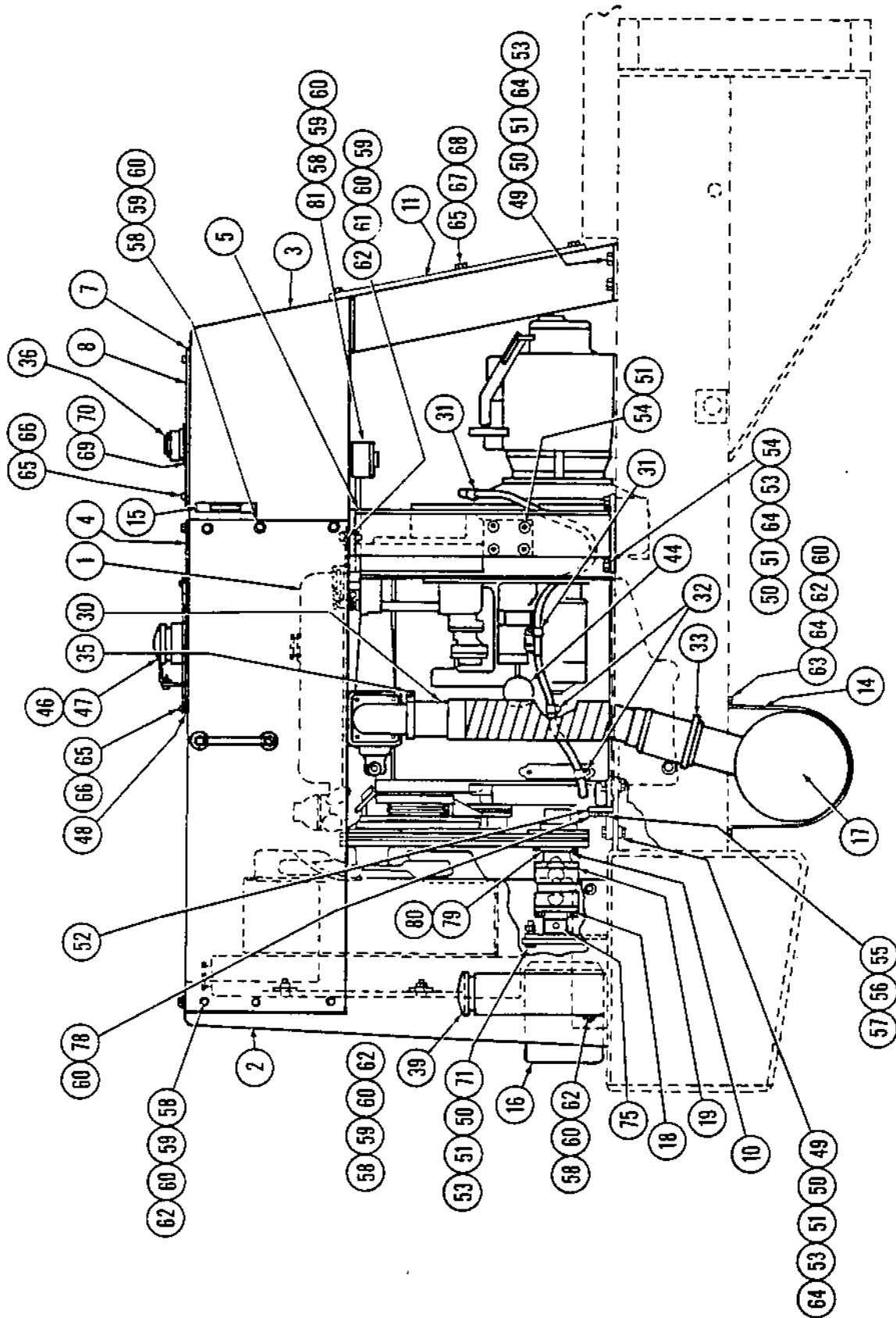
GENERAL ASSEMBLY



POWER TRAIN ASSEMBLY
(DETROIT DIESEL)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	See Pg. 15	Engine & Pump Assembly.....	1
2	815037	Radiator Guard.....	1
3	815038	Reservoir.....	1
4	815156	Engine Hood & Tank.....	1
5	815043	Engine Support, RH.....	1
6	815044	Engine Support, LH.....	1
7	815045	Gasket, Reservoir Cover.....	1
8	815046	Reservoir Cover.....	1
9	815507	Air Cleaner Tube.....	1
10	815048	Flange Fitting Yoke.....	1
11	815051	Reservoir End Plate.....	1
12	815052	Fuel Line Supply.....	1
13	815053	Fuel Line Return.....	1
14	815069	Muffler Strap.....	2
15	813377	Oil Level Gauge.....	1
16	801699	Hydraulic Pump (From S/N 1090).....	1
17	801058	Muffler.....	1
18	See Pg 12	Straight Fitting Yoke.....	1
19	See Pg 12	Universal Joint.....	1
20	See Pg 13	Air Cleaner.....	1
21	813792	Inlet Hood.....	1
22	813791	Mounting Band.....	2
--	815859	Radiator Assembly.....	1
23	815858	Oil Cooler (Replaces 801165).....	1
24	801164	Radiator.....	1
25	815631	Shroud.....	1
26	801179	Hump Hose.....	1
27	499227	Hose, 2" ID or 5.08 cm.	1
28	499228	Hose, 1 1/2" ID or 3.81 cm.	1
29	813311	Hose Clamp.....	4
30	815085	Exhaust Pipe.....	1
31	921104	Support Clamp.....	4
32	921103	Support Clamp.....	2
33	921097	U-Clamp.....	1
34	815597	Pipe, Fuel.....	2
35	921098	V Band Clamp.....	1
36	499432	Filler Cap Assembly, Hydraulic Oil.....	1
37	813320	Elbow, 90°.....	2
38	921121	Hose Clamp.....	2
39	80153305	Cap, Fuel Tank.....	1
40	331087	Elbow, 90°.....	1

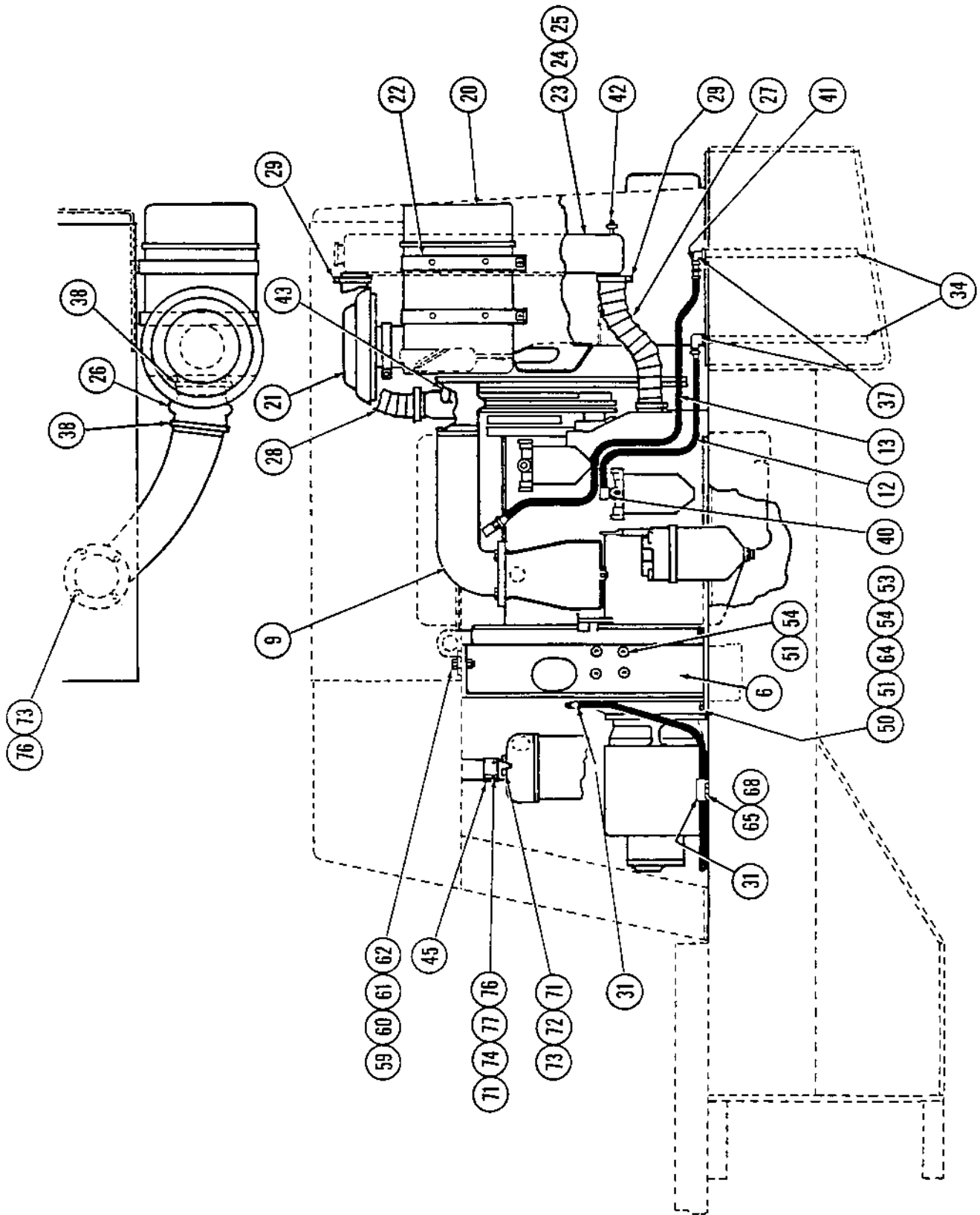
POWER TRAIN ASSEMBLY
(DETROIT DIESEL)



POWER TRAIN ASSEMBLY
(DETROIT DIESEL)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
41	234276	Male Connector.....	1
42	813306	Drain Cock.....	1
43	989078	Temp. Sender.....	1
44	813462	Pressure Switch.....	1
45	825265	Bracket, Filter.....	1
46	815157	Cover & Cap Assembly.....	1
47	80153305	Cap.....	1
48	815161	Gasket.....	1
49	502061	Capscrew, HH.....	8
50	571005	Hex Nut.....	16
51	604030	Lockwasher.....	24
52	815962	Bracket, Rear Engine	1
53	600010	washer, Flat.....	16
54	502062	Bolt, HH.....	12
55	502054	Bolt, HH.....	2
56	600069	Washer, Flat.....	2
57	604029	Lockwasher.....	2
58	502035	Bolt, HH.....	29
59	600007	Washer, Flat.....	31
60	604028	Lockwasher.....	33
61	502036	Bolt, HH.....	2
62	571003	Hex Nut.....	24
63	502037	Bolt, HH.....	4
64	605007	Bevel Washer.....	12
65	502004	Bolt, HH.....	22
66	80127202	Washer, Sealing.....	26
67	571001	Hex Nut.....	6
68	604026	Lockwasher.....	10
69	229001	Bolt, HH.....	6
70	604019	Lockwasher.....	6
71	502060	Bolt, HH.....	4
72	502016	Bolt, HH.....	2
73	604027	Lockwasher.....	4
74	600006	Washer, Flat.....	4
75	517033	Set Screw, Soc. Hd.....	1
76	502018	Bolt, HH.....	6
77	571002	Hex Nut.....	2
78	502130	Capscrew, HH.....	2
79	502033	Capscrew, HH.....	4
80	813484	Hi-Collar Lockwasher.....	4
81	815932	Bracket, Throttle.....	1

POWER TRAIN ASSEMBLY
(DETROIT DIESEL)



POWER TRAIN ASSEMBLY
(JOHN DEERE)

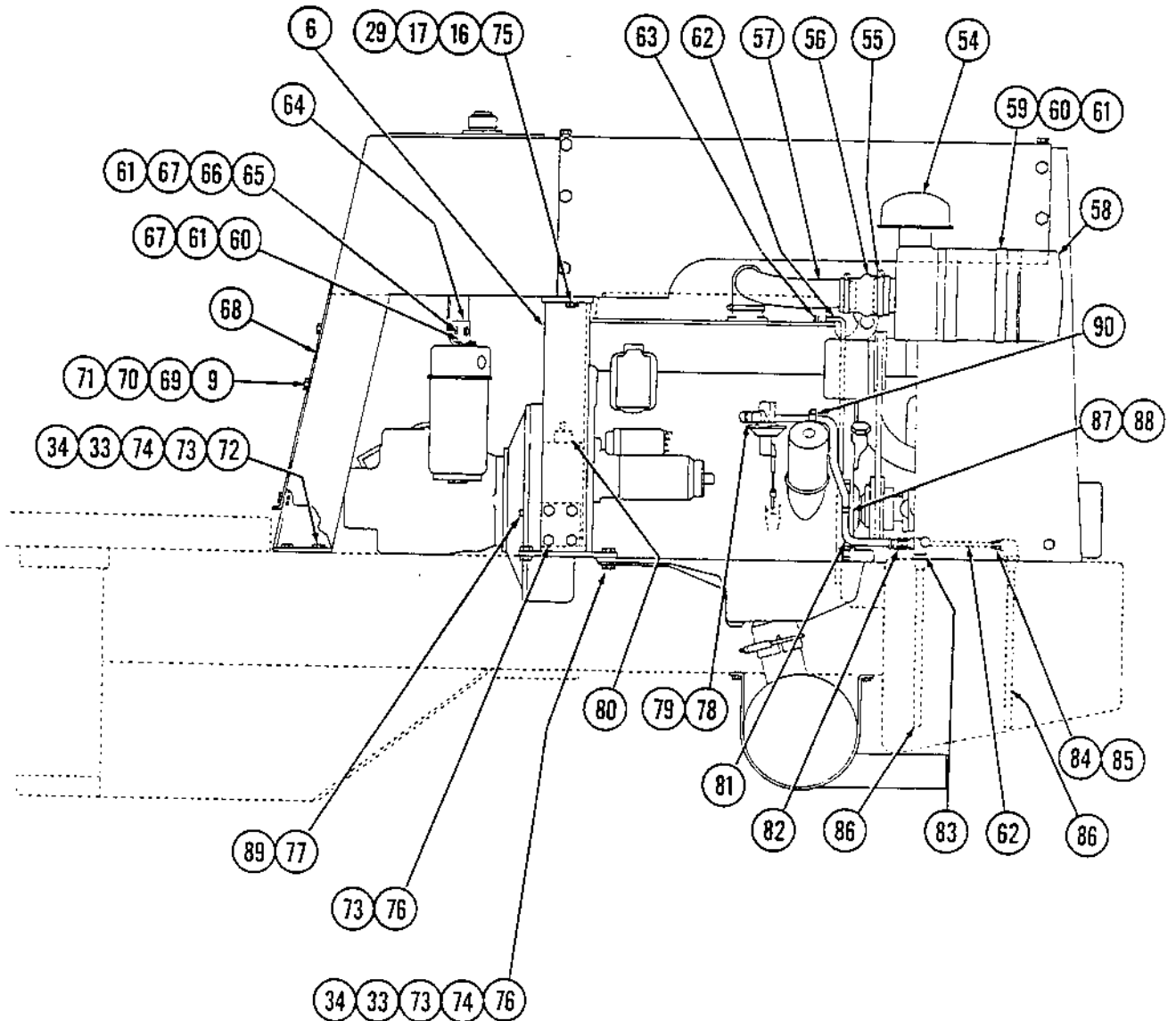
INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	See pg. 17	Engine & Pump Assembly.....	1
2	815453	Guard, Radiator.....	1
3	815038	Reservoir.....	1
4	815156	Engine Hood & Tank.....	1
5	815439	Engine Support, R.H.....	1
6	815440	Engine Support, L.H.....	1
7	815045	Gasket, Reservoir Cover.....	1
8	815046	Cover, Reservoir.....	1
9	502004	Capscrew, HH.....	32
10	80127202	Washer, Sealing.....	26
11	499432	Filler Cap Assembly, Hydraulic Oil.....	1
12	550018	Capscrew, HH.....	6
13	604019	Lockwasher.....	6
14	813377	Gauge, Hydraulic Oil Level.....	1
15	502035	Capscrew, HH.....	27
16	604028	Lockwasher.....	35
17	600007	Washer, Flat.....	29
18	801622	Sender, Temperature.....	1
19	815157	Assembly, Cover & Cap.....	1
20	80153305	Cap.....	1
21	815161	Gasket, Cover.....	1
22	745015	Hose, Lower Radiator.....	1
23	313076	Clamp, Hose.....	4
24	499228	Hose, Upper Radiator.....	1
--	815441	Radiator Assembly.....	1
25	815858	Cooler, Oil (Replaces 801165).....	1
26	801149	Radiator.....	1
27	815444	Shroud.....	1
28	891440	Cap, Radiator.....	1
29	571003	Hex Nut.....	26
30	813306	Cock, Drain.....	1
31	80153305	Cap, Fuel Tank.....	1
32	502060	Capscrew, HH.....	4
33	600010	Washer, Flat.....	16
34	571005	Hex Nut.....	12
35	801699	Pump, Hydraulic.....	1
36	See pg 12	Yoke, Straight Fitting.....	1
37	See pg 12	Joint, Universal.....	1
38	517033	Set Screw, Soc. Hd.....	1
39	815048	Yoke, Flange Fitting.....	1
40	509010	Capscrew, Soc. Hd.....	4
41	813484	Lockwasher, Hi Collar.....	4
42	502077	Capscrew, HH.....	4
43	604032	Lockwasher.....	4
44	502037	Capscrew, HH.....	4
45	605006	Washer, Bevel.....	4
46	801058	Muffler.....	1
47	815069	Strap, Muffler.....	2
48	921097	U-Clamp.....	1
49	815249	Pipe, Flexible Exhaust.....	1
50	921136	U-Clamp.....	1

This diagram shows an exploded perspective view of a mechanical assembly. The components are identified by numbered callouts in circles. The assembly includes a main housing (3), a central shaft assembly (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53), and a base (71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100). The exploded view shows the relative positions and assembly sequence of the components.

POWER TRAIN ASSEMBLY
(JOHN DEERE)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
51	815456	Pipe, 45° Exhaust.....	1
52	801470	Gasket, Exhaust Pipe.....	1
53	502038	Capscrew, HH.....	2
54	499317	Hood, Inlet.....	1
55	801469	Clamp, Air Inlet Hose.....	4
56	801468	Hose, Hump Reducer.....	1
57	815545	Adapter, Air Inlet.....	1
58	499134	Assembly, Air Cleaner (See pg 14).....	1
59	499133	Mounting Band, Air Cleaner.....	2
60	502016	Capscrew, HH.....	6
61	600006	Washer, Flat.....	8
62	244043	Tube, Clear, 41" Long or 104 cm.....	1
63	821477	Tube, Fuel.....	1
64	825265	Bracket, Hydraulic Oil Filter.....	1
65	502018	Capscrew, HH.....	2
66	571002	Hex Nut.....	2
67	604027	Lockwasher.....	4
68	815051	Plate, Reservoir End.....	1
69	605005	Washer, Bevel.....	6
70	600005	Washer, Flat.....	6
71	571001	Hex Nut.....	24
72	502061	Capscrew, HH.....	8
73	604030	Lockwasher.....	24
74	605007	Washer, Bevel.....	12
75	502036	Capscrew, HH.....	2
76	502062	Capscrew, HH.....	12
77	921103	Clamp, Wire Harness.....	1
78	813323	Elbow, 90°.....	2
79	234276	Connector, Male.....	1
80	813462	Switch, Oil Pressure.....	1
81	815052	Hose Assembly, Fuel to Engine.....	1
82	234276	Connector, Male.....	1
83	813320	Elbow, 90°.....	2
84	801472	Connector, Male.....	1
85	334447	Bushing.....	1
86	815597	Pipe, Fuel Pick-Up & Return.....	2
87	921129	Clamp, Duplex.....	1
88	502002	Capscrew, HH.....	2
89	921137	Clamp.....	1
90	813716	Clamp.....	1
91	815951	Mount, Right Rear Engine.....	1
92	815950	Mount, Left Rear Engine.....	1

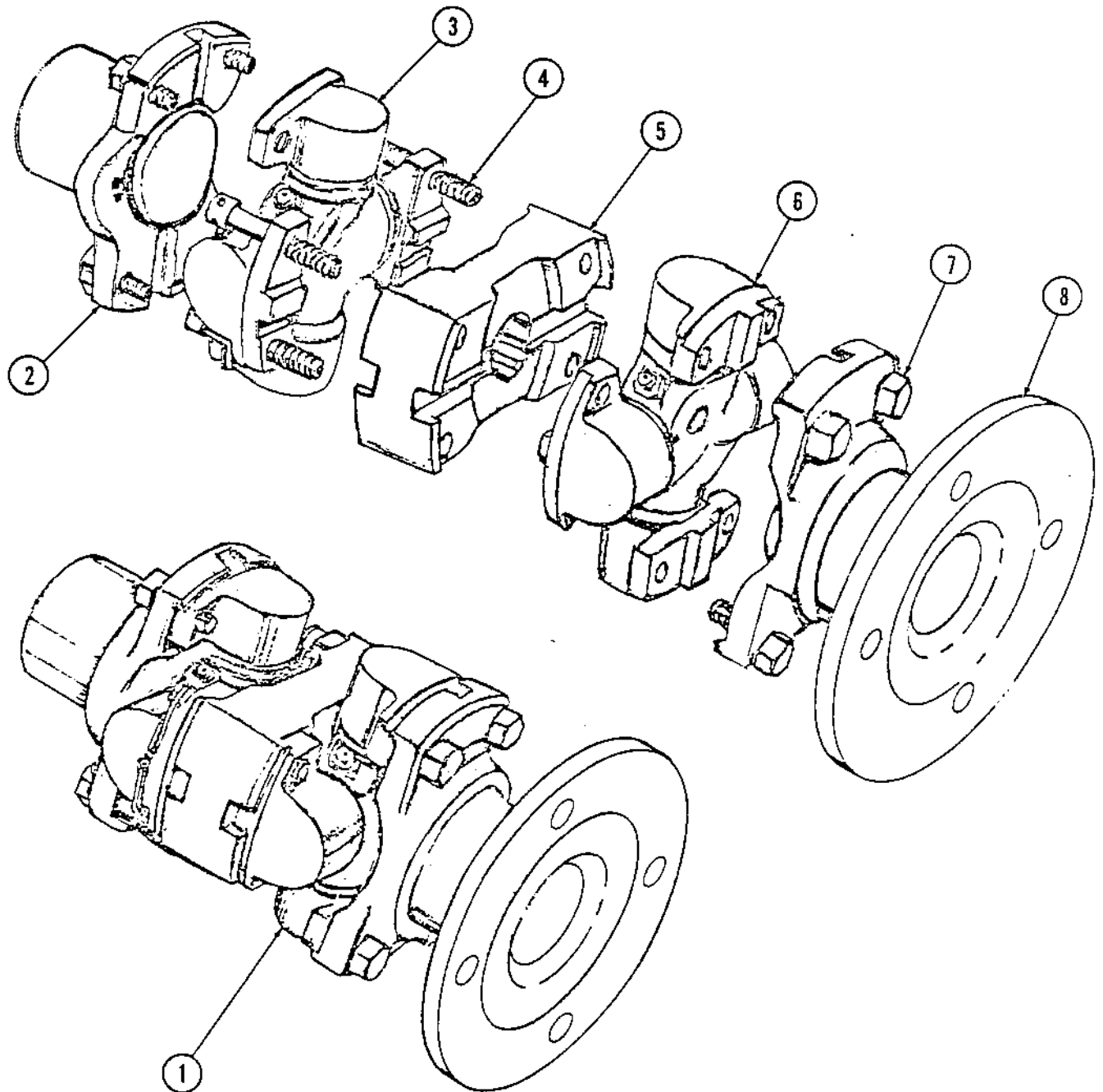
POWER TRAIN ASSEMBLY
(JOHN DEERE)



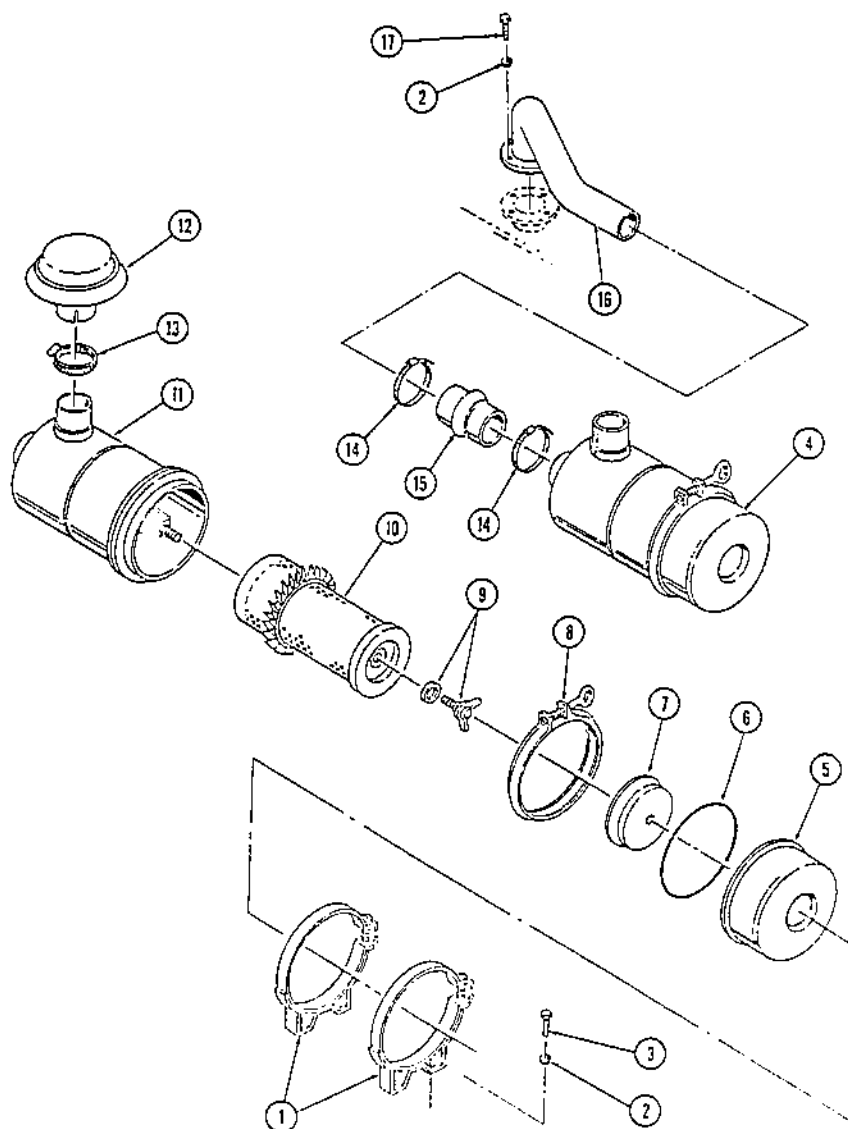
UNIVERSAL JOINT
ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	416068	Universal Joint Assembly.....	1
2	815461	Fitting Yoke, Pump End Splined Shaft.....	1
3	416071	Spider and Bearing Assembly.....	1
4	920958	Capscrew.....	4
5	416073	Plate, Center.....	1
6	416070	Spider & Bearing Assembly.....	1
7	416198	Capscrew.....	8
8	815048	Yoke, Fitting (Drive End).....	1

UNIVERSAL JOINT ASSEMBLY

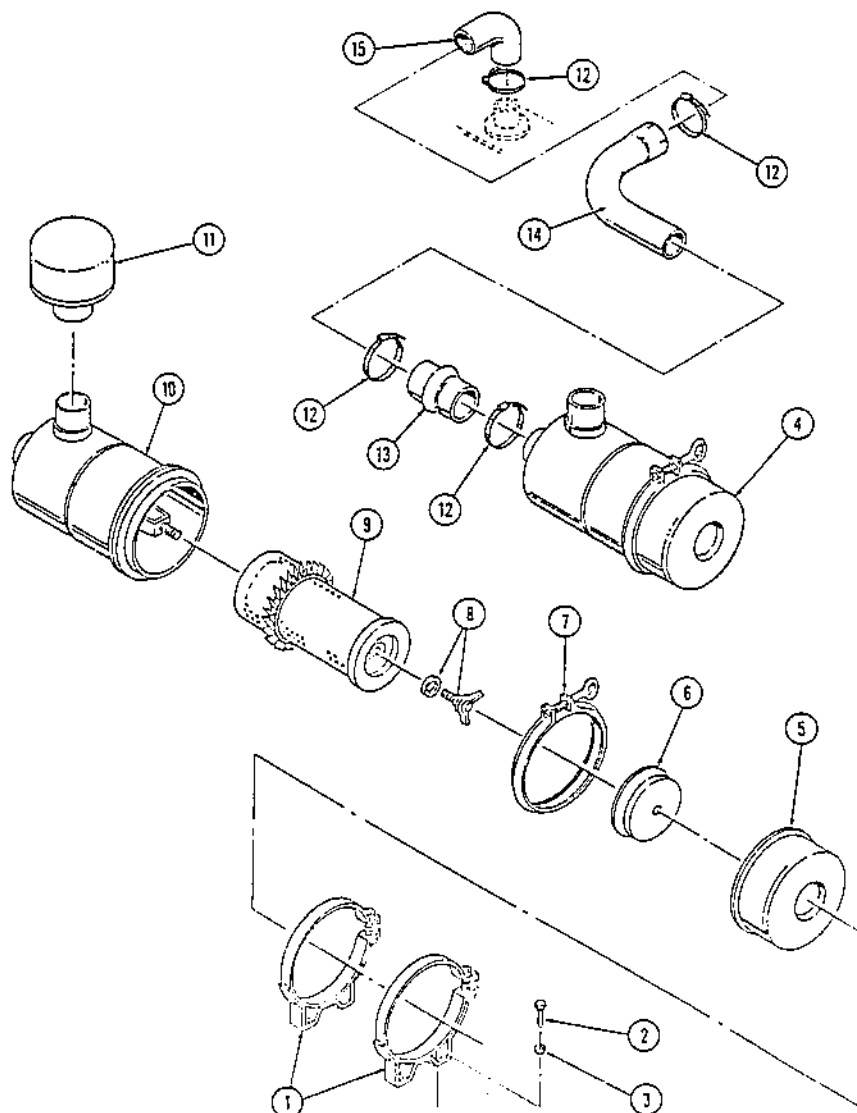


AIR CLEANER ASSEMBLY, DETROIT ENGINE



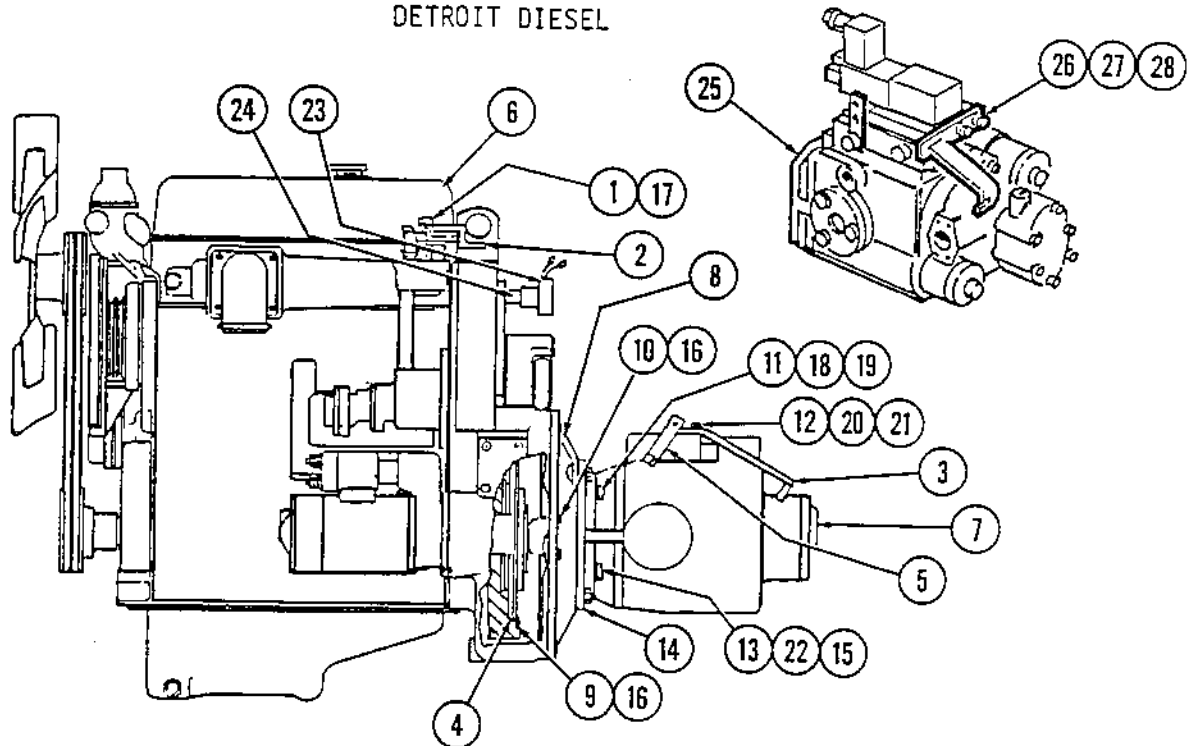
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	813791	Strap, Mounting.....	2
2	604027	Lockwasher.....	8
3	502016	Capscrew, HH.....	4
4	499225	Assembly, Air Cleaner.....	1
5	891523	Assy., Cup.....	1
6	499240	O-Ring.....	1
7	893524	Assy., Baffle.....	1
8	893228	Assy., Clamp.....	1
9	499489	Assy., Nut & Gasket.....	1
10	499313	Element, Air Cleaner.....	1
11	499476	Body, Air Cleaner.....	1
12	813792	Assembly, Pre-Cleaner.....	1
13	891530	Clamp.....	1
14	921121	Clamp, Hose.....	2
15	801179	Hump, Hose.....	1
16	815507	Tube, Air Cleaner.....	1
17	502018	Capscrew, HH.....	4

AIR CLEANER ASSEMBLY, JOHN DEERE ENGINE



INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	499133	Strap, Mounting.....	2
2	502016	Capscrew, HH.....	4
3	600006	Washer, Flat.....	4
4	499134	Assembly, Air Cleaner.....	1
5	499369	Assy., Cup.....	1
6	499368	Baffle, Skirt.....	1
7	891510	Assy., Clamp.....	1
8	891518	Assy., Nut & Gasket.....	1
9	891528	Element, Air Cleaner.....	1
10	891521	Body, Air Cleaner.....	1
11	499317	Pre-Cleaner.....	1
12	313023	Clamp, Hose.....	4
13	801468	Reducer, Hump.....	1
14	80158502	Adapter, Air Inlet.....	1
15	801467	Elbow, Air Cleaner.....	1

ENGINE & PUMP ASSEMBLY DETROIT DIESEL



INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	335658	Bolt, Throttle Pivot.....	1
2	815035	Link, Throttle.....	1
3	*815036	Bracket, Cable.....	1
4	480283	Plate, Drive.....	1
5	335593	Lever.....	1
6	801038	Engine.....	1
7	*801051	Traction Pump, (See pg 70-73).....	1
8	801052	Pump Drive, (See pg. 77)	1
9	502033	Bolt, HH.....	8
10	502035	Bolt, HH.....	12
11	502060	Bolt, HH.....	4
12	*502012	Bolt, HH.....	2
13	502092	Bolt, HH.....	4
14	813647	O-Ring, Traction Pump.....	1
15	604033	Lockwasher.....	4
16	604028	Lockwasher.....	20
17	604027	Lockwasher.....	1
18	335545	Washer, Flat (Special).....	4
19	604030	Lockwasher.....	4
20	*600005	Washer, Flat.....	2
21	*604026	Lockwasher.....	2
22	571007	Hex Nut.....	4
23	843156	Assy., Tach. Generator,(S/N 1742 &Up).....	1
24	989131	Tang, Tach. Drive, (S/N 1742 & Up)..	1
25	**348530	Pump, Traction, (Pg. 73A to 73D)....	1
26	**815513	Bracket, Cable.....	1
27	**500053	Capscrew, HH.....	2
28	**615043	Lockwasher, Conical Spring.....	2

* To S/N 2079

** From S/N 2080 & Up

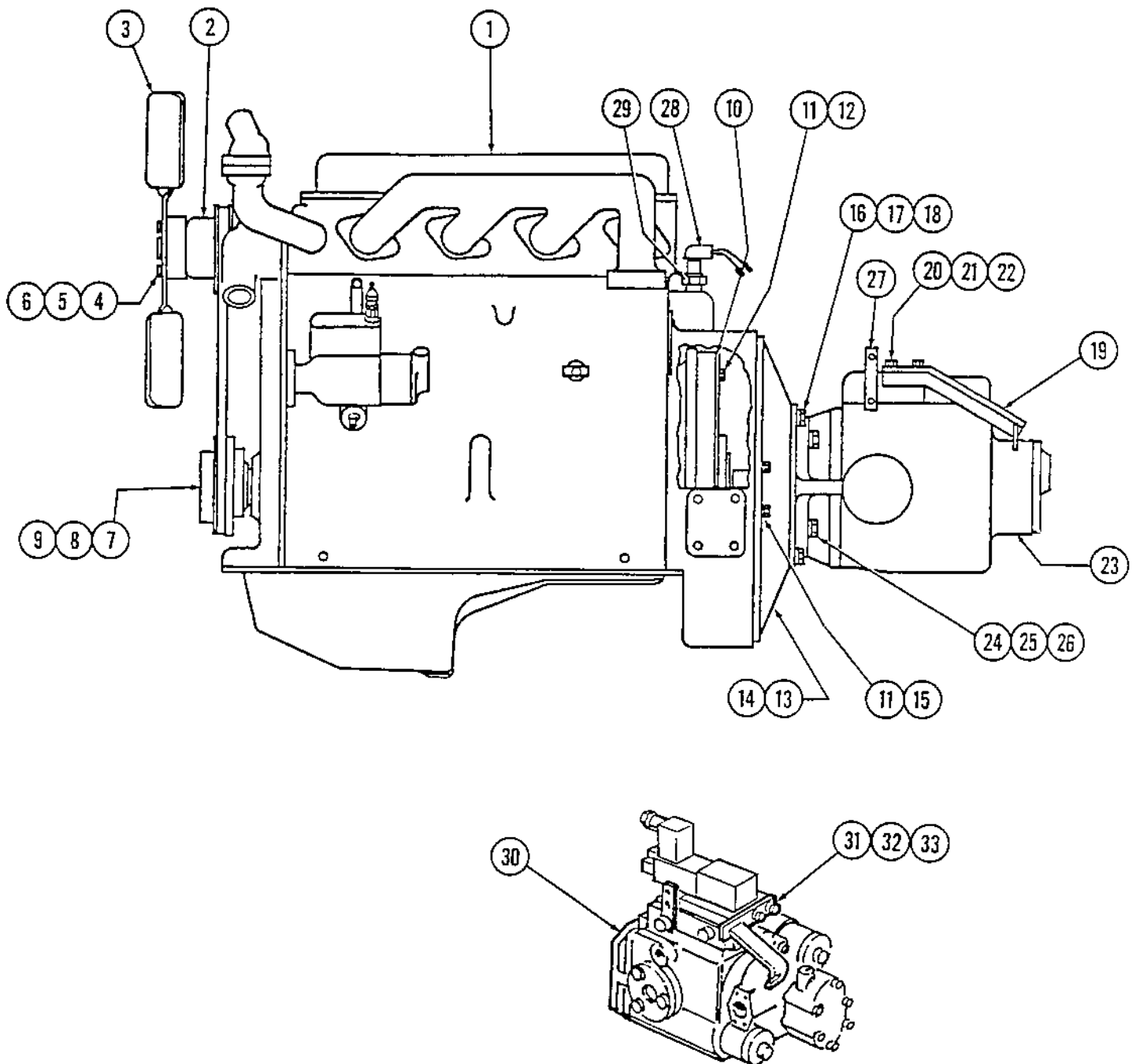
ENGINE & PUMP ASSEMBLY
(JOHN DEERE)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801148	Engine, John Deere Diesel.....	1
2	815442	Adapter, Fan.....	1
3	NSS	Fan.....	1
4	502023	Capscrew, HH.....	4
5	604027	Lockwasher.....	4
6	600006	Washer, Flat.....	4
7	815443	Adapter, Pulley.....	1
8	514008	Capscrew, Soc. Hd.....	4
9	813484	Lockwasher.....	4
10	480919	Plate, Drive.....	1
11	502033	Capscrew, HH.....	6
12	604028	Lockwasher.....	18
13	815469	Plate, Engine Adapter.....	1
14	801052	Assembly, Pump Drive(See page 77).....	1
15	502037	Capscrew, HH.....	12
16	502092	Capscrew, HH.....	4
17	604033	Lockwasher.....	4
18	571007	Hex Nut.....	4
19	*815036	Bracket, Cable.....	1
20	*502012	Capscrew, HH.....	2
21	*604026	Lockwasher.....	2
22	*600005	Washer, Flat.....	2
23	*801051	Pump, Traction (Page. 70-73).....	1
24	502060	Capscrew, HH.....	4
25	604030	Lockwasher.....	4
26	335545	Washer, Flat (Special).....	4
27	335593	Lever.....	1
28	843156	Assy. Tach. Generator(S/N 1928 to 1931, 1936 & Up).....	1
29	989131	Tang., Tach. Drive(S/N 1928 to 1931, 1936 & Up).....	1
30	**348530	Pump, Traction,(Pg. 73A-73D).....	1
31	**815513	Bracket, Cable.....	1
32	**500053	Capscrew, HH.....	2
33	**615043	Lockwasher, Conical Spring.....	2

* To S/N 2079

** From S/N 2080 & Up.

ENGINE & PUMP ASSEMBLY
(John Deere)



Rev. 7/17/87

Page 17

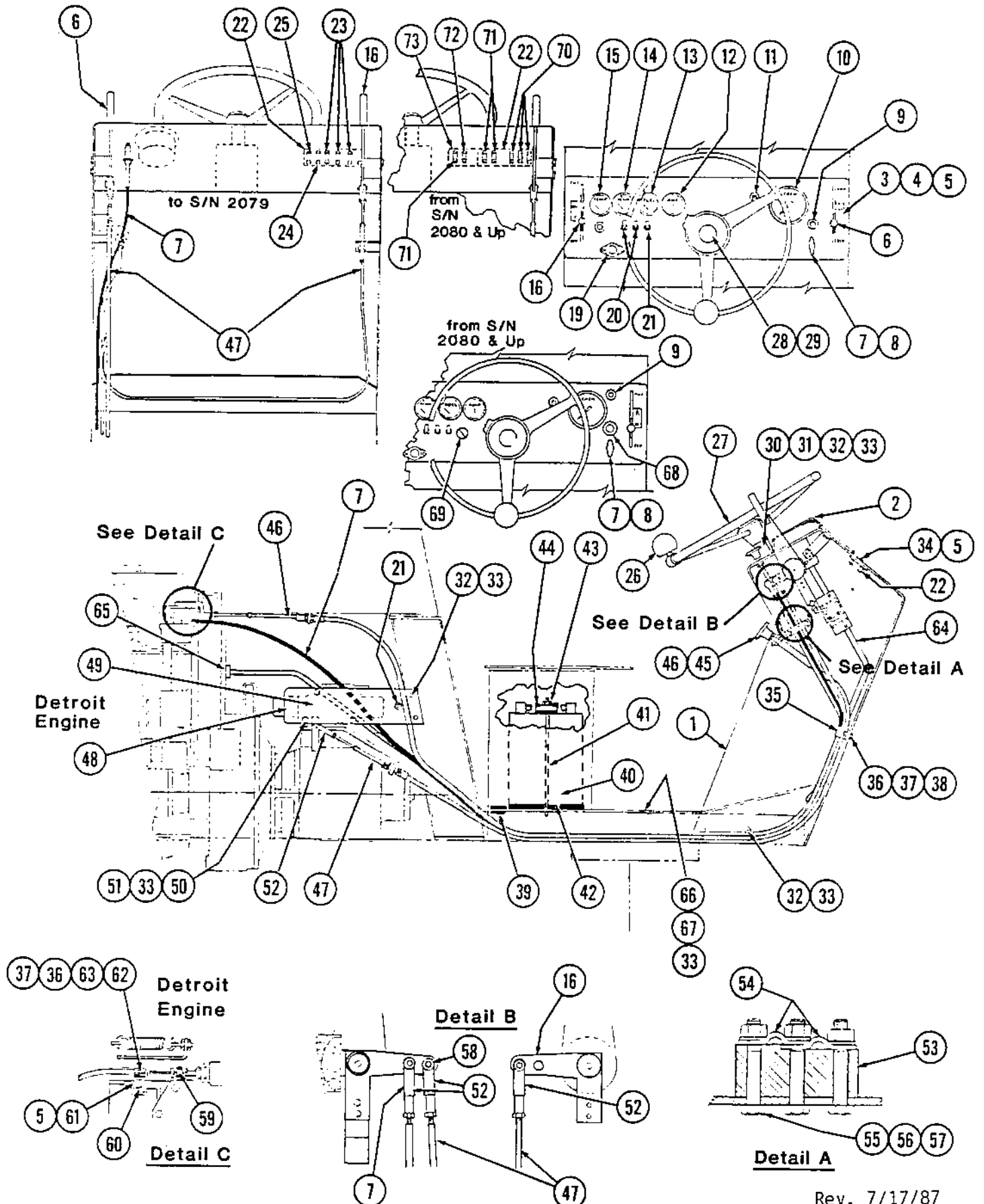
CONSOLE ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815819	Console.....	1
2	815059	Cover, Instrument Panel.....	1
3	815209	Cover, Notch.....	2
4	211105	Screw, Rd. Hd.....	4
5	604019	Lockwasher.....	11
6	802469	Control Assembly, R.H. Fwd/Rev (See pg.23)	1
7	*456069	Cable Shut Down Control.....	1
8	*457127	T-Handle Shut Down Control.....	1
9	985061	Light, Brake Pilot.....	1
10	802153	Tach.& Clamp Assy,Det.(S/N 1742 & Up)....	1
--	499223	Tach.& Clamp Assy,Det.(S/N 1741 & Down)...	1
--	802153	Tach.& Clamp Assy.,Deere, (S/N 1928 to 1931 1936 & Up).....	1
--	813343	Tach.& Clamp Assy.,Deere, (To S/N 1927, 1932 to 1935).....	1
11	813411	Switch, Ignition.....	1
12	989019	Gauge, Ammeter.....	1
13	989039	Gauge, Fuel.....	1
14	989038	Gauge, Oil Temperature.....	1
15	801607	Gauge, Water Temperature.....	1
16	802468	Control Assy., LH Fwd/Rev (See pg 25)...	1
17	985060	Light Assembly, Pilot.....	1
18	985086	Bulb.....	1
19	842160	Button, Horn.....	1
20	814266	Switch, Drum & Tire Wetting Systems.....	2
21	801343	Switch, Vibration & Amplitude.....	2
22	821397	Block, Fuse.....	1
23	813412	Fuse.....	4
24	80154602	Fuse.....	1
25	80154601	Fuse.....	1
26	813349	Spinner Assy., Wheel.....	1
27	813336	Wheel, Steering.....	1
28	813342	Nut, Steering Wheel.....	1
29	813337	Plug, Steering Wheel Button.....	1
30	335567	Valve Assy., Steering (See pg.107).....	1
31	335563	Column Assembly, Steering.....	1
32	502035	Capscrew, HH.....	8

* Detroit Diesel Engine Only

Rev. 7/17/87

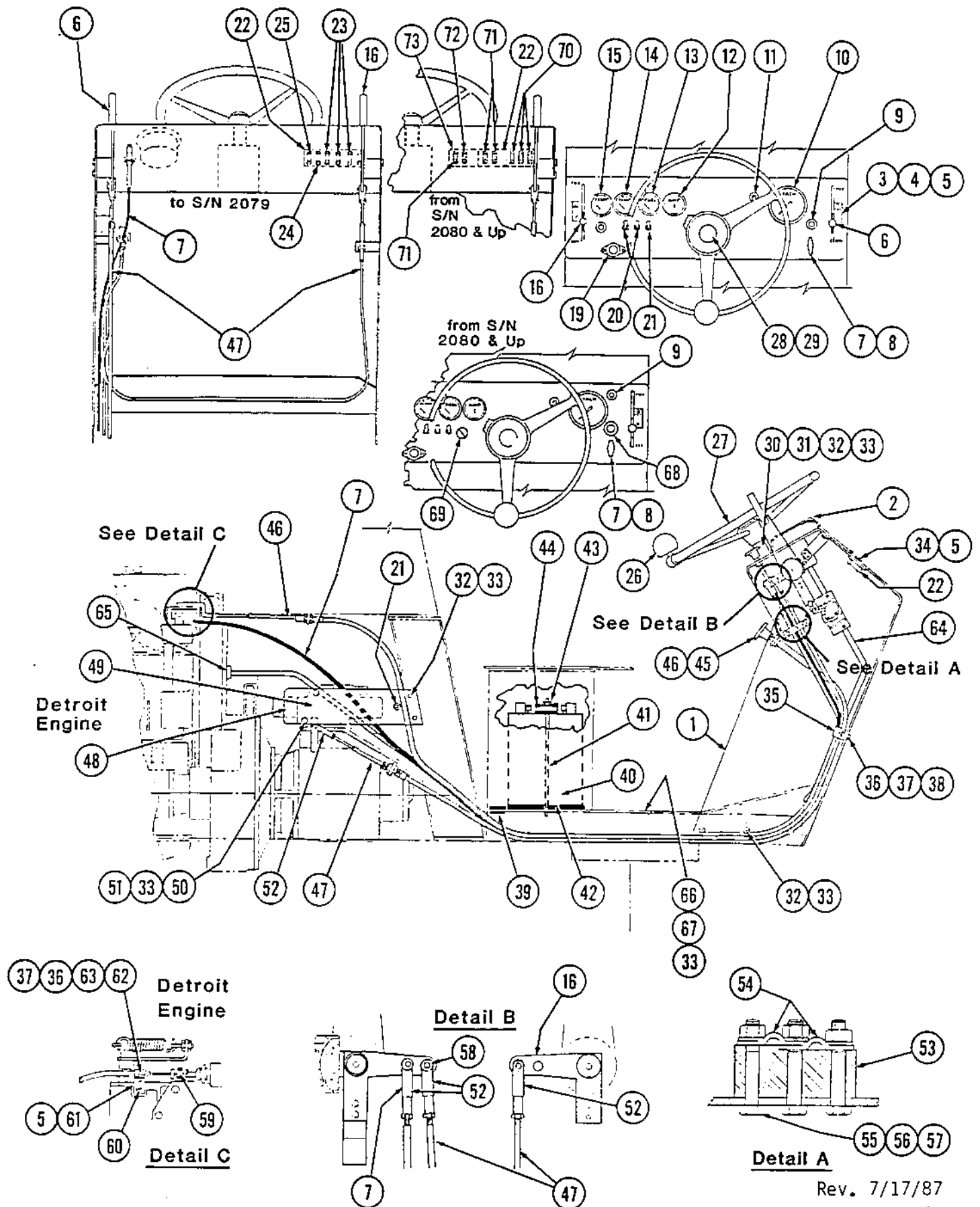
CONSOLE ASSEMBLY



CONSOLE ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
33	604028	Lockwasher.....	17
34	510018	Capscrew, Soc. Hd.....	2
35	815324	Clamp, Cable.....	1
36	502006	Capscrew, HH.....	2
37	604026	Lockwasher.....	5
38	571001	Hex Nut.....	3
39	909072	Grommet.....	1
40	470020	Battery.....	1
41	813330	Bolt, Battery Hold Down.....	2
42	335587	Base, Battery.....	1
43	335496	Bracket, Battery Hold Down.....	1
44	801411	U-Channel, Rubber.....	A/R
45	456028	Cable, Throttle Control.....	1
46	891141	T-Handle, Throttle Cable.....	1
47	456029	Cable, Fwd/Rev Control.....	2
48	815931	Bracket, Vib. Cont. Valve (From S/N 1731 and Up).....	1
--	815765	Bracket, Vib. Cont. Valve (To S/N 1730)..	1
49	337510	Assembly, Vib. Control Valve(See pg 59)..	1
50	502038	Capscrew, HH.....	3
51	571003	Hex Nut.....	3
52	813361	Yoke.....	4
53	815839	Block, Cable.....	1
54	457054	Clamp, Cable.....	2
55	502023	Capscrew, HH.....	3
56	604027	Lockwasher.....	3
57	571002	Hex Nut.....	3
58	100053	Bushing, (Used on Earlier Models).....	1
59	801186	Stop, Throttle.....	1
60	815506	Bracket, Throttle.....	1
61	550080	Screw, Rd. Hd.....	1
62	813313	Clamp.....	1
63	502002	Capscrew, HH.....	1
64	456060	Flexible Tach.Shaft, Det.(To S/N 1741)...	1
--	801655	Flexible Tach.Shaft, J. Deere(To S/N 1927,1932 to 1935).....	1
65	457083	Kit, Tach. Shaft, Detroit(To S/N 1741)...	1
66	815457	Assy., Floor and Battery Box,S/N 2080+Up.	1
--	815827	Assy., Floor & Battery Box, To S/N 2079..	1
67	502033	Capscrew, HH.....	6
68	930200	Contact Block, Emergency Stop.....	1
69	930151	Switch, Hi/Lo Speed.....	1
70	813412	Fuse, 3AG x 10 Amp.....	3
71	80154602	Fuse, 3AG x 7 1/2 Amp.....	3
72	80154601	Fuse, 3AG x 2 Amp.....	1
73	950059	Block, Fuse.....	1

CONSOLE ASSEMBLY



FWD/REV CONTROL ASSEMBLY (RIGHT HAND)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	802469	Assembly, Fwd/Rev Control.....	1
1	891813	Lever, Input.....	1
2	891816	Grip, Handle.....	1
3	891806	Square, Locking.....	1
4	891814	Washer, Nylon 2" O.D. or 5.08 cm.....	1
5	891788	Ball, Detent.....	1
6	891198	Cap, Detent.....	1
7	891787	Spring.....	1
8	891803	Drum, Center.....	1
9	891804	Plug, Brass.....	1
10	891196	Setscrew, Allen Hd.....	2
11	891811	Lever, Actuator Output.....	1
12	815817	Lever, Output.....	1
13	891586	Washer, Nylon 1" O.D. or 2.54 cm.....	1
14	891805	Bolt, Centering.....	1
15	517057	Screw, HH.....	2
16	604020	Lockwasher.....	2
17	815814	Bracket, Switch.....	1
18	930046	Switch, Vibration, On/Off.....	1
19	502002	Capscrew, HH.....	2
20	604026	Lockwasher.....	2
21	600000	Washer, Flat.....	2
22	825817	Block, Mounting.....	1
23	825816	Guide, Auto Vibration Cam.....	1
24	825815	Cam, Auto Vibration.....	2
25	550074	Capscrew, Rd. Hd.....	2
26	604019	Lockwasher.....	4
27	550073	Capscrew, Rd. Hd.....	2
28	600028	Washer, Flat.....	4
29	337843	Bracket, Switch.....	1
30	457087	Actuator.....	1
31	930099	Switch, Micro.....	1
32	826282	Strip, Insulation.....	1
33	550054	Capscrew, HH.....	2
34	604019	Lockwasher.....	2
35	571019	Hex Nut.....	2
36	813361	Yoke Assembly.....	2
37	456029	Cable, Fwd/Rev Control.....	2

This exploded view diagram illustrates the assembly of a mechanical device, likely a winch or a similar lifting mechanism. The components are numbered 1 through 37. The diagram shows the following parts and their assembly relationships:

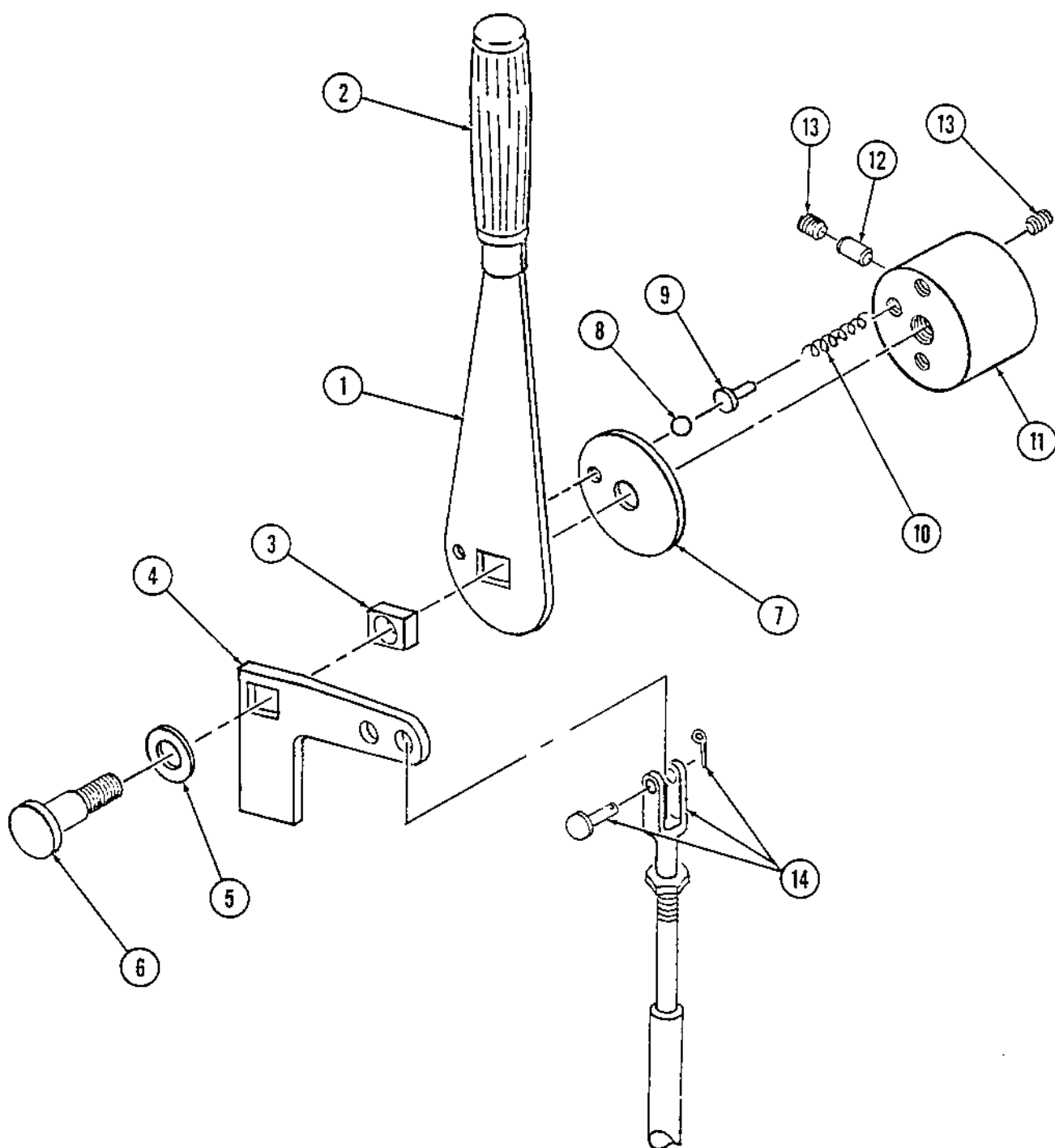
- Console:** The main structural frame, shown in two locations (top left and bottom center).
- Handle (2):** A long, tapered handle with a fluted grip, attached to the central console via a pin (1) and a bracket (3).
- Pulley (4):** A large pulley wheel mounted on a shaft (5) with a nut (6) and washers (7). It is secured with a pin (8) and a lock nut (9).
- Linkage System:** A complex arrangement of levers and pivots. It includes a lever (11) connected to a bracket (12) on the console. A long rod (13) is pivoted at one end (14) and connected to a lever (15) via a pin (16). Another lever (17) is shown at the top left, connected to the console via a pin (18) and a bracket (19).
- Support and Fasteners:** Various bolts (20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35), nuts (36), and washers (37) are used to secure the components to the console and to each other.

Dashed lines throughout the diagram indicate the intended assembly path and the relative positions of the parts.

FWD/REV CONTROL ASSEMBLY (LEFT HAND)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	802468	Assembly, Fwd/Rev Control.....	1
1	891813	Lever, Input.....	1
2	891816	Grip, Handle.....	1
3	891806	Square, Locking.....	1
4	815836	Lever, Output.....	1
5	891814	Washer, Nylon 1" O.D. or 2.54 cm	1
6	891805	Bolt, Centering.....	1
7	891814	Washer, Nylon 2" O.D. or 5.08 cm	1
8	891788	Ball, Detent.....	1
9	891198	Cap, Detent.....	1
10	891787	Spring.....	1
11	891803	Drum, Center.....	1
12	891804	Plug, Brass.....	1
13	891196	Setscrew, Allen Hd.....	2
14	813361	Yoke, Assembly.....	1
15	456029	Cable, Fwd/Rev Control.....	1

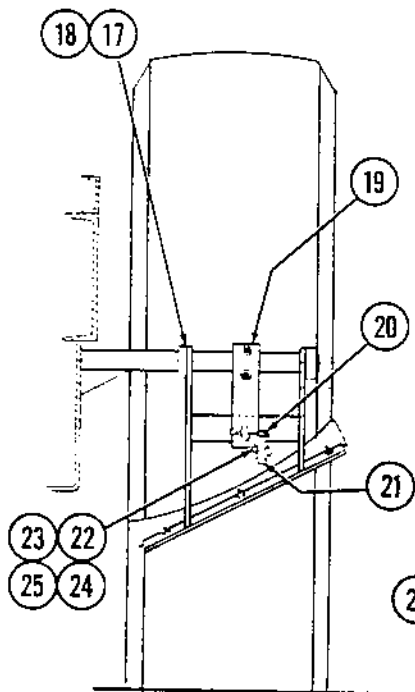
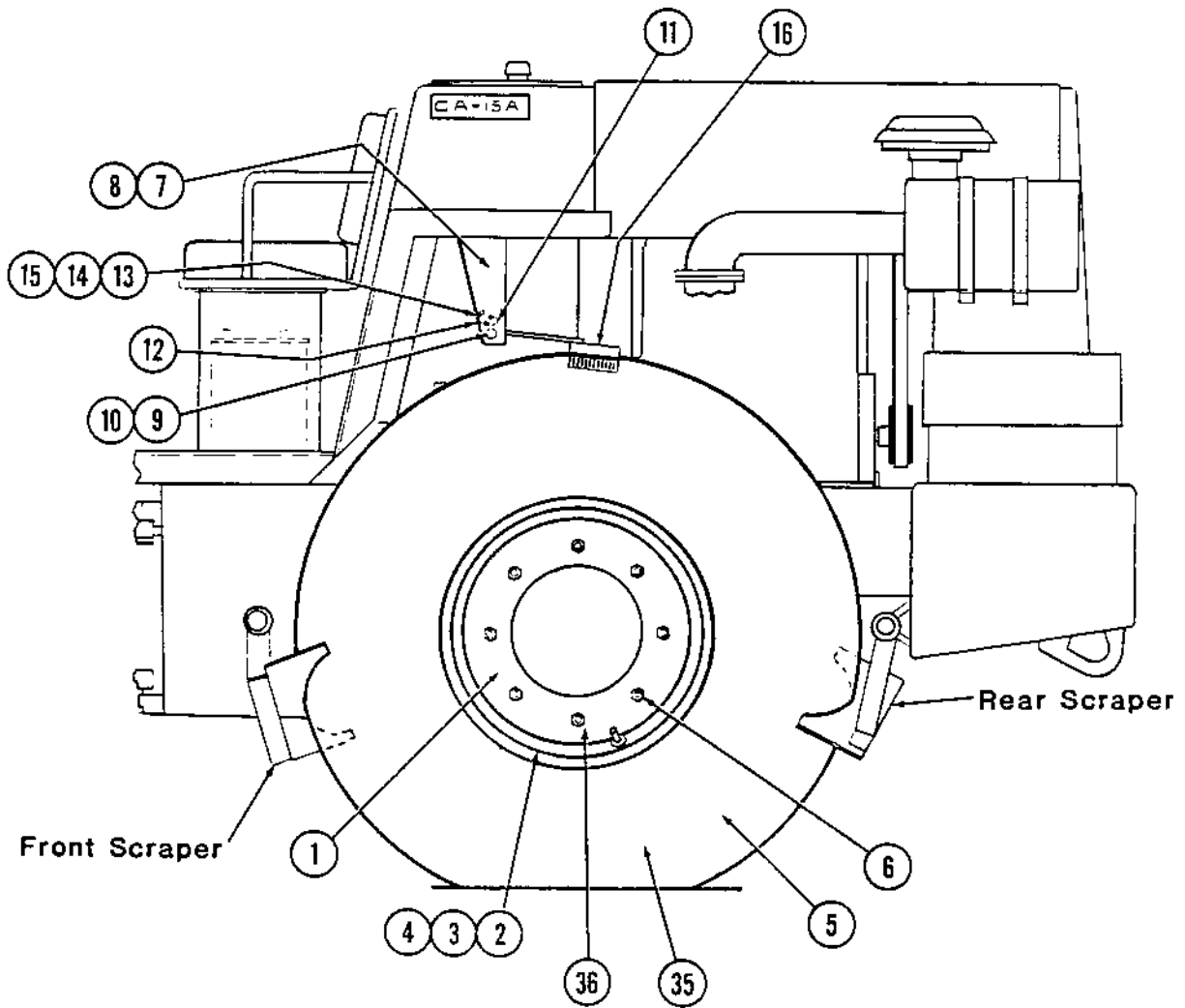
FWD/REV CONTROL ASSEMBLY (LEFT HAND)



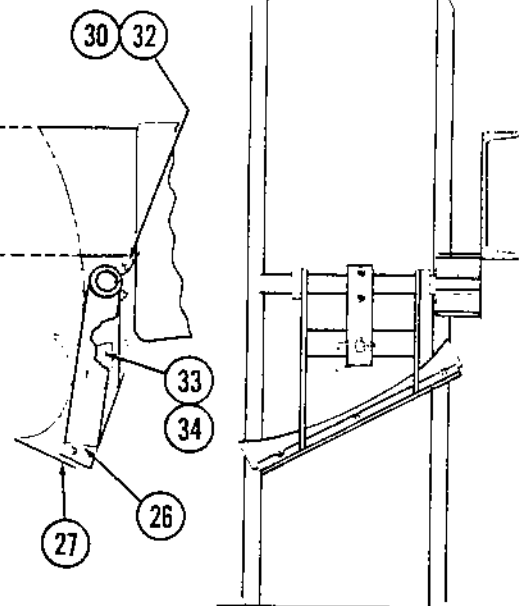
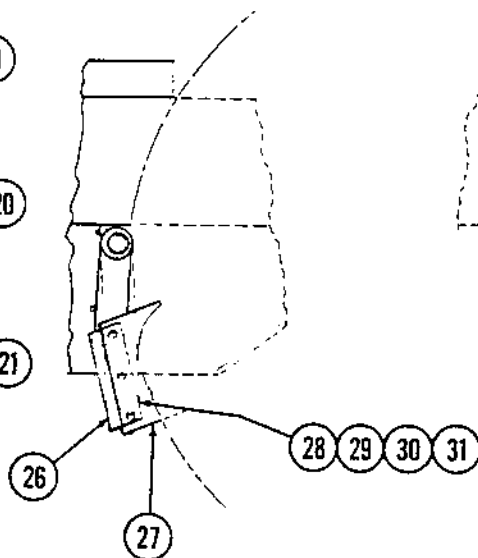
TIRE AND SCRAPER ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	815138	Assembly, Wheel and Tire,(To S/N 2079).....	2
1	815123	Rim, Wheel.....	1
2	401053	Ring, Side.....	1
3	401054	Ring, Lock.....	1
4	401055	O-Ring.....	1
5	401099	Assembly, Smooth Tire and Tube.....	1
6	813694	Nut, Wheel.....	16
7	815797	Support, L.H. Cocoa Mat.....	1
8	815796	Support, R.H. Cocoa Mat.....	1
9	502056	Capscrew, HH.....	2
10	586044	Locknut.....	2
11	635017	Pin, Cotterless Hitch.....	2
12	418036	Chain, Brass Jack.....	2
13	502033	Capscrew, HH.....	2
14	600007	Washer, Flat.....	2
15	586043	Locknut.....	2
16	-----	Cocoa Mat Assembly, R.H. & L.H. (See pg 44).....	2
17	813754	Collar, Set.....	8
18	502033	Capscrew, HH.....	8
19	433574606	Arm, Torque.....	4
20	635020	Clip, Hairpin.....	4
21	418035	Chain, Brass Jack.....	4
22	503003	Capscrew, HH.....	4
23	600005	Washer, Flat.....	4
24	604026	Lockwasher.....	4
25	572001	Hex Nut.....	4
26	335746	Bracket, Scraper.....	4
27	815101	Scraper, Nylon.....	4
28	433574607	Clamp, Scraper.....	4
29	502036	Capscrew, HH.....	12
30	604028	Lockwasher.....	20
31	571003	Hex Nut.....	12
32	813485	U-Bolt.....	4
33	813757	Spring, Scraper.....	4
34	600010	Washer, Flat.....	4
--	815525	Assy., Wheel & Tire, (S/N 2080 & Up.).....	2
35	401099	Tire & Tube.....	
36	815512	Rim Assembly.....	1

TIRE AND SCRAPER ASSEMBLY



Front Scraper



Rear Scraper

TRACTOR FRAME AND DRUM MODULE

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	**348500	Assembly, Drive Axle, (Pg. 97A-97F).....	1
-	*801659	Assembly, Drive Axle, (See page 88).....	1
2	*502276	Bolt, HH.....	8
3	*615033	Washer, QT.....	16
4	*586050	Locknut, Heavy.....	8
5	**815005	Frame, Tractor, (Det., J. Deere, S/N 2080, Up).	1
-	815871	Frame, Tractor, (Det. S/N 1851 to 2079)....	1
-	815025	Frame, Tractor, (Det., To S/N 1850).....	1
6	815871	Frame, Tractor, (J. Deere, S/N 1851 to 2079).	1
-	815435	Frame, Tractor, (J. Deere, To S/N 1850).....	1
7	813391	Plug, Magnetic.....	1
8	*813332	Master Cylinder, Foot Brake.....	1
9	*813497	Repair Kit, Master Cylinder.....	1
10	*502045	Capscrew, HH.....	2
11	*604028	Lockwasher.....	4
12	*813335	Spring.....	1
13	*815317	Pedal, Foot Brake.....	1
14	*813339	Bushing.....	2
15	*503065	Capscrew, HH.....	1
16	*586007	Locknut, Elastic.....	1
17	*550037	Pin, Clevis.....	1
18	*630035	Pin, Cotter.....	1
19	*335585	Clevis.....	1
20	*503024	Set Screw, Cup Point.....	1
21	*813512	Push Rod.....	1
22	815893	Frame, Front Drum, (S/N 1851 & Up).....	1
--	815810	Frame, Front Drum, (To S/N 1850).....	1
23	815100	Assembly, Drum, (See page 34).....	1
24	826025	Lock Plate, Steering Hitch, (To S/N 1850)..	1
25	826026	Lock Plate, Steering Hitch, (To S/N 1850)..	1
26	850179	Plate, Steering Hitch, (To S/N 1850).....	1
27	850251	Plate, Steering Hitch, (To S/N 1850).....	1
28	502060	Capscrew, HH.....	2
29	604030	Lockwasher.....	2
30	571005	Hex Nut.....	2
31	502036	Capscrew, HH.....	8
32	801272	Washer, Sealing.....	8
33	813314	Sender Assembly, Fuel Level.....	1
34	813315	Gasket.....	1
35	550028	Capscrew, Rd. Hd.....	5
36	604019	Lockwasher.....	5
37	502035	Capscrew, HH.....	1
38	571003	Hex Nut.....	2
39	334453	Bushing, Reducer, (To S/N 1750).....	1
40	801538	Petcock, Drain, (To S/N 1750).....	1
41	923297	Petcock, Drain, (From S/N 1751).....	1

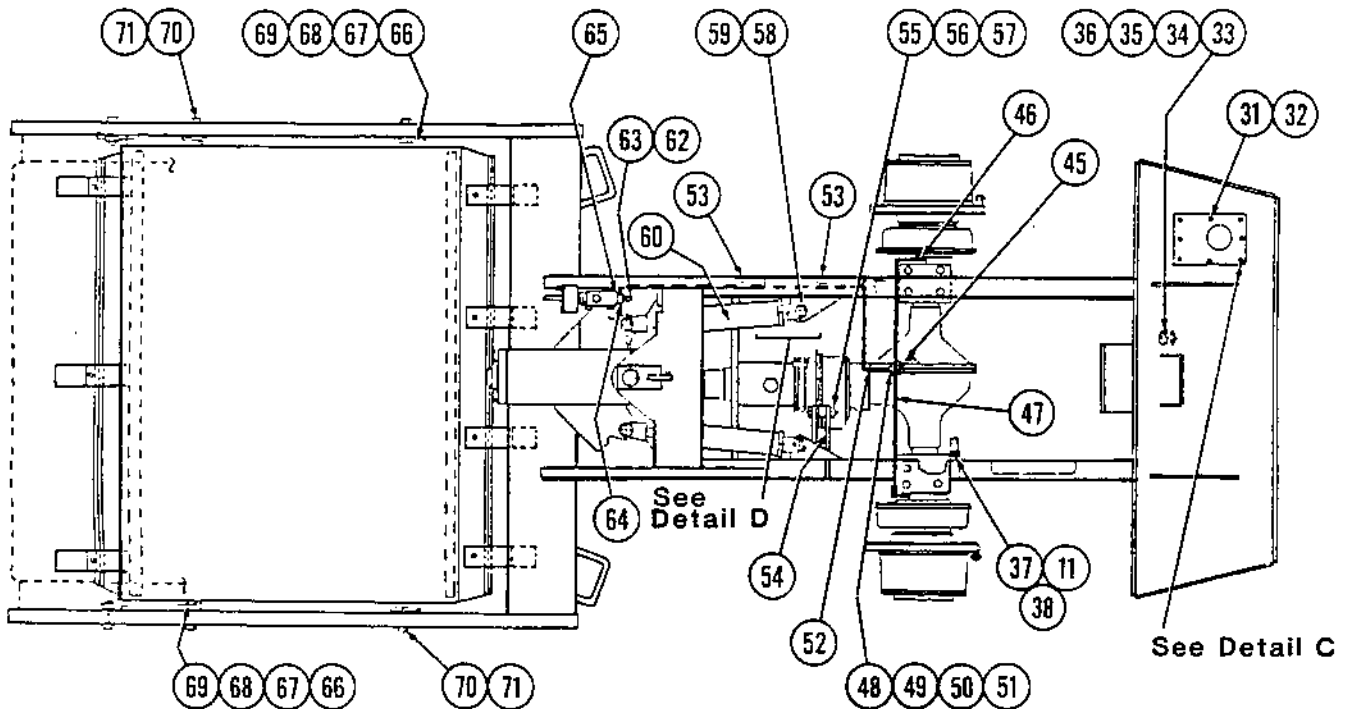
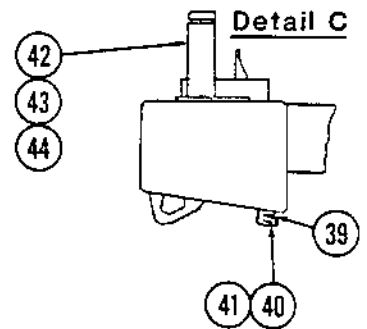
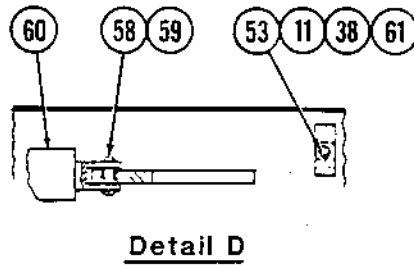
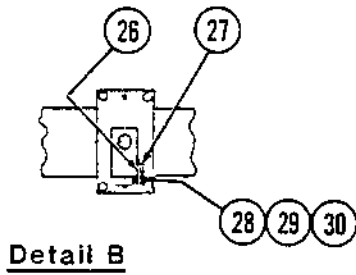
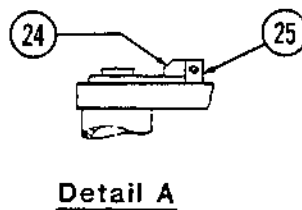
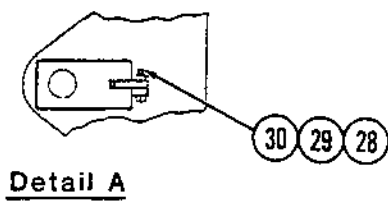
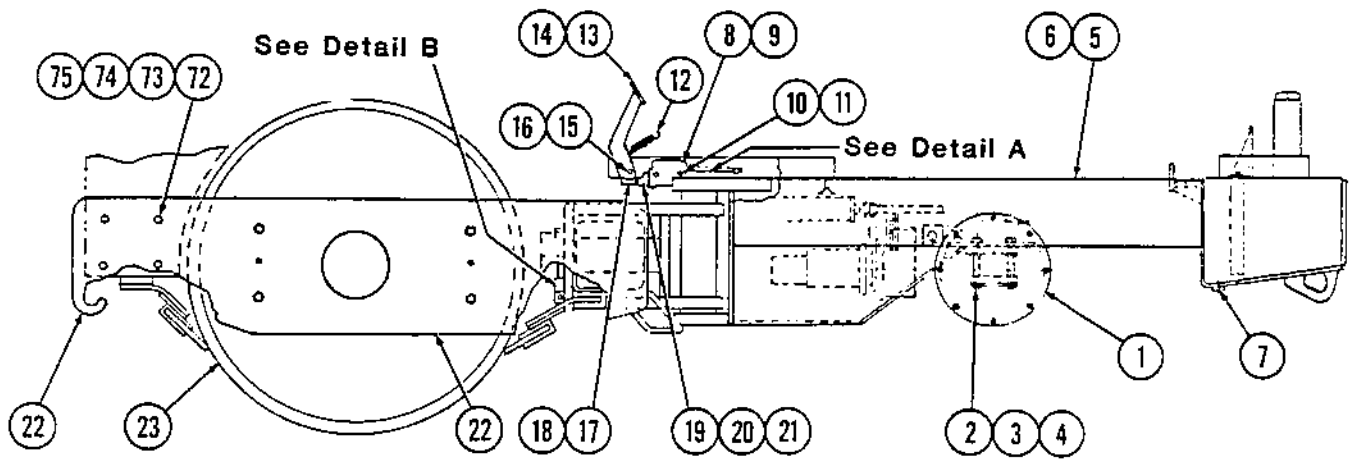
* To S/N 2079

** S/N 2080 & Up

Rev. 7/17/87

Page 28

TRACTOR FRAME AND DRUM MODULE

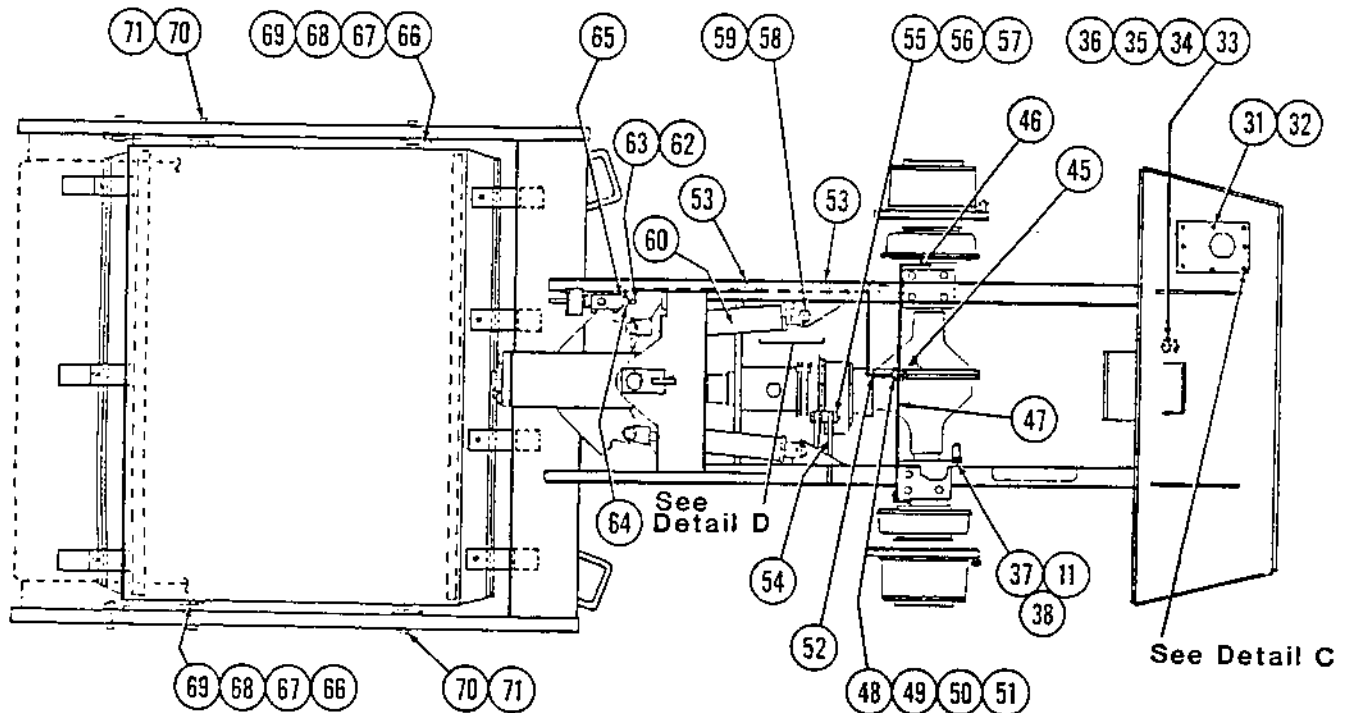
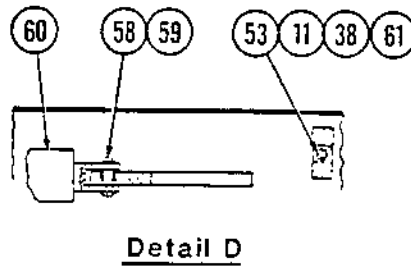
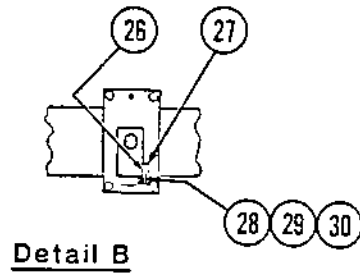
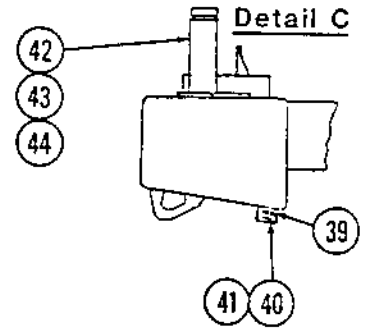
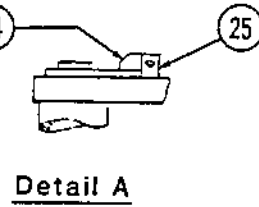
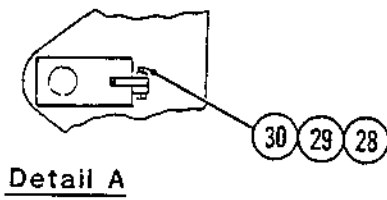
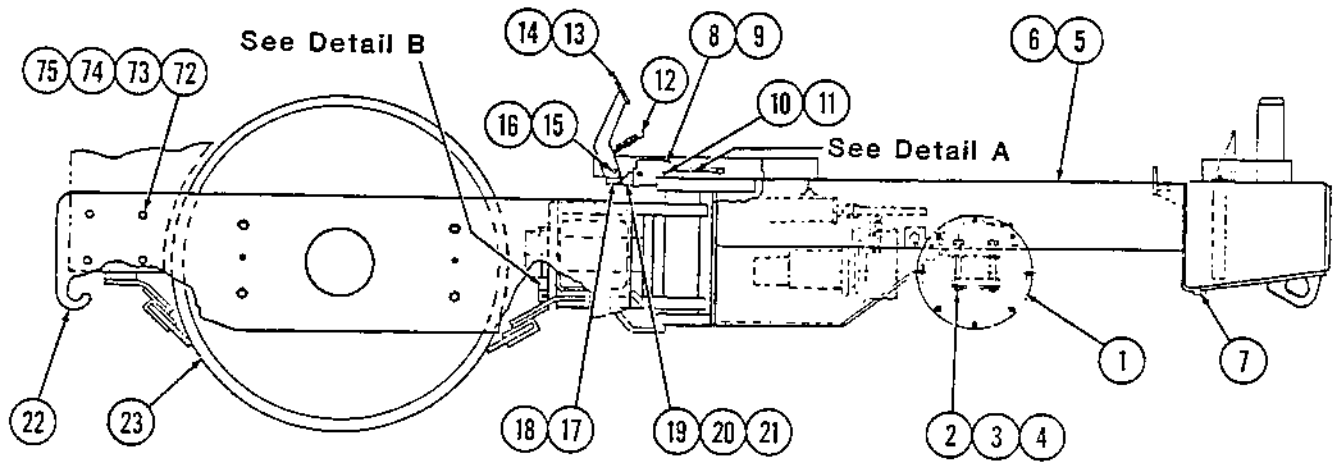


TRACTOR FRAME AND DRUM MODULE

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
42	826262	Assembly, Fuel Filler & Cap.....	1
43	80153305	Cap, Fuel.....	1
44	850145	Gasket, Fuel Cover.....	1
45	* 815292	Bracket.....	1
46	* 815291	Line, R.H. Brake.....	1
47	* 815290	Line, L.H. Brake.....	1
48	* 813310	Tee, Brake Line.....	1
49	* 502016	Capscrew, HH.....	1
50	* 604027	Lockwasher.....	1
51	* 571002	Hex Nut.....	1
52	* 815289	Line, Master Cylinder to Brake Line Tee...	1
53	* 813313	Clamp, Brake Line.....	2
54	* 815042	Support, Axle.....	1
55	* 923438	Capscrew, HH.....	1
56	* 615029	Washer, QT.....	2
57	* 586056	Locknut, Heavy.....	1
58	813316	Bearing, Steering Cylinder.....	2
59	310025	Fitting, Lubrication.....	2
60	335560	Cylinder Assy., Steering (See page 83)....	2
61	502037	Capscrew, HH.....	2
62	* 813334	Bolt, Connector.....	1
63	* 813351	Washer, Brass.....	1
64	* 813333	Connector, Brake.....	1
65	* 813344	Washer, Brass.....	1
66	842291	Shim, Drum(1/8" or 3.175 mm).....	A/R
67	842292	Shim, Drum(1/4" or 6.350 mm).....	A/R
68	842293	Shim, Drum(1/16" or 1.588 mm).....	A/R
69	842294	Shim, Drum(3/16" or 4.762 mm).....	A/R
70	502098	Capscrew, HH.....	8
71	813475	Stopnut, Elastic.....	8
72	502060	Capscrew, HH.....	8
73	600010	Washer, Flat.....	8
74	604033	Lockwasher.....	8
75	571007	Hex Nut.....	8

* To S/N 2079

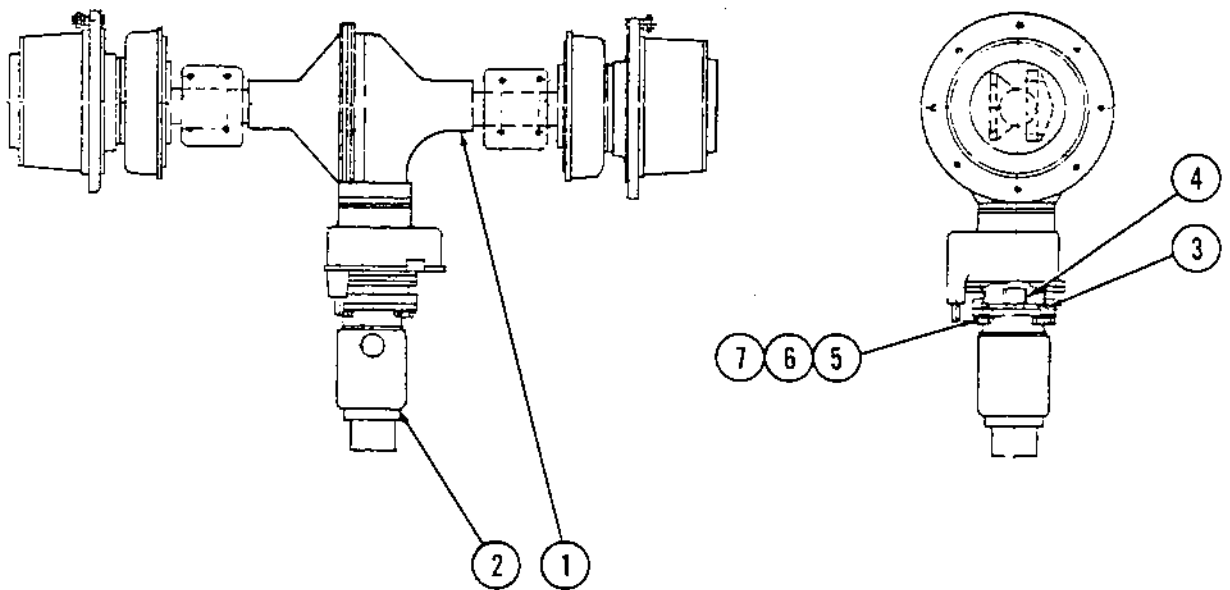
TRACTOR FRAME AND DRUM MODULE



AXLE AND MOTOR ASSEMBLY
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801659	Axle Assembly (See page 88-97).....	1
2	335557	Motor, Traction (See page 75).....	1
3	813478	O-Ring.....	1
4	815074	Adapter, Sleeve.....	1
5	335545	Washer, Special.....	4
6	502059	Bolt, HH.....	4
7	604030	Lockwasher.....	4

AXLE & MOTOR ASSEMBLY



AXLE & MOTOR ASSEMBLY
S/N 2080 & Up

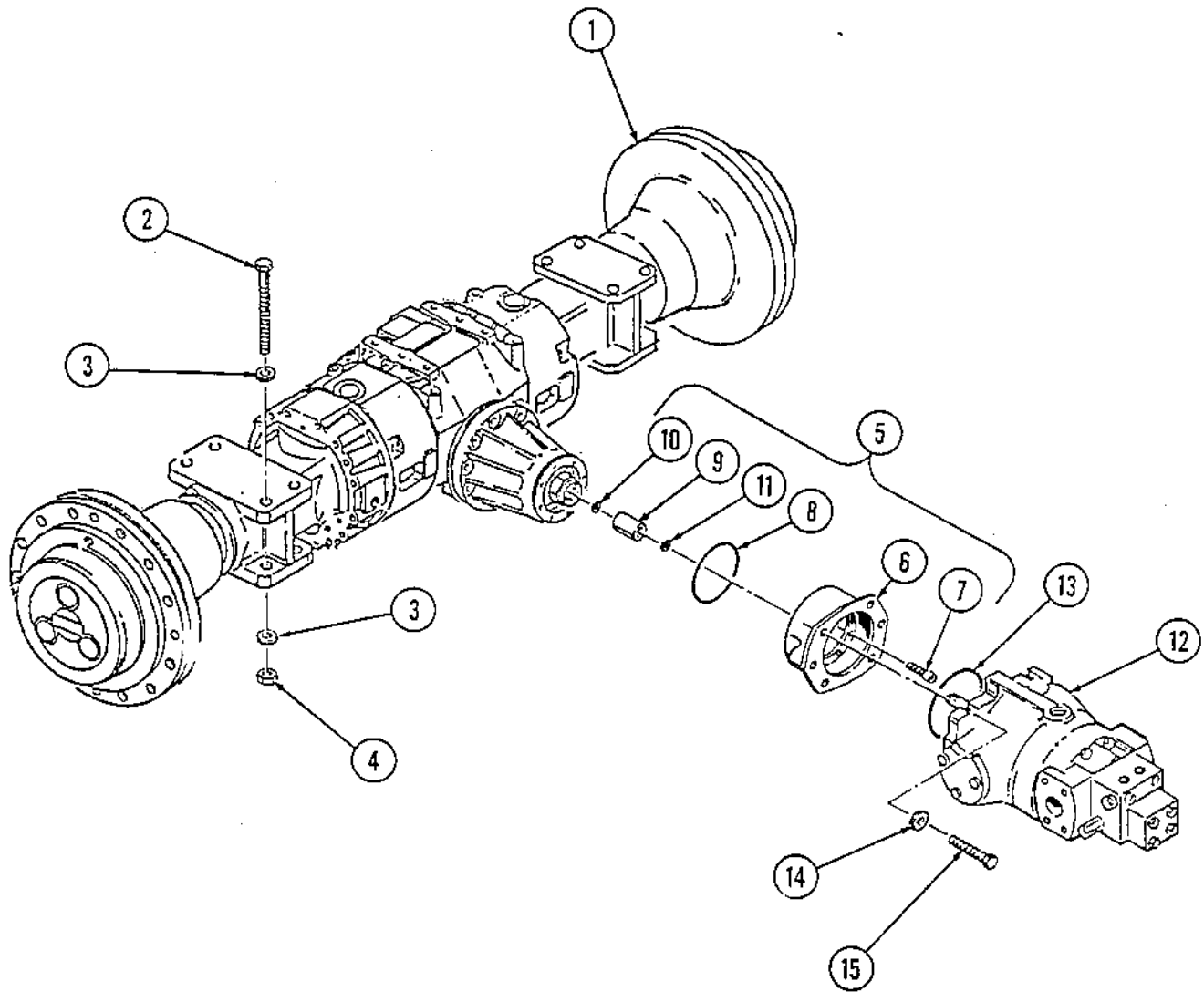
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	348500	Axle Assembly, Rear,(Pg. 97A-97F)	1
2	929217	Screw	8
3	600014	Washer	16
4	586022	Locknut	8
5	348618	Mounting Kit	1
6	929713	Flange	1
7	929712	Screw	8
8	929648	O-Ring	1
9	929711	Splined Sleeve.....	1
10	929709	Lock Ring.....	1
11	929710	Lock Ring.....	1
12	348531	Traction Motor, Axle, (Pg. 75A-75D).....	1
13	160157	O-Ring	1
14	615045	Washer, Conical Spring.....	8
15	500056	Capscrew, HH	4

Released 7/17/87

Page 33A

PL15A-PL107

AXLE & MOTOR ASSEMBLY



PA15A-PL107

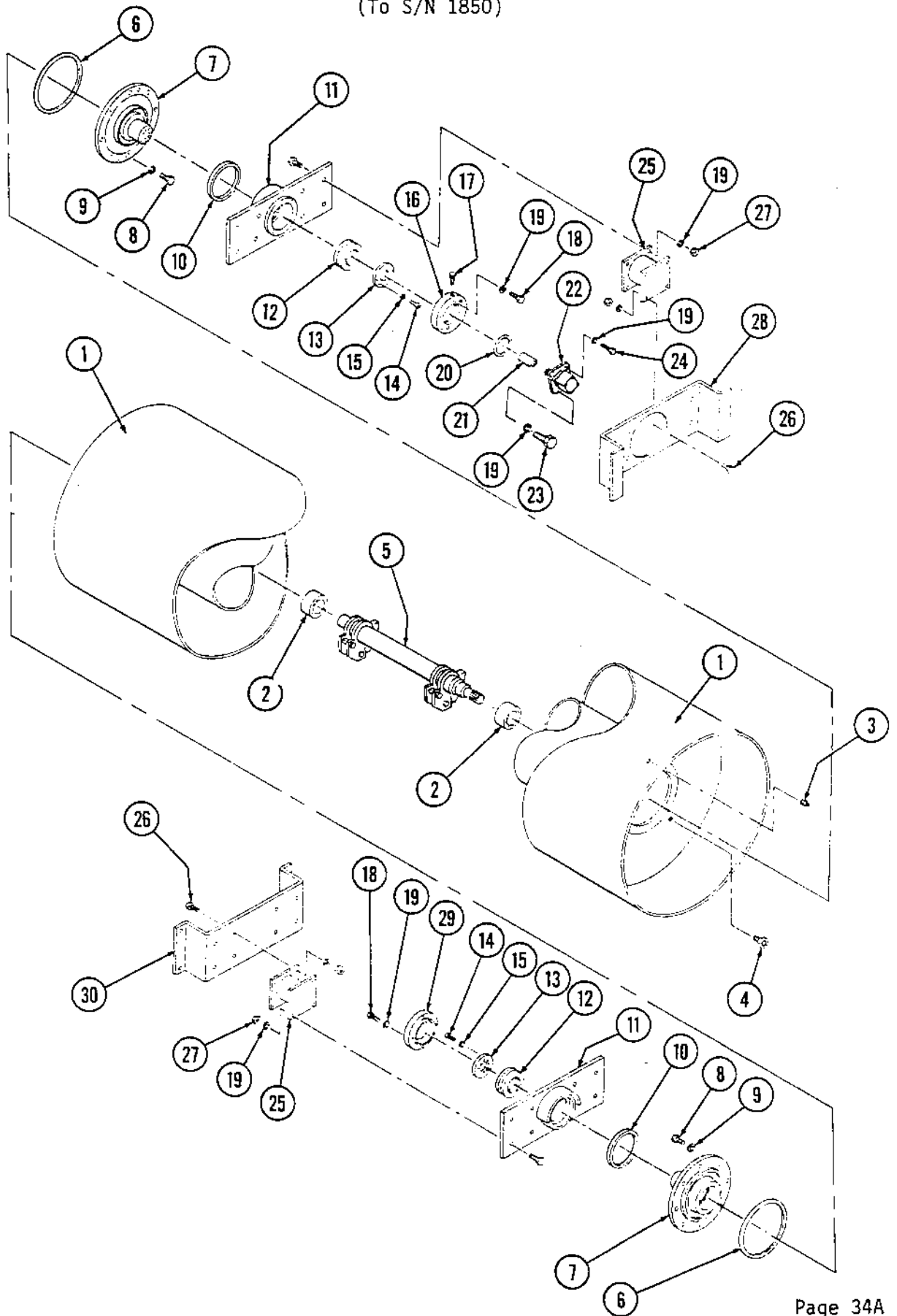
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Page 33B

DRUM ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	815100	Assembly, Drum.....	1
1	815139	Shell, Drum.....	1
2	114065	Bearing.....	2
3	813483	Pipe Plug, Magnetic.....	1
4	813482	Plug, Oil Eye.....	1
5	815099	Shaft, Eccentric Weight.....	1
6	160107	O-Ring.....	2
7	815018	Housing, Stub Shaft and Bearing.....	2
8	166016	Capscrew, HH Sealing.....	16
9	615029	Washer, Hi Strength.....	16
10	167023	Seal.....	2
11	815013	Housing, Bearing.....	2
12	116013	Assembly, Bearing.....	2
13	815016	Retainer, Bearing.....	2
14	502016	Capscrew, Soc. Hd.....	16
15	604027	Lockwasher, Hi Collar.....	16
16	815014	Adapter, Motor.....	17
17	232064	Vent, Breather.....	18
18	502061	Capscrew, HH.....	8
19	604030	Lockwasher.....	52
20	813478	O-Ring.....	1
21	416043	Coupling, Splined.....	1
22	801054	Motor Assembly, Hydraulic Vibration (See pg 81)	1
23	502057	Capscrew, HH.....	2
24	502058	Capscrew, HH.....	2
25	801187	Shock.....	4
26	502059	Capscrew, HH.....	40
27	571005	Hex Nut.....	32
28	815012	Frame, R.H. Shock Mount.....	1
29	815015	Cover, Bearing Retainer.....	1
30	815011	Frame, L.H. Shock Mount.....	1

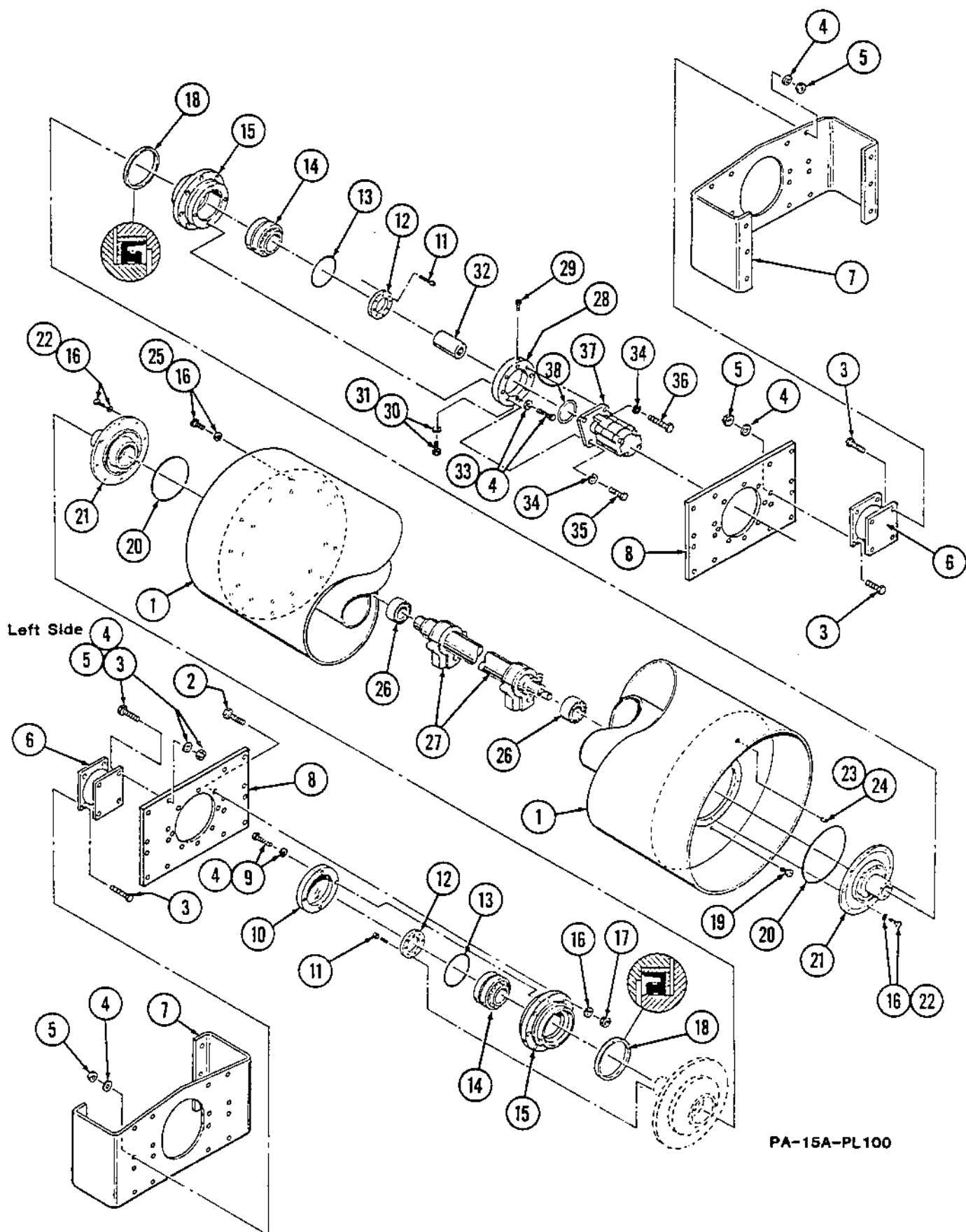
DRUM ASSEMBLY
(To S/N 1850)



CA15A, CA15R
Spare Parts Catalog



Page		Group			Illustration Number	Catalog Number	Illustration
35					PA-15A-PL100	PA-15A-PL01	Drum Assembly 15A & 15R
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15A	15R					
-	1				343917	Assembly, Asphalt Drum	From S/N 1851
-		1			343923	Assembly, Rubber Cover Drum	From S/N 1851
1	1				343919	Shell, Asphalt Drum	
-		1			343922	Shell, Rubber Covered Drum	
2	16	16			500076	Capscrew, HH	
3	64	64			500037	Capscrew, HH	
4	72	72			600009	Washer, Flat	
5	64	64			586019	Locknut	
6	8	8			336742	Absorber, Shock	
7	2	2			343894	Mount, Shock	
8	2	2			343322	Plate, Mounting	
9	4	4			500195	Capscrew, HH	
10	1	1			343461	Cover	
11	16	16			508019	Capscrew, HH	
12	2	2			343462	Clamp, Bearing	
13	2	2			160105	O-Ring	
14	2	2			116041	Bearing	
15	2	2			343318	Housing, Bearing	
16	56	56			615046	Washer, Conical Spring	
17	16	16			570008	Hex Nut	
18	2	2			167023	Seal	
19	1	1			922552	Plug, Oil Sight Level	
20	2	2			160107	O-Ring	
21	2	2			343933	Housing, Bearing	
22	16	16			500012	Capscrew, HH	
23	1	1			232247	Plug, Magnetic	
24	1	1			162017	Washer, Sealing	
25	24	24			500119	Capscrew, HH	
26	2	2			114060	Bearing, Roller	
27	1	1			343920	Assembly, Eccentric Shaft	
28	1	1			353561	Flange, Motor	
29	1	1			232041	Breather	
30	1	1			162012	Washer, Sealing	
31	1	1			232070	Plug, HH	
32	1	1			343410	Coupling, Splined	
33	4	4			500133	Capscrew, HH	
34	4	4			604009	Lockwasher	
35	2	2			500051	Capscrew, HH	
36	2	2			500193	Capscrew, HH	
37	1	1			801054	Motor Assy., Hyd. Vibration	See Pg. 81
38	1	1			813478	O-Ring	

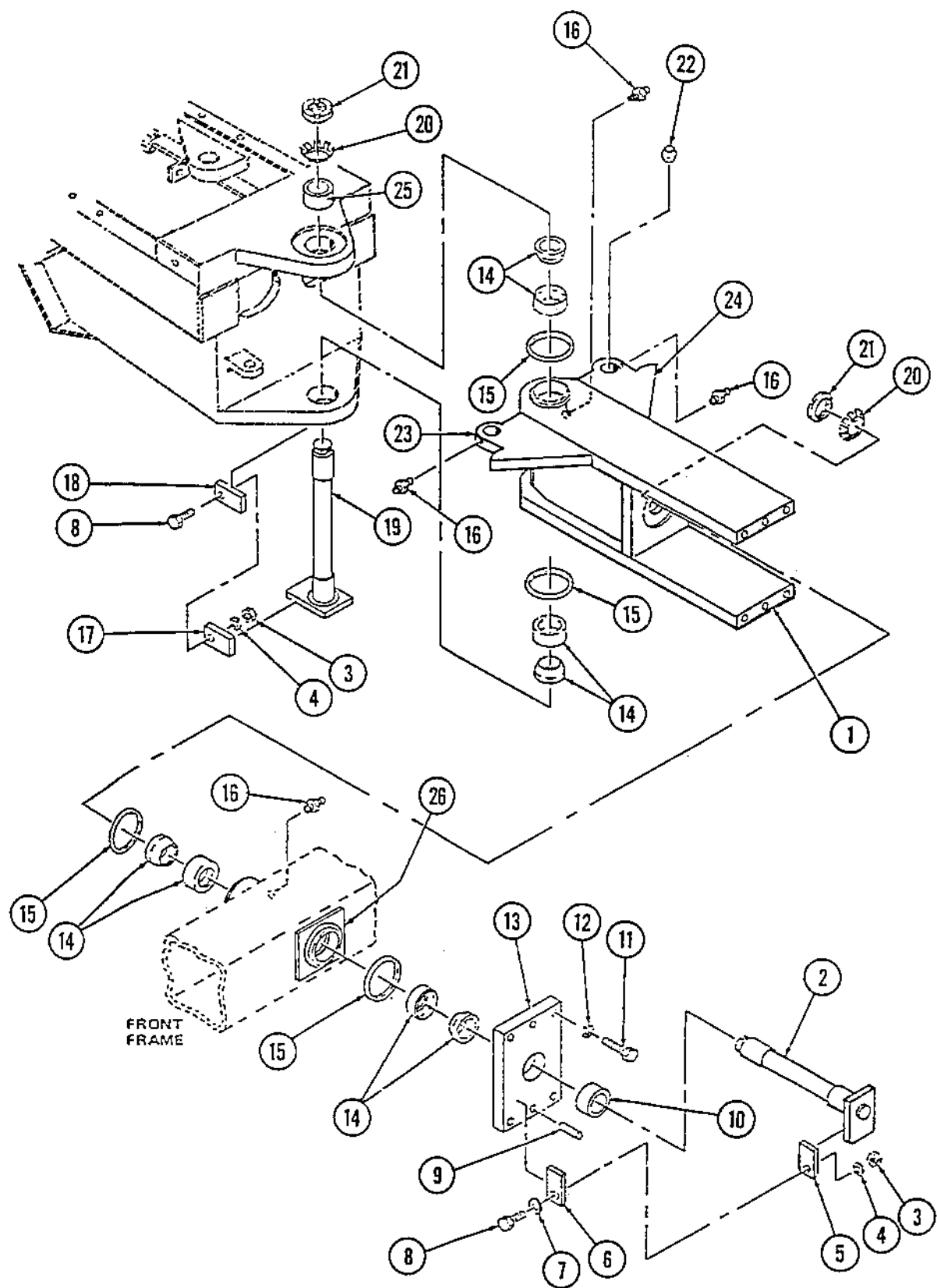


PA-15A-PL100

CA15A, CA15R
Spare Parts Catalog



Page		Group		Illustration Number		Catalog Number		Illustration	
36				PA-15A-PL105		PA-15A-PL01		Steering Hitch Assembly (TO S/N 1850)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 A								
1	1				335622	Hitch, Steering	To S/N 1423 S/N 1424 to 1850		
2	1				335625	Pin			
3	2				571005	Hex Nut			
4	2				604030	Lockwasher			
5	1				850179	Lock Plate, Steering Hitch			
6	1				850251	Lock Plate, Steering Hitch			
7	2				602017	Washer, Flat			
8	2				502060	Capscrew, HH			
9	2				923126	Pin, Dowel			
10	1				825176	Spacer			
11	4				502141	Capscrew, HH			
12	4				604034	Lockwasher			
13	1				433562201	Back Plate, Steering Hitch			
14	4				801605	Assy. Bearing			
15	4				813473	O-Ring			
16	4				310022	Fitting, Lubrication			
17	1				826026	Lock Plate, Steering Hitch			
18	1				826025	Lock Plate, Steering Hitch			
19	1				335624	Pin			
20	2				813469	Lockwasher			
21	2				813468	Locknut			
22	2				813316	Bearing			
23	1				826450	Ear, R.H.			
24	1				826451	Ear, L.H.			
25	1				335626	Spacer			
26	1				825909	Assy. Flange & Tube			
-	1				825984	Assy. Flange & Tube			

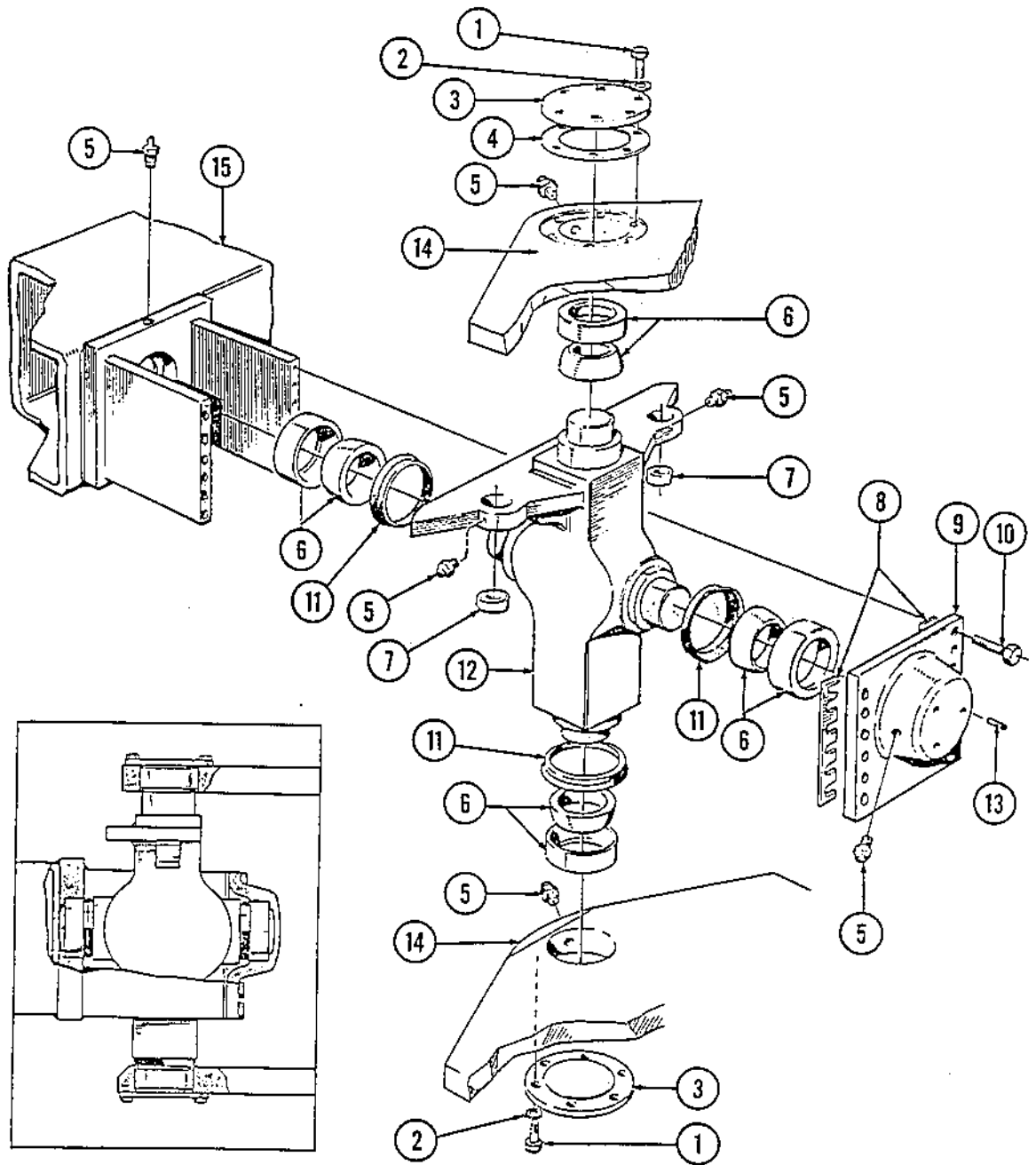


PA-15A-PL105

CA15A, CA15R
Spare Parts Catalog

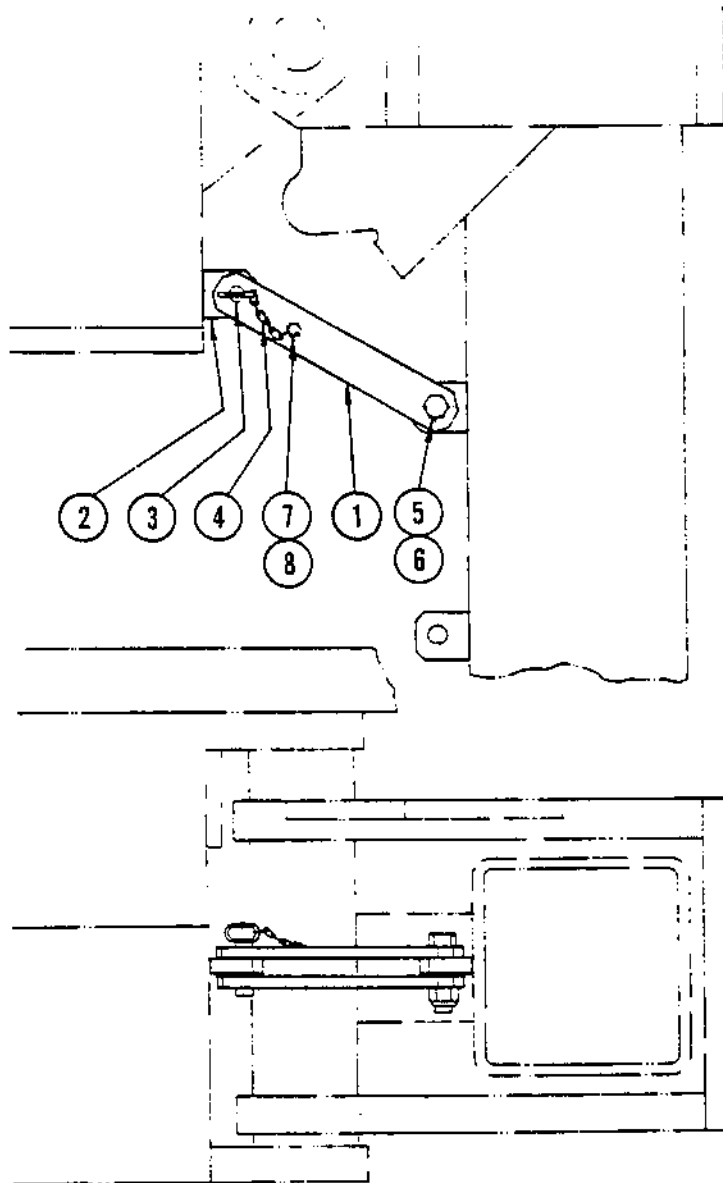


Page		Group			Illustration Number	Catalog Number	Illustration	
37					PA-15A-PL106	PA-15A-PL01	Steering Hitch (S/N 1851 & up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15							
A								
1	12				500037	Capscrew, HH		
2	12				615045	Washer, Conical Spring		
3	2				337042	Cover		
4	A/R				337045	Shim 1.0 mm		
-	A/R				345874	Shim 0.35 mm		
-	A/R				345875	Shim 0.1 mm		
5	6				310035	Fitting, Lubrication		
6	4				801605	Assembly, Bearing		
7	2				813316	Bearing		
8	A/R				345871	Shim, 1.0 mm		
-	A/R				345873	Shim 0.1 mm		
9	1				345853	Cover		
10	12				500287	Capscrew, HH		
11	3				167032	V-Ring		
12	1				343597	Link, Steering		
13	3				910995	Screw, Stop		
14	1				—	Frame, Tractor	See Pg. 28-30	
15	1				—	Frame, Drum	See Pg. 28-30	



SAFETY LOCK

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815215	Safety Lock	1
2	815256	Mounting Pad	1
3	635019	Hitch Pin Cotterless	1
4	418021	Brass Jack Chain	1
5	502124	Capscrew, HH	1
6	586050	Locknut	1
7	502031	Capscrew, HH	1
8	600007	Flat Washer	1

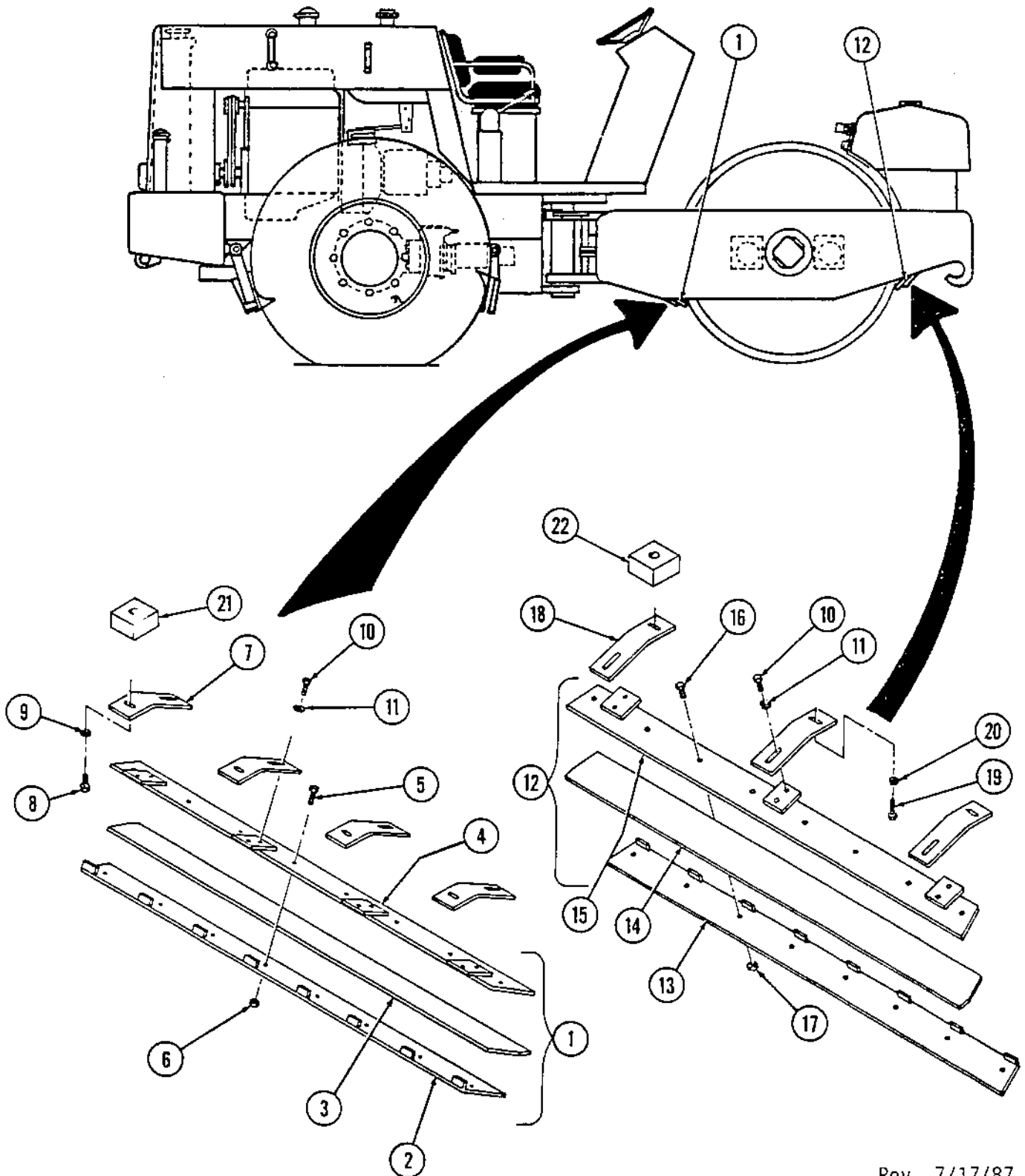


SCRAPER ASSEMBLY, DRUM

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
1	842106	Sub-Assembly, Rear Scraper.....	1
2	842167	Clamp, Scraper.....	1
3	842169	Scraper, Rubber.....	1
4	842168	Bracket, Upper Scraper.....	1
5	502062	Capscrew, HH.....	8
6	586044	Locknut.....	8
7	842166	Bracket, Scraper Mounting.....	4
8	502075	Capscrew, HH.....	4
9	615046	Lockwasher, Conical Spring.....	4
10	500193	Capscrew, HH.....	14
11	615045	Lockwasher, Conical Spring.....	14
12	842513	Sub-assembly, Front Scraper.....	1
13	842167	Clamp, Scraper.....	1
14	842169	Scraper, Rubber.....	1
15	842571	Bracket, Upper Scraper.....	1
16	502062	Capscrew, HH.....	8
17	586044	Locknut.....	8
18	842572	Bracket, Scraper Mounting.....	3
19	500057	Capscrew, HH.....	3
20	615046	Lockwasher, Conical Spring.....	3
21	815251	Spacer, Used on Earlier Machines.....	4
22	815795	Spacer, Used on Earlier Machines.....	3

Rev. 7/17/87

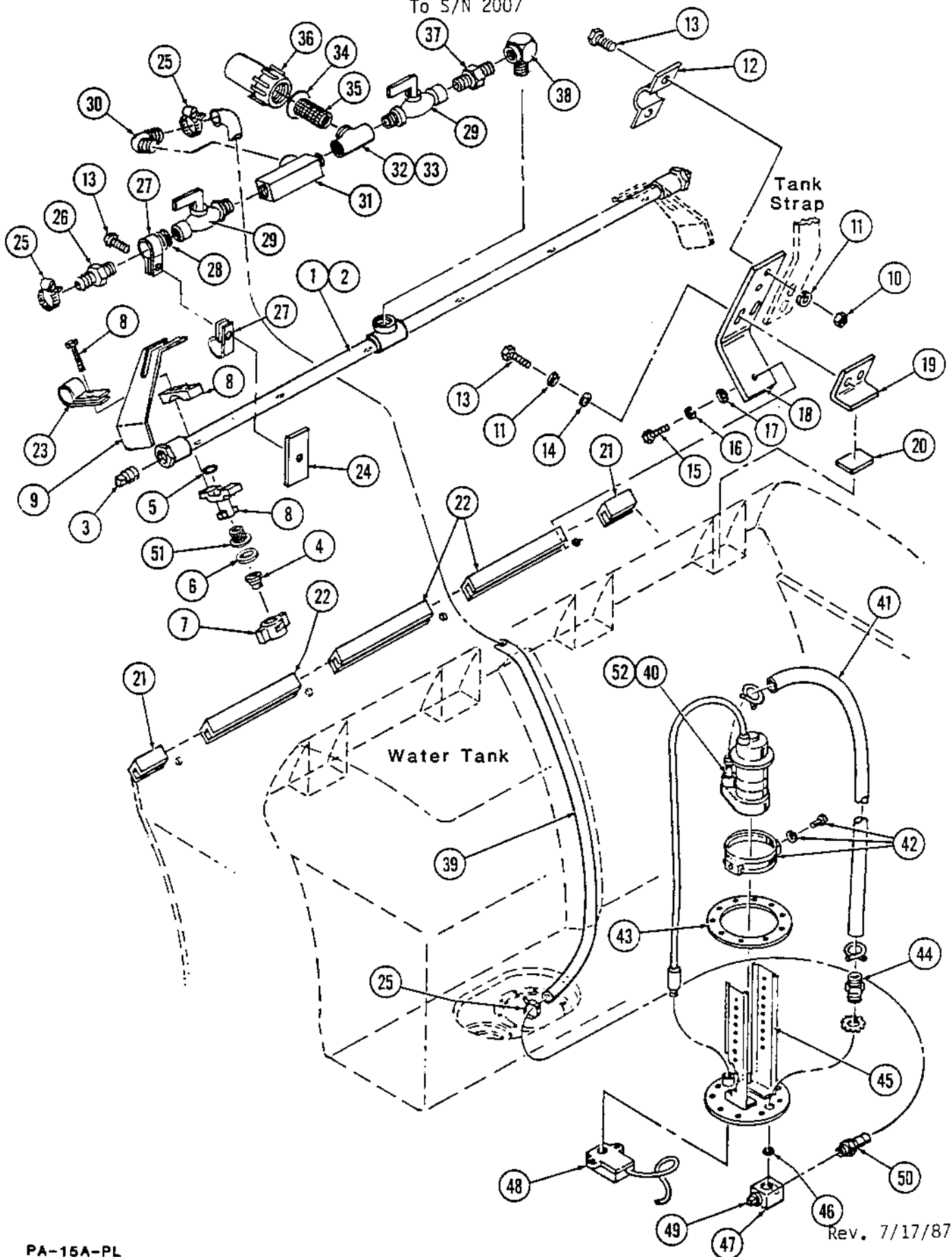
SCRAPER ASSEMBLY (DRUM)



FRONT SPRAY SYSTEM
To S/N 2007

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	843074	Assembly, Sprinkler Bar.....	1
2	843075	Bar, Sprinkler.....	1
3	813711	Plug, Sprinkler Bar.....	2
-	802467	Assembly, Spray Nozzle.....	6
4	923926	Nozzle, Spray.....	1
5	923962	O-Ring.....	1
-	923924	Assembly, Cap & Washer.....	1
6	923682	Washer, Seat.....	1
7	923681	Cap.....	1
8	NSS	Upper & Lower Clamp & Hardware, (Part of Assembly).....	A/R
9	843073	Deflector, Wind.....	2
10	571001	Hex Nut.....	8
11	604026	Lockwasher.....	16
12	813741	Clamp, Sprinkler Bar.....	4
13	502004	Capscrew, HH.....	17
14	600005	Washer, Flat.....	8
15	502035	Capscrew, HH.....	4
16	604028	Lockwasher.....	4
17	600007	Washer, Flat.....	4
18	842770	Bracket, Sprinkler Bar.....	4
19	842769	Clip, Sprinkler Bar Clamp.....	4
20	842816	Strip, Rubber.....	4
21	842790	Insulator, Rubber.....	2
22	842791	Insulator, Rubber.....	3
23	921104	Clamp.....	1
24	815828	Bracket, Sprinkler Bar.....	1
25	813728	Clamp.....	3
26	813732	Insert, Hose.....	1
27	921161	Clamp.....	2
28	801230	Strip, Rubber.....	1
29	813724	Valve.....	2
30	813725	Elbow, 90°.....	1
31	334425	Tee.....	1
32	920775	Strainer Assembly, Water.....	1
33	921422	Cap, Strainer.....	1
34	921423	Gasket.....	1
35	921424	Screen.....	1
36	921425	Bowl.....	1
37	813438	Nipple, Close.....	1
38	234365	Elbow, 90°.....	1
39	813727	Tube, Pump to Strainer (55"lg. or 139.7cm.	1
40	801993	Assembly, Water Pump.....	1
41	NSS	Tube, Discharge.....	1
42	NSS	Assembly, Clamp Ring.....	1
43	921419	Gasket, Water Pump.....	1
44	921417	Fitting, Discharge Tube.....	1
45	NSS	Bracket & Cover Plate Assembly.....	1
46	921421	Gasket, Discharge Fitting.....	1
47	921420	Fitting, Discharge.....	1
48	921418	Kit, Terminal.....	1
49	813711	Plug, Discharge Fitting.....	1
50	813732	Adapter, Pump to Strainer Tube.....	1
51	499444	Strainer, Nozzle.....	6
52	928635	Kit, Water Pump Repair.....	1

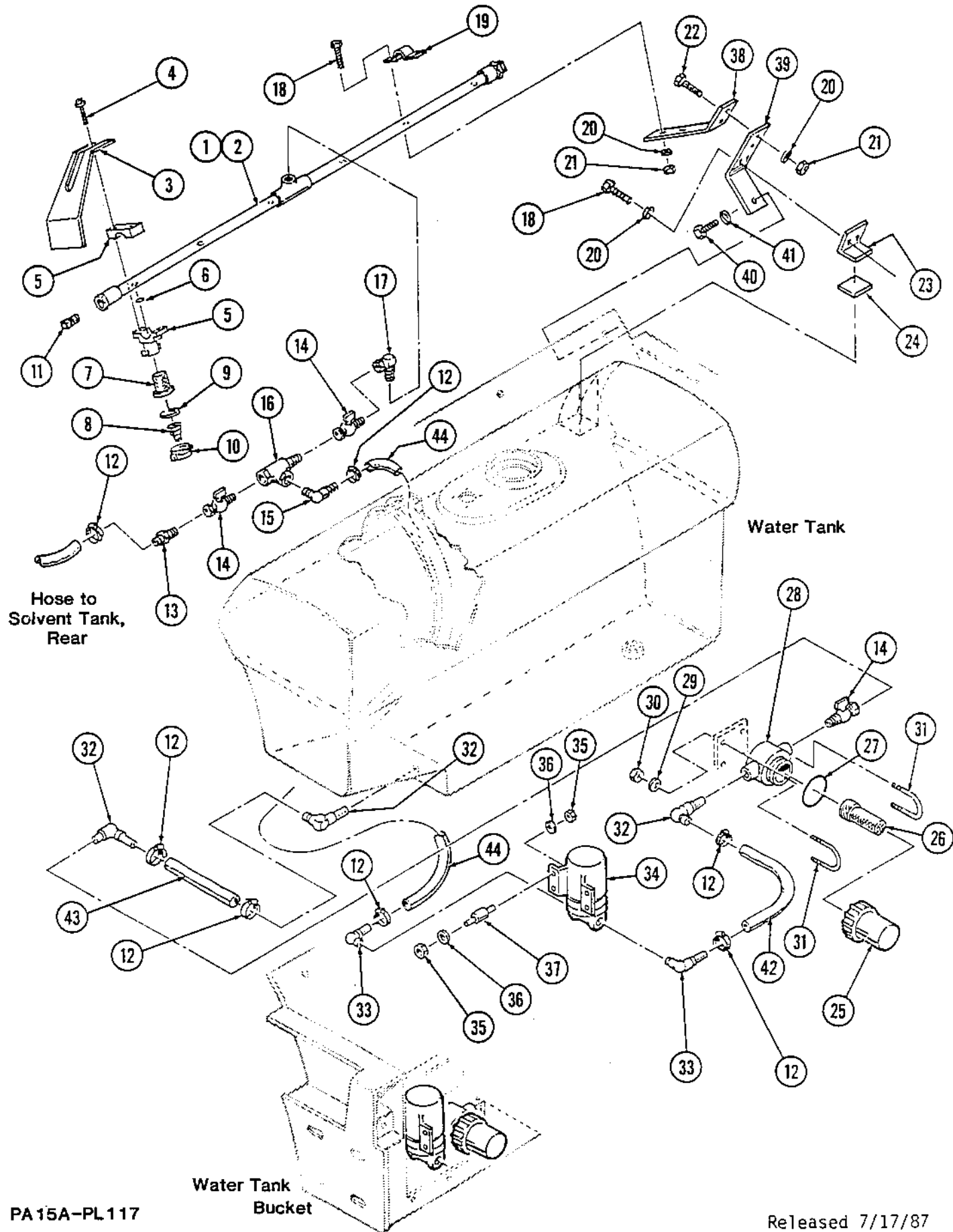
FRONT SPRAY SYSTEM
To S/N 2007



FRONT SPRAY SYSTEM
S/N 2008 & Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	843074	Assy., Sprinkler Bar.....	1
2	843075	Bar, Sprinkler.....	1
3	843073	Deflector, Wind.....	2
-	802467	Assy., Spray Nozzle.....	6
4	NSS	Screw, Self Tapping.....	2
5	NSS	Clamp, Upper & Lower.....	1
6	923962	O-Ring.....	1
7	499444	Strainer, Nozzle.....	6
8	923926	Nozzle, Spray.....	1
-	923924	Assy., Cap & Washer.....	1
9	923682	Washer, Seat.....	1
10	923681	Cap.....	1
11	813711	Plug, Sprinkler.....	2
12	313002	Clamp.....	7
13	813732	Adapter.....	1
14	924986	Valve, Ball.....	3
15	924854	Adapter, 90°.....	1
16	334425	Tee.....	1
17	234365	Elbow, 90°.....	1
18	500040	Capscrew, HH.....	16
19	813741	Clamp, Pipe.....	4
20	615042	Lockwasher.....	24
21	570004	Hex Nut.....	16
22	500186	Capscrew, HH.....	8
23	821602	Clip, Sprinkler.....	4
24	842816	Strip, Rubber.....	4
--	920775	Assy., Filter.....	1
25	921425	Bowl.....	1
26	921424	Screen.....	1
27	921423	Gasket.....	1
28	921422	Cap, Filter.....	1
--	923984	Assy., Pipe Clamp.....	2
29	NSS	Lockwasher.....	2
30	NSS	Hex Nut.....	2
31	NSS	U-Bolt.....	1
32	924996	Adapter, Elbow.....	3
33	923734	Adapter, Elbow.....	2
34	923690	Pump, Water, See page 46D.....	1
35	586002	Locknut.....	8
36	600004	Washer, Flat.....	8
37	450072	Shock Absorber.....	4
38	842770	Bracket, Sprinkler.....	4
39	843072	Bracket, Sprinkler.....	4
40	500028	Capscrew, HH.....	4
41	615044	Lockwasher.....	4
42	244054	Hose, (1/2" x 7 7/8" or 200mm lg).....	1
43	244054	Hose, (1/2" x 4" or 100mm lg).....	1
44	244054	Hose, (1/2" x 55 1/8" or 1400mm lg).....	1

FRONT SPRAY SYSTEM, S/N 2008 and Up



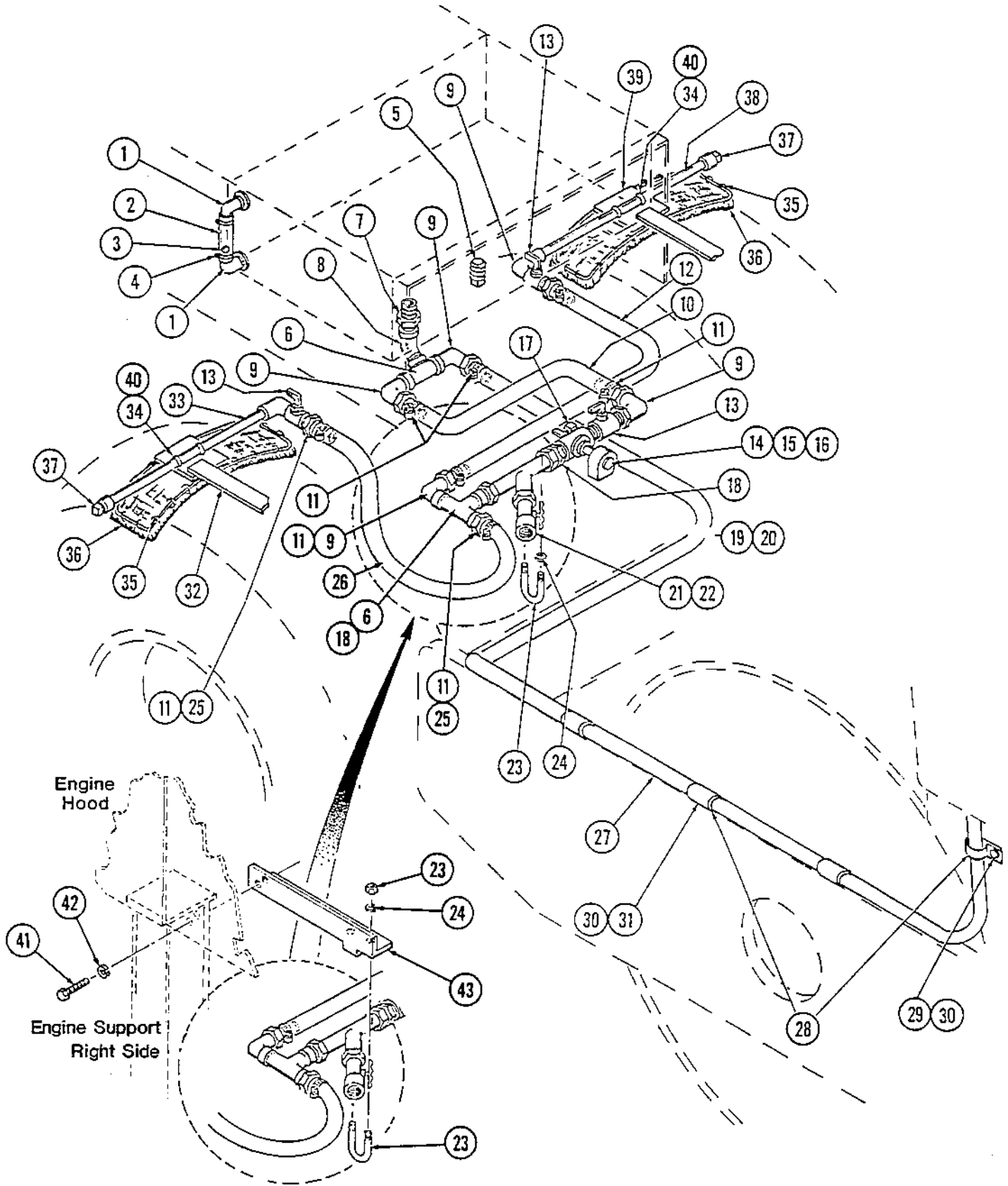
PA15A-PL117

REAR SPRAY & WETTING SYSTEM

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	813733	Elbow, 90° Hose Insert.....	2
2	244041	Tube, Solvent Level (5 1/4" Lq. or 13.4 cm)	1
3	801452	Ball, Solvent Level Indicator.....	1
4	801226	Clamp.....	2
5	813711	Plug, Tank Drain.....	1
6	813439	Tee.....	2
7	813438	Nipple.....	1
8	234318	Elbow, 45°.....	1
9	813725	Elbow, 90° Insert.....	5
10	813727	Hose, 5/8" Clear (13" Lq. or 33 cm)....	1
11	813728	Clamp.....	7
12	813727	Hose, 5/8" Clear (34 1/2" Lg. or 87.6 cm).	1
13	813724	Valve, Shut-Off.....	3
14	821382	Assembly, Solenoid Valve.....	1
15	892376	Coil, Solenoid.....	1
16	892124	Kit, Rebuild (Less Coil).....	1
17	333104	Pet Cock, Drain.....	1
18	813730	Nipple, Hex.....	2
19	842130	Strainer, Wetting System.....	1
20	891069	Screen, Strainer.....	1
21	813783	Nipple, Close.....	1
22	233076	Valve, Ball.....	1
23	813485	U-Bolt.....	1
24	604028	Lockwasher.....	2
25	813732	Insert, Hose.....	2
26	813727	Hose, 5/8" Clear (18" Lq. or 45.7 cm)....	1
27	813727	Hose, 5/8" Clear (200" Lg. or 508 cm)....	1
28	813414	Clamp, Hose.....	6
29	502002	Capscrew, HH.....	1
30	604026	Lockwasher.....	4
31	571001	Hex Nut.....	4
32	815116	Frame, R.H. Cocoa Mat (To S/N 2079).....	1
--	815519	Frame, R.H. Cocoa Mat (From S/N 2080)....	1
33	815177	Tube, Water, R.H.....	1
34	550040	U-Bolt.....	4
35	813708	Ring, Hog, 16 per Mat.....	32
36	499400	Mat, Cocoa.....	2
37	813711	Plug, Drain.....	2
38	825592	Tube, Water, L.H.....	1
39	815117	Frame, L.H. Cocoa Mat, (To S/N 2079)....	1
--	815518	Frame, L.H. Cocoa Mat, (From S/N 2080)...	1
40	604026	Lockwasher.....	4
41	502033	Capscrew, HH.....	2
42	604028	Lockwasher.....	2
43	816004	Bracket, Strainer.....	1

Revised 7/17/87

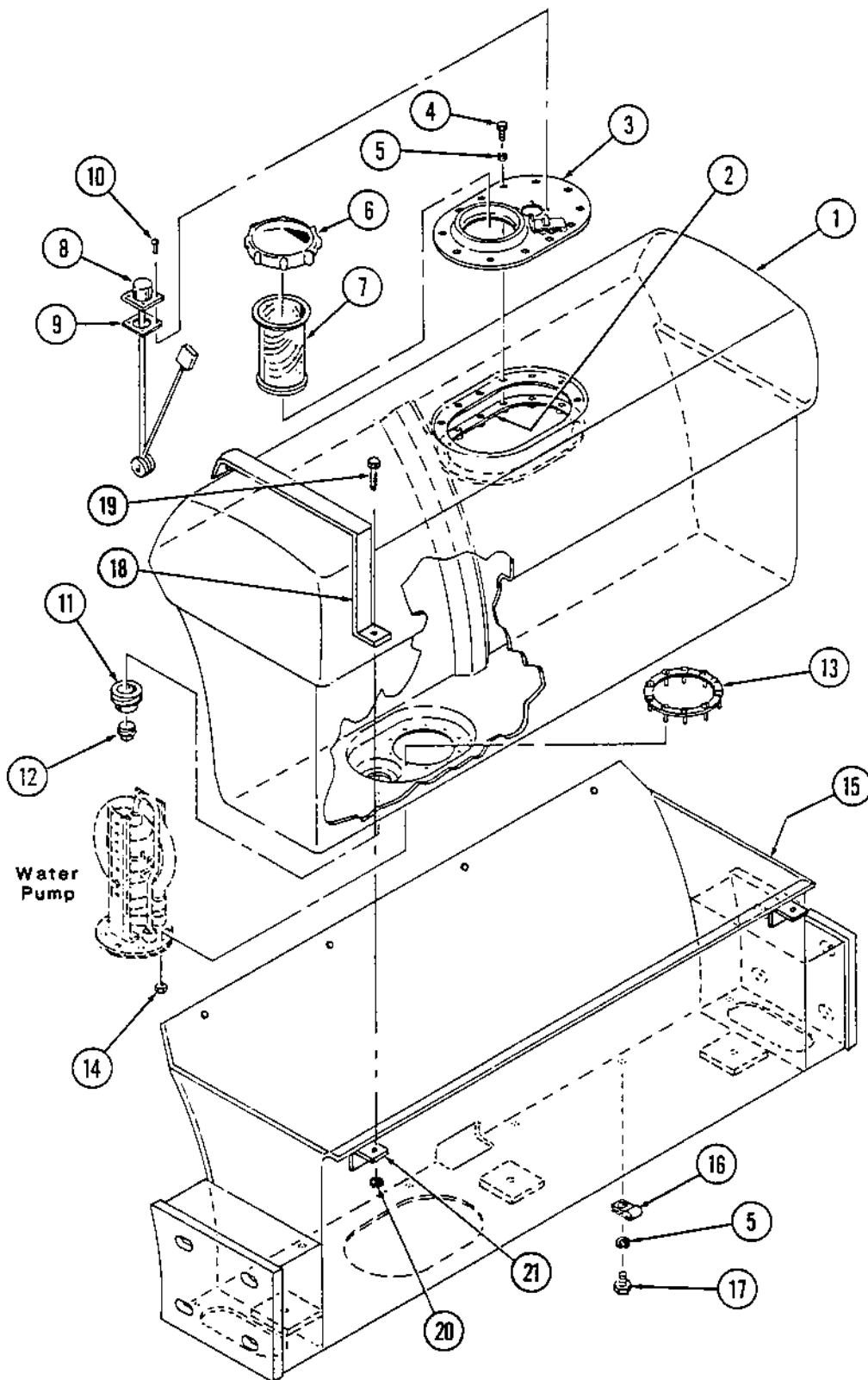
REAR SPRAY & WETTING SYSTEM



FRONT TANK ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	842579	Tank, Water.....	1
2	842759	Ring, Cover.....	1
3	842580	Cover, Water Tank.....	1
4	502291	Capscrew, HH.....	12
5	604026	Lockwasher.....	14
6	333228	Cap, Water Tank Cover.....	1
7	843253	Filter, Water Tank.....	1
-	801998	Assembly, Water Level Gauge.....	1
8	923652	Chamber, Dial.....	1
9	921427	Gasket, Water Gauge.....	1
10	NSS	Screw, Tri-Driv.....	4
11	234780	Fitting, Bulkhead.....	1
12	801653	Plug.....	1
13	842747	Ring, Pump.....	1
14	586040	Locknut.....	10
15	842600	Bucket, Water Tank....	1
16	813313	Clamp.....	2
17	517011	Capscrew.....	2
18	815829	Strap, Water Tank.....	2
19	502024	Capscrew, HH.....	2
20	586041	Nut, Elastic Stop.....	2
21	815853	Bracket, Tank Strap.....	2

FRONT TANK ASSEMBLY



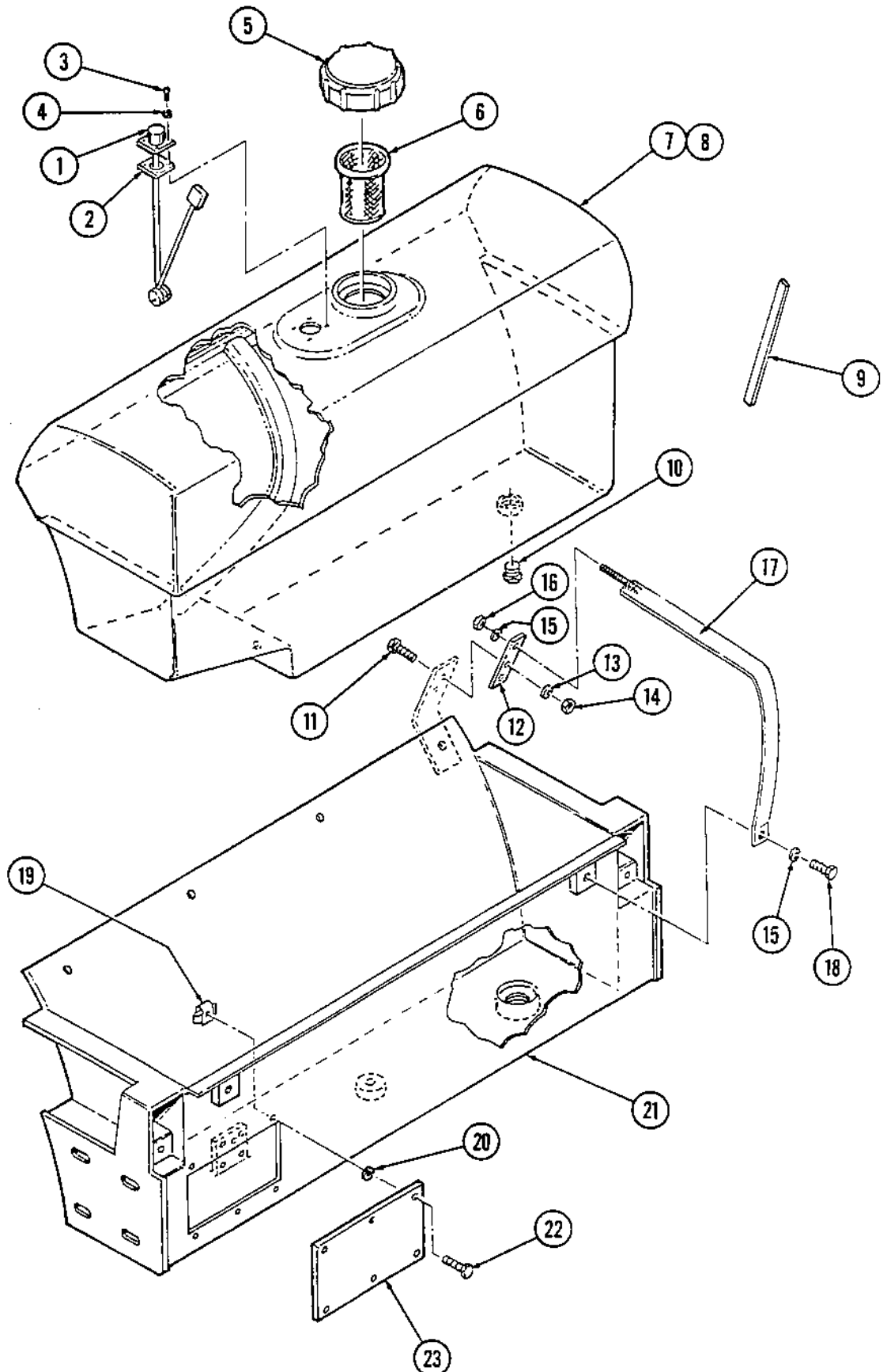
FRONT WATER TANK ASSEMBLY
(S/N 2008 & Up)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
-	801998	Assembly, Water Level Gauge.....	1
1	923652	Chamber, Dial.....	1
2	921427	Gasket, Water Gauge.....	1
3	533038	Capscrew, HH.....	4
4	615042	Lockwasher.....	4
5	333228	Cap, Water Tank Cover.....	1
6	842664	Strainer.....	1
7	348106	Water Tank, Yellow.....	1
8	348436	Water Tank, Black.....	1
9	802662	Welding Rod, Plastic, Tank Repr. Yellow, A/R	
10	928012	Plug.....	1
11	500186	Capscrew, HH.....	4
12	815974	Bracket, Strap.....	2
13	615042	Lockwasher.....	4
14	570004	Hex Nut.....	4
15	615043	Lockwasher.....	4
16	570005	Hex Nut.....	2
17	346256	Strap, Water Tank.....	2
18	500053	Capscrew, HH.....	2
19	926990	Spring, Hold Down.....	6
20	925239	Lockwasher.....	6
21	348107	Bucket, Water Tank.....	1
22	927018	Knob.....	6
23	347694	Cover.....	1

Released 7/17/87

Page 46A

FRONT WATER TANK ASSEMBLY, S/N 2008 & Up



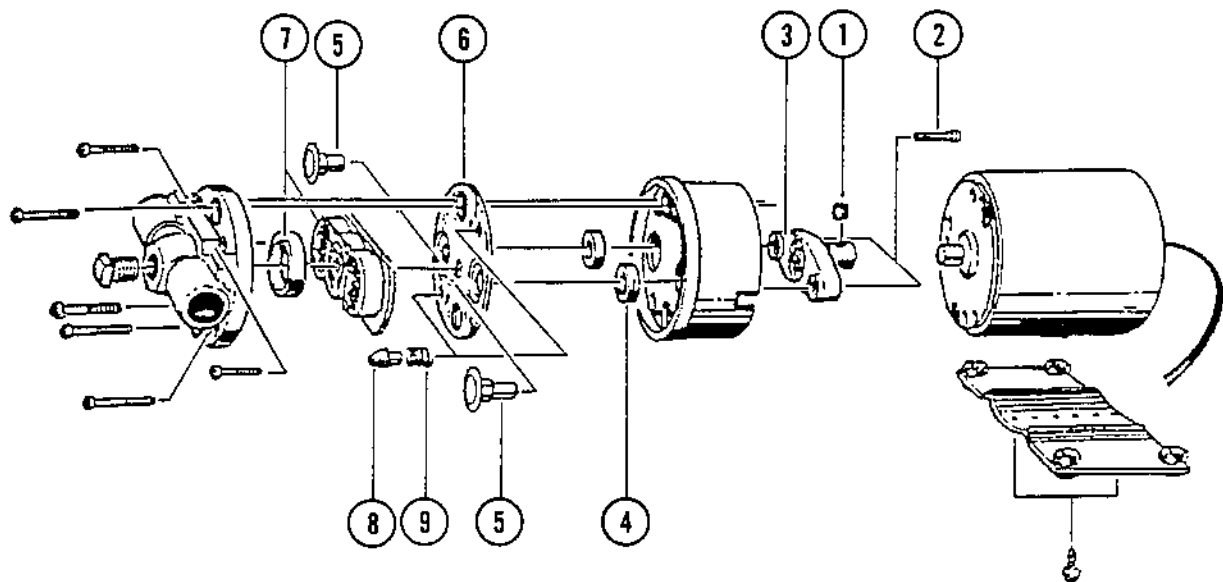
WATER PUMP, FLOJET
S/N 2008 & Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
-	923690	Assembly, Water Pump.....	1
-	928649	Kit, Pump Service.....	1
1	NSS	Screw, Set.....	1
2	NSS	Capscrew, HH.....	2
3	NSS	Assembly, Cam.....	1
4	NSS	Bearing.....	2
5	NSS	Piston, Set.....	1
6	NSS	Diaphragm.....	1
7	NSS	Valve, Check.....	1
8	NSS	Poppet, Bypass.....	2
9	NSS	Spring, Bypass.....	2

Rev. 7/17/87

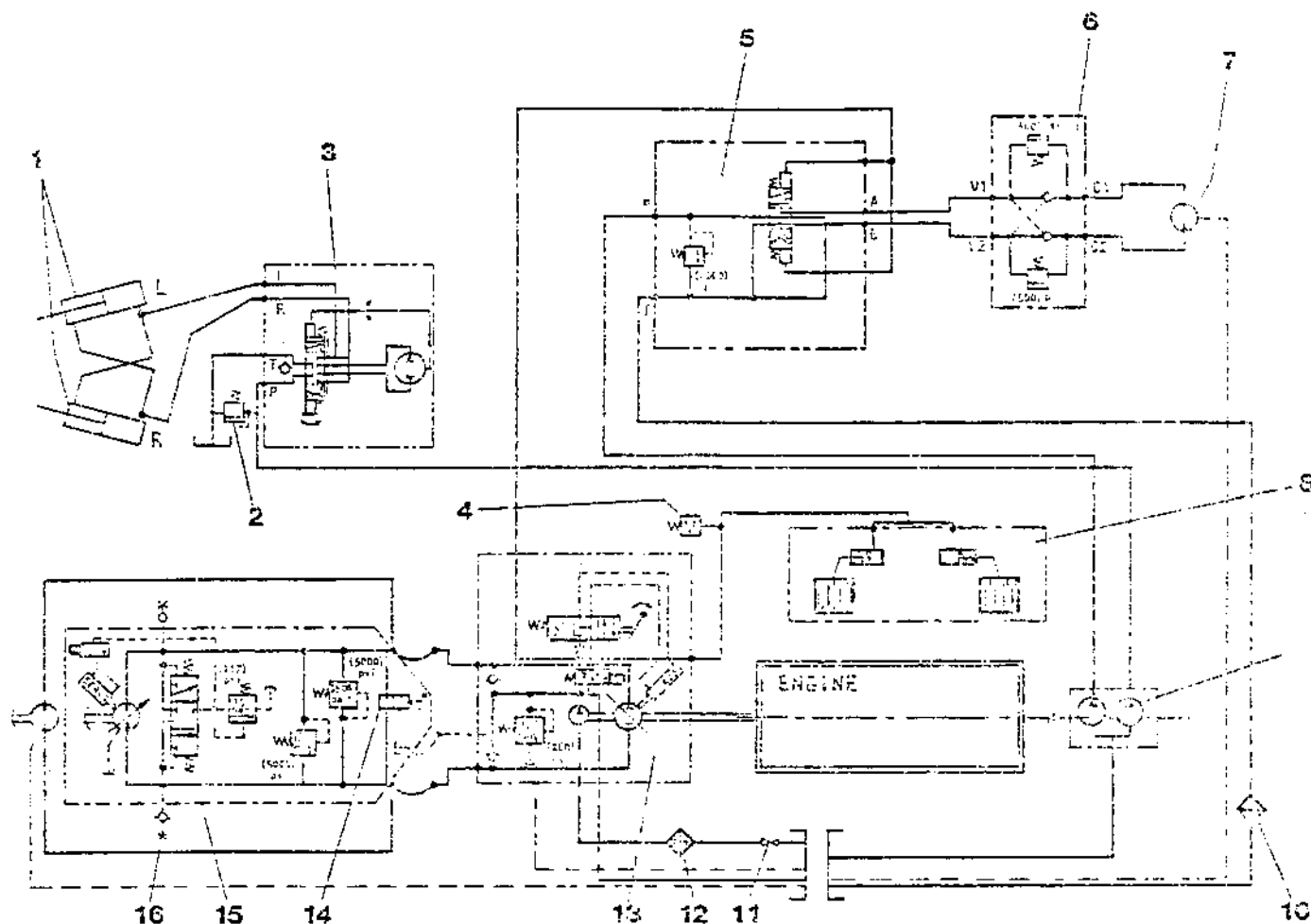
Page 46C

WATER PUMP, FLOJET
S/N 2008 & Up



Released 7/17/87

Page 46D



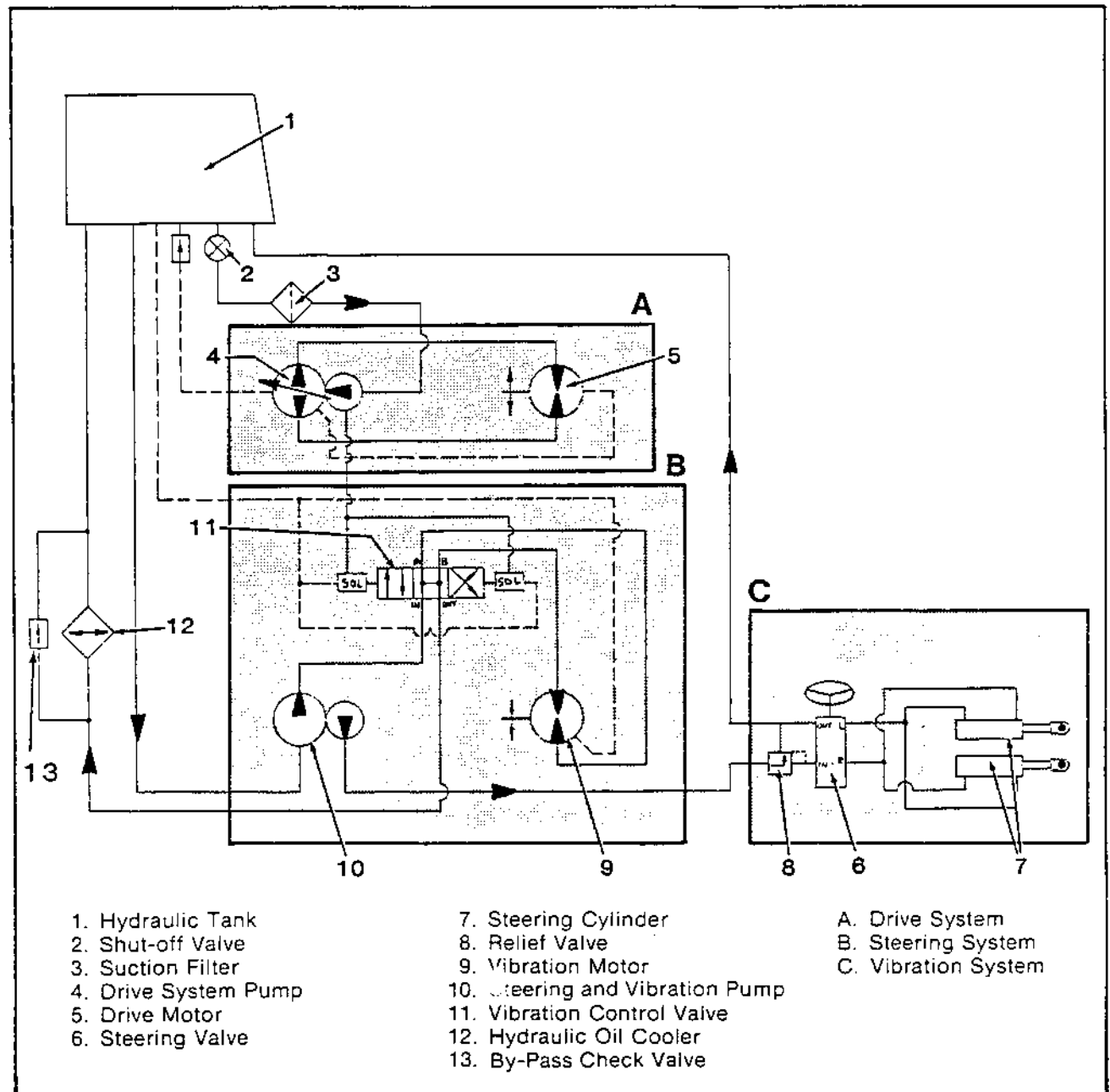
Hydraulic System, CA 15A, CA 15AR
(S/N 2000 and Up)

- | | |
|---------------------------------|---------------------------------------|
| 1 Steering Cylinders | 9 Duplex Pump, Steering and Vibration |
| 2 Relief Valve, steering system | 10 Hydraulic Oil Cooler |
| 3 Steering Valve | 11 Shut-off Valve |
| 4 Brake Pressure Switch | 12 Suction Filter, Charge circuit |
| 5 Vibration Control Valve | 13 Traction Pump |
| 6 Quick-stop Valve | 14 Bypass Valve |
| 7 Vibration Motor | 15 Traction Motor, Axle |
| 8 Failsafe Brakes | 16 Pressure Measurement Test Port |

Hydraulic Systems

The roller hydraulic system can be divided into three systems:

- Drive System
- Steering System
- Vibration System



HYDRAULIC SYSTEM
(TRACTION)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815038	Reservoir, Hyd. Oil.....	1
2	813738	Nipple, Hex.....	1
3	813451	Valve, Gate.....	1
4	234395	Elbow, 90°.....	1
5	813449	Bushing, Hex.....	2
6	335554	Assy., Hydraulic Filter (See page 56).....	1
7	334157	Connector.....	1
8	81508910	Assy., Hyd. Hose, Filter to Pump.....	1
9	814250	Valve, Check.....	1
10	334127	Connector.....	1
11	81508907	Assy., Hyd. Hose, Pump to Reservoir.....	1
12	232097	Kit, Flange.....	4
13	813429	O-Ring.....	1
14	234131	Elbow, 45°.....	1
15	801051	Pump Assembly, Traction (See page 70).....	1
16	85021601	Elbow, 90°.....	2
17	81508909	Assy., Hyd.Hose, Pump to Axle Motor L.S.....	1
18	81508908	Assy., Hyd.Hose, Pump to Axle Motor R.S.....	1
19	81508911	Assy., Hyd.Hose, Axle Motor to Pump.....	1
20	335557	Motor Assembly, Drive Axle (See pane 75).....	1
21	989078	Sender, Hyd. Oil Temperature.....	1
22	850216	Adapter, Oil Temp. Sender.....	1

The diagram illustrates a hydraulic system for a vehicle suspension. At the top, a rectangular **Reservoir** is connected to a pump assembly (15) on the left. A line (11) leads from the reservoir to a central valve assembly (5, 6, 7). This valve assembly is connected to two actuators (12, 13) at the bottom, which are part of a suspension linkage (17, 18, 19). The system includes various fittings (2, 3, 4, 9, 10) and a return line (20) leading back to the reservoir. A callout **See Detail A** points to a specific component on the left actuator.



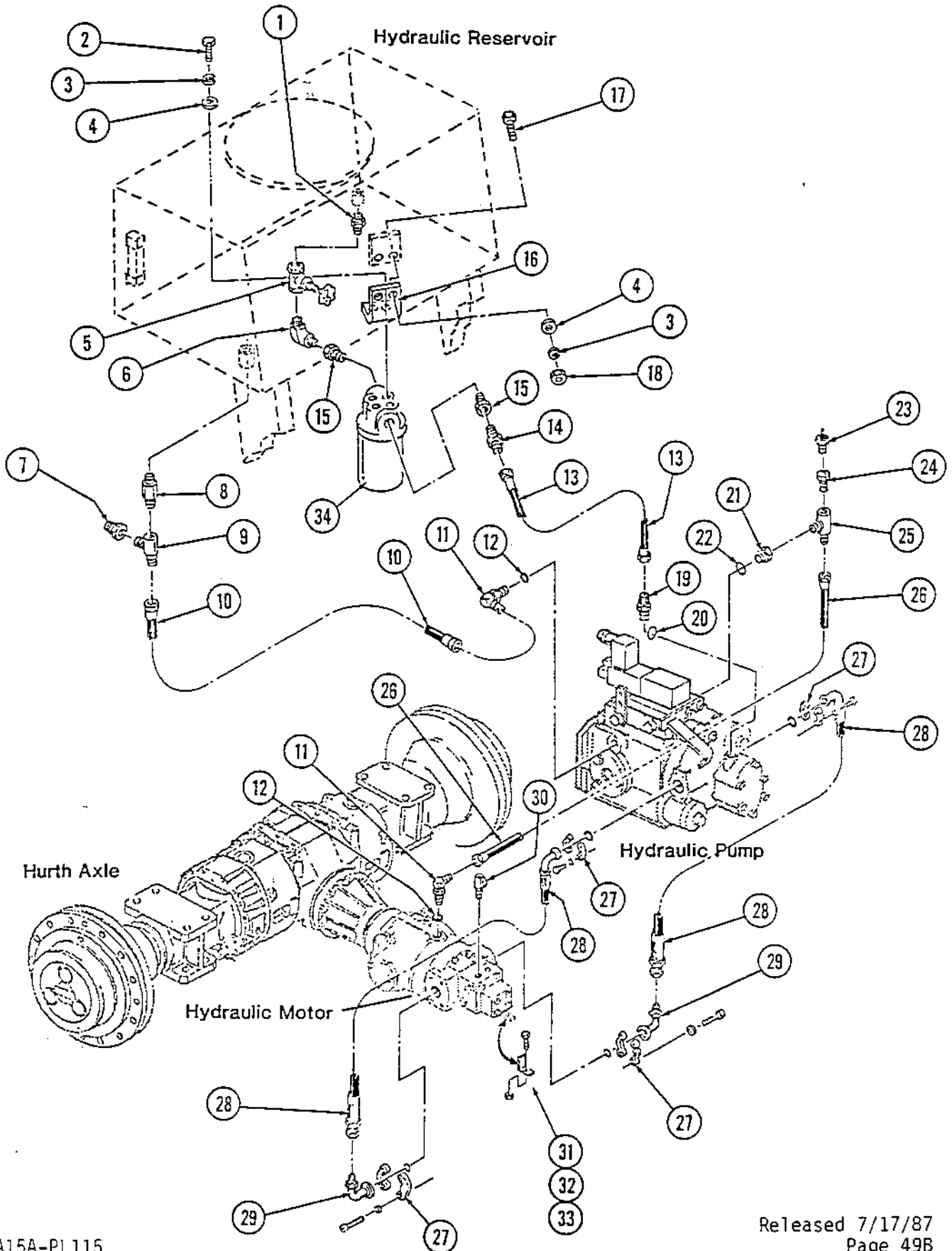
TRACTION SYSTEM
S/N 2080 & Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	813738	Adapter.....	1
2	502018	Capscrew,HH.....	2
3	604027	Lockwasher.....	4
4	600006	Washer, Flat.....	4
5	813451	Valve, Gate.....	1
6	234395	Elbow, 90°.....	1
7	234667	Adapter, Reducing	1
8	814250	Valve, Check.....	1
9	923196	Adapter, Tee.....	1
10	482182	Hose Assy., Pump to Tank Return.....	1
11	334604	Adapter, 90°.....	2
12	160144	O-Ring.....	1
13	815649	Hose Assy., Hyd. Filter to Pump	1
14	334157	Adapter	1
15	813449	Adapter	2
16	825265	Bracket, Filter.....	1
17	502016	Capscrew, HH.....	2
18	571002	Hex Nut	2
19	334158	Adapter	1
20	160144	O-Ring.....	1
21	892276	Adapter	1
22	160144	O-Ring.....	1
23	989078	Sender, Hydraulic Oil Temperature.....	1
24	813434	Bushing	1
25	900457	Adapter, Tee.....	1
26	482318	Hose Assy., Motor to Pump Return.....	1
27	332073	Kit, Flange	4
-	502036	Capscrew, HH	4
-	604006	Lockwasher	4
-	813429	O-Ring	1
28	482058	Hose Assy., Pump to Axle Motor.....	2
29	234855	Adapter, 90°.....	2
30	910162	Nipple, Measuring	2
31	500040	Capscrew, HH	1
32	338895	Bar, Angle.....	1
33	586002	Locknut	1
34	337528	Filter Assembly, Hydraulic (See Pg. 108).	1

Released 7/17/87

Page 49A

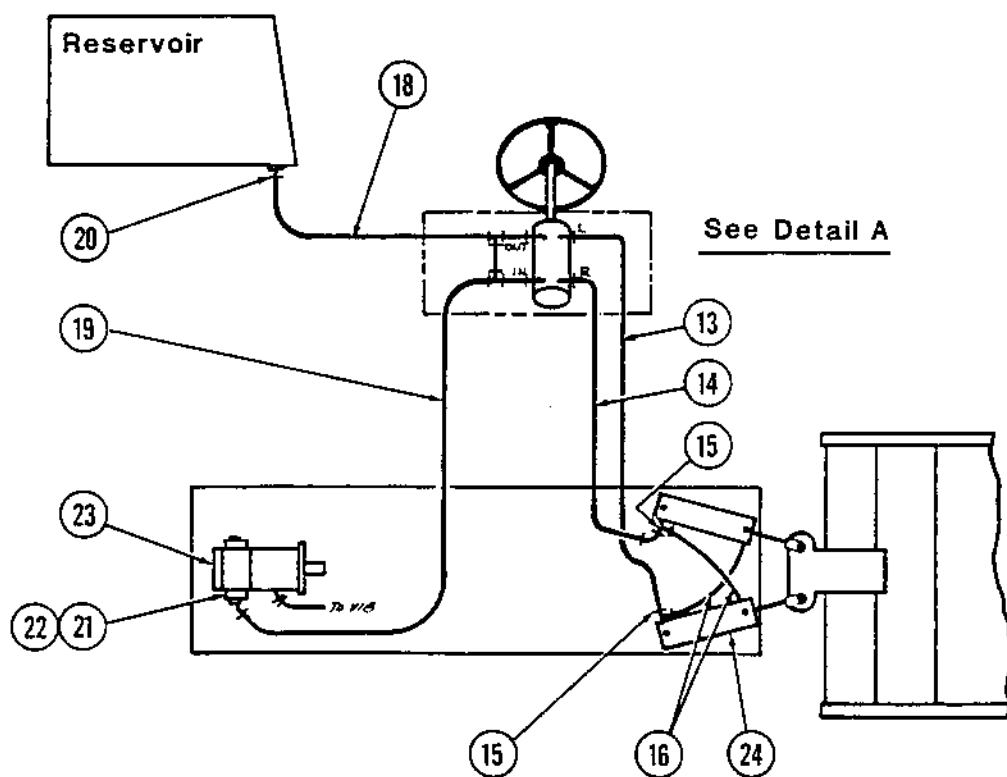
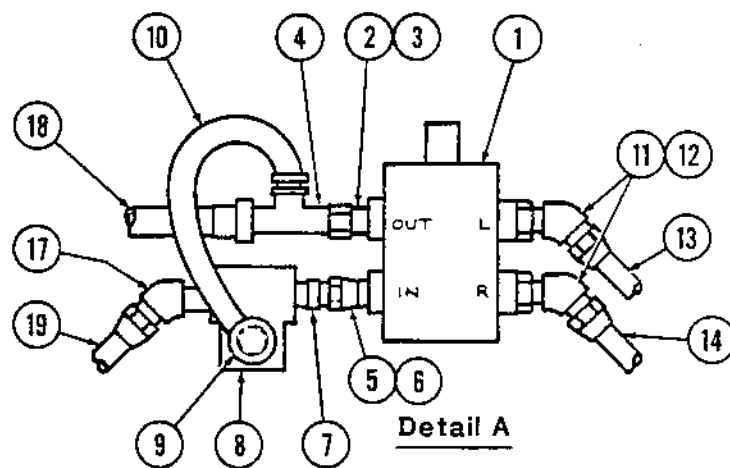
TRACTION SYSTEM
S/N 2080 & UP



STEERING SYSTEM

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	335567	Valve, Steering (See page 107).....	1
2	334134	Adapter.....	1
3	160146	O-Ring.....	1
4	334135	Tee.....	1
5	813437	Adapter.....	1
6	160146	O-Ring.....	1
7	813438	Adapter, Hex Nipple.....	1
8	480202	Valve, Relief (1500 PSI or 10340 kPa)...	1
9	813435	Adapter.....	1
10	482167	Assembly, Hydraulic Hose.....	1
11	813500	Adapter.....	2
12	160146	O-Ring.....	1
13	81508904	Assy., Hyd. Hose, Valve to Cylinder.....	1
14	81508905	Assy., Hyd. Hose, Valve to Cylinder.....	1
15	334070	Tee.....	2
16	81508906	Assy., Hyd. Hose, Cylinder to Cylinder..	2
17	813445	Elbow, 45°.....	1
18	81508902	Assy., Hyd. Hose, Valve to Reservoir....	1
19	81508903	Assy., Hyd. Hose, Pump to Valve.....	1
20	334205	Connector.....	1
21	232066	Kit, Flange.....	1
22	813443	O-Ring.....	1
23	801699	Pump Assy., Vibration & Steering (pg79).	1
24	335560	Cylinder Assy., Steering (See pg 83)... 2	2

HYDRAULIC SYSTEM (STEERING)

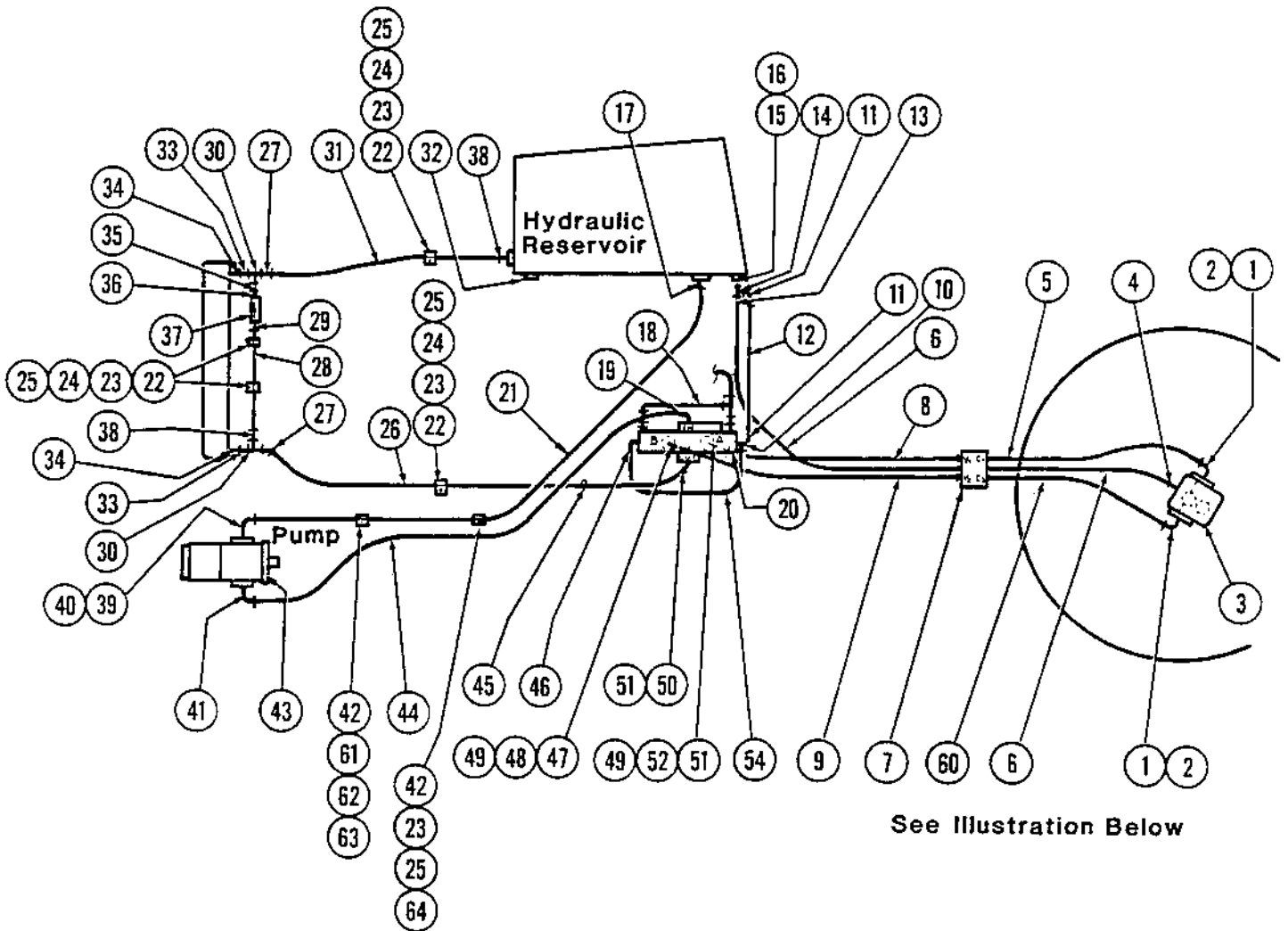


HYDRAULIC SYSTEM
(VIBRATION)

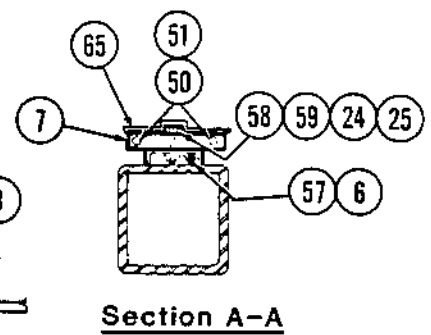
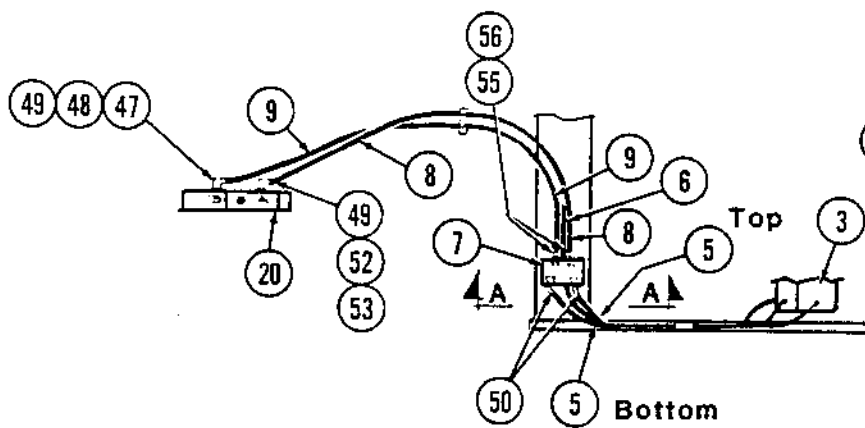
INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	332073	Kit, Flange.....	2
2	813429	O-Ring.....	1
3	801054	Motor Assembly, Vibration (See page 81).....	1
4	234327	Elbow, 45°.....	1
5	81508953	Hose Assembly, Stop Valve to Motor (See Note)	2
6	81508927	Hose Assembly, Motor to Reservoir.....	1
7	801453	Assembly, Quick Stop Valve (See page 57).....	1
8	81508951	Hose Assy., Vib. Control Valve to Stop Valve.....	1
9	81508952	Hose Assy., Vib. Control Valve to Stop Valve.....	1
10	234336	Tee.....	1
11	234322	Elbow, 90°.....	2
12	81508928	Hose Assy., Reservoir to Vib. Control Valve.....	1
13	234327	Elbow, 45°.....	1
14	234320	Tee.....	1
15	234316	Nipple, Hex.....	1
16	334207	Bushing.....	1
17	334126	Connector.....	1
18	815237	Assy., Vibration Pilot Valve Circuit (See page 58). 1	
19	813499	Elbow, 90°.....	1
20	337510	Assy., Vibration Control Valve (See page 59).....	1
21	81508919	Hose Assembly, Reservoir to Pump.....	1
22	921102	Clamp, Support.....	4
23	801459	Capscrew, HH.....	3
24	604028	Lockwasher.....	5
25	571003	Hex Nut.....	4
26	81508929	Hose Assy., Vib. Control Valve to Cooler.....	1
27	234277	Elbow, 45°.....	3
28	81508931	Hose Assy., Tee to Check Valve.....	1
29	334157	Connector.....	1
30	234319	Tee.....	2

NOTE: Use a Quantity of 2 Hoses to S/N 1850, from S/N 1851 and Up, See Item 60.

HYDRAULIC SYSTEM (VIBRATION)



See Illustration Below

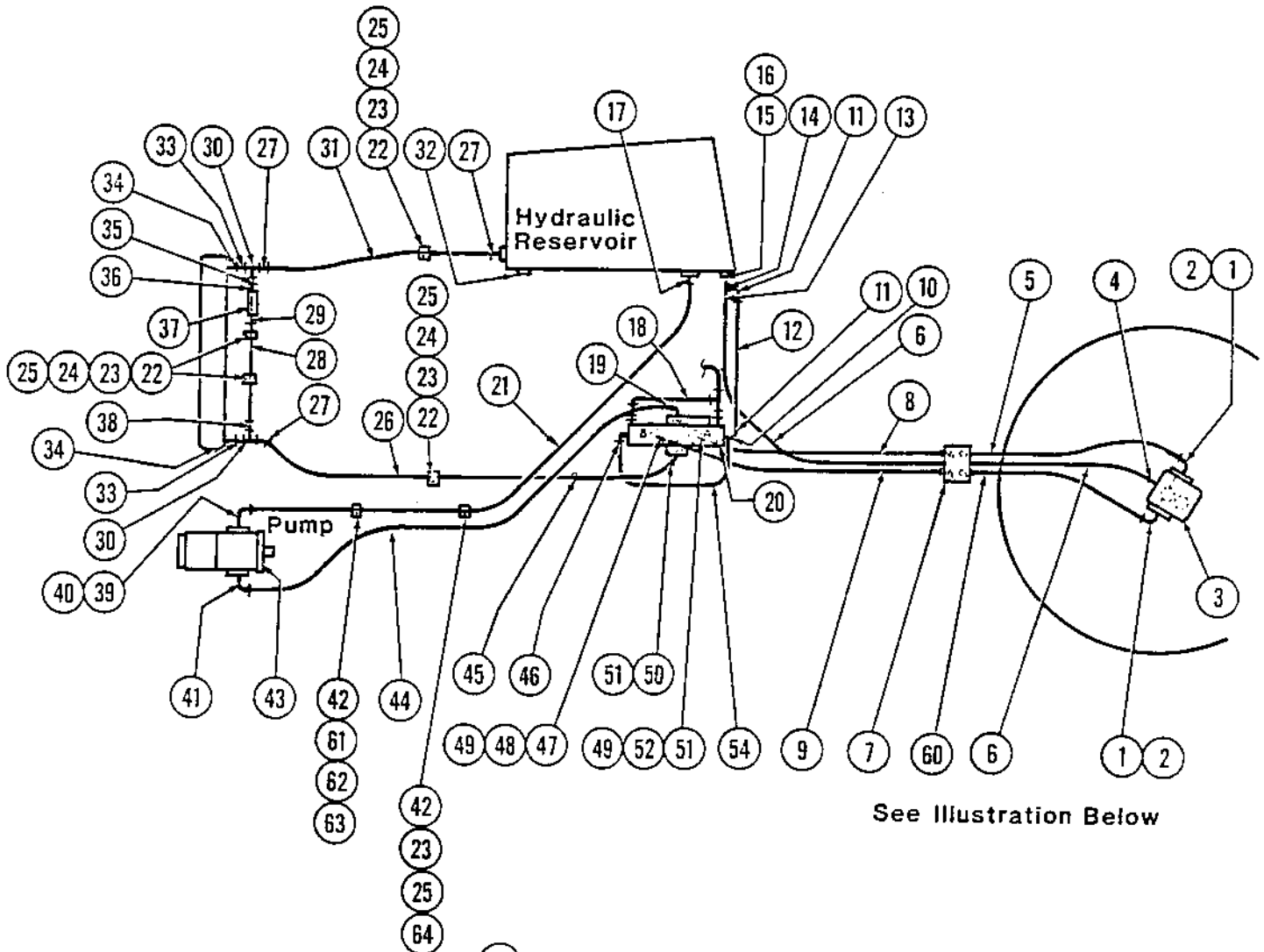


Rev. 7/17/87

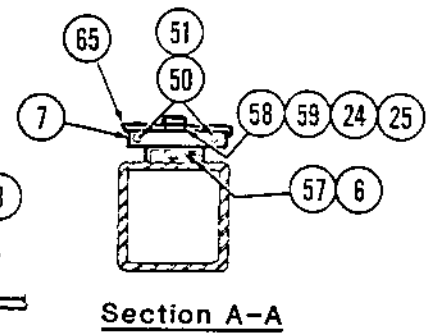
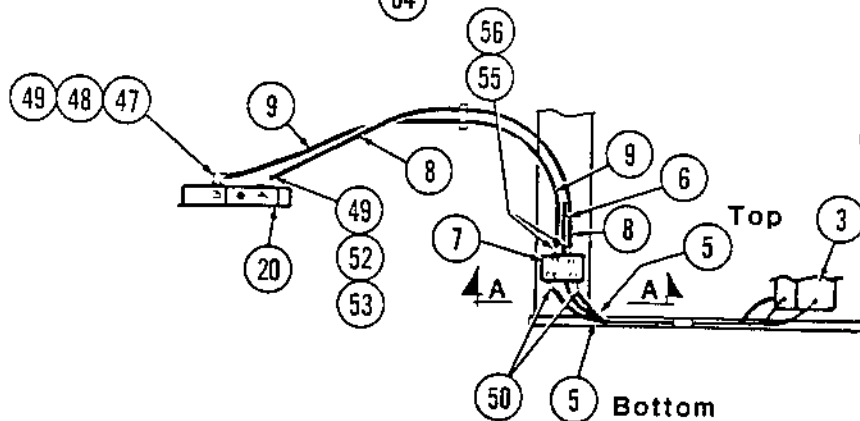
HYDRAULIC SYSTEM (VIBRATION)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
31	81508924	Hose Assy., Cooler to Reservoir.....	1
32	801503	Plug, Magnetic.....	1
33	234325	Nipple.....	2
34	234331	Union, Female.....	2
35	334287	Bushing.....	1
36	813738	Nipple, Hex.....	1
37	233085	Valve, Check.....	1
38	813428	Connector.....	1
39	332065	Kit, Flange.....	1
40	160191	O-Ring.....	1
41	234329	Elbow, 45°.....	1
42	921108	Clamp, Support.....	2
43	801699	Pump Assy., Vibration & Steering (See page 79).....	1
44	81508930	Hose Assy., Pump to Vibration Control Valve.....	1
45	813348	Grommet.....	1
46	234335	Elbow, 90°.....	1
47	815146	Elbow, 90°.....	1
48	160153	O-Ring.....	1
49	232124	Plug, Square Hd.....	2
50	334132	Elbow, 45°.....	3
51	160153	O-Ring.....	1
52	815147	Elbow, 90°.....	1
53	160153	O-Ring.....	1
54	570201	Tubing, Copper 16.5" lg. or 42 cm.....	1
55	334138	Connector.....	2
56	160153	O-Ring.....	1
57	801583	Clamp.....	1
58	502043	Capscrew, HH.....	2
59	600007	Washer, Flat.....	2
60	842826	Hose Assembly, Stop Valve to Motor(S/N 1851 & Up)....	1
61	571002	Hex Nut.....	2
62	604027	Lockwasher.....	2
63	600006	Washer, Flat.....	1
64	503037	Capscrew, HH.....	1
65	815832	Plate, Step.....	1

HYDRAULIC SYSTEM (VIBRATION)



See Illustration Below



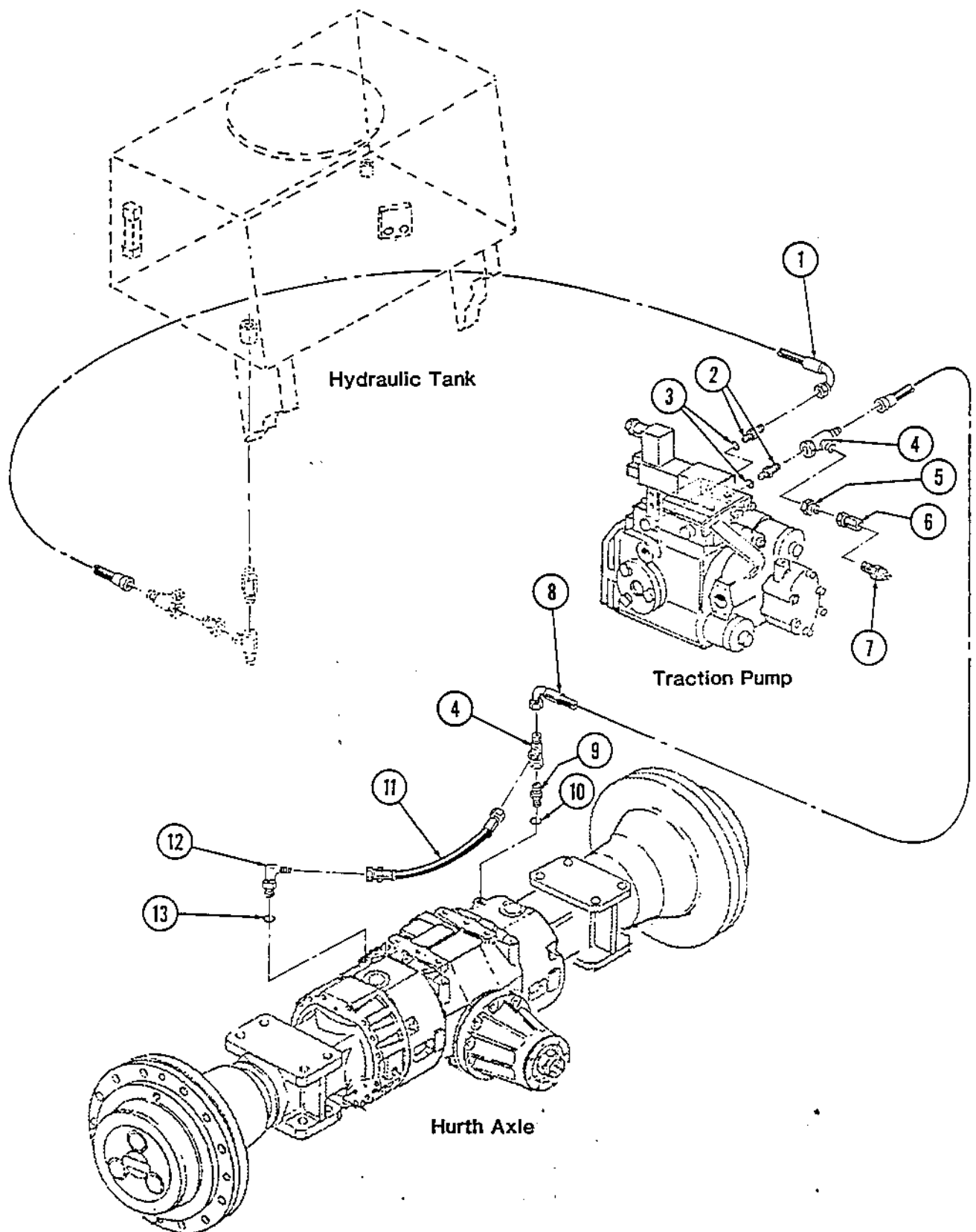
HYDRAULIC BRAKE SYSTEM
S/N 2080 and UP

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	482455	Hose Assy, Return to Hyd. Tank	1
2	234233	Adapter.....	2
3	160188	O-Ring	1
4	334234	Tee-Adapter	2
5	334523	Adapter, Reducing.....	1
6	929225	Adapter	1
7	346498	Switch, Pressure.....	1
8	482101	Hose Assy, Pump to Left Brake	1
9	334463	Adapter	1
10	802661	O-Ring	1
11	482313	Hose Assy, Cross Over to Right Brake....	1
12	928911	Adapter, 90°	1
13	802661	O-Ring	1

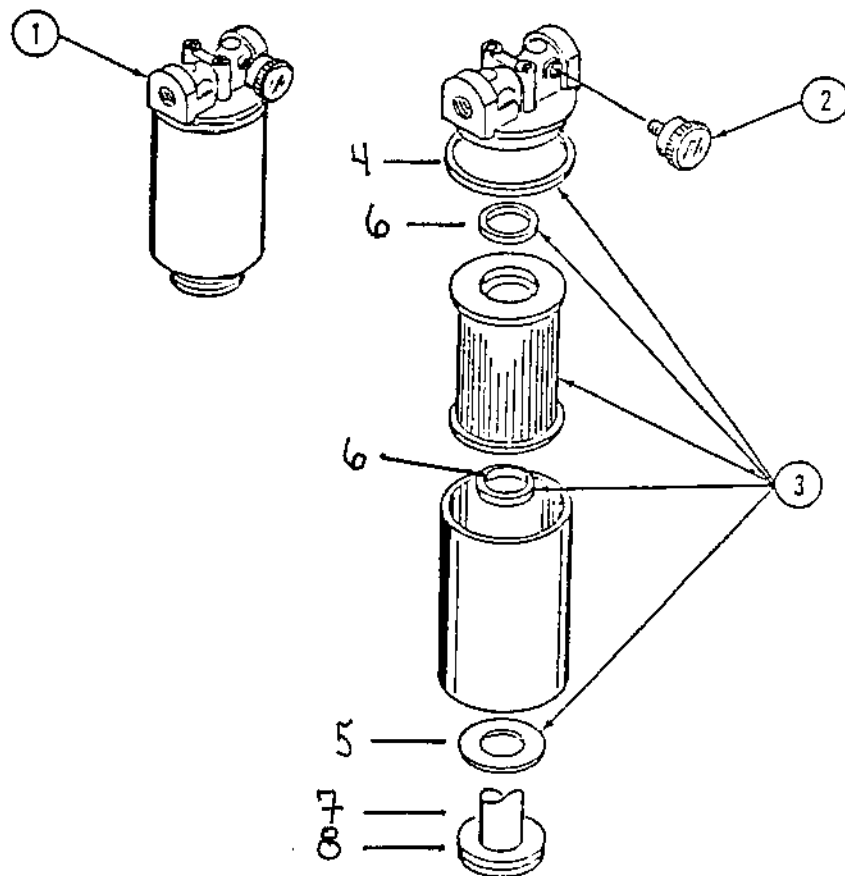
Released 7/17/87

Page 55A

HYDRAULIC BRAKE SYSTEM
S/N 2080 and UP

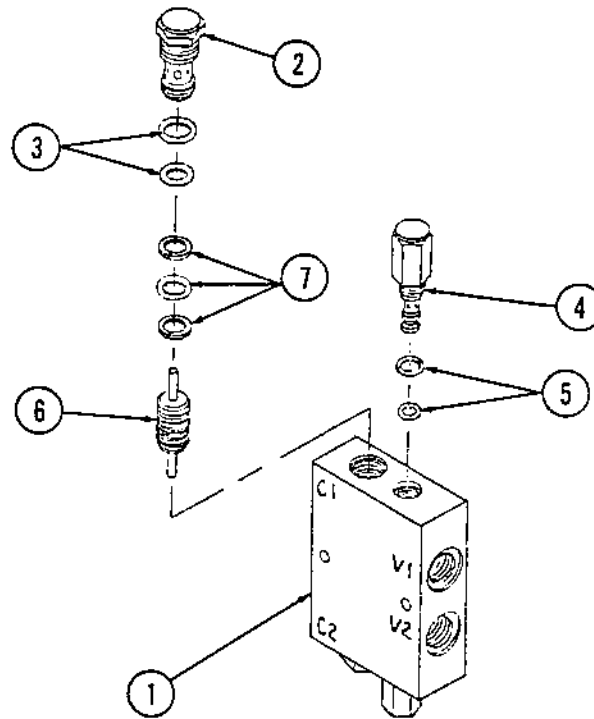


HYDRAULIC OIL FILTER ASSY.



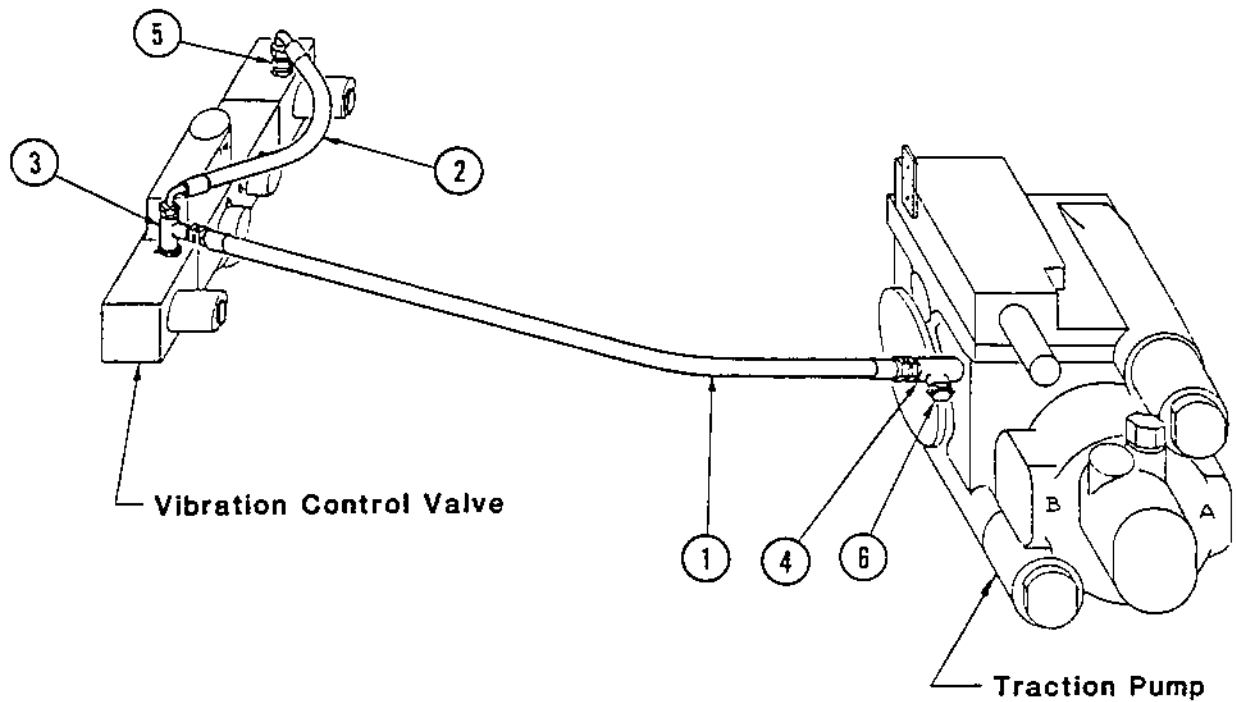
INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	335554	Filter Assy., Hydraulic Oil.....	1
2	499355	Gauge, Vacuum.....	1
3	335657	Kit, Element, Filter, Hyd.....	1
4	814117	O-RING	
5	814116	GASKET	
6	814139	SEAL GASKET	
7	814140	WASHER	
8	814115	SPRING	

QUIKSTOP VALVE



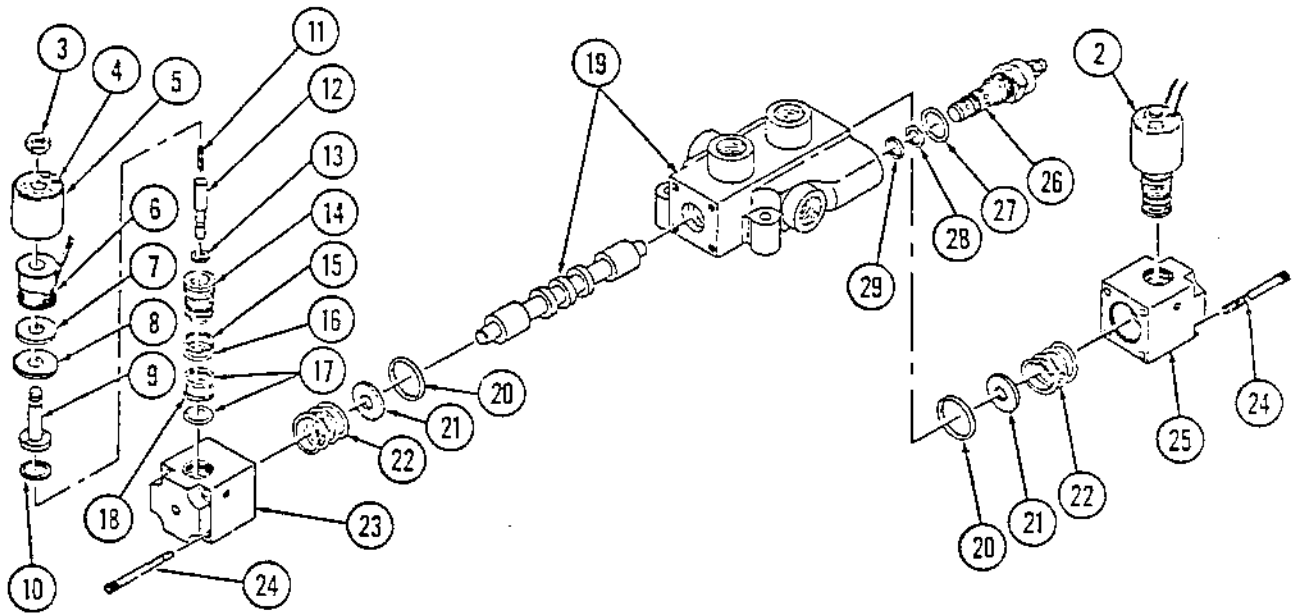
INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801453	Valve, Quikstop.....	1
2	233239	Valve, Single Pilot Check.....	2
3	893511	Kit, Seal.....	1
4	233240	Valve, Relief.....	2
5	893512	Kit, Seal.....	1
6	893510	Piston Assembly.....	1
7	893513	Kit, Seal.....	1

VIBRATION VALVE PILOT CIRCUIT



INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	84218204	Hose Assembly	1
2	84218202	Hose Assembly	1
3	234323	Tee	1
4	234620	Tee	1
5	234353	Adapter	1
6	332125	Cap Nut	1

VIBRATION CONTROL VALVE

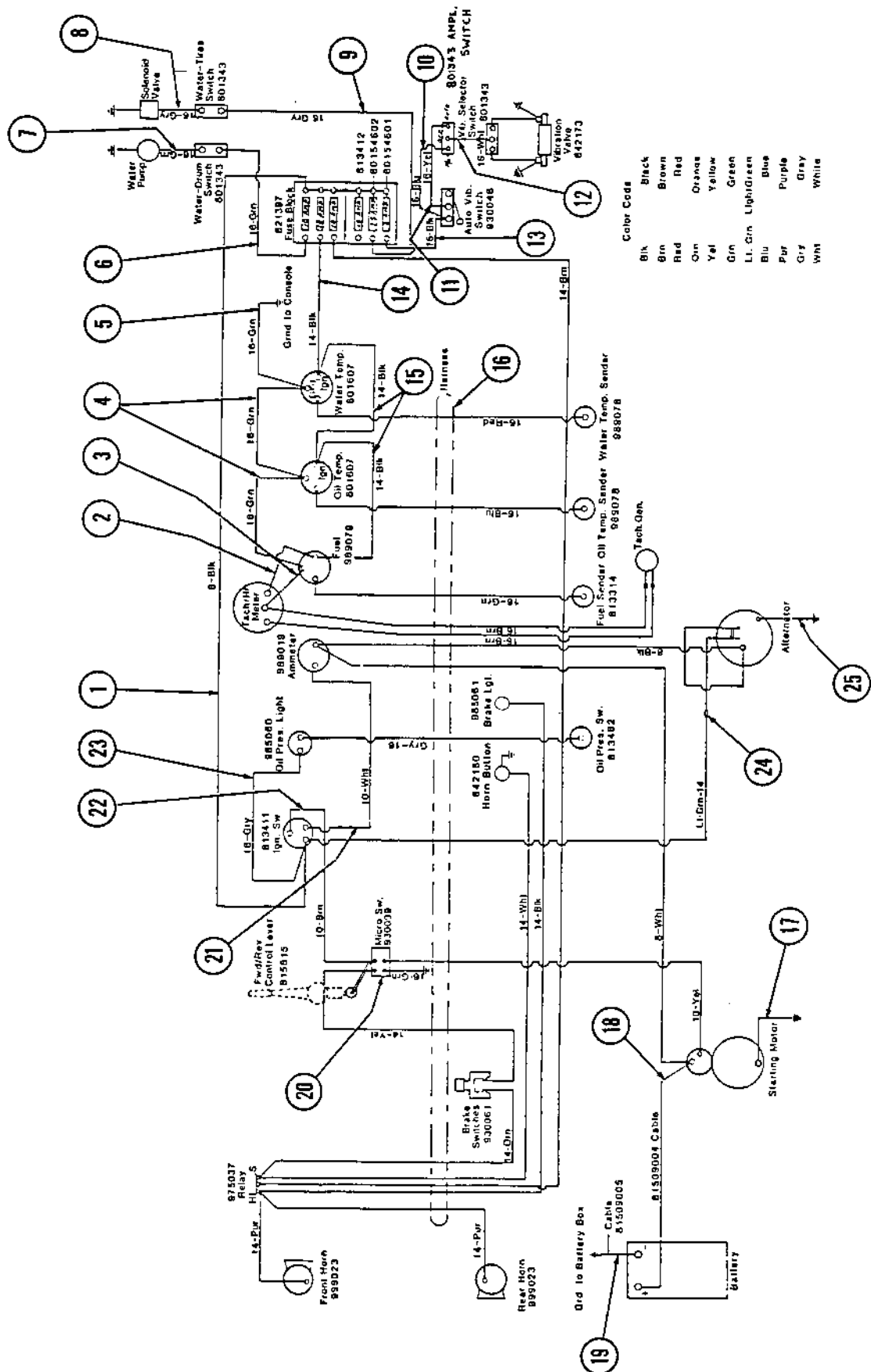


INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	337510	Valve Assembly (includes following)	2
2	975048	Solenoid Assembly (includes 3 thru 18).	2
3	NSS	Hex Nut	1
4	NSS	Nameplate	1
5	NSS	Housing, Coil	1
6	975049	Coil, 12 Volt	1
7	NSS	Gasket, Housing	1
8	NSS	Washer, Housing	1
9	NSS	Sleeve, Assembly	1
10	NSS	Seal, Flange	1
11	NSS	Spring, Piston	1
12	NSS	Spool and Piston	1
13	NSS	Spacer	1
14	NSS	Body, Solenoid Cartridge	1
15	481116	Seal, Upper Back-Up	1
16	481113	O-Ring, Upper Cartridge	1
17	481114	O-Ring, Lower Cartridge	2
18	481115	Seal, Lower Back-Up	1
19	NSS	Body, Valve and Spool	1
20	481124	O-Ring	2
21	481111	Washer, Stop	2
22	481112	Spring, Centering	2
23	481120	Block, Solenoid - Right Side	1
24	481122	Capscrew	8
25	481119	Block, Solenoid - Left Side	1
26	333112	Valve Assy. Relief(2000PSI or 13800kPa).	1
27	481125	O-Ring	1
28	481121	Washer, Back-Up	1
29	481123	O-Ring	1

ELECTRICAL ASSEMBLY
(DETROIT DIESEL)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815863	Wire Assembly.....	1
2	815864	Wire Assembly.....	1
3	815860	Wire Assembly.....	1
4	815862	Wire Assembly.....	2
5	815861	Wire Assembly.....	1
6	815823	Wire Assembly.....	1
7	815825	Wire Assembly.....	1
8	815826	Wire Assembly.....	1
9	815824	Wire Assembly.....	1
10	815822	Wire Assembly.....	1
11	815821	Wire Assembly.....	1
12	815807	Wire Assembly.....	1
13	815820	Wire Assembly.....	1
14	815870	Wire Assembly.....	1
15	815869	Wire Assembly.....	2
16	815328	Wire Harness.....	1
17	82523901	Starter Motor Ground.....	1
18	81509006	Cable, Starter Solenoid to Battery.....	1
19	81509005	Cable, Battery Ground.....	1
20	815868	Wire Assembly.....	1
21	815865	Wire Assembly.....	1
22	815867	Wire Assembly.....	1
23	815866	Wire Assembly.....	1
24	80148801	Terminal.....	1
25	81517410	Cable Alternator Ground.....	1

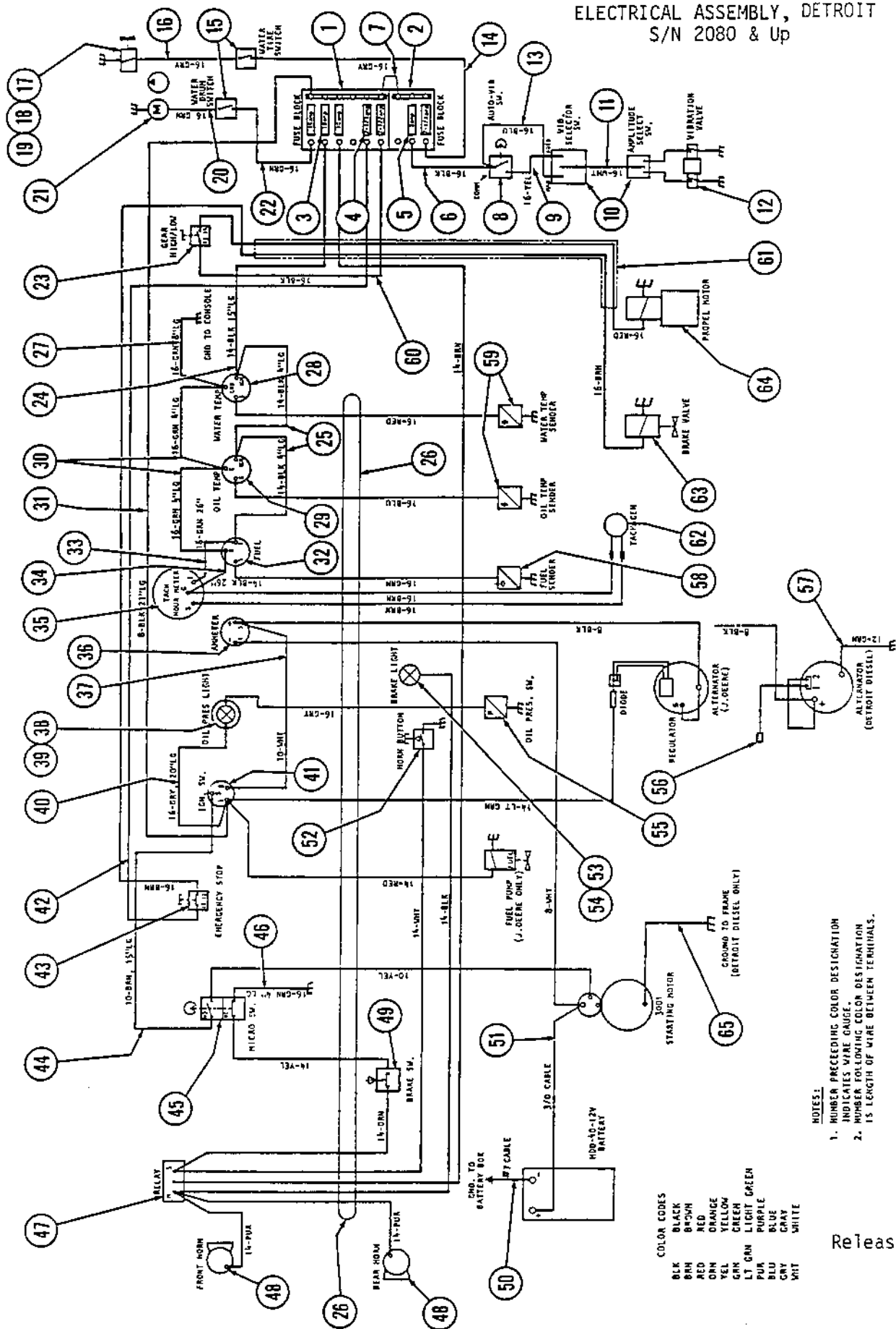
ELECTRICAL ASSEMBLY (DETROIT DIESEL)



ELECTRICAL ASSEMBLY, DETROIT
S/N 2080 and Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
1	821397	Fuse Block.....	1
2	950059	Fuse Block.....	1
3	813412	Fuse, 10 Amp.....	3
4	80154602	Fuse, 7 1/2 Amp.....	3
5	80154601	Fuse, 2 Amp.....	1
6	815820	Wire Assembly	1
7	815601	Wire Assembly.....	1
8	930046	Switch, Auto - Vibration.....	1
9	815821	Wire Assembly.....	1
10	801343	Switch, Vibration Selector.....	2
11	815807	Wire Assembly.....	1
12	842173	Valve, Vibration Control.....	1
13	815822	Wire Assembly.....	1
14	815824	Wire Assembly.....	1
15	814266	Switch, Drum & Tire Water.....	2
16	815826	Wire Assembly.....	1
17	821382	Solenoid Valve Assembly.....	1
18	892376	Coil, Solenoid.....	1
19	892124	Rebuild Kit, Less Coil.....	1
20	815825	Wire Assembly.....	1
21	801993	Water Pump Assy, (To S/N 2007) Pg.41.1	
--	923690	Water Pump Assy,(From S/N 2008)Pg.41A1	
22	815823	Wire Assembly.....	1
23	930151	Switch, Hi/Lo Speed.....	1
24	815870	Wire Assembly.....	1
25	815689	Wire Assembly.....	2
26	815922	Harness Assembly.....	1
27	815861	Wire Assembly.....	1
28	801607	Gauge, Water Temp.....	1
29	989077	Gauge, Hyd. Oil Temp.....	1
30	815862	Wire Assembly.....	2
31	815863	Wire Assembly.....	1
32	989079	Gauge, Fuel Level.....	1
33	815860	Wire Assembly.....	1

ELECTRICAL ASSEMBLY, DETROIT
S/N 2080 & Up

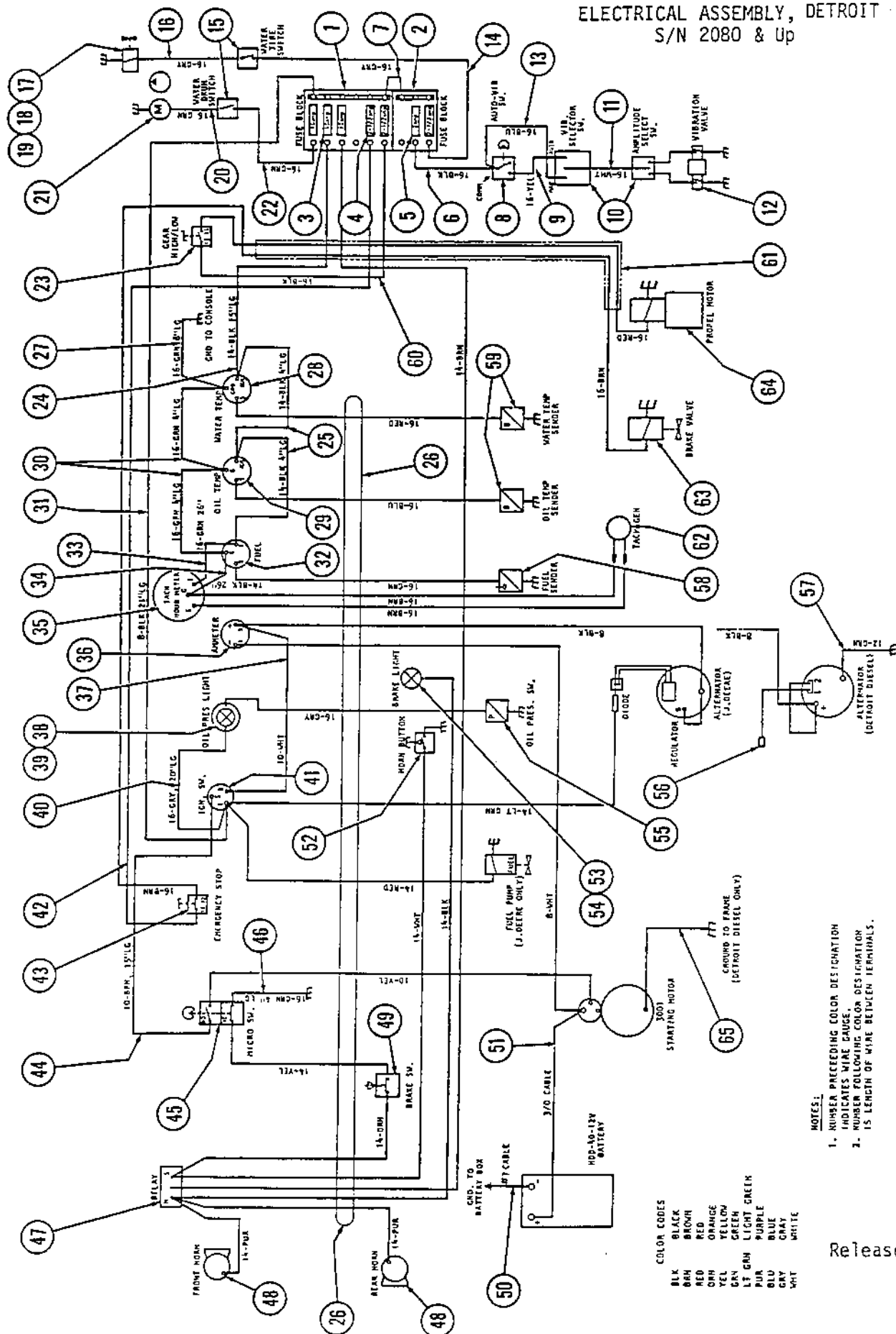


- NOTES:
1. NUMBER PRECEDING COLOR DESIGNATION INDICATES WIRE GAUGE.
 2. NUMBER FOLLOWING COLOR DESIGNATION IS LENGTH OF WIRE BETWEEN TERMINALS.

ELECTRICAL ASSEMBLY, DETROIT
S/N 2080 and Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
34	815864	Wire Assembly.....	1
35	802153	Assy., Electronic Tach. & Clamp.....	1
36	989019	Ammeter.....	1
37	815865	Wire Assembly.....	1
38	985060	Light Assembly, Engine Oil Pressure.	1
39	985012	Bulb.....	1
40	815866	Wire Assembly.....	1
41	813411	Switch, Ignition.....	1
42	815999	Wire Assembly.....	1
43	930200	Switch, Emergency Stop.....	1
44	815867	Wire Assembly.....	1
45	930099	Micro Switch.....	1
46	815868	Wire Assembly.....	1
47	975037	Relay, Horn.....	1
48	999023	Horn.....	2
49	346498	Switch, Brake Pressure.....	1
50	81509005	Cable, Battery Ground.....	1
51	8150900	Cable, Starter.....	1
52	842160	Button, Horn.....	1
53	985061	Light Assembly, Brake Light.....	1
54	985086	Bulb.....	1
55	813462	Switch, Oil Pressure.....	1
56	80148801	Terminal.....	1
57	81517410	Cable, Ground	1
58	813314	Sender, Fuel Level.....	1
59	989078	Sender, Hyd. Oil or Water Temp.....	2
60	815998	Wire Assembly.....	1
61	815696	Harness Assembly.....	1
62	843156	Generator, Tach.....	1
63	922305	Valve Assy., Brake Solenoid.....	1
64	924616	Valve Assy., Hi/Lo Speed Solenoid...	1
65	82523901	Cable, Ground.....	1

ELECTRICAL ASSEMBLY, DETROIT S/N 2080 & Up



ELECTRICAL ASSEMBLY
(JOHN DEERE)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815863	Wire Assembly.....	1
2	815864	Wire Assembly.....	1
3	815860	Wire Assembly.....	1
4	815862	Wire Assembly.....	2
5	815861	Wire Assembly.....	1
6	815823	Wire Assembly.....	1
7	815825	Wire Assembly.....	1
8	815826	Wire Assembly.....	1
9	815824	Wire Assembly.....	1
10	815822	Wire Assembly.....	1
11	815821	Wire Assembly.....	1
12	815807	Wire Assembly.....	1
13	815820	Wire Assembly.....	1
14	815870	Wire Assembly.....	1
15	815869	Wire Assembly.....	2
16	815434	Wire Harness.....	1
17	976025	Diode.....	1
18	81509004	Cable, Starter to Battery.....	1
19	81509005	Cable, Battery Ground.....	1
20	815868	Wire Assembly.....	1
21	815865	Wire Assembly.....	1
22	815867	Wire Assembly.....	1
23	815866	Wire Assembly.....	1

Color Code

Blk	Black
Brn	Brown
Red	Red
Orn	Orange
Yel	Yellow
Grn	Green
Lt Grn	Light Green
Blu	Blue
Pur	Purple
Gry	Gray
Whi	White

ELECTRICAL ASSEMBLY, JOHN DEERE
S/N 2080 and Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
1	821397	Fuse Block.....	1
2	950059	Fuse Block.....	1
3	813412	Fuse, 10 Amp.....	3
4	80154602	Fuse, 7 1/2 Amp.....	3
5	80154601	Fuse, 2 Amp.....	1
6	815820	Wire Assembly	1
7	815601	Wire Assembly.....	1
8	930046	Switch, Auto - Vibration.....	1
9	815821	Wire Assembly.....	1
10	801343	Switch, Vibration Selector.....	2
11	815807	Wire Assembly.....	1
12	842173	Valve, Vibration Control.....	1
13	815822	Wire Assembly.....	1
14	815824	Wire Assembly.....	1
15	814266	Switch, Drum & Tire Water.....	2
16	815826	Wire Assembly.....	1
17	821382	Solenoid Valve Assembly.....	1
18	892376	Coil, Solenoid.....	1
19	892124	Rebuild Kit, Less Coil.....	1
20	815825	Wire Assembly.....	1
21	801993	Water Pump Assy, (To S/N 2007) Pg.41.1	
--	923690	Water Pump Assy,(From S/N 2008)Pg.41A1	
22	815823	Wire Assembly.....	1
23	930151	Switch, Hi/Lo Speed.....	1
24	815870	Wire Assembly.....	1
25	815689	Wire Assembly.....	2
26	815921	Harness Assembly.....	1
27	815861	Wire Assembly.....	1
28	801607	Gauge, Water Temp.....	1
29	989077	Gauge, Hyd. Oil Temp.....	1
30	815862	Wire Assembly.....	2
31	815863	Wire Assembly.....	1
32	989079	Gauge, Fuel Level.....	1
33	815860	Wire Assembly.....	1

ELECTRICAL SCHEMATIC, JOHN DEER
S/N 2080 & Up

1. NUMBER PRECEDING COLOR DESIGNATION
INDICATES WIRE GAUGE.
2. NUMBER FOLLOWING COLOR DESIGNATION
IS LENGTH OF WIRE BETWEEN TERMINALS.

NOTES:

COLOR CODES

BLK	BLACK
BRN	BROWN
RED	RED
ORR	ORANGE
YEL	YELLOW
GRN	GREEN
LT GRN	LIGHT GREEN
PUR	PURPLE
BLU	BLUE
GRY	GRAY
WHT	WHITE

Released

COLOR CODES	
BLK	BLACK
BRN	BROWN
RED	RED
ORN	ORANGE
YEL	YELLOW
GRN	GREEN
LT GRN	LIGHT GREEN
PUR	PURPLE
BLU	BLUE
GRY	GRAY
WHT	WHITE

ELECTRICAL ASSEMBLY, JOHN DEERE
S/N 2080 and Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
34	815864	Wire Assembly.....	1
35	802153	Assy., Electronic Tach. & Clamp.....	1
36	989019	Ammeter.....	1
37	815865	Wire Assembly.....	1
38	985060	Light Assembly, Engine Oil Pressure.	1
39	985012	Bulb.....	1
40	815866	Wire Assembly.....	1
41	813411	Switch, Ignition.....	1
42	815999	Wire Assembly.....	1
43	930200	Switch, Emergency Stop.....	1
44	815867	Wire Assembly.....	1
45	930099	Micro Switch.....	1
46	815868	Wire Assembly.....	1
47	975037	Relay, Horn.....	1
48	999023	Horn.....	2
49	346498	Switch, Brake Pressure.....	1
50	81509005	Cable, Battery Ground.....	1
51	81509004	Cable, Starter.....	1
52	842160	Button, Horn.....	1
53	985061	Light Assembly, Brake Light.....	1
54	985086	Bulb.....	1
55	813462	Switch, Oil Pressure.....	1
56	976025	Diode.....	1
57	816005	Wire Assembly.....	1
58	813314	Sender, Fuel Level.....	1
59	989078	Sender, Hyd. Oil or Water Temp.....	2
60	815998	Wire Assembly.....	1
61	815696	Harness Assembly.....	1
62	843156	Generator, Tach.....	1
63	922305	Valve Assy., Brake Solenoid.....	1
64	924616	Valve Assy., Hi/Lo Speed Solenoid...	1

ELECTRICAL ASSEMBLY, JOHN DEERE
S/N 2080 & Up

1. NUMBER PRECEDING COLOR DESIGNATION INDICATES WIRE GAUGE.
2. NUMBER FOLLOWING COLOR DESIGNATION IS LENGTH OF WIRE BETWEEN TERMINALS.

NOTES:

1. NUMBER PRECEDING COLOR DESIGNATION INDICATES WIRE GAUGE.
2. NUMBER FOLLOWING COLOR DESIGNATION IS LENGTH OF WIRE BETWEEN TERMINALS.

COLOR CODES

BLK	BLACK
BRN	BROWN
RED	RED
ORNG	ORANGE
YEL	YELLOW
GRN	GREEN
LT GRN	LIGHT GREEN
PUR	PURPLE
BLU	BLUE
GRY	GRAY
WHT	WHITE

Releas

1. NUMBER PRECEDING COLOR DESIGNATION INDICATES WIRE GAUGE.
2. NUMBER FOLLOWING COLOR DESIGNATION IS LENGTH OF WIRE BETWEEN TERMINALS.

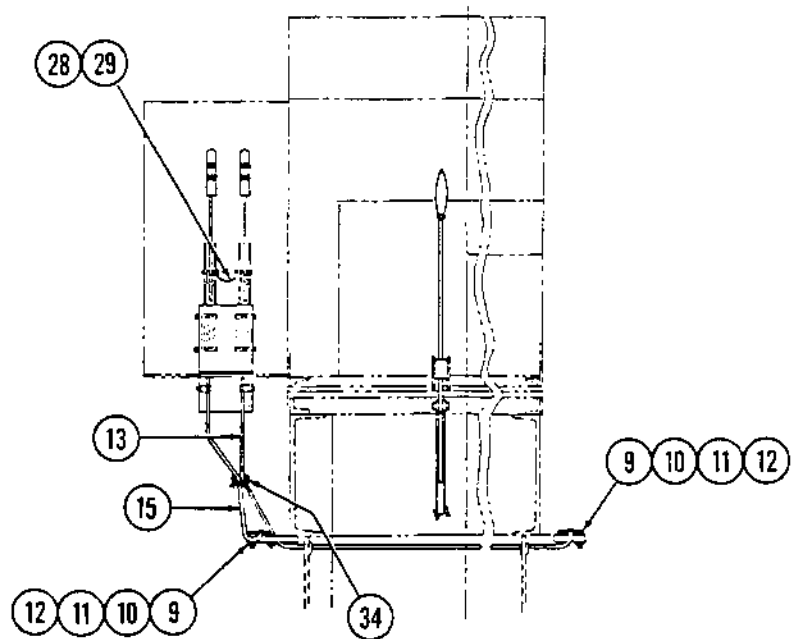
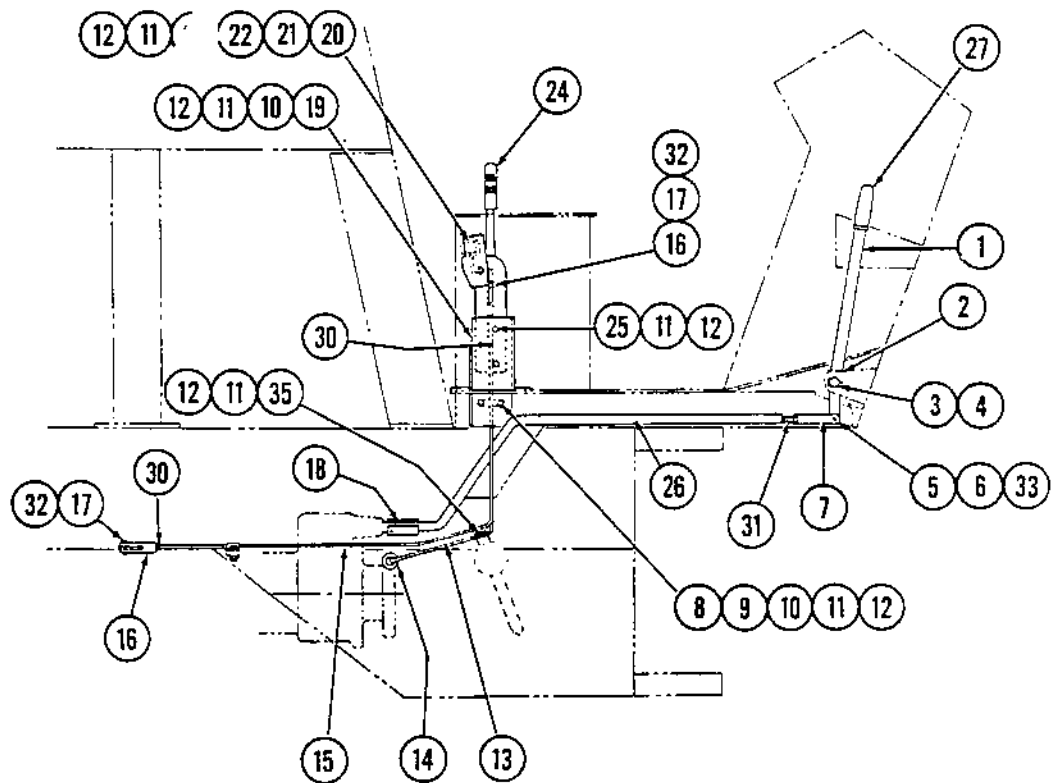
COLOR CODES	
BLK	BLACK
BRN	BROWN
RED	RED
ORN	ORANGE
YEL	YELLOW
GRN	GREEN
LT GRN	LIGHT GREEN
PUR	PURPLE
BLU	BLUE
GRY	GRAY
WHT	WHITE

Released 7/17/87
Page 63C

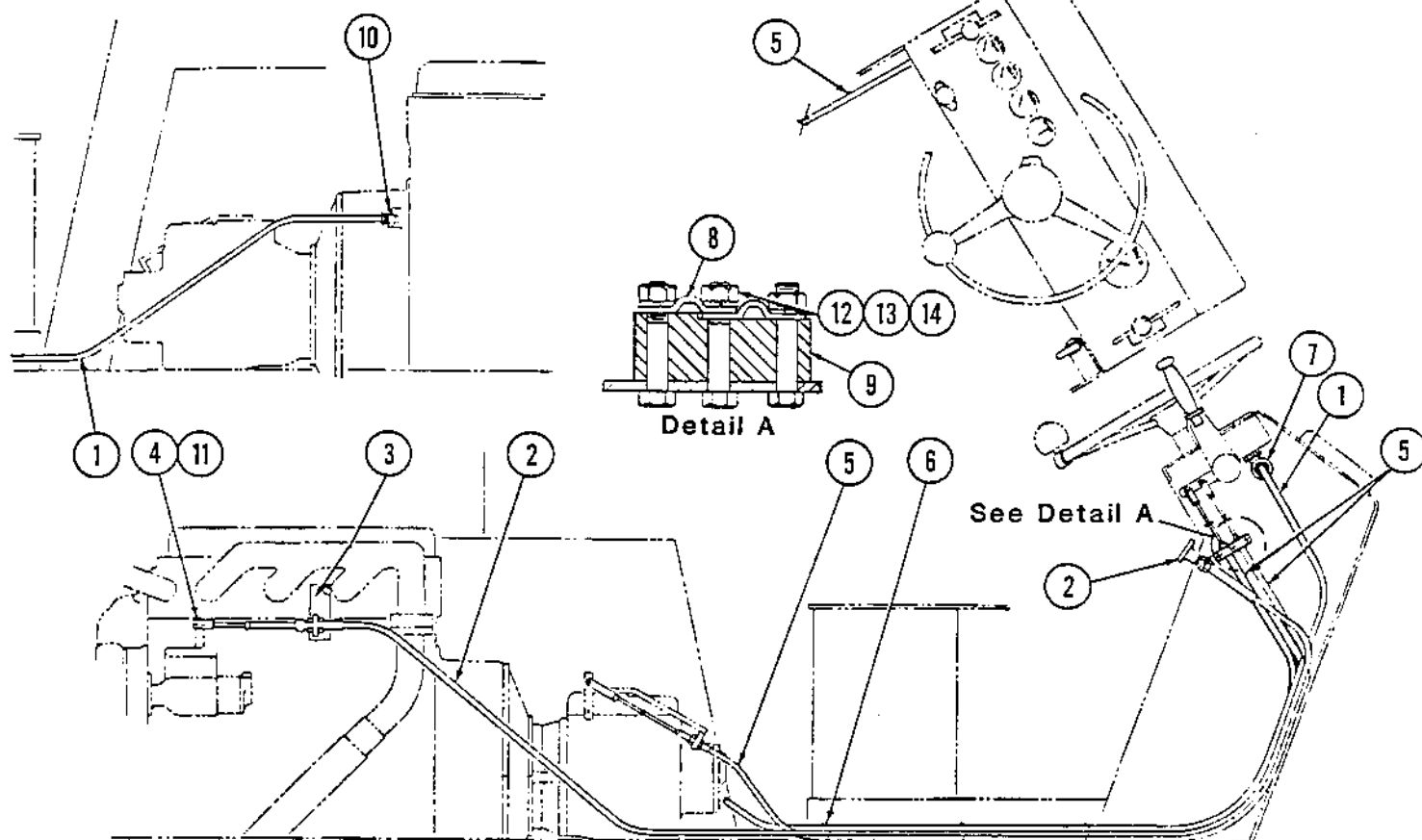
HAND BRAKE & TRANSMISSION LINKAGE
ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815325	Lever, Transmission Shift.....	1
2	100061	Bushing.....	1
3	815323	Pin.....	1
4	630009	Pin, Cotter.....	1
5	550038	Pin, Clevis, 1/2.....	1
6	602017	Flat Washer.....	2
7	415193	Yoke, 1/2.....	1
8	813359	Spacer.....	2
9	813353	Clamp, Cable.....	4
10	502036	Capscrew, HH.....	8
11	604028	Lockwasher.....	10
12	571003	Hex Nut.....	10
13	456104	Cable, L.S. Hand Brake	1
14	813367	Grommet.....	2
15	456105	Cable, R.S. Hand Brake	1
16	815329	Clevis.....	4
17	813364	Pin, Clevis,.....	4
18	550048	Pin, Clevis,.....	1
19	815818	Bracket, Brake Lever.....	1
20	930061	Switch, Brake.....	2
21	821317	Cover, Switch.....	2
22	815762	Bracket, Brake Switch.....	2
23	502041	Capscrew.....	1
24	813331	Lever, Brake.....	2
25	502039	Capscrew, HH.....	4
26	815316	Link, Transmission Shift.....	1
27	219002	Grip, Hand.....	1
28	815831	Harness, Wire.....	1
29	843005	Assembly, Wire.....	2
30	572003	Hex Nut.....	4
31	572004	Hex Nut.....	1
32	630052	Cotter Pin.....	4
33	630008	Cotter Pin.....	1
34	313041	Ty-Rap.....	A/R
35	921103	Clamp.....	1

HAND BRAKE & TRANSMISSION LINKAGE ASSEMBLY

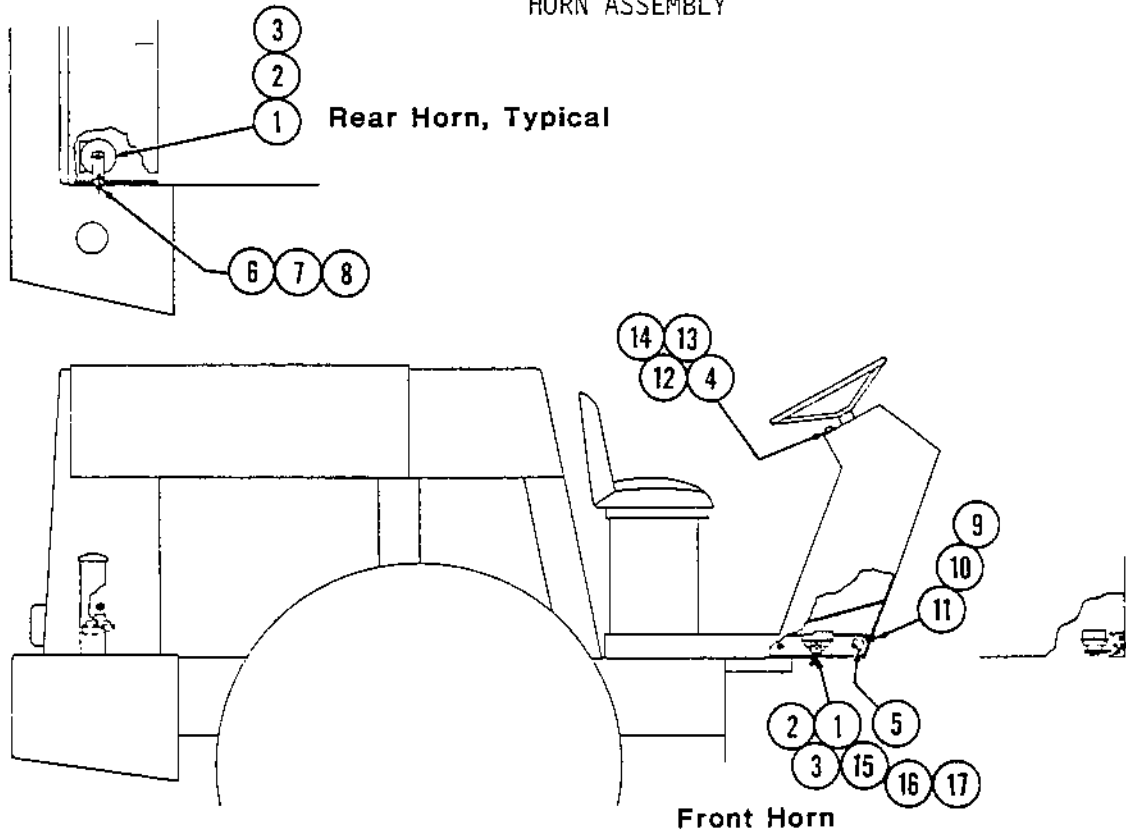


CONTROL LINKAGE ASSEMBLY JOHN DEERE



INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801655	Flexible Tach. Shaft, (to S/N 1927, 1932 to 1935)	1
2	456039	Throttle Cable.....	1
-	891141	T-Handle, Throttle.....	1
3	821497	Bracket, Cable Mounting.....	1
4	457100	Ball Joint.....	1
5	456029	Cable, Fwd/Rev.....	1
6	313041	Ty-Rap.....	4
7	457105	Elbow, Tach. Adapter, (to S/N 1927, 1932 to 1935).	1
8	457054	Clamp, Cable, (to S/N 1927, 1932 to 1935).	1
9	815080	Block, Cable.....	1
10	801792	Gasket, Tach. Cable.....	1
11	572001	Hex Nut.....	1
12	502131	Capscrew, HH.....	2
13	604027	Lockwasher.....	2
14	572002	Hex Nut.....	2

HORN ASSEMBLY

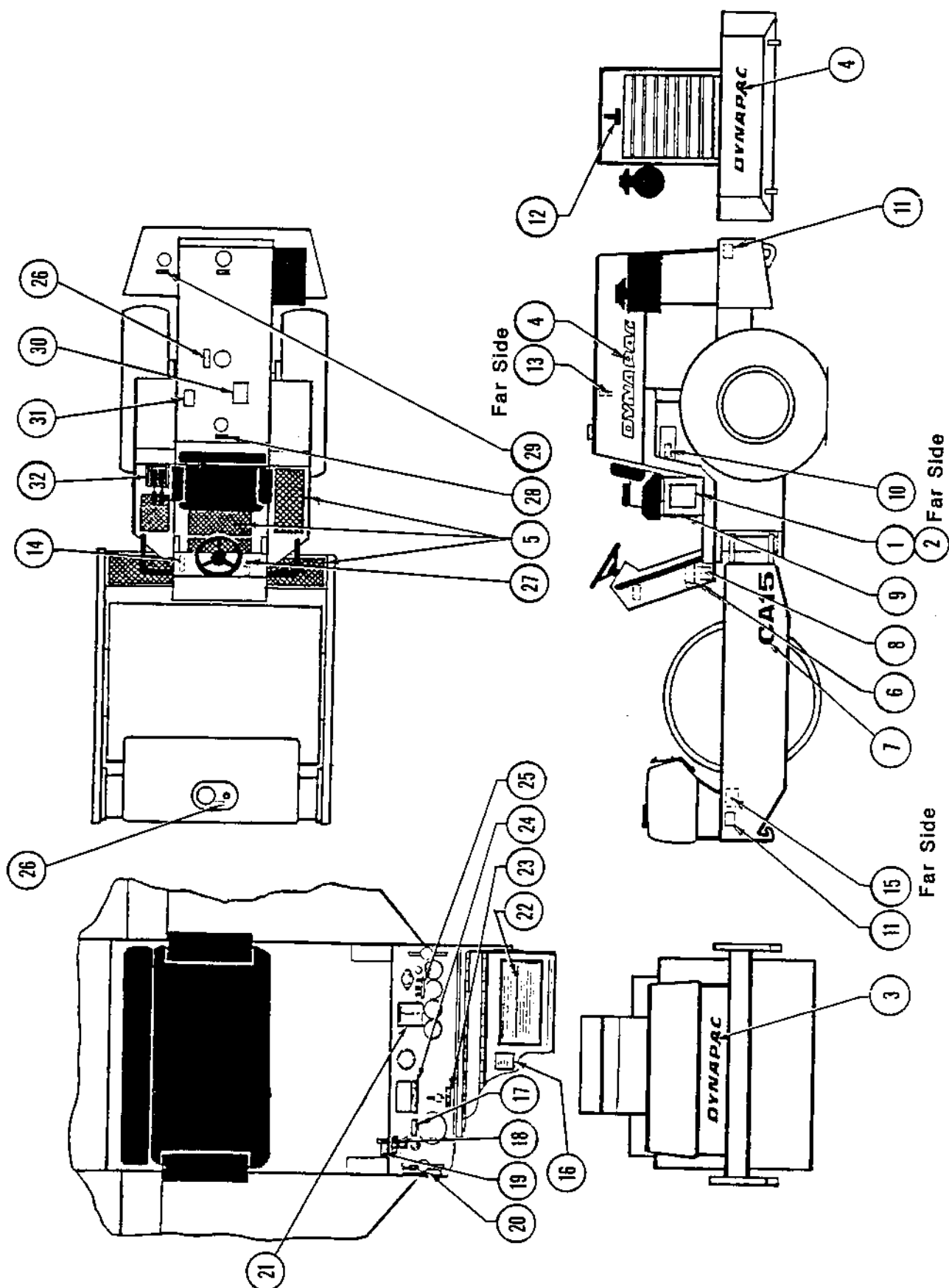


INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	999023	Horn.....	2
2	999024	Bracket, Horn.....	2
3	999025	Nut.....	2
4	842160	Button, Horn.....	1
5	975037	Relay.....	1
6	502018	Capscrew, HH.....	1
7	604027	Lockwasher.....	1
8	571002	Hex Nut.....	1
9	502004	Capscrew, HH.....	2
10	604026	Lockwasher.....	2
11	571001	Hex Nut.....	2
12	550018	Capscrew, HH, Plated.....	2
13	604019	Lockwasher, Plated.....	2
14	572009	Hex Nut, Plated.....	2
15	502035	Capscrew, HH.....	1
16	604006	Lockwasher.....	1
17	541003	Hex Nut.....	1

DECAL KIT

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	815464	Kit, Decal.....	1
1	801458	Plate, Safety Precaution.....	1
2	826788	Plate, Operating Safety.....	1
3	843221	Decal, Dynapac (Yellow).....	1
4	309100502	Decal, Dynapac.....	3
5	825675	Walks, Safety.....	4
6	NSS	Decal, Transmission Shift	1
7	NSS	Decal, Identification.....	4
8	NSS	Decal, Warning.....	2
9	NSS	Decal, Lubrication Chart.....	1
10	NSS	Decal, Amplitude Control.....	1
11	NSS	Decal, Tie-Down & Blocking.....	2
12	NSS	Decal, Group Symbol.....	1
13	NSS	Decal, Hydraulic Oil Level.....	1
14	NSS	Decal, Fuses.....	1
15	NSS	Decal, Drum Oil Level.....	1
16	NSS	Decal, Towing.....	1
17	NSS	Decal, Vibration Frequency.....	1
18	NSS	Decal, Stop.....	1
19	NSS	Decal, Throttle.....	1
20	NSS	Decal, Motion Control.....	1
21	NSS	Decal, Speed Selector.....	1
22	NSS	Decal, Operating Instructions.....	1
23	NSS	Decal, Ignition Switch.....	1
24	NSS	Decal, Towing, Oil Temp. & Tire Pressure.....	1
25	NSS	Decal, Water & Vibration Control.....	1
26	NSS	Decal, Water.....	2
27	NSS	Decal, Speed Position.....	1
28	NSS	Decal, Hydraulic Oil.....	1
29	NSS	Decal, Diesel Fuel.....	1
30	NSS	Decal, Wet System.....	1
31	NSS	Decal, Tire Pick-Up.....	1
32	NSS	Decal, Brake Safety.....	1

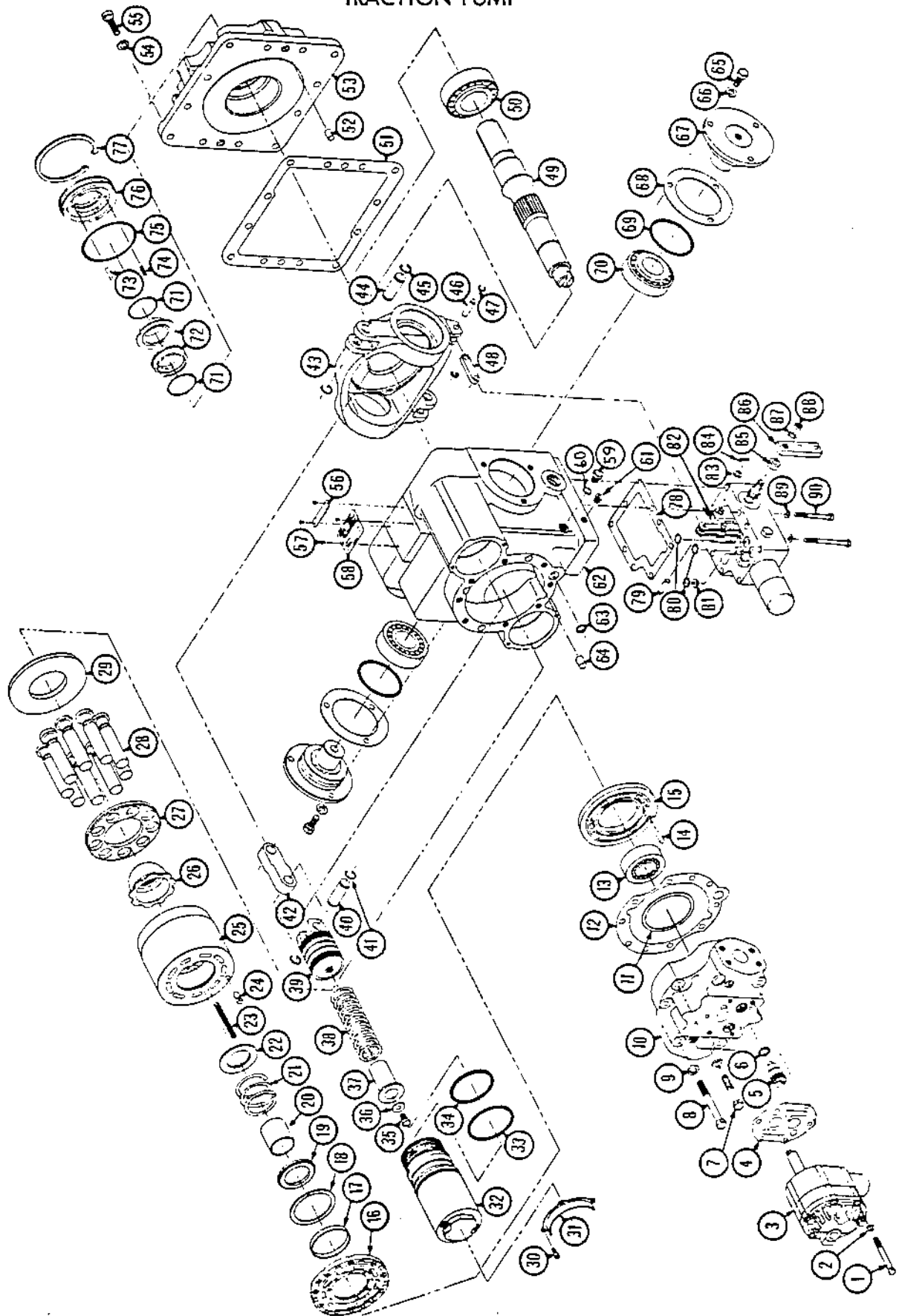
DECAL KIT



TRACTION PUMP
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	801051	Pump, Traction.....	1
-	813692	Kit, Charge Pump.....	1
1	813834	Capscrew, HH.....	4
2	813844	Washer, Flat.....	4
3	813692	Charge Pump.....	1
4	813633	Gasket, Charge Pump.....	1
-	813630	Assembly, Check Valve.....	2
5	813886	Valve, Check.....	1
6	813614	O-Ring.....	1
7	813838	Capscrew, HH.....	3
8	813839	Capscrew, HH.....	5
9	813846	Washer, Flat.....	8
10	480305	End Cap, Pump.....	1
11	813880	Shim.....	a/r
12	813862	Gasket, End Cap.....	1
13	813813	Bearing, Rear.....	1
14	813821	Pin.....	1
15	480304	Plate, Valve, R.H.....	1
--	893013	Kit, Cylinder Block.....	1
16	813878	Plate, Bearing.....	1
17	813875	Plate, Pilot Bearing.....	1
18	813829	Ring, Retaining.....	1
19	813855	Spring, Retainer.....	1
20	813856	Guide, Spring.....	1
21	480306	Spring, Cylinder Block.....	1
22	813854	Spring, Seat.....	1
23	813853	Spring.....	9
24	813851	Pin.....	1
25	813874	Cylinder Block.....	1
26	813866	Guide.....	1
27	813870	Slipper, Retainer.....	1
28	480309	Piston.....	9
29	813871	Plate, Thrust.....	1
30	480289	Screw, Soc. Hd.....	4
31	813850	Sleeve, Retainer.....	2
--	893068	Kit, Servo Sleeve.....	2
32	480301	Sleeve, Servo.....	1
33	813818	O-Ring.....	1
34	813817	O-Ring.....	1
--	921374	Kit, Servo Piston.....	2
35	480290	Capscrew, HH.....	1
36	480292	Washer, Special.....	1
37	813860	Guide, Spring.....	1
38	813859	Spring, Servo.....	1
39	480303	Piston, Servo.....	1
40	813824	Pin.....	2
41	813831	Ring, Retaining.....	4
42	813849	Link, Servo Piston.....	1
43	813869	Swashplate.....	1
44	813824	Pin.....	2
45	480287	Ring, Retaining.....	4
46	813823	Pin.....	1
47	480288	Ring, Retaining.....	2

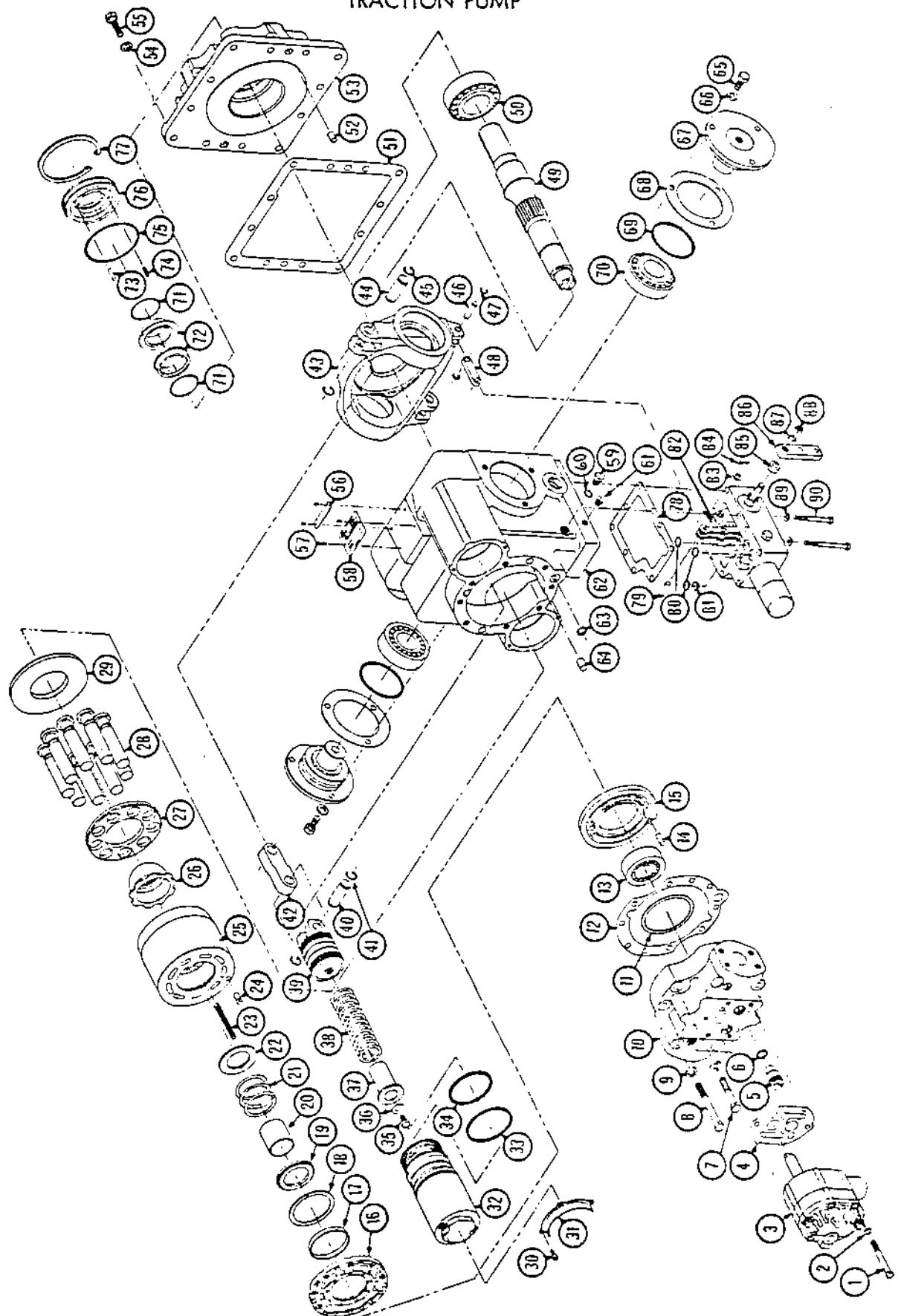
TRACTION PUMP



TRACTION PUMP
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
48	813885	Link, Swash Control.....	1
49	813863	Shaft, Pump.....	1
50	813815	Bearing, Front.....	1
51	813623	Gasket, Front Cover.....	1
52	813822	Pin.....	2
53	813861	Cover, Front.....	1
54	813846	Washer, Flat.....	12
55	813837	Screw, HH.....	12
56	NSS	Arrow, Direction.....	1
57	NSS	Screw, Drive.....	4
58	NSS	Nameplate.....	1
59	813826	Kit, Plug, HH.....	1
60	813617	O-Ring.....	1
61	813825	Plug, Pipe.....	1
62	813872	Housing, Pump.....	1
63	813613	O-Ring.....	1
64	813822	Pin.....	2
65	813835	Capscrew, HH.....	6
66	813845	Washer, Flat.....	6
67	813857	Trunnion.....	2
68	813858	Gasket, Trunnion.....	a/r
69	813819	O-Ring.....	2
70	813814	Bearing, Trunnion.....	2
--	813626	Kit, Shaft Seal.....	1
71	813616	O-Ring.....	2
72	813624	Kit, Seal.....	1
73	813619	Pin, Groove.....	1
74	813625	Spring, Seal.....	6
75	813612	O-Ring.....	1
76	813622	Seal, Retainer.....	1
77	813621	Ring, Retaining.....	1
--	813889	Kit, Control Assembly.....	1
78	813634	Gasket, Valve Housing.....	1
79	813890	Pin.....	1
80	813613	O-Ring.....	3
81	813628	Plug.....	1
82	893080	Spring, Control.....	1
83	813844	Washer, Flat.....	1
84	813820	Pin, Cotter.....	1
85	813888	Spacer.....	1
86	335593	Handle, Control Modified.....	1
87	813847	Washer.....	1
88	813816	Hex Nut.....	1
89	813844	Washer, Flat.....	9
90	813833	Screw, HH.....	9
--	893069	Kit, Gasket (All O-Rings, Seals & Gaskets)	1

TRACTION PUMP



TRACTION PUMP
S/N 2080 & Up

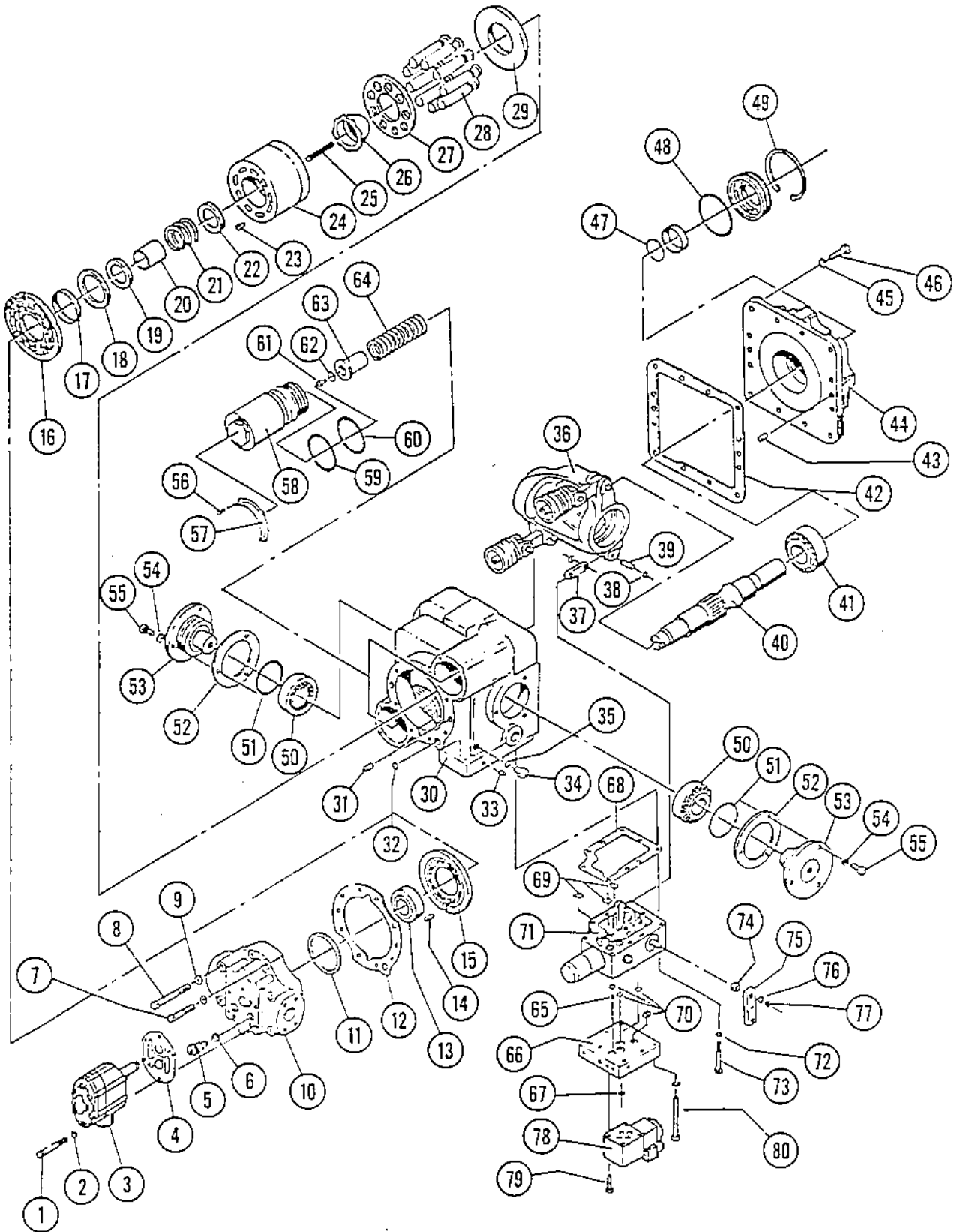
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
-	348530	Pump, Traction.....	1
-	927130	Seal Kit, See Note.....	1
1	813834	Screw.....	4
2	813844	Washer.....	4
3	813692	Charge Pump Assy., See Pg. 73E.....	1
4	NSS	Gasket.....	1
5	813630	Check Valve Assembly.....	2
6	NSS	O-Ring.....	1
7	813838	Screw.....	3
8	813839	Screw.....	5
9	813846	Washer.....	9
10	480305	Cover, Rear.....	1
11	481611	Shim.....	A/R
12	NSS	Gasket.....	1
13	813813	Roller Bearing.....	1
14	813821	Pin.....	1
15	813867	Valve Plate.....	1
--	927131	Cylinder Block Kit Assembly.....	1
16	813878	Bearing Plate.....	1
17	813875	Guide Ring.....	1
18	813829	Retaining Ring.....	1
19	813855	Spring Holder.....	1
20	813856	Spring Guide.....	1
21	480306	Spring.....	1
22	813854	Spring Holder.....	1
23	813851	Pin.....	1
24	813874	Cylinder Block.....	1
25	911060	Spring.....	6
26	813866	Guide Sleeve.....	1
27	813870	Piston Retainer.....	1
28	813873	Piston Assembly.....	9
29	480307	Thrust Plate.....	1
30	813872	Pump Housing.....	1
31	813822	Pin.....	2
32	NSS	O-Ring.....	1
33	813825	Plug.....	1
34	927132	Plug Assembly.....	1
35	NSS	O-Ring.....	1
36	927505	Swash Plate Assembly.....	1
37	813885	Link.....	1
38	480288	Retaining Ring.....	2
39	813823	Pin.....	1
40	813863	Drive Shaft.....	1
41	813815	Roller Bearing.....	1
42	NSS	Gasket.....	1
43	813822	Pin.....	2

Note: Seal Kit contains items 4,6,12,32,35,42,47,48,59,60,68 & 69. Also items 3 & 4 on Control Valve on pg. 73G.

Released 7/17/87

Page 73A

TRACTION PUMP
S/N 2080 & Up



TRACTION PUMP
S/N 2080 & Up

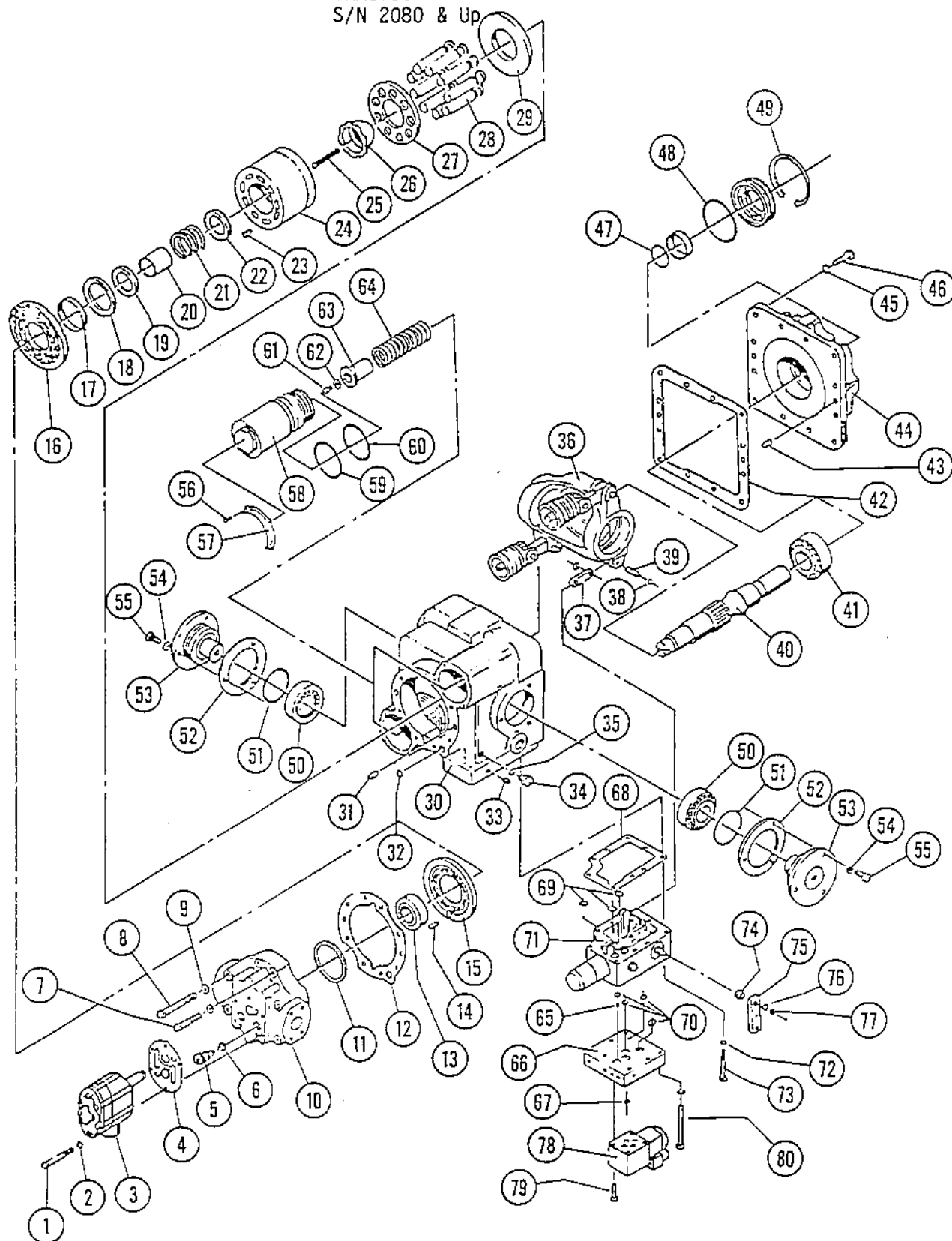
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
44	813861	Cover, Front	1
45	813846	Washer.....	12
46	813837	Screw.....	12
--	481616	Drive Shaft Seal Assembly.....	1
47	NSS	O-Ring.....	1
48	NSS	O-Ring.....	1
49	813621	Retaining Ring.....	1
50	480318	Roller Bearing.....	2
51	NSS	O-Ring.....	2
52	813858	Shim	A/R
53	813857	Bearing Journal.....	2
54	813845	Washer	6
55	813835	Screw	6
56	813840	Screw.....	4
57	813850	Sleeve Retainer.....	2
58	927136	Servo Cylinder Assembly.....	2
59	NSS	O-Ring	2
60	NSS	O-Ring	2
61	480290	Screw	2
62	480292	Washer.....	2
63	813860	Spring Guide.....	2
64	480308	Spring	2
65	910245	Orifice	1
66	927508	Connection Plate.....	1
67	927511	O-Ring.....	4
68	813634	Gasket.....	1
69	NSS	O-Ring.....	3
70	910707	O-Ring.....	4
71	927507	Control Valve, Servo, See Pg. 73H....	1
72	813844	Washer.....	9
73	813833	Screw	9
74	813888	Spacer Ring	1
75	813887	Control Lever.....	1
76	813847	Washer	1
77	813816	Nut	1
78	922305	Solenoid Valve.....	1
79	927510	Screw.....	4
80	927509	Screw.....	6

Note: Seal Kit Contains items 4,6,12,32,35,42,47,48,59,60,68 & 69. Also items 3 & 4 on Control Valve pg. 73G.

Released 7/17/87

Page 73C

TRACTION PUMP
S/N 2080 & Up



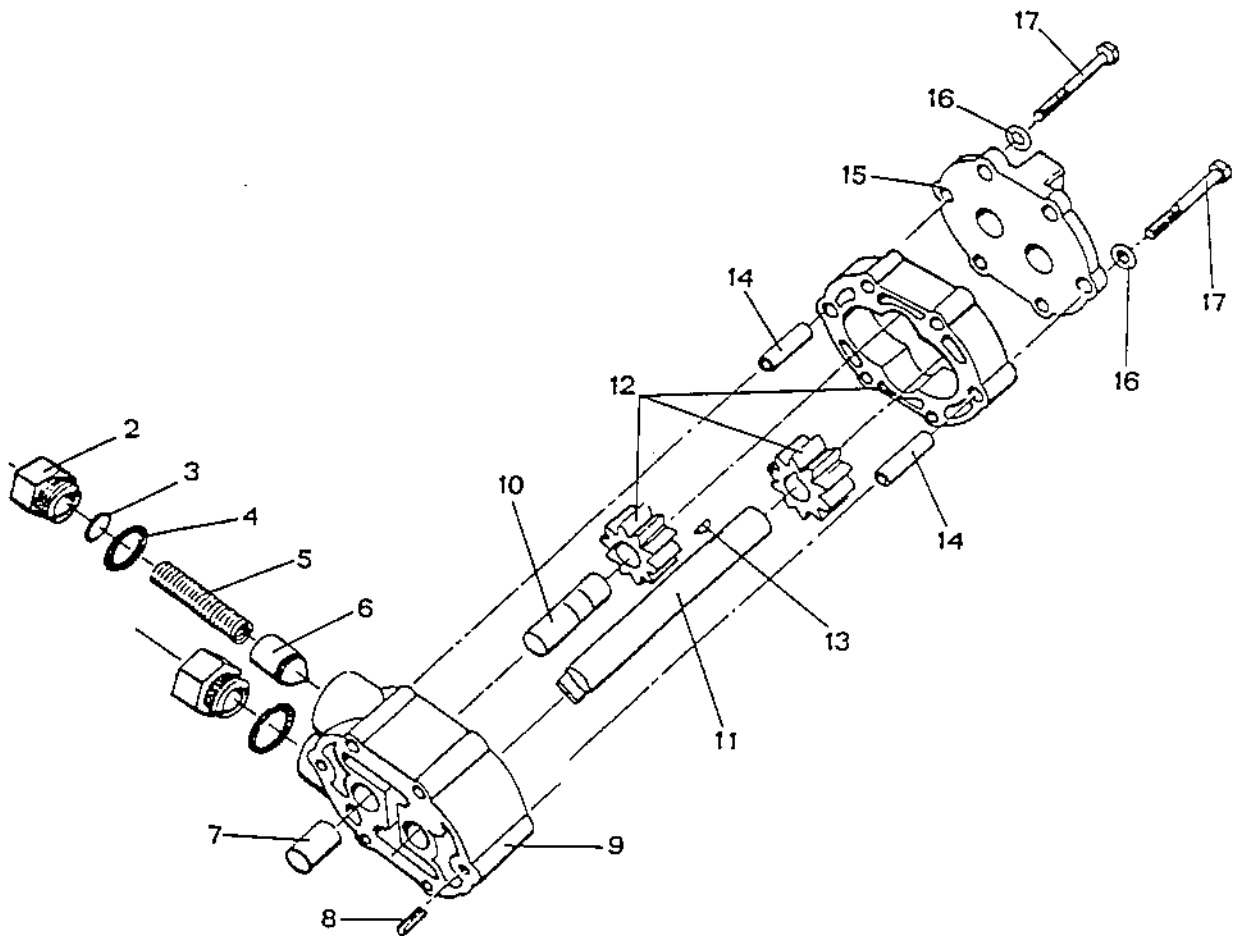
CHARGE PUMP ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	813692	Charge Pump Assembly.....	1
2	480408	Plug.....	1
3	480402	Shim.....	A/R
4	813618	O-Ring.....	1
5	480413	Spring.....	1
6	480412	Relief Valve.....	1
7	480406	Spacer.....	1
8	923075	Pin	1
9	480410	Pump Housing.....	1
10	480350	Pin	1
11	480405	Drive Shaft.....	1
12	926901	Spacer, Plate Assembly.....	1
13	480340	Key	1
14	480352	Pin	2
15	480403	End Cap.....	1
16	813844	Washer.....	2
17	480364	Screw.....	2

Released 7/17/87

Page 73E

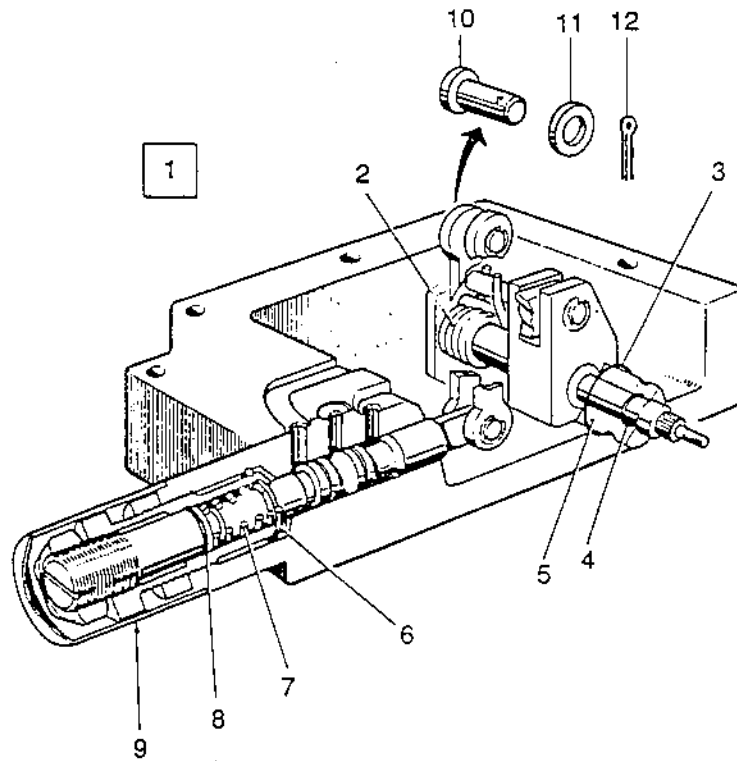
CHARGE PUMP ASSEMBLY



CONTROL VALVE ASSEMBLY
S/N 2080 & Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	927507	Control Valve Assembly	1
2	893080	Spring.....	1
3	911431	O-Ring.....	1
4	910706	O-Ring.....	1
5	922032	Bushing.....	1
6	911430	O-Ring.....	1
7	911454	Spring.....	1
8	813613	O-Ring.....	1
9	911468	Cover	1
10	813890	Pin, (Old Design).....	1
11	813844	Washer, (Old Design).....	1
12	813820	Split Pin, (Old Design).....	1

CONTROL VALVE ASSEMBLY
(S/N 2080 and Up)

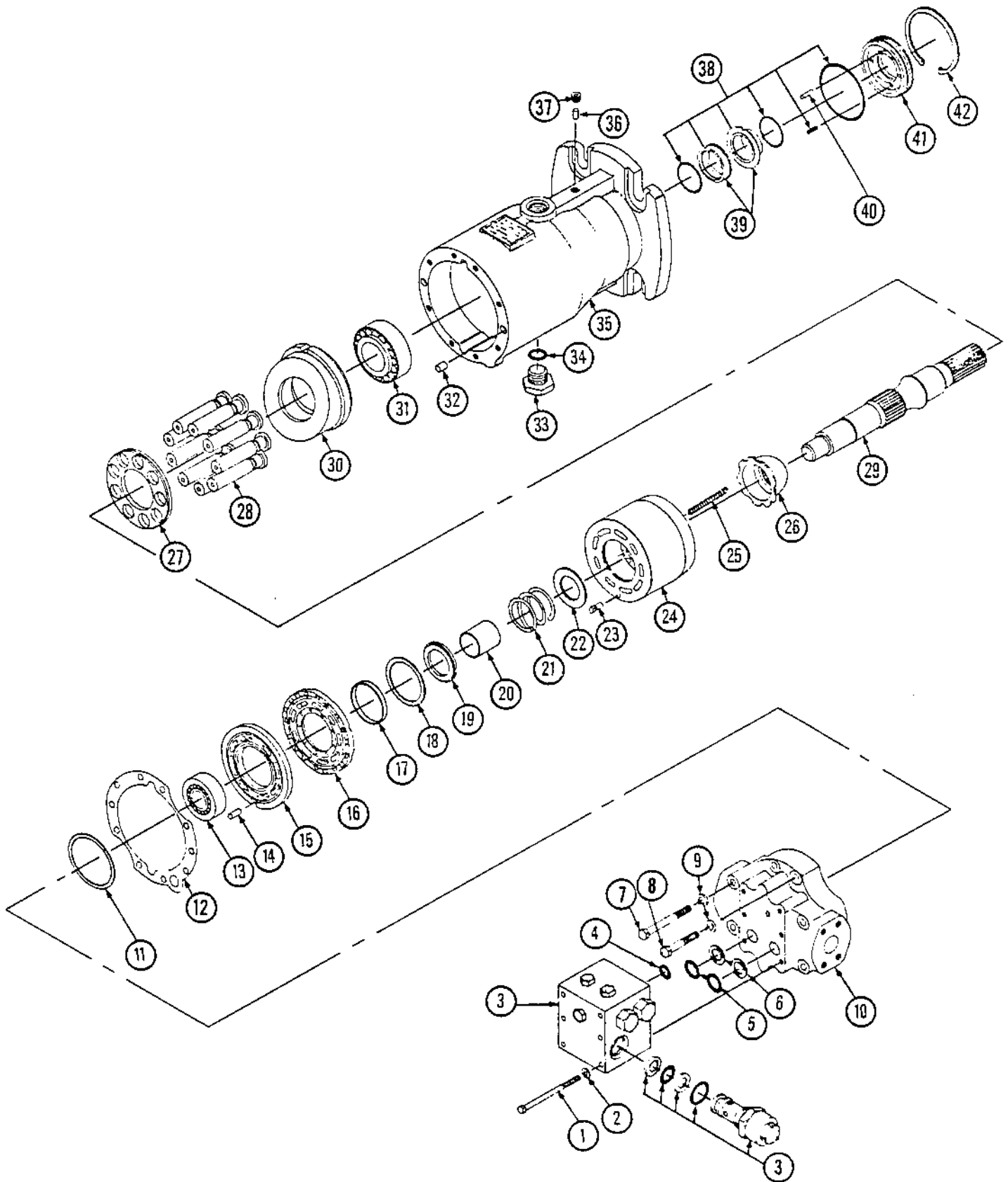


TRACTION MOTOR
(DRIVE AXLE)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	335557	Motor Assembly, Drive Axle.....	1
-	480204	Kit, Manifold Valve.....	1
1	813836	Capscrew, HH.....	6
2	813845	Washer, Flat.....	6
3	480204	Assembly, Manifold Valve (See page 76)..	1
-	481228	Kit, Seal.....	1
4	*813611	O-Ring.....	1
5	*813615	O-Ring.....	2
6	*813620	Ring, Back-Up.....	2
7	813839	Capscrew, HH.....	5
8	813838	Capscrew, HH.....	3
9	813846	Washer, Flat.....	8
10	813879	Cap, End.....	1
11	813880	Shim.....	A/R
12	*813862	Gasket, End Cap.....	1
13	813813	Bearing, Rear.....	1
14	813821	Pin.....	1
15	893010	Plate, Valve.....	1
16	813878	Plate, Bearing.....	1
--	893013	Kit, Cylinder Block.....	1
17	813875	Pilot.....	1
18	813829	Ring, Retaining.....	1
19	813855	Retainer, Spring.....	1
20	813856	Guide, Spring.....	1
21	480306	Spring, Cylinder Block.....	1
22	813584	Seat, Spring.....	1
23	813851	Pin.....	1
24	813874	Assembly, Cylinder Block.....	1
25	813853	Spring, Retainer.....	9
26	813866	Guide, Retainer.....	1
27	813870	Retainer, Slipper.....	1
28	813873	Assembly, Piston.....	9
29	813864	Shaft, Drive.....	1
30	813876	Swashplate.....	1
31	813815	Bearing, Front.....	1
32	813822	Pin.....	2
33	813827	Plug, HH.....	1
34	*813618	O-Ring.....	1
35	813865	Housing, Motor.....	1
36	813821	Pin.....	1
37	813825	Plug, Pipe.....	1
--	813626	Kit, Seal.....	1
38	*893065	Kit, Seal.....	1
39	*813624	Seal.....	1
40	813619	Pin, Groove.....	1
41	813622	Retainer, Seal.....	1
42	813621	Ring, Retaining.....	1
*	911596	Kit, Seal (All O-Rings, Gaskets & Seals).	1

Rev. 7/17/87

TRACTION MOTOR (DRIVE AXLE)



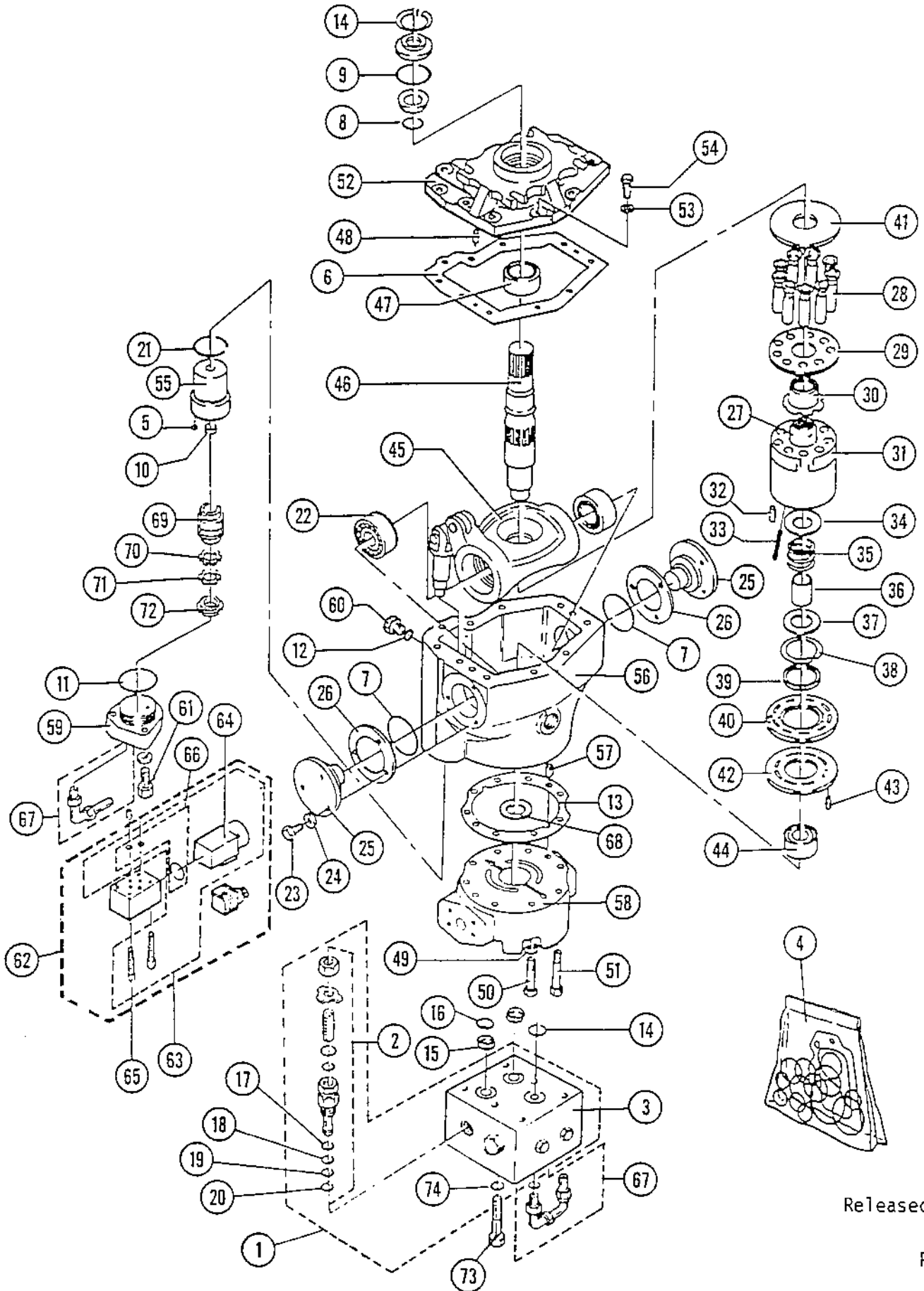
TRACTION MOTOR, DRIVE AXLE
S/N 2080 and UP

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
-	348531	Hydraulic Motor, Drive Axle.....	1
1	926282	Valve Assembly.....	1
2	926266	Relief Valve Assembly.....	2
3	926258	Valve Housing Assembly.....	1
4	900190	Seal Kit.....	1
5	NSS	O-Ring.....	2
6	NSS	Gasket.....	1
7	NSS	O-Ring.....	2
8	NSS	O-Ring.....	1
9	NSS	O-Ring.....	1
10	NSS	Bearing.....	1
11	NSS	O-Ring.....	1
12	NSS	O-Ring.....	1
13	NSS	Gasket.....	1
14	NSS	O-Ring.....	1
15	NSS	O-Ring.....	2
16	NSS	Back-Up Ring.....	2
17	NSS	O-Ring.....	2
18	NSS	Back-Up Ring.....	2
19	NSS	O-Ring.....	2
20	NSS	Back-Up Ring	2
21	NSS	O-Ring	2
22	481078	Bearing	2
23	481082	Screw.....	6
24	813846	Washer.....	6
25	481086	Bearing Journal.....	2
26	481087	Shim	1
27	924615	Cylinder Block Kit.....	1
28	912095	Piston Kit	9
29	481099	Retainer	1
30	481095	Guide Sleeve.....	1
31	481100	Cylinder Block	1
32	481163	Pin.....	1
33	481084	Spring.....	6
34	481088	Seat Spring.....	1
35	481083	Spring.....	1
36	481085	Guide Spring.....	1
37	481089	Spring Plate.....	1
38	481081	Retaining Ring.....	1

Released 7/17/87

Page 75A

TRACTION MOTOR, DRIVE AXLE S/N 2080 & up



Released 7/17/87

Page 75 B

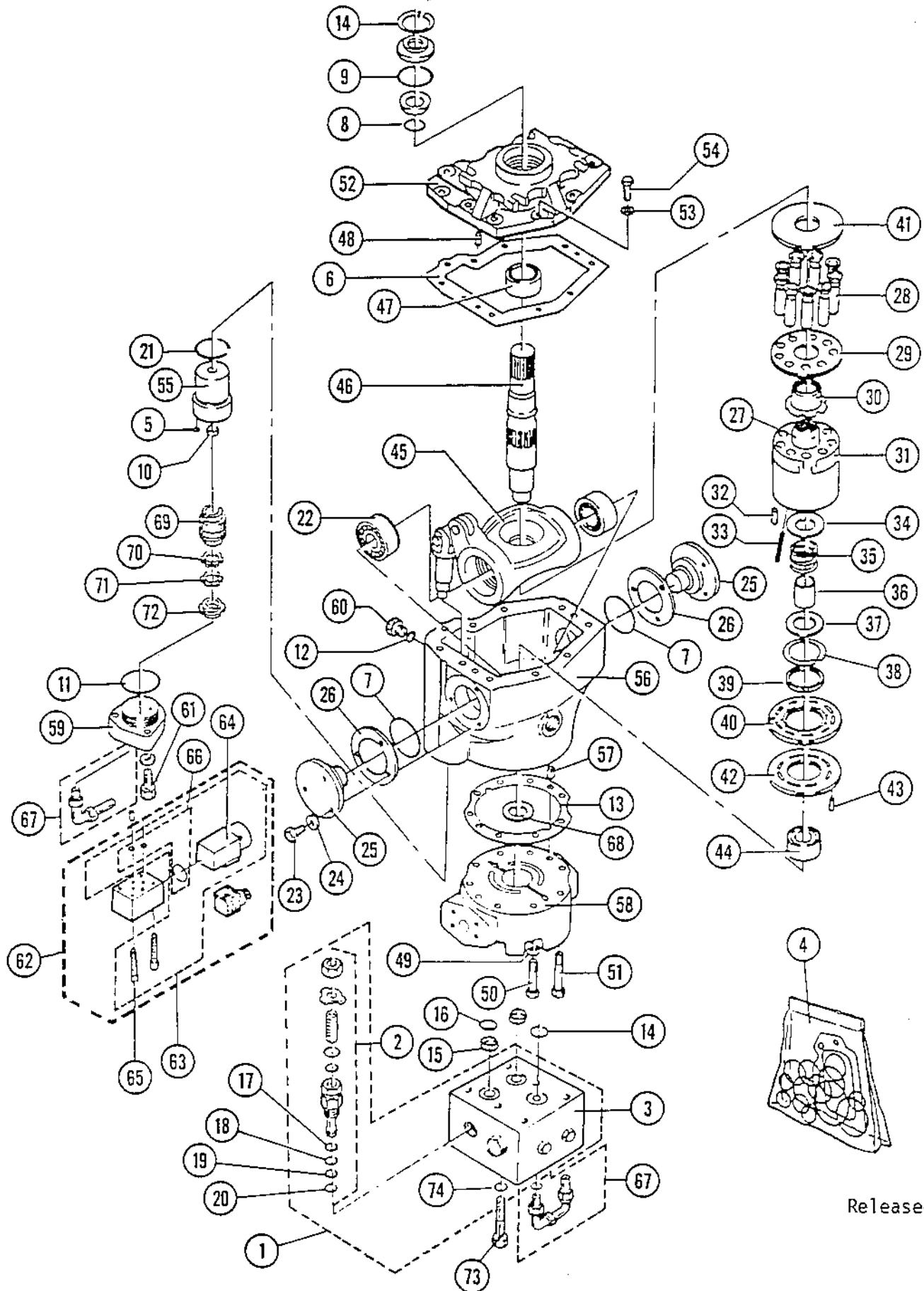
TRACTION MOTOR, DRIVE AXLE
S/N 2080 and Up

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
39	481101	Guide Ring.....	1
40	481105	Bearing Plate	1
41	481098	Thrust Plate	1
42	912090	Bearing Plate.....	1
43	481130	Pin	1
44	481077	Bearing	1
45	926671	Swash Plate Assembly.....	1
46	922299	Shaft	1
47	481079	Bearing	1
48	481131	Pin	2
49	813846	Washer.....	9
50	813838	Screw	3
51	813839	Screw	5
52	922360	Cover.....	1
53	912095	Washer	10
54	813837	Screw.....	9
55	924603	Servo Sleeve.....	1
56	922303	Housing.....	1
57	481131	Pin.....	2
58	NSS	Housing.....	1
59	924614	Control Plate Assembly	1
60	481132	Plug.....	1
61	481196	Screw.....	3
62	924616	Solenoid Valve Assembly	1
63	924612	Installation Kit.....	1
64	924611	Solenoid.....	1
65	924610	Screw	4
66	924579	Seal Kit	1
67	900189	Hose Assembly	2
68	NSS	Shim.....	1
69	926921	Servo Piston	1
70	926923	Washer.....	1
71	926924	Washer.....	1
72	926922	Nut	1
73	900187	Screw	6
74	900188	Washer.....	6

Released 7/17/87

Page 75C

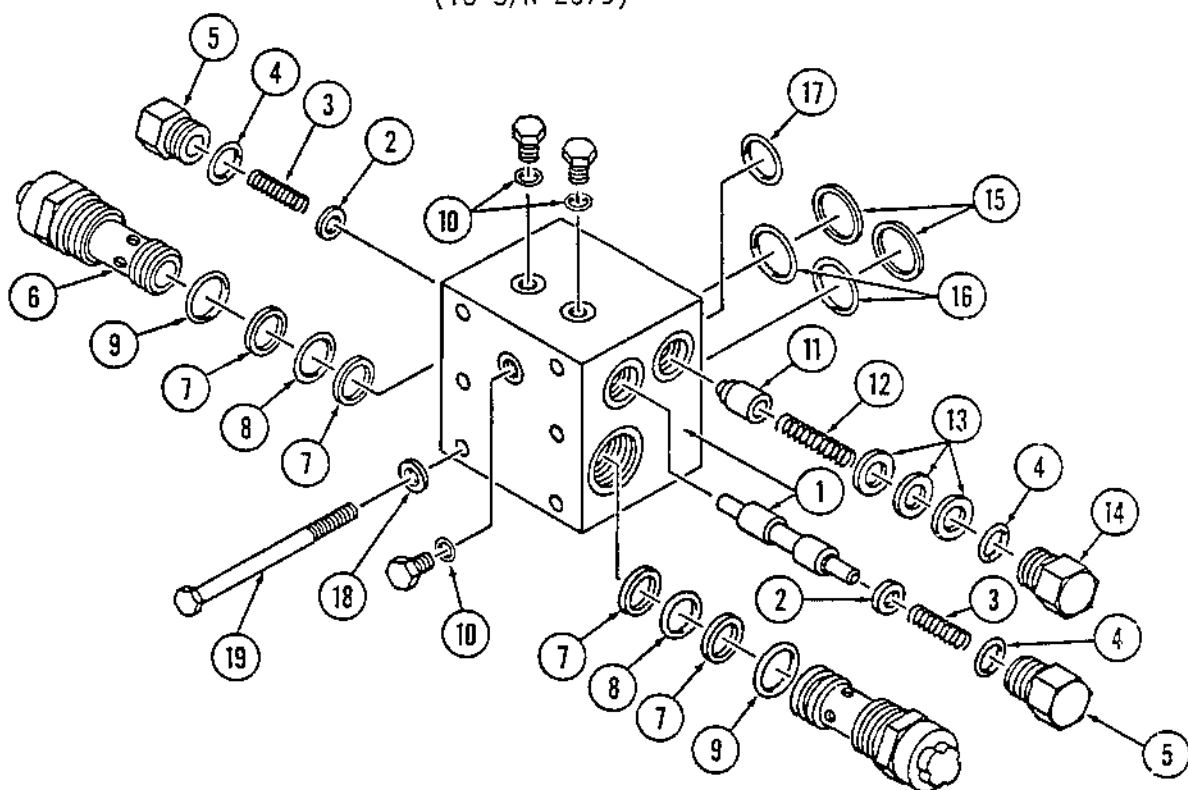
TRACTION MOTOR, DRIVE AXLE S/N 2080 & Up



Released 7/17/87

MANIFOLD VALVE ASSEMBLY

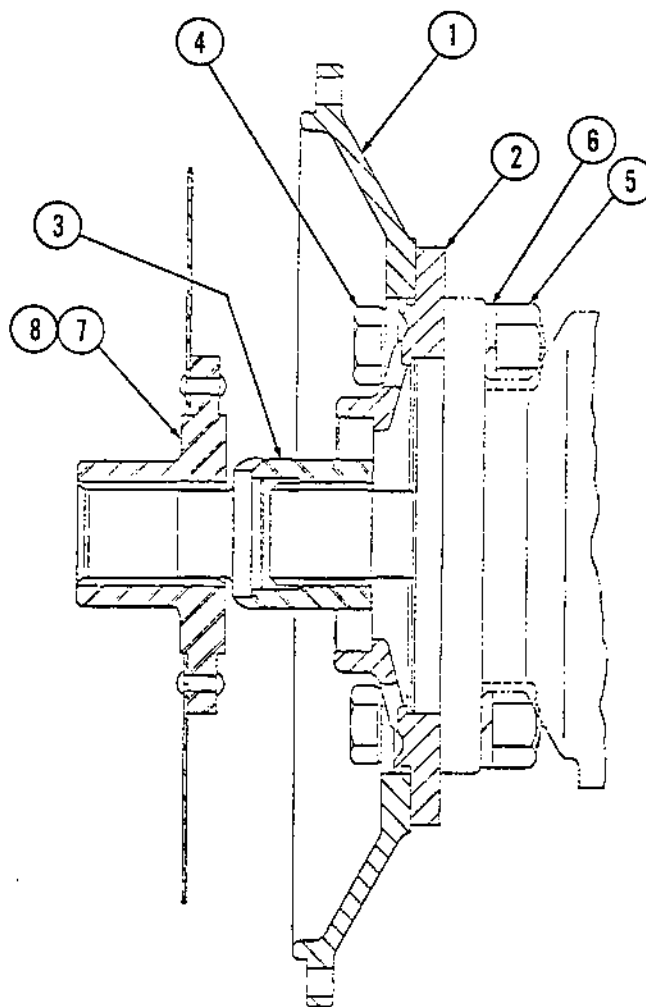
(To S/N 2079)



INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	480204	Valve, Manifold Assembly	1
1	NSS	Housing & Shuttle Assembly	1
2	480637	Washer	2
3	480407	Spring, Shuttle Valve	2
4	813618	O-Ring	3
5	480408	Plug, Hex	2
6	813627	Valve, High Pressure Relief	2
7	480355	Ring, Back-Up	2
8	480344	O-Ring	1
9	480348	O-Ring	1
10	813617	O-Ring	3
11	233194	Valve, Charge Relief	1
12	911068	Spring, Charge Relief	1
13	480402	Shims	3
14	480408	Plug, Hex	1
15	813620	Ring, Back-Up	2
16	813615	O-Ring	2
17	813611	O-Ring	1
18	813845	Washer, Plain	6
19	813836	Screw, HH Cap	6

Rev. 7/17/87

PUMP DRIVE ASSEMBLY

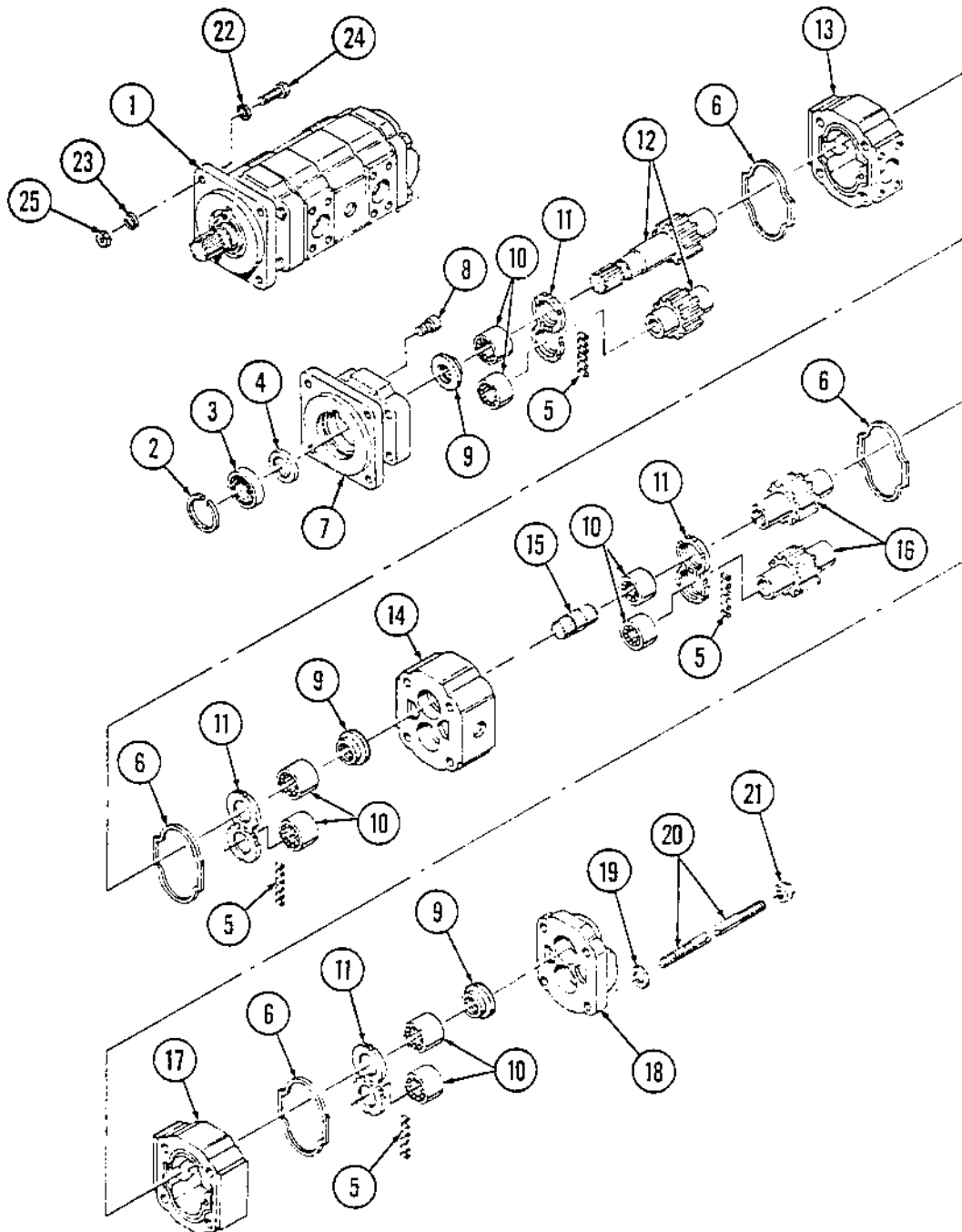


INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	801052	Pump Drive Assembly.....	1
1	480282	Engine Adapter, SAE #4.....	1
2	813599	Pump Adapter "C".....	1
3	416067	Shaft, Direct Drive.....	1
4	813895	Bolt.....	4
5	813896	Nut.....	4
6	604033	Lockwasher.....	4
7	480283	Drive Plate Assembly,(Detroit Eng.).....	1
8	480919	Drive Plate Assembly,(J. Deere Eng.).....	1

VIBRATION & STEERING PUMP

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801699	Pump Assembly, Vibration and Steering.....	1
2	813677	Ring, Snap.....	1
3	813673	Bearing, Ball.....	1
-	921848	Kit, Seal.....	1
4	813919	Seal, Double Lip.....	1
5	813646	Seal, Pocket.....	24
6	813668	Seal, Gasket.....	4
7	813904	Cover, Shaft End.....	1
8	813907	Plug.....	1
9	813656	Seal, Ring.....	3
10	813921	Bearing, Roller.....	8
11	813642	Plate, Thrust.....	4
12	813894	Gear Set, Shaft & Driven.....	1
13	480908	Housing, Gear.....	1
14	480334	Carrier, Bearing.....	1
15	813922	Shaft, Splined.....	1
16	480553	Gear Set, Shaft & Driven.....	1
17	813664	Housing, Gear.....	1
18	813923	Cover, Port End.....	1
19	813915	Washer.....	4
20	813892	Stud.....	4
21	813917	Hex Nut.....	4
22	600010	Washer, Flat.....	4
23	604028	Lockwasher.....	4
24	502060	Capscrew, HH.....	4
25	571005	Hex Nut.....	4

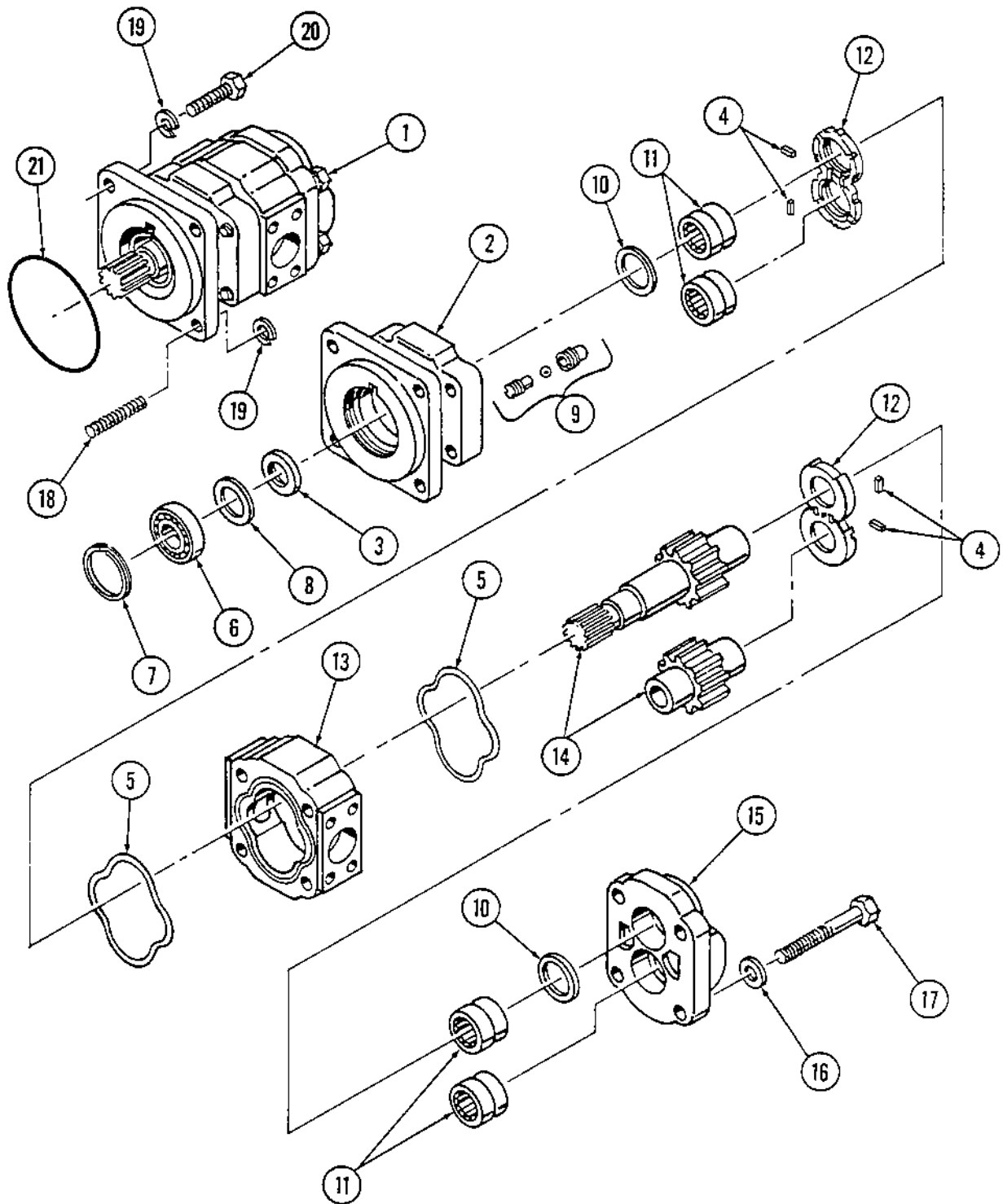
VIBRATION & STEERING PUMP



VIBRATION MOTOR

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801054	Motor, Vibration.....	2
2	891495	Cover, Shaft End.....	1
-	921563	Kit, Seal.....	1
3	480563	Seal, Shaft.....	1
4	813646	Seal, Pocket.....	12
5	813668	Seal, Gasket.....	2
6	813673	Bearing.....	1
7	813677	Ring, Snap.....	1
8	891019	Retainer, Seal.....	1
9	480499	Assembly, Check.....	2
10	813656	Seal, Ring.....	2
11	813921	Bearing, Roller.....	4
12	813642	Plate, Thrust.....	2
13	480333	Housing, Gear.....	1
14	480329	Gear Set, Drive & Shaft.....	1
15	813920	Cover, Port End.....	1
16	813915	Lockwasher.....	4
17	813918	Capscrew, HH.....	4
18	502057	Bolt, HH.....	2
19	604030	Lockwasher.....	4
20	502058	Capscrew, HH.....	2
21	813478	O-Ring.....	2

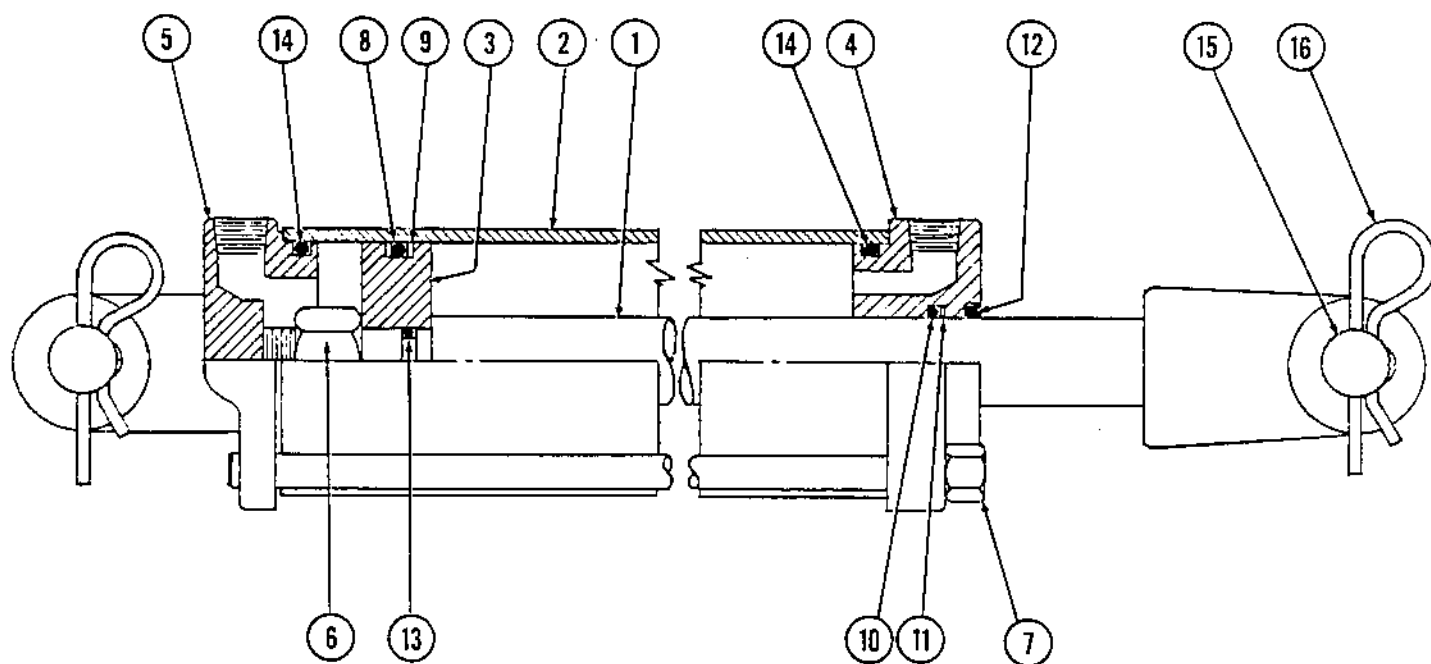
VIBRATION MOTOR



STEERING CYLINDER
ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	335560	Assembly, Steering Cylinder.....	2
1	891827	Assy.,Piston Rod (Includes Rod/Clevis)	1
2	813538	Tube.....	1
3	813539	Piston.....	1
4	813541	Gland.....	1
5	813772	Butt.....	1
6	813543	Lock Nut.....	1
7	813773	Tie Rod.....	4
-	813551	Kit, Packing.....	1
8	813546	O-Ring.....	1
9	813549	Washer, Back-up.....	2
10	813545	O-Ring.....	1
11	813548	Washer, Back-up.....	1
12	813550	Wiper.....	1
13	813544	O-Ring.....	1
14	813547	O-Ring.....	2
15	635022	Pin, Clevis.....	2
16	635020	Clip, Hairpin.....	4

STEERING CYLINDER ASSEMBLY

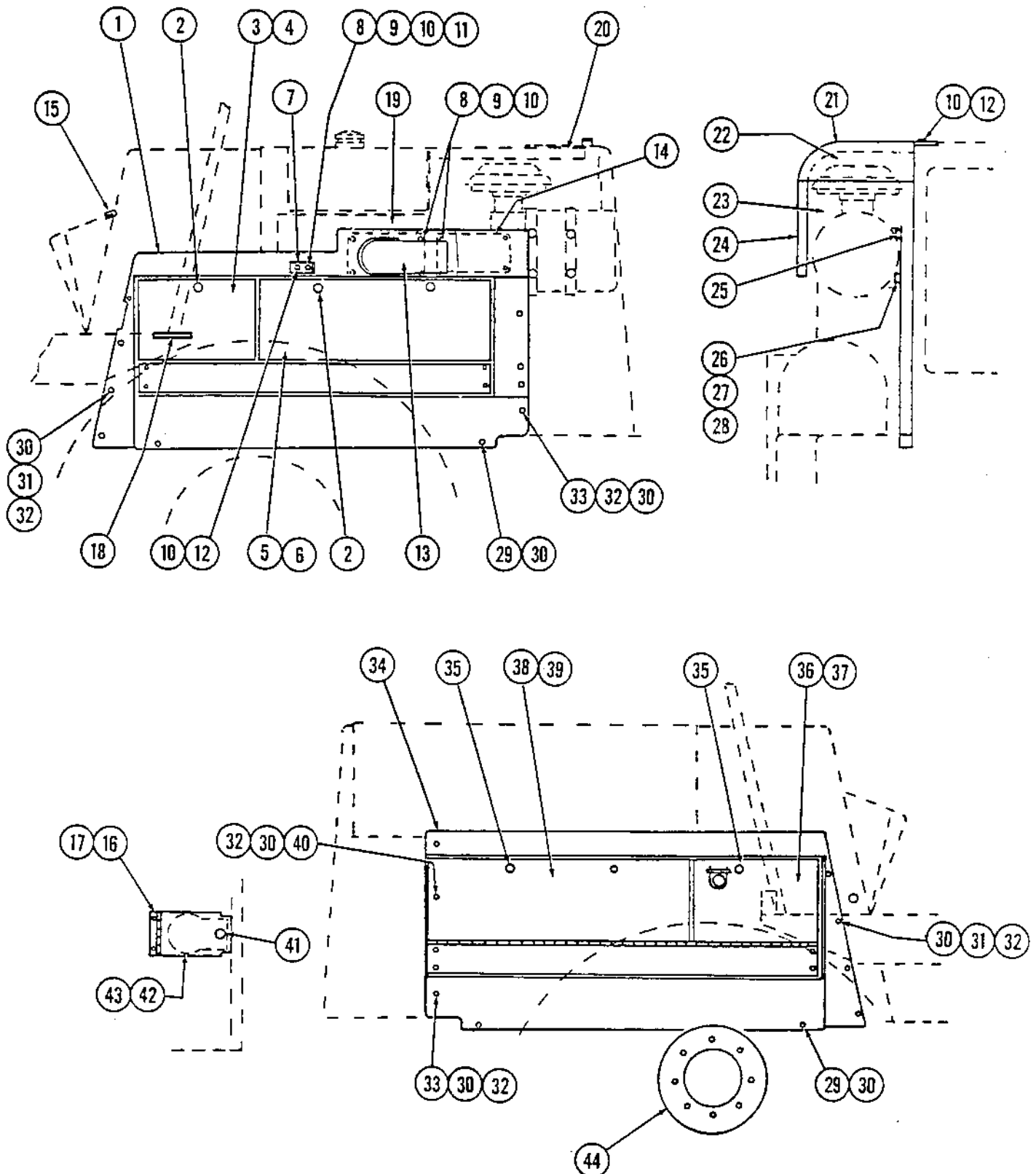


NOISE REDUCTION KIT
(DETROIT ENGINE)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	815735	Kit, Noise Reduction, Detroit Engine.....	1
1	815725	Cover Assy. L.H.Engine.....	1
2	475046	Fastener, Pawl.....	3
3	815723	Door, L.H.Front.....	1
4	815724	Pad, Soundfoam.....	1
5	815722	Door, L.H.Rear.....	1
6	815733	Pad, Soundfoam.....	1
7	815683	Clip, Mounting.....	1
8	502033	Capscrew, HH.....	9
9	600007	Washer, Flat.....	9
10	604028	Lockwasher.....	14
11	571003	Hex nut.....	1
12	503073	Capscrew, HH.....	5
13	815579	Adapter, Air Inlet.....	1
14	815380	Cover.....	1
15	80126501	Channel, Rubber (10 ft. or 3.05 m).....	1
16	503009	Capscrew, HH.....	2
17	604027	Lockwasher.....	2
18	815730	Pad, Soundfoam.....	1
19	815731	Pad, Soundfoam.....	1
20	815729	Pad, Soundfoam.....	1
21	815412	Cover, Air Cleaner.....	1
22	815405	Pad, Soundfoam.....	1
23	815406	Pad, Soundfoam.....	1
24	815730	Pad, Soundfoam.....	1
25	815581	Spacer.....	4
26	532025	Stud.....	4
27	604027	Lockwasher.....	4
28	572002	Hexnut.....	4
29	502039	Capscrew, HH.....	4
30	604028	Lockwasher.....	19
31	502036	Capscrew.....	8
32	571003	Hex nut.....	15
33	502040	Capscrew, HH.....	6
34	815720	Cover Assy. R.H.Engine.....	1
35	475046	Fastener, Pawl.....	3
36	815718	Door, R.H.Front.....	1
37	815719	Pad, Soundfoam.....	1
38	815717	Door, R.H.Rear.....	1
39	815734	Pad, Soundfoam.....	1
40	502035	Capscrew, HH.....	1
41	801201	Fastener, Pawl.....	1
42	815411	Cover, Radiator Fill.....	1
43	815407	Pad, Soundfoam.....	1
44	*815726	Spacer, Wheel (See Note).....	2

*NOTE: This Part is used on Axle behind Wheel & Tire Assembly.

NOISE REDUCTION KIT
(Detroit Eng.)



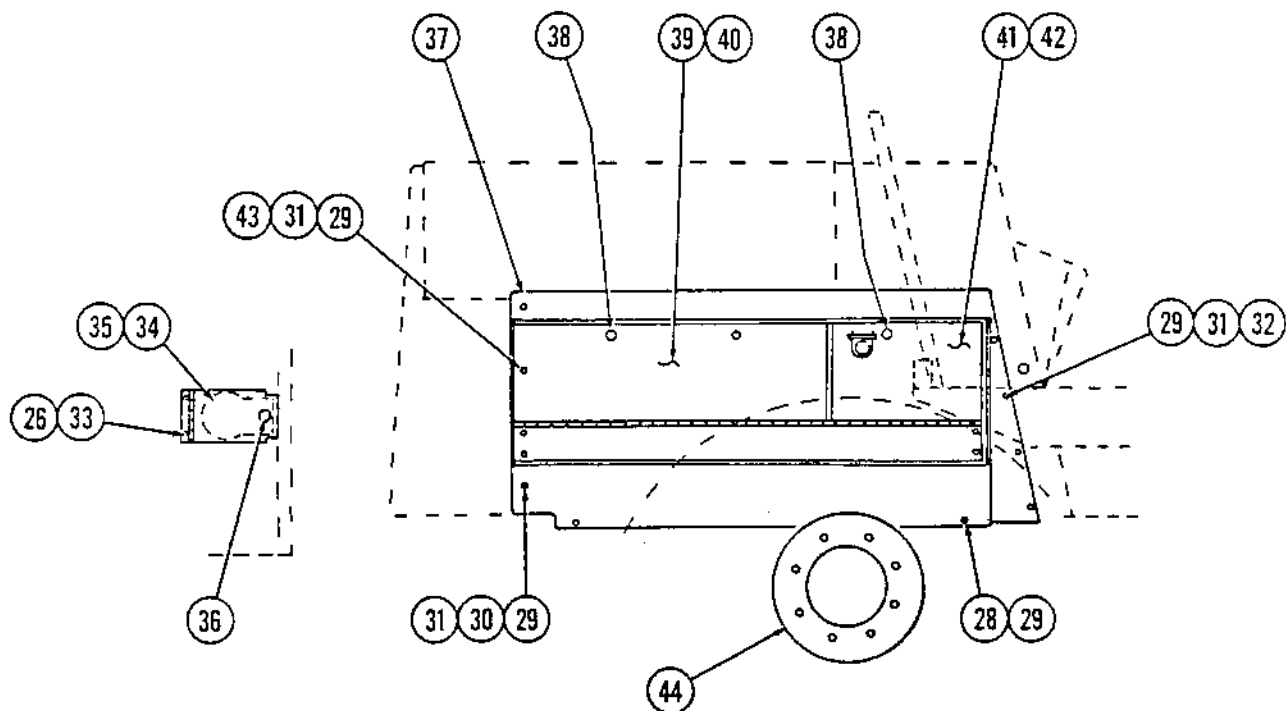
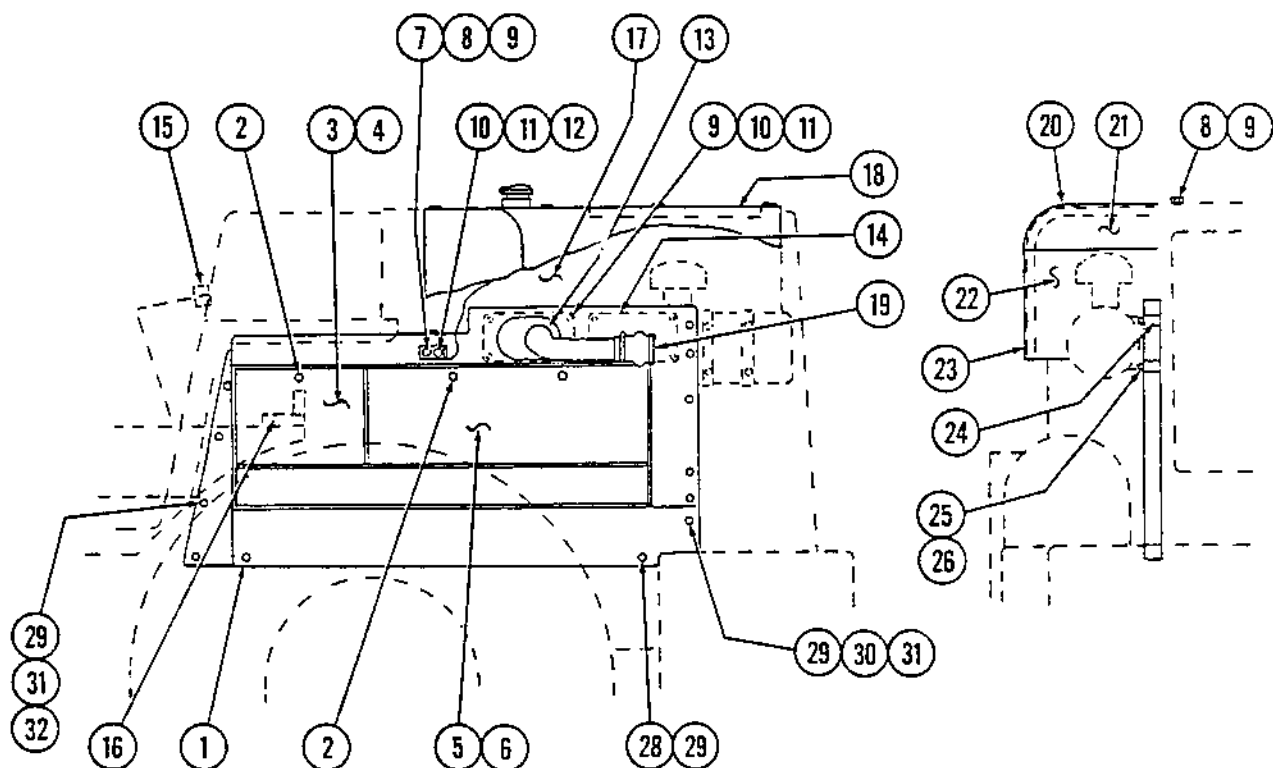
NOISE REDUCTION KIT

(John Deere Eng.)

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	815736	Kit, Noise Reduction, John Deere.....	1
1	815725	Cover Assy. L.H.Engine.....	1
2	475046	Fastener, Pawl.....	3
3	815723	Door, L.H.Front.....	1
4	815724	Pad, Soundfoam.....	1
5	815722	Door, L.H.Rear.....	1
6	815733	Pad, Soundfoam.....	1
7	815683	Clip, Mounting.....	1
8	503073	Capscrew, HH.....	4
9	604028	Lockwasher.....	12
10	502033	Capscrew, HH.....	8
11	600007	Washer, Flat.....	8
12	801272	Washer, Sealing.....	3
13	815580	Adapter, Air Inlet.....	1
14	815380	Cover.....	1
15	80126501	Channel, Rubber (10 ft.or 3.05m)	1
16	815730	Pad, Soundfoam.....	1
17	815731	Pad, Soundfoam.....	1
18	815729	Pad, Soundfoam.....	1
19	801468	Reducer, Hump.....	1
20	815412	Cover, Air Cleaner.....	1
21	815405	Pad, Soundfoam.....	1
22	815406	Pad, Soundfoam.....	1
23	815467	Pad, Soundfoam.....	1
24	815581	Spacer.....	4
25	532025	Stud.....	4
26	604027	Lockwasher.....	6
27	571002	Hex Nut.....	4
28	502039	Capscrew, HH.....	4
29	604028	Lockwasher.....	19
30	502040	Capscrew, HH.....	6
31	571003	Hex Nut.....	15
32	502036	Capscrew, HH.....	8
33	503009	Capscrew, HH.....	2
34	815411	Cover, Radiator Fill.....	1
35	815407	Pad, Soundfoam.....	1
36	801201	Fastener, Pawl.....	1
37	815720	Cover Assy. R.H.Engine.....	1
38	475046	Fastener, Pawl.....	3
39	815717	Door, R.H.Rear.....	1
40	815734	Pad, Soundfoam.....	1
41	815718	Door, R.H.Front.....	1
42	815719	Pad, Soundfoam.....	1
43	502035	Capscrew, HH.....	1
44	*815726	Spacer, Wheel (See Note).....	2

*NOTE: This Part is used on Axle behind Wheel & Tire Assembly.

NOISE REDUCTION KIT
(John Deere Eng.)

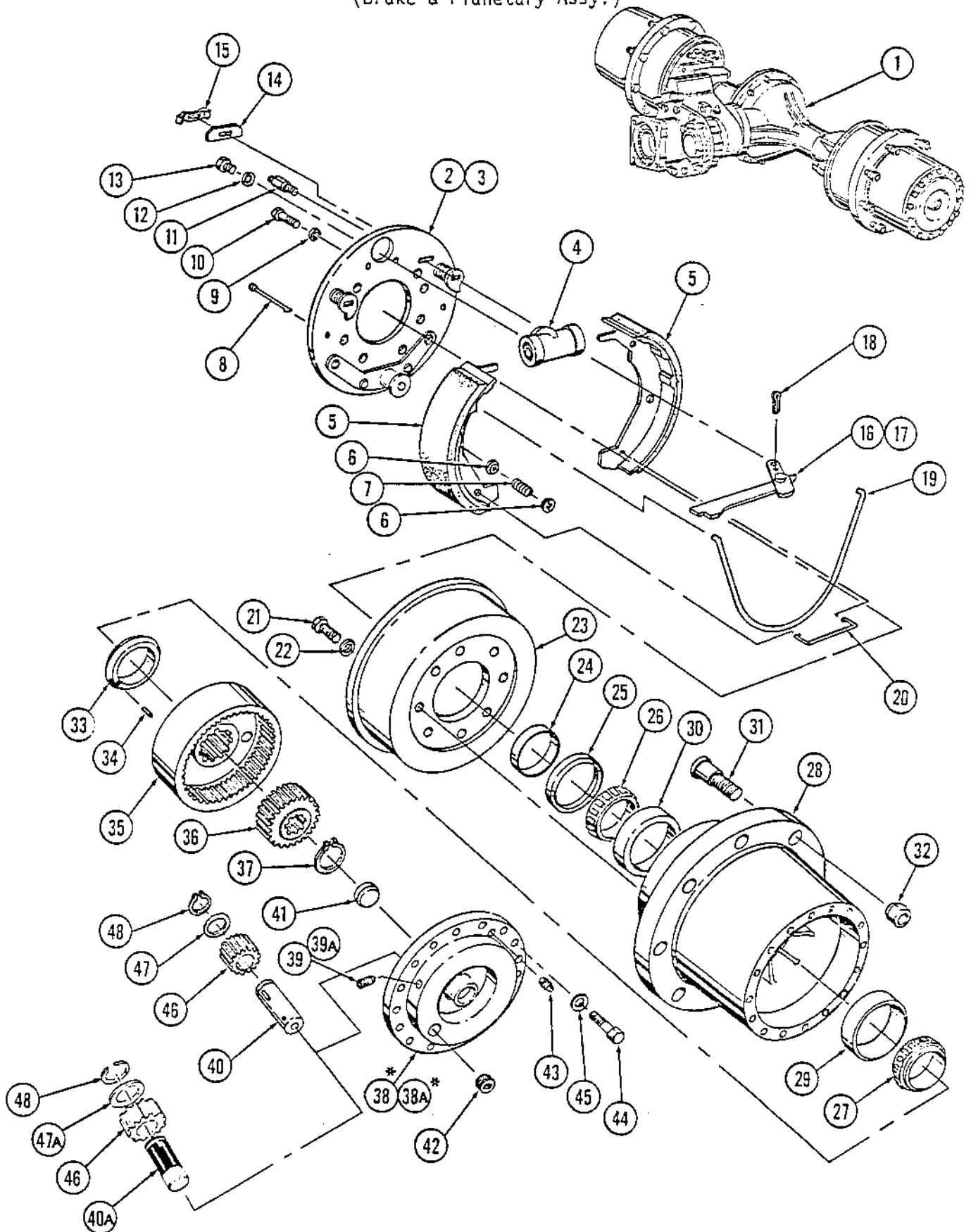


AXLE ASSEMBLY
(Brake & Planetary Assy.)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	347854	Axle Assembly, (From S/N 1926 & Up).....	1
-	801659	Axle Assembly (from s/n 1027 to 1925)....	1
-	NSS	Axle Assembly (to s/n 1026 See NOTE).....	1
2	416096	Backing Plate, L.H. (shown)	1
3	416095	Backing Plate, R.H.	1
4	416098	Wheel Cylinder Assembly	2
5	416097	Shoe, Brake (with Lining)	4
6	416144	Retainer, Anti Rattle Rod	8
7	416163	Spring, Anti Rattle Rod	4
8	416143	Rod, Anti Rattle	4
9	814041	Lockwasher, Wheel Cylinder	4
10	814036	Capscrew, Wheel Cylinder	4
11	416121	Bleeder Screw, Wheel Cylinder	2
12	813984	Gasket, Inlet Connection	2
13	416142	Inlet Connection, Cylinder	2
14	416160	Cover, Control Lever	2
15	416138	Spring, Lever Cover	2
16	416183	Link, Brake Control, L.H.	1
17	416182	Link, Brake Control, R.H.	1
18	893494	Cotter Pin, Lever Cover	2
19	416139	Spring, Brake Shoe Return	2
20	416137	Spring, Brake Shoe Retaining	2
21	416114	Bolt, Brake Drum to Hub	16
22	416223	Washer, Brake Drum to Hub	16
23	416187	Drum, Brake	2
24	416118	Wear Sleeve, Oil Seal	2
25	891066	Oil Seal, Hub Bearing	2
26	416178	Cone, Hub Bearing Inner	2
27	416177	Cone, Hub Bearing Outer	2

NOTE: For Axle Assembly to S/N 1026 replacement, consult the Manufacturer's Parts Department.

AXLE ASSEMBLY
(Brake & Planetary Assy.)



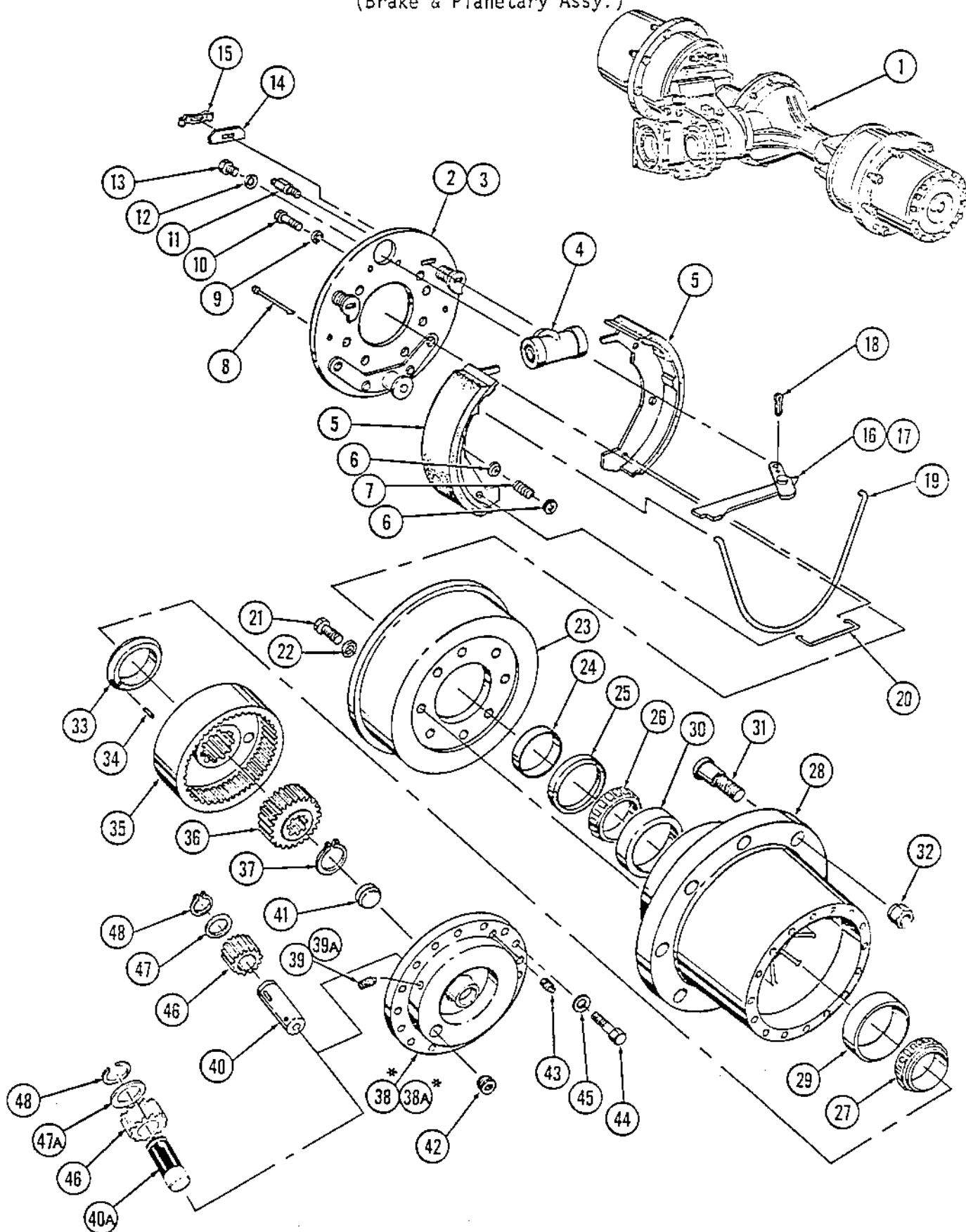
AXLE ASSEMBLY
(Brake & Planetary Assy.)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
28	416116	Hub, Wheel	2
29	416179	Cup, Hub Bearing Outer	2
30	416179	Cup, Hub Bearing Inner	2
31	813939	Stud, Wheel	16
32	813694	Nut, Wheel	16
33	891068	Nut, Hub Bearing Adjusting	2
34	416148	Pin, Hub Bearing Adj. Nut	2
35	416192	Gear, Planetary Ring	2
36	814000	Gear, Planetary Sun	2
37	813966	Snap Ring, Axle Shaft	2
38	*416175 (See Note)	Spider Assy., Planetary	2
39	814037	Setscrew, Planetary Pinion Shaft ..	3
40	813997	Shaft, Planetary Pinion	3
41	416151	Button, Axle Shaft Thrust	1
42	814034	Plug, Planetary Spider Filler	2
43	814033	Plug, Planetary Spider Drain	2
44	416165	Capscrew, Planetary Spider to Hub ..	32
45	416126	Washer, Planetary Spider to Hub	32
46	813998	Pinion, Planetary	6
47	813961	Washer, Planetary Pinion Thrust	6
48	813967	Snap Ring, Planetary Pinion Shaft ...	6

* NOTE: If item 40 (Planetary Pinion Shaft) has a black nylon coating, use the parts listed below. The Vendor tag on the Axle should read, PRTA-134-FSH116:

38A	923803	Spider Assembly, Planetary.....	2
39A	922999	Setscrew, Planetary Pinion Shaft...	3
40A	923804	Shaft, Planetary Pinion.....	3
41	416151	Button, Axle Shaft.....	1
47A	923805	Washer, Planetary Pinion Thrust ...	3

AXLE ASSEMBLY (Brake & Planetary Assy.)

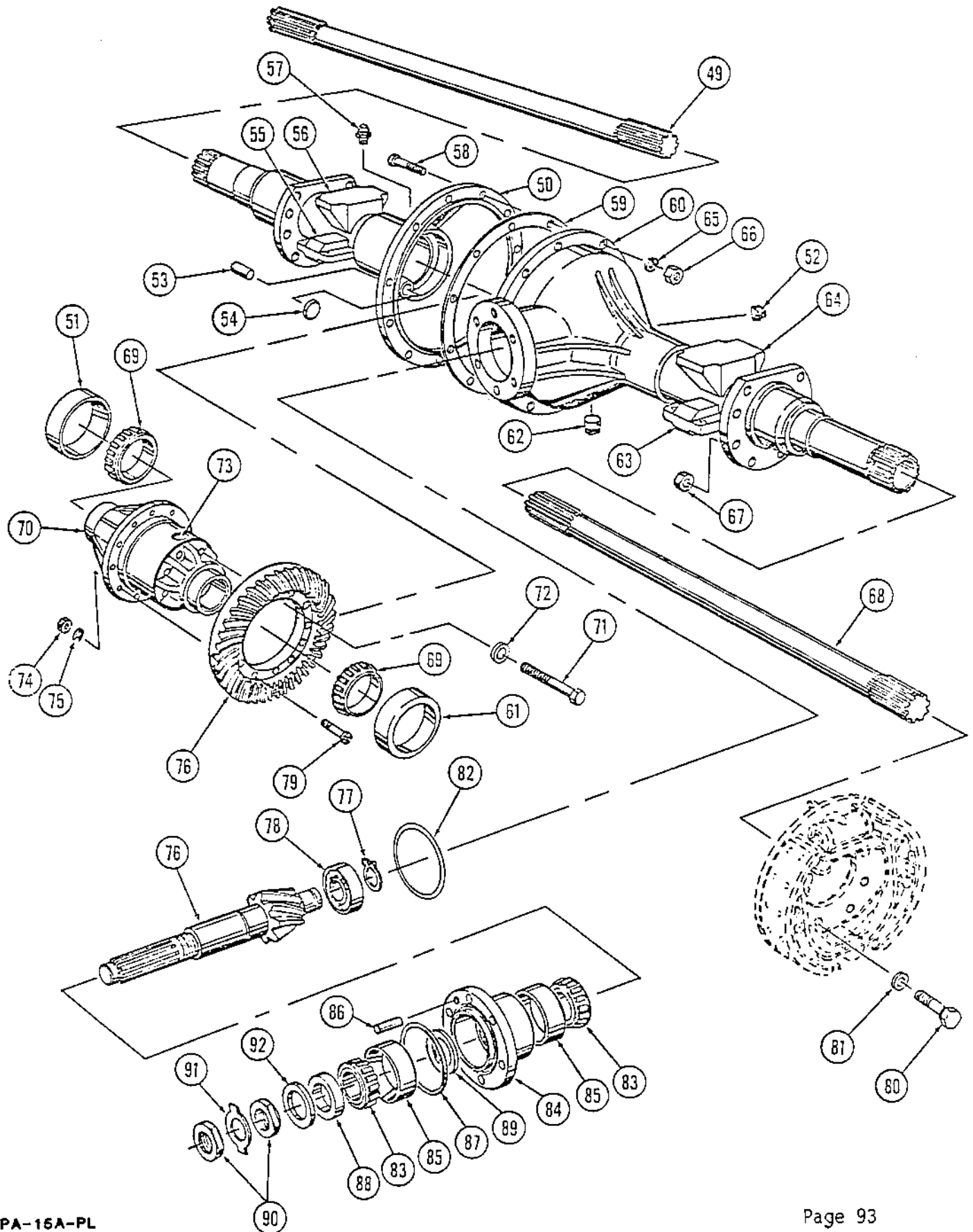


AXLE ASSEMBLY
(Differential & Axle Assembly)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
49	416168	Shaft, Axle Long.....	1
50	911398	Carrier Cover & Tube Assy. (From S/N 1330,1334 & Up).....	1
--	910224	Carrier Cover & Tube Assy. (From S/N 1027 to 1329,1331 to 1333)..	1
--	910221	Carrier Cover & Tube Assy. (Up to S/N 1026).....	1
51	814002	Cup, Differential Bearing.....	1
52	416108	Plug, Diff. Drain & Filler.....	1
53	416133	Pin, Bevel Gear Thrust Block.....	1
54	416158	Thrust Block, Bevel Drive Gear.....	1
55	416189	Seat, Spring Lower.....	1
56	416188	Seat, Spring Upper.....	1
57	423054	Breather, Axle Housing.....	1
58	911702	Bolt,Diff. Carrier Flange.....	11
59	416154	Gasket, Diff. Carrier Flange.....	1
60	416166	Carrier & Tube Assy. (From S/N 1330, 1334 and Up).....	1
--	911399	Carrier & Tube Assy. (From S/N1027 to 1329, 1331 to 1333).	1
--	910219	Carrier & Tube Assy. (Up to S/N 1026).....	1
61	814002	Cup, Diff. Bearing.....	1
62	416108	Plug, Diff. Drain & Filler.....	1
63	416189	Seat, Spring Lower.....	1
64	416188	Seat, Spring Upper.....	1
65	416126	Lockwasher, Diff. Carrier Flange.....	11
66	814032	Nut, Diff. Carrier Flange.....	11
67	416106	Nut, Spindle to Backing Plate (To S/N 1329, 1331 to1333).....	16
68	416167	Shaft, Axle Short.....	1
69	416195	Cone, Diff. Bearing.....	2
70	911700	Differential Case.....	1
71	416223	Washer, Diff. Case.....	8
72	910229	Capscrew, Diff. Case.....	8
73	416405	Differential Assembly (No Spin).....	1

Rev. 7/17/87

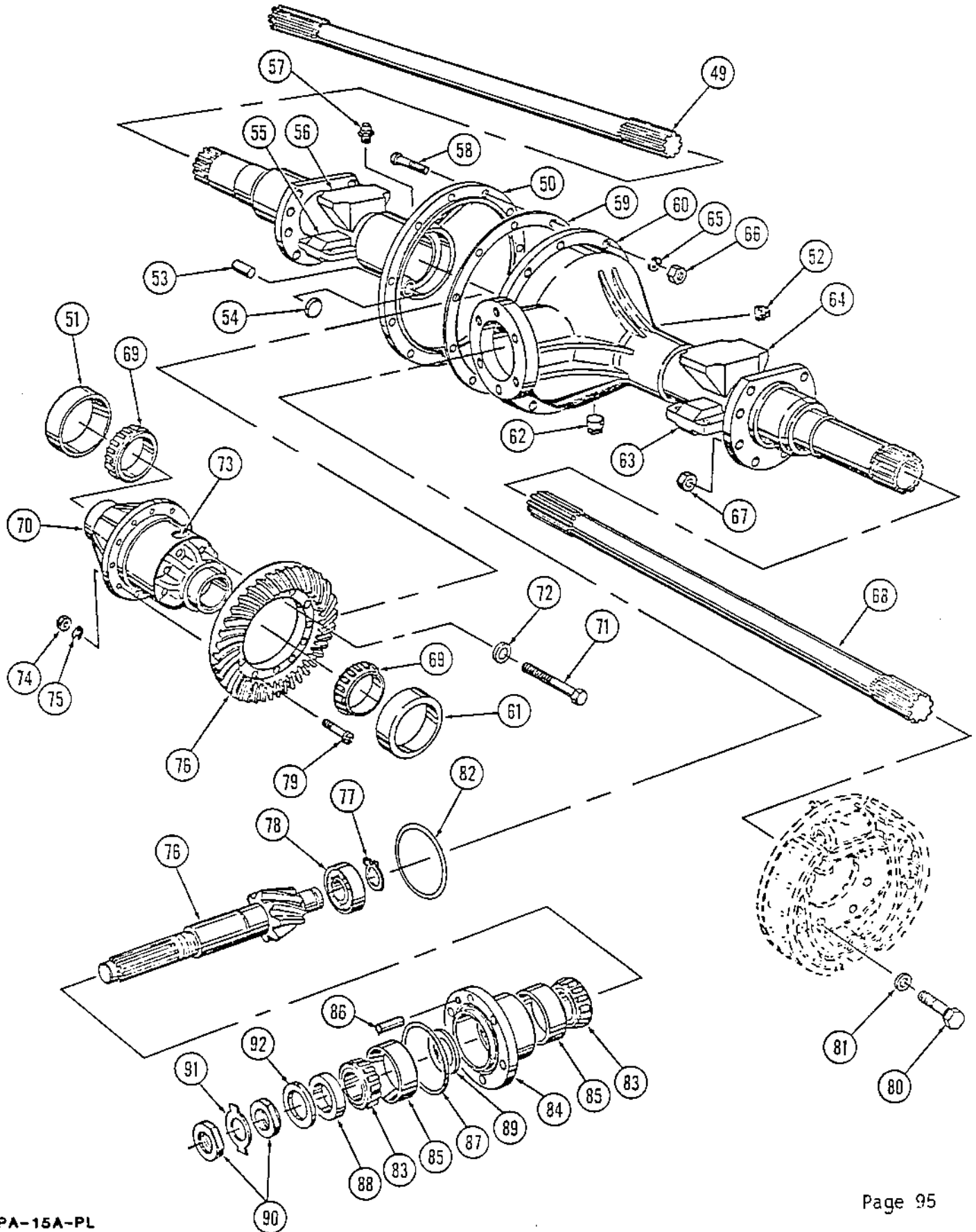
AXLE ASSEMBLY (Differential & Axle Assy.)



AXLE ASSEMBLY
(Differential & Axle Assy)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
74	814032	Nut, Diff. Case to Bevel Gear.....	12
75	416126	Washer, Diff. Case to Bevel Gear.....	12
76	416222	Gear, Bevel Drive (6.67-1 Ratio).....	1
77	416130	Lock, Bevel Pinion Rear Brg.....	1
78	416125	Bearing, Pinion Rear.....	1
79	416136	Bolt, Diff. Case & Bevel Gear.....	12
80	921387	Bolt, Spindle to Backing Plate (From S/N 1330, 1334 and Up)..	16
--	814038	Bolt, Spindle to Backing Plate (To S/N 1329,1331 to 1333)....	16
81	416224	Washer, Spindle to Back Plate.....	16
82	910787	Liquid Gasket, Bevel Pinion Cage.....	ar
83	911701	Cone, Bevel Pinion (From S/N 1027 & Up).....	2
--	416099	Cone, Bevel Pinion (To S/N 1026).....	2
84	911699	Cage, Pinion Bearing & Cup Assy (From S/N 1027 & Up).....	1
--	416171	Cage, Pinion Bearing & Cup Assy. (To S/N 1026).....	1
85	910238	Cup, Bevel Pinion (From S/N 1027 & Up)...	2
--	814025	Cup, Bevel Pinion (To S/N 1026).....	2
86	416132	Dowel, Pinion Bearing Cage.....	1
87	910787	Liquid Gasket Tube.....	ar
88	416131	Sleeve, Bevel Pinion Bearing.....	1
89	911708	Shim, Bevel Pinion Bearing (.445) thru (From S/N 1027 & Up) thru	1ar
	911709	(.475)	
90	416124	Nut, Bevel Pinion Bearing.....	2
91	911705	Lock, Bevel Pinion Bearing Nut.....	1
92	911706	Washer, Bevel Pinion Bearing Nut.....	1

AXLE ASSEMBLY (Differential & Axle Assy.)



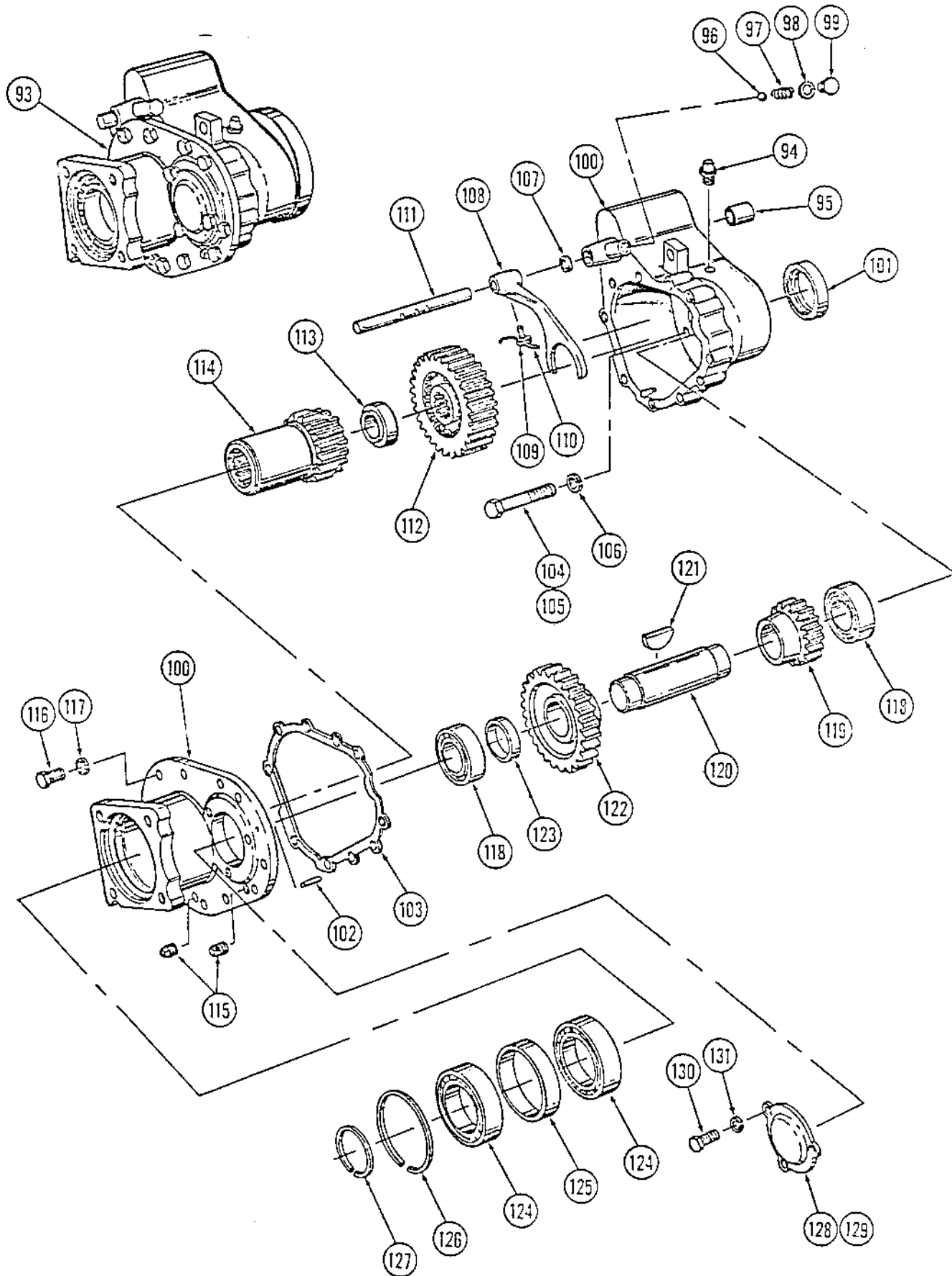
AXLE ASSEMBLY
(TWO SPEED GEAR BOX ASSY.)
To S/N 2079

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
93	891702	2 Speed Gear Box Assembly.....	1
94	423054	Breather, Transmission Case.....	1
95	423073	Plug Shift Shaft Hole.....	1
96	423076	Ball, Shift Shaft Detent.....	1
97	423082	Spring, Shift Shaft Detent.....	1
98	423067	Washer, Shift Shaft Detent.....	1
99	423083	Screw, Shift Shaft Detent.....	1
100	*927153	Case, Transmission(From S/N 1926 & Up)....	1
---	*423053	Case, Transmission, (To S/N 1925).....	1
101	910218	Seal, Oil Bevel Pinion.....	1
102	423072	Dowel, Case Cover.....	2
103	423077	Gasket, Transmission Case & Cover.....	1
104	423065	Capscrew, Case to Cover.....	5
105	911704	Capscrew, Case to Cover.....	1
106	423064	Lockwasher, Case to Carrier.....	6
107	927152	Seal, Shift Shaft Oil,(From S/N 1926 & Up). 1	
---	423056	Seal, Shift Shaft Oil,(To S/N 1925).....	1
108	423081	Fork, Shift Hi/Lo.....	1
109	423079	Setscrew, Shift Fork Lock.....	1
110	423058	Lockwire, Shift Fork Setscrew.....	1
111	423078	Shaft, Shift, Hi/Lo.....	1
112	423088	Gear, Sliding, Hi/Lo(38T).....	1
113	423069	Bearing, Bevel Pinion Pilot.....	1
114	927154	Pinion, Input Drive (22T),(From S/N 1926-Up)1	
---	423087	Pinion, Input Drive(To S/N 1925).....	1
115	814033	Plug, Oil Level & Drain.....	2
116	423061	Capscrew, Case to Cover.....	10
117	814041	Lockwasher, Case to Cover.....	10
118	423066	Bearing, Idler Shaft.....	2
---	423553	Assembly, Counter Shaft Gear.....	1
119	NSS	Gear, Lo Speed Idler(21T).....	1
120	423084	Shaft, Idler.....	1
121	NSS	Key, Idler Gear.....	2
122	NSS	Gear, Lo Speed Idler(37T).....	1
123	423071	Spacer, Idler Shaft Bearing.....	1
124	423070	Bearing, Input Drive Pinion.....	2
125	423068	Spacer, Input Bearing.....	1
126	423074	Snap Ring, Input Bearing Retainer.....	1
127	423075	Snap Ring, Input Drive Pinion Bearing.....	1
128	911710	Cover, Idler Shaft.....	1
129	910787	Liquid Gasket, (Tube).....	A/R
130	911703	Capscrew, Idler Shaft Cover.....	3
131	911707	Lockwasher, Idler Shaft Cover.....	3

*Also includes item 88 on Differential & Axle Assembly.

NOTE: For Axle Assembly to S/N 1026 replacement consult the Manufacturer's Parts Department.

AXLE ASSEMBLY (Two Speed Gear Box Assy.)



BRAKE ASSEMBLY, S/N 2080 & Up

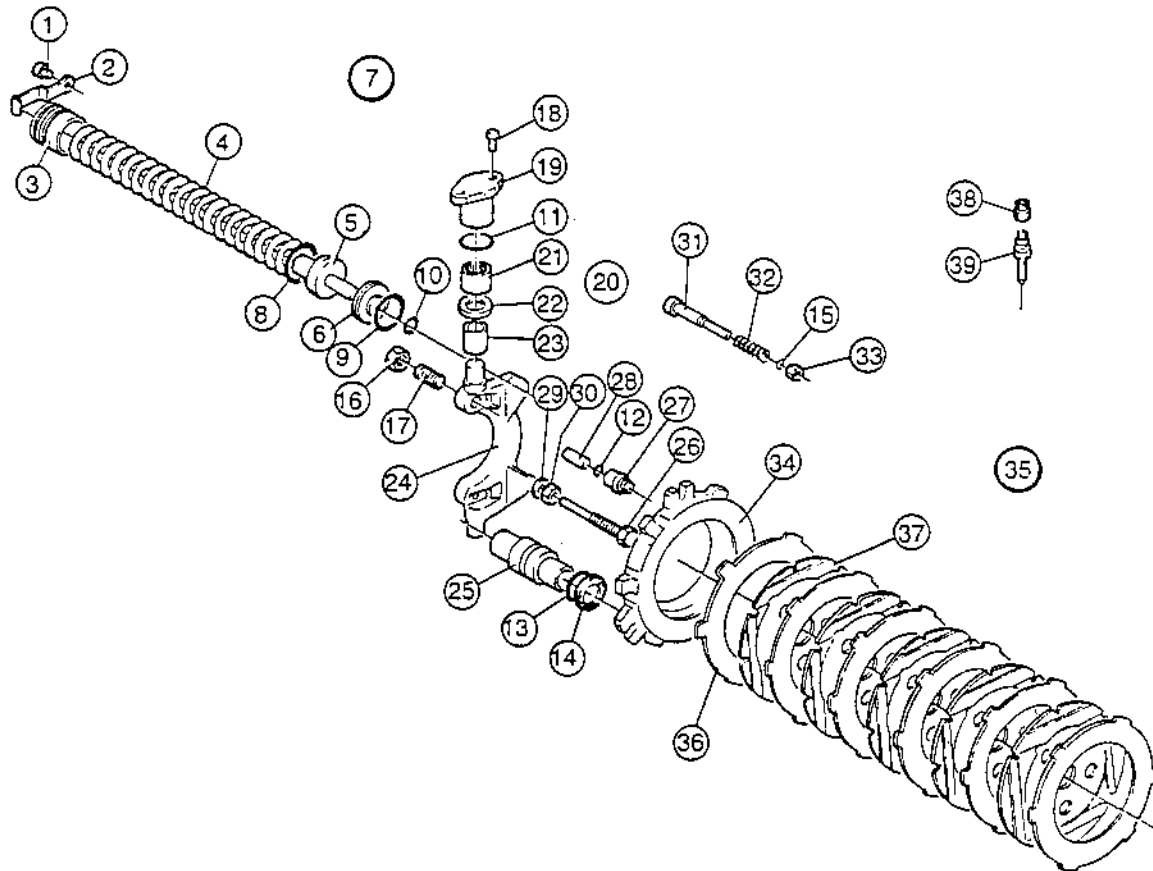
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	929708	Screw.....	4
2	929707	Holder.....	4
3	929706	Cylinder	4
4	929705	Cup Spring.....	84
5	929678	Piston.....	4
6	929703	Plug	4
7	929897	Seal Kit.....	1
8	NSS	O-Ring	4
9	NSS	O-Ring	4
10	NSS	O-Ring	4
11	NSS	O-Ring	4
12	NSS	O-Ring	4
13	NSS	O-Ring	6
14	NSS	Seal.....	6
15	NSS	O-Ring	6
16	929701	Nut	4
17	929700	Screw	4
18	926855	Screw.....	8
19	929680	Bush, Reduction.....	4
20	929896	Bearing Kit.....	4
21	NSS	Bearing.....	1
22	NSS	Washer	1
23	NSS	Inner Race.....	1
24	929699	Brake Lever, Right.....	1
--	929698	Brake Lever, Left.....	1
25	929697	Piston.....	6
26	929694	Screw	2
27	929687	Plug	4
28	929685	Pusher.....	4
29	926847	Washer.....	2
30	926846	Nut	2
31	929693	Screw.....	6
32	929692	Spring.....	6
33	929690	Nut	6
34	929689	Brake Disc, Right.....	1
--	929688	Brake Disc, Left.....	2
35	929898	Brake Disc, Kit.....	2
36	NSS	Brake Disc	6
37	NSS	Brake Disc	5
38	926844	Plug	2
39	926845	Vent Screw.....	2

Released 7/17/87

Page 97A

PA15A-PL108

BRAKE ASSEMBLY, S/N 2080 & UP



PLANETARY GEAR ASSEMBLY
S/N 2080 & Up

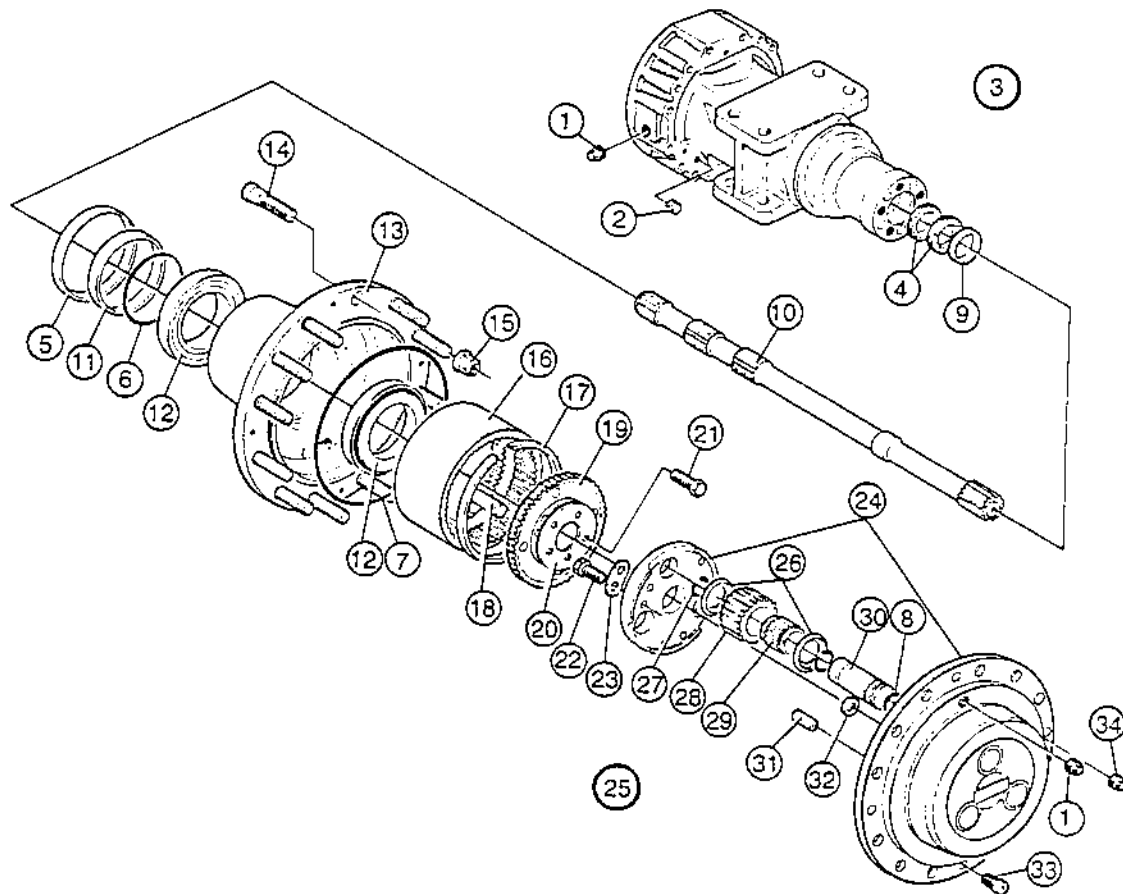
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	926732	Plug.....	4
2	929649	Screw.....	2
3	929894	Seal Kit.....	2
4	NSS	Seal.....	2
5	NSS	Seal.....	1
6	NSS	O-Ring.....	1
7	NSS	O-Ring.....	1
8	NSS	O-Ring.....	3
9	929651	Ring.....	2
10	929655	Shaft.....	2
11	929676	Ring.....	2
12	929674	Bearing.....	4
13	929653	Hub	2
14	929652	Stud.....	24
15	926783	Nut	24
16	929672	Ring Gear.....	2
17	929671	Snap Ring.....	2
18	929670	Dowel.....	10
19	929669	Ring Gear Support.....	2
20	929668	Locking Plate.....	2
21	929654	Screw.....	10
22	929667	Screw.....	12
23	929666	Washer	6
24	929660	Planet Gear Carrier.....	2
25	929895	Planet Gear Kit	2
26	NSS	Washer.....	6
27	NSS	Snap Ring.....	6
28	NSS	Gear.....	3
29	NSS	Bearing.....	3
30	NSS	Shaft.....	3
31	929663	Dowel.....	6
32	929662	Spacer.....	2
33	929661	Screw.....	8
34	926729	Magnetic Plug.....	2

Released 7/17/87

Page 97C

PA-15A-Pl

PLANETARY GEAR ASSEMBLY
S/N 2080 & UP



DIFFERENTIAL ASSEMBLY
S/N 2080 & UP

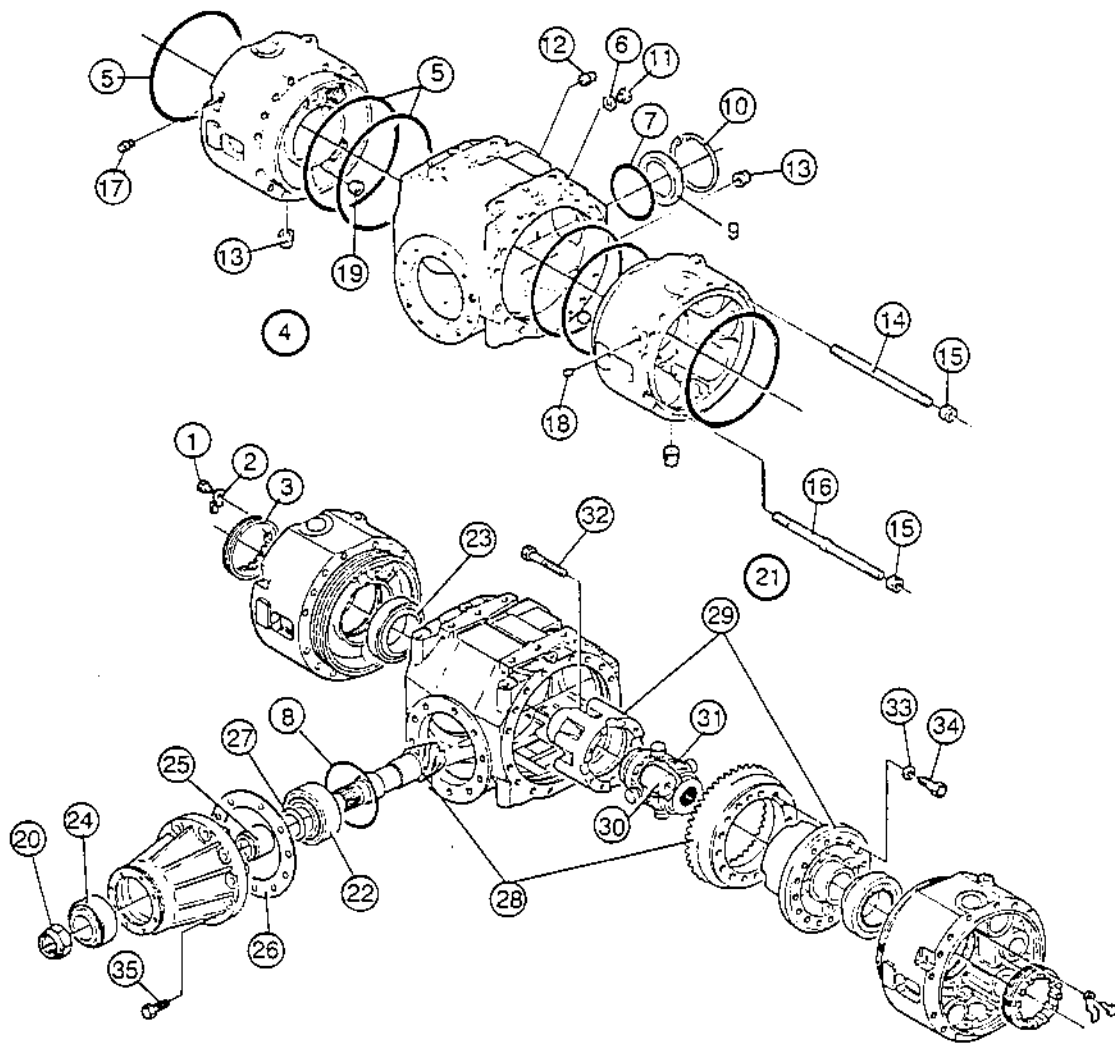
INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
1	929622	Screw, See Note	2
2	929623	Holder, See Note.....	2
3	929624	Nut, See Note.....	2
4	929893	Seal Kit, See Note.....	1
5	NSS	O-Ring.....	6
6	NSS	Gasket.....	1
7	NSS	O-Ring.....	1
8	NSS	O-Ring.....	1
9	929616	Cover.....	1
10	929617	Lock Ring.....	1
11	929614	Plug	1
12	926732	Plug	1
13	926729	Magnetic Plug, See Note.....	3
14	929618	Stud, See Note	28
15	211733	Nut, See Note.....	32
16	929619	Stud, See Note	4
17	926736	Breather	1
18	924620	Plug	1
19	929621	Plug, See Note.....	2
20	929638	Nut	1
21	929892	Bearing Kit, See Note.....	1
22	NSS	Bearing.....	1
23	NSS	Bearing.....	2
24	NSS	Bearing.....	1
25	929632	Spacer.....	A/R
--	929633	Spacer.....	A/R
--	929634	Spacer	A/R
--	929635	Spacer.....	A/R
26	929639	Shim, 0.10 mm or .004" Thick.....	A/R
--	929640	Shim 0.15 mm or .006" Thick.....	A/R
--	929641	Shim 0.25 mm or .010" Thick.....	A/R
--	929642	Shim 0.50 mm or .020" Thick.....	A/R
27	929643	Shim 0.35 mm or .014" Thick.....	A/R
--	929644	Shim 0.40 mm or .016" Thick.....	A/R
--	929645	Shim 0.45 mm or .018" Thick.....	A/R
--	929646	Shim 0.55 mm or .022" Thick.....	A/R
28	929627	Bevel Gear Set.....	1
29	929630	Differential Case	1
30	929631	Spacer.....	1
31	929626	No Spin Unit	1
32	929625	Screw	8
33	929628	Washer.....	12
34	929629	Screw	12
35	929636	Screw	10

NOTE: Parts For Right or Left Sides

Released 7/17/87

Page 97E

DIFFERENTIAL ASSEMBLY
S/N 2080 & UP



PA15A-PL110

Released 7/17/87

Page 97F

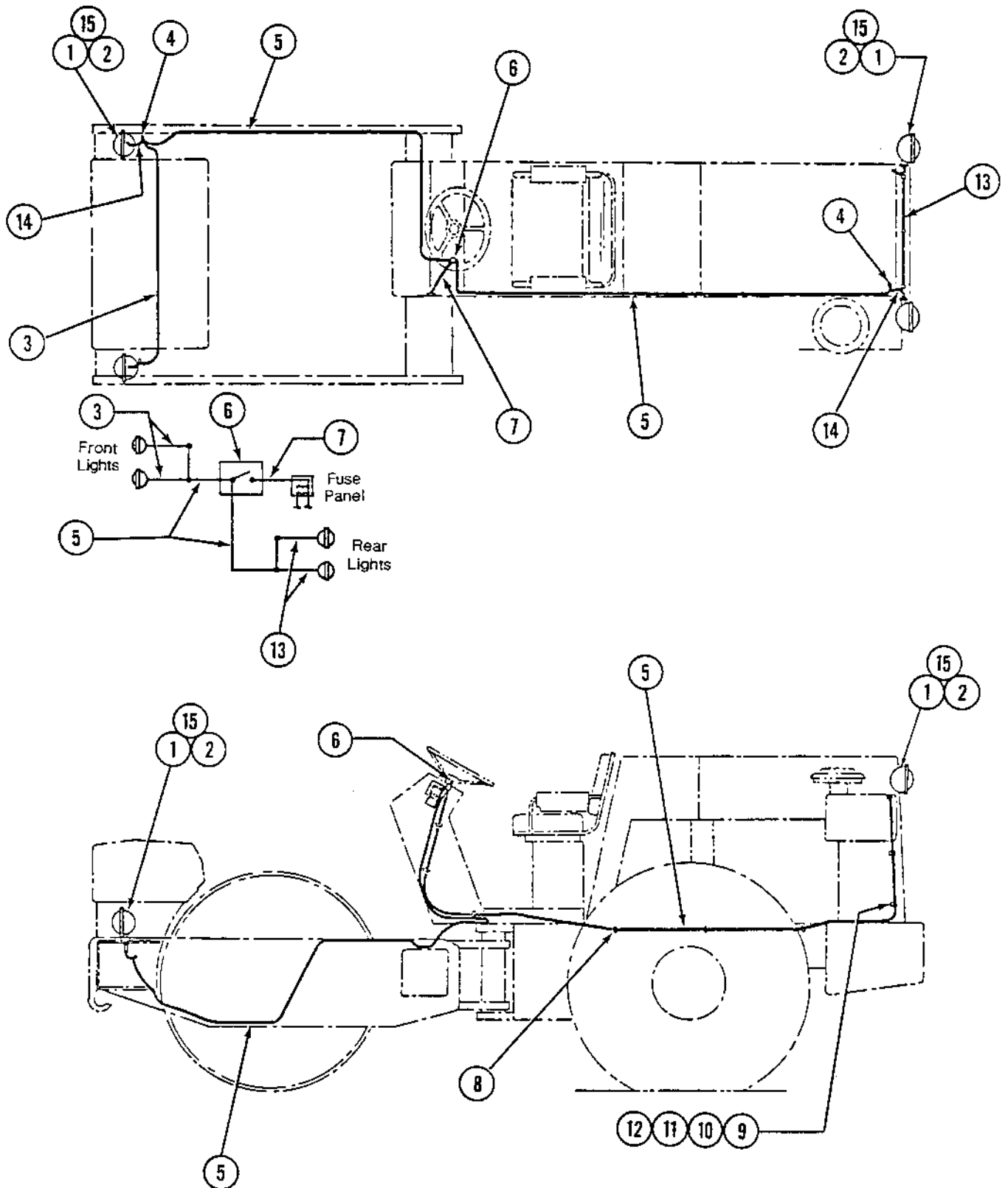
FRONT WORKLIGHT ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
1	813495	Assembly, Headlight, (To S/N 2102).....	4
-	985066	Assembly, Headlight, (From S/N 2103 & Up)	4
2	892596	Bulb, (To S/N 2102).....	1
-	985087	Bulb, (From S/N 2103 & Up).....	1
3	815929	Wire Assembly, Front Lights.....	1
4	814075	Terminal, Pigtail.....	4
5	85033305	Harness Assembly, Front & Rear Lights....	2
6	801338	Switch, Worklights.....	1
7	81517406	Wire Assembly, Fuse to Switch.....	1
8	813486	Ty-Rap.....	9
9	813313	Clamp, Wire Harness.....	8
10	502004	Capscrew, HH.....	8
11	604026	Lockwasher.....	8
12	571001	Hex Nut.....	8
13	815934	Harness Assembly, Rear Lights.....	1
14	998055	Loom, Wire Assembly.....	4
15	960161	Terminal, Push, From S/N 2103 & Up.....	4

Rev. 7/17/87

Page 98

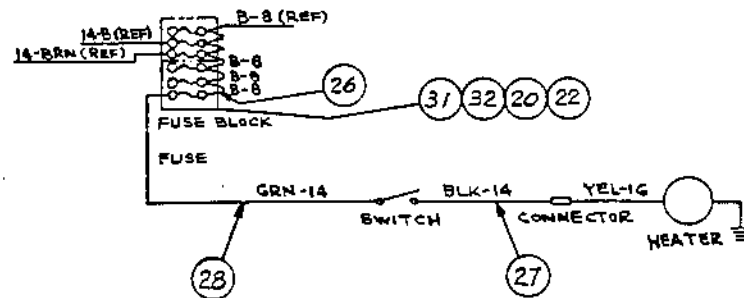
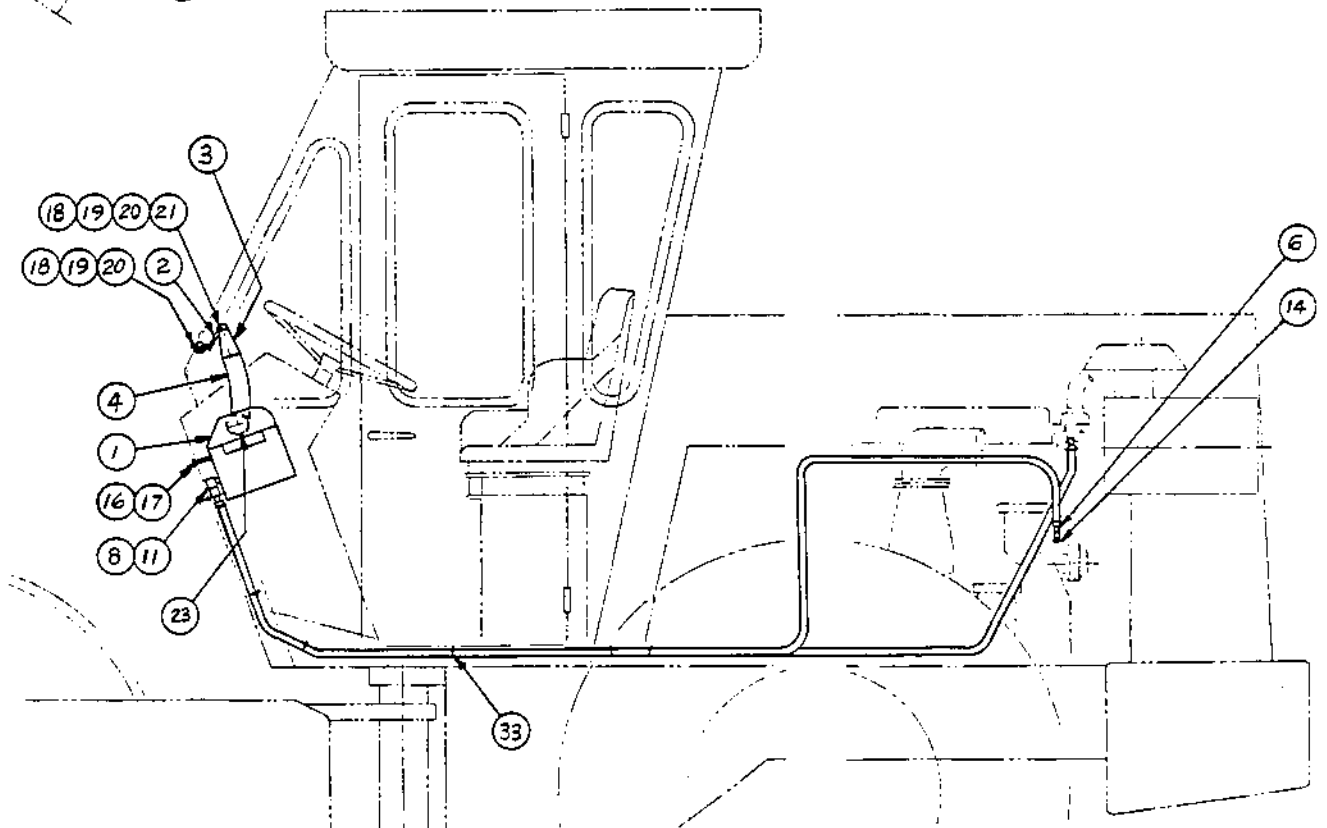
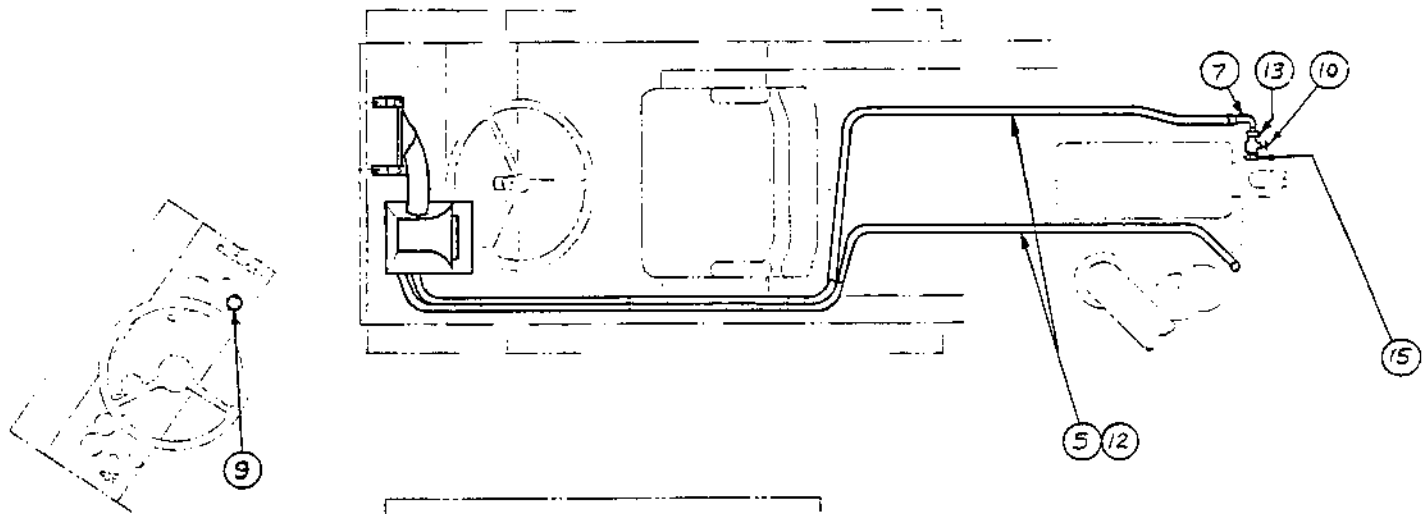
FRONT & REAR WORK LIGHT ASSEMBLY



HEATER & DEFROSTER

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	801347	Heater & Defroster	1
2	826171	Nozzle Support	2
3	801219	Defroster Nozzle	1
4	801220	Defroster Hose 2" x 2' or 603 mm).....	
5	801221	Heater Hose 5/8 x 28' or 8.54 mm).....	
6	801742	Elbow 45°	1
7	801741	Elbow 90°	1
8	801348	Pipe 3/8	2
9	801214	Switch	1
10	233088	Shut Off Valve	1
11	813320	Elbow 90°	2
12	801226	Hose Clamp	4
13	813325	Reducing Bushing	1
14	334207	Reducing Bushing	1
15	234317	Hex Nipple	1
16	220012	Hex Nut	3
17	604027	Lockwasher	3
18	550074	Machine Screw	4
19	813370	Hex Nut	4
20	604019	Lockwasher	4
21	600028	Flat Washer	2
22	550026	Capscrew, HH	2
23	801350	Defroster Grommet	1
26	81516504	Wire Assy	3
27	81517416	Wire Assy	1
28	81516505	Wire Assy	1
31	813413	Fuse Block	1
32	813412	Fuse	3
33	813486	Ty-Rap	8

HEATER & DEFROSTER

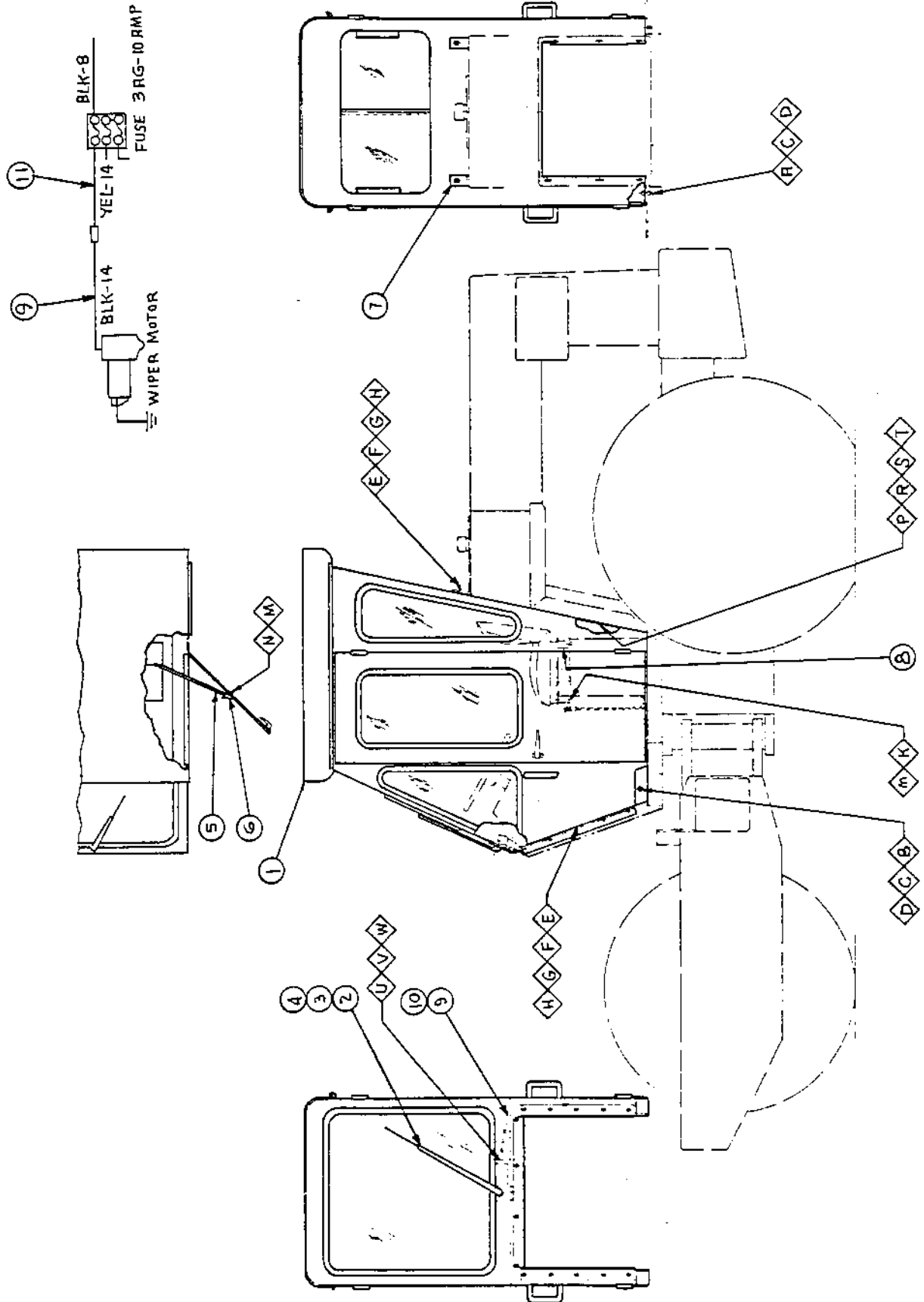


WIRING DIAGRAM

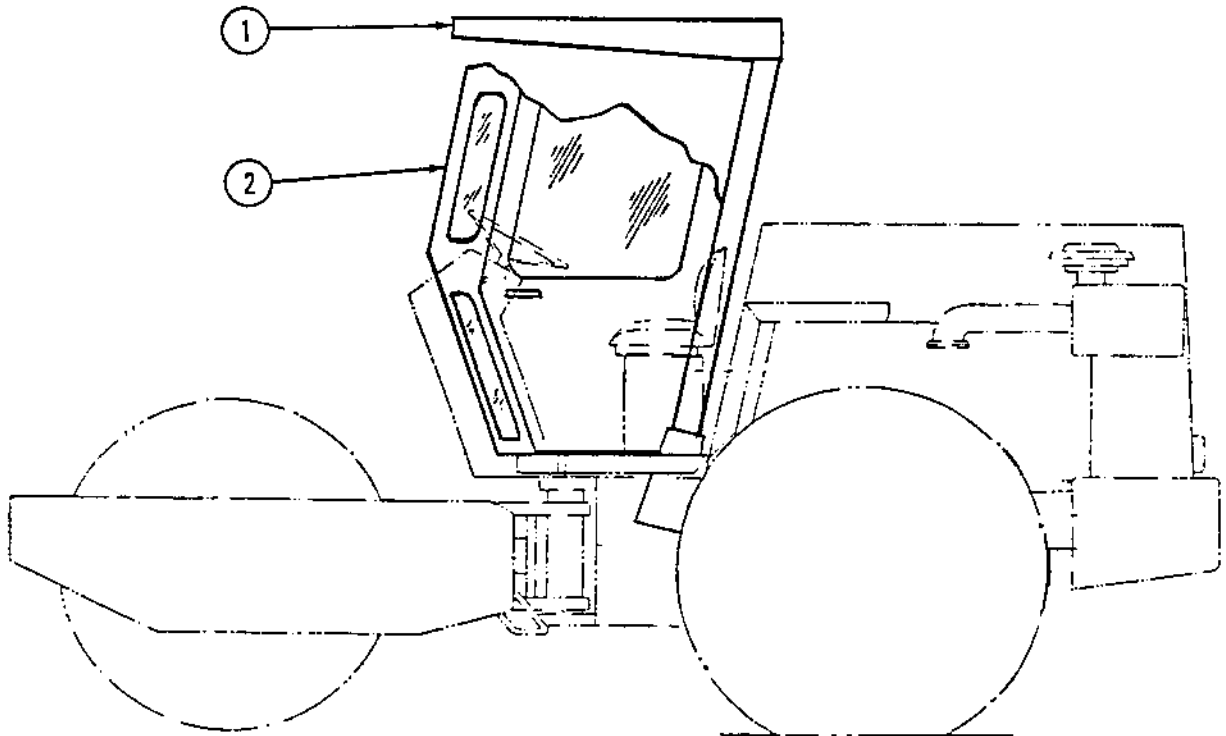
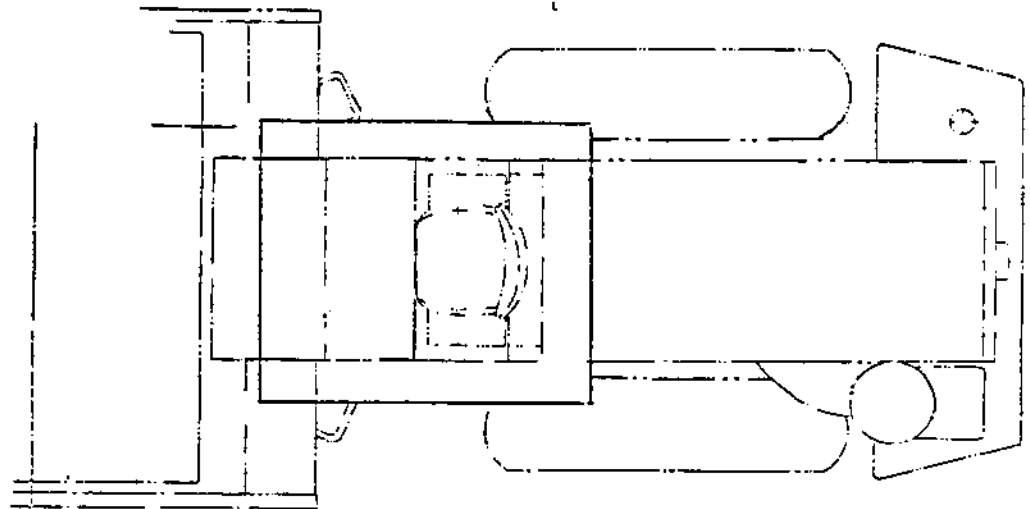
CAB ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815352	Cab	1
2	499297	Wiper Motor	1
3	499298	Wiper Arm	1
4	499299	Wiper Blade	1
5	815244	Door Brace	2
6	334313	Swivel Joint	2
7	815245	Mounting Bracket	2
8	815246	Seat Spacer	4
9	815583	Wire Harness	1
10	921013	Clamp	4
11	815584	Wire Harness	1
A	586049	Capscrew, HH	6
B	502058	Capscrew, HH	2
C	604030	Lockwasher	8
D	571005	Hex Nut	8
E	502035	Capscrew, HH	16
F	600007	Lockwasher	16
G	604028	Flat Washer	16
H	571003	Hex Nut	16
K	502285	Capscrew, HH	4
M	604027	Lockwasher	6
N	572002	Hex Nut	2
P	517046	Capscrew, HH	6
R	600005	Flat Washer	10
S	604026	Lockwasher	10
T	571001	Hex Nut	6
U	211106	Capscrew, HH	1
V	604019	Lockwasher	1
W	571019	Nut	1

CAB ASSEMBLY

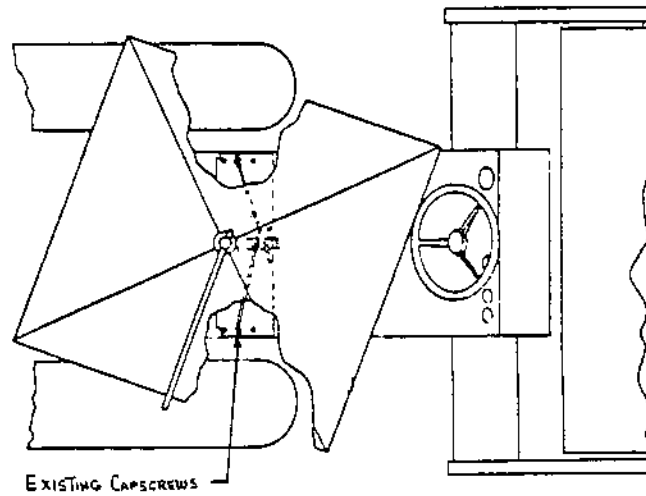


ROLL OVER PROTECTION STRUCTURE

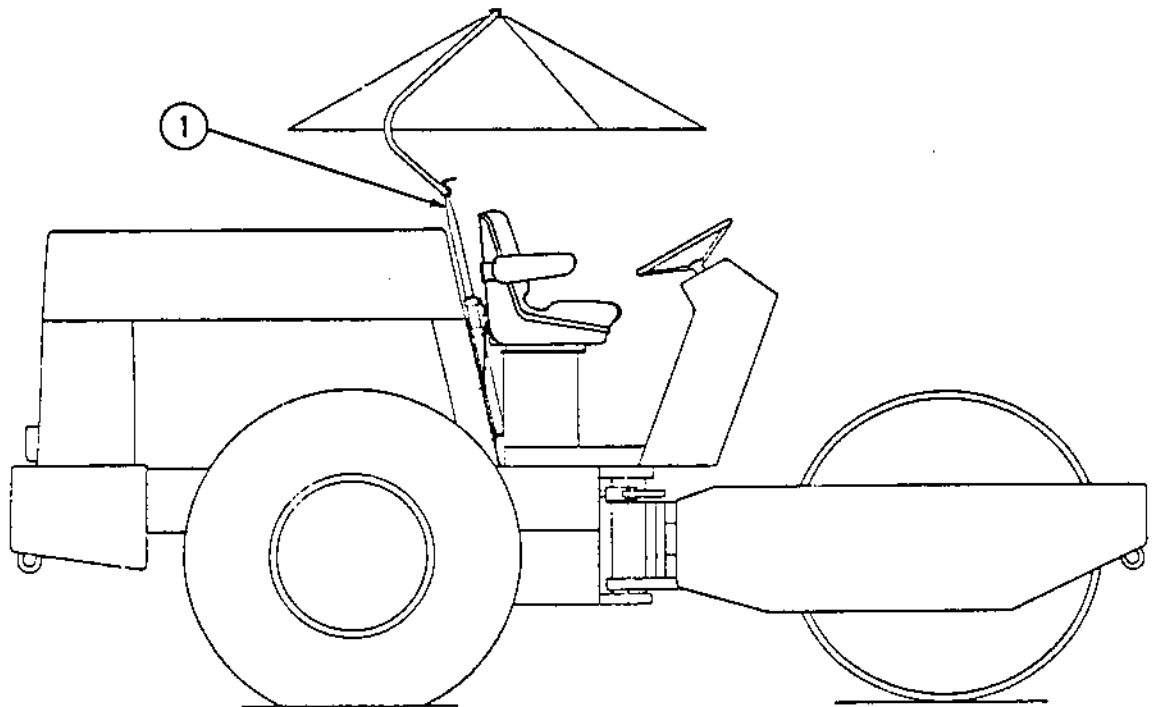


INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	815282	R.O.P.S. 1 Roll Over Protection Structure	1
2	815508	E.R.O.P.S. 1 Enclosed Roll Over Protection Structure	1

UMBRELLA



TOP VIEW



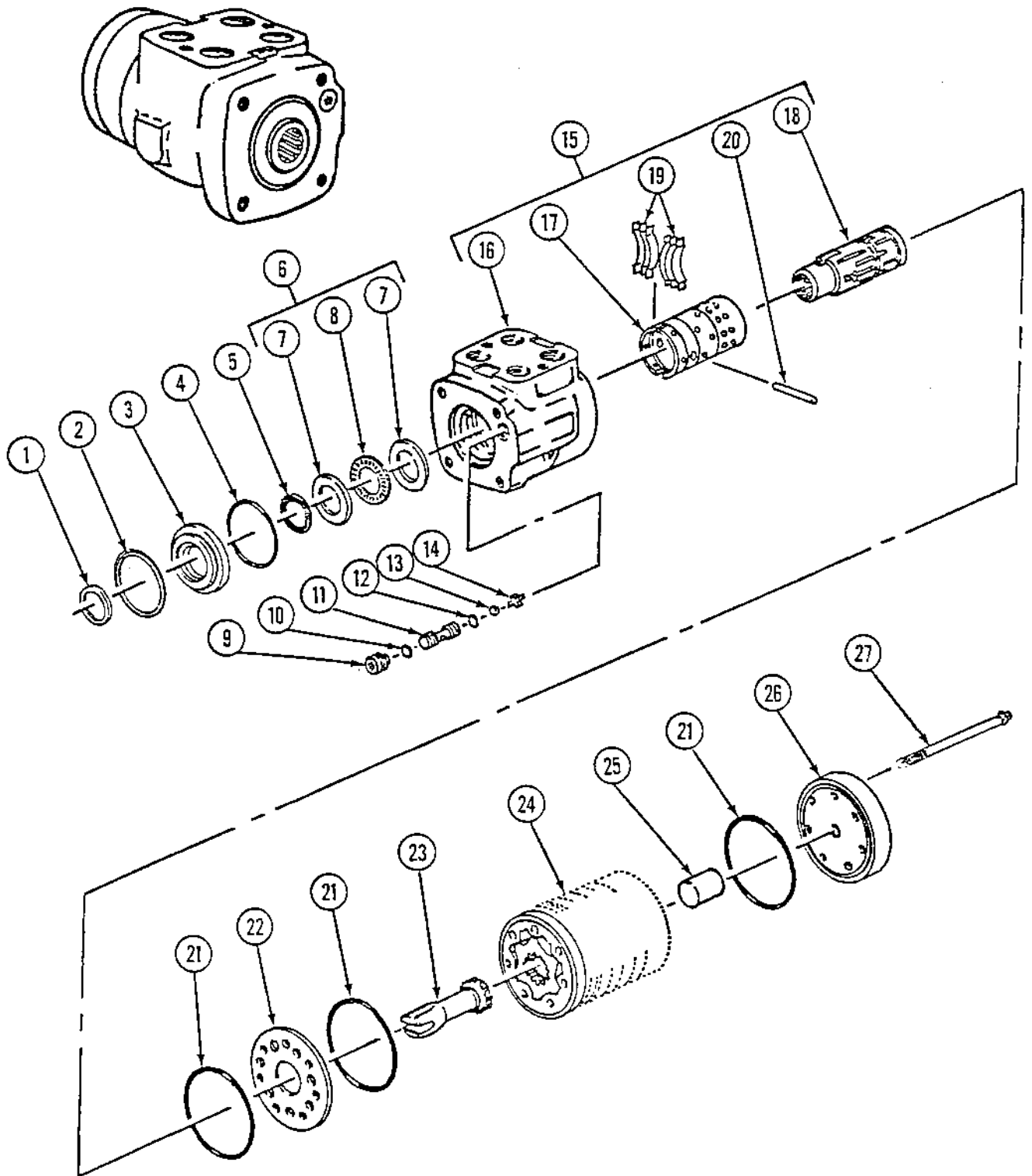
INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	499421	Umbrella	1

STEERING VALVE ASSEMBLY

INDEX NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
-	335567	Valve, Steering Assembly	1
*1	814146	Seal, 1½" OD x 1" ID	1
2	911582	Ring, Retaining	1
3	911069	Bushing, Seal Gland	1
*4	911585	Seal, 2-1/8" OD x 1/8" CS	1
*5	892271	Seal, Quad Ring 1-5/16" OD x 1/8" CS ..	1
6	911608	Needle Bearing Kit	1
7	NSS	Race, Bearing	2
8	NSS	Bearing, Needle Thrust	1
9	911583	Screw, Set	1
*10	911584	Seal, 5/8" OD x 3/32" CS	1
11	911590	Seat, Check Ball	1
*12	892113	Seal, 7/16" OD x 1/16" CS	1
13	911586	Ball, Check	1
14	911588	Retainer, Check Ball	1
15	911591	Control Parts Assembly	1
16	NSS	Housing	1
17	NSS	Sleeve, Control	1
18	NSS	Spool, Control	1
19	814143	Spring, Centering	6
20	892102	Pin, Centering	1
*21	911587	Seal, 3" OD x 1/16" CS	3
22	911589	Plate, Spacer	1
23	814150	Drive	1
24	911593	Gerotor	1
25	911592	Spacer (s)	1
26	911594	Cap, End	1
27	814155	Screw, Cap	7

*Seal Kit - Contains Parts Indicated by *, Seal Kit P/N 894013.

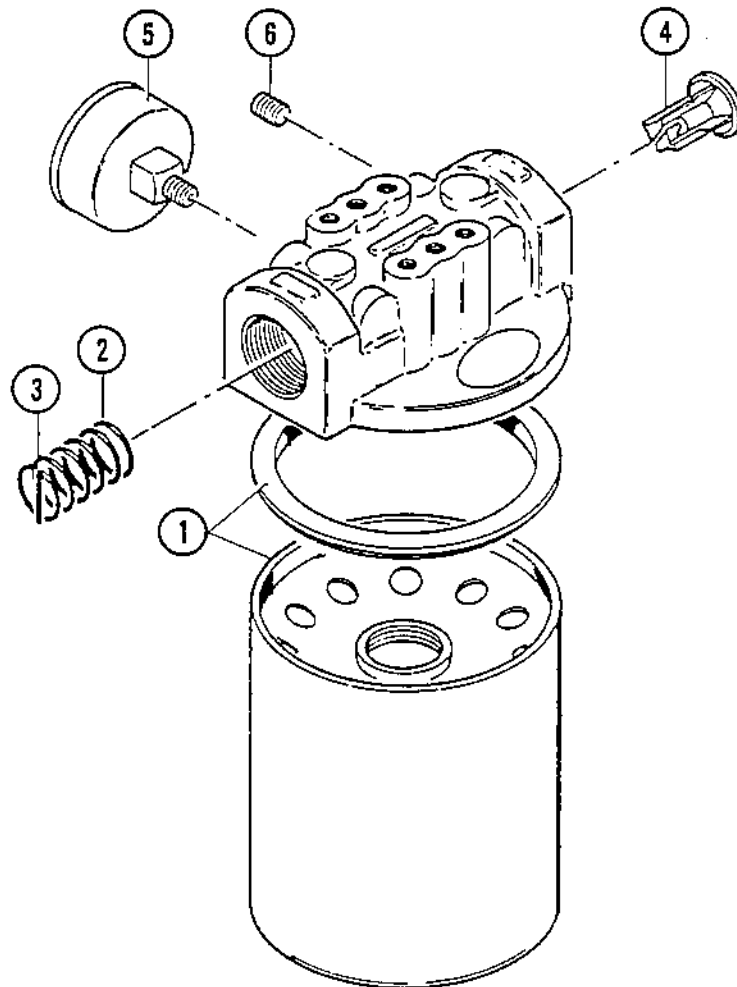
STEERING VALVE ASSEMBLY



HYDRAULIC OIL FILTER ASSEMBLY
S/N 2080 & UP

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY
-	337528	Hydraulic Oil Filter Assembly.....	1
1	499349	Element, Filter	1
2	499352	Blocked By-Pass	1
3	499358	Spring.....	1
4	499357	Poppet	1
5	499355	Indicator.....	1
6	499354	Plug	1

HYDRAULIC OIL FILTER
S/N 2080 & Up





NUMERICAL INDEX

Revised 7/17/87

Page		Issue		Numerical Index			
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
100053	20	234780	45	335545	32	401035	26
100061	64	234855	49A	335554	48	401099	26
114065	34	244041	43	335554	56	415193	64
116013	34	244043	9	335557	32	416043	34
160107	34	244054	42A	335557	48	416067	77
160144	49A	300232	5	335557	74	416068	11
160146	50	309100502	68	335560	50	416070	12
160153	54	310022	36	335560	82	416071	11
160157	33A	310025	30	335563	18	416073	11
160188	55A	313002	42A	335567	18	416095	88
160191	54	313023	14	335567	50	416096	88
166016	34	313041	64	335567	106	416097	88
167023	34	313041	66	335585	28	416098	88
211733	97E	313076	7	335587	20	416099	94
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232064	34	332065	54	335595	70	416108	92
232066	50	332073	49A	335622	36	416114	88
232097	48	332073	52	335624	36	416116	90
232124	54	332125	58	335625	36	416118	88
233076	43	333104	43	335626	36	416121	88
233085	34	333112	59	335632	1	416124	94
233088	100	333228	45	335657	56	416125	94
233194	76	333228	46A	335658	15	416126	90
235239	57	334070	50	335746	28	416126	92
235240	57	334126	52	337510	20	416126	94

Page 111		Issue		Numerical Index			
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
100053	20	234780	45	335545	32	401055	26
100061	64	234855	49A	335554	48	401099	26
114065	34	244041	43	335554	56	415193	64
116013	34	244043	9	335557	32	416043	34
160107	34	244054	42A	335557	48	416067	77
160144	49A	300232	5	335557	74	416068	11
160146	50	309100502	68	335560	50	416070	11
160153	54	310022	36	335560	82	416071	11
160157	33A	310025	30	335563	18	416073	11
160188	55A	313002	42A	335567	18	416095	88
160191	54	313023	14	335567	50	416096	88
166016	34	313041	64	335567	106	416097	88
167023	34	313041	66	335585	28	416098	88
211733	97E	313076	7	335587	20	416099	94
219002	64	331087	3	335593	16	416106	92
232064	34	332065	54	335593	70	416108	92
232066	50	332073	49A	335622	36	416114	88
232097	48	332073	52	335624	36	416116	90
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233076	43	333104	43	335626	36	416121	88
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233239	57	334070	50	335746	26	416126	92
233240	57	334126	52	337510	20	416126	94
234131	48	334127	48	337510	52	416130	94
234233	55A	334132	54	337510	59	416131	94
234276	5	334134	50	337528	49A	416132	94
234276	9	334135	50	337528	108	416133	92
234277	52	334138	54	337843	22	416136	94
234316	52	334157	48	338895	49A	416137	88
234317	100	334157	49A	346256	46A	416138	88
234318	43	334157	52	346498	55A	416139	88
234319	52	334158	49A	346498	61C	416142	88
234320	52	334205	50	346498	63C	416143	88
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234331	54	334313	102	348436	46A	416158	92
234333	58	334425	41	348500	28	416160	88
234335	54	334425	42A	348500	33A	416163	88
234336	52	334447	9	348530	15	416165	90
234358	58	334453	28	348530	16	416166	92
234365	41	334463	55A	348530	73A	416167	92
234365	42A	334523	55A	348531	33A	416168	92
234395	48	334604	49A	348531	75A	416171	94
234395	49A	335496	20	348618	33A	416175	90
234620	58	335545	15	401053	26	416177	88
234667	49A	335545	16	401054	26	416178	88

Page 112		Issue		Numerical Index	
Part No.	Page	Part No.	Page	Part No.	Page
416179	90	456029	20	480348	76
416182	88	456029	22	480350	73E
416183	88	456029	24	480352	73E
416187	88	456029	66	480355	76
416188	92	456039	66	480364	73E
416189	92	456060	20	480402	73E
416192	90	456069	18	480402	76
416198	11	456104	64	480403	73E
416222	94	456105	64	480405	73E
416223	88	457054	20	480406	73E
416223	92	457054	66	480407	76
416224	94	457083	20	480408	73E
416405	92	457087	22	480408	76
418021	38	457100	66	480410	73E
418035	26	457105	66	480412	73E
418036	26	457127	18	480413	73E
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423054	96	475046	84	480563	80
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423058	96	480204	74	480907	78
423061	96	480204	76	480908	78
423064	96	480282	77	480919	16
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423066	96	480283	77	481077	75C
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423077	96	480304	70	481089	75A
423078	96	480305	70	481095	75A
423079	96	480305	73A	481098	75C
423081	96	480306	70	481099	75A
423082	96	480306	73A	481100	75A
423083	96	480306	74	481101	75C
423084	96	480307	73A	481105	75C
423087	96	480308	73C	481111	59
423088	96	480309	70	481112	59
423553	96	480318	73C	481113	59
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433474607	26	480333	80	481115	59
433562201	36	480334	78	481116	59
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				481122	59
				481123	59
				481124	59
				481125	59
				481130	75C
				481131	75C
				481132	75C
				481163	75A
				481196	75C
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				499369	14
				499400	43
				499432	3
				499432	7
				499444	41
				499444	42A

Page 113		Issue		Numerical Index			
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
499476	13	801221	100	801653	45	813330	20
499489	13	801226	43	801655	20	813331	64
532025	84	801226	100	801655	66	813332	28
550037	28	801230	41	801659	28	813333	30
550038	64	80126501	84	801659	32	813334	30
550040	43	801272	28	801659	88	813335	28
550048	64	80127202	5	801699	3	813336	18
570201	54	80127202	7	801699	7	813337	18
586007	28	801338	98	801699	50	813339	28
602017	64	801343	18	801699	78	813342	18
604007	9	801343	61A	801741	100	813343	18
604033	77	801343	63A	801742	100	813344	30
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605006	5	801348	100	801993	41	813349	18
605006	7	801350	100	801993	61A	813351	30
630008	64	801411	20	801993	63A	813353	64
630009	64	801452	43	801998	45	813359	64
630035	28	801453	52	801998	46A	813361	20
630052	64	801453	57	802153	18	813361	22
635017	26	801458	68	802153	61C	813361	24
635019	38	801459	52	802153	63C	813364	64
635020	26	801467	14	802467	41	813367	64
635020	82	801468	9	802467	42A	813377	3
635022	82	801468	14	802468	18	813377	7
665593	15	801469	9	802468	24	813391	28
745015	7	801470	9	802469	18	813411	18
801038	15	801472	9	802469	22	813411	61C
801051	15	80148801	60	802469	55A	813411	63C
801051	16	80148801	61C	802662	46A	813412	18
801051	48	801503	54	810229	92	813412	20
801051	70	80153305	3	810787	94	813412	61A
801052	15	80153305	5	813306	5	813412	63A
801052	16	80153305	7	813306	7	813412	100
801052	77	80153305	30	813310	30	813413	100
801054	34	801538	28	813311	3	813414	43
801054	52	80154601	18	813313	20	813428	54
801054	80	80154601	20	813313	30	813429	48
801058	3	80154601	61A	813313	45	813429	49A
801058	7	80154601	63A	813313	98	813429	52
801148	16	80154602	18	813314	28	813434	49A
801149	7	80154602	20	813314	61C	813435	50
801164	3	80154602	61A	813314	63C	813437	50
801179	3	80154602	63A	813315	28	813438	41
801179	13	801583	54	813316	30	813438	43
801186	20	80158502	14	813316	36	813438	50
801187	34	801605	36	813320	3	813439	43
801201	84	801607	18	813320	9	813443	50
801214	100	801607	61A	813320	100	813445	50
801219	100	801607	63A	813323	9	813449	48
801220	100	801622	7	813325	100	813449	49A

Page		Issue		Numerical Index			
114							
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
813451	48	813619	72	813727	43	813829	70
813451	49A	813619	74	813728	41	813829	73A
813462	5	813620	74	813728	43	813829	74
813462	9	813620	76	813730	43	813831	70
813462	61C	813621	72	813732	41	813833	70
813462	63C	813621	73C	813732	42A	813833	73C
813468	36	813621	74	813732	43	813834	70
813469	36	813622	72	813733	43	813834	73A
813473	36	813622	74	813738	48	813835	72
813478	32	813623	72	813738	49A	813835	73C
813478	34	813624	72	813738	54	813836	74
813478	80	813624	74	813741	41	813836	76
813482	34	813625	72	813741	42A	813837	72
813483	34	813626	72	813754	26	813837	73C
813485	26	813626	74	813757	26	813837	75C
813485	43	813627	76	813772	82	813838	70
813486	98	813628	72	813773	82	813838	73A
813486	100	813630	70	813783	43	813838	74
813495	98	813630	73A	813791	3	813839	70
813497	28	813633	70	813791	13	813839	73A
813499	52	813634	72	813792	3	813839	74
813500	50	813634	73C	813792	13	813839	75C
813512	28	813642	78	813813	70	813840	73C
813538	82	813646	78	813813	73A	813844	70
813539	82	813646	80	813813	74	813844	72
813541	82	813647	15	813814	72	813844	73A
813543	82	813656	78	813815	72	813844	73C
813545	82	813656	80	813815	73A	813844	73E
813546	82	813664	78	813815	74	813844	73G
813547	82	813668	78	813816	70	813845	72
813548	82	813668	80	813816	73C	813845	73C
813549	82	813673	78	813817	70	813845	74
813550	82	813673	80	813818	70	813845	76
813551	82	813677	78	813819	72	813846	70
813584	74	813677	80	813820	72	813846	72
813599	77	813692	70	813820	73G	813846	73A
813611	74	813692	73A	813821	70	813846	73C
813611	76	813692	73E	813821	73A	813846	74
813612	72	813694	26	813821	74	813846	75A
813613	72	813694	90	813822	72	813846	75C
813613	73G	813708	43	813822	73A	813847	72
813614	70	813711	41	813822	74	813847	73C
813615	74	813711	42A	813823	70	813849	70
813615	76	813711	43	813823	73A	813850	70
813616	72	813716	11	813824	70	813850	73C
813617	72	813724	41	813825	72	813851	70
813617	76	813724	43	813825	73A	813851	73A
813618	73E	813725	41	813825	74	813851	74
813618	74	813725	43	813826	72	813853	70
813618	76	813727	41	813827	74	813853	74

Page 115		Issue		Numerical Index	
Part No.	Page	Part No.	Page	Part No.	Page
813854	70	813885	73A	814266	18
813854	73A	813886	70	814266	61A
813855	70	813887	73C	814266	63A
813855	73A	813888	72	815005	28
813855	74	813888	73C	815011	34
813856	70	813889	72	815012	34
813856	73A	813890	72	815013	34
813856	74	813890	73G	815014	34
813857	72	813892	78	815015	34
813857	73C	813894	78	815016	34
813858	72	813895	77	815018	34
813858	73C	813896	77	815025	28
813859	70	813904	78	815035	15
813860	70	813907	78	815036	15
813860	73C	813915	78	815036	16
813861	72	813915	80	815037	3
813861	73C	813917	78	815038	3
813862	70	813918	80	815038	7
813862	74	813919	78	815038	48
813863	72	813920	80	815042	30
813863	73A	813921	78	815043	3
813864	74	813921	80	815044	3
813865	74	813923	78	815045	7
813866	70	813939	90	815046	3
813866	73A	813961	90	815046	7
813866	74	813966	90	815048	3
813867	73A	813967	90	815048	7
813869	70	813984	88	815048	11
813870	70	813997	90	815051	3
813870	73A	813998	90	815051	9
813870	74	814000	90	815052	3
813871	70	814002	92	815052	9
813872	72	814025	94	815053	3
813872	73A	814032	92	815059	18
813873	73A	814032	94	815069	3
813873	74	814033	90	815069	7
813874	70	814033	96	815070	1
813874	73A	814034	90	815074	32
813874	74	814036	88	815080	66
813875	70	814037	90	815085	3
813875	73A	814038	94	81508902	50
813875	74	814041	88	81508903	50
813876	74	814041	96	81508904	50
813878	70	814075	98	81508905	50
813878	73A	814143	106	81508906	50
813878	74	814146	106	81508907	48
813879	74	814150	106	81508908	48
813880	70	814155	106	81508909	48
813880	74	814250	48	81508910	48
813885	72	814250	49A	81508911	48
				81508919	52
				81508924	54
				81508927	52
				81508928	52
				81508929	52
				81508930	54
				81508931	52
				81508951	52
				81508952	52
				81508953	52
				8150900	61C
				81509004	62
				81509004	63C
				81509005	60
				81509005	61C
				81509005	62
				81509005	63C
				81509006	60
				815099	34
				815100	28
				815100	34
				815101	26
				815116	43
				815117	43
				815123	26
				815138	26
				815139	34
				815146	54
				815147	54
				815156	3
				815156	7
				815157	5
				815157	7
				815161	5
				815161	7
				81516504	100
				81516505	100
				81517406	98
				81517410	60
				81517410	61C
				81517416	100
				815177	43
				815209	18
				815215	38
				815237	52
				815244	102
				815245	102
				815246	102
				815249	7
				815251	39

Page 116		Issue		Numerical Index			
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
815256	38	815597	3	815822	60	815864	62
815282	104	815597	9	815822	61A	815864	63C
815289	30	815601	61A	815822	62	815865	60
815290	30	815601	63A	815822	63A	815865	61C
815291	30	815631	3	815823	60	815865	62
815292	30	815649	49A	815823	61A	815865	63C
815301	1	815683	84	815823	62	815866	60
815302	1	815689	61A	815823	63A	815866	61C
815316	64	815689	63A	815824	60	815866	62
815317	28	815696	61C	815824	61A	815866	63C
815323	64	815696	63C	815824	62	815867	60
815324	20	815717	84	815824	63A	815867	61C
815325	64	815718	84	815825	60	815867	62
815328	60	815719	84	815825	61A	815867	63C
815329	64	815720	84	815825	62	815868	60
815352	102	815722	84	815825	63A	815868	61C
815380	84	815723	84	815826	60	815868	62
815405	84	815724	84	815826	61A	815868	63C
815406	84	815725	84	815826	62	815869	60
815407	84	815726	84	815826	63A	815869	62
815411	84	815729	84	815827	20	815870	60
815412	84	815730	84	815828	41	815870	61A
815434	62	815731	84	815829	45	815870	62
815435	28	815733	84	815831	64	815870	63A
815439	7	815734	84	815832	1	815871	28
815440	7	815735	84	815832	54	815893	28
815441	7	815762	64	815836	24	815921	63A
815442	16	815765	20	815839	20	815922	61A
815443	16	815795	39	815853	45	815929	98
815444	7	815796	26	815858	3	815931	20
815453	7	815797	26	815858	7	815932	5
815456	9	815807	60	815859	3	815934	98
815457	20	815807	61A	815860	60	815974	46A
815461	11	815807	62	815860	61A	815998	61C
815464	68	815807	63A	815860	62	815998	63C
815469	16	815810	28	815860	63A	815999	61C
815507	3	815811	1	815861	60	815999	63C
815507	13	815812	1	815861	61A	816004	43
815508	104	815814	22	815861	62	816005	63C
815512	26	815817	22	815861	63A	818822	72
815513	15	815818	64	815862	60	821137	9
815513	16	815819	18	815862	61A	821317	64
815518	43	815820	60	815862	62	821382	43
815519	43	815820	61A	815862	63A	821382	61A
815525	26	815820	62	815863	60	821382	63A
815545	9	815820	63A	815863	61A	821397	18
815579	84	815821	60	815863	62	821397	61A
815581	84	815821	61A	815863	63A	821397	63A
815583	102	815821	62	815864	60	821477	9
815584	102	815821	63A	815864	61C	821497	66

Page 117		Issue	Numerical Index				
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
821602	42A	842600	45	891702	96	900188	75C
823690	42A	842664	46A	891787	22	900189	75C
825176	36	842747	45	891787	24	900190	75A
82523901	60	842759	45	891788	22	900457	49A
82523901	61C	842769	41	891788	24	901699	54
825265	5	842770	41	891803	22	909072	20
825265	9	842770	42A	891803	24	910162	49A
825265	49A	842790	41	891804	22	910218	96
825592	43	842791	41	891804	24	910219	92
825675	68	842816	41	891805	22	910221	92
825690	1	842816	42A	891805	24	910224	92
825815	22	842826	54	891806	22	910238	94
825816	22	843005	64	891806	24	910245	73C
825817	22	843072	42A	891811	22	910706	73G
825909	36	843073	41	891813	22	910707	73C
825911	1	843073	42A	891813	24	910787	94
825984	36	843074	41	891814	22	910787	96
826025	28	843074	42A	891814	24	911060	73A
826026	28	843075	41	891816	22	911068	76
826171	100	843075	42A	891816	24	911069	106
826262	30	843156	15	891827	82	911398	92
826282	22	843156	16	892102	106	911399	92
826450	36	843156	61C	892113	106	911430	73G
826451	36	843156	63C	892124	43	911431	73G
826788	68	843221	68	892124	61A	911454	73G
829693	97A	843253	45	892124	63A	911468	73G
830151	20	850145	30	892271	106	911582	106
842106	39	850179	28	892276	49A	911583	106
842130	43	850216	48	892376	43	911584	106
842160	18	85021601	48	892376	61A	911585	106
842160	61C	850251	28	892376	63A	911586	106
842160	63C	85033305	98	892596	98	911587	106
842160	67	891019	80	893010	74	911588	106
842166	39	891066	88	893013	70	911589	106
842167	39	891068	90	893013	74	911590	106
842168	39	891069	43	893065	74	911591	106
842169	39	891141	20	893068	70	911592	106
842173	61A	891141	66	893069	70	911593	106
842173	63A	891196	22	893080	72	911594	106
84218202	58	891196	24	893080	73G	911596	74
84218204	58	891198	22	893228	13	911608	106
842291	30	891440	7	893494	88	911699	94
842292	30	891495	80	893510	57	911700	92
842293	30	891510	14	893511	57	911701	94
842294	30	891518	14	893512	57	911702	92
842513	39	891521	14	893513	57	911703	96
842571	39	891523	13	893524	13	911704	96
842572	39	891528	14	894013	106	911705	94
842579	45	891530	13	895086	61C	911706	94
842580	45	891586	22	900187	75C	911707	96

Page 118		Issue		Numerical Index			
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
911708	94	922305	73C	926736	97E	929633	97E
911709	94	922360	75C	926783	97C	929634	97E
911710	96	922999	90	926844	97A	929635	97E
912090	75C	923075	73E	926845	97A	929636	97E
912095	75A	923126	36	926846	97A	929638	97E
912095	75C	923196	49A	926847	97A	929639	97E
913642	80	923297	28	926855	97A	929640	97E
920775	41	923652	45	926901	73E	929641	97E
920775	42A	923652	46A	926921	75C	929642	97E
920958	11	923681	41	926922	75C	929643	97E
921013	102	923681	42A	926923	75C	929644	97E
921097	3	923682	41	926924	75C	929645	97E
921097	7	923682	42A	926990	46A	929646	97E
921098	3	923690	46C	927018	46A	929648	33A
921102	52	923690	61A	927130	73A	929649	97C
921103	3	923690	63A	927131	73A	929651	97C
921103	9	923734	42A	927132	73A	929652	97C
921103	64	923803	90	927136	73C	929653	97C
921104	3	923804	90	927152	96	929654	97C
921104	41	923805	90	927153	96	929655	97C
921108	54	923924	41	927154	96	929661	97C
921121	3	923924	42A	927505	73A	929662	97C
921121	13	923926	41	927507	73C	929663	97C
921129	9	923926	42A	927507	73G	929666	97C
921136	7	923962	41	927508	73C	929667	97C
921161	41	923962	42A	927509	73C	929668	97C
921374	70	923984	42A	927510	73C	929669	97C
921387	94	924579	75C	927511	73C	929670	97C
921417	41	924603	75C	928012	46A	929671	97C
921418	41	924610	75C	928636	41	929672	97C
921419	41	924611	75C	928649	46C	929674	97C
921420	41	924612	75C	928911	55A	929676	97C
921421	41	924614	75C	929225	55A	929678	97A
921422	41	924615	75A	929614	97E	929680	97A
921422	42A	924616	61C	929616	97E	929685	97A
921423	41	924616	63C	929617	97E	929687	97A
921423	42A	924616	75C	929618	97E	929688	97A
921424	41	924620	97E	929619	97E	929689	97A
921424	42A	924854	42A	929621	97E	929690	97A
921425	41	924986	42A	929622	97E	929692	97A
921425	42A	924996	42A	929623	97E	929694	97A
921427	45	925239	46A	929624	97E	929697	97A
921427	46A	926258	75A	929625	97E	929698	97A
921563	80	926266	75A	929626	97E	929699	97A
921848	78	926282	75A	929627	97E	929700	97A
922032	73G	926671	75C	929628	97E	929701	97A
922299	75C	926729	97C	929629	97E	929703	97A
922303	75C	926729	97E	929630	97E	929705	97A
922305	61C	926732	97C	929631	97E	929706	97A
922305	63C	926732	97E	929632	97E	929707	97A

CA15A
Spare Parts Catalog



Page 119		Issue		Numerical Index	
Part No.	Page	Part No.	Page	Part No.	Page
929708	97A	989038	18		
929709	33A	989039	18		
929710	33A	989077	61A		
929711	33A	969077	63A		
929712	33A	989078	5		
929713	33A	989078	48		
929892	97E	989078	49A		
929893	97E	989078	61C		
929894	97C	989078	63C		
929895	97C	989079	61A		
929896	97A	989079	63A		
929897	97A	989131	15		
929898	97A	989131	16		
930046	22	998055	98		
930046	61A	999023	61C		
930046	63A	999023	63C		
930061	64	999023	67		
930099	22	999024	67		
930099	61C	999025	67		
930099	63C				
930151	61A				
930151	63A				
930200	20				
930200	61C				
930200	63C				
950059	20				
950059	61A				
950059	63A				
960161	98				
975037	61C				
975037	63C				
975037	67				
975048	59				
975049	59				
976025	62				
976025	63C				
985012	61C				
985012	63C				
985060	18				
985060	61C				
985060	63C				
985061	18				
985061	61C				
985061	63C				
985066	98				
985086	18				
985086	63C				
989019	18				
989019	61C				
989019	63C				