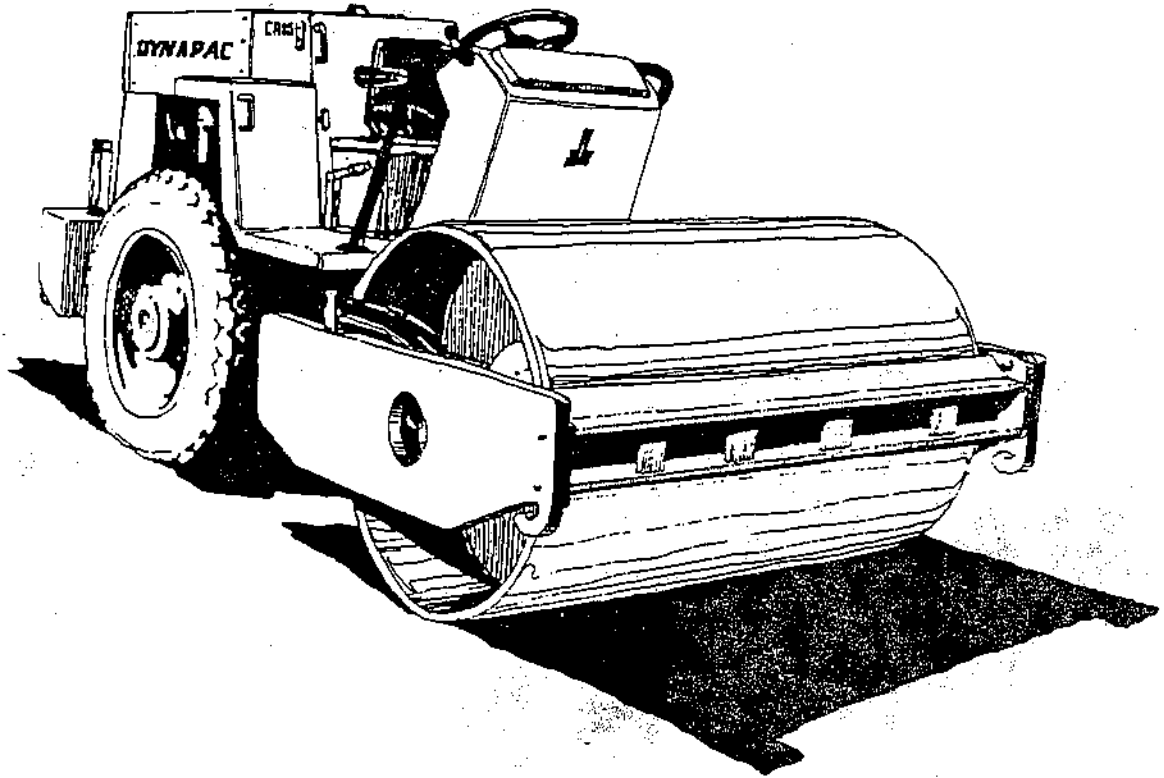


SPARE PARTS CATALOG



Engines

J. Deere
Detroit
Ford

Axles

Hurth
Rockwell

SPARE PARTS CATALOG

CA15

VIBRATORY ROLLER

PA-15-PL01

Reprinted June 1987

Order No. 829009

DYNAPAC

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INTRODUCTION

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

In back of the catalog you will find a Numerical Index. When the Part Number is known, refer to the index and note the page number. Turn to the page for specific information about the part and the illustration for a visual description and application.

3. Using the catalog

This catalog is based on a group system which will be common to all new Dynapac Parts Catalogs. It starts with a Table of Contents followed by the individual groups, and ends with the Numerical Index. The Table of Contents shows the groups included in the catalog and each group in turn begins with a Table of Contents that describes the pages included in that group. The pages within the groups are made up of a parts list page on the left and an illustration page on the right. Illustrated below is an explanation of how the parts list page works.

- ① The product, the Part Numbers of which are shown in the section.
- ② Group and Page Numbers
- ③ Illustration Number. This number is also shown in the lower right hand corner of the illustration.
- ④ Spare Parts Catalog Number and Issue Number.
- ⑤ Name of Group Page and Illustration.
- ⑥ Ref. No. corresponds to number on illustration.
- ⑦ Quantity columns show number of parts required for the Ref. No. listed under the Model column.
- ⑧ Part Number to be used when placing an order.
- ⑨ Description column describes parts listed on page. 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 assembly or subassembly.
- ⑩ Serial Number column denotes serial number information.

CA15, CA15D, CA15PD
Spare Parts Catalog

1

3

4

1 DYNAPAC

Page	Group	Illustration Number	Catalog Number	Illustration
2	3	PA-15-PL138	PA-15-PL01	Engine (Ford Diesel)

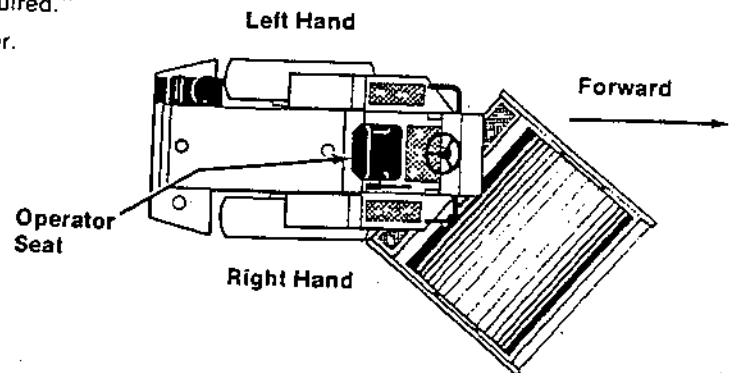
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA	TS	D	PD			
1	1	1	1	1	601106	Engine, Ford Diesel	TO
2	1	1	1	1	NSS	Assembly, Fan	
3	1	1	1	1	NSS	Spacer, Fan	
4	1	1	1	1	NSS	Belt, Generator Drive	
5	1	1	1	1	NSS	Assembly, Generator	
6	1	1	1	1	NSS	Element, Oil Filter	
7	1	1	1	1	NSS	Oilpan, Oil	
8	1	1	1	1	NSS	Kit, Filter Element	
9	1	1	1	1	NSS	Assembly, Starter Motor & Relay	
10	1	1	1	1	601171	Shaft, Flex. Tachometer (Eng. Drive)	
11	12	12	12	12	602061	Capacitor, HH	
12	4	4	4	4	605007	Washer, Bevel	
13	12	12	12	12	604030	Lockwasher	
14	4	4	4	4	671006	Hex Nut	
15	1	1	1	1	615314	Support, R.H. Engine	
16	4	4	4	4	615315	Support, L.H. Engine	
17	4	4	4	4	671007	Hex Nut	
18	4	4	4	4	604033	Lockwasher	
19	1	1	1	1	602067	Capacitor, HH	
20	1	1	1	1	615402	Sender, Oil Pressure	
21	1	1	1	1	602105	Shaft, Flex Tachometer (Gen. Drive)	
-	1	1	1	1	606079	Sender, Water Temp.	
-	1	1	1	1	606055	Sender, Water Temp.	

SN 611 & Up
To SN 610

S/N 611 & Up
To S/N 910

4. 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."
- E. The abbreviation S/N stands for machine serial number.

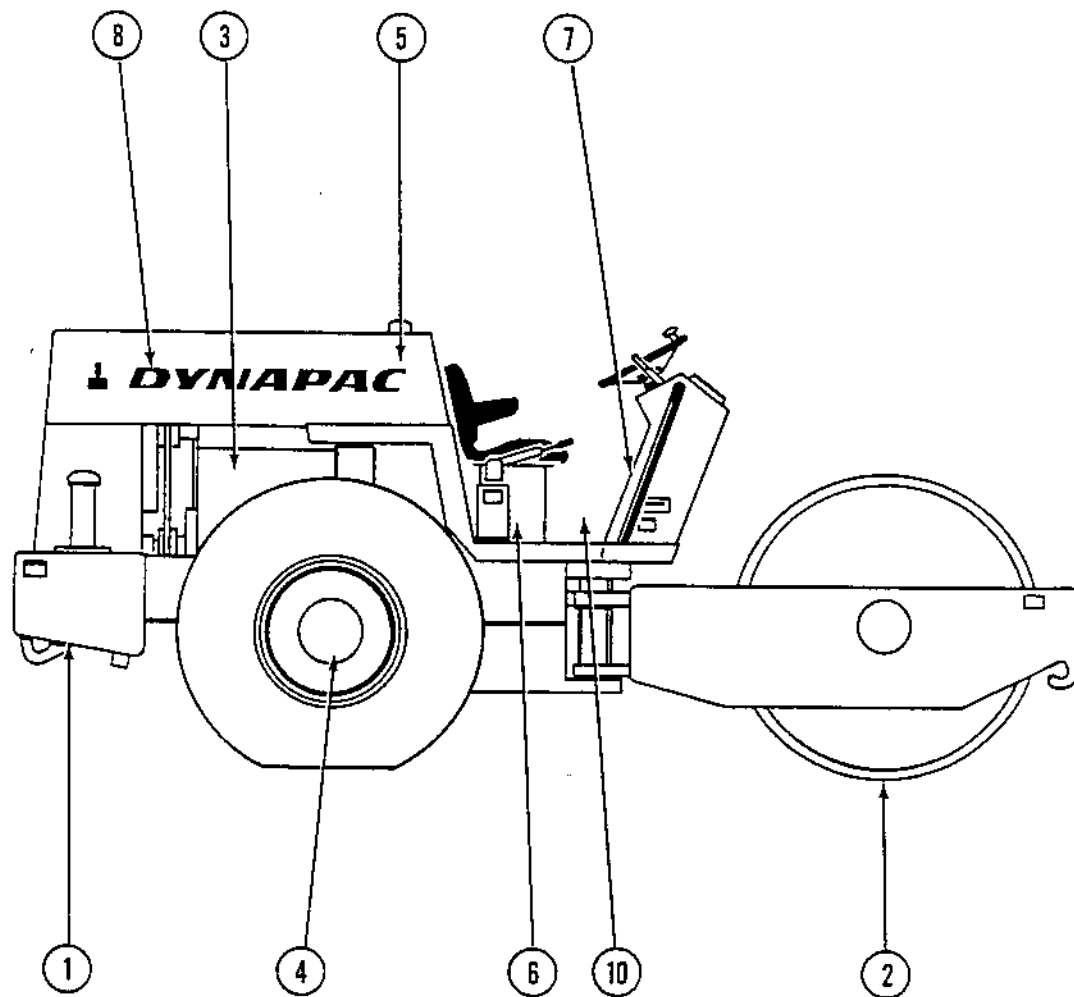


5. Ordering Parts

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.

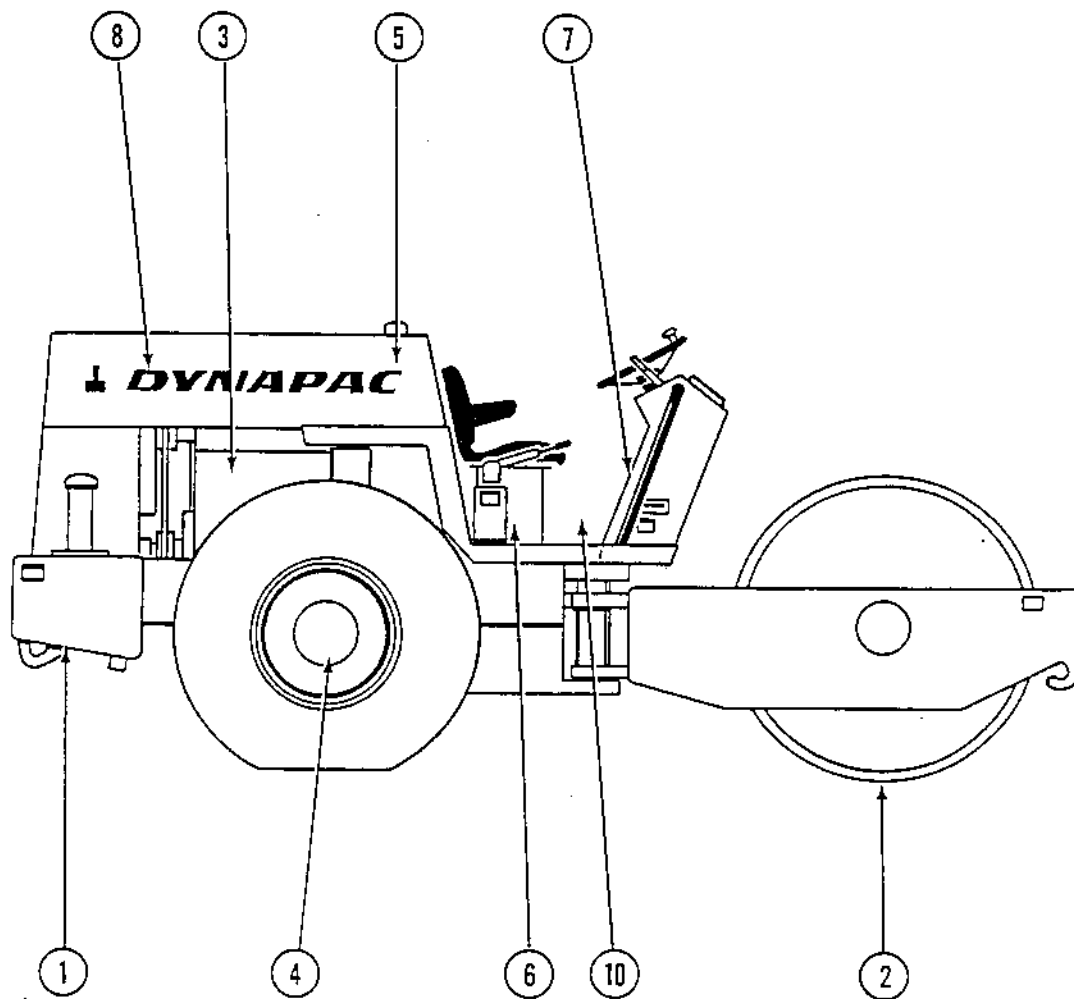
Page	Group	Illustration Number	Catalog Number	Illustration
2	00	PA-15-PL178	PA-15-PL01	Table of Contents

Ref. No.	Group	Description	See Page
1	Group 1	FRAME Frames Engine Covers & Hydraulic Reservoir Scrapers (S/N 1026 to 2100 on PD Drum) Scrapers, to S/N 1025 Strike-Off Blade Steering Hitch, to S/N 1850 Steering Hitch, S/N 1851 & Up Scraper (S/N 2101 & Up on PD Drum)	 2 4 6 8 10 12 14 16
2	Group 2	DRUM Drum, Standard, S/N 1851 & Up Drum, Std. or Dual Amp. to S/N 1850 Drum, Drum Drive & Padded, S/N 1851 & Up, 1851 to 2100 on PD Drum Drum, D, PD & Dual Amp. S/N 741 to 1850 Drum, D, PD & w/Staffa Drive to S/N 740 Torque Hub, S/N 741 & Up Drum, PD S/N 2101 & Up	 2 4 6-8 10-12 14 16-18 20-22
3	Group 3	ENGINE Engine, John Deere Engine, Ford Engine, Detroit Air Cleaner, Ford & John Deere Air Cleaner, Detroit Cooling System, John Deere Cooling System, Ford Cooling System, Detroit Fuel System, John Deere Fuel System, Ford Fuel System, Detroit Exhaust System, John Deere Exhaust System, Ford Exhaust System, Detroit Pump Drive Assembly Pump Drive, Vibration & Steering Pump Drive, Strike-Off Blade Det., to S/N 469	 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34
4	Group 4	TRANSMISSION (To S/N 2079) Wheel Axle & Motor Assembly Brake & Planetary Assembly Differential & Axle Assembly Two Speed Gear Box TRANSMISSION (From S/N 2080 & Up) Wheel Axle & Motor Assembly Brake Assembly Planetary Assembly Differential Assembly	 2 4 6-8 10-12 14 16 18 20 22 24



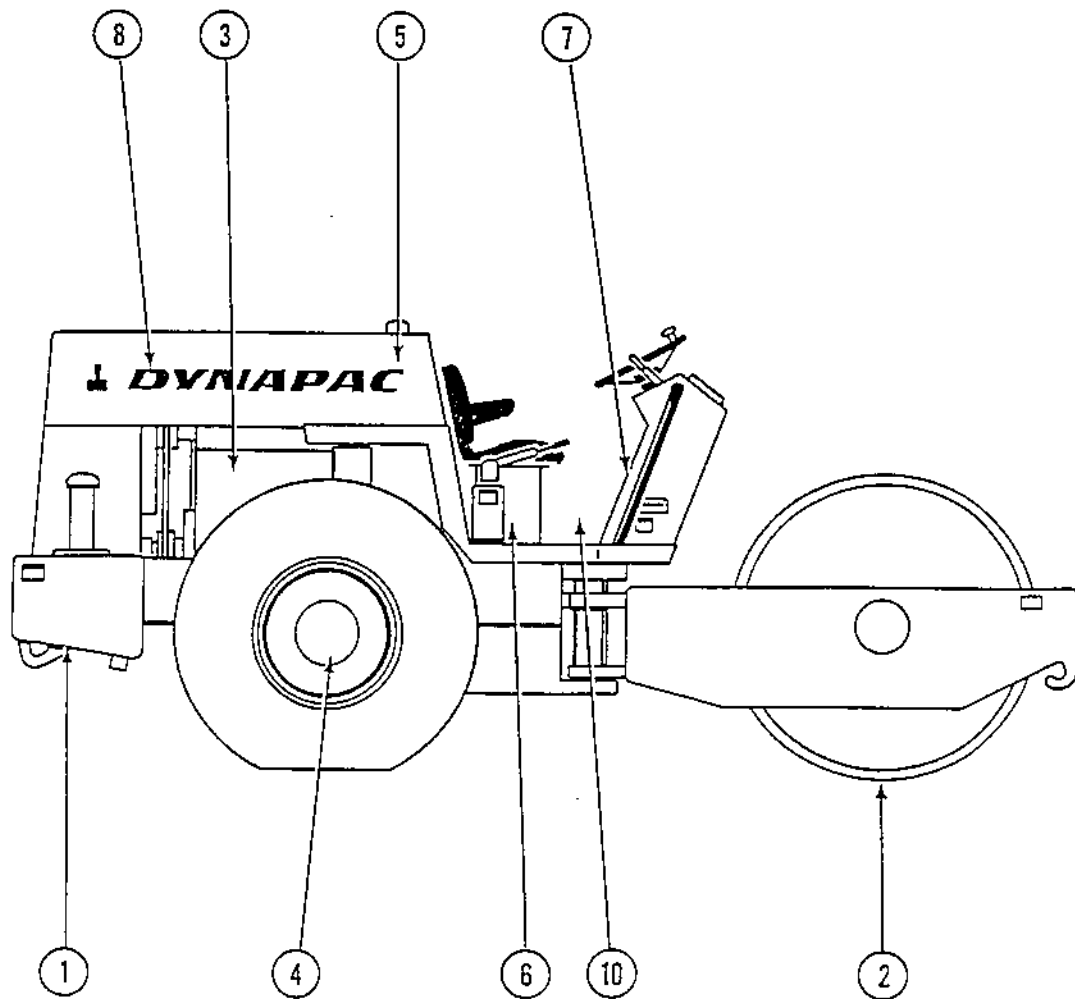
Page	Group	Illustration Number	Catalog Number	Illustration
4	00	PA-15-PL178	PA-15-PL01	Table of Contents

Ref. No.	Group	Description	See Page
5	Group 5	HYDRAULIC SYSTEMS	
		Hydraulic Schematic (S/N 2080 & Up)	2
		Hydraulic Schematic (To S/N 2049)	4
		Traction System, Standard (From S/N 2080 & Up)	6
		Traction System, Standard (To S/N 2079)	8
		Traction System, CA15D, PD, (S/N 2080 & Up)	10
		Traction System, CA15D, PD (S/N 741 to 2079)	12
		Traction System, CA15D, PD, (To S/N 740)	14
		Traction Pump (S/N 2080 & Up)	16-18
		Charge Pump Assembly (Valid For Both Pumps)	20
		Control Valve Assembly (S/N 2080 & Up)	22
		Traction Pump (To S/N 2079)	24-26
		Traction Motor, Axle (S/N 2080 & Up)	28-30
		Traction Motor, Axle (To S/N 2079)	32-34
		Manifold Valve Assembly (To S/N 2079)	36
		Traction Motor, Drum (S/N 2080 & Up)	38
		Traction Motor, Drum (S/N 741 to 2079)	40
		Traction Motor, Drum (S/N 441 to 740)	42
		Traction Motor, Drum (To S/N 440)	44
		Vibration System, Standard	46
		Vibration System, Dual Amplitude	48
		Vibration & Steering Pump	50
		Vibration Motor	52
		Vibration Control Valve	54
		Vibration Control Valve, Dual Amplitude	56
		Steering System	58
		Steering Valve, Tag YS-11 or YS-12	60
		Steering Valve, Tag 211-1039	62
		Steering Cylinder	64
		Strike-Off Blade System (To S/N 469)	66
		Strike-Off Blade System (S/N 470 & Up)	68
		Strike-Off Blade Control Valve	70
		Strike-Off Blade Cylinder	72
		Hydraulic Oil Filter (S/N 2080 & Up)	74
		Hydraulic Oil Filter (To S/N 2079)	76
		Brake System, Hydraulic (S/N 2080 & Up)	78



Page	Group	Illustration Number	Catalog Number	Illustration
6	00	PA-15-PL178	PA-15-PL01	Table of Contents

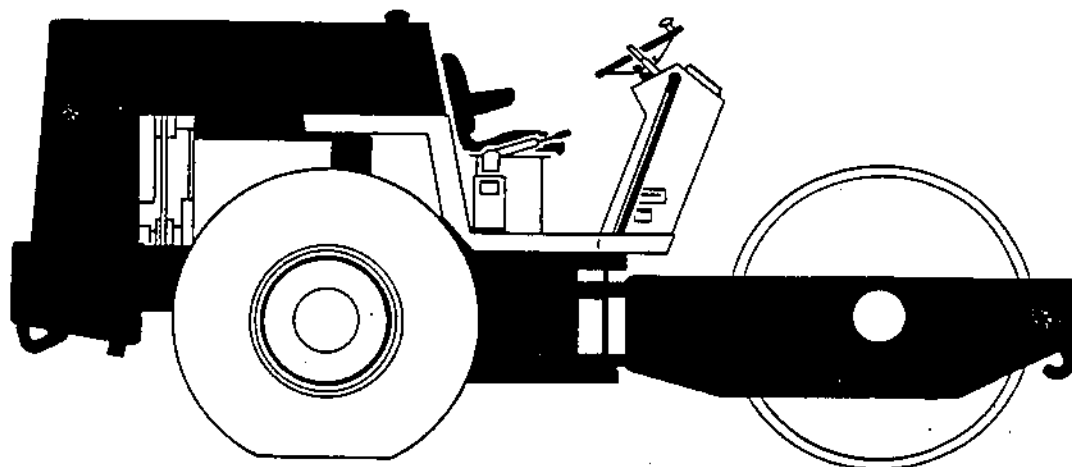
Ref. No.	Group	Description	See Page
6	Group 6	ELECTRICAL EQUIPMENT Wiring Assembly, John Deere, to S/N 2079 Wiring Assembly, Ford Wiring Assembly, Detroit, to S/N 450 Wiring Assembly, Detroit, S/N 451 to 2079 Wiring Assembly, John Deere, S/N 2080 & Up Wiring Assembly, Detroit, S/N 2080 & Up	2 4 6 8 10 12
7	Group 7	DRIVER'S PLATFORM Driver's Platform Instrument Panel Controls & Control Cables Forward & Reverse Control, S/N 505 & Up Forward & Reverse Control, to S/N 504 Hand Brake Assy., to S/N 468 Foot Brake and Hand Brake to S/N 2079	2 4 6-8 10 12-16 18 20-22
8	Group 8	DECALS Decals, CA15, 15D & 15PD to S/N 2079 Decals, CA15 & 15D Dual Amplitude Decals, CA15, 15D & 15PD S/N 2080 & Up	2 4 6
10	Group 10	OPTIONAL EQUIPMENT Cab Assembly Cab Heater & Defroster Headlight Assembly Seat Belt and ROPS Assembly Umbrella Noise Reduction, John Deere Noise Reduction, Ford Noise Reduction, Detroit Right Side Engine Cover Left Side Engine Cover NUMERICAL INDEX	2 4 6 8 10 12 14 16 18 20





FRAME

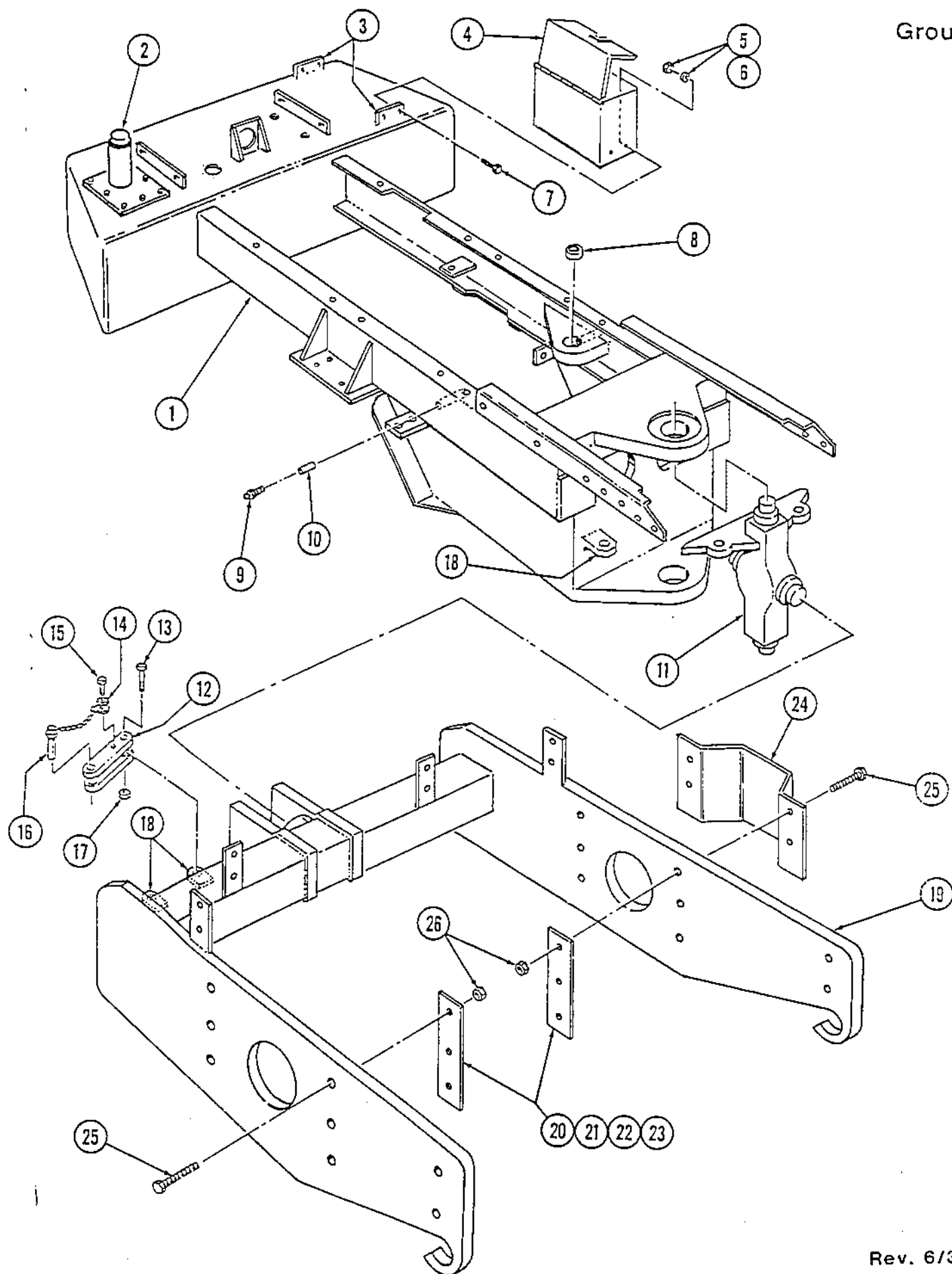
Frames	2
Engine Covers & Hydraulic Reservoir	4
Scrapers (S/N 1026 to 2100 on PD Drum)	6
Scrapers to S/N 1025	8
Strike-Off Blade	10
Steering Hitch, to S/N 1850	12
Steering Hitch, S/N 1851 & Up	14
Scraper (S/N 2101 and Up on PD Drum)	16



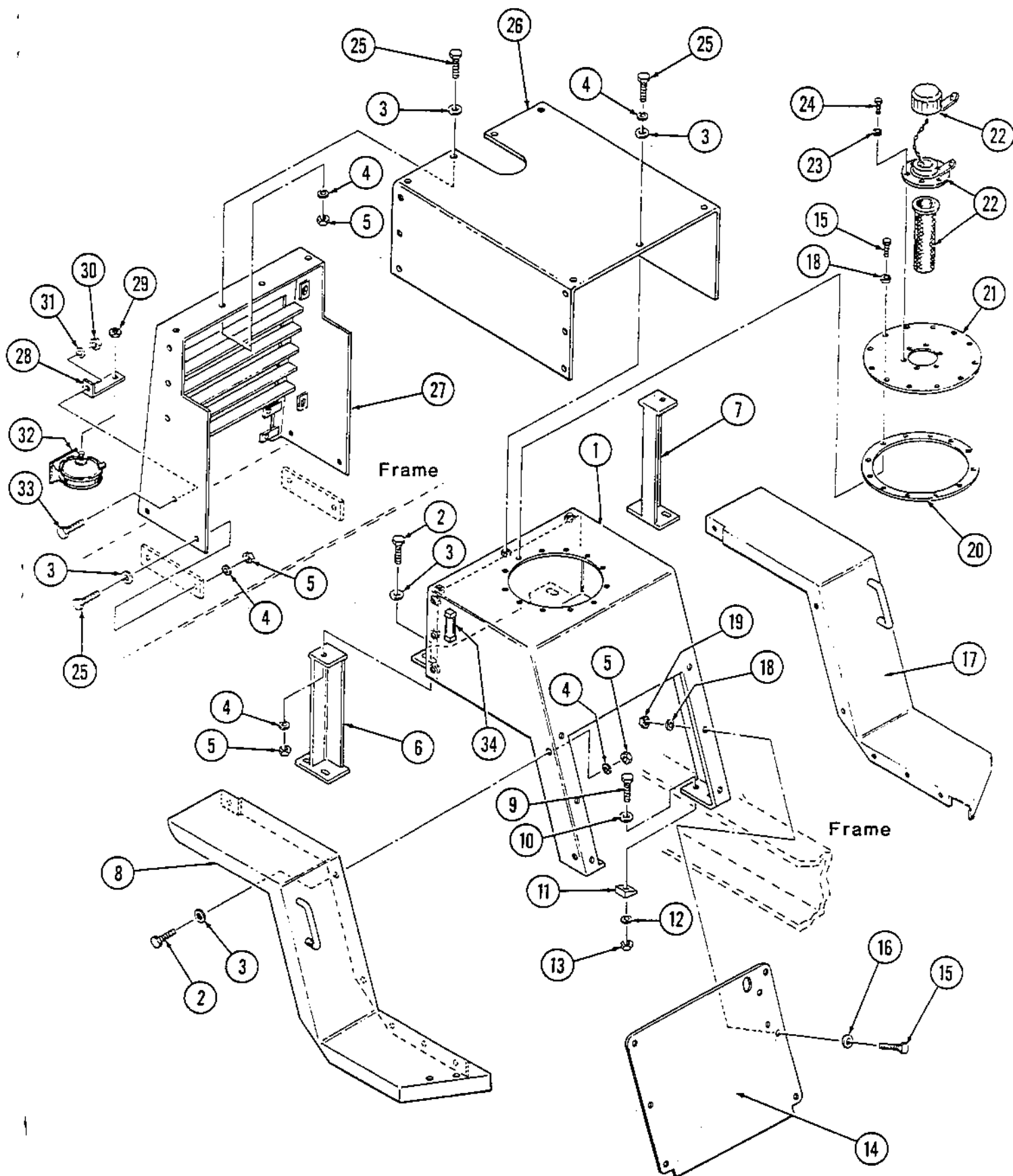
CA15, CA15D, CA15PD
Spare Parts Catalog



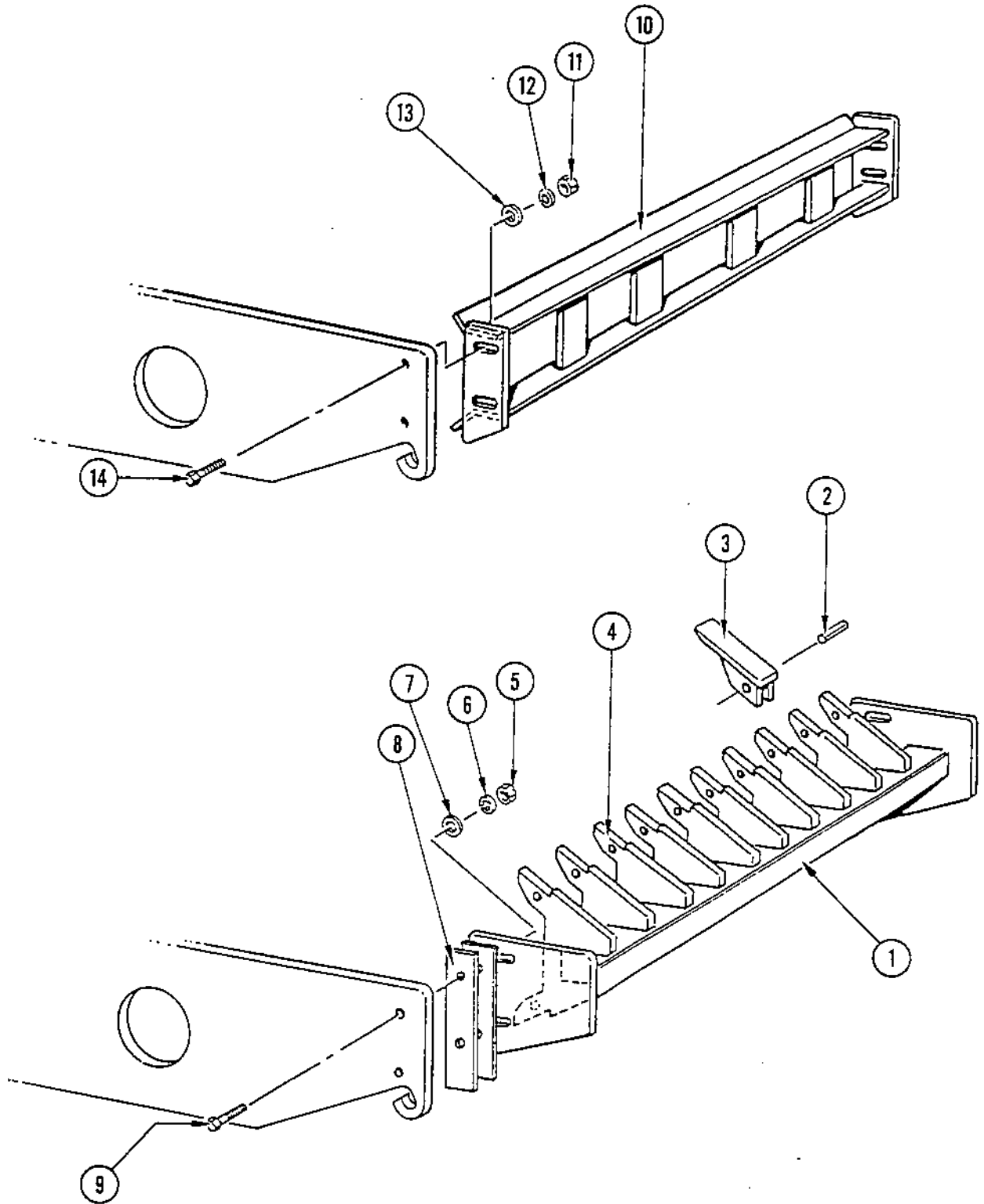
Page		Group		Illustration Number		Catalog Number		Illustration	
2		1		PA-15-PL136		PA-15-PL01		Frames	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815005	Tractor Frame, (Detroit & J. Deere)	S/N 2080 & Up		
-	1	1	1		815871	Tractor Frame, (Detroit)	S/N 1851 to 2079		
-	1	1	1		815025	Tractor Frame, (Detroit)	To S/N 1850		
-	1	1	1		815871	Tractor Frame, (John Deere)	S/N 1851 to 2079		
-	1	1	1		815435	Tractor Frame, (John Deere)	To S/N 1850		
-	1	-	-		815294	Tractor Frame, (Ford)	To S/N 1850		
2	1	1	1		-	Fuel System, (See Group 3)			
3	2	2	2		815220	Bracket, Tool Box			
4	1	1	1		825698	Tool, Box			
5	4	4	4		571001	Hex Nut			
6	4	4	4		604026	Lockwasher			
7	4	4	4		502004	Capscrew, HH			
8	2	2	2		813316	Bearing			
9	2	2	2		310025	Fitting, Lubrication			
10	2	2	2		814049	Nipple, Short			
11	-	-	-		-	Assy, Steering Hitch (See Group 1)			
-	1	1	1		815258	Assy, Safety Lock			
12	1	1	1		815215	Lock, Safety			
13	1	1	1		502124	Capscrew, HH			
14	1	1	1		600007	Washer, Flat			
15	1	1	1		502031	Capscrew, HH			
16	1	1	1		635019	Pin, Hitch			
17	1	1	1		586050	Locknut			
18	3	3	3		815256	Tab, Safety Lock			
19	1	-	-		815894	Frame, Drum	S/N 1851 & Up		
-	1	-	-		815490	Frame, Drum	To S/N 1850		
-	-	1	1		815895	Frame, Drum	S/N 1851 & Up		
-	-	1	-		815494	Frame, Drum	To S/N 1850		
-	-	-	1		815494	Frame, Drum	S/N 1026 to 1850		
-	-	-	1		815495	Frame, Drum	To S/N 1025		
20	A/R	A/R	A/R		842291	Shim, Drum, 1/8" or 3.175 mm			
21	A/R	A/R	A/R		842292	Shim, Drum, 1/4" or 6.35 mm			
22	A/R	A/R	A/R		842293	Shim, Drum, 1/16" or 1.588 mm			
23	A/R	A/R	A/R		842294	Shim, Drum, 3/16" or 4.763 mm			
24		1	1		815595	Guard, Traction Motor	S/N 814 & Up		
-		1	1		842288	Guard, Traction Motor	To S/N 813		
25	8	8	8		502097	Capscrew, HH			
26	8	8	8		813475	Hex Nut, Elastic Stop			



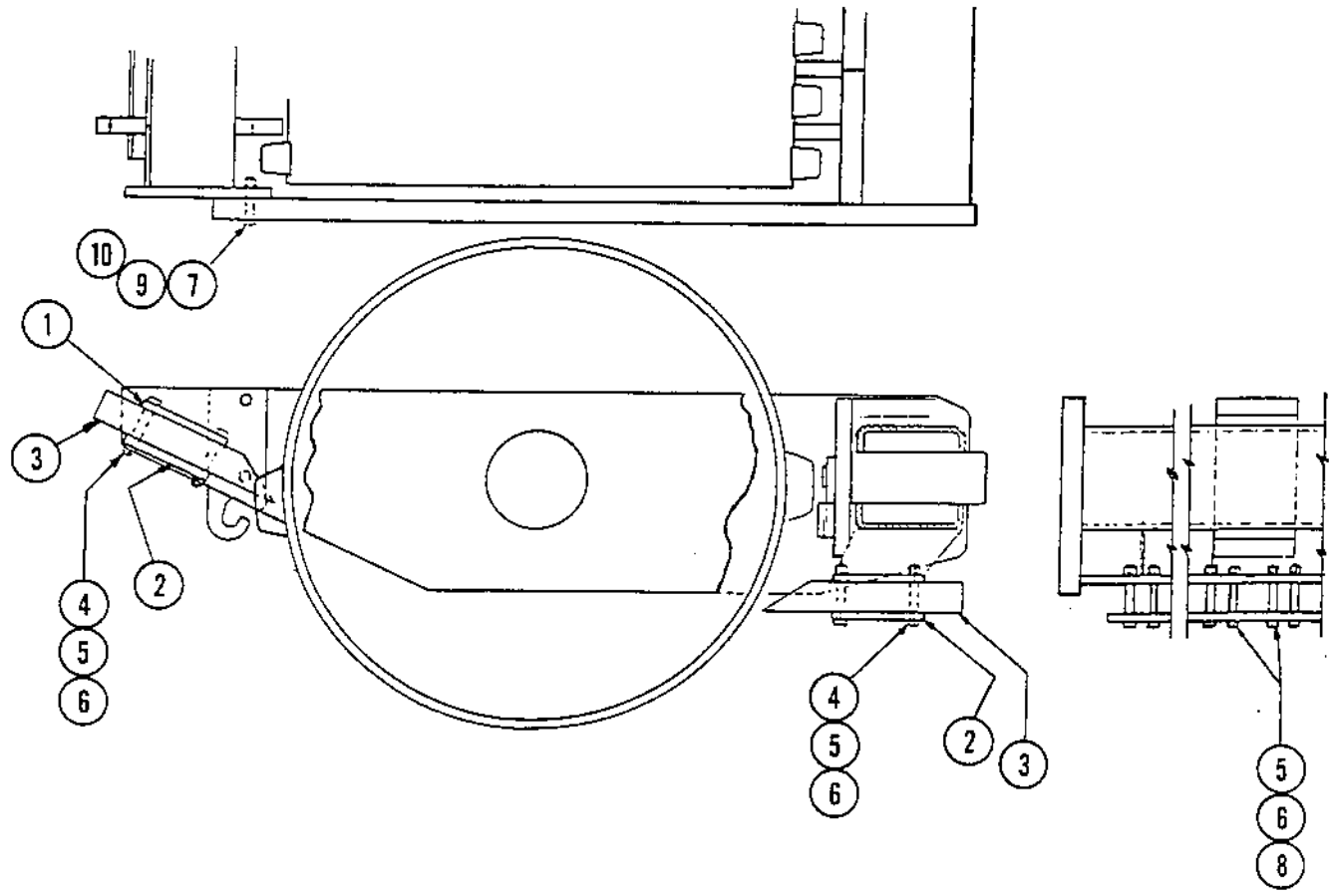
Page		Group		Illustration Number		Catalog Number		Illustration	
4		1		PA-15-PL171		PA-15-PL01		Engine Covers and Hydraulic Reservoir	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815038	Reservoir, Hydraulic			
2	14	14	14		502036	Capscrew, HH			
3	37	37	37		600007	Washer, Flat			
4	37	37	37		604028	Lockwasher			
5	28	28	28		571003	Hex Nut			
6	1	1	1		815043	Support, RH Engine (Detroit Eng.)			
-	1	1	1		815314	Support, RH Engine (Ford Eng.)			
-	1	1	1		815439	Support, RH Engine (J. Deere Eng.)			
7	1	1	1		815044	Support, LH Engine (Detroit Eng.)			
-	1	1	1		815315	Support, LH Engine (Ford Eng.)			
-	1	1	1		815440	Support, LH Engine (J. Deere Eng.)			
8	1	1	1		815277	Fender & Platform, RH			
9	4	4	4		502061	Capscrew, HH			
10	4	4	4		600010	Washer, Flat			
11	4	4	4		605007	Washer, Bevel			
12	4	4	4		604030	Lockwasher			
13	4	4	4		571005	Hex Nut			
14	1	1	1		815051	Cover, Hyd. Reservoir			
15	18	18	18		502004	Capscrew, HH			
16	6	6	6		600005	Washer, Flat			
17	1	1	1		815276	Fender & Platform, LH			
18	18	18	18		604026	Lockwasher			
19	6	6	6		571001	Hex Nut			
20	1	1	1		815045	Gasket, Hyd. Reservoir			
21	1	1	1		815046	Cover, Hyd. Reservoir			
22	1	1	1		499432	Assy., Filler Cap			
-	1	1	1		NSS	Base, Filler Cap			
-	1	1	1		NSS	Screen, Filter			
23	6	6	6		604019	Lockwasher			
24	6	6	6		229001	Capscrew, HH			
25	23	23	23		502035	Capscrew, HH			
26	1	1	1		815039	Hood, Engine (Detroit & J. Deere Eng.)			
-	1	1	1		815338	Hood, Engine (Ford Eng.)			
27	1	1	1		815037	Guard, Radiator (Detroit & Ford Eng.)			
-	1	1	1		815453	Guard, Radiator (J. Deere Eng.)			
28	1	1	1		999024	Bracket, Horn			
29	1	1	1		999025	Hex Nut			
30	1	1	1		571002	Hex Nut			
31	1	1	1		604027	Lockwasher			
32	1	1	1		999023	Horn			
33	1	1	1		502018	Capscrew, HH			
34	1	1	1		813377	Gauge, Hyd. Oil Level			



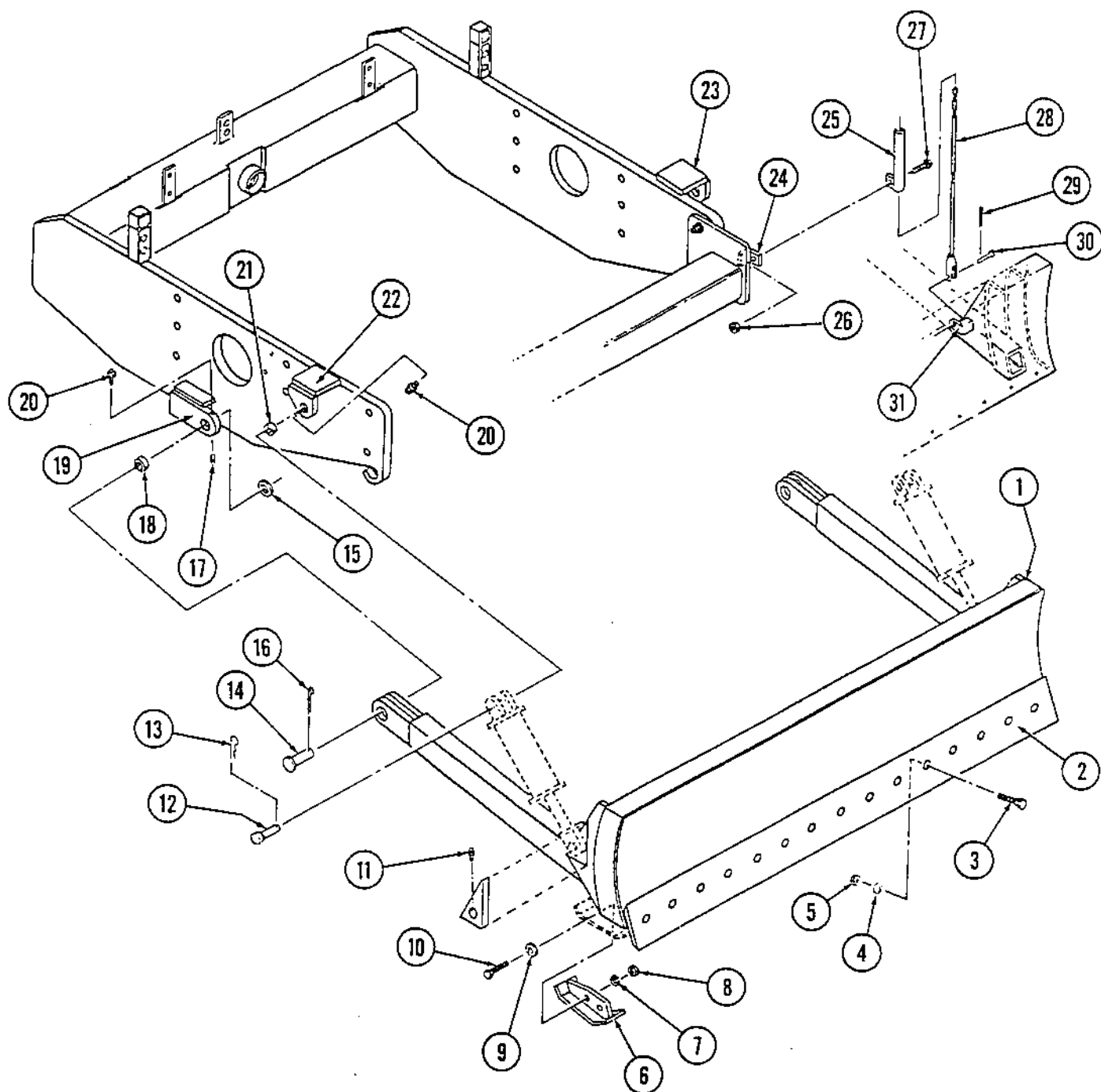
Page		Group		Illustration Number		Catalog Number		Illustration	
6		1		PA-15-PL114		PA-15-PL01		Scraper Bar Assemblies	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD	15 PDB					
1	-	-	1	1	815680	Bar, Cleaner (See Note)	S/N 1026 to 2100		
2	-	-	20	20	801657	Lock			
3	-	-	20	20	801656	Tooth			
4	-	-	10	10	815679	Nose Piece			
5	-	-	4	4	571007	Hex Nut			
6	-	-	4	4	604033	Lockwasher			
7	-	-	4	4	600013	Washer, Flat			
8	-	-	4	4	815681	Shim			
9	-	-	4	4	502148	Capscrew, HH			
10	1	1	-	-	815470	Bar, Scraper			
11	4	4	-	-	571007	Hex Nut			
12	4	4	-	-	604033	Lockwasher			
13	4	4	-	-	600013	Washer, Flat			
14	4	4	-	-	502098	Capscrew, HH			
*Note: For Scraper Assy. From S/N 2101 & Up. See Page 16, Group 2.									



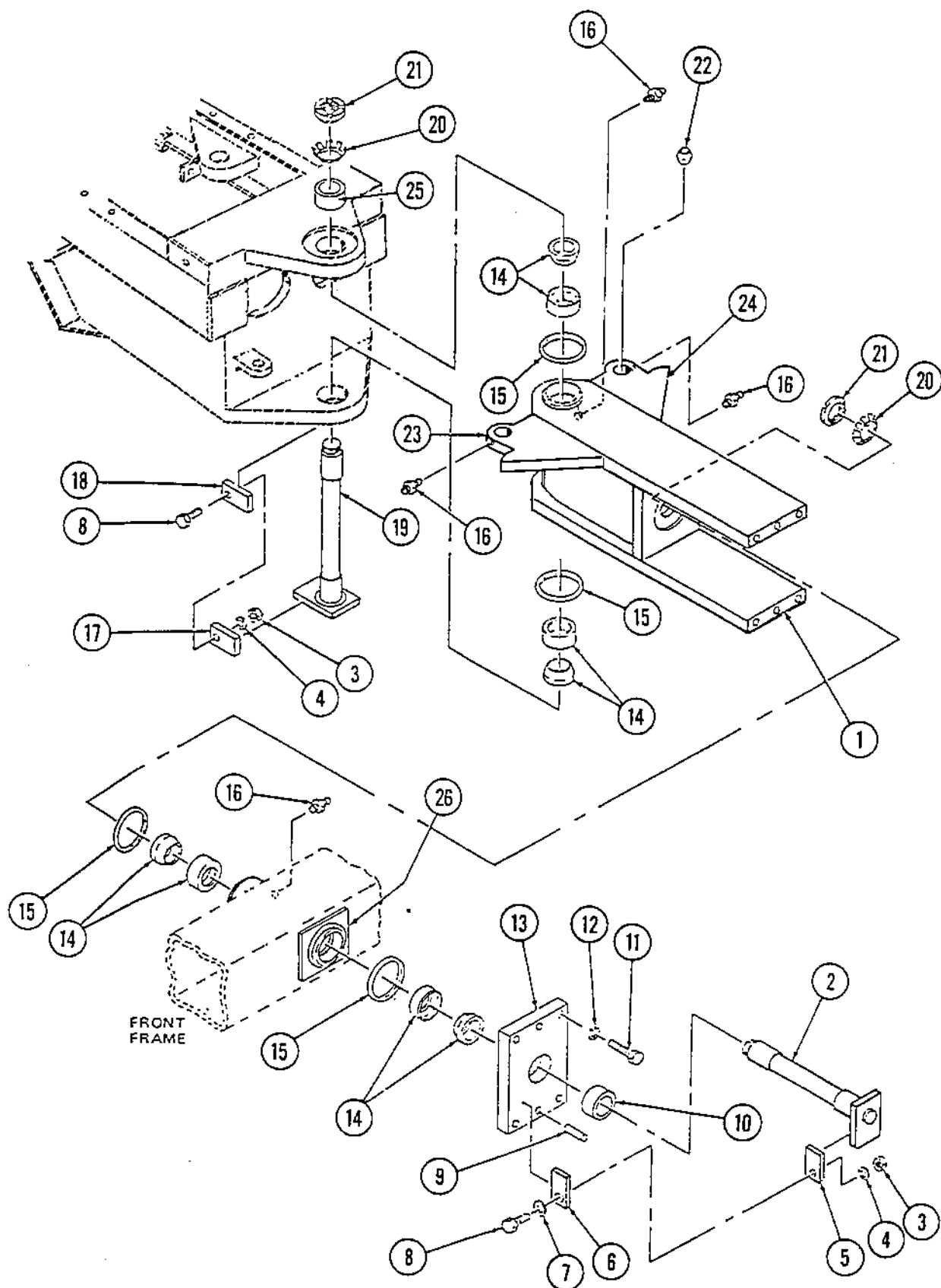
Page 8		Group 1		Illustration Number PA-15-PL109		Catalog Number PA-15-PL01		Illustration Scraper Bar Assembly (To S/N 1025)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 PD	15 PDB							
1	1	1			815106	Front Mounting Plate			
2	2	2			815107	Clamp			
3	20	20			815108	Cleaner Bar			
4	76	76			502087	Capscrew, HH			
5	80	80			571006	Hex Nut			
6	80	80			604032	Lockwasher			
7	4	4			502098	Capscrew, HH			
8	4	4			502216	Capscrew, HH			
9	4	4			571007	Hex Nut			
10	4	4			604033	Lockwasher			



Page		Group			Illustration Number	Catalog Number	Illustration
10		1			PA-15-PL154	PA-15-PL01	Strike Off Blade Assembly
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15 PDB						
1	1				815190	Blade, Strike Off	
2	1				801250	Blade	
3	14				801251	Bolt, Plow	
4	14				604033	Lockwasher	
5	14				571007	Hex Nut	
6	2				815265	Shoe, Plow	
7	4				604030	Lockwasher	
8	4				571005	Hex Nut	
9	4				600069	Washer, Flat	
10	4				502062	Capscrew, HH	
11	2				310018	Fitting, Lubrication	
12	4				635022	Pin, Clevis	
13	4				635020	Clip, Hairpin	
14	2				815194	Pin, Blade	
15	2				815263	Washer, Flat	
16	2				630020	Pin, Cotter	
17	2				332127	Plug	
18	2				100071	Bushing	
19	2				815191	Bracket, Blade Pivot	
20	4				310022	Fitting, Lubrication	
21	4				813316	Bushing	
22	1				815192	Pivot, RH Cylinder	
23	1				815193	Pivot, LH Cylinder	
24	1				815371	Bracket	
25	1				815370	Guide, Indicator	
26	1				571003	Hex Nut	
27	1				502042	Capscrew, HH	
28	1				815369	Indicator, Level	
29	1				630008	Pin, Cotter	
30	1				550038	Pin, Clevis	
31	1				815372	Bracket	



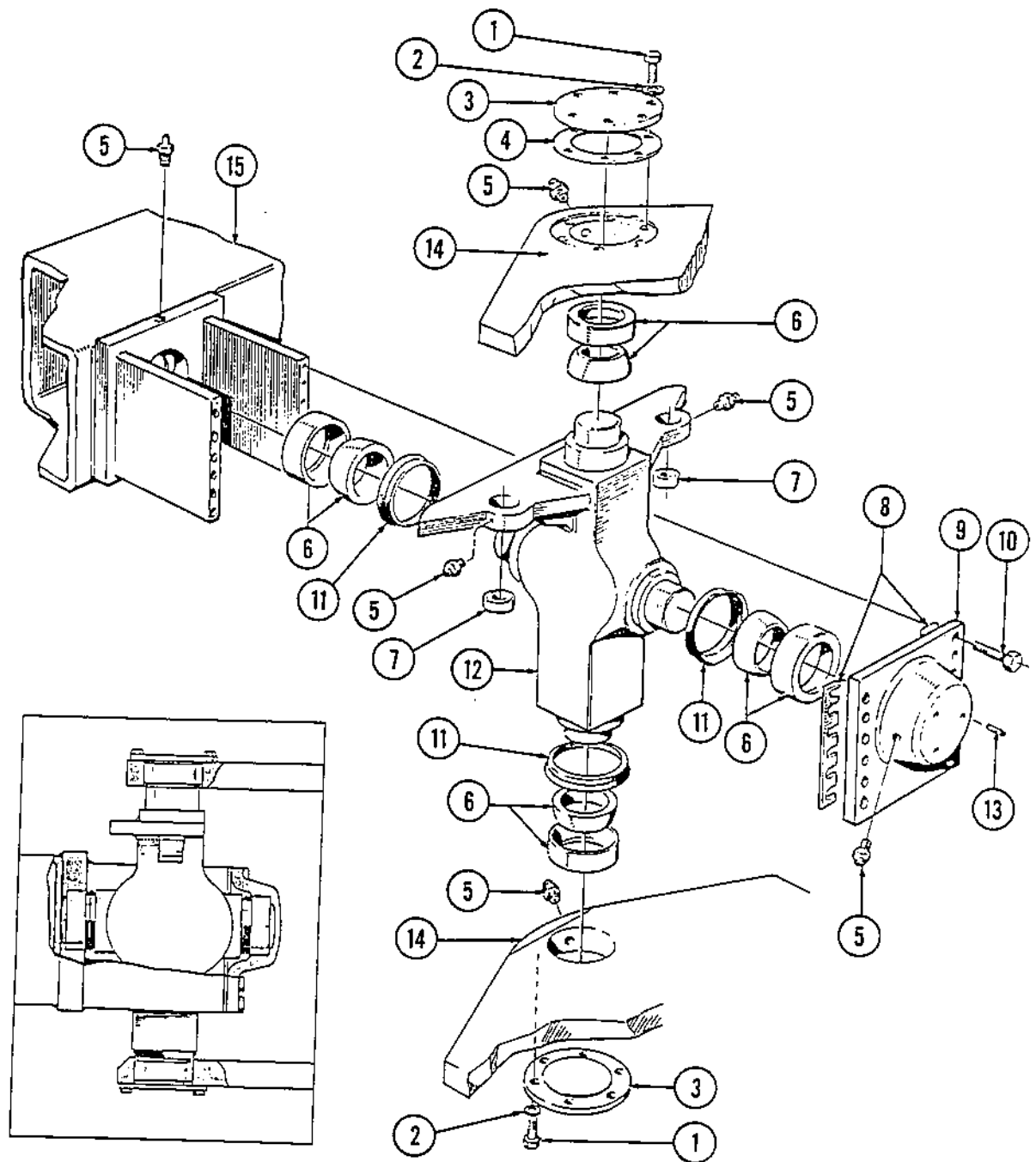
Page		Group		Illustration Number		Catalog Number		Illustration	
12		1		PA-15-PL135		PA-15-PL01		Steering Hitch Assembly (To S/N 1850)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		335622	Hitch, Steering	To S/N 1423 S/N 1424 to 1850		
2	1	1	1		335625	Pin			
3	2	2	2		571005	Hex Nut			
4	2	2	2		604030	Lockwasher			
5	1	1	1		850179	Lock Plate, Steering Hitch			
6	1	1	1		850251	Lock Plate, Steering Hitch			
7	2	2	2		602017	Washer, Flat			
8	2	2	2		502060	Capscrew, HH			
9	2	2	2		923126	Pin, Dowel			
10	1	1	1		825176	Spacer			
11	4	4	4		502141	Capscrew, HH			
12	4	4	4		604034	Lockwasher			
13	1	1	1		433562201	Back Plate, Steering Hitch			
14	4	4	4		801605	Assy, Bearing			
15	4	4	4		813473	O-Ring			
16	4	4	4		310022	Fitting, Lubrication			
17	1	1	1		826026	Lock Plate, Steering Hitch			
18	1	1	1		826025	Lock Plate, Steering Hitch			
19	1	1	1		335624	Pin			
20	2	2	2		813469	Lockwasher			
21	2	2	2		813468	Locknut			
22	2	2	2		813316	Bearing			
23	1	1	1		826450	Ear, R.H			
24	1	1	1		826451	Ear, L.H			
25	1	1	1		335626	Spacer			
26	1	1	1		825909	Assy, Flange & Tube			
-	1	1	1		825984	Assy, Flange & Tube			



CA15, CA15D, CA15PD
Spare Parts Catalog



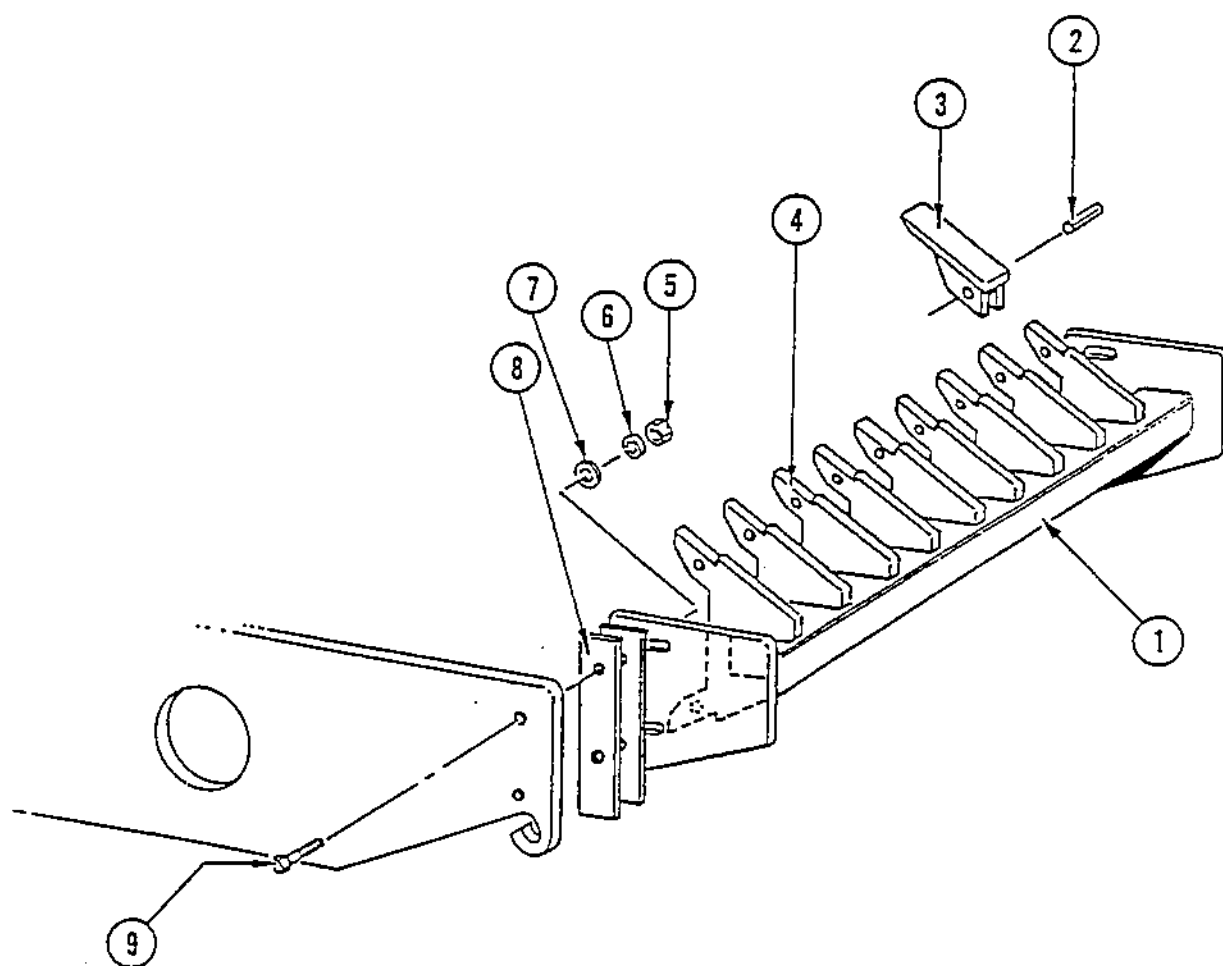
Page		Group		Illustration Number		Catalog Number		Illustration	
14		1		PA-15-PL117		PA-15-PL01		Steering Hitch (S/N 1851 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	12	12	12		500037	Capscrew, HH	See Group 1 See Group 1		
2	12	12	12		615045	Washer, Conical Spring			
3	2	2	2		337042	Cover			
4	A/R	A/R	A/R		337045	Shim, 1.0 mm			
-	A/R	A/R	A/R		345874	Shim, 0.35 mm			
-	A/R	A/R	A/R		345875	Shim, 0.1 mm			
5	6	6	6		310035	Fitting, Lubrication			
6	4	4	4		801605	Assembly, Bearing			
7	2	2	2		813316	Bearing			
8	A/R	A/R	A/R		345871	Shim, 1.0 mm			
-	A/R	A/R	A/R		345873	Shim, 0.1 mm			
9	1	1	1		345853	Cover			
10	12	12	12		500287	Capscrew, HH			
11	3	3	3		167032	V-Ring			
12	1	1	1		343597	Link, Steering			
13	3	3	3		910995	Screw, Stop			
14	1	1	1		—	Frame, Tractor			
15	1	1	1		—	Frame, Drum			



CA15, CA15D, CA15PD
Spare Parts Catalog



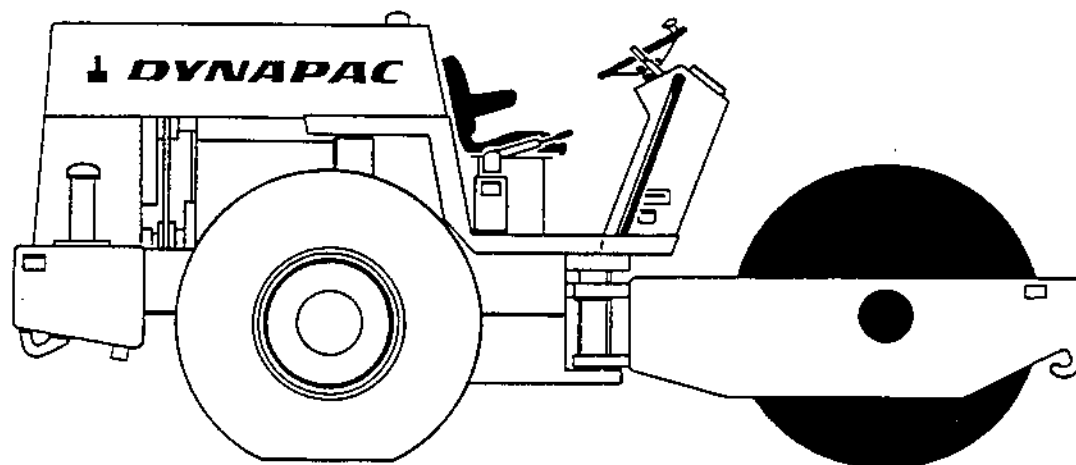
Page		Group		Illustration Number	Catalog Number	Illustration	
16		1		PA-15-PL189	PA-15-PL01	Scraper Bar Assembly (Padded Drum From S/N 2101 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA15						
	PD						
1	1				266986	Bar, Cleaner	
2	18				801631	Lock	
3	18				801630	Tooth	
4	9				266984	Nose Piece	
5	4				571007	Hex Nut	
6	4				604033	Lockwasher	
7	4				600013	Washer, Flat	
8	4				815681	Shim	
9	4				502148	Capscrew, HH	



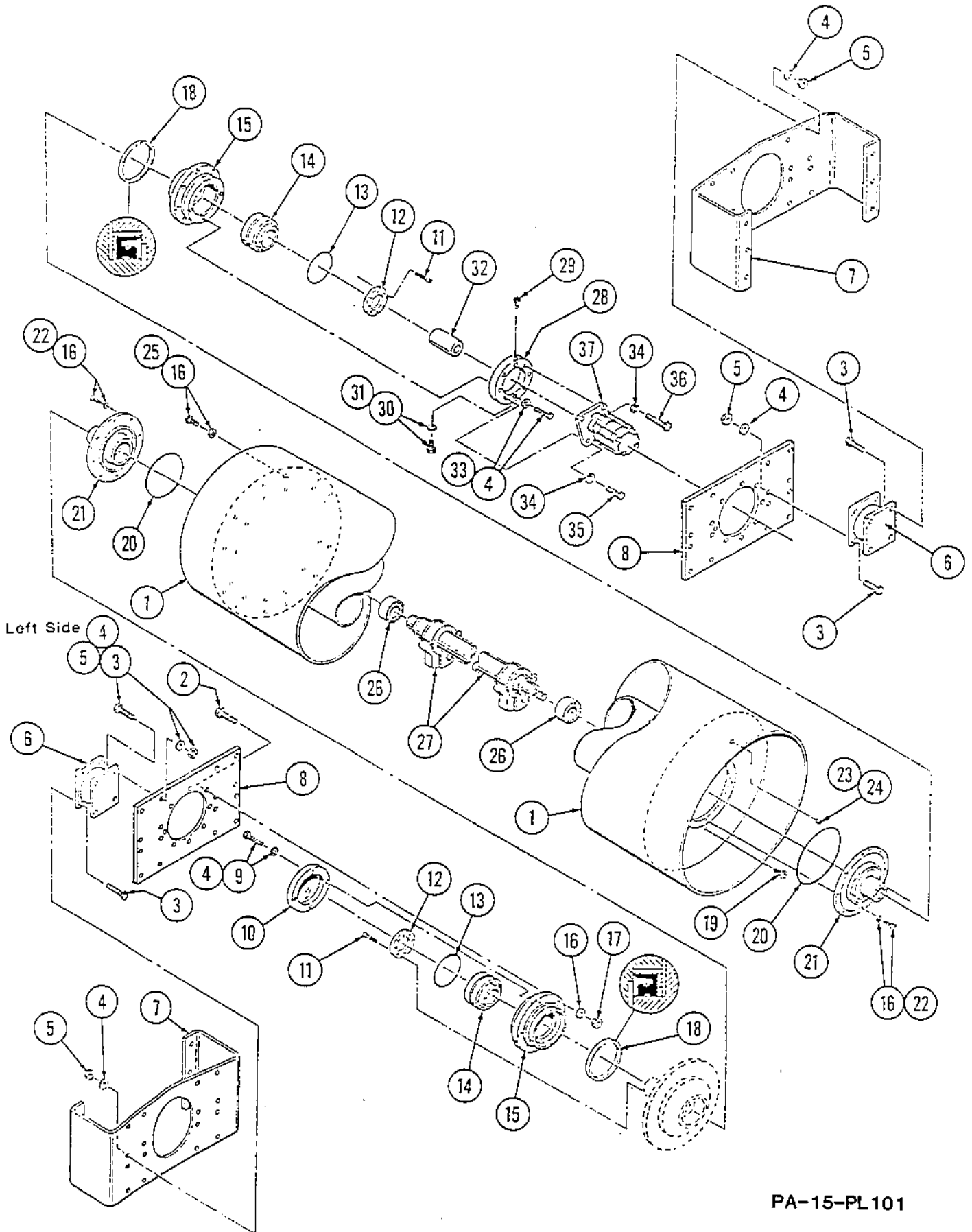


DRUM

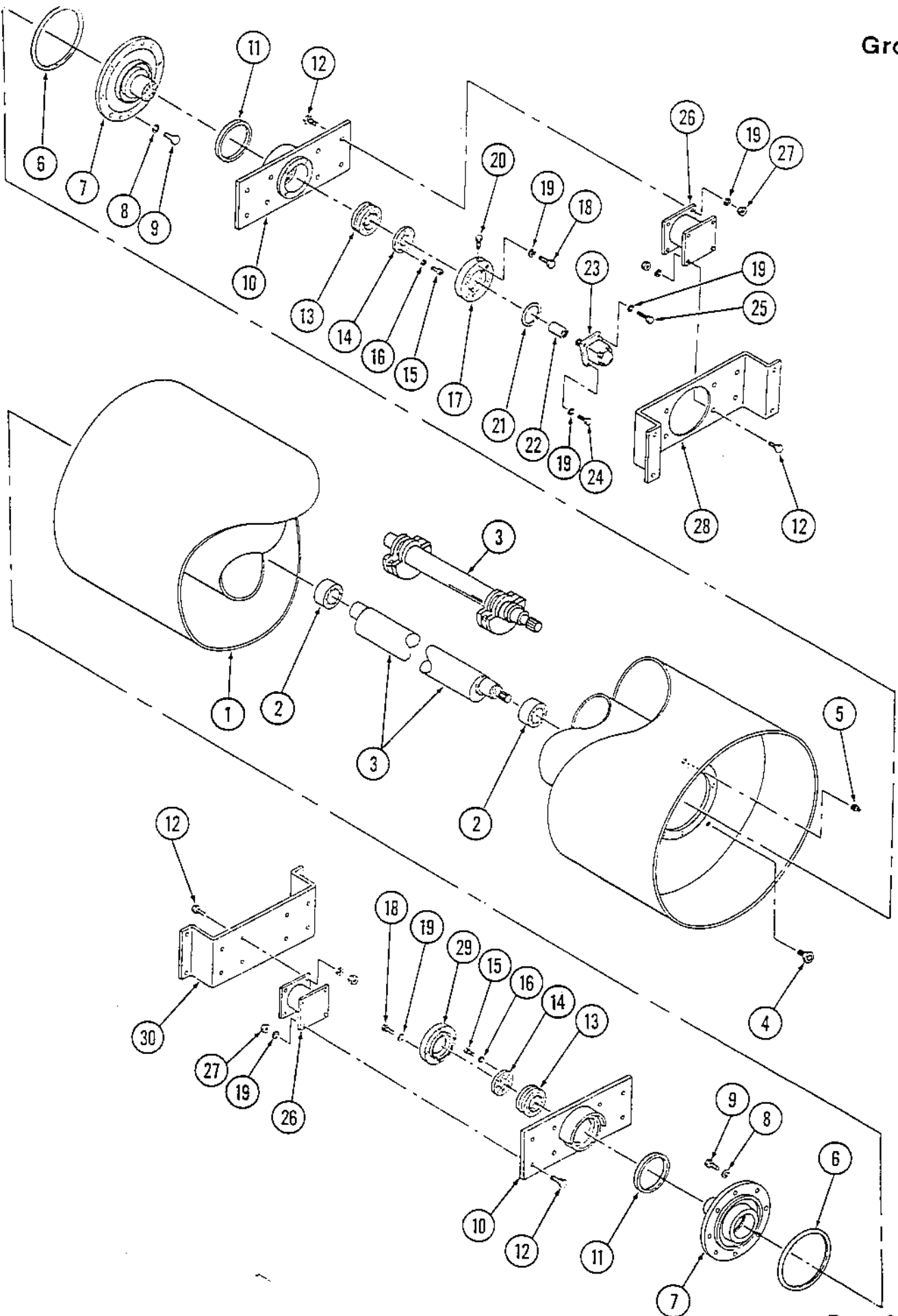
Drum, Standard, S/N 1851 & Up	2
Drum, Standard or Dual Amp., to S/N 1850	4
Drum, Drum Drive & Padded, S/N 1851 to 2100 on PD Drum	6-8
Drum, D, PD & Dual Amp., S/N 741 to 1850	10-12
Drum, D, PD w/Staffa Drive, to S/N 740	14
Torque Hub, S/N 741 & Up	16-18
Drum, Padded, S/N 2101 & Up	20-22



Page		Group			Illustration Number	Catalog Number	Illustration	
2		2			PA-15-PL101	PA-15-PL01	Drum Assembly (Standard)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15							
-	1				343915	Assembly, Standard Drum	From S/N 1851	
1	1				343905	Drum, Standard Shell		
2	64				500076	Capscrew, HH		
3	64				500037	Capscrew, HH		
4	72				600009	Washer, Flat		
5	64				586019	Locknut		
6	8				336742	Absorber, Shock		
7	2				343894	Mount, Shock		
8	2				343322	Plate, Mounting		
9	4				500195	Capscrew, HH		
10	1				343461	Cover		
11	16				508019	Capscrew, Soc. Hd.		
12	2				343462	Clamp, Bearing		
13	2				160105	O-Ring		
14	2				116041	Bearing		
15	2				343318	Housing, Bearing		
16	56				615046	Washer, Conical Spring		
17	16				570008	Hex Nut		
18	2				167023	Seal		
19	1				922552	Plug, Oil Sight Level		
20	2				160107	O-Ring		
21	2				343897	Housing, Bearing		
22	16				500102	Capscrew, HH		
23	1				232247	Plug, Magnetic		
24	1				162017	Washer, Sealing		
25	24				500119	Capscrew, HH		
26	2				114036	Bearing, Roller		
27	1				343895	Assembly, Eccentric Shaft		
28	1				343561	Flange, Motor		
29	1				232041	Breather		
30	1				162012	Washer, Sealing		
31	1				232070	Plug, HH		
32	1				343410	Coupling, Splined		
33	4				500133	Capscrew, HH		
34	4				604009	Lockwasher		
35	2				500051	Capscrew, HH		
36	2				500193	Capscrew, HH		
37	1				801054	Assy., Hyd. Vib. Motor	See Group 5	
38	1				813478	O-Ring		



Page		Group			Illustration Number	Catalog Number	Illustration	
4		2			PA-15-PL144	PA-15-PL01	Drum Assembly (Standard or Dual Amplitude)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15							
-	1				815010	Assembly, Standard Drum	To 1850	
-	1				815782	Assembly, Dual Amplitude Drum	To 1850	
1	1				815024	Shell, Standard Drum		
2	1				114065	Bearing		
3	1				815019	Shaft, Eccentric (Standard)		
-	1				340482	Shaft, Eccentric (Dual Amplitude)		
4	1				813482	Plug, Oil Level Sight		
5	1				813483	Plug, Magnetic Pipe		
6	2				160107	O-Ring		
7	2				815018	Housing, Bearing & Stub Shaft		
8	16				615029	Washer, Hi Strength		
9	16				166016	Capscrew, Sealing HH		
10	2				815013	Housing, Bearing		
11	2				167023	Seal		
12	40				502059	Capscrew, HH		
13	2				116013	Assembly, Bearing		
14	2				815016	Retainer, Bearing		
15	16				509003	Capscrew, Soc. Hd.		
16	16				221212	Lockwasher, Hi Collar		
17	1				815014	Adapter, Motor		
18	8				502060	Capscrew, HH		
19	52				604030	Lockwasher		
20	1				232064	Vent, Breather		
21	1				813478	O-Ring		
22	1				416043	Coupling, Splined		
23	1				801054	Assembly, Vibration Motor (See Group 5)		
24	2				502057	Capscrew, HH		
25	2				502058	Capscrew, HH		
26	4				801187	Shock		
27	32				571005	Hex Nut		
28	1				815012	Frame, RH Shock Mount		
29	1				815015	Cover		
30	1				815011	Frame, LH Shock Mount		

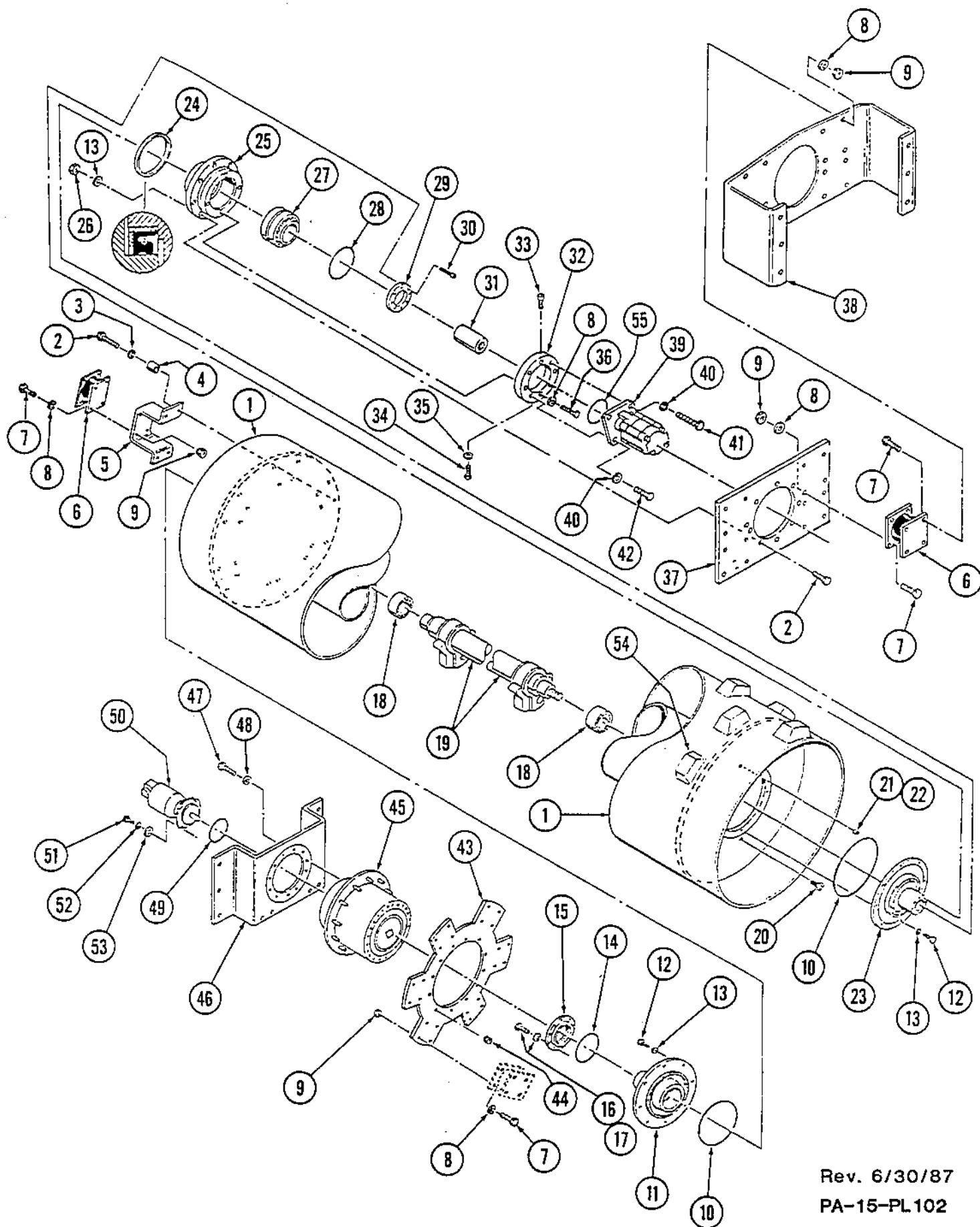


CA15, CA15D, CA15PD
Spare Parts Catalog



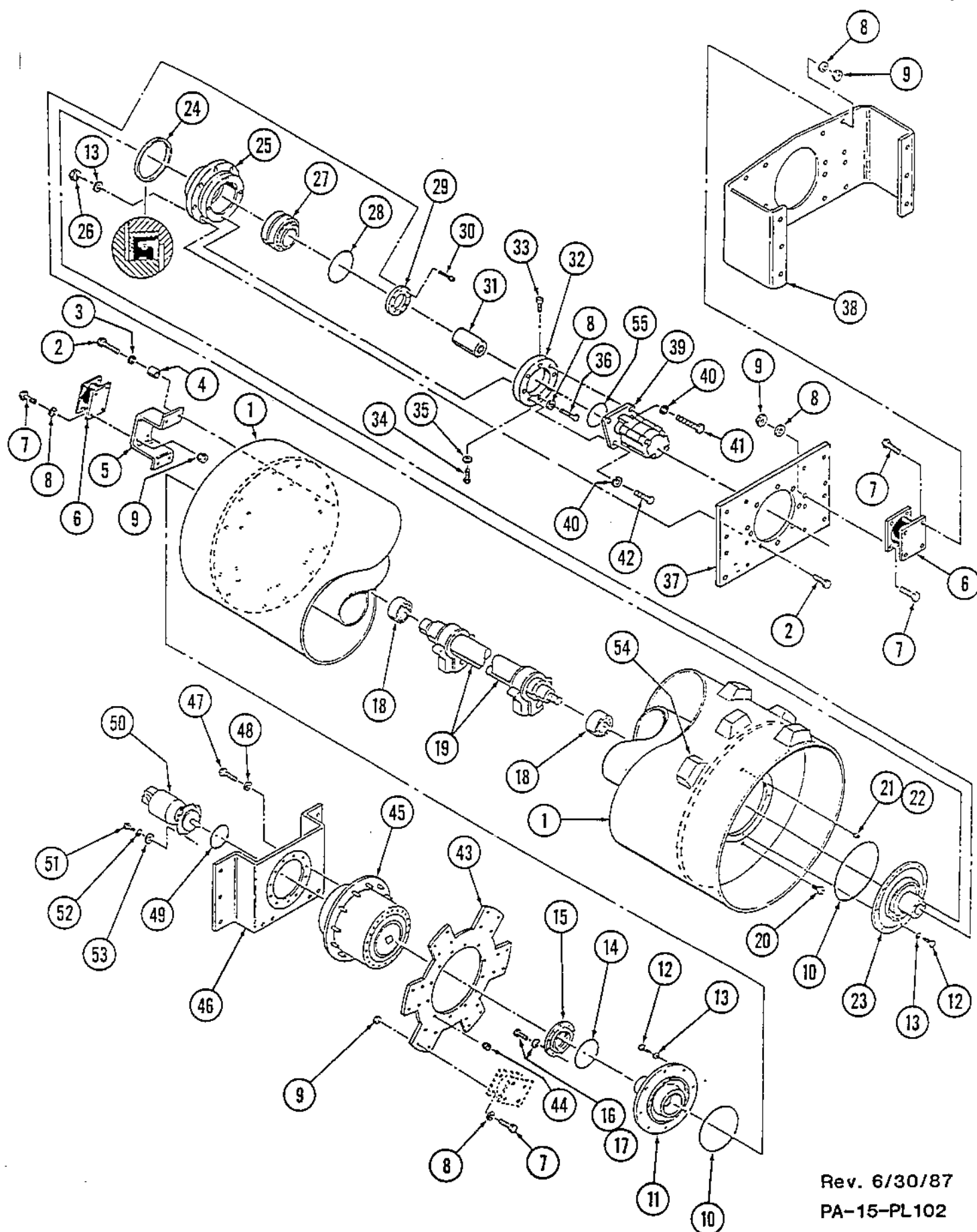
Page		Group		Illustration Number		Catalog Number		Illustration	
6		2		PA-15-PL102		PA-15-PL01		Drum Assembly (Drum Drive & Padded Drum)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15D	15PD							
-	1				343901	Assy., Drum Drive Drum	From S/N 1851		
-		1			343902	Assy., Padded Drum (See Note)	From S/N 1851 to 2100		
1	1				343905	Drum, Drive Shell			
-		1			343906	Drum, Padded Shell			
2	32	32			500076	Capscrew, HH			
3	24	24			600011	Washer, Flat			
4	24	24			343899	Sleeve			
5	6	6			343898	Bracket, Shock Mount			
6	10	10			336742	Absorber, Shock			
7	56	56			500037	Capscrew, HH			
8	64	64			600009	Washer, Flat			
9	56	56			586019	Locknut			
10	2	2			160107	O-Ring			
11	1	1			343892	Housing, Bearing			
12	16	16			500102	Capscrew, HH			
13	24	24			615046	Washer, Conical Spring			
14	1	1			160362	O-Ring			
15	1	1			343907	Cover, Bearing			
16	6	6			500028	Capscrew, HH			
17	6	6			615044	Washer, Conical Spring			
18	2	2			114036	Bearing			
19	1				343895	Assy., Eccentric Shaft			
-		1			343896	Assy., Eccentric Shaft			
20	1	1			922552	Plug, Oil Sight Level			
21	1	1			232247	Plug, Magnetic			
22	1	1			162017	Washer, Sealing			
23	1	1			343897	Housing, Bearing			
24	1	1			167023	Seal			
25	1	1			343318	Housing, Bearing			
26	8	8			570008	Hex Nut			
27	1	1			116041	Bearing			
28	1	1			160105	O-Ring			
*Note: For PD Drum From S/N 2101 & Up, See Page 20-22, Group 2.									

Group 2

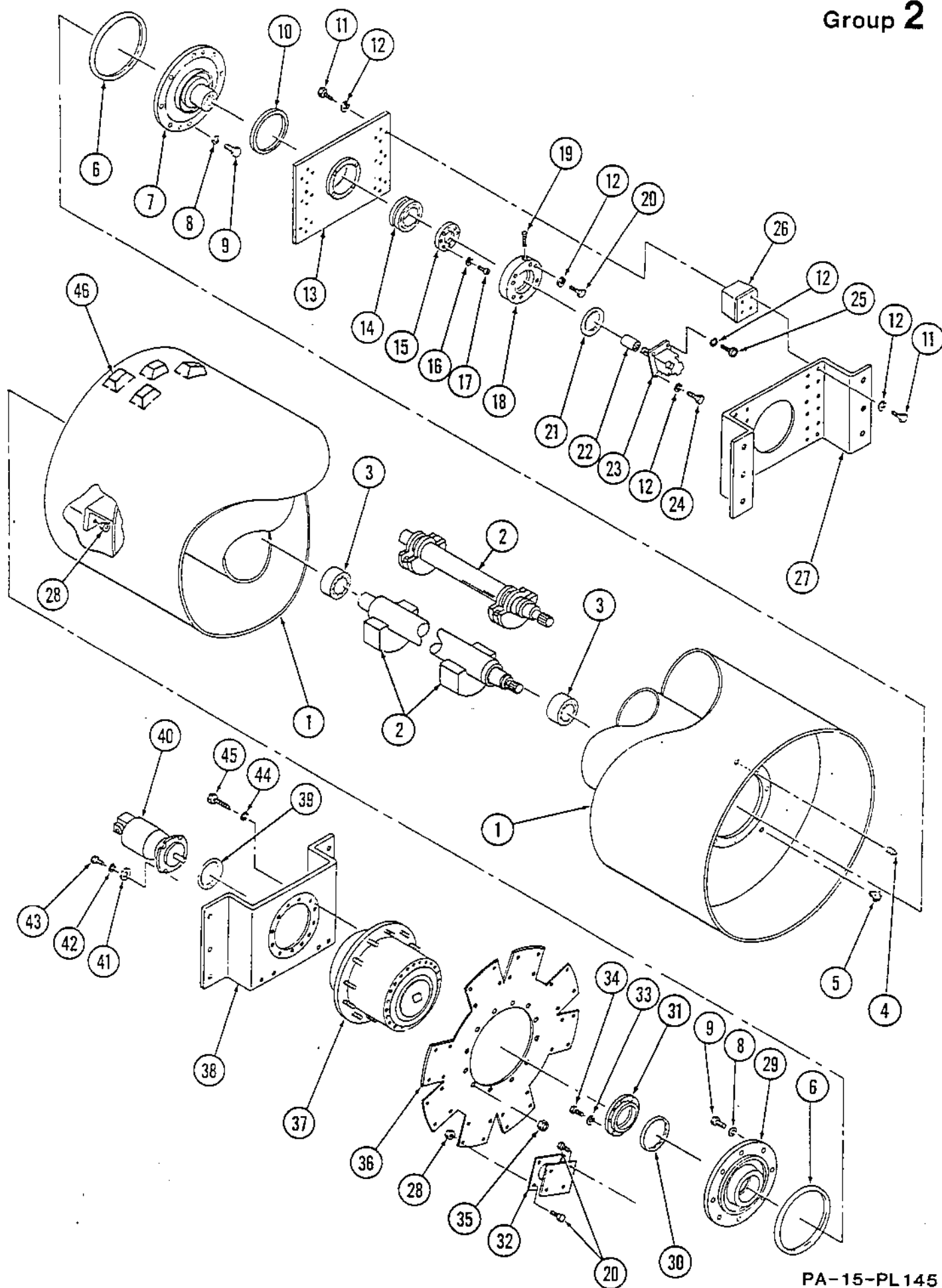


Rev. 6/30/87
PA-15-PL102

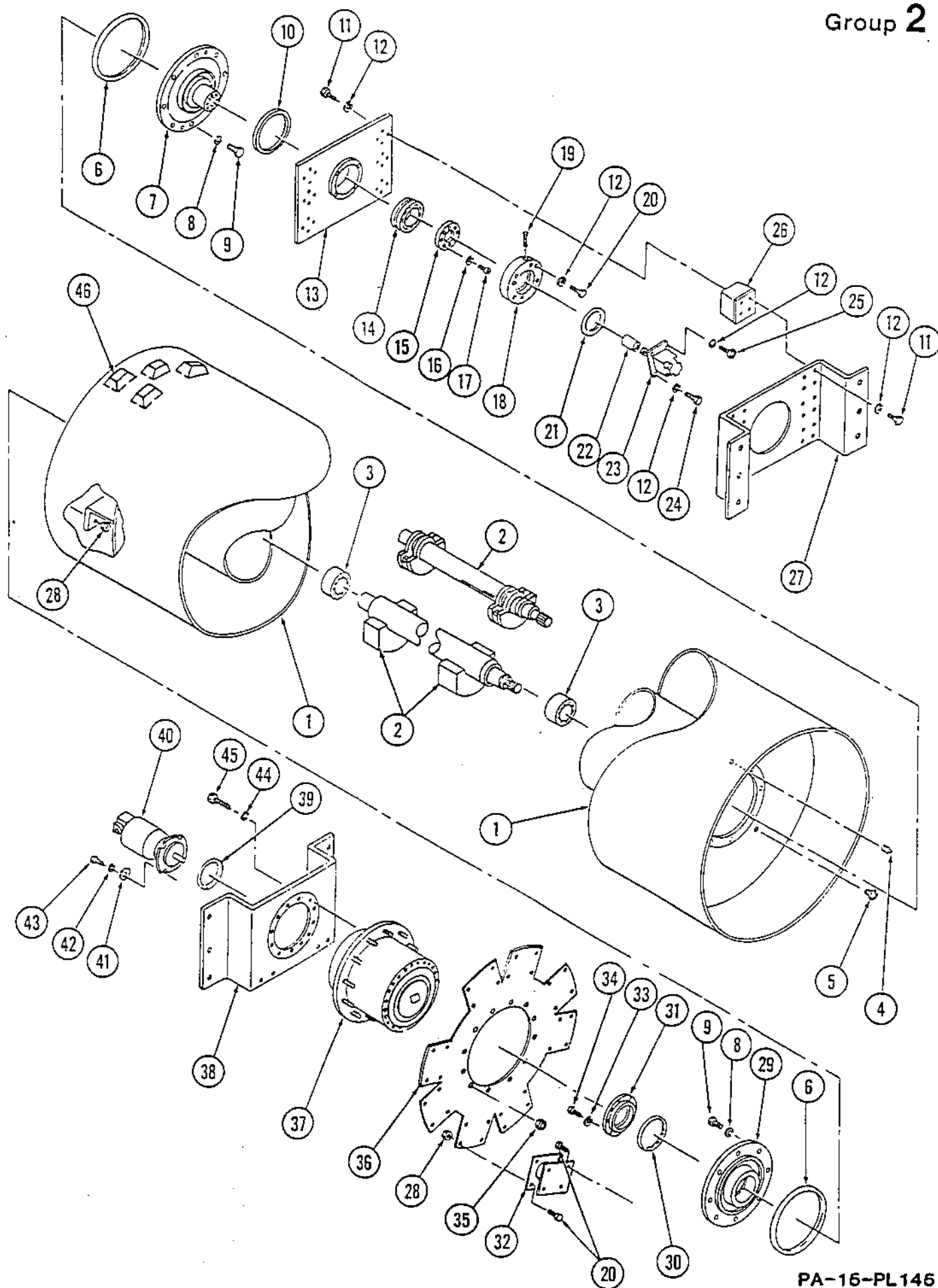
Page		Group		Illustration Number		Catalog Number		Illustration	
8		2		PA-15-PL102		PA-15-PL01		Drum Assembly (Drum Drive & Padded Drum)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15D	15PD							
29	1	1			343462	Clamp, Bearing	See Group 5		
30	8	8			508019	Capscrew, Soc. Hd.			
31	1	1			343410	Coupling, Splined			
32	1	1			343561	Flange, Motor			
33	1	1			232041	Breather			
34	1	1			232070	Plug			
35	1	1			162012	Washer, Sealing			
36	4	4			500133	Capscrew, HH			
37	1	1			343322	Plate, Mounting			
38	1	1			343894	Frame, Shock Mount			
39	1	1			801054	Assy., Hyd. Vib. Motor	See Group 2		
40	4	4			604009	Lockwasher			
41	2	2			500193	Capscrew, HH			
42	2	2			500051	Capscrew, HH			
43	1	1			343909	Plate, Drive			
44	12	12			813694	Hex Nut	See Group 5		
45	1	1			801150	Assy., Torque Hub			
46	1	1			842285	Bracket, Mounting			
47	12	12			503056	Capscrew, HH			
48	12	12			615047	Washer, Conical Spring			
49	1	1			801413	O-Ring	See Group 5		
50	1	1			801144	Assy., Hyd. Traction Motor			
51	4	4			502059	Capscrew, HH			
52	4	4			604030	Lockwasher			
53	4	4			335545	Washer, Special			
54		132			815266	Pads			
55	1	1			801413	O-Ring			



Page		Group		Illustration Number	Catalog Number	Illustration	
10		2		PA-15-PL145	PA-15-PL01	Drum Assembly (D, PD and Dual Amplitude)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15 D	15 PD					
-	1	-			815446	Assembly, Drum Drive	741 To 1850
-	1	-			815779	Assembly, Dual Amplitude Drum	741 To 1850
-	-	1			815498	Assembly, Padded Drum	741 To 1850
1	1	-			815496	Shell, Drum Drive Drum	
-	-	1			815446	Shell, Padded Drum	
2	1	-			815224	Shaft, Drum Drive Eccentric	
-	1	-			815805	Shaft, Dual Amplitude Eccentric	
-	-	1			815130	Shaft, Padded Drum Eccentric	
3	2	2			114065	Bearing	
4	1	1			813483	Plug, Magnetic Pipe	
5	1	1			813482	Plug, Oil Level Sight	
6	2	2			160107	O-Ring	
7	1	1			815018	Housing, Bearing	
8	16	16			615029	Washer, Hi Strength	
9	16	16			166016	Capscrew, Sealing HH	
10	1	1			167023	Seal	
11	32	48			503034	Capscrew, HH	
12	40	56			604030	Lockwasher	
13	1	1			842033	Housing, Bearing	
14	1	1			116013	Assembly, Bearing	
15	1	1			815016	Retainer, Bearing	
16	6	6			221212	Lockwasher, Hi Collar	
17	6	6			509003	Capscrew, Soc. Hd.	
18	1	1			815014	Adapter, Motor	
19	1	1			232064	Vent, Breather	
20	68	68			502060	Capscrew, HH	



Page		Group		Illustration Number		Catalog Number		Illustration	
12		2		PA-15-PL145		PA-15-PL01		Drum Assembly (D, PD and Dual Amplitude)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
21	1	1			813478	O-Ring			
22	1	1			416043	Coupling, Splined			
23	1	1			801054	Assembly, Vibration Motor (See Group 5)			
24	2	2			502057	Capscrew, HH			
25	2	2			502058	Capscrew, HH			
26	4	4			450073	Shock, RH			
27	1	1			842287	Frame, Shock Mount			
28	64	64			586044	Locknut			
29	1	1			842249	Housing, Bearing			
30	1	1			160105	O-Ring			
31	1	1			842034	Cover, Bearing Clamp			
32	8	8			801187	Shock, LH			
33	6	6			813484	Lockwasher, Hi Collar			
34	6	6			502035	Capscrew, HH			
35	12	12			813694	Hex Nut			
36	1	1			842221	Plate, Drive			
37	1	1			801150	Assembly, Torque Hub (See Group 2)			
38	1	1			842284	Bracket, Mounting			
39	1	1			801413	O-Ring			
40	1	1			801144	Assembly, Traction Motor (See Group 5)			
41	4	4			335545	Washer, Special			
42	4	4			604030	Lockwasher			
43	4	4			502059	Capscrew, HH			
44	12	12			604033	Lockwasher			
45	12	12			503094	Capscrew, HH			
46	-	132			815266	Pad, L.P. Drum			



Page		Group		Illustration Number		Catalog Number		Illustration	
14		2		PA-15-PL146		PA-15-PL01		Drum Assembly (D & PD with Staffa Drive to S/N 740)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
1	1	-			815216	Shell, Drum Drive Drum	To S/N 740		
-	-	1			815132	Shell, Padded Drum	To S/N 740		
2	1	-			815224	Shaft, Eccentric			
-	-	1			815130	Shaft, Eccentric			
3	2	2			114065	Bearing			
4	1	1			813483	Plug, Magnetic Pipe			
5	A/R	A/R			801175	Sealant, Liquid Plastic			
6	1	1			815018	Housing, Bearing			
7	16	16			166016	Capscrew, Sealing HH			
8	16	16			615029	Washer, Hi Strength			
9	4	4			450073	Shock, RH			
10	1	1			815016	Retainer, Bearing			
11	1	1			842032	Frame, Shock Mount			
12	1	1			815014	Adaptor, Motor			
13	1	1			116013	Assembly, Bearing			
14	1	1			842033	Housing, Bearing			
15	1	1			167023	Seal			
16	1	1			813482	Plug, Oil Level Sight			
17	2	2			160107	O-Ring			
18	1	1			416043	Coupling, Splined			
19	1	1			160105	O-Ring			
20	1	1			842034	Cover, Bearing Clamp			
21	6	6			502035	Capscrew, HH			
22	6	6			604028	Lockwasher			
23	1	1			842035	Housing, Bearing			
24	8	8			502077	Capscrew, HH			
25	8	8			604032	Lockwasher			
26	34	34			502058	Capscrew, HH			
27	104	104			604030	Lockwasher			
28	1	1			842114	Plate, Drive			
29	32	32			515003	Capscrew, HH			
30	32	32			572004	Hex Nut			
31	8	8			801187	Shock, LH			
32	1	1			801054	Assy., Vib. Motor (See Group 5)			
33	6	6			514013	Capscrew, Soc. Hd.			
34	6	6			221212	Lockwasher, Hi Collar			
35	1	1			813478	O-Ring			
36	4	4			502060	Capscrew, HH			
37	1	1			232064	Vent, Breather			
38	2	2			502057	Capscrew, HH			
-	1	1			842005	Assy., Motor & Bracket			
39	1	1			801101	Assy., Traction Motor (See Group 5)			
40	1	1			842040	Bracket, Motor Mount			
41	2	2			842207	Stud, Motor			
42	5	5			813475	Lock Nut			
43	2	2			571007	Hex Nut			
44	3	3			502210	Capscrew, HH			
45	1	1			891848	Key			
46	1	1			480616	Hex Nut			

TO: ALL DYNAPAC "B" DEALERS

ATT: PARTS MANAGER / SERVICE MANAGER

FROM: MIKE CADDEN, PARTS MANAGER

DATE: NOVEMBER 16, 1976. REVISION OF BULLETIN # 12
DATED APRIL 1, 1976.

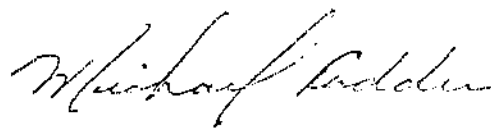
SUBJECT: DRUM DRIVE MOTOR
MODELS CA15, CA25, CC42

THERE HAS BEEN A DESIGN CHANGE ON THE STAFFA DRUM DRIVE MOTORS ON THE ABOVE MODELS. THE ORIGINAL MOTOR WAS LISTED AS PART # 801063. THE NEW MOTOR IS PART #801101. THE TWO ARE NOT INTERCHANGEABLE DUE TO THE HOSE CONNECTIONS AT THE MOTOR. SHOULD A MOTOR CHANGE BE REQUIRED, WE SUGGEST THE FOLLOWING:

1. WE HAVE A SUPPLY OF REBUILT # 801063 MOTORS IN STOCK AND RECOMMEND AS A FIRST CHOICE FOR A REPLACEMENT. THIS DOES NOT ENTAIL THE PURCHASE OF ADDITIONAL PARTS.
2. IF A COMPLETE CHANGEOVER IS DESIRED, THE CHART BELOW OUTLINES THE PARTS REQUIRED. THE SERIAL NUMBER CUT-OFF OF THE ORIGINAL # 801063 MOTOR IS 15CA441, 25CA1158 AND 42CC309.

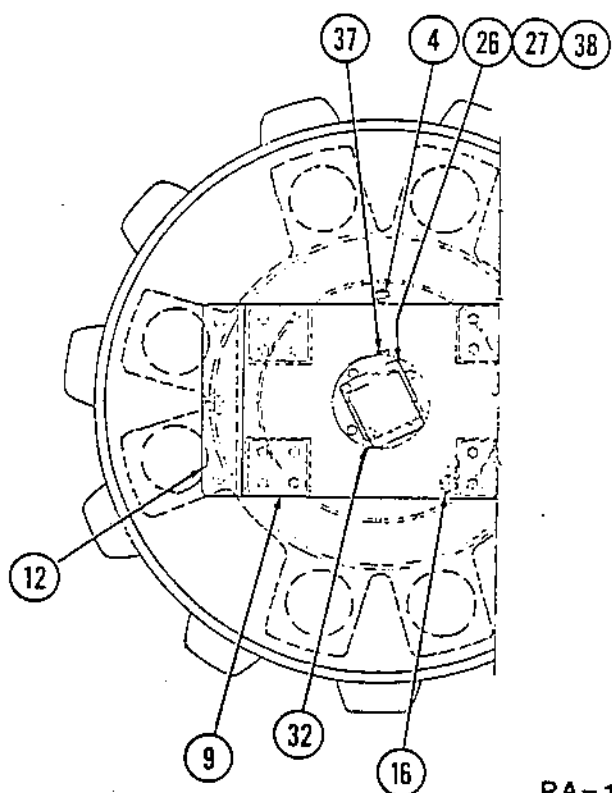
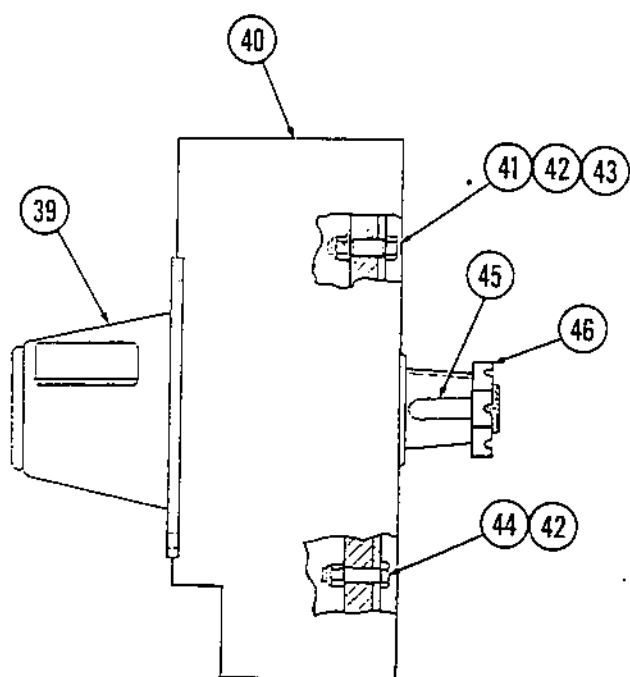
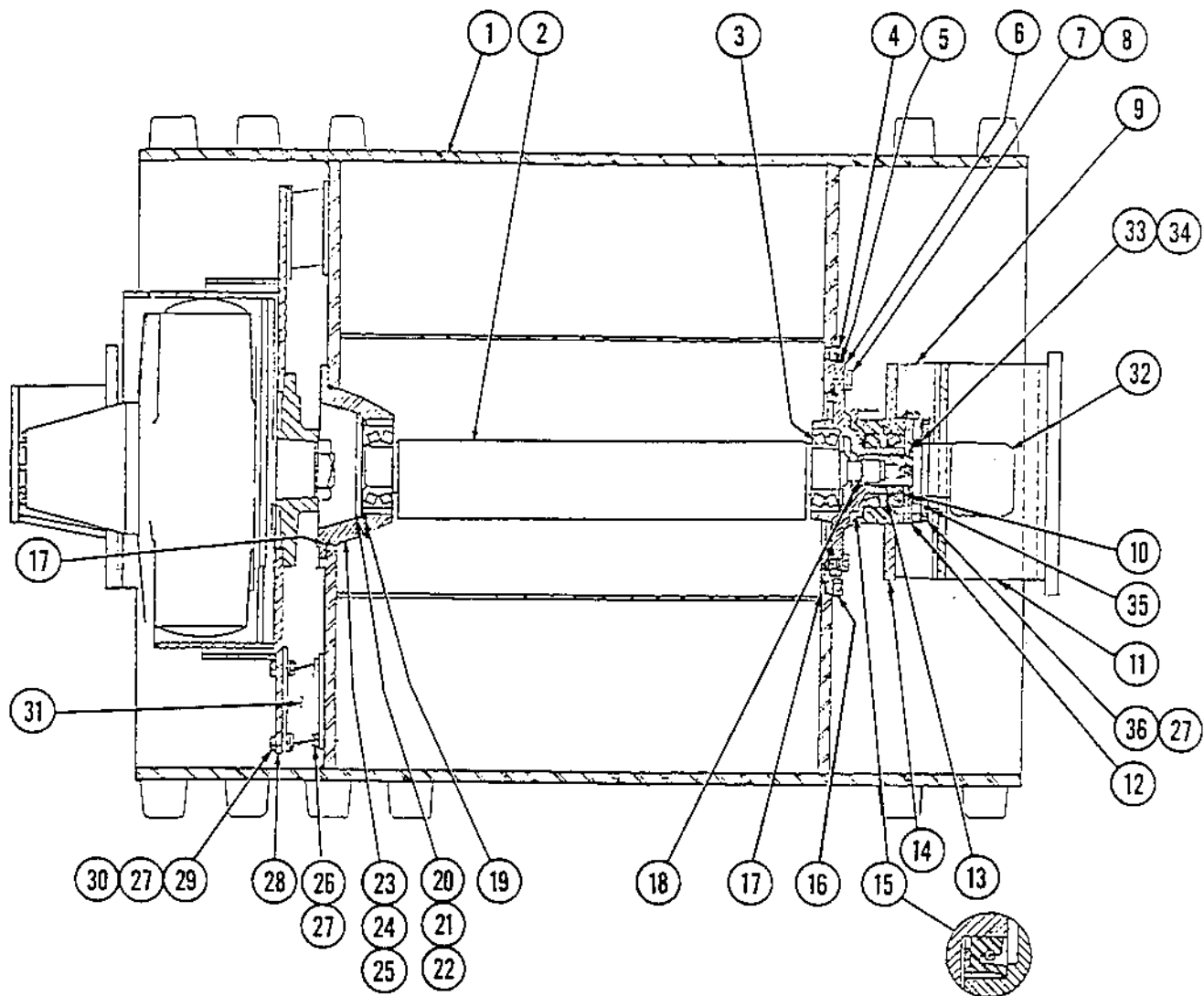
PART #	DESCRIPTION	MODEL CA15 QUANTITY	MODEL CA25 QUANTITY	MODEL CC42 QUANTITY
801101	MOTOR	1	1	1
1040-20-12	ADAPTER <i>354441</i>	2	2	2
815089-36	HOSE <i>81508936</i>	1	--	--
815089-37	HOSE <i>81508937</i>	1	--	--
CA1403-7	HOSE <i>353562602</i>	--	2	--
842127-39	HOSE (F.D) <i>84212739</i>	--	--	1
842127-40	HOSE (F.D) <i>84212740</i>	--	--	1
842127-38	HOSE (R.D) <i>84212738</i>	--	--	2

YOURS TRULY



MIKE CADDEN
PARTS MANAGER,
MC/MB
ENCL.

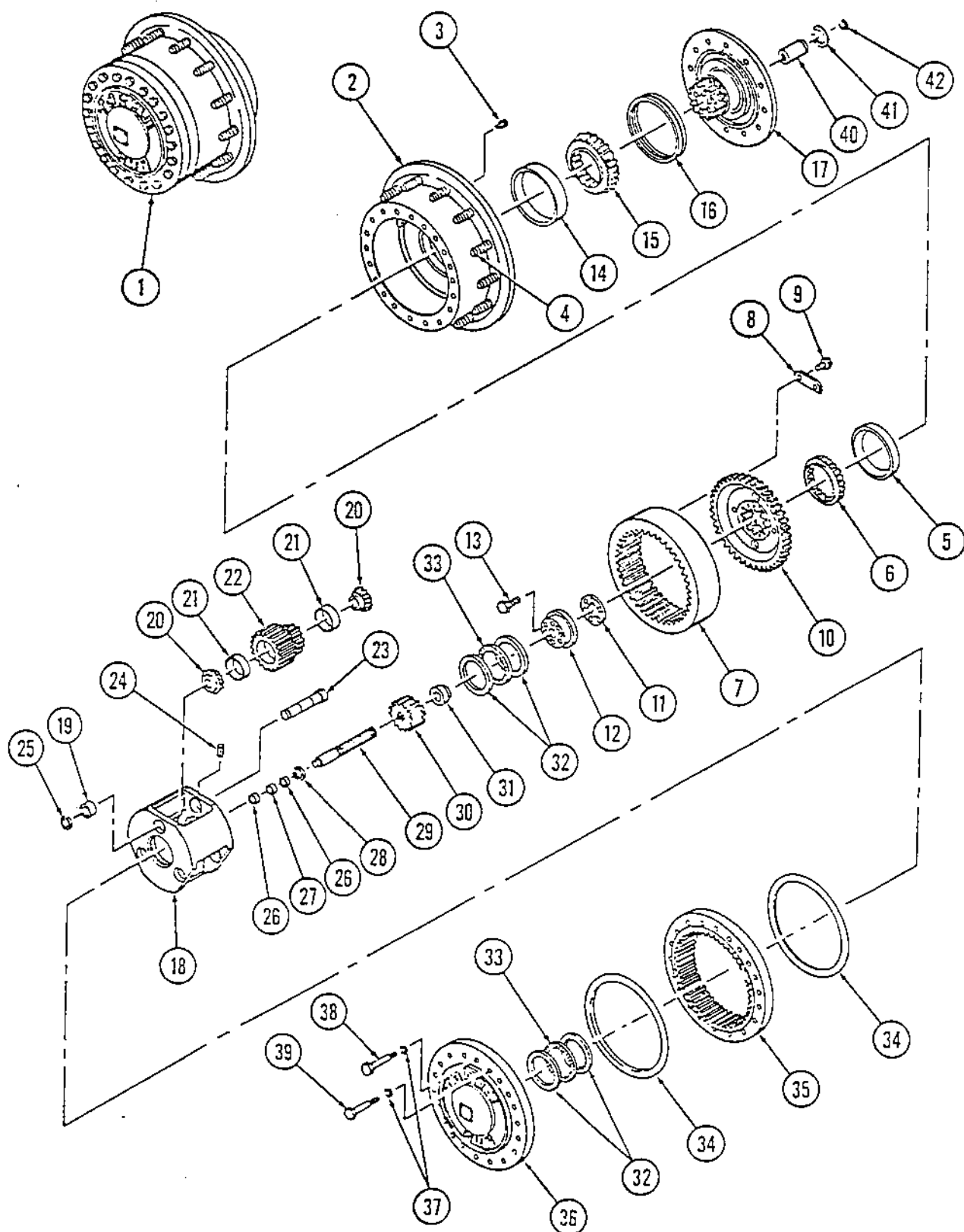
DYNAPAC



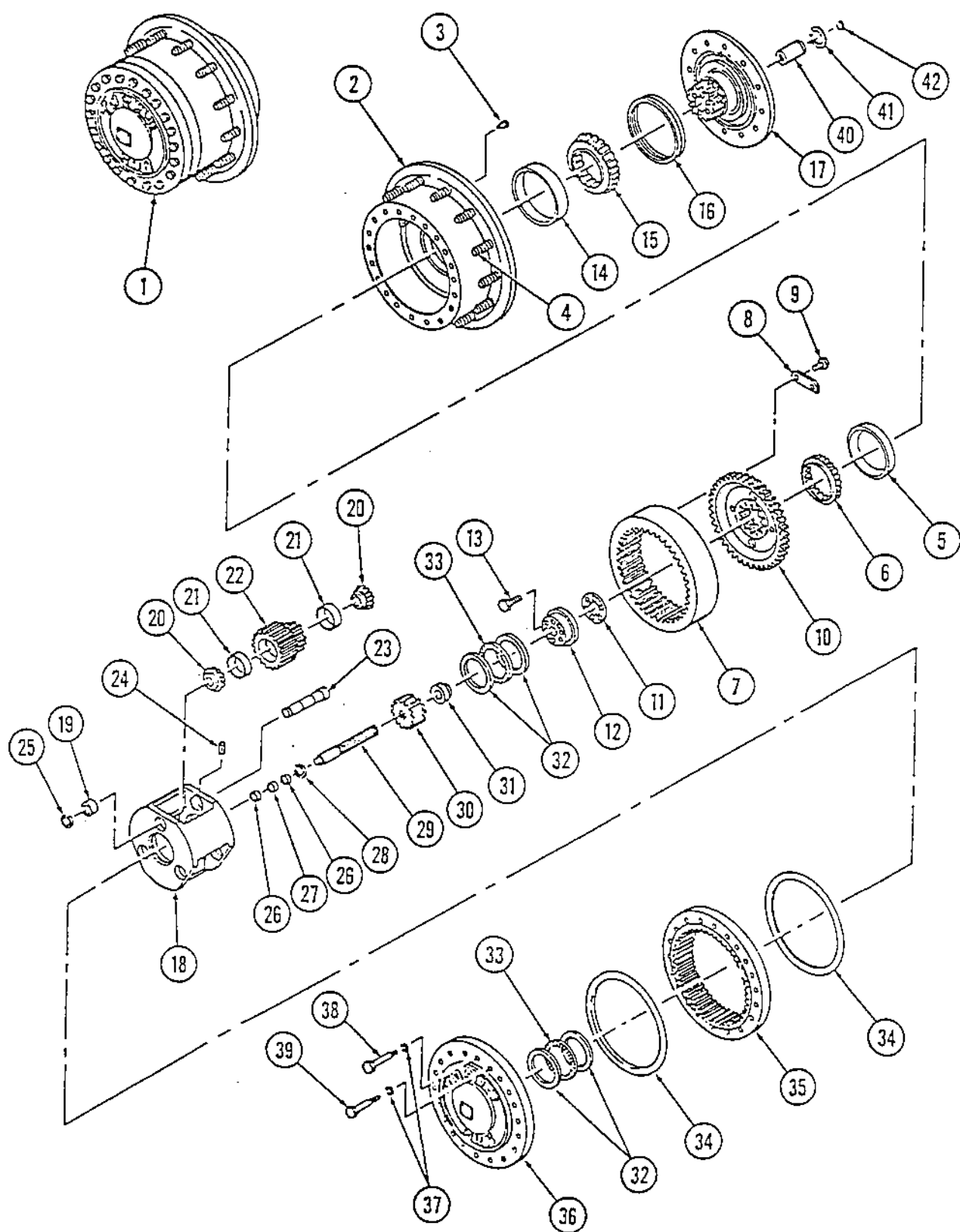
Page		Group		Illustration Number		Catalog Number		Illustration	
16		2		PA-15-PL108		PA-15-PL01		Torque Hub Assembly	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15D	15PD							
1	1	1			801150	Hub Assembly, Drive	S/N 741 & Up		
-	1	1			423470	**Hub Sub-Assy., Spindle (for R7C2)			
-	1	1			893446	Hub Sub-Assy., Spindle			
2	1	1			423473	**Hub, (for R7C2)			
-	1	1			423327	Hub (See Note**)			
3	2	2			423352	Plug, Magnetic Pipe			
4	12	12			423149	Stud			
5	1	1			423331	Bearing, Cup			
6	1	1			423332	Bearing, Cone			
7	1	1			423321	Gear, Internal			
8	4	4			423312	Plate, Retainer			
9	8	8			423338	Bolt			
10	1	1			423322	Gear, Internal Hub			
11	1	1			423335	Shim Set			
12	1	1			423324	Plate, Bearing			
13	6	6			423339	Bolt			
14	1	1			423334	Bearing, Cup			
15	1	1			423330	Bearing, Cone			
16	1	1			423471	**Seal, Face (for R7C2)			
-	1	1			423333	Seal, Face			
17	1	1			423472	**Spindle (for R7C2)			
-	1	1			423323	Spindle (See Note**)			
-	1	1			423315	Carrier, Sub-Assembly			
18	1	1			423319	Carrier			
-	1	1			928151	Kit, Carrier Repair			
19	A/R	A/R			893451	*Spacer (.721/.720)			
-	A/R	A/R			893452	*Spacer (.726/.725)			
-	A/R	A/R			423336	*Spacer (.809/.808)			

*Select Spacer for correct fit, use one Spacer per Cluster Gear.

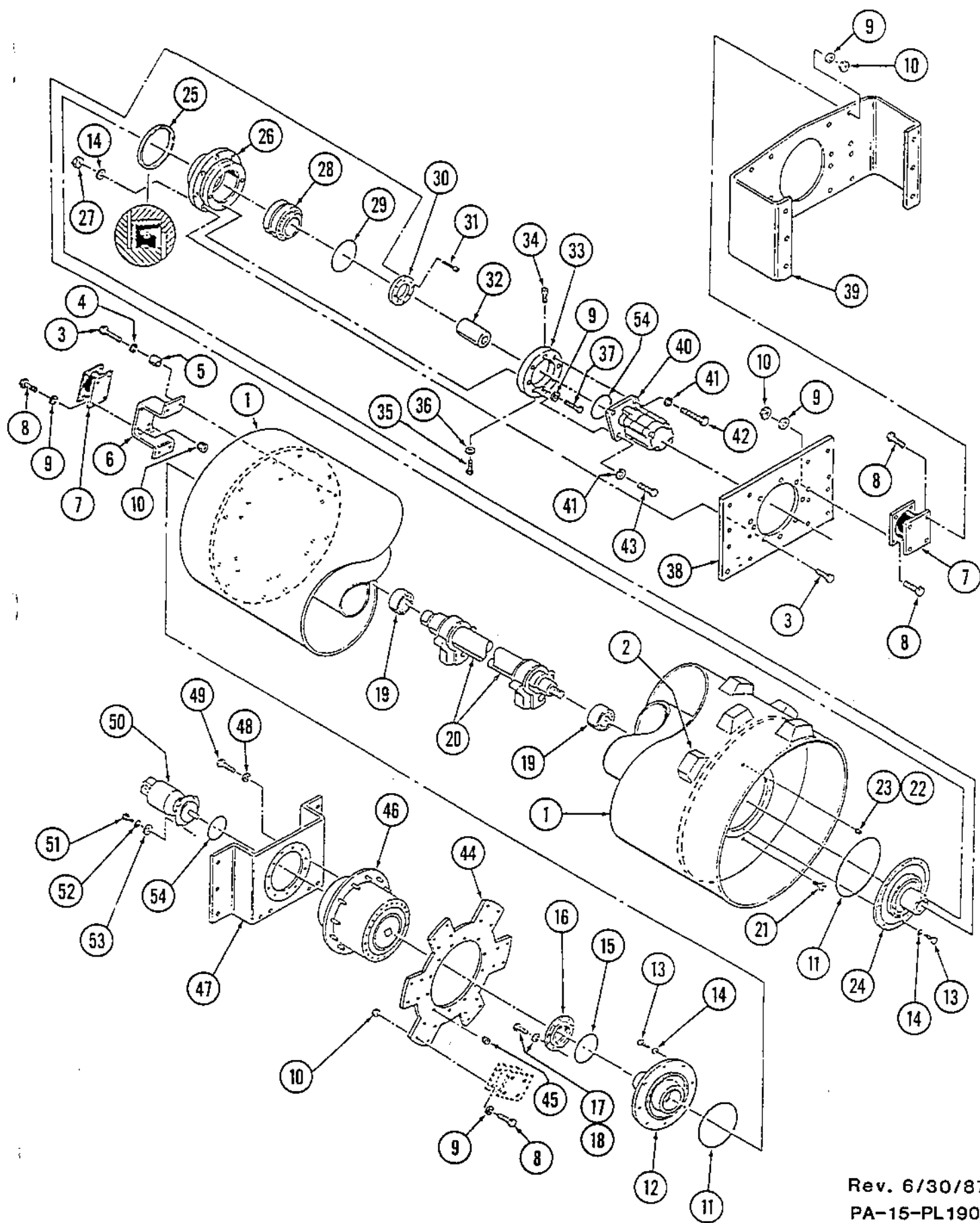
**Note: Check Model No. Tag on front of Hub. If first 4 digits of Model No. are R7C2 use parts marked with **'s. If you need P/N 423327 Hub or 423323 Spindle, an 801150 Rebuilt Hub Assy. should be ordered due to Mfg.'s modifications. P/N 893446 is no longer available, and is replaced by 423470 Hub Sub-Assy. which will update your Hub. Assy. to a R7C2 Tag Level.



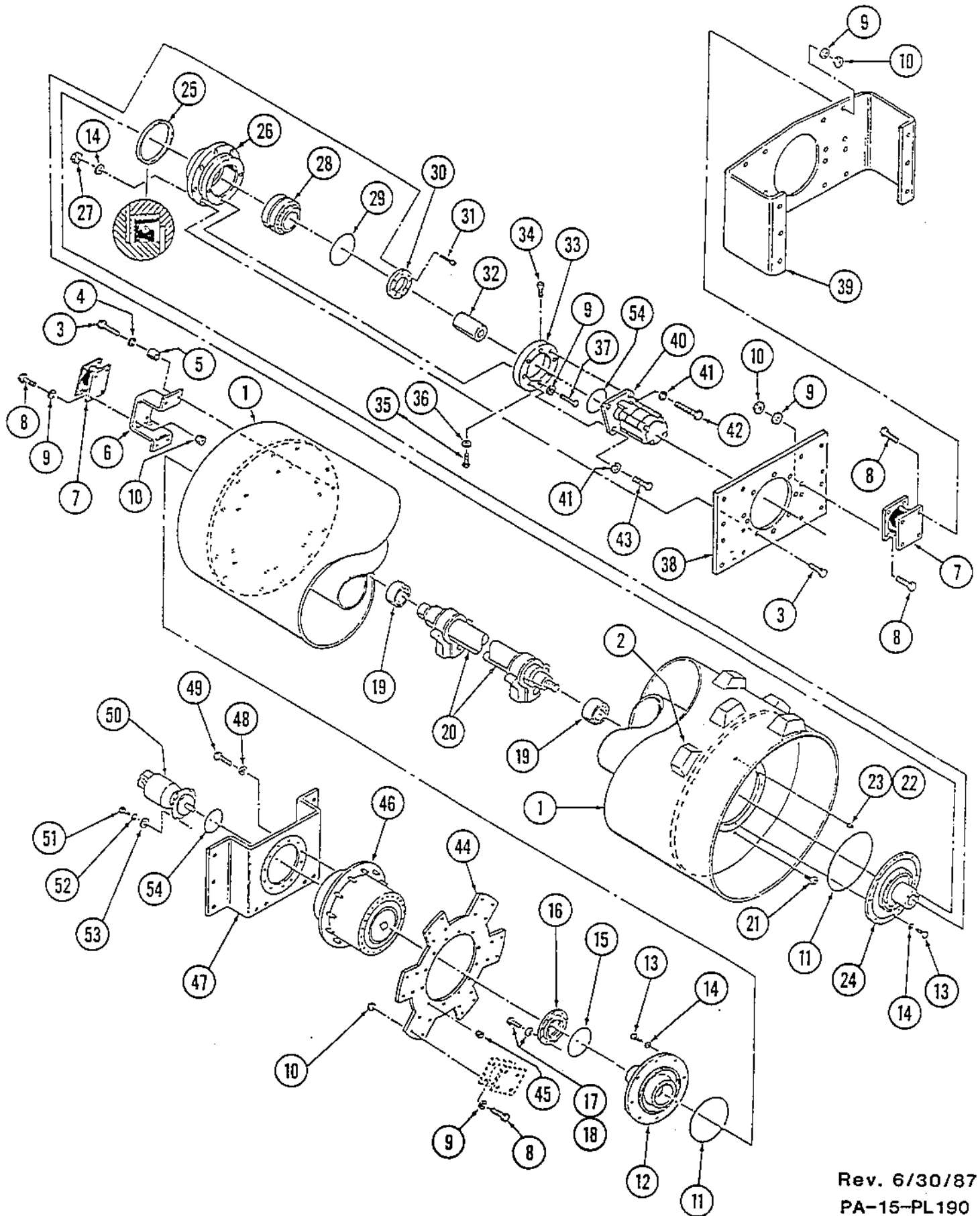
Page		Group		Illustration Number		Catalog Number		Illustration	
18		2		PA-15-PL108		PA-15-PL01		Torque Hub Assembly	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15D	15PD							
20	6	6			423329	Bearing, Cone			
21	6	6			423328	Bearing, Cup			
22	1	1			423320	Gear Assy. (incl. items 19-25, matched set of 3)			
23	3	3			423316	Shaft, Planet			
24	3	3			423346	Pin, Roll			
25	3	3			423345	Ring, Retaining			
26	2	2			423311	Washer, Thrust			
27	1	1			423310	Bearing, Thrust			
28	1	1			423343	Ring, Retaining			
29	1	1			423309	Shaft, Input			
30	1	1			423314	Gear, Input			
31	1	1			423337	Spacer, Thrust			
32	4	4			423318	Washer, Thrust			
33	2	2			423317	Bearing, Thrust			
34	2	2			423340	O-Ring			
35	1	1			423325	Gear, Ring			
36	1	1			892896	Cover			
37	20	20			423351	Lockwasher			
38	4	4			423348	Bolt, Shoulder			
39	16	16			423347	Bolt			
40	1	1			892475	Coupling			
41	1	1			423344	Ring, Retaining			
42	1	1			423342	Ring, Retaining			



Page		Group			Illustration Number	Catalog Number	Illustration	
20		2			PA-15-PL190	PA-15-PL01	Drum Assembly (Padded Drum From S/N 2101 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA15							
	PD							
-	1				266804	Assy., Padded Drum	S/N 2101 & Up	
1	1				266800	Shell, Padded Drum		
2	140				266759	Pad		
3	32				500076	Capscrew, HH		
4	24				600011	Washer, Flat		
5	24				343899	Sleeve		
6	6				343955	Bracket, Shock Mount		
7	10				336742	Absorber, Shock		
8	56				500194	Capscrew, HH		
9	64				600009	Washer, Flat		
10	56				586019	Locknut		
11	2				160107	O-Ring		
12	1				343892	Housing, Bearing		
13	16				500102	Capscrew, HH		
14	24				615046	Washer, Conical Spring		
15	1				160362	O-Ring		
16	1				343907	Cover, Bearing		
17	6				500028	Capscrew, HH		
18	6				615044	Washer, Conical Spring		
19	2				114036	Bearing		
20	1				343896	Assy., Eccentric Shaft		
21	1				922552	Plug, Oil Sight Level		
22	1				232247	Plug, Magnetic		
23	1				162017	Washer, Sealing		
24	1				343897	Housing, Bearing		
25	1				167023	Seal		
26	1				343318	Housing, Bearing		
27	8				570008	Hex Nut		
28	1				116041	Bearing		
29	1				160105	O-Ring		

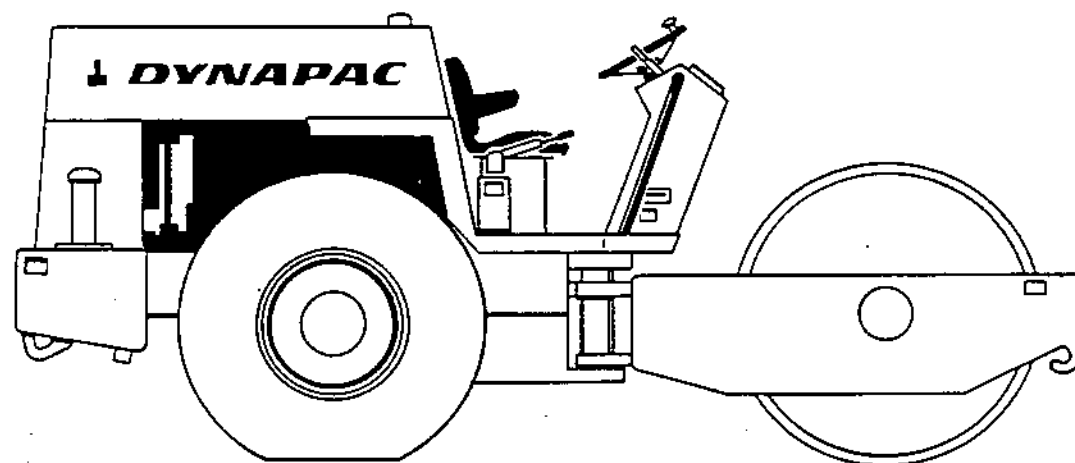


Page		Group			Illustration Number	Catalog Number	Illustration		
22		2			PA-15-PL190	PA-15-PL01	Drum Assembly (Padded Drum From S/N 2101 & Up)		
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA15								
	PD								
30	1				343462	Clamp, Bearing			
31	8				508019	Capscrew, Soc. Hd.			
32	1				343410	Coupling, Splined			
33	1				343561	Flange, Motor			
34	1				232064	Breather			
35	1				232070	Plug			
36	1				162012	Washer, Sealing			
37	4				500133	Capscrew, HH			
38	1				343322	Plate, Mounting			
39	1				343894	Frame, Shock Mount			
40	1				801054	Assy., Hyd. Vib. Motor			
41	4				604009	Lockwasher			
42	2				500193	Capscrew, HH			
43	2				500051	Capscrew, HH			
44	1				343909	Plate, Drive			
45	12				813694	Hex Nut			
46	1				801150	Assy., Torque Hub			
47	1				842285	Bracket, Mounting			
48	12				615047	Washer, Conical Spring			
49	12				503056	Capscrew, HH			
50	1				801144	Assy., Hyd. Traction Motor			
51	4				502059	Capscrew, HH			
52	4				604030	Lockwasher			
53	4				335545	Washer, Special			
54	2				801413	O-Ring			

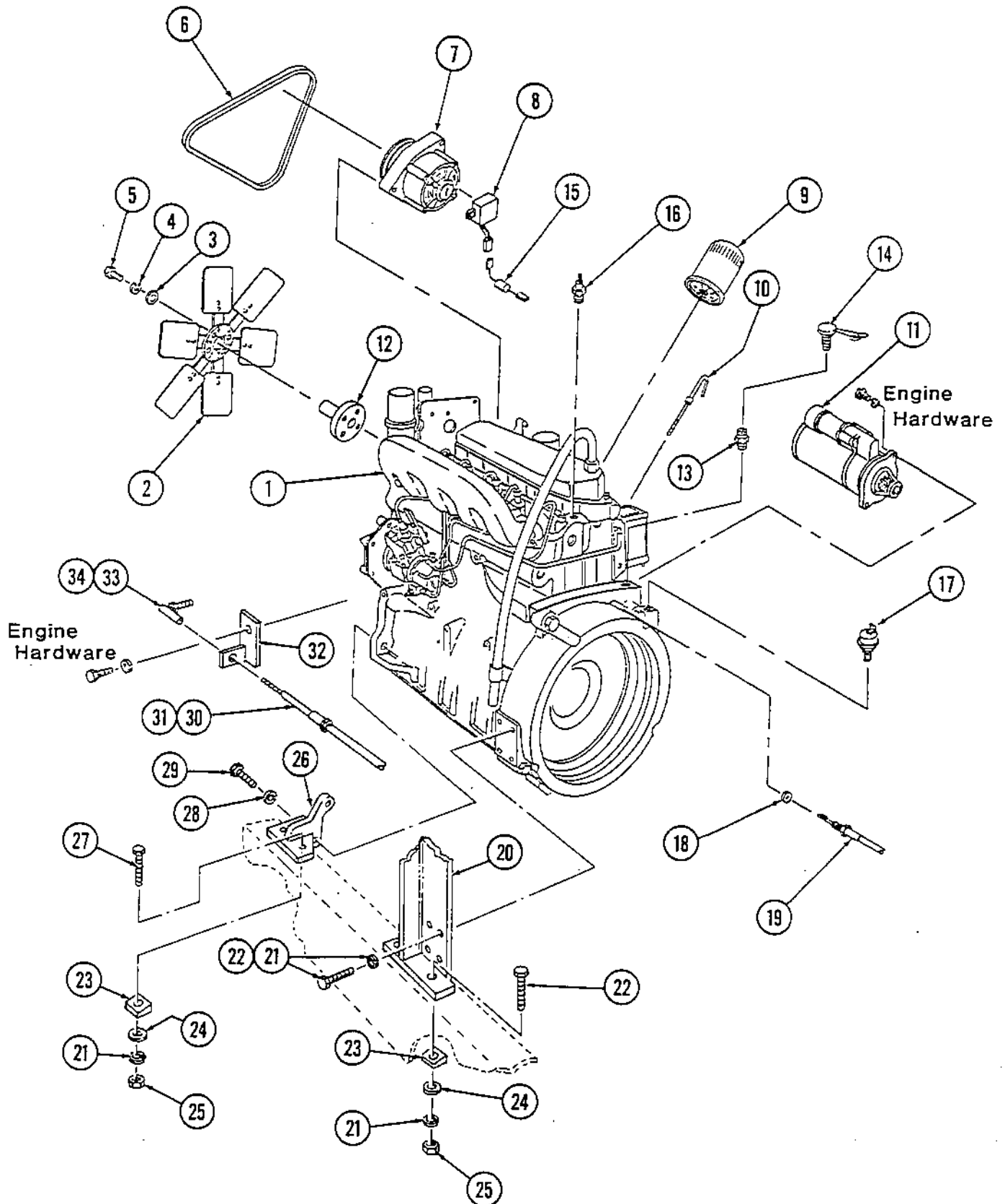


**ENGINE**

Engine, John Deere	2
Engine, Ford	4
Engine, Detroit	6
Air Cleaner, Ford & J. Deere Engine	8
Air Cleaner, Detroit Engine	10
Cooling System, J. Deere	12
Cooling System, Ford	14
Cooling System, Detroit	16
Fuel System, J. Deere	18
Fuel System, Ford	20
Fuel System, Detroit	22
Exhaust System, John Deere	24
Exhaust System, Ford	26
Exhaust System, Detroit	28
Pump Drive Assembly	30
Pump Drive, Vibration & Steering	32
Pump Drive, Strike-Off Blade, Detroit to S/N 469	34



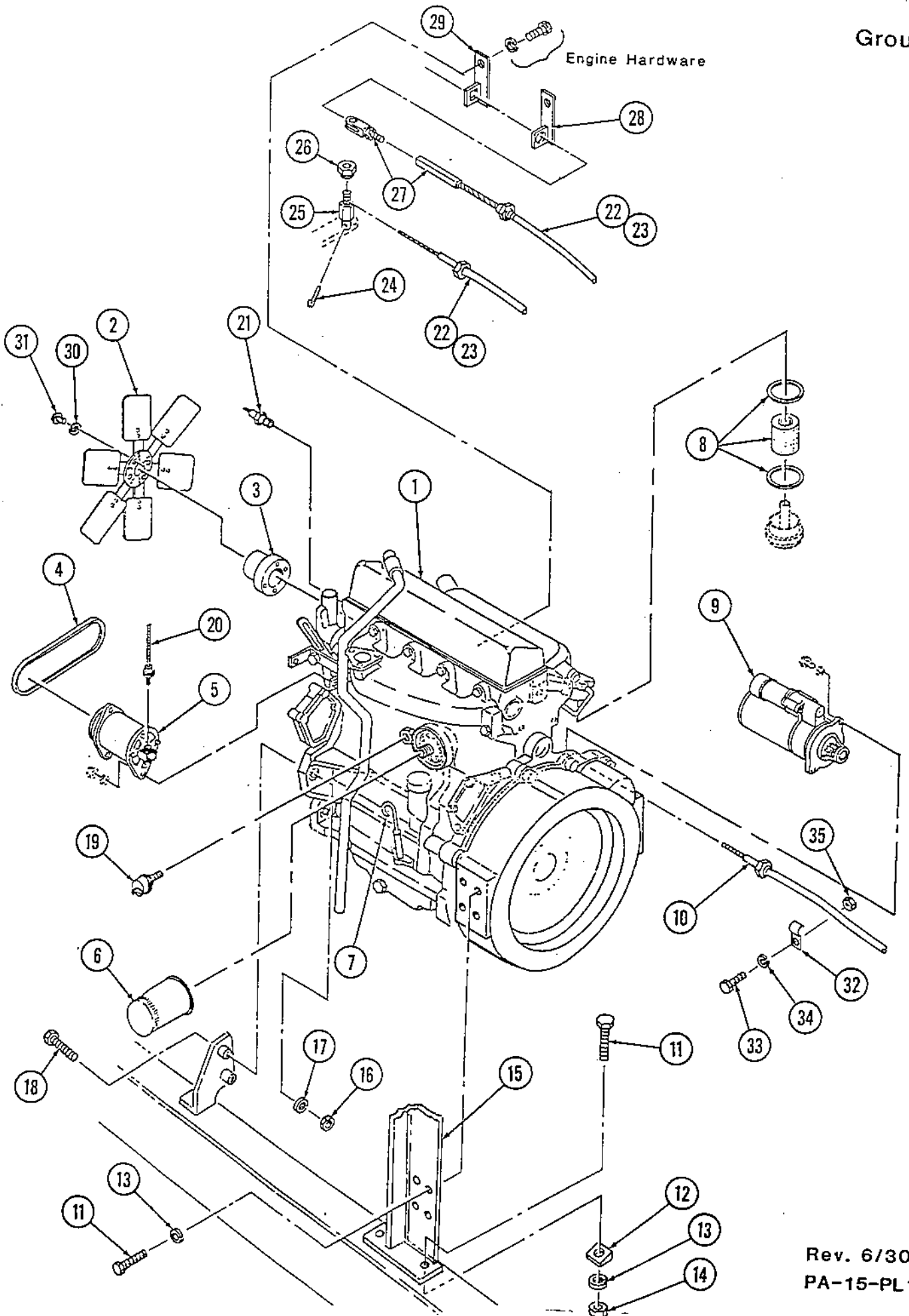
Page		Group		Illustration Number	Catalog Number	Illustration	
2		3		PA-15-PL137	PA-15-PL01	Engine, (John Deere)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
1	1	1	1		801148	Engine, John Deere	
2	1	1	1		NSS	Fan	
3	4	4	4		502023	Capscrew, HH	
4	4	4	4		604027	Lockwasher	
5	4	4	4		600006	Washer, Flat	
6	1	1	1		NSS	Belt, Fan	
7	1	1	1		NSS	Assy. Alternator	
8	1	1	1		NSS	Regulator, Voltage	
9	1	1	1		NSS	Element, Oil Filter	
10	1	1	1		NSS	Dipstick, Oil Level	
11	1	1	1		NSS	Assy. Starter Motor & Relay	
12	1	1	1		815442	Adapter, Fan	
13	1	1	1		989131	Tang, Tach Drive	1928 to 1931, 1936 & Up
14	1	1	1		843156	Assy. Tach Generator	1928 to 1931, 1936 & Up
15	1	1	1		976025	Diode	
16	1	1	1		989078	Sender, Water Temp.	S/N 911 & Up
-	1	1	1		989055	Sender, Water Temp.	To S/N 910
17	1	1	1		813462	Sender, Oil Pessure	
18	1	1	1		801792	Gasket, Tachometer	To 1929, 1932 to 1935
19	1	1	1		801655	Cable, Tachometer	To 1929, 1932 to 1935
20	1	1	1		815439	Support, R.H Engine	1743 & Up
-	1	1	1		815440	Support L.H Engine	To S/N 1742
21	12	12	12		604030	Lockwasher	
22	12	12	12		502062	Capscrew, HH	
23	8	8	8		605007	Washer, Bevel	
24	12	12	12		600010	Washer, Flat	
25	12	12	12		571005	Hex Nut	
26	1	1	1		815951	Mount, Right Rear Engine	
-	1	1	1		815950	Mount, Left Rear Engine	
27	4	4	4		502061	Capscrew, HH	
28	4	4	4		604032	Lockwasher	
29	4	4	4		502077	Capscrew, HH	
30	1	1	1		456039	Cable, Throttle	
31	1	1	1		891141	Handle, T.	
32	1	1	1		821497	Bracket, Throttle Cable	1743 & Up
-	1	1	1		821263	Bracket, Throttle Cable	To S/N 1742
33	1	1	1		457100	Ball Joint, Throttle Cable	
34	1	1	1		572001	Hex Nut	



CA15, CA15D, CA15PD
Spare Parts Catalog

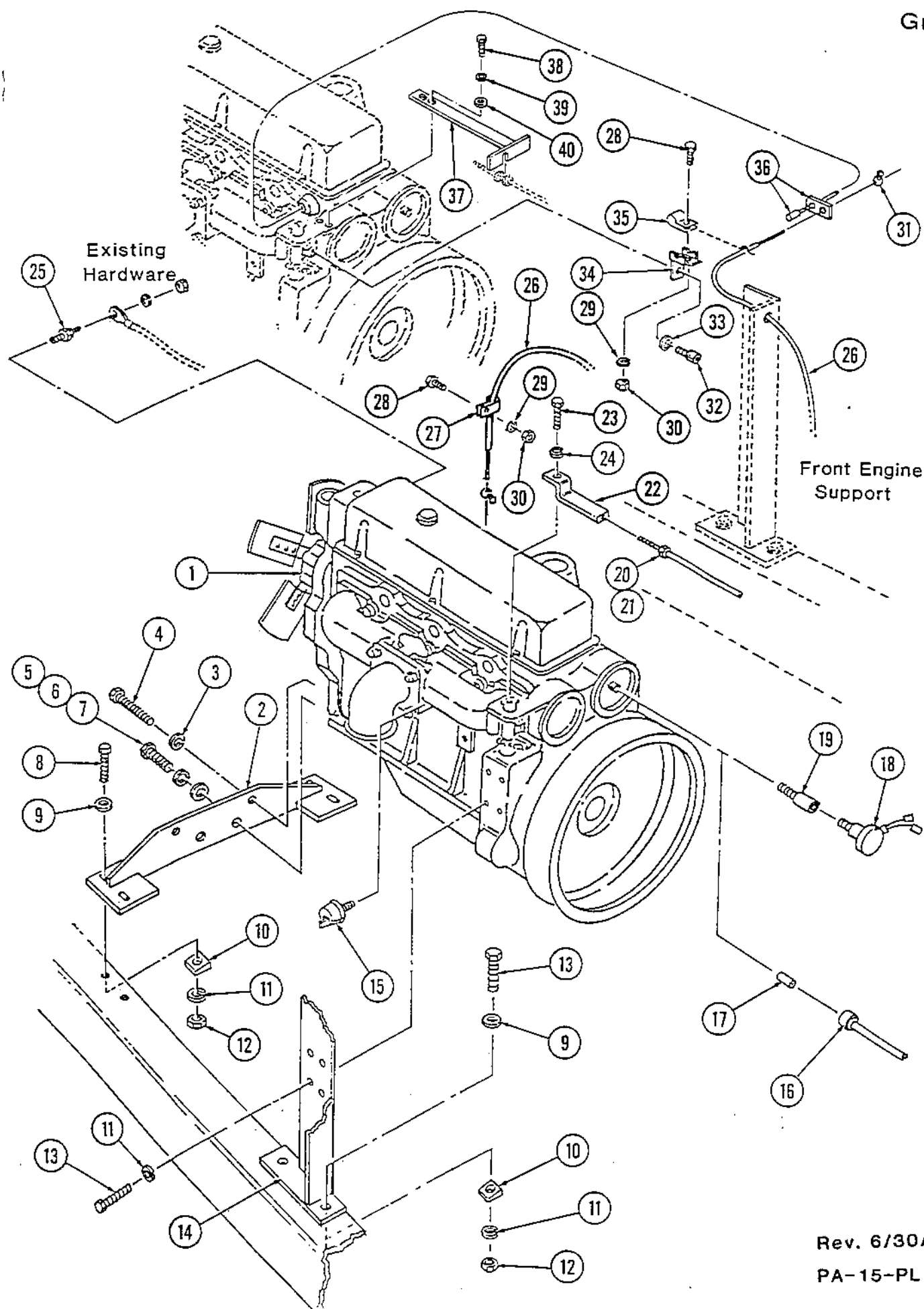


Page		Group		Illustration Number		Catalog Number		Illustration	
4		3		PA-15-PL138		PA-15-PL01		Engine, (Ford Diesel)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		801106	Engine, Ford Diesel	S/N 911 & Up To S/N 910		
2	1	1	1		NSS	Assembly, Fan			
3	1	1	1		NSS	Spacer, Fan			
4	1	1	1		NSS	Belt, Generator Drive			
5	1	1	1		NSS	Assembly, Generator			
6	1	1	1		NSS	Element, Oil Filter			
7	1	1	1		NSS	Dipstick, Oil			
8	1	1	1		NSS	Kit, Filter Element			
9	1	1	1		NSS	Assembly, Starter Motor & Relay			
10	1	1	1		801171	Shaft, Flex, Tachometer (Eng. Drive)			
11	12	12	12		502061	Capscrew, HH			
12	4	4	4		605007	Washer, Bevel			
13	12	12	12		604030	Lockwasher			
14	4	4	4		571005	Hex Nut			
15	1	1	1		815314	Support, R.H Engine			
-	1	1	1		815315	Support, L.H Engine			
16	4	4	4		571007	Hex Nut			
17	4	4	4		604033	Lockwasher			
18	4	4	4		502097	Capscrew, HH			
19	1	1	1		813462	Sender, Oil Pressure			
20	1	1	1		801105	Shaft, Flex Tachometer (Gen. Drive)			
21	1	1	1		989078	Sender, Water Temp.			
-	1	1	1		989055	Sender, Water Temp.			
22	2	2	2		456039	Cable, Shutdown & Throttle Control			
23	1	1	1		891141	Handle, T			
24	1	1	1		630003	Pin, Cotter			
25	1	1	1		801375	Pivot			
26	1	1	1		572009	Hex Nut			
27	1	1	1		813361	Yoke			
28	1	1	1		815310	Bracket, Cable Mounting			
29	1	1	1		815311	Bracket, Cable Mounting			
30	4	4	4		604027	Lockwasher			
31	4	4	4		503015	Capscrew, HH			
32	1	1	1		801247	Clamp, Cable			
33	1	1	1		517046	Capscrew, HH			
34	1	1	1		604026	Lockwasher			
35	1	1	1		571001	Hex Nut			

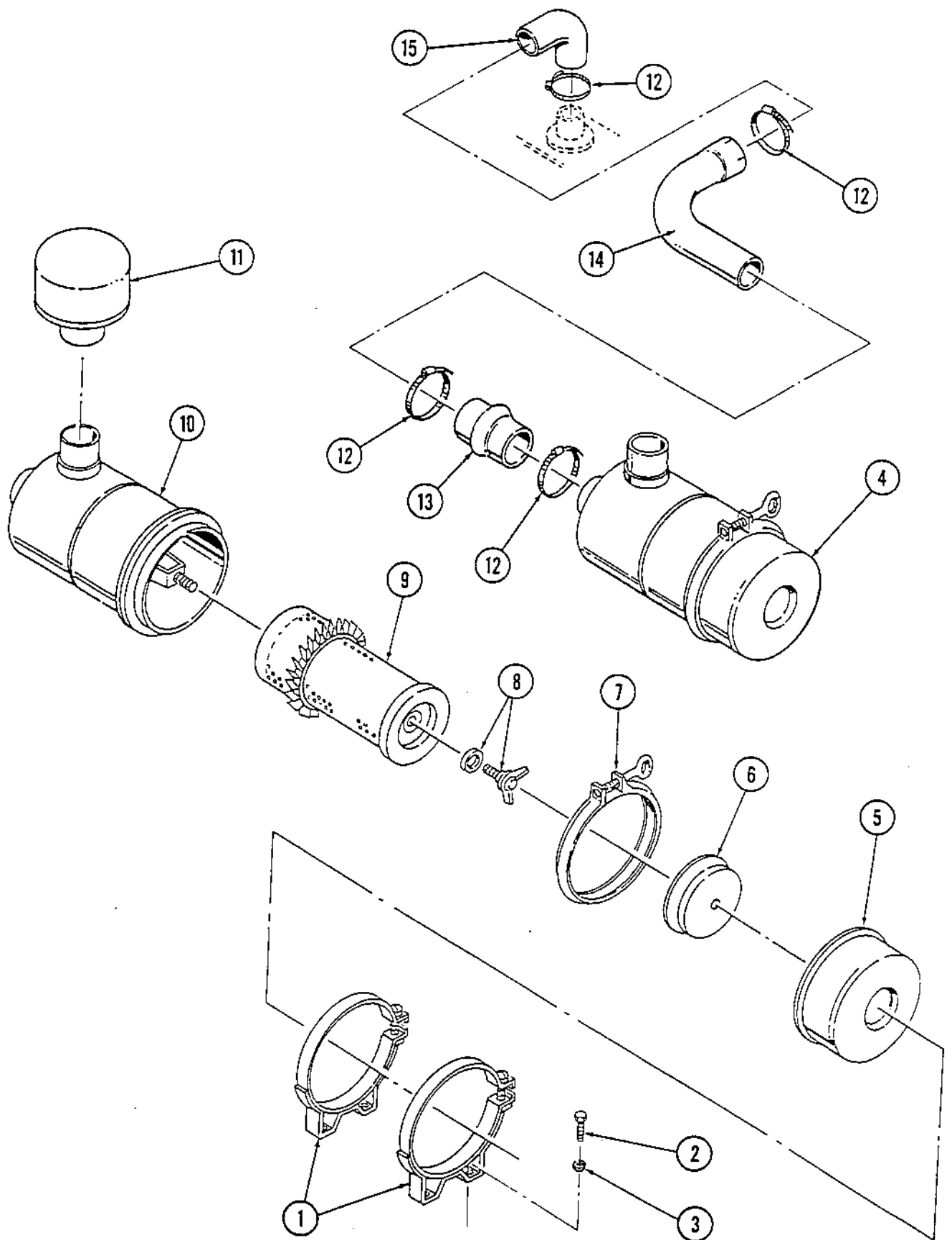


Page		Group		Illustration Number		Catalog Number		Illustration	
6		3		PA-15-PL143		PA-15-PL01		Engine (Detroit)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		801038	Engine, Detroit Diesel	To S/N 1741 To S/N 1741 S/N 1742 & up S/N 1742 & up See Group 7 See Note 1 To 1007 & 1010 See Note 1		
2	1	1	1		815962	Bracket, Rear Engine			
3	2	2	2		604028	Lockwasher			
4	2	2	2		502130	Capscrew, HH			
5	2	2	2		502054	Capscrew, HH			
6	2	2	2		604029	Lockwasher			
7	2	2	2		600069	Washer, Flat			
8	4	4	4		502061	Capscrew, HH			
9	8	8	8		600010	Washer, Flat			
10	8	8	8		605007	Washer, Bevel			
11	8	8	8		604030	Lockwasher			
12	8	8	8		571005	Hex Nut			
13	12	12	12		502062	Capscrew, HH			
14	1	1	1		815043	Support, RH Engine			
-	1	1	1		815044	Support, LH Engine			
15	1	1	1		813462	Switch, Oil Pressure			
16	1	1	1		456060	Shaft, Flex Tachometer			
17	1	1	1		457083	Key, Tachometer Shaft			
18	1	1	1		843156	Assy., Tach. Generator			
19	1	1	1		989131	Tang, Tach. Drive			
20	1	1	1		456028	Cable, Throttle Control			
21	1	1	1		891141	Handle, T			
22	1	1	1		815035	Link, Throttle Cable			
23	1	1	1		335658	Capscrew, HH Throttle Pivot			
24	1	1	1		604027	Lockwasher			
25	1	1	1		801622	Sender, Water Temp			
26	1	1	1		456069	Cable, Throttle Stop			
27	1	1	1		801377	Clamp			
28	2	2	2		502002	Capscrew, HH			
29	2	2	2		504026	Lockwasher			
30	2	2	2		571001	Hex Nut			
31	1	1	1		801186	Stop, Throttle			
32	1	1	1		550080	Screw, Rd. Hd.			
33	1	1	1		604019	Lockwasher			
34	1	1	1		815506	Bracket, Cable			
35	1	1	1		813313	Clamp			
36	1	1	1		NSS	Cable, Engine Stop			
37	1	1	1		815933	Bracket, Throttle Cable			
38	2	2	2		502035	Capscrew, HH			
39	2	2	2		604028	Lockwasher			
40	2	2	2		600007	Washer, Flat			

Note 1: Quantity of 2 used to S/N 1007 & 1010



Page		Group		Illustration Number	Catalog Number	Illustration	
8		3		PA-15-PL104	PA-15-PL01	Air Cleaner Assembly (Ford & J. Deere Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	2	2	2		499133	Strap, Mounting	
2	4	4	4		502016	Capscrew, HH	
3	4	4	4		604027	Lockwasher	
4	1	1	1		499134	Assembly, Air Cleaner	
5	1	1	1		499369	Assy., Cup	
6	1	1	1		499368	Baffle, Skirt	
7	1	1	1		891510	Assy., Clamp	
8	1	1	1		891518	Assy., Nut & Gasket	
9	1	1	1		891528	Element, Air Cleaner	
10	1	1	1		891521	Body, Air Cleaner	
11	1	1	1		499317	Pre Cleaner	
12	4	4	4		313023	Clamp, Hose	
13	1	1	1		801468	Reducer, Hump	
14	1	1	1		80158502	Adapter, Air Inlet	
15	1	1	1		801467	Elbow, Air Cleaner	



Page		Group		Illustration Number		Catalog Number		Illustration	
10		3		PA-15-PL103		PA-15-PL01		Air Cleaner Assembly (Detroit Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	2	2	2		813791	Strap, Mounting			
2	8	8	8		604027	Lockwasher			
3	4	4	4		502016	Capscrew, HH			
4	1	1	1		499225	Assembly, Air Cleaner			
5	1	1	1		891523	Assy., Cup			
6	1	1	1		499240	O-Ring			
7	1	1	1		893524	Assy., Baffle			
8	1	1	1		893228	Assy., Clamp			
9	1	1	1		499489	Assy., Nut & Gasket			
10	1	1	1		499313	Element, Air Cleaner			
11	1	1	1		499476	Body, Air Cleaner			
12	1	1	1		813792	Assy., Pre Cleaner			
13	1	1	1		891530	Clamp			
14	2	2	2		921121	Clamp, Hose			
15	1	1	1		801179	Hose, Hump			
16	1	1	1		815507	Tube, Air Cleaner			
17	4	4	4		502018	Capscrew, HH			

DYNAPAC

DYNAPAC MFG INC

SERVICE INFORMATION

SI-024-5-16-77

TO: All Dynapac "B" Dealers
 ATTN: Service Manager
 FROM: J. Sawchuck, Service Manager
 SUBJECT: Rigid Air Intake Kits
 Models CA-15, CA-25, CC-50

In our current production of the above models which utilize Caterpillar and GM engines, we have discontinued the use of the #63SB-4" flexible hose air intake and are now using systems designed with solid rubber elbows and steel tubing. This provides more rigidity and safety for the engine air intake. The serial number breakdown of the start of these new systems are as follows:

Model CA-15	GM	S/N 745 & 748 & Up
Model CA-25	GM	S/N 1550 & Up
Model CA-25	Cat	S/N 1531 to 1535, 1538 & Up
Model CC-50	Cat	S/N 316 & Up

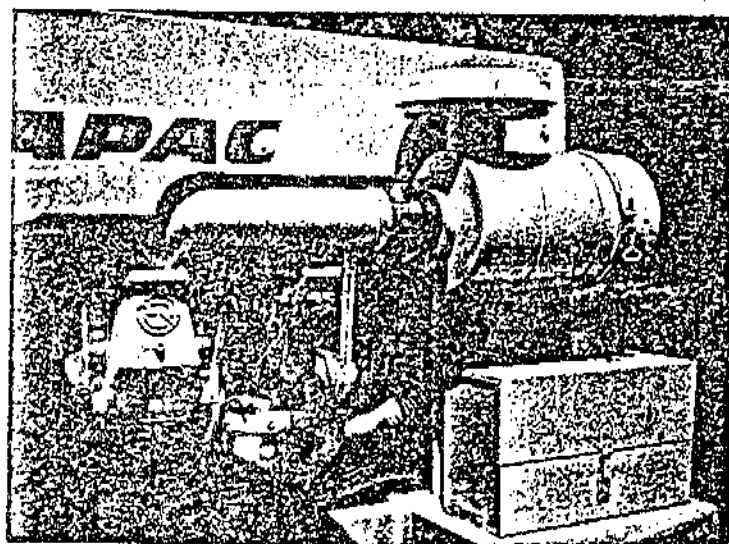
These new systems are now set up in kit form for field installation as noted below and are comprised of all tubes, elbows and clamps necessary for each model.

Model	Engine	Kit No.	List Price
CA-15	GM	825578	
CA-25	GM	825244	
CA-25	Cat	825243	
CC-50	Cat	850641	

**KITS NO LONGER
AVAILABLE. YOU**

**MUST
ORDER ALL
PARTS ON
P. 64 EXCEPT
AIR CLEANER.**

CA-15
RIGID AIR
INTAKE



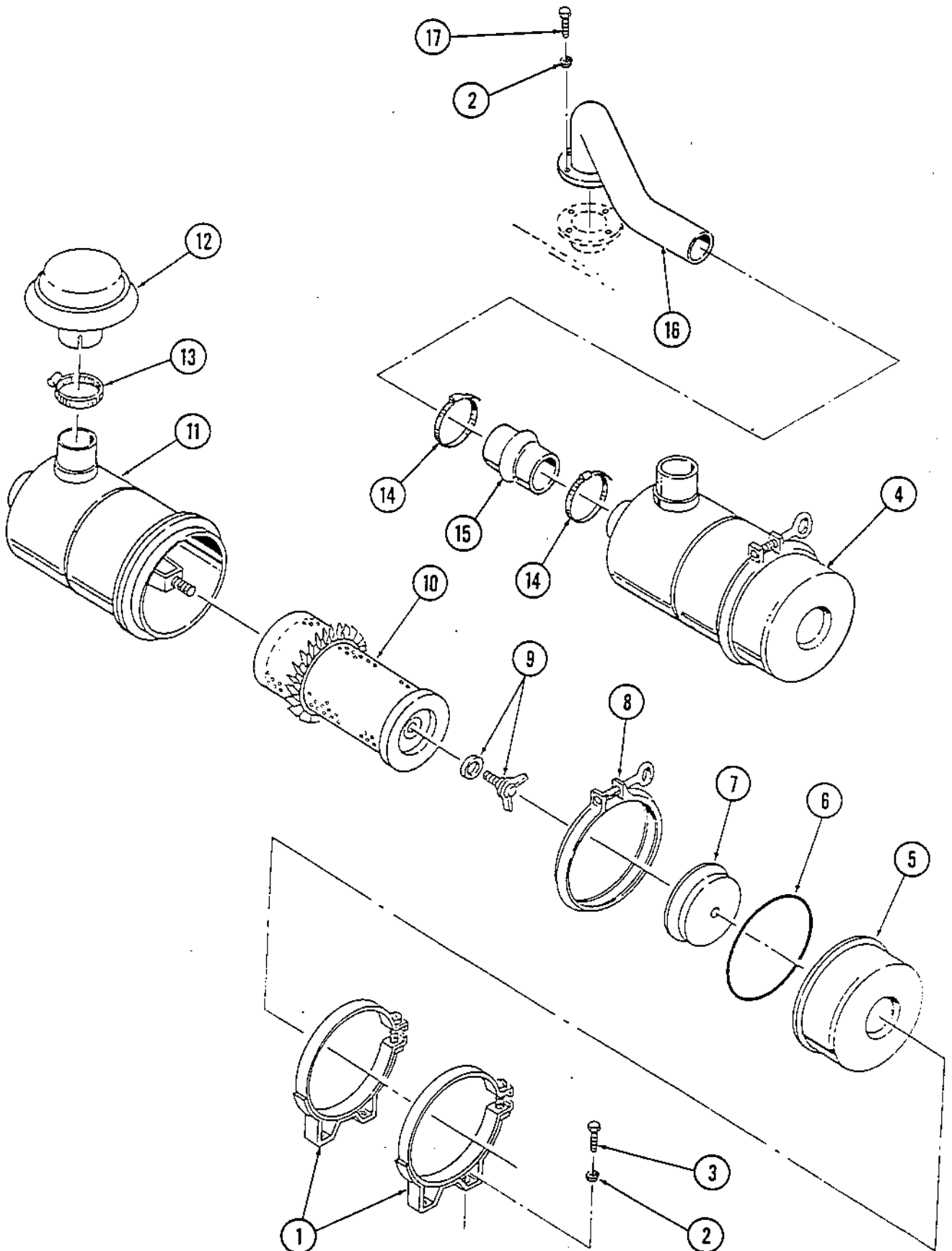
MAILING ADDRESS
P.O. Box 368
Stanhope, N.J. 07874

SHIPPING ADDRESS
Kelly Place
Stanhope, N.J. 07874

TELEPHONE
201-347-0700

CABLE ADDRESS
Dynapac Stanhope

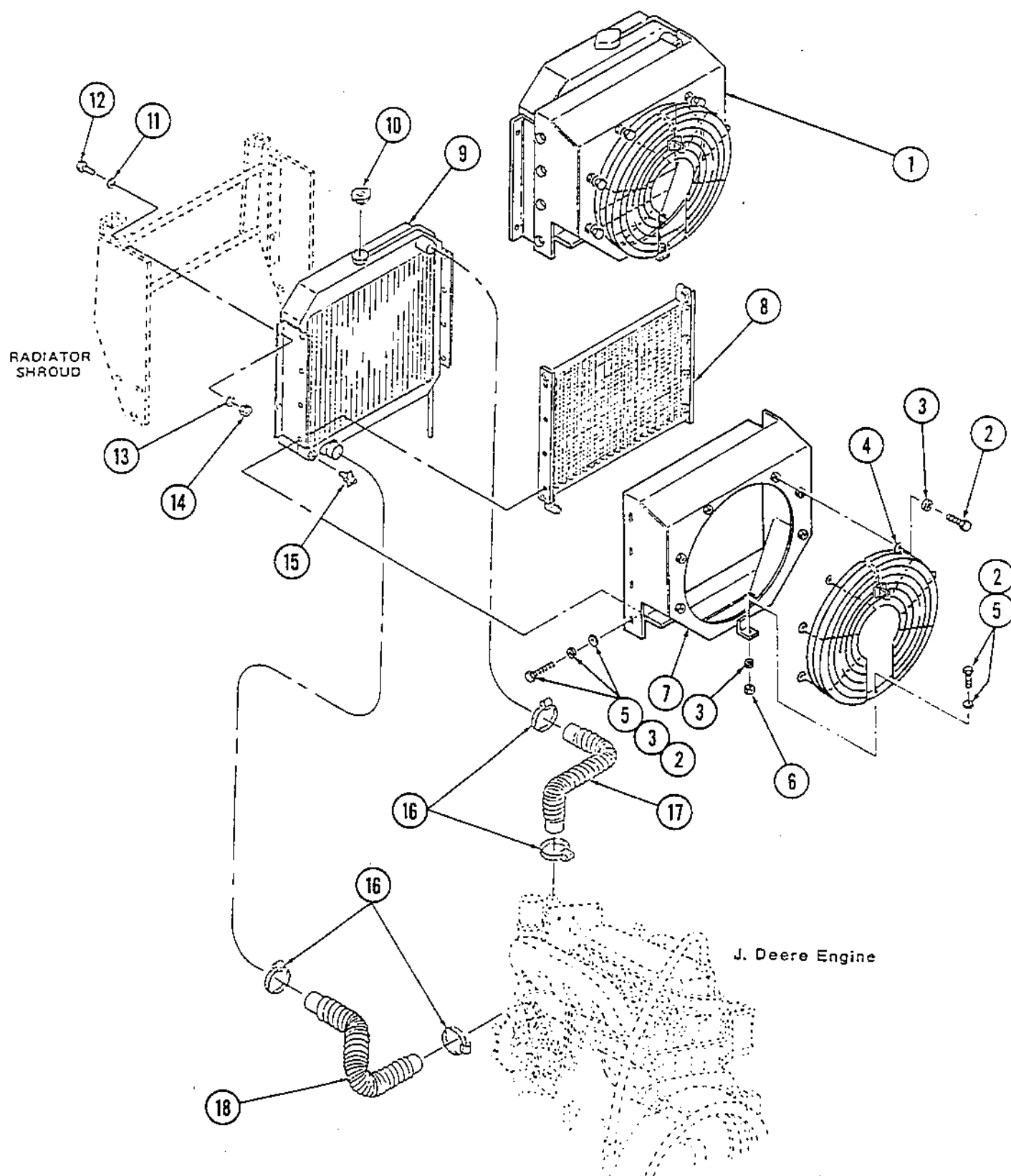
TELEX
13-6481
DYN STPE



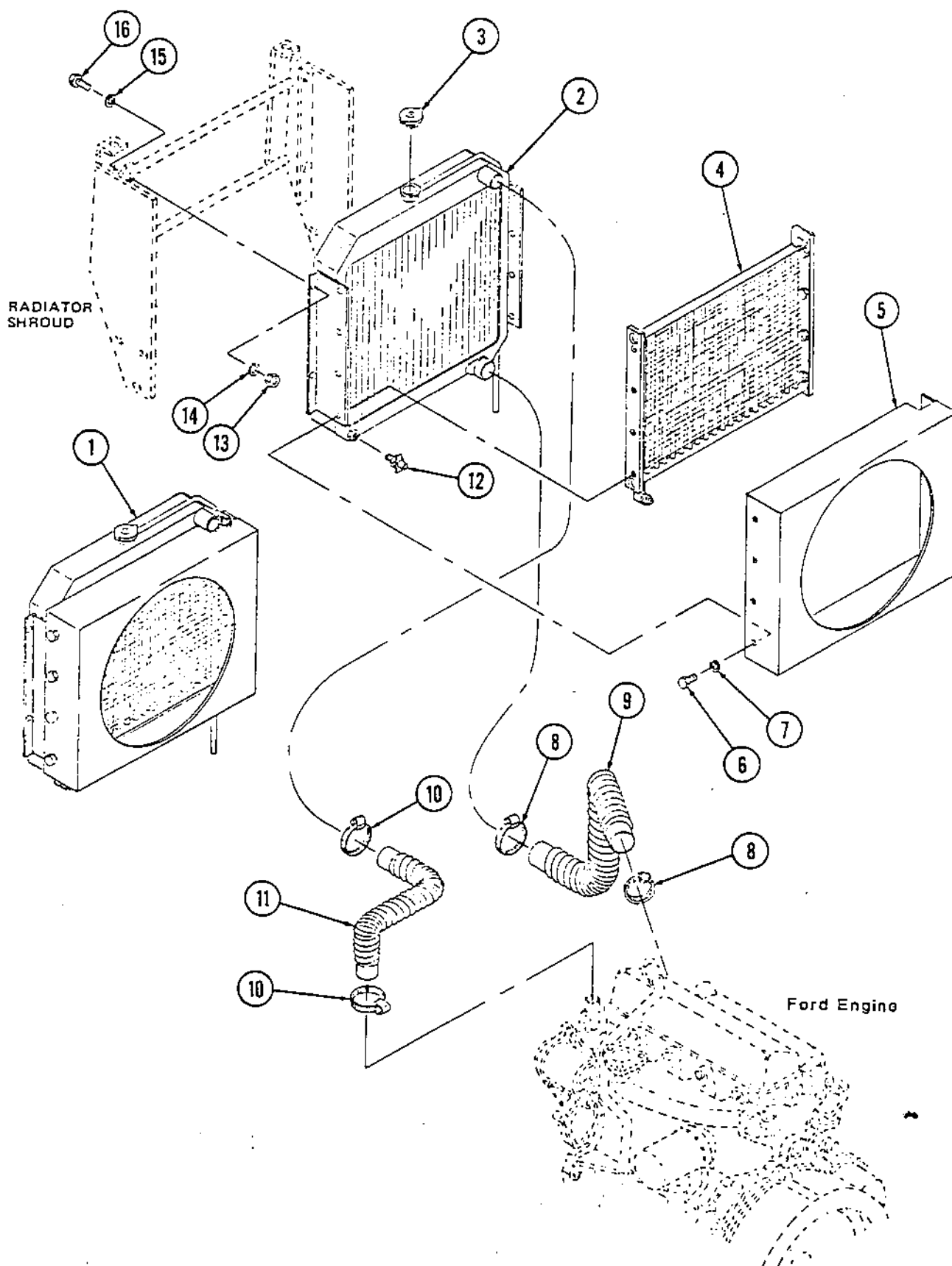
CA15, CA15D, CA15PD
Spare Parts Catalog



Page		Group		Illustration Number		Catalog Number		Illustration	
12		3		PA-15-PL129		PA-15-PL01		Cooling System (J. Deere Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		815441	Assy., Radiator & Oil Cooler			
2	15	15	15		502004	Capscrew, HH			
3	15	15	15		604026	Lockwasher			
4	1	1	1		815970	Guard, Fan			
5	9	9	9		600005	Washer, Flat			
6	1	1	1		571001	Hex Nut			
7	1	1	1		815444	Shroud, Fan			
8	1	1	1		815858	Assy., Oil Cooler			
9	1	1	1		801149	Radiator			
10	1	1	1		891440	Cap, Pressure			
11	4	4	4		600007	Washer, Flat			
12	4	4	4		502035	Capscrew, HH			
13	4	4	4		604028	Lockwasher			
14	4	4	4		571003	Hex Nut			
15	1	1	1		813306	Petcock, Drain			
16	4	4	4		313076	Clamp, Hose			
17	1	1	1		499228	Hose			
18	1	1	1		745015	Hose			



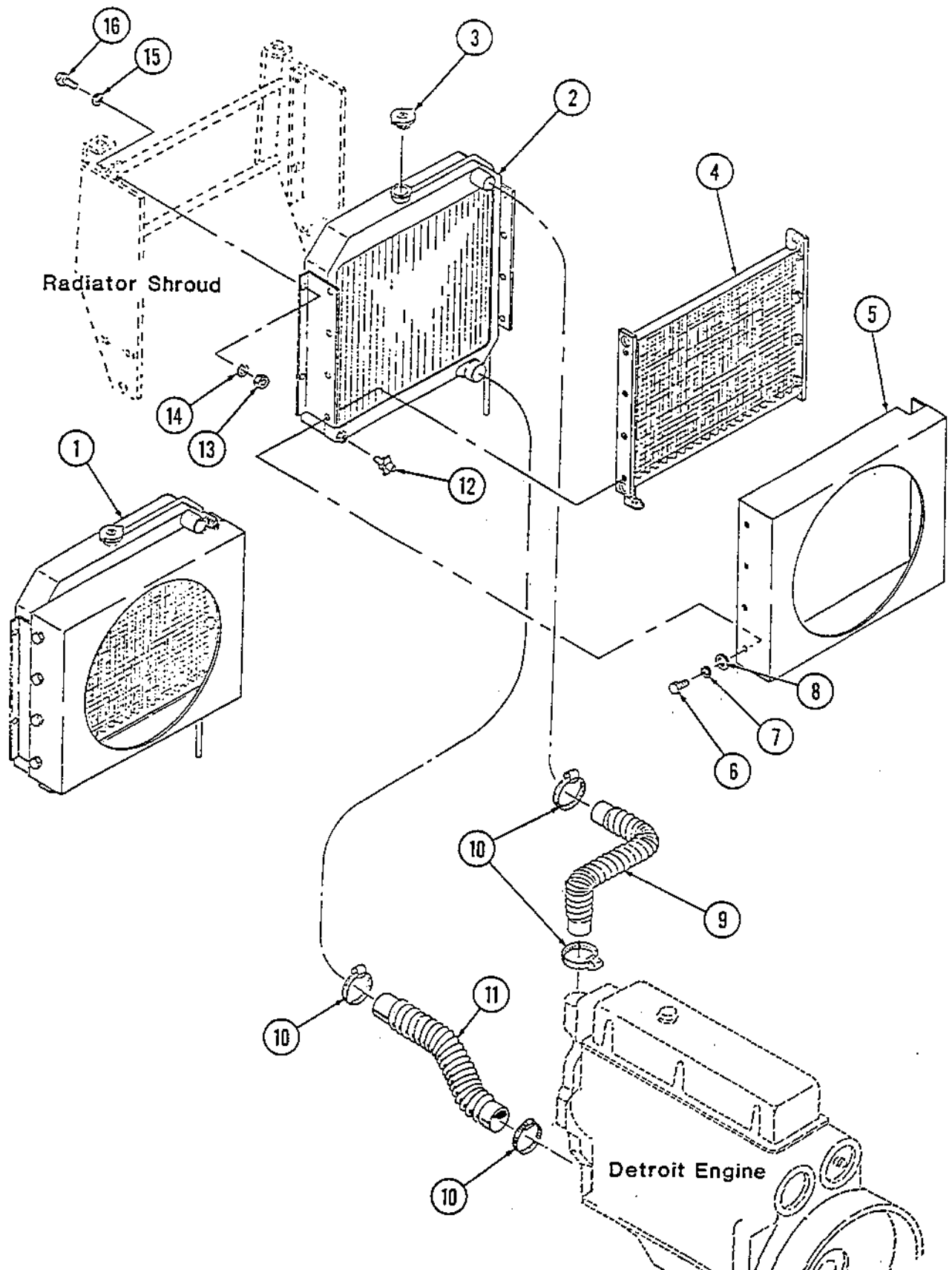
Page		Group		Illustration Number	Catalog Number	Illustration	
14		3		PA-15-PL130	PA-15-PL01	Cooling System (Ford Eng.)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
1	1	1	1		815335	Assy., Radiator & Oil Cooler	
2	1	1	1		801164	Radiator	
3	1	1	1		891440	Cap, Pressure	
4	1	1	1		815858	Cooler, Oil	
5	1	1	1		815283	Shroud	
6	8	8	8		892351	Capscrew, HH washer	
7	8	8	8		891591	Lockwasher	
8	2	2	2		801246	Clamp, Hose	
9	1	1	1		499228	Hose	
10	2	2	2		813311	Clamp, Hose	
11	1	1	1		745053	Hose	
12	1	1	1		813306	Petcock, Drain	
13	4	4	4		571003	Hex Nut	
14	4	4	4		604028	Lockwasher	
15	4	4	4		600007	Washer, Flat	
16	4	4	4		502035	Capscrew, HH	



CA15, CA15D, CA15PD
Spare Parts Catalog



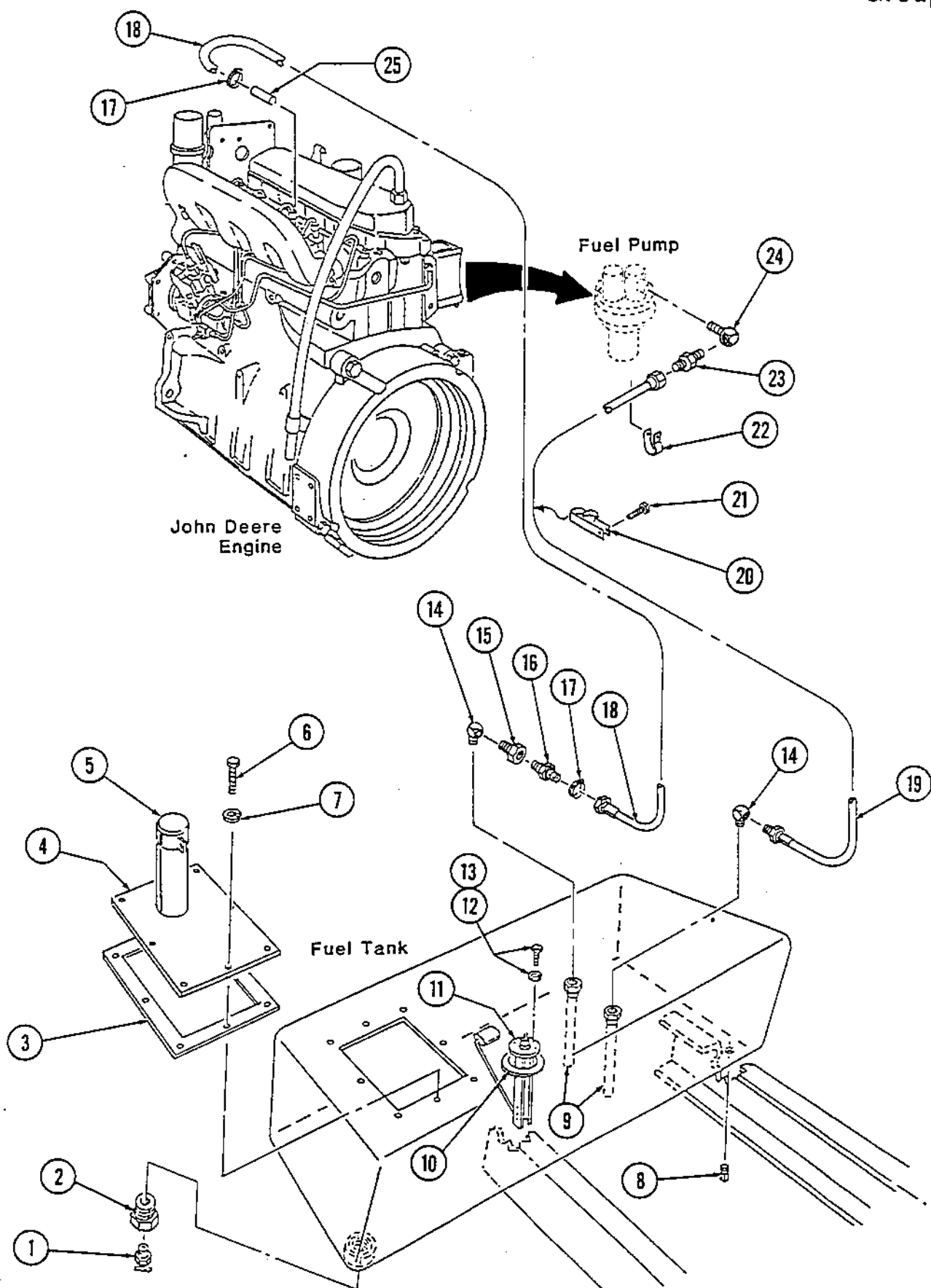
Page		Group		Illustration Number		Catalog Number		Illustration	
16		3		PA-15-PL128		PA-15-PL01		Cooling System (Detroit Eng.)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815859	Assy., Radiator & Oil Cooler			
2	1	1	1		801164	Radiator			
3	1	1	1		891440	Cap, Pressure			
4	1	1	1		815858	Cooler, Oil			
5	1	1	1		815631	Shroud			
6	8	8	8		502004	Capscrew, HH			
7	8	8	8		604026	Lockwasher			
8	8	8	8		600005	Washer, Flat			
9	1	1	1		499228	Hose			
10	4	4	4		813311	Clamp, Hose			
11	1	1	1		499227	Hose			
12	1	1	1		813306	Petcock, Drain			
13	4	4	4		571003	Hex Nut			
14	4	4	4		604028	Lockwasher			
15	4	4	4		600007	Washer, Flat			
16	4	4	4		502035	Capscrew, HH			



Page		Group		Illustration Number		Catalog Number		Illustration	
18		3		PA-15-PL122		PA-15-PL01		Fuel System (John Deere Eng.)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		923297	Petcock	See Note 1		
2	1	1	1		334453	Bushing, Reducer	See Note 1		
3	1	1	1		850145	Gasket	See Note 1		
-	A/R	A/R	A/R		801266	Caulking, Clear Silicone Compound	See Note 1		
4	1	1	1		826262	Filler & Cap Assy.	See Note 1		
5	1	1	1		80153305	Cap, Fuel	See Note 1		
-	1	1	1		813467	Cap, Fuel Tank	See Note 1		
6	8	8	8		502036	Capscrew, HH	See Note 1		
7	8	8	8		801272	Washer, Sealing	See Note 1		
8	1	1	1		813391	Plug, Magnetic			
9	2	2	2		815597	Pipe, Fuel	See Note 2		
10	1	1	1		813315	Gasket, Sender			
11	1	1	1		813314	Sender, Fuel Level			
12	5	5	5		550028	Screw, Rd. Hd.			
13	5	5	5		604019	Lockwasher			
14	2	2	2		813320	Elbow, 90°			
15	1	1	1		334447	Bushing			
16	1	1	1		234571	Connector, Male			
17	2	2	2		813075	Clamp, Hose			
18	1	1	1		205069	Hose, Fuel Return			
19	1	1	1		815052	Hose, Fuel Supply			
20	1	1	1		921129	Clamp, Duplex			
21	2	2	2		502002	Capscrew, HH			
22	1	1	1		813716	Clamp			
23	1	1	1		813323	Connector, Male			
24	1	1	1		234574	Elbow, 90°			
25	1	1	1		821477	Tube, Fuel			

NOTE 1: S/N 877, 883 to 885, 887 to 892, 902 & Up. Fuel Cap 813467 used prior to above S/N's.

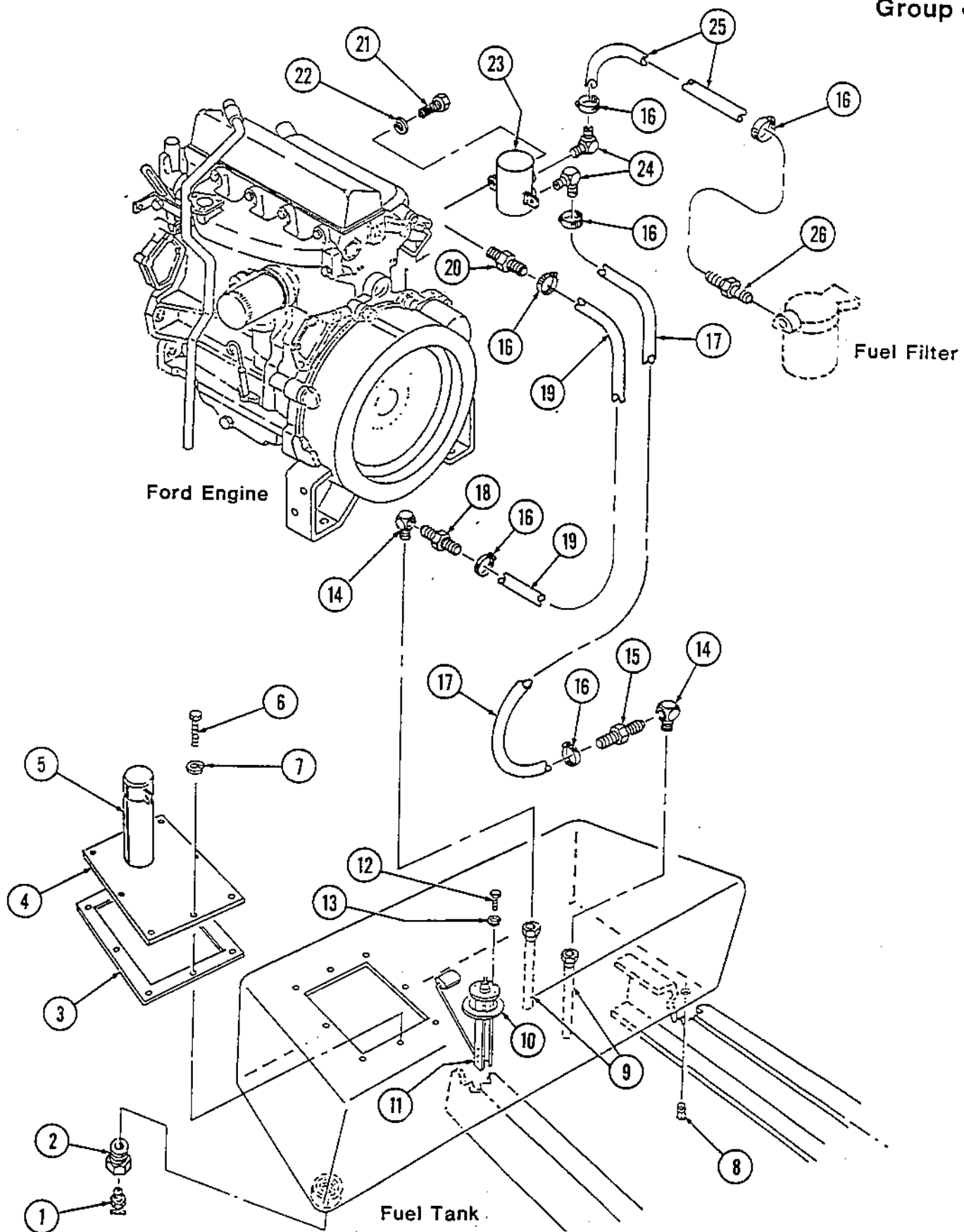
NOTE 2: From S/N 902 & up. For S/N's before 902 use P/N 813322.



Page		Group		Illustration Number	Catalog Number	Illustration	
20		3		PA-15-PL124	PA-15-PL01	Fuel System (Ford Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
1	1	1	1		923297	Petcock	See Note 1
2	1	1	1		334453	Bushing, Reducer	See Note 1
3	1	1	1		850145	Gasket	See Note 1
-	A/R	A/R	A/R		801266	Caulking, Clear Silicone Compound	See Note 1
4	1	1	1		826262	Filler & Cap Assy.	See Note 1
5	1	1	1		80153305	Cap, Fuel	See Note 1
-	1	1	1		813467	Cap, Fuel Tank	See Note 1
6	8	8	8		502036	Capscrew, HH	See Note 1
7	8	8	8		801272	Washer, Sealing	See Note 1
8	1	1	1		813391	Plug, Magnetic	
9	2	2	2		815597	Pipe, Fuel	See Note 2
10	1	1	1		813315	Gasket, Sender	
11	1	1	1		813314	Sender, Fuel Level	
12	5	5	5		550028	Screw, Rd. Hd.	
13	5	5	5		604019	Lockwasher	
14	2	2	2		813320	Elbow 90°	See Note 1
15	1	1	1		334451	Connector, Male	
16	6	6	6		813075	Clamp, Hose	
17	1	1	1		205110	Hose, Fuel Line	
18	1	1	1		334450	Connector, Male	
19	1	1	1		244043	Fuel Line (66" Lg. or 168 cm)	
20	1	1	1		334448	Tube, Fuel	
21	2	2	2		502004	Capscrew, HH	
22	2	2	2		604026	Lockwasher	
23	1	1	1		499415	Pump, Fuel	
24	2	2	2		334452	Elbow, 90°	
25	1	1	1		205069	Hose, Fuel Line (49½" Lg. or 126 cm)	
26	1	1	1		334448	Connector, Male	

NOTE 1: S/N 877, 883 to 885, 887 to 892, 902 & Up. Fuel Cap 813467 used prior to above S/N's.

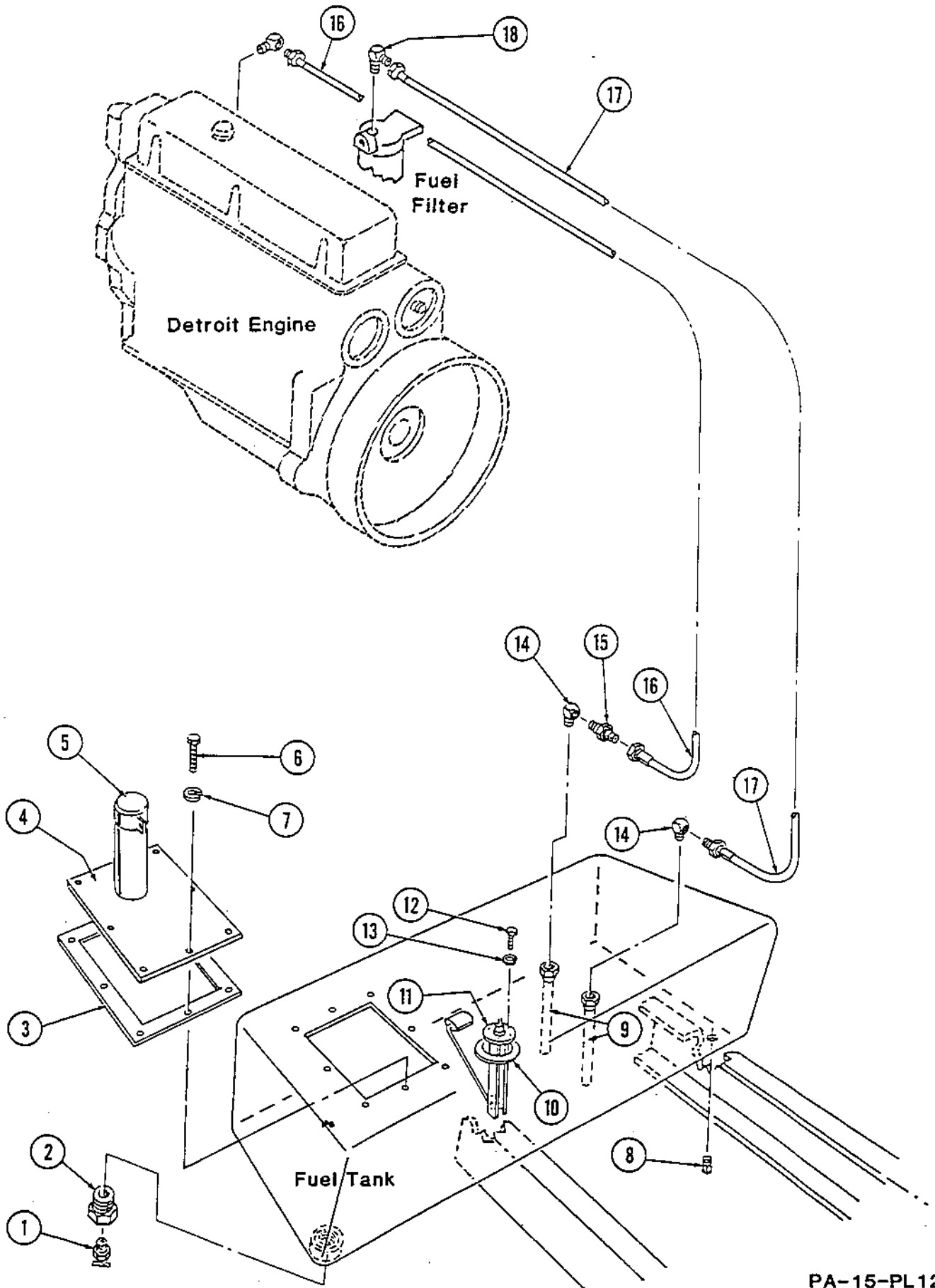
NOTE 2: From S/N 902 & up. For S/N's before 902 use P/N 813322



Page		Group		Illustration Number		Catalog Number		Illustration	
22		3		PA-15-PL123		PA-15-PL01		Fuel System (Detroit Eng.)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		923297	Petcock	See Note 1		
2	1	1	1		334453	Bushing, Reducer	See Note 1		
3	1	1	1		850145	Gasket	See Note 1		
-	A/R	A/R	A/R		801266	Caulking, Clear Silicone Compound	See Note 1		
4	1	1	1		826262	Filler & Cap Assy.	See Note 1		
5	1	1	1		80153305	Cap, Fuel	See Note 1		
-	1	1	1		813467	Cap, Fuel Tank	See Note 1		
6	8	8	8		502036	Capscrew, HH	See Note 1		
7	8	8	8		801272	Washer, Sealing	See Note 1		
8	1	1	1		813391	Plug, Magnetic			
9	2	2	2		815597	Pipe, Fuel	See Note 2		
10	1	1	1		813315	Gasket, Sender			
11	1	1	1		813314	Sender, Fuel Level			
12	5	5	5		550028	Screw, Rd. Hd.			
13	5	5	5		604019	Lockwasher			
14	2	2	2		813320	Elbow, 90°	See Note 1		
15	1	1	1		234276	Connector, Male			
16	1	1	1		815053	Fuel Line, Return			
17	1	1	1		815052	Fuel Line, Supply			
18	1	1	1		331087	Elbow, 90°			

NOTE 1: S/N 877, 883 to 885, 887 to 892, 902 & Up. (Fuel Cap 813467 used prior to above S/N's.)

NOTE 2: From S/N 902 & up. For S/N's before 902 use P/N 813322.



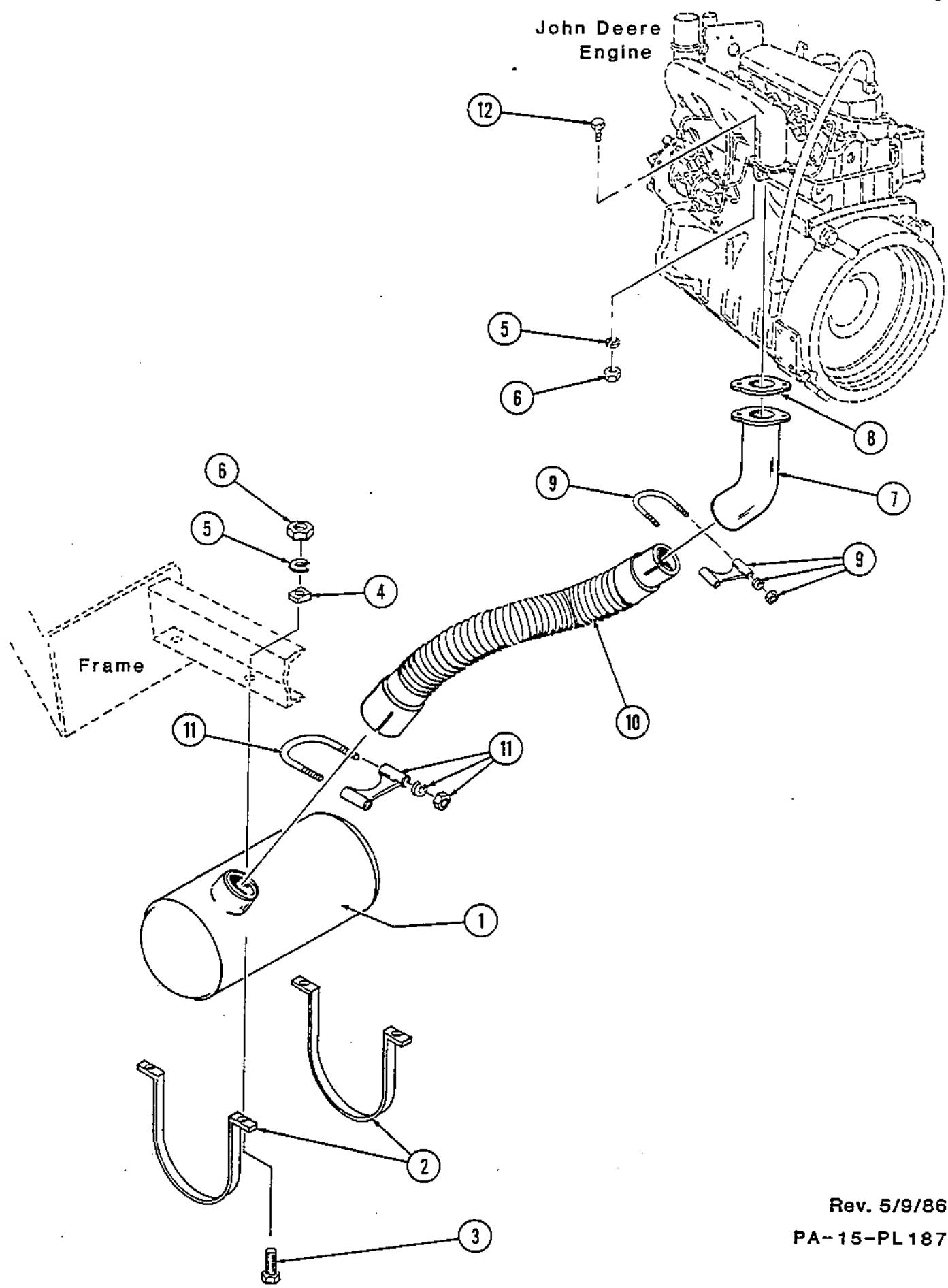
CA15, CA15D, CA15PD
Spare Parts Catalog

DYNAPAC

Rev. 5/9/86

Page 24		Group 3		Illustration Number PA-15-PL187		Catalog Number PA-15-PL01		Illustration Exhaust System, J.Deere	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		801058	Muffler			
2	2	2	2		815069	Strap, Muffler			
3	4	4	4		502037	Capscrew, HH			
4	4	4	4		605006	Washer, Bevel			
5	6	6	6		604028	Lockwasher			
6	6	6	6		571003	Hex Nut			
7	1	1	1		815456	Pipe,45° Exhaust			
8	1	1	1		801470	Gasket, Exhaust Pipe			
9	1	1	1		921136	U-Clamp			
10	1	1	1		815249	Exhaust Pipe, Flexible			
11	1	1	1		921097	U-Clamp			
12	2	2	2		502038	Capscrew, HH			

John Deere
Engine



CA15, CA15D, CA15PD
Spare Parts Catalog

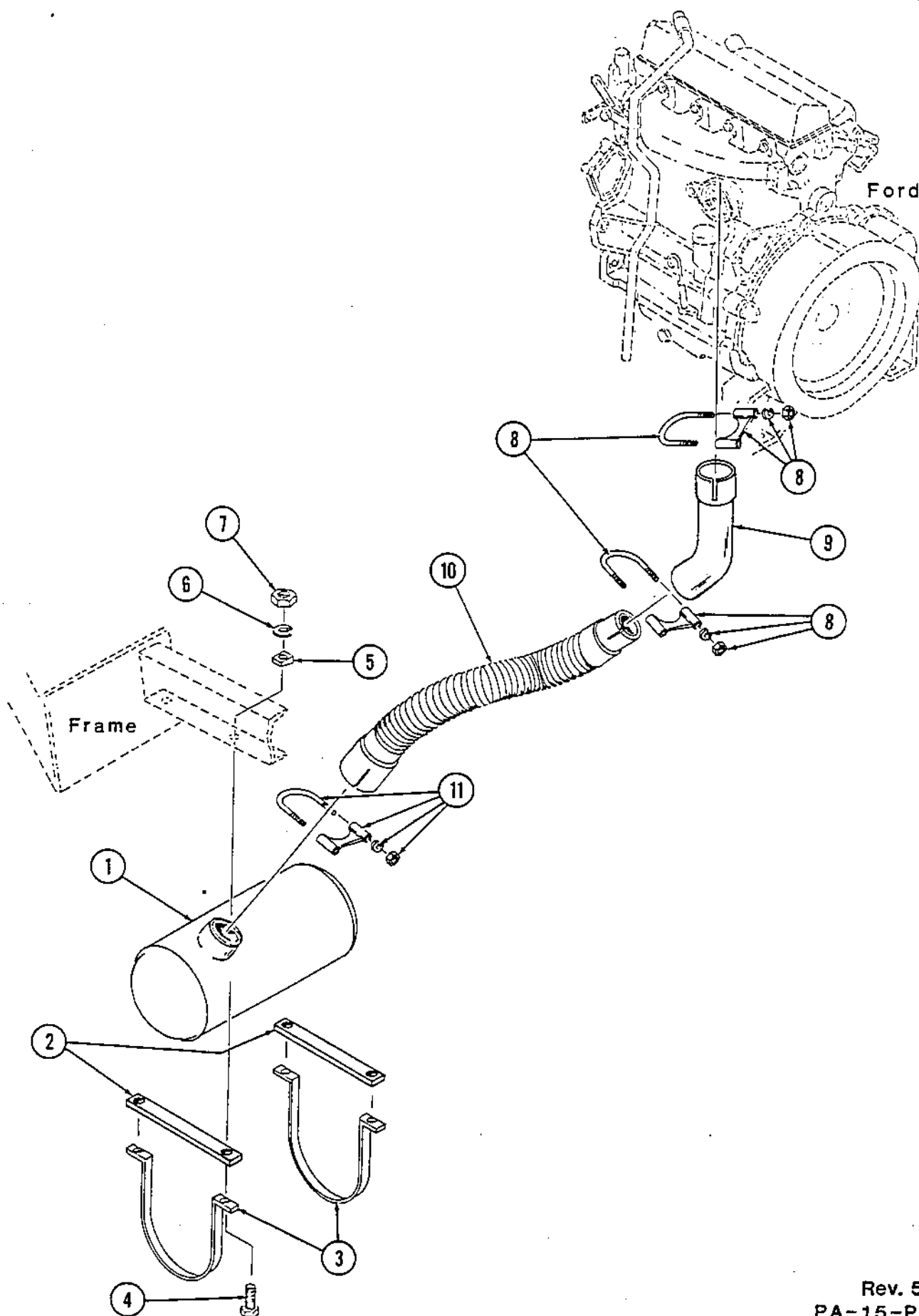
DYNAPAC

Rev. 5/9/86

NEW 61070

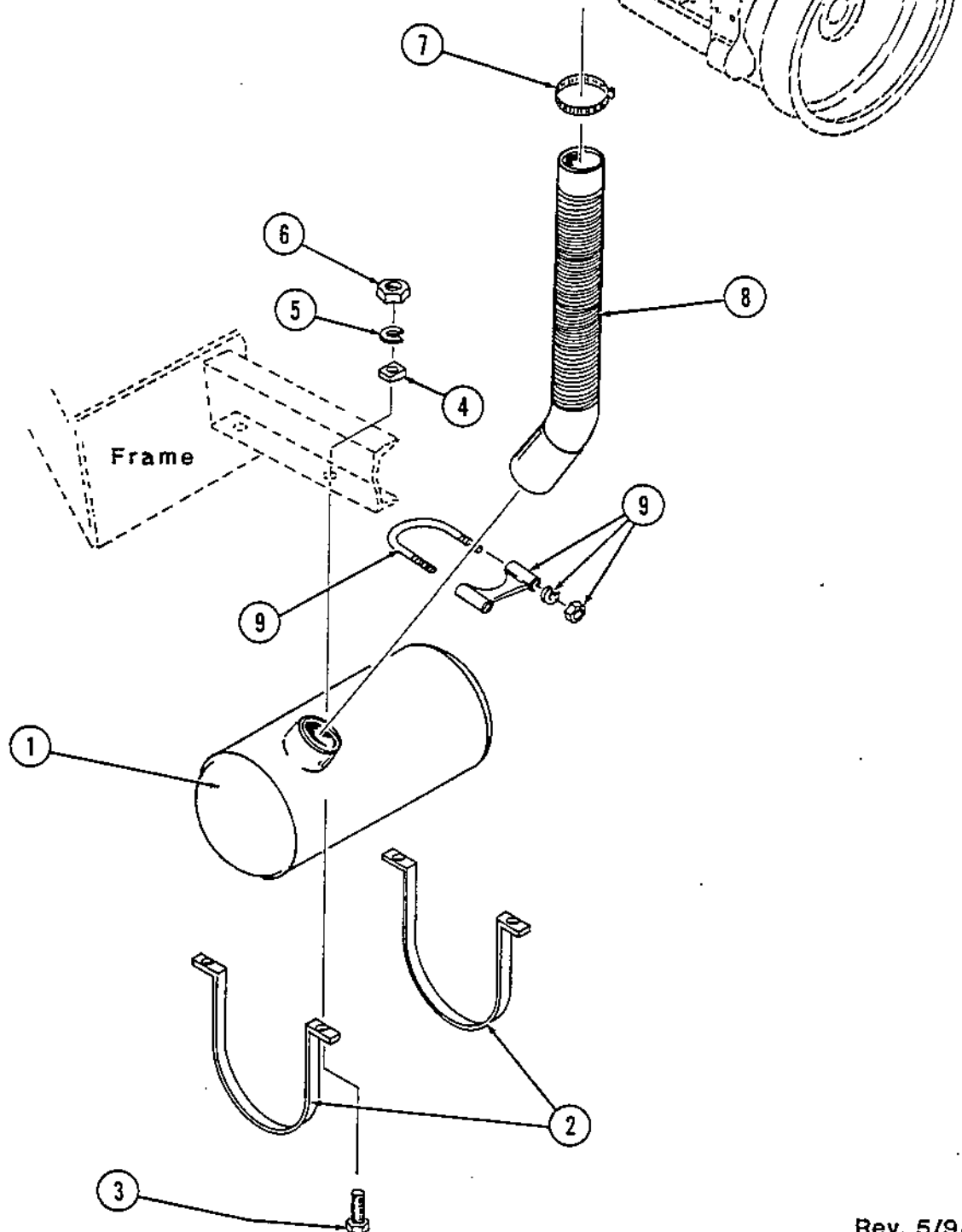
Page 26		Group 3		Illustration Number PA-15-PL188		Catalog Number PA-15-PL01		Illustration Exhaust System, Ford	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		801058	Muffler			
2	2	2	2		815303	Spacer, Muffler			
3	2	2	2		815069	Strap, Muffler			
4	4	4	4		502039	Capscrew, HH			
5	4	4	4		605006	Washer, Bevel			
6	4	4	4		604028	Lockwasher			
7	4	4	4		571003	Hex Nut			
8	2	2	2		921136	U-Clamp			
9	1	1	1		815430	Elbow, 45°			
10	1	1	1		815249	Exhaust Pipe			
11	1	1	1		921097	U-Clamp			

Ford Engine



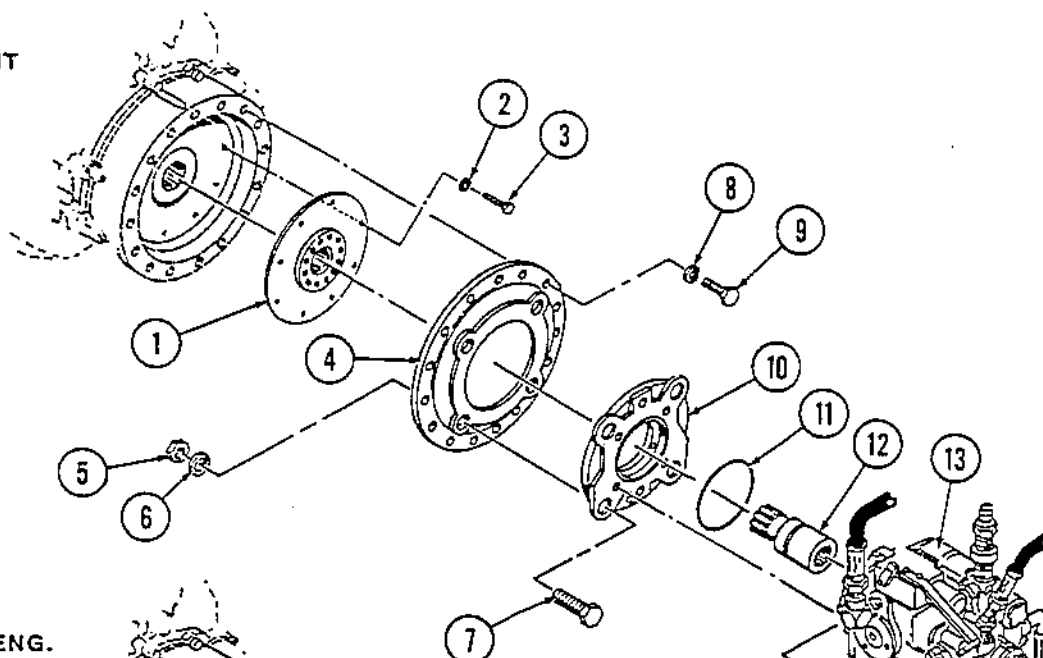
Page 28		Group 3		Illustration Number PA-15-PL186	Catalog Number PA-15-PL01	Illustration Exhaust System, Detroit		
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15	15D	15PD					
1	1	1	1		801058	Muffler		
2	2	2	2		815069	Strap, Muffler		
3	4	4	4		502037	Capscrew, HH		
4	4	4	4		605007	Washer, Bevel		
5	4	4	4		604028	Lockwasher		
6	4	4	4		571003	Hex Nut		
7	1	1	1		921098	Clamp, V-Band		
8	1	1	1		815085	Exhaust Pipe		
9	1	1	1		921097	U-Clamp		

Engine, Detroit Diesel

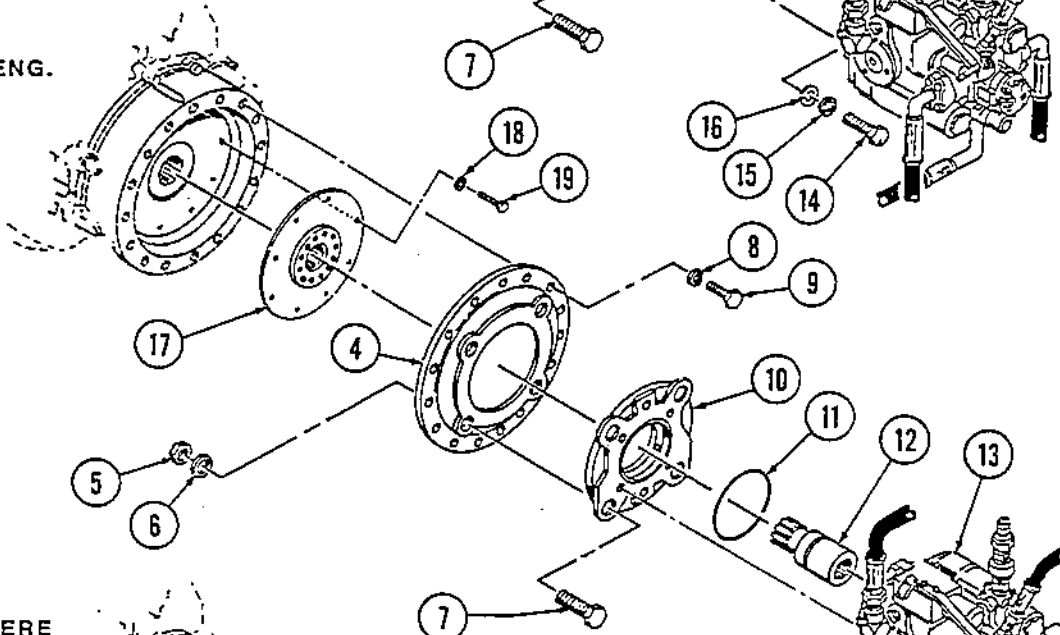


Page		Group		Illustration Number		Catalog Number		Illustration	
30		3		PA-15-PL140		PA-15-PL01		Pump Drive Assembly (Detroit, Ford, J. Deere)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		480283	Assembly, Drive Plate (Detroit Eng.)			
2	8	8	8		604028	Lockwasher			
3	8	8	8		502033	Capscrew, HH			
4	1	1	1		480282	Adapter, Engine			
5	4	4	4		571007	Hex Nut			
6	4	4	4		604033	Lockwasher			
7	4	4	4		502092	Capscrew, HH			
8	12	12	12		604028	Lockwasher			
9	12	12	12		502035	Capscrew, HH			
10	1	1	1		813599	Adapter, Pump "C"			
11	1	1	1		813647	O-Ring, Traction Pump			
12	1	1	1		416067	Shaft, Direct Drive			
13	1	1	1		801051	Pump, Traction (See Group 5)			
14	4	4	4		502060	Capscrew, HH			
15	4	4	4		335545	Washer, Special Flat			
16	4	4	4		604030	Lockwasher			
17	1	1	1		480919	Assy., Drive Plate (Ford & J. Deere Eng.)			
18	6	6	6		604028	Lockwasher			
19	6	6	6		502033	Capscrew, HH			

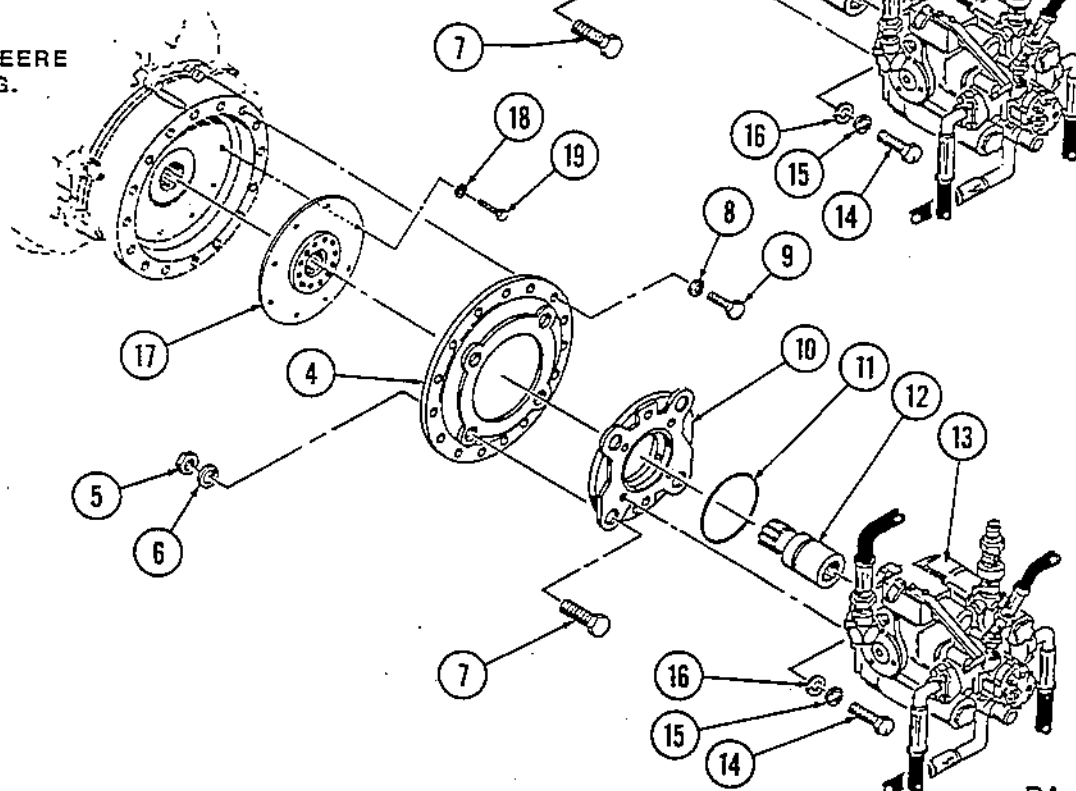
DETROIT
ENG.



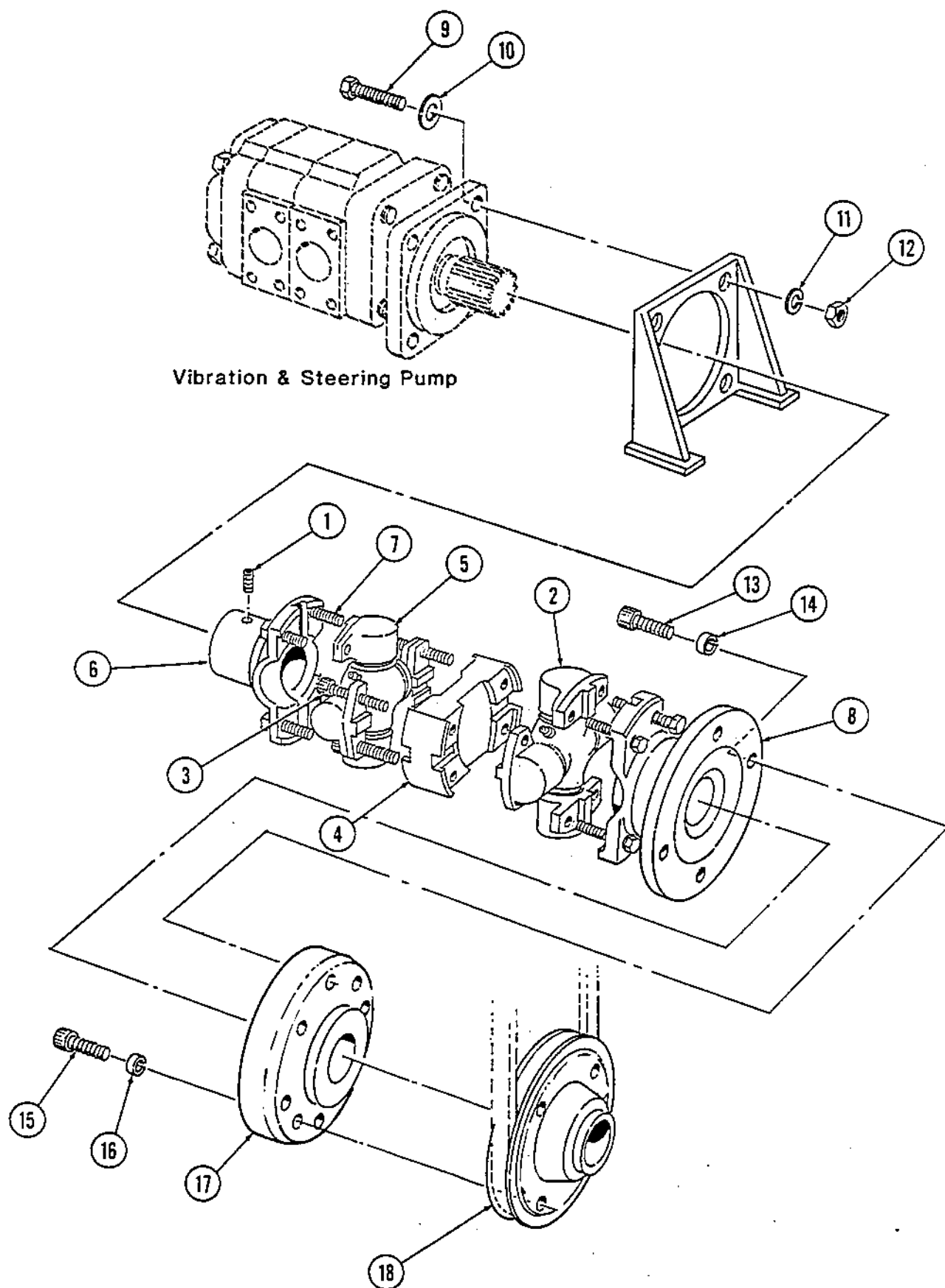
FORD ENG.



JOHN DEERE
ENG.



Page		Group		Illustration Number		Catalog Number		Illustration	
32		3		PA-15-PL139		PA-15-PL01		Pump Drive Assembly (Vibration & Steering)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1	1	1		416068	Assembly, U-Joint			
1	1	1	1		510033	Set Screw, Soc. Hd. (Key Shaft)			
2	1	1	1		416070	Assembly, Spider & Bearing			
3	4	4	4		920958	Capscrew			
4	1	1	1		416073	Plate, Center			
5	1	1	1		416071	Assembly, Spider & Bearing			
6	1	1	1		416069	Yoke, Fitting (Key Shaft)			
-	1	1	1		815461	Yoke, Fitting (Splined Shaft)			
7	8	8	8		416198	Capscrew, HH			
8	1	1	1		815048	Yoke, Fitting (Drive End)			
9	4	4	4		502060	Capscrew, HH			
10	4	4	4		600010	Washer, Flat			
11	4	4	4		604030	Lockwasher			
12	4	4	4		571005	Hex Nut			
13	4	4	4		502033	Capscrew, Soc. Hd. (Detroit & Ford)			
-	4	4	4		509010	Capscrew, Soc. Hd. (J. Deere)			
14	4	4	4		813484	Lockwasher, Hi-Collar			
15	4	4	4		514008	Capscrew, Soc. Hd. (J. Deere)			
-	4	4	4		509077	Capscrew, Soc. Hd. (Ford)			
16	4	4	4		813484	Lockwasher, Hi-Collar (J. Deere)			
-	4	4	4		604042	Lockwasher, Hi-Collar (Ford)			
17	1	1	1		815279	Adapter, Pulley (Ford)			
-	1	1	1		815443	Adapter, Pulley (J. Deere)			
18	1	1	1		815336	Pulley, Modified (Ford)			



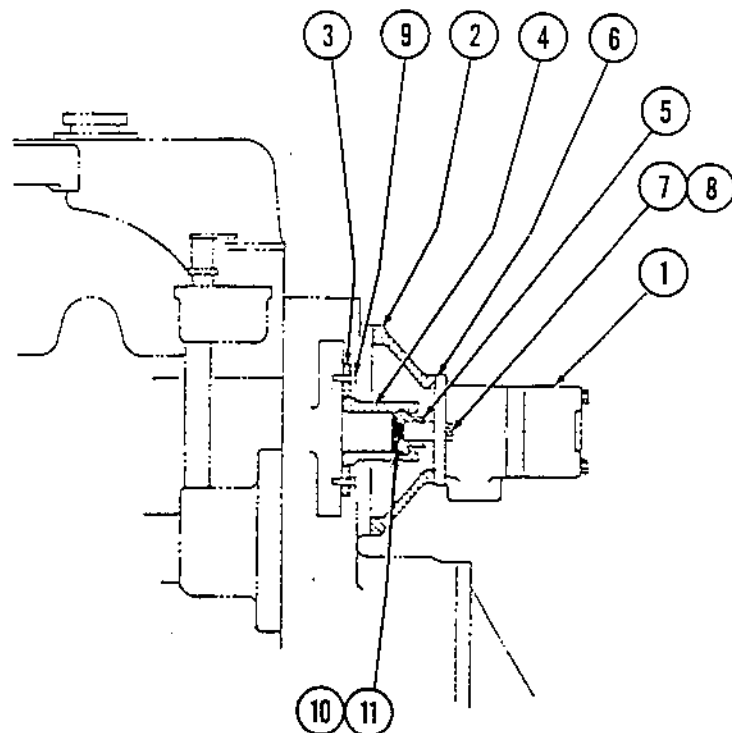
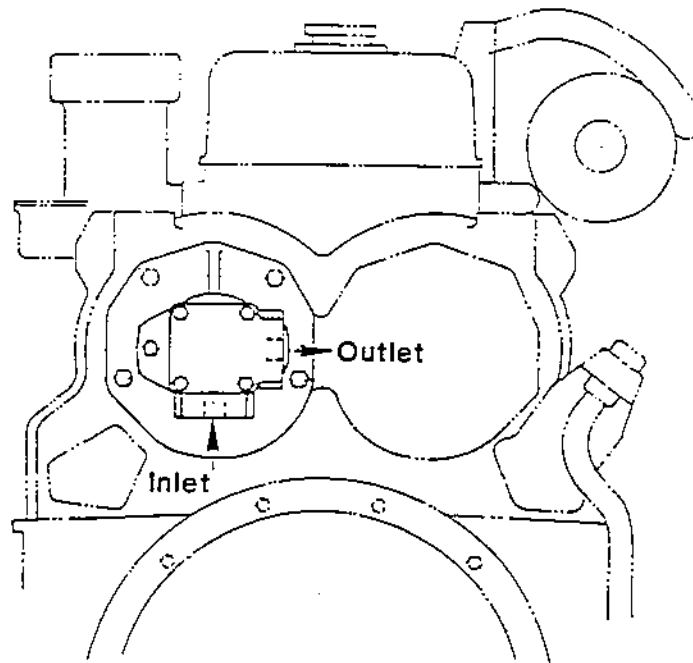
Vibration & Steering Pump

CA15, CA15D, CA15PD
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Page 34		Group 3		Illustration Number PA-15-PL148		Catalog Number PA-15-PL01		Illustration Pump Drive Assy. Strike Off Blade (Detroit Diesel to S/N 469)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 PDB								
1	1				893269	Assembly, Hyd. Pump			
2	1				892714	Adapter, Pump			
3	1				892724	Disc, Pump Drive			
4	1				892717	Coupling, Pump Drive			
5	1				892715	Sprocket, Pump Drive			
6	1				815326	Gasket			
7	2				911102	Capscrew, HH			
8	2				911293	Lockwasher			
9	4				892719	Capscrew, HH			
10	3				600006	Washer, Flat			
11	1				635015	Pin, Roll			



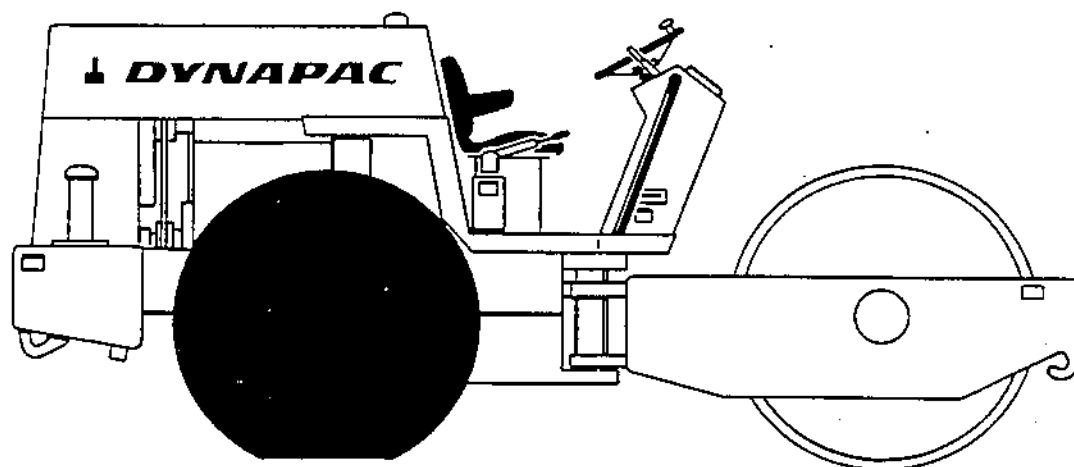


TRANSMISSION (To S/N 2079)

Wheel	2
Axle and Motor Assembly	4
Brake and Planetary Assembly	6-8
Differential and Axle Assembly	10-12
Two Speed Gear Box	14

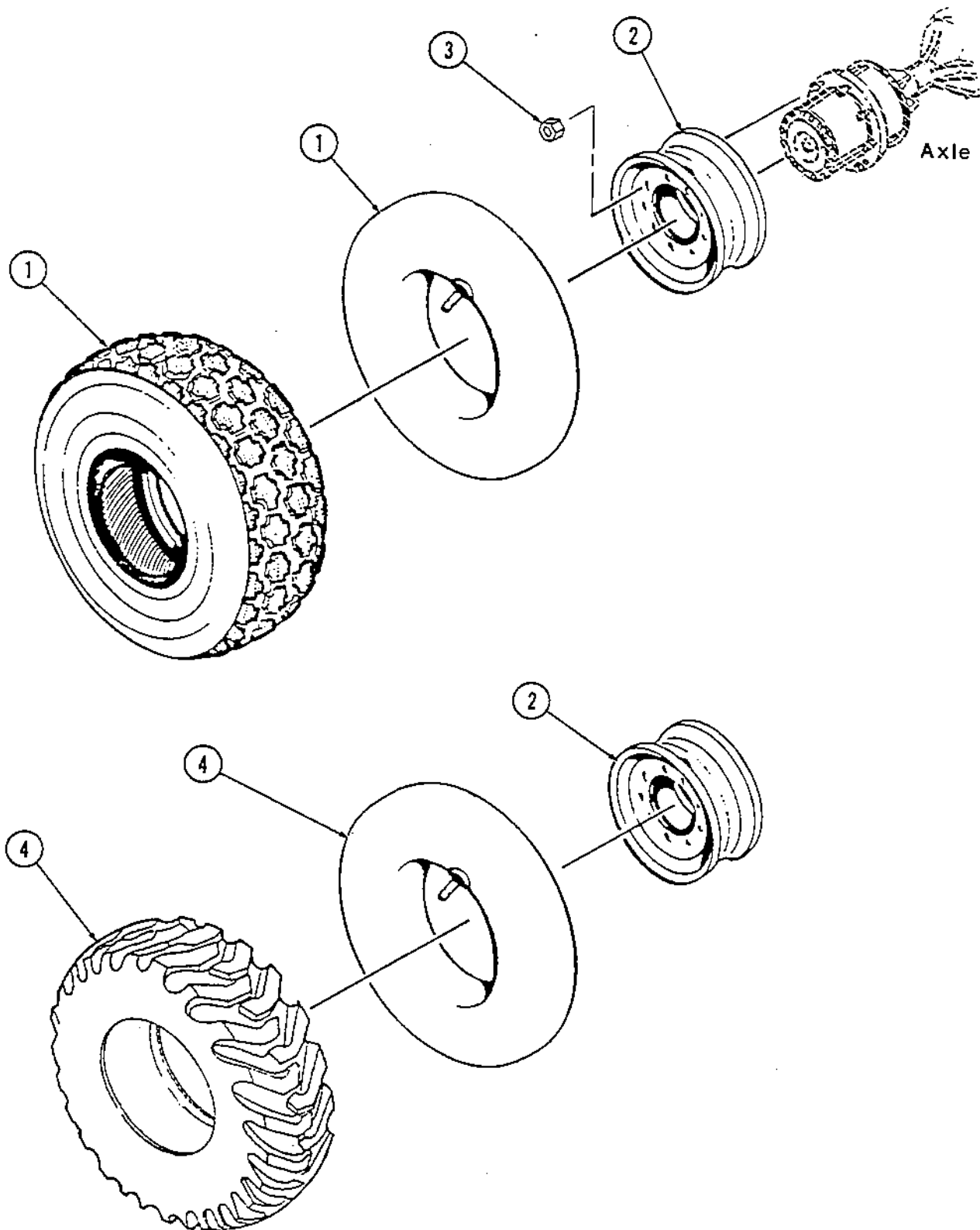
TRANSMISSION (From S/N 2080 & Up)

Wheel	16
Axle and Motor Assembly	18
Brake Assembly	20
Planetary Assembly	22
Differential Assembly	24



Page 2		Group 4		Illustration Number PA-15-PL163		Catalog Number PA-15-PL01		Illustration Wheel (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	2	2			401028	Assy., Traction Tire & Tube			
2	2	2	2		815072	Rim, Wheel			
3	16	16	16		813694	Nut, Wheel			
4	-	-	2		893316	Assy., Cleated Tire & Tube			

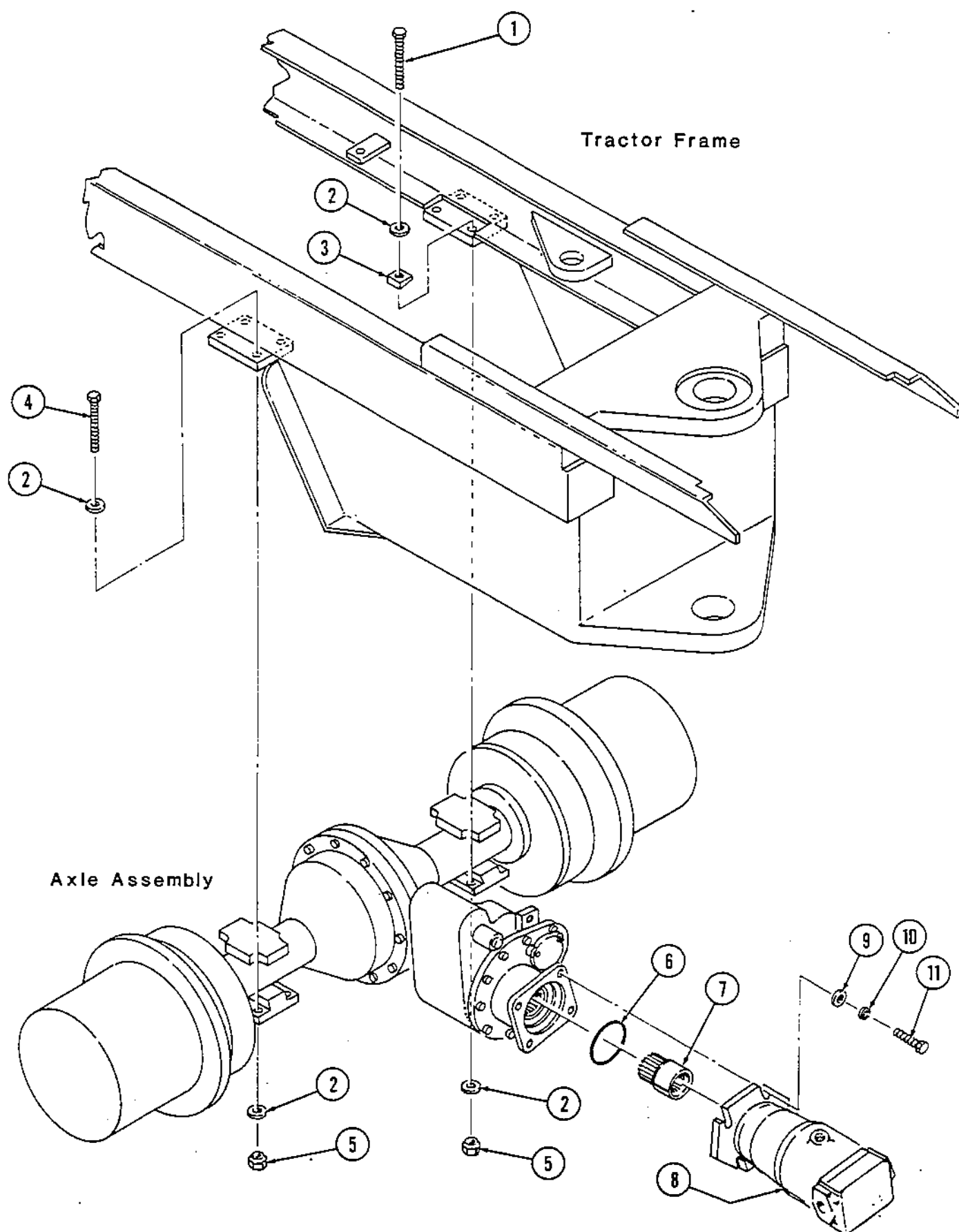
Group 4



Page		Group		Illustration Number	Catalog Number	Illustration	
4		4		PA-15-PL185	PA-15-PL01	Axle & Motor Assembly (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		347854	Axle Assembly (See Page 6 Group 4)	To S/N 1026 To S/N 1026 See Note 1
1	4	4	4		502164	Capscrew, HH	
2	16	16	16		615033	Washer, QT	
3	4	4	4		605009	Washer, Bevel	
4	8	8	8		502276	Capscrew, HH	
5	8	8	8		586050	Locknut, Heavy	
6	1	1	1		813478	O-Ring	
7	1	1	1		815074	Adapter, Sleeve	
8	1	1	1		335557	Traction Motor, Axle (See Group 5)	
9	4	4	4		335545	Washer, Special	
10	4	4	4		604030	Lockwasher	
11	4	4	4		502059	Capscrew, HH	

NOTE 1: Qty. of 4 used to S/N 1026

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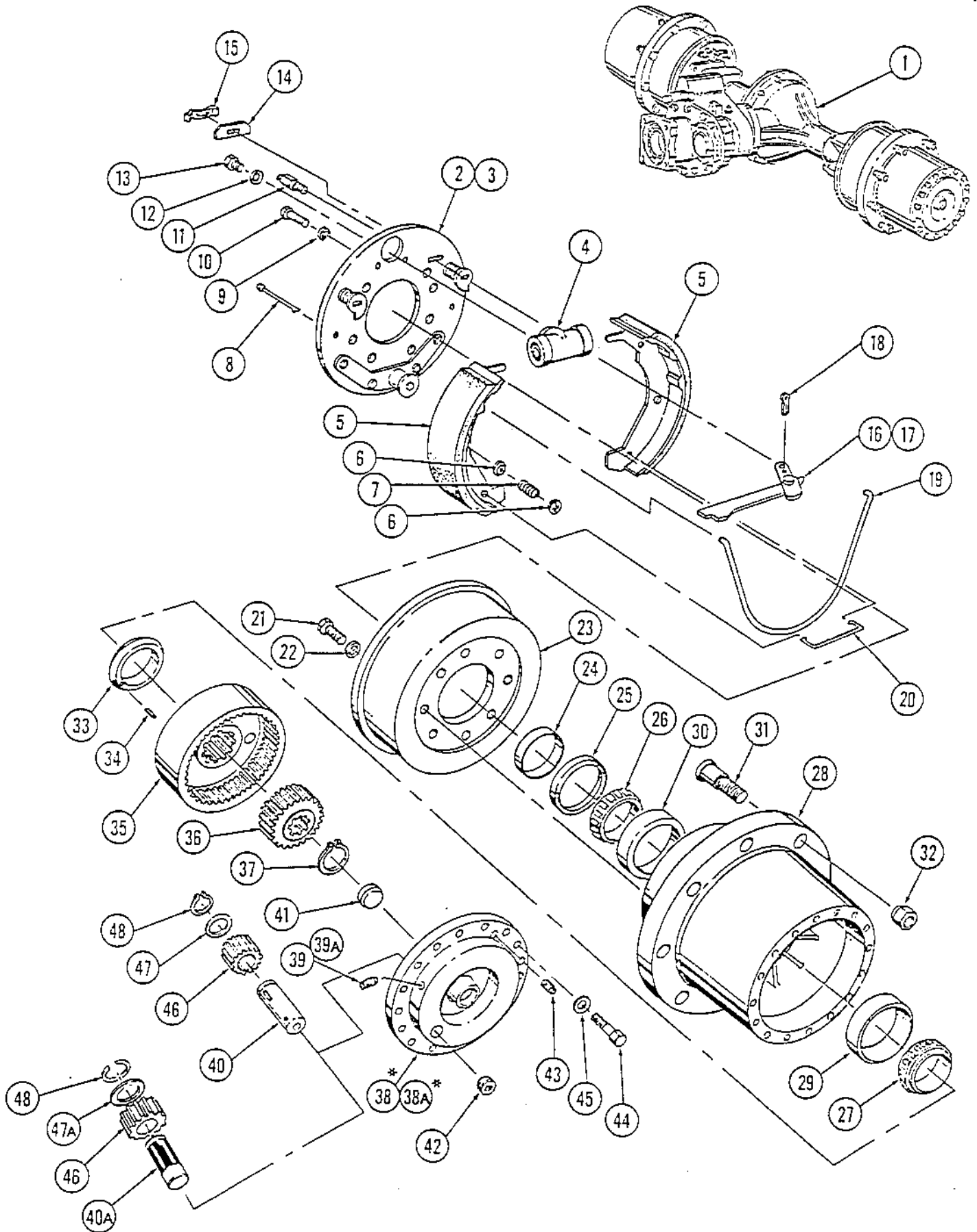


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PA-15-PL185

Page		Group		Illustration Number	Catalog Number	Illustration	
6		4		PA-15-PL105	PA-15-PL01	Axle Assembly Brake & Planetary Assembly (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	1	1	1		347854	Axle Assy., (From s/n 1926 & Up)	See Note
-	1	1	1		801659	Axle Assy., (From S/N 1027 to 1925)	
-	1	1	1		NSS	Axle Assy., (To S/N 1026)	
2	1	1	1		416096	Backing Plate, L.H. (Shown)	
3	1	1	1		416095	Backing Plate R.H.	
4	2	2	2		416098	Wheel Cylinder Assy.	
5	4	4	4		416097	Shoe Brake (with Lining)	
6	8	8	8		416144	Retainer, Anti Rattle Rod	
7	4	4	4		416163	Spring, Anti Rattle Rod	
8	4	4	4		416143	Rod, Anti Rattle	
9	4	4	4		814041	Lockwasher, Wheel Cylinder	
10	4	4	4		814036	Capscrew, Wheel Cylinder	
11	2	2	2		416121	Bleeder Screw, Wheel Cylinder	
12	2	2	2		813984	Gasket, Inlet Connection	
13	2	2	2		416142	Inlet Connection, Cylinder	
14	2	2	2		416160	Cover, Control Lever	
15	2	2	2		416138	Spring, Lever Cover	
16	1	1	1		* 416188	Link, Brake Control, L.H.	
17	1	1	1		416182	Link, Brake Control R.H.	
18	2	2	2		893494	Cotter Pin, Lever Cover	
19	2	2	2		416139	Spring, Brake Shoe Return	
20	2	2	2		416137	Spring, Brake Shoe Retaining	
21	16	16	16		416114	Bolt, Brake Drum to Hub	
22	16	16	16		416223	Washer, Brake Drum to Hub	
23	2	2	2		416187	Drum, Brake	
24	2	2	2		416118	Wear Sleeve, Oil Seal	
25	2	2	2		891066	Oil Seal, Hub Bearing	
26	2	2	2		416178	Cone, Hub Bearing Inner	
27	2	2	2		416177	Cone, Hub Bearing Outer	
* MISPRINT - s/b 416183							

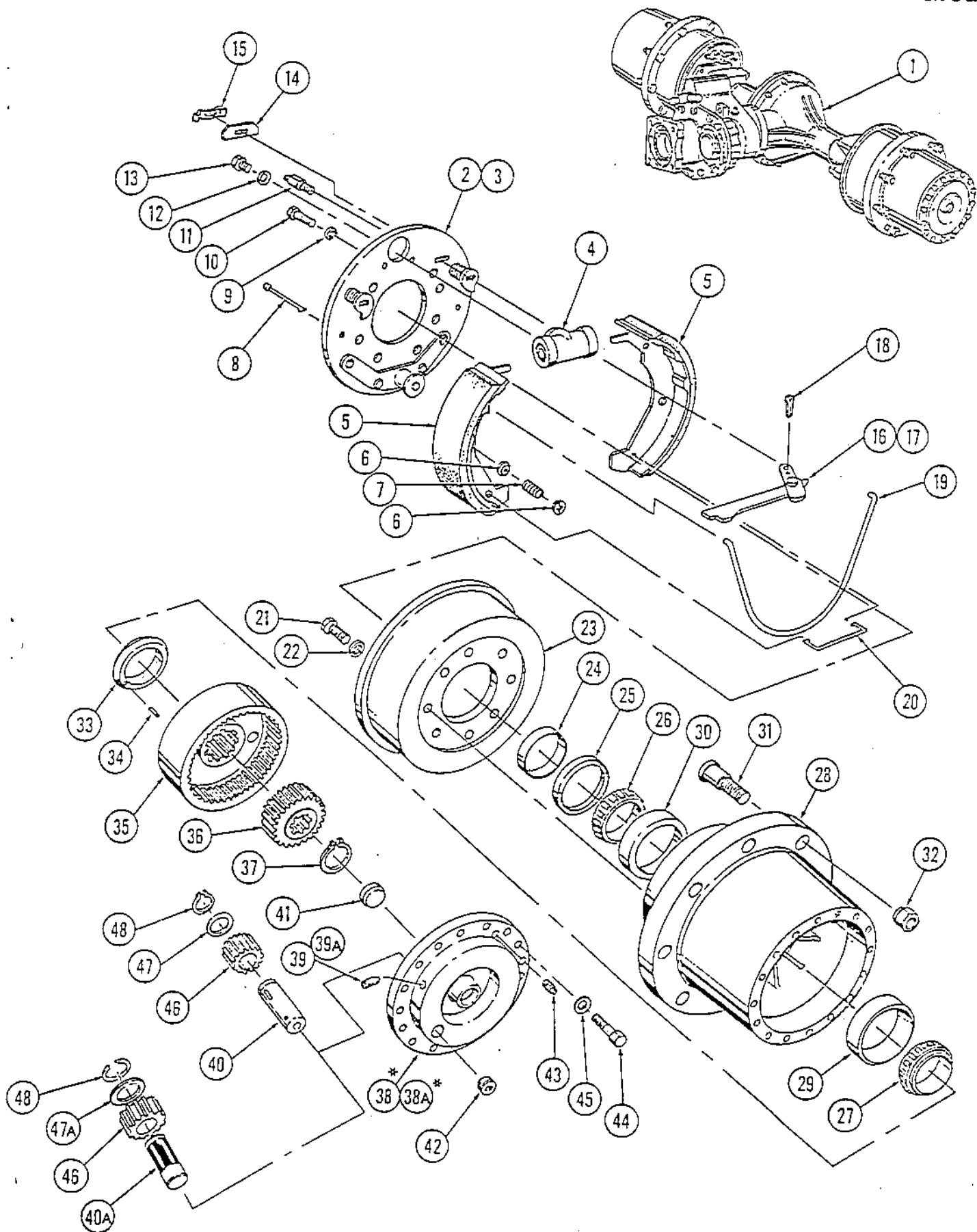
NOTE: For Axle Assembly to S/N 1026 replacement, consult the manufacturer's Parts Department.

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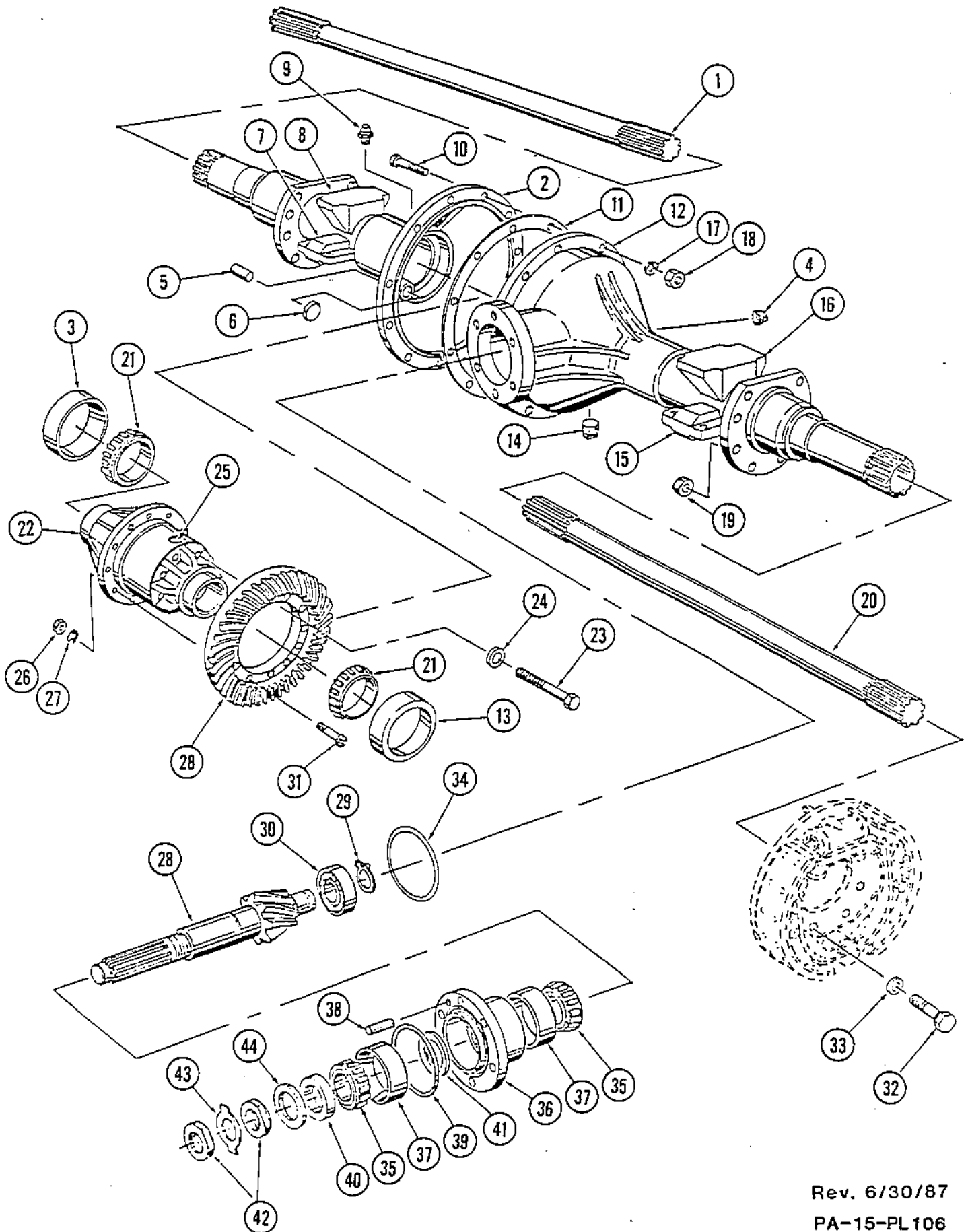


Page		Group		Illustration Number	Catalog Number	Illustration	
8		4		PA-15-PL105	PA-15-PL01	Axle Assembly Brake & Planetary Assembly (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
28	2	2	2		416116	Hub, Wheel	See Note
29	2	2	2		416179	Cup, Hub Bearing Outer	
30	2	2	2		416179	Cup, Hub Bearing Inner	
31	16	16	16		813939	Stud, Wheel	
32	16	16	16		813694	Nut, Wheel	
33	2	2	2		891068	Nut, Hub Bearing Adjusting	
34	2	2	2		416148	Pin, Hub Bearing Adj. Nut	
35	2	2	2		416192	Gear, Planetary Ring	
36	2	2	2		814000	Gear, Planetary Sun	
37	2	2	2		813966	Snap Ring, Axle Shaft	
38	2	2	2		416175	Spider Assy., Planetary	
38A	2	2	2		923803	Spider Assy., Planetary	
39	3	3	3		814037	Setscrew, Planetary Pinion Shaft	
39A	3	3	3		922999	Setscrew, Planetary Pinion Shaft	
40	3	3	3		813997	Shaft, Planetary Pinion	
40A	3	3	3		923804	Shaft, Planetary Pinion	
41	1	1	1		416151	Button, Axle Shaft Thrust	
42	2	2	2		814034	Plug, Planetary Spider Filler	
43	2	2	2		814033	Plug, Planetary Spider Drain	
44	32	32	32		416165	Capscrew, Planetary Spider to Hub	
45	32	32	32		416126	Washer, Planetary Spider to Hub	
46	6	6	6		813998	Pinion, Planetary	
47	6	6	6		813961	Washer, Planetary Pinion Thrust	
47A	3	3	3		923805	Washer, Planetary Pinion Thrust	
48	6	6	6		813967	Snap Ring, Planetary Pinion Shaft	

NOTE: If item 40 (Planetary Pinion Shaft) has a black nylon coating, then use the "A" items listed above. The vendor tag on the Axle should read, PRTA-134-FSH116.



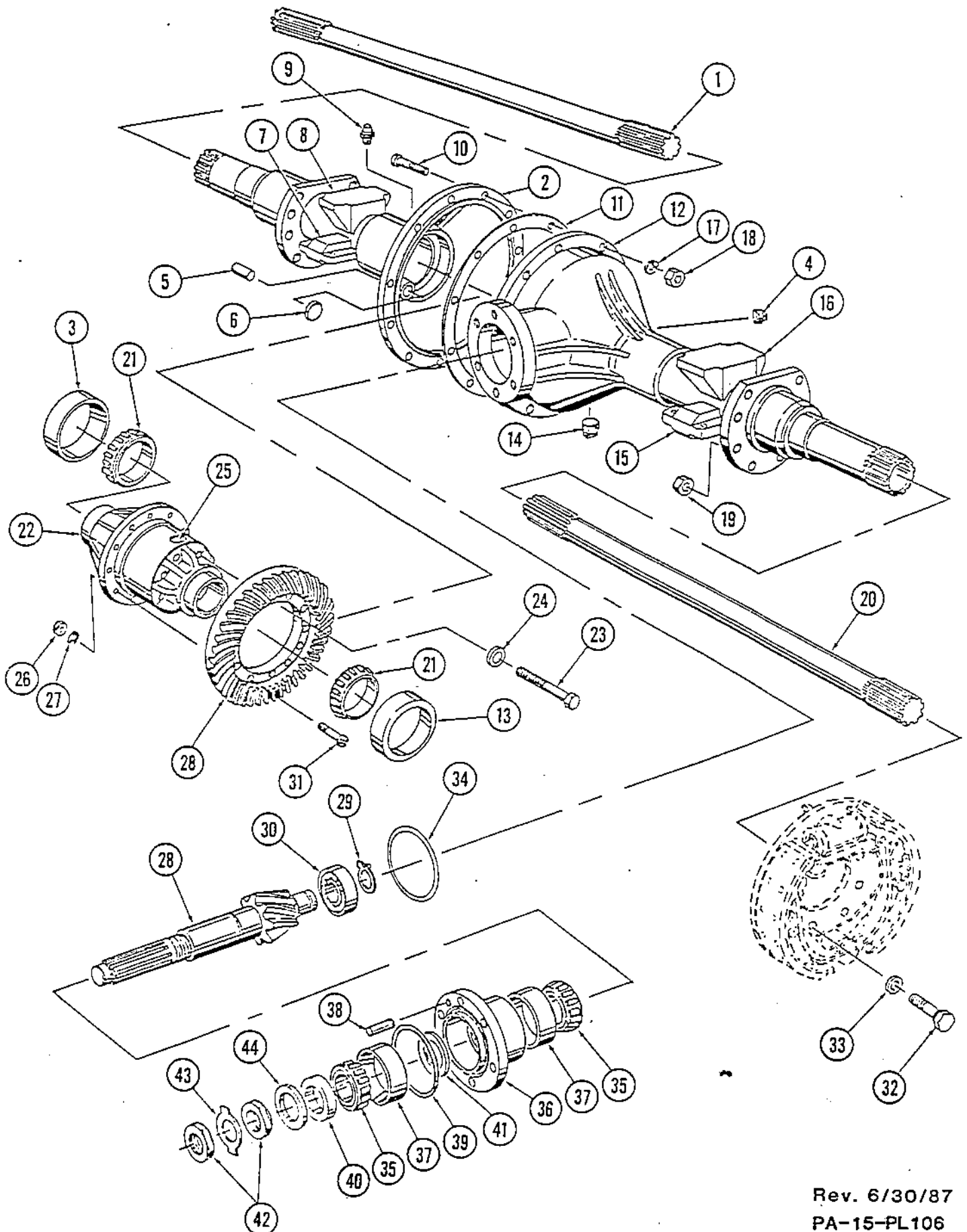
Page		Group		Illustration Number	Catalog Number	Illustration	
10		4		PA-15-PL106	PA-15-PL01	Axle Assembly (Differential & Axle Assy. To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	1	1	1		416168	Shaft, Axle Long	From S/N 1330, 1334 & Up From S/N 1027, to 1329, 1331 to 1333 Up to S/N 1026
2	1	1	1		911398	Carrier Cover & Tube Assy.	
-	1	1	1		910224	Carrier Cover & Tube Assy.	
-	1	1	1		910221	Carrier Cover & Tube Assy.	
3	1	1	1		814002	Cup, Diff. Bearing	
4	1	1	1		416108	Plug, Diff. Drain & Filler	
5	1	1	1		416133	Pin, Bevel Gear Thrust Block	
6	1	1	1		416158	Thrust Block, Bevel Drive Gear	
7	1	1	1		416189	Seat, Lower Spring	
8	1	1	1		416188	Seat, Upper Spring	
9	1	1	1		423054	Breather, Axle Housing	
10	11	11	11		911702	Bolt, Diff. Carrier Flange	
11	1	1	1		416154	Gasket, Diff. Carrier Flange	From S/N 1330, 1334 & Up From S/N 1027 to 1329, 1331 to 1333 Up to S/N 1026
12	1	1	1		911399	Carrier & Tube Assy.	
-	1	1	1		910222	Carrier & Tube Assy.	
-	1	1	1		910219	Carrier & Tube Assy.	
13	1	1	1		814002	Cup, Diff. Bearing	
14	1	1	1		416108	Plug, Diff. & Filler	
15	1	1	1		416189	Seat, Lower Spring	
16	1	1	1		416188	Seat, Upper Spring	
17	11	11	11		416126	Lockwasher, Diff. Carrier Flange	
18	11	11	11		814032	Nut, Diff. Carrier Flange	
19	16	16	16		416106	Nut, Spindle to Backing Plate	
20	1	1	1		416167	Shaft, Axle Short	To S/N 1329, 1331 to 1333
21	2	2	2		416195	Cone, Diff. Bearing	
22	1	1	1		911700	Diff. Case	
23	8	8	8		416223	Washer, Diff. Case	
24	8	8	8		910229	Capscrew, Diff. Case	



Page 12		Group 4		Illustration Number PA-15-PL106		Catalog Number PA-15-PL01		Illustration Axle Assembly (Differential & Axle Assy. To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
25	1	1	1		416405	Diff. Assembly (No Spin)	From S/N 1330, 1334 & Up To S/N 1329 1331 to 1333		
26	12	12	12		814032	Nut, Diff. Case to Bevel Gear			
27	12	12	12		416126	Washer, Diff. Case to Bevel Gear			
28	1	1	1		416222	Gear, Bevel Drive (6.67-1 Ratio)			
29	1	1	1		416130	Lock, Bevel Pinion Rear Brg.			
30	1	1	1		416125	Bearing, Pinion Rear			
31	12	12	12		416136	Bolt, Diff. Case & Bevel Gear			
32	16	16	16		921387	Bolt, Spindle to Backing Plate			
-	16	16	16		814038	Bolt, Spindle to Backing Plate			
33	16	16	16		416224	Washer, Spindle to Back Plate			
34	A/R	A/R	A/R		910787	Liquid Gasket, Bevel Pinion Cage	From S/N 1027 & up To S/N 1026 From S/N 1027 & up To S/N 1026 From S/N 1027 & up To S/N 1026		
35	2	2	2		911701	Cone Bevel Pinion			
-	1	1	1		416099	Cone, Bevel Pinion			
36	1	1	1		911699	Cage, Pinion Brg. & Cup Assy.			
-	1	1	1		416171	Cage, Pinion Brg. & Cup Assy.			
37	2	2	2		910238	Cup, Bevel Pinion			
-	2	2	2		814025	Cup, Bevel Pinion			
38	1	1	1		416132	Dowel, Pinion Brg. Cage			
39	A/R	A/R	A/R		910787	Liquid Gasket, Tube			
40	1	1	1		416131	Sleeve, Bevel Pinion Bearing			
41	A/R	A/R	A/R		911708	Shim, Bevel Pinion Bearing (.445)	From S/N 1027 & up See Note		
-	A/R	A/R	A/R		911709	Shim, Bevel Pinion Bearing (.475)			
42	2	2	2		416124	Nut, Bevel Pinion Bearing			
43	1	1	1		911705	Lock, Bevel Pinion Brg. Nut			
44	1	1	1		911706	Washer, Bevel Pinion Brg. Nut			

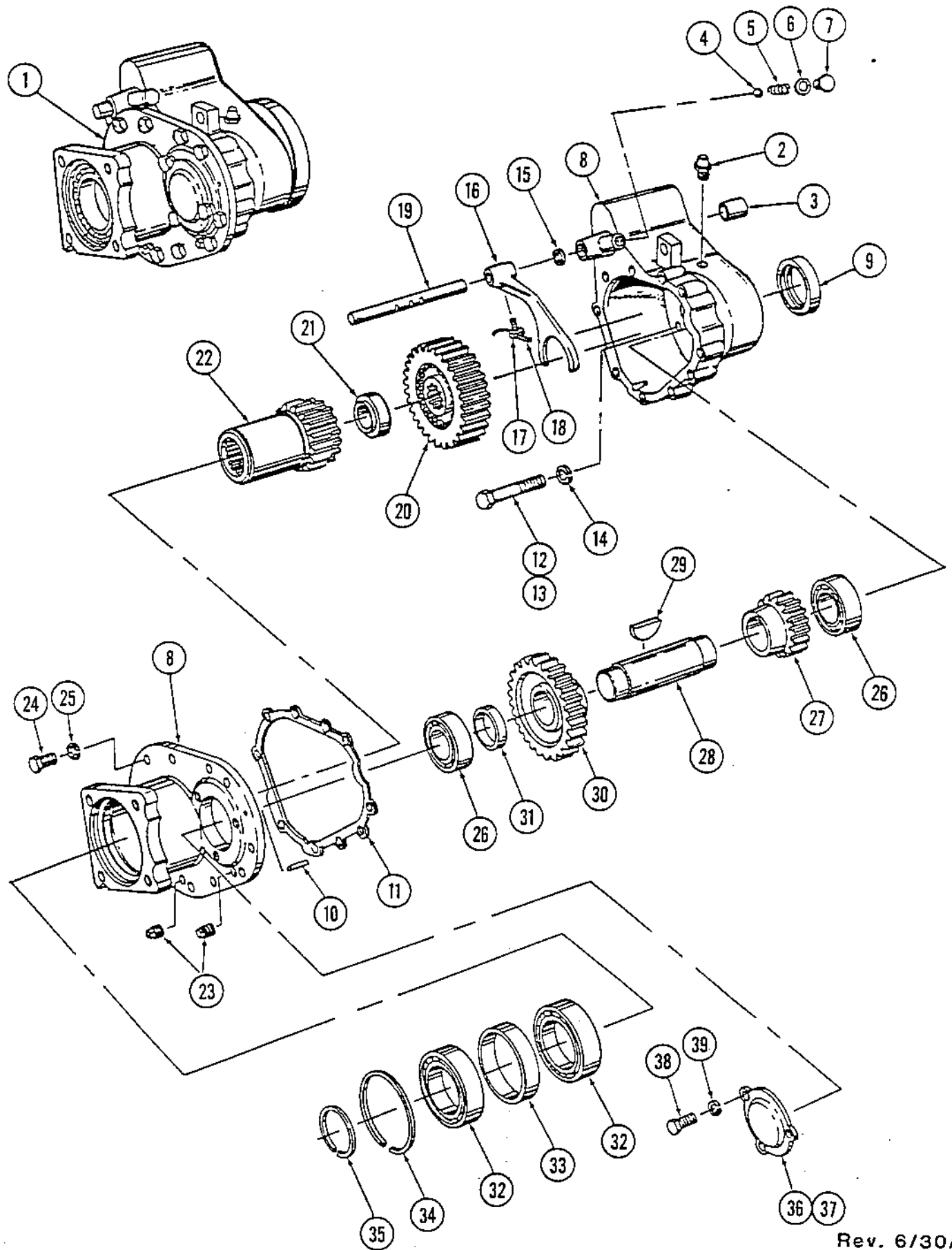
NOTE: For Shims other than those listed specify size needed.

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Page		Group		Illustration Number	Catalog Number	Illustration	
14		4		PA-15-PL107	PA-15-PL01	Axle Assembly (Two Speed Gear Box Assy. To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	1	1	1		891702	2 Speed Gear Box Assembly	From S/N 1926 & up To S/N 1925
2	1	1	1		423054	Breather, Transmission Case	
3	1	1	1		423073	Plug, Shift Shaft Hole	
4	1	1	1		423076	Ball, Shift Shaft Detent	
5	1	1	1		423082	Spring, Shift Shaft Detent	
6	1	1	1		423067	Washer, Shift Shaft Detent	
7	1	1	1		423083	Screw, Shift Shaft Detent	
8	1	1	1		* 927153	Case, Transmission	
-	1	1	1		* 423053	Case, Transmission	
9	1	1	1		910218	Seal, Oil Bevel Pinion	
10	2	2	2		423072	Dowel, Case Cover	From S/N 1926 & up To S/N 1925
11	1	1	1		423077	Gasket, Transm. Case & Cover	
12	5	5	5		423065	Capscrew, Case to Cover	
13	1	1	1		911704	Capscrew, Case to Cover	
14	6	6	6		423064	Lockwasher, Case to Carrier	
15	1	1	1		927152	Seal, Shift Shaft Oil	
-	1	1	1		423056	Seal, Shift Shaft Oil	
16	1	1	1		423081	Fork, Shift Hi/Lo	
17	1	1	1		423079	Setscrew, Shift Fork Lock	
18	1	1	1		423058	Lockwire, Shift Fork Setscrew	
19	1	1	1		423078	Shaft, Shift Hi/Lo	From S/N 1926 & up To S/N 1925
20	1	1	1		423088	Gear, Sliding, Hi/Lo (38T)	
21	1	1	1		423069	Bearing, Bevel Pinion Pilot	
22	1	1	1		927154	Pinion, Input Drive (22T)	
-	1	1	1		423087	Pinion, Input Drive	
23	2	2	2		814033	Plug, Oil Level & Drain	
24	10	10	10		423061	Capscrew, Case to Cover	
25	10	10	10		814041	Lockwasher, Case to Cover	
26	2	2	2		423066	Bearing, Idler Shaft	
-	1	1	1		423553	Assembly, Counter Shaft Gear	
27	1	1	1		NSS	Gear, Lo Speed Idler (21T)	From S/N 1926 & up To S/N 1925
28	1	1	1		423084	Shaft, Idler	
29	2	2	2		NSS	Key, Idler Gear	
30	1	1	1		NSS	Gear, Lo Speed Idler (37T)	
31	1	1	1		423071	Spacer, Idler Shaft Bearing	
32	2	2	2		423070	Bearing, Input Drive Pinion	
33	1	1	1		423068	Spacer, Input Bearing	
34	1	1	1		423074	Snap Ring, Input Bearing Retainer	
35	1	1	1		423075	Snap Ring, Input Drive Pinion Brg.	
36	1	1	1		911710	Cover, Idler Shaft	
37	A/R	A/R	A/R		910787	Liquid Gasket (Tube)	
38	3	3	3		911703	Capscrew, Idler Shaft Cover	
39	3	3	3		911707	Lockwasher, Idler Shaft Cover	

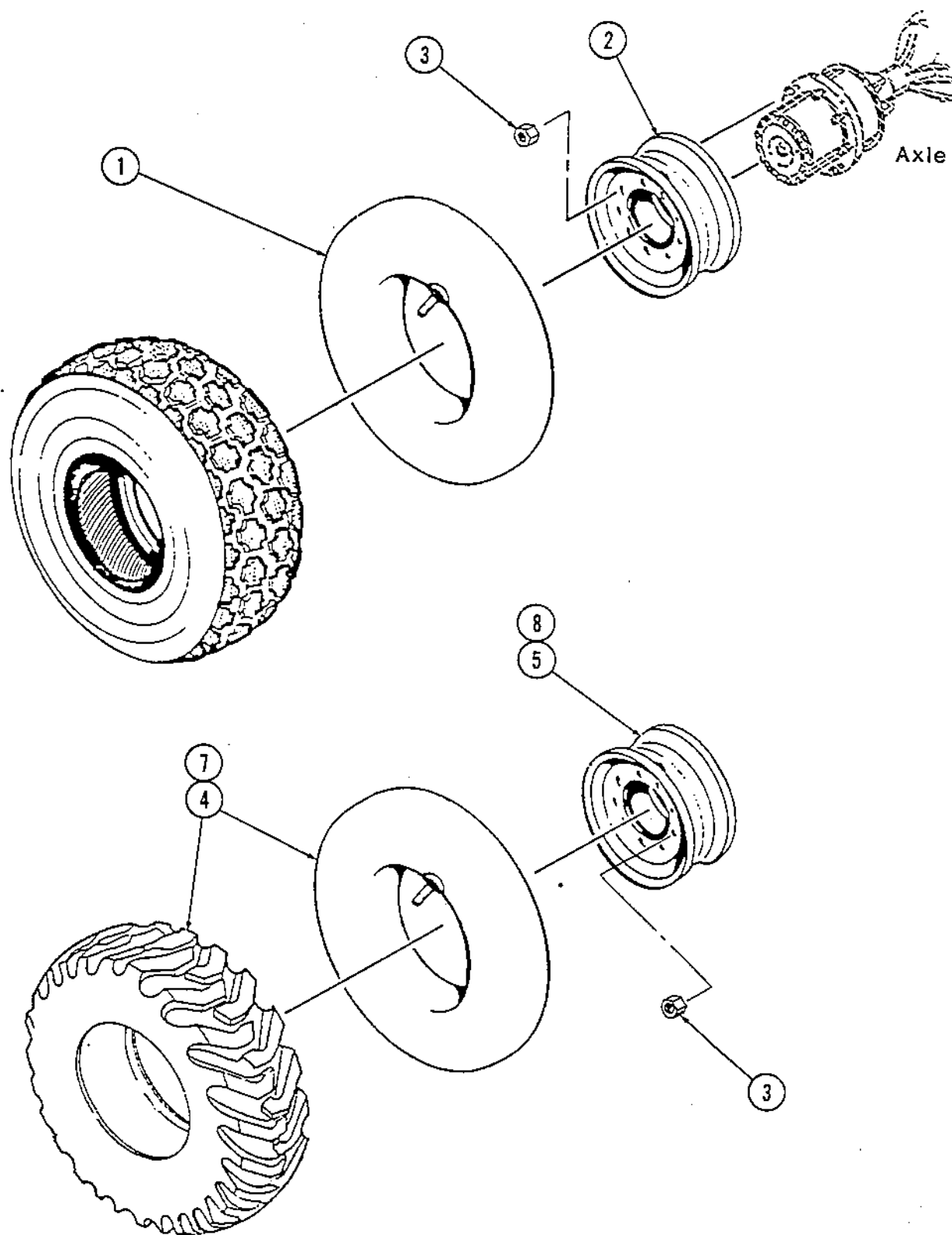
* NOTE: Also includes item 40 on Differential & Axle Assembly



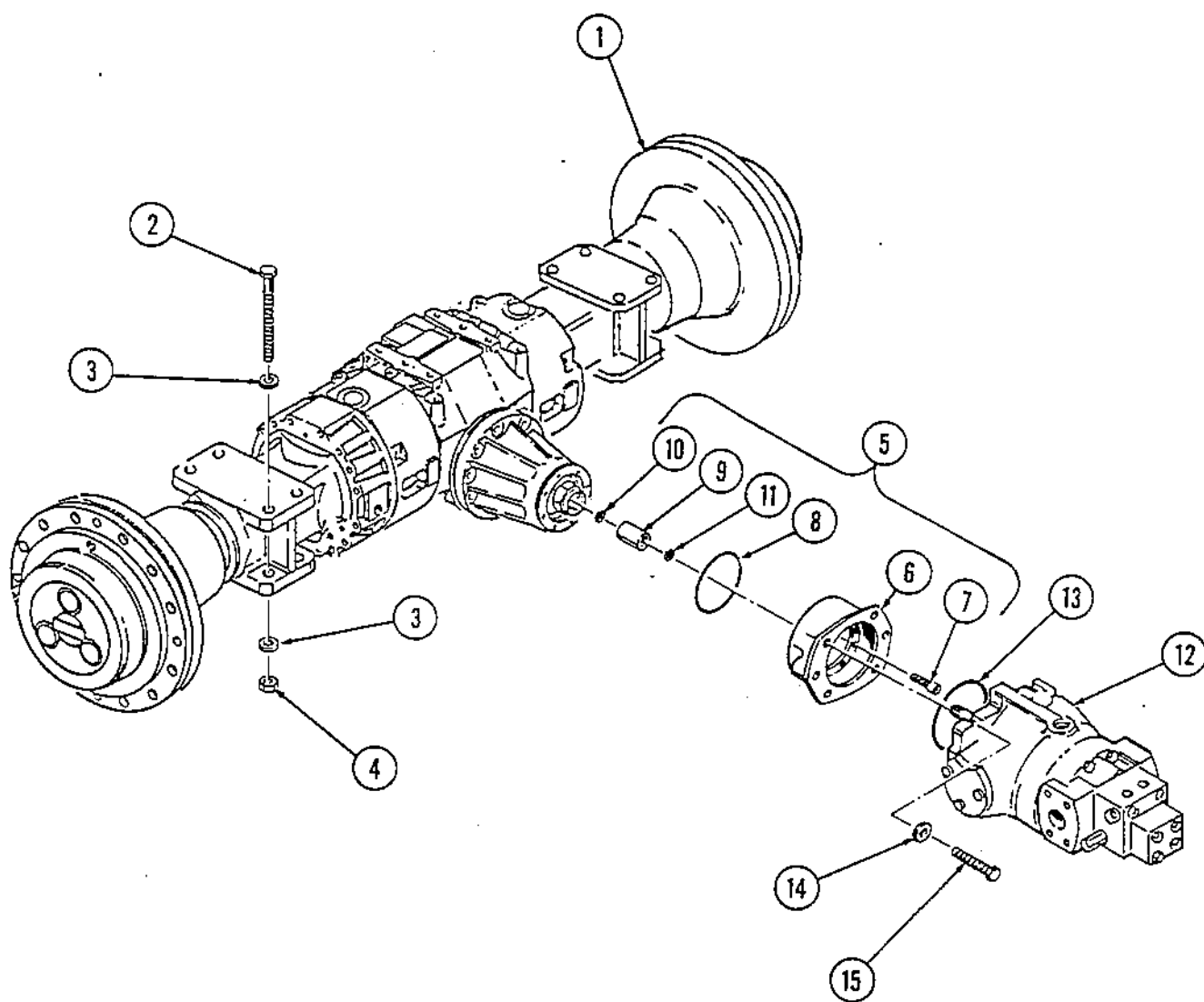
CA15, CA15D, CA15PD
Spare Parts Catalog



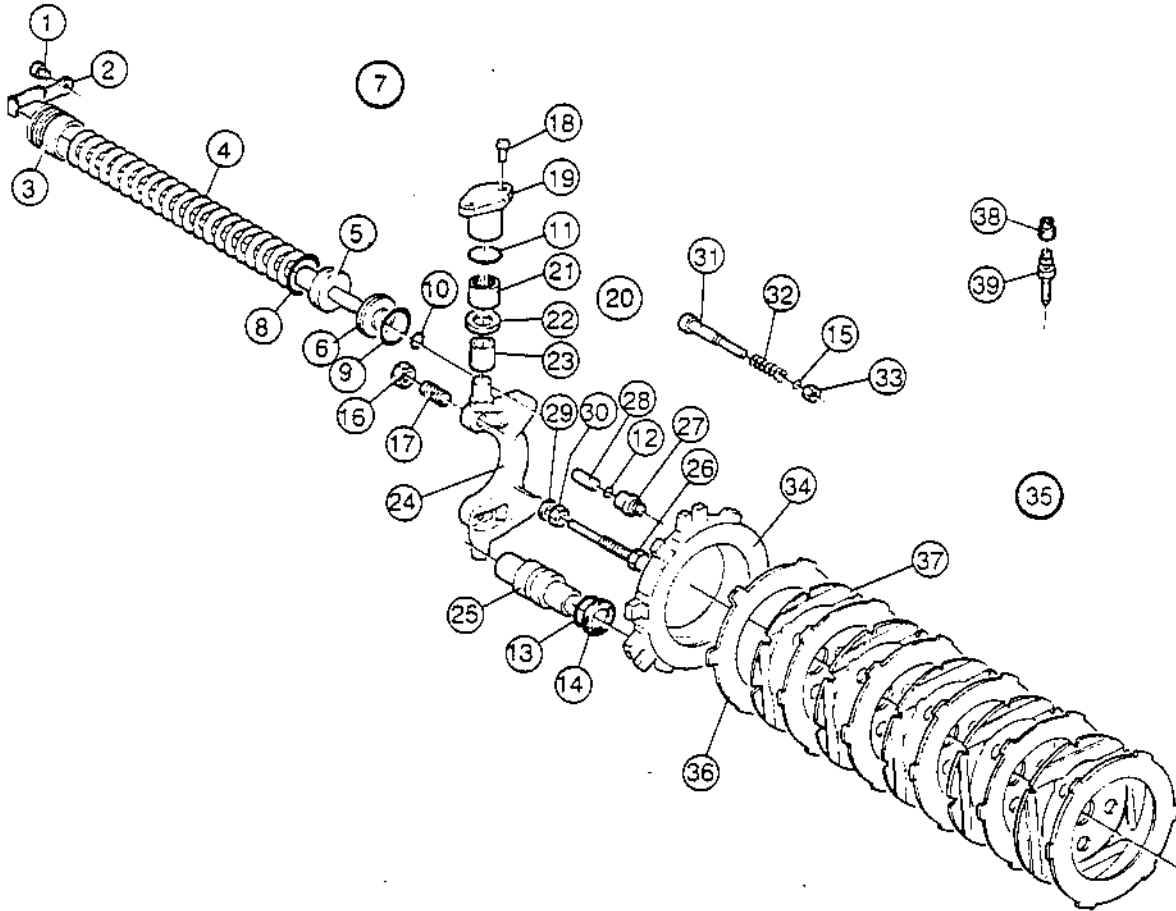
Page		Group		Illustration Number	Catalog Number	Illustration	
16		4		PA-15-PL191	PA-15-PL01	Wheel (From S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
-	2	2			815659	Assy., Traction Tire & Wheel	
1	1	1			900244	Tire & Tube	
2	1	1			815511	Rim, Wheel	
3	24	24	24		926783	Nut, Wheel	
-			1		815524	Assy., Right Side Tire & Wheel (cleated)	
4			1		900410	Assy., Cleated Tire & Tube	
5			1		815511	Rim, Wheel	
-			1		815523	Assy., Left Side Tire & Wheel (cleated)	
6			1		900410	Assy., Cleated Tire & Tube	
7			1		815511	Rim, Wheel	



Page 18		Group 4		Illustration Number PA-15-PL192		Catalog Number PA-15-PL01		Illustration Axle and Motor Assembly (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		348500	Rear Axle Assembly			
2	8	8	8		929217	Screw			
3	16	16	16		600014	Washer			
4	8	8	8		586022	Nut, Locking			
5	1	1	1		348618	Mounting Kit			
6	1	1	1		929713	Flange			
7	8	8	8		929712	Screw			
8	1	1	1		929648	O-Ring			
9	1	1	1		929711	Splined Sleeve			
10	1	1	1		929709	Lock Ring			
11	1	1	1		929710	Lock Ring			
12	1	1	1		348531	Traction Motor, Axle			
13	1	1	1		160157	O-Ring			
14	8	8	8		615045	Washer, Conical Spring			
15	4	4	4		500056	Capscrew, HH			



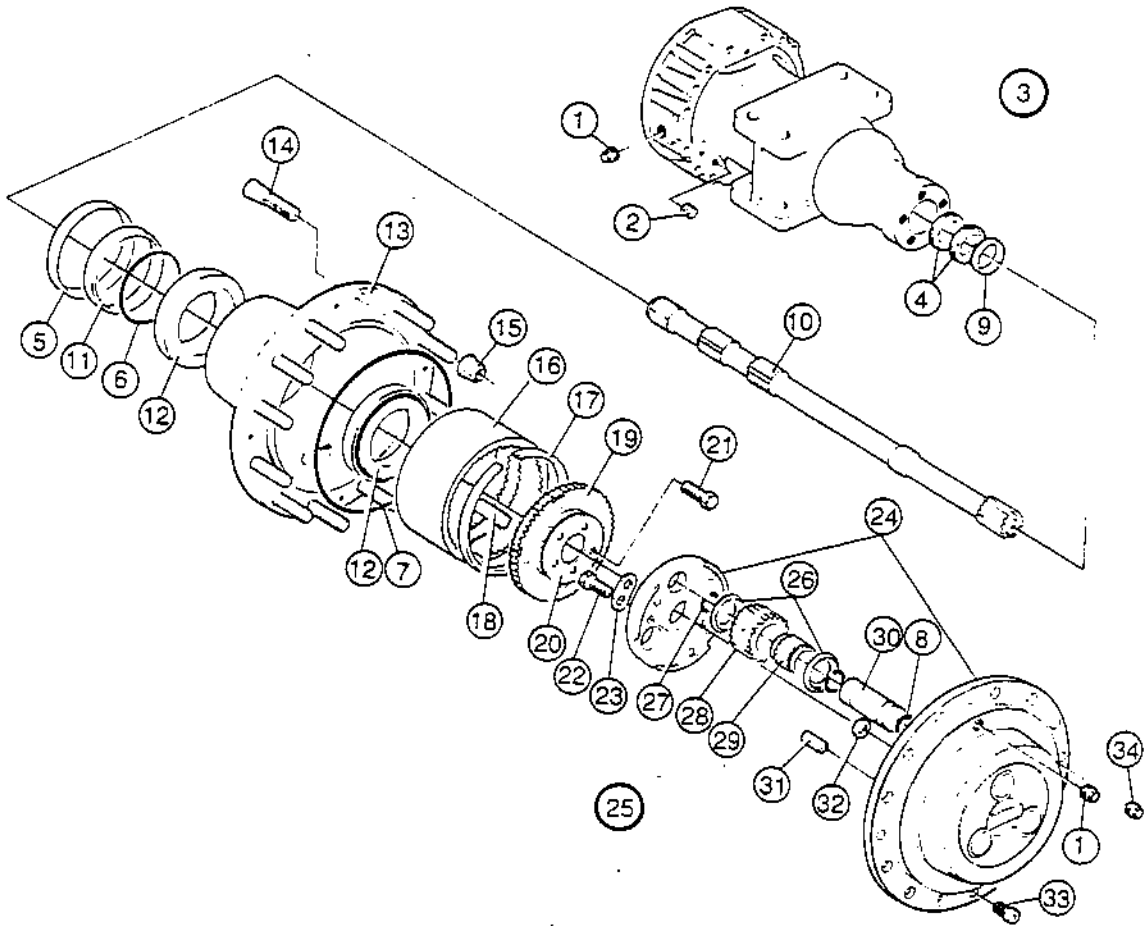
Page		Group		Illustration Number		Catalog Number		Illustration	
20		4		PA-15-PL195		PA-15-PL01		Brake Assembly (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	4	4	4		929708	Screw			
2	4	4	4		929707	Holder			
3	4	4	4		929706	Cylinder			
4	84	84	84		929705	Cup Spring			
5	4	4	4		929678	Piston			
6	4	4	4		929703	Plug			
7	1	1	1		929897	Seal Kit			
8	4	4	4		NSS	O-Ring			
9	4	4	4		NSS	O-Ring			
10	4	4	4		NSS	O-Ring			
11	4	4	4		NSS	O-Ring			
12	4	4	4		NSS	O-Ring			
13	6	6	6		NSS	O-Ring			
14	6	6	6		NSS	Seal			
15	6	6	6		NSS	O-Ring			
16	4	4	4		929701	Nut			
17	4	4	4		929700	Screw			
18	8	8	8		926855	Screw			
19	4	4	4		929680	Bush			
20	4	4	4		929896	Bearing Kit			
21	1	1	1		NSS	Bearing			
22	1	1	1		NSS	Washer			
23	1	1	1		NSS	Inner Race			
24	1	1	1		929699	Brake Lever, Right			
24	1	1	1		929698	Brake Lever, Left			
25	6	6	6		929697	Piston			
26	2	2	2		929694	Screw			
27	4	4	4		929687	Plug			
28	4	4	4		929685	Pusher			
29	2	2	2		926847	Washer			
30	2	2	2		926846	Nut			
31	6	6	6		929693	Screw			
32	6	6	6		929692	Spring			
33	6	6	6		929690	Nut			
34	1	1	1		929689	Brake Disc, Right			
34	2	2	2		929688	Brake Disc, Left			
35	2	2	2		929898	Brake Disc Kit			
36	6	6	6		NSS	Brake Disc			
37	5	5	5		NSS	Brake Disc			
38	2	2	2		926844	Plug			
39	2	2	2		926845	Vent. Screw			



CA15, CA15D, CA15PD
Spare Parts Catalog

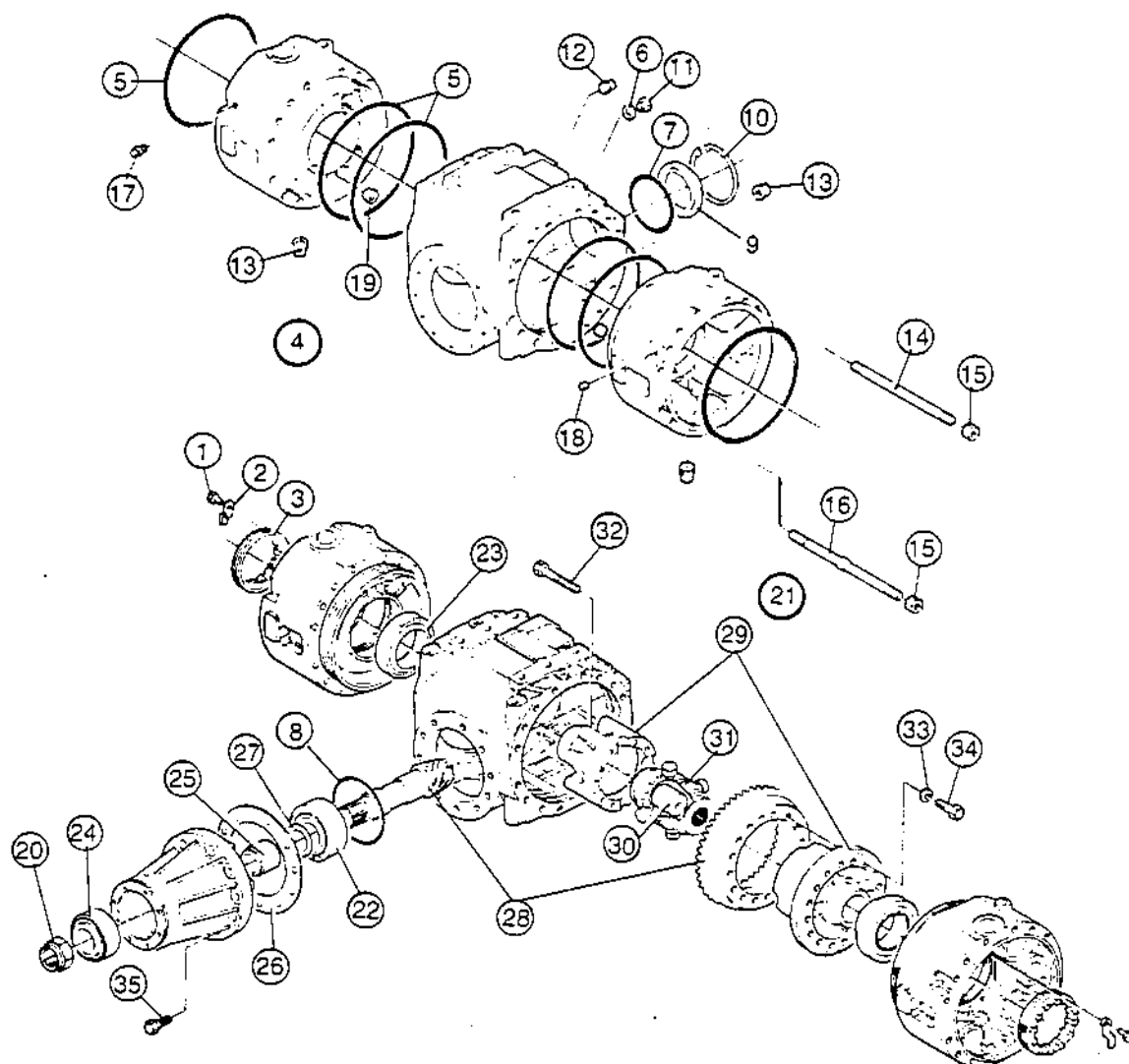


Page		Group		Illustration Number	Catalog Number	Illustration	
22		4		PA-15-PL196	PA-15-PL01	Planetary Gear Assembly (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	4	4	4		926732	Plug	
2	2	2	2		929649	Screw	
3	2	2	2		929894	Seal Kit	
4	2	2	2		NSS	Seal	
5	1	1	1		NSS	Seal	
6	1	1	1		NSS	O-Ring	
7	1	1	1		NSS	O-Ring	
8	3	3	3		NSS	O-Ring	
9	2	2	2		929651	Ring	
10	2	2	2		929655	Shaft	
11	2	2	2		929676	Ring	
12	4	4	4		929674	Bearing	
13	2	2	2		929653	Hub	
14	24	24	24		929652	Stud	
15	24	24	24		926783	Nut	
16	2	2	2		929672	Ring Gear	
17	2	2	2		929671	Snap Ring	
18	10	10	10		929670	Dowel	
19	2	2	2		929669	Ring Gear Support	
20	2	2	2		929668	Locking Plate	
21	10	10	10		929654	Screw	
22	12	12	12		929667	Screw	
23	6	6	6		929666	Washer	
24	2	2	2		929660	Planet Gear Carrier	
25	2	2	2		929895	Planet Gear Kit	
26	6	6	6		NSS	Washer	
27	6	6	6		NSS	Snap Ring	
28	3	3	3		NSS	Gear	
29	3	3	3		NSS	Bearing	
30	3	3	3		NSS	Shaft	
31	6	6	6		929663	Dowel	
32	2	2	2		929662	Spacer	
33	8	8	8		929661	Screw	
34	2	2	2		926729	Magnetic Plug	



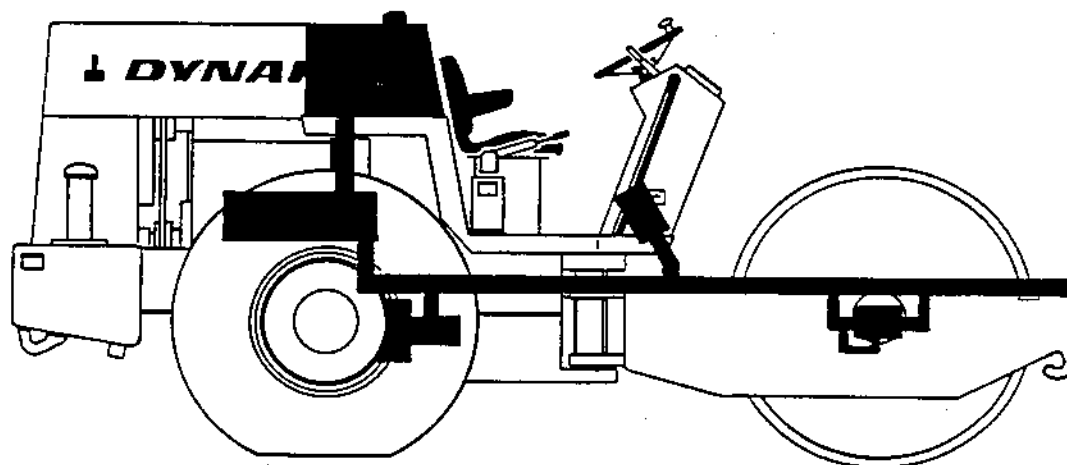
Page		Group		Illustration Number		Catalog Number		Illustration	
24		4		PA-15-PL197		PA-15-PL01		Differential Assembly (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	2	2	2		929622	Screw	See Note		
2	2	2	2		929623	Holder	See Note		
3	2	2	2		929624	Nut	See Note		
4	1	1	1		929893	Seal Kit	See Note		
5	6	6	6		NSS	O-Ring			
6	1	1	1		NSS	Gasket			
7	1	1	1		NSS	O-Ring			
8	1	1	1		NSS	O-Ring			
9	1	1	1		929616	Cover			
10	1	1	1		929617	Lock Ring			
11	1	1	1		929614	Plug			
12	1	1	1		926732	Plug			
13	3	3	3		926729	Magnetic Plug	See Note		
14	28	28	28		929618	Stud	See Note		
15	32	32	32		211733	Nut	See Note		
16	4	4	4		929619	Stud	See Note		
17	1	1	1		926736	Breather			
18	1	1	1		929620	Plug			
19	2	2	2		929621	Plug	See Note		
20	1	1	1		929638	Nut			
21	1	1	1		929892	Bearing Kit	See Note		
22	1	1	1		NSS	Bearing			
23	2	2	2		NSS	Bearing			
24	1	1	1		NSS	Bearing			
25	A/R	A/R	A/R		929632	Spacer			
25	A/R	A/R	A/R		929633	Spacer			
25	A/R	A/R	A/R		929634	Spacer			
25	A/R	A/R	A/R		929635	Spacer			
26	A/R	A/R	A/R		929639	Shim 0.10 mm Or .004" Thick			
26	A/R	A/R	A/R		929640	Shim 0.15 mm Or .006" Thick			
26	A/R	A/R	A/R		929641	Shim 0.25 mm Or .010" Thick			
26	A/R	A/R	A/R		929642	Shim 0.50 mm Or .020" Thick			
27	A/R	A/R	A/R		929643	Shim 0.35 mm Or .014" Thick			
27	A/R	A/R	A/R		929644	Shim 0.40 mm Or .016" Thick			
27	A/R	A/R	A/R		929645	Shim 0.45 mm Or .018" Thick			
27	A/R	A/R	A/R		929646	Shim 0.55 mm Or .022" Thick			
28	1	1	1		929627	Bevel Gear Set			
29	1	1	1		929630	Differential Case			
30	1	1	1		929631	Spacer			
31	1	1	1		929626	No Spin Unit			
32	8	8	8		929625	Screw			
33	12	12	12		929628	Washer			
34	12	12	12		929629	Screw			
35	10	10	10		929636	Screw			

Note: Parts For Left or Right Side



HYDRAULIC SYSTEMS

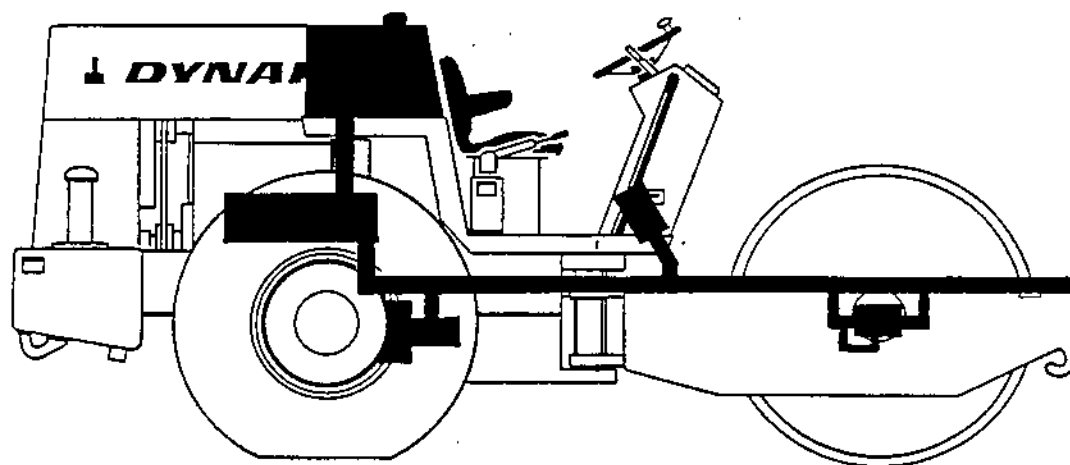
Hydraulic Schematic (S/N 2080 & Up)	2
Hydraulic Schematic (To S/N 2049)	4
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Traction System, Standard (To S/N 2079)	8
Traction System, CA15D, PD, (S/N 2080 & Up)	10
Traction System, CA15D, PD, (S/N 741 to 2079)	12
Traction System, CA15D, PD, (To S/N 740)	14
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Control Valve Assembly (S/N 2080 & Up)	22
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Traction Motor, Drum (To S/N 440)	44





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Steering Valve, Tag 211-1039	62
Steering Cylinder	64
Strike-Off Blade System (To S/N 469)	66
Strike-Off Blade System (S/N 470 & Up)	68
Strike-Off Blade Control Valve	70
Strike-Off Blade Cylinder	72
Hydraulic Oil Filter (S/N 2080 & Up)	74
Hydraulic Oil Filter (To S/N 2079)	76
Brake System, Hydraulic (S/N 2080 & Up)	78

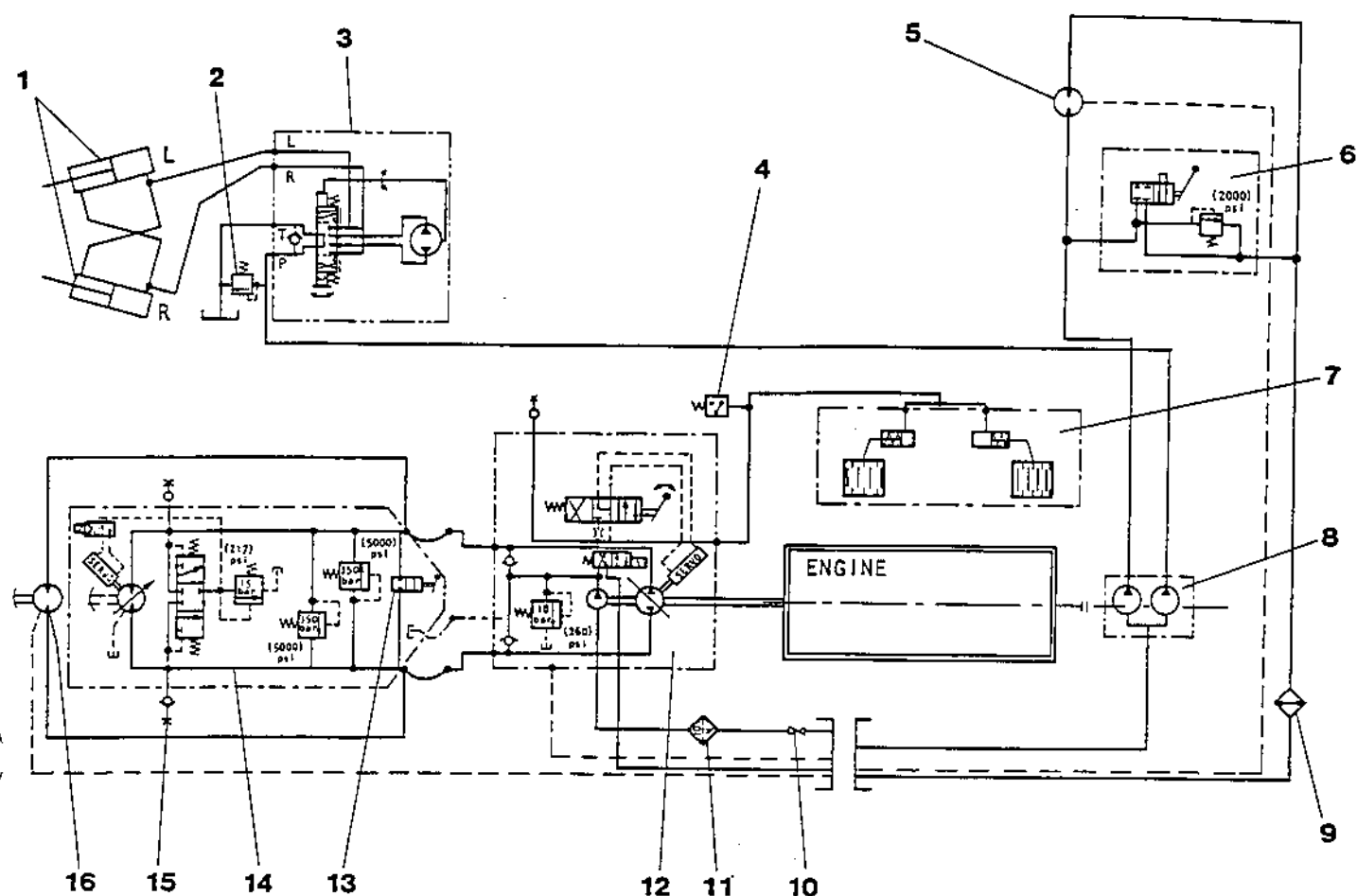


Spare Parts Catalog



Page 2		Group 5			Illustration Number PA-15-PL194	Catalog Number PA-15-PL01	Illustration Hydraulic Schematic (S/N 2080 & Up)			
Ref. No.	Quantity/Model				Part Number	Description	Serial Number			
	CA									
	15	15 D	15 PD	15 PDB						

HYDRAULIC SYSTEM



Hydraulic System, CA15, D, PD, CA20, D

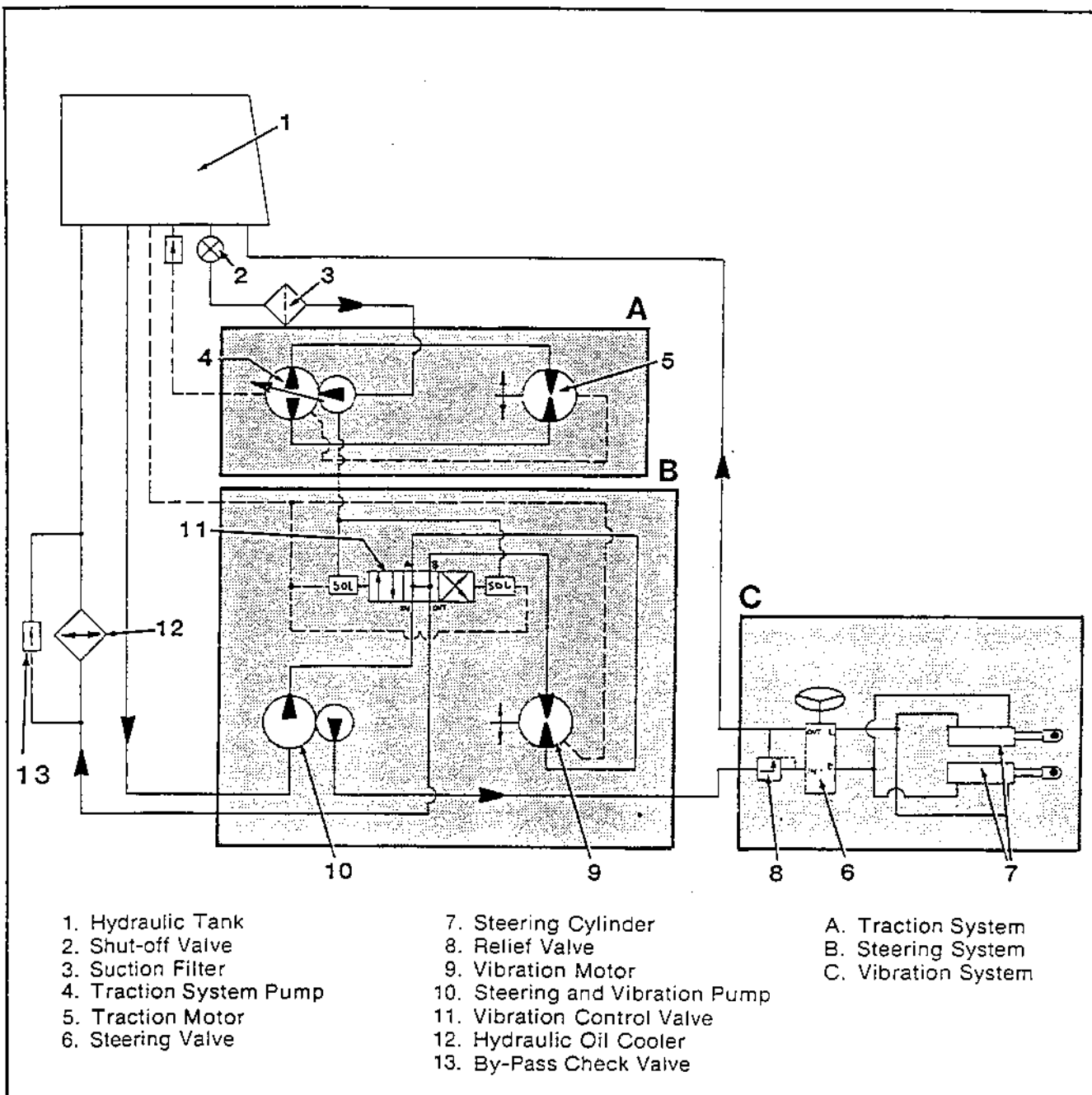
- | | |
|---------------------------------------|--|
| 1 Steering Cylinders | 9 Hydraulic oil cooler |
| 2 Relief Valve, steering system | 10 Shut-off Valve |
| 3 Steering Valve | 11 Suction Filter, Charge circuit |
| 4 Brake Pressure Switch | 12 Traction Pump |
| 5 Vibration Motor | 13 Bypass Valve |
| 6 Vibration Valve | 14 Traction Motor, Axle |
| 7 Failsafe Brakes | 15 Pressure Measurement Test Port |
| 8 Duplex Pump, Steering and Vibration | 16 Traction Motor, Drum
(D, PD machines only) |

Page 4		Group 5		Illustration Number PA-15-PL176		Catalog Number PA-15-PL01		Illustration Hydraulic Schematic (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD	15 PDB					

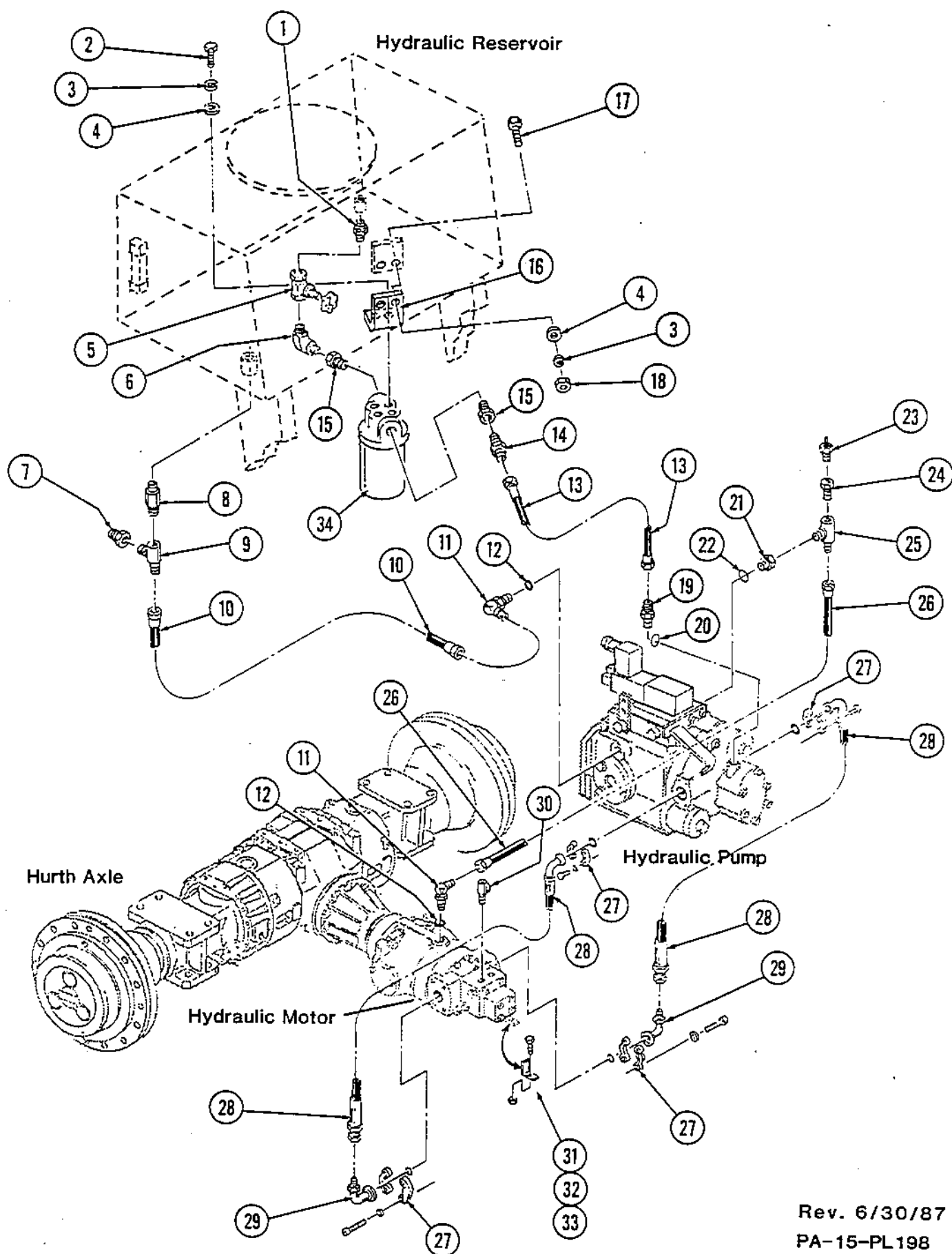
Hydraulic Systems

The roller hydraulic system can be divided into three systems:

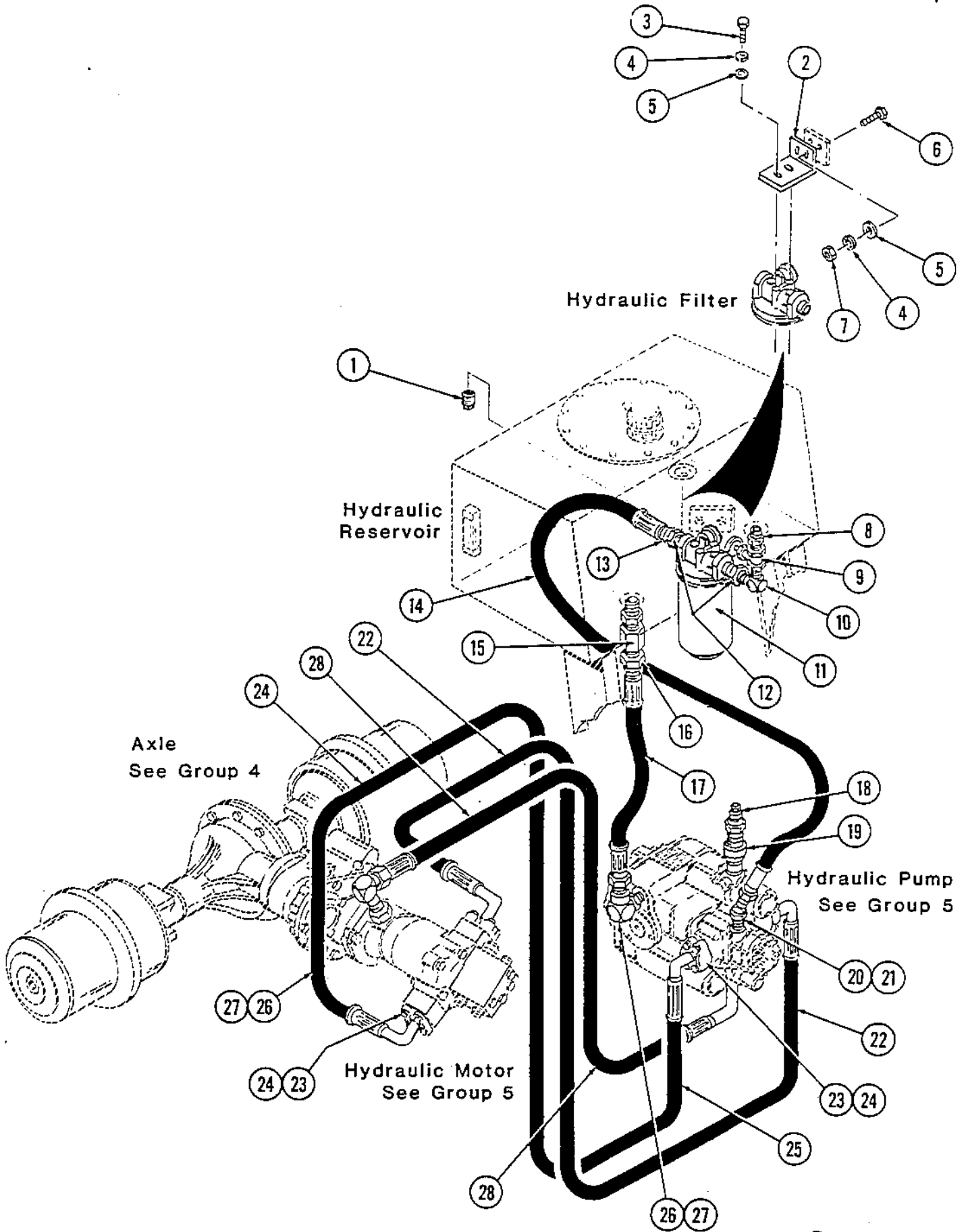
- Traction System
- Steering System
- Vibration System



Page		Group			Illustration Number	Catalog Number	Illustration	
6		5			PA-15-PL198	PA-15-PL01	Traction System, Standard (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15							
1	1				813738	Adapter		
2	2				502018	Capscrew, HH		
3	4				604027	Lockwasher		
4	4				600006	Washer, Flat		
5	1				813451	Valve, Gate		
6	1				234395	Elbow, 90°		
7	1				234667	Adapter, Reducing		
8	1				814250	Valve, Check		
9	1				923196	Adapter, Tee		
10	1				482182	Hose Assy., Pump to Tank Return		
11	2				334604	Adapter, 90°		
12	1				160144	O-Ring		
13	1				815649	Hose Assy., Hyd. Filter to Pump		
14	1				334157	Adapter		
15	2				813449	Adapter		
16	1				825265	Bracket, Filter		
17	2				502016	Capscrew, HH		
18	2				571002	Hex Nut		
19	1				334158	Adapter		
20	1				160144	O-Ring		
21	1				892276	Adapter		
22	1				160144	O-Ring		
23	1				989078	Sender, Hyd. Oil Temperature		
24	1				813434	Bushing		
25	1				900457	Adapter, Tee		
26	1				482318	Hose Assy., Motor to Pump Return		
27	4				332073	Kit, Flange		
-	4				502036	Capscrew, HH		
-	4				604006	Lockwasher		
-	1				813429	O-Ring		
28	2				482058	Hose Assy., Pump to Axle Motor		
29	2				234855	Adapter, 90°		
30	2				910162	Nipple, Measuring		
31	1				500040	Capscrew, HH		
32	1				338895	Bar, Angle		
33	1				586002	Locknut		
34	1				337528	Filter Assy., Hydraulic (see pg. 74)		

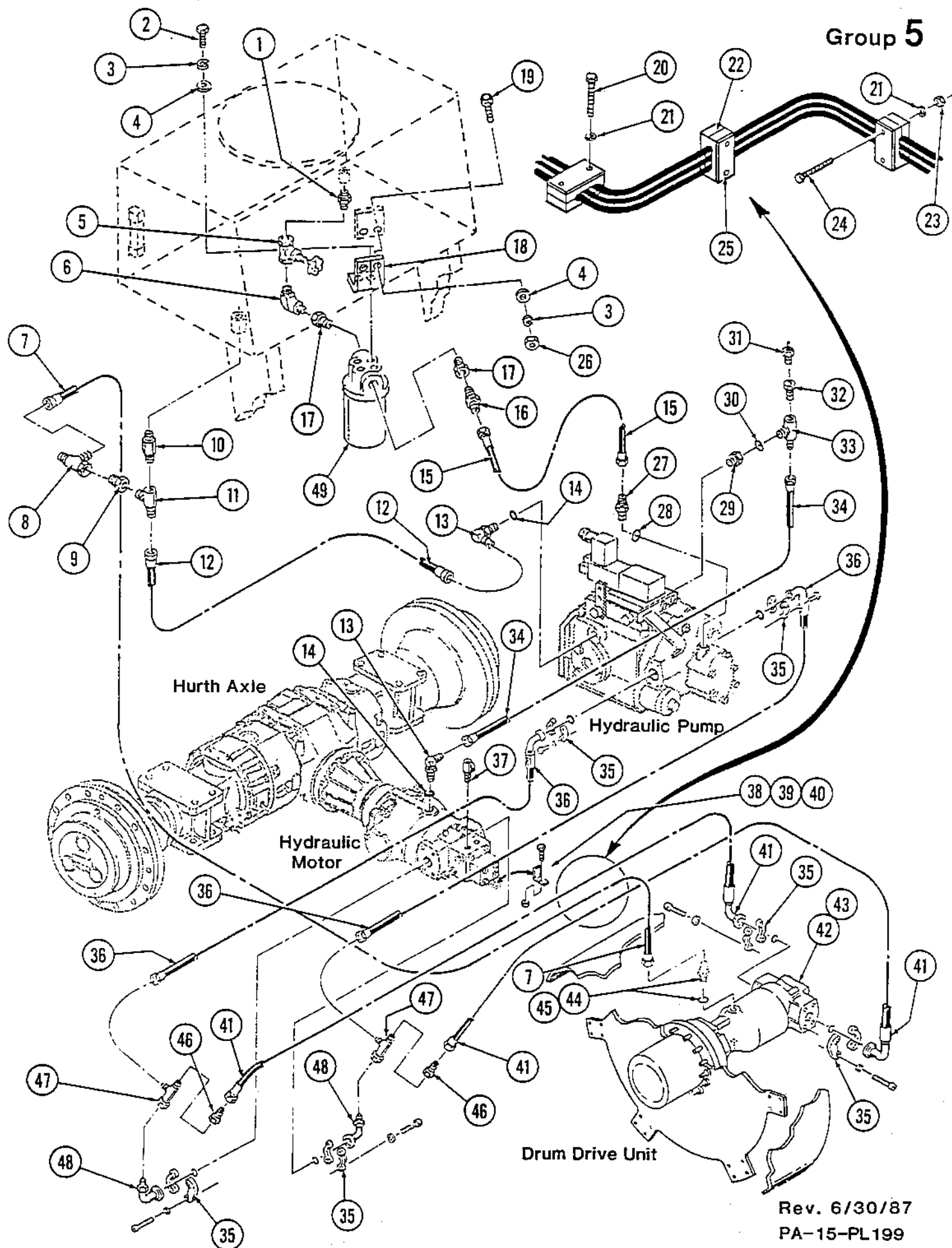


Page		Group		Illustration Number	Catalog Number	Illustration	
8		5		PA-15-PL179	PA-15-PL01	Traction System, Standard (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15						
1	1				801503	Plug, Magnetic Pipe	
2	1				825265	Bracket, Filter	
3	2				502018	Capscrew, HH	
4	4				604027	Lockwasher	
5	4				600006	Washer, Flat	
6	2				502016	Capscrew, HH	
7	2				571002	Hex Nut	
8	1				813738	Nipple, Hex	
9	1				813451	Valve, Gate	
10	1				234395	Elbow, 90°	
11	1				335554	Assy., Hyd. Filter (See Group 5)	
12	2				813449	Bushing, Reducer	
13	1				334157	Connector, Male	
14	1				81508910	Hose Assy., Hyd. Res. To Pump	
15	1				814250	Valve, Check	
16	1				334127	Connector, Female	
17	1				81508907	Hose Assy., Pump To Hyd. Res.	
18	1				989078	Sender, Hyd. Oil Temperature	
19	1				850216	Adapter, Hyd. Oil Sender	
20	1				234131	Elbow 45°	
21	1				160144	O-Ring	
22	1				81508909	Hose Assy., Pump To Axle Motor	
23	4				332073	Kit, Flange	
24	1				813429	O-Ring	
25	1				81508908	Hose Assy., Pump To Axle Motor	
26	2				85021601	Elbow, 90°	
27	1				160144	O-Ring	
28	1				81508911	Hose Assy., Motor Drain To Pump	

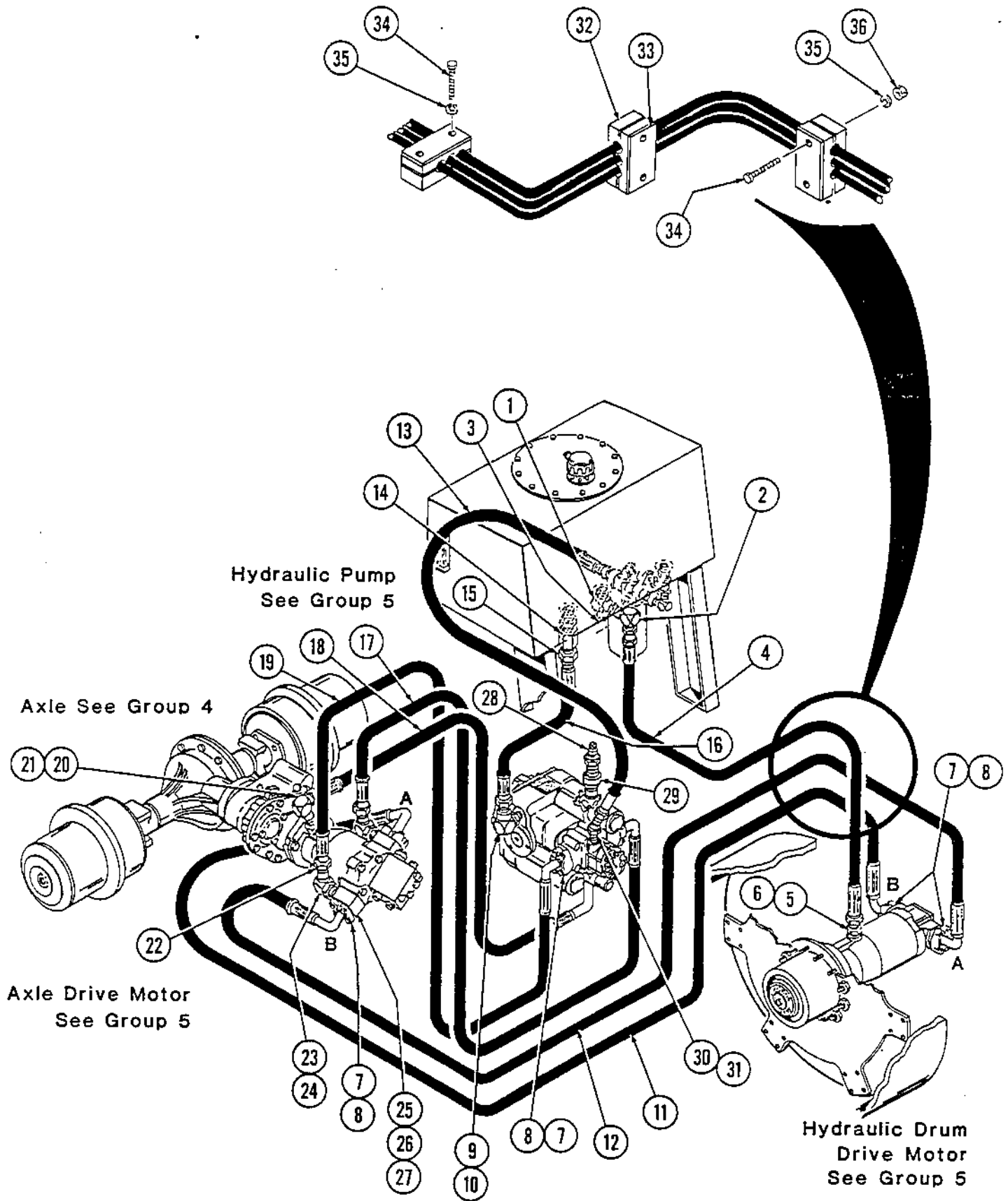


Page		Group		Illustration Number		Catalog Number		Illustration	
10		5		PA-15-PL199		PA-15-PL01		Traction System, Drum Drive (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15D	15PD							
1	1	1			813738	Adapter			
2	2	2			502018	Capscrew, HH			
3	4	4			604027	Lockwasher			
4	4	4			600006	Washer, Flat			
5	1	1			813451	Valve, Gate			
6	1	1			234395	Elbow, 90°			
7	1	1			482441	Hose Assy., Motor Return to Tank			
8	1	1			334135	Adapter, Tee			
9	1	1			234667	Adapter, Reducing			
10	1	1			814250	Valve, Check			
11	1	1			923196	Adapter, Tee			
12	1	1			482182	Hose Assy., Pump to Tank Return			
13	2	2			334604	Adapter, 90°			
14	1	1			160144	O-Ring			
15	1	1			815649	Hose Assy. Hyd. Filter to Pump			
16	1	1			334157	Adapter			
17	2	2			813449	Adapter			
18	1	1			825265	Bracket, Filter			
19	2	2			502016	Capscrew, HH			
20	6	6			502043	Capscrew, HH			
21	6	6			604028	Lockwasher			
22	3	3			335675	Block, Rubber			
23	4	4			571003	Hex Nut			
24	6	6			502043	Capscrew, HH			
25	3	3			335632	Plate, Hold Down			
26	2	2			571002	Hex Nut			
27	1	1			334158	Adapter			
28	1	1			160144	O-Ring			
29	1	1			892276	Adapter			
30	1	1			160144	O-Ring			
31	1	1			989078	Sender, Hyd. Oil Temperature			
32	1	1			813434	Bushing			
33	1	1			900457	Adapter, Tee			
34	1	1			482318	Hose Assy., Motor to Pump Return			
35	6	6			332073	Kit, Flange			
-	4	4			502036	Capscrew, HH			
-	4	4			604006	Lockwasher			
-	1	1			813429	O-Ring			
36	2	2			482058	Hose Assy., Pump to Axle Motor			
37	2	2			910162	Nipple, Measuring			
38	1	1			500040	Capscrew, HH			
39	1	1			338895	Bar, Angle			
40	1	1			586002	Locknut			
41	2	2			381508912	Hose Assy., Pump to Drum Motor			
42	1	1			802311	Motor, Hydraulic (See Pg. 34)			
43	1	1			160346	O-Ring			
44	1	1			334134	Adapter, Straight			
45	1	1			160146	O-Ring			
46	2	2			334141	Adapter, Reducing			
47	2	2			334504	Adapter, Tee			
48	2	2			234855	Adapter, 90°			
49	1	1			337528	Filter Assy., Hydraulic (See Pg. 74)			

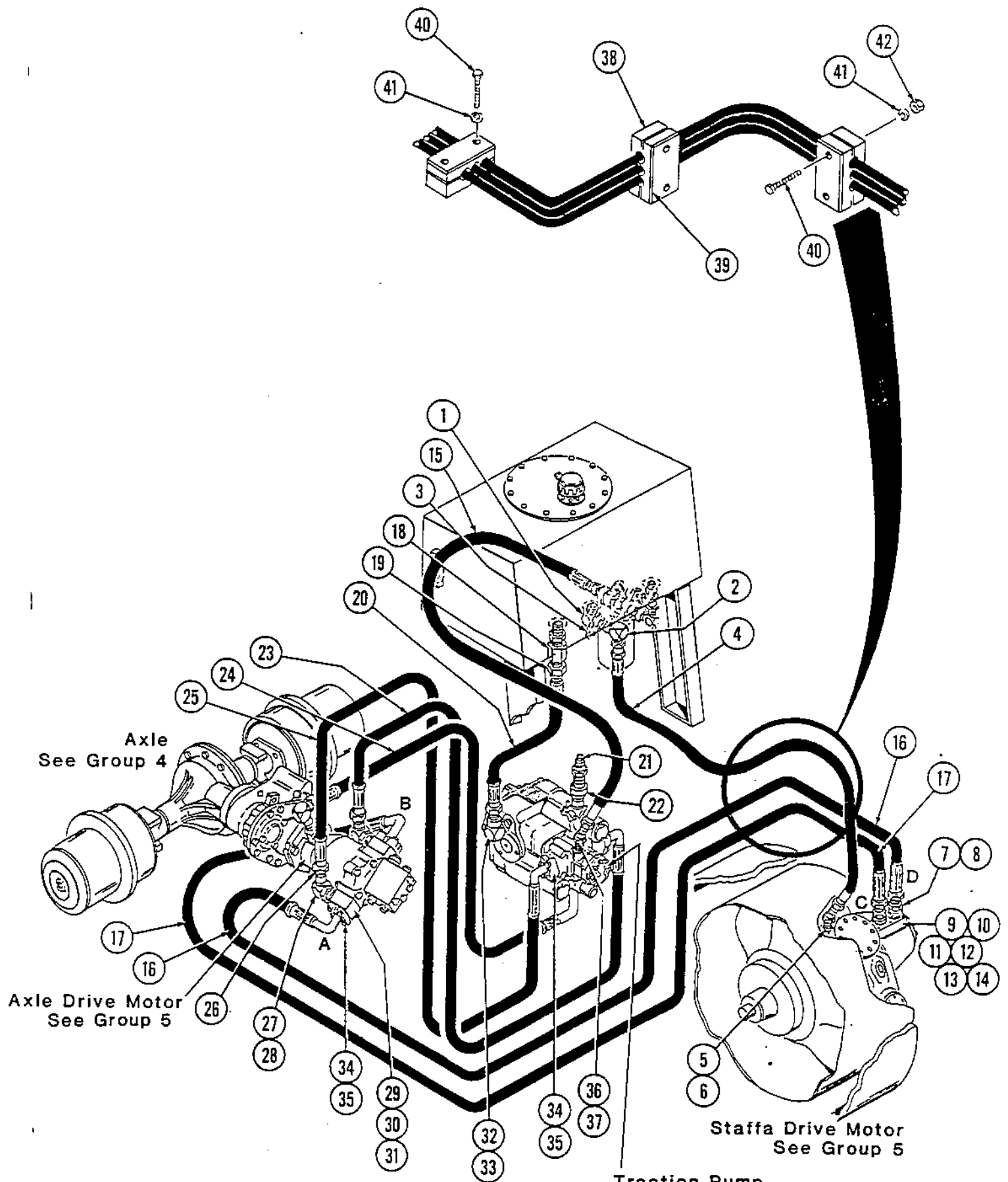
Group 5



Page		Group		Illustration Number		Catalog Number		Illustration	
12		5		PA-15-PL181		PA-15-PL01		Traction System Drum Drive (S/N 741 to 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 PD							
1	1	1			334424	Tee			
2	1	1			334410	Elbow, 90°			
3	1	1			232206	Plug, Soc. Hd. Pipe			
4	1	1			81508933	Hose Assy., Motor Drain To Hyd. Res.			
5	1	1			801244	Elbow, 45°			
6	1	1			160146	O-Ring			
7	6	6			332073	Kit, Flange			
8	1	1			813429	O-Ring			
9	1	1			334134	Elbow, 90°			
10	1	1			160146	O-Ring			
11	1	1			81508940	Hose Assy., Axle Motor To Drum Motor			
12	1	1			81508941	Hose Assy., Axle Motor To Drum Motor			
13	1	1			81508910	Hose Assy., Hyd. Res. To Pump			
14	1	1			814250	Valve, Check			
15	1	1			334127	Adapter			
16	1	1			81508907	Hose Assy., Pump To Hyd. Res.			
17	1	1			81508909	Hose Assy., Pump To Axle Motor			
18	1	1			81508911	Hose Assy., Motor Drain To Pump			
19	1	1			81508908	Hose Assy., Pump To Axle Motor			
20	1	1			85021601	Elbow, 90°			
21	1	1			160144	O-Ring			
22	1	1			234624	Elbow, 45° Swivel			
23	2	2			813721	Elbow, 90°			
24	1	1			160154	O-Ring			
25	2	2			335669	Adapter			
26	2	2			813429	O-Ring			
27	8	8			514014	Capscrew, Soc. Hd.			
28	1	1			989078	Sender, Hyd. Oil Temperature			
29	1	1			850216	Adapter, Hyd. Oil Sender			
30	1	1			234131	Elbow, 45°			
31	1	1			160144	O-Ring			
32	3	3			825911	Block, Rubber			
33	3	3			335632	Plate, Hold Down			
34	6	6			502043	Capscrew, HH			
35	6	6			604028	Lockwasher			
36	4	4			571003	Hex Nut			



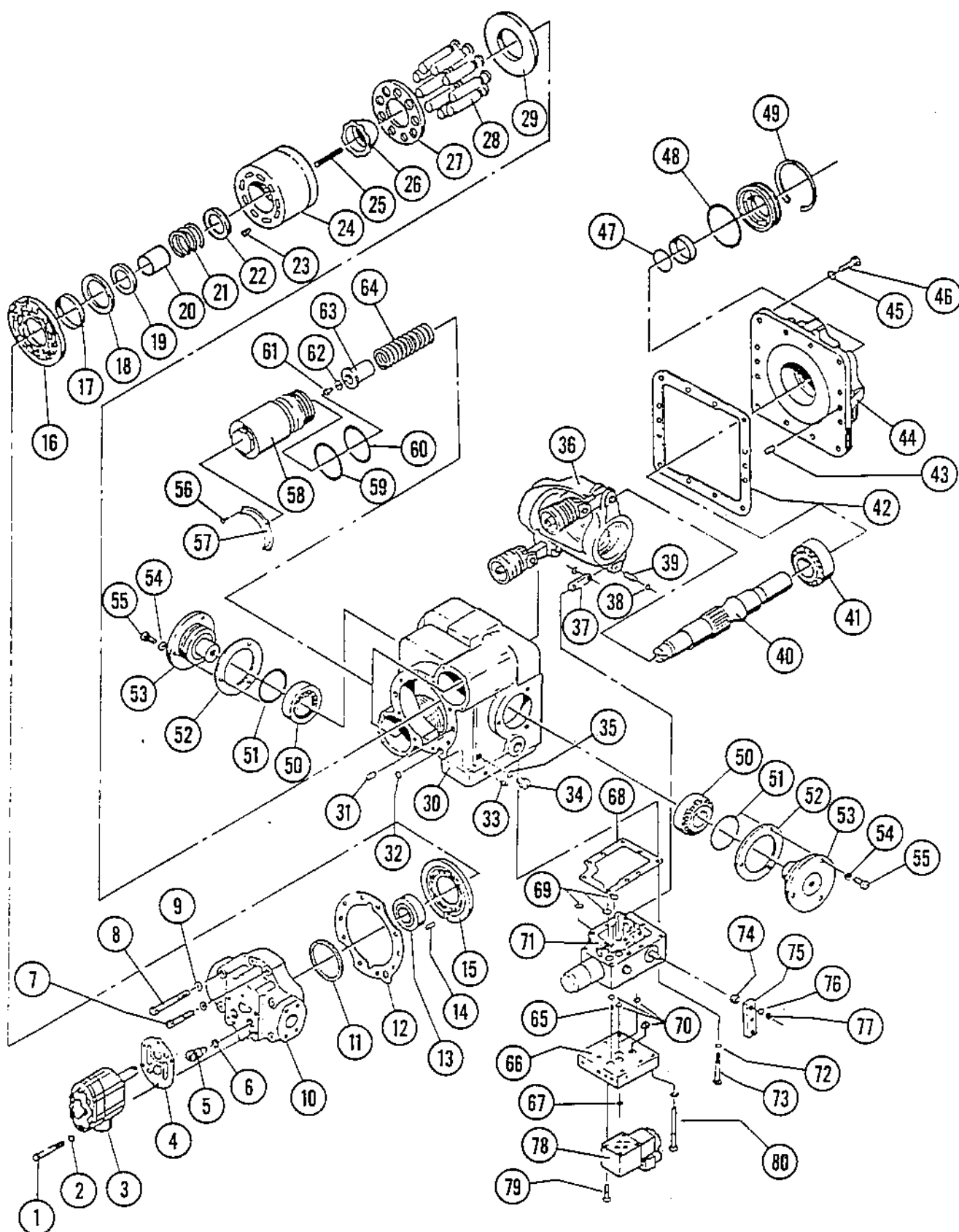
Page		Group		Illustration Number		Catalog Number		Illustration	
14		5		PA-15-PL182		PA-15-PL01		Traction System Drum Drive (To S/N 740)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
1	1	1			334424	Tee			
2	1	1			334410	Elbow, 90°			
3	1	1			232206	Plug, Soc. Hd. Pipe			
4	1	1			81508933	Hose Assy., Motor Drain To Hyd. Res.			
5	1	1			813500	Elbow, 45°			
6	1	1			160146	O-Ring			
7	2	2			334441	Adapter	From S/N 442		
8	1	1			160164	O-Ring	From S/N 442		
9	1	1			335668	Flange, Adapter	To S/N 441		
10	2	2			813797	O-Ring	To S/N 441		
11	2	2			232066	Kit, Flange	To S/N 441		
12	2	2			503068	Capscrew, Soc. Hd.	To S/N 441		
13	4	4			510009	Capscrew, Soc. Hd.	To S/N 441		
14	4	4			813484	Lockwasher, Hi Collar	To S/N 441		
15	1	1			81508910	Hose Assy., Res. To Pump			
16	1	1			81508934	Hose Assy., Axle Motor To Drum Motor	To S/N 441		
-	1	1			81508937	Hose Assy., Axle Motor To Drum Motor	From S/N 442		
17	1	1			81508932	Hose Assy., Axle Motor To Drum Motor	To S/N 441		
-	1	1			81508936	Hose Assy., Axle Motor To Drum Motor	From S/N 442		
18	1	1			814250	Valve, Check			
19	1	1			334127	Adapter			
20	1	1			81508907	Hose Assy., Pump To Hyd. Res.			
21	1	1			989078	Sender, Hyd. Oil Temperature			
22	1	1			850216	Adapter, Hyd. Oil Sender			
23	1	1			81508909	Hose Assy., Pump To Axle Motor			
24	1	1			81508911	Hose Assy., Motor Drain To Pump			
25	1	1			81508908	Hose Assy., Pump To Axle Motor			
26	1	1			234624	Elbow, 45° Swivel			
27	2	2			813499	Elbow, 90°			
28	1	1			160153	O-Ring			
29	1	1			335669	Adapter			
30	2	2			813429	O-Ring			
31	8	8			502043	Capscrew, Soc. Hd.			
32	1	1			334134	Elbow, 90°			
33	1	1			160146	O-Ring			
34	4	4			332073	Kit, Flange			
35	1	1			813429	O-Ring			
36	1	1			234131	Elbow, 45°			
37	1	1			160144	O-Ring			
38	3	3			335675	Block, Rubber			
39	3	3			335632	Plate, Hold Down			
40	6	6			502045	Capscrew, HH			
41	6	6			604028	Lockwasher			
42	4	4			571003	Hex Nut			



Traction Pump
See Group 5

Page		Group		Illustration Number	Catalog Number	Illustration	
16		5		PA-15-PL200	PA-15-PL01	Traction Pump (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
-	1	1	1		348530	Pump, Traction	
-	1	1	1		927130	Seal Kit (See Note)	
1	4	4	4		813834	Screw	
2	4	4	4		813844	Washer	
3	1	1	1		813692	Charge Pump Assy., (See Page 20)	
4	1	1	1		NSS	Gasket	
5	2	2	2		813630	Check Valve Assy.	
6	1	1	1		NSS	O-Ring	
7	3	3	3		813838	Screw	
8	5	5	5		813839	Screw	
9	9	9	9		813846	Washer	
10	1	1	1		480305	Cover, Rear	
11	A/R	A/R	A/R		481611	Shim	
12	1	1	1		NSS	Gasket	
13	1	1	1		813813	Roller Bearing	
14	1	1	1		813821	Pin	
15	1	1	1		813867	Valve Plate	
-	1	1	1		927131	Cylinder Block Kit, Assy.	
16	1	1	1		813878	Bearing Plate	
17	1	1	1		813875	Guide Ring	
18	1	1	1		813829	Retaining Ring	
19	1	1	1		813855	Spring Holder	
20	1	1	1		813856	Spring Guide	
21	1	1	1		480306	Spring	
22	1	1	1		813854	Spring Holder	
23	1	1	1		813851	Pin	
24	1	1	1		813874	Cylinder Block	
25	6	6	6		911060	Spring	
26	1	1	1		813866	Guide Sleeve	
27	1	1	1		813870	Piston Retainer	
28	9	9	9		813873	Piston Assy.	
29	1	1	1		480307	Thrust Plate	
30	1	1	1		813872	Pump Housing	
31	2	2	2		813822	Pin	
32	1	1	1		NSS	O-Ring	
33	1	1	1		813825	Plug	
34	1	1	1		927132	Plug Assy.	
35	1	1	1		NSS	O-Ring	
36	1	1	1		927505	Swash Plate Assy.	
37	1	1	1		813885	Link	
38	2	2	2		480288	Retaining Ring	
39	1	1	1		813823	Pin	
40	1	1	1		813863	Drive Shaft	
41	1	1	1		813815	Roller Bearing	
42	1	1	1		NSS	Gasket	
43	2	2	2		813822	Pin	

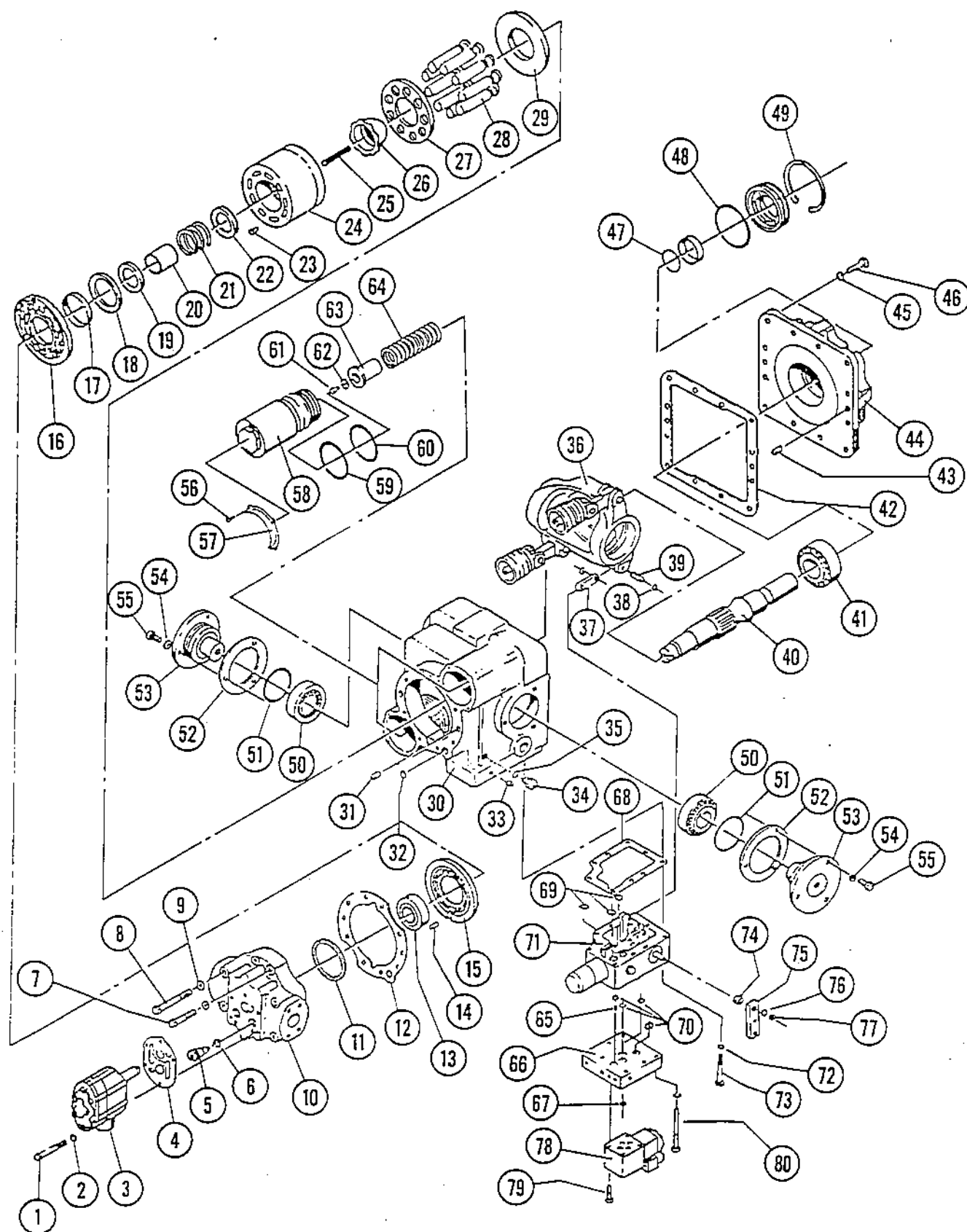
Note: Seal Kit contains items 4, 6, 12, 32, 35, 42, 47, 48, 59, 60, 68, & 69. Also items 3 & 4 on Control Valve, pg. 22.



Page		Group		Illustration Number	Catalog Number	Illustration	
18		5		PA-15-PL200	PA-15-PL01	Traction Pump (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
44	1	1	1		813861	Cover, Front	
45	12	12	12		813846	Washer	
46	12	12	12		813837	Screw	
-	1	1	1		481616	Drive Shaft Seal Assy.	
47	1	1	1		NSS	O-Ring	
48	1	1	1		NSS	O-Ring	
49	1	1	1		813621	Retaining Ring	
50	2	2	2		480318	Roller Bearing	
51	2	2	2		NSS	O-Ring	
52	A/R	A/R	A/R		813858	Shim	
53	2	2	2		813857	Bearing Journal	
54	6	6	6		813845	Washer	
55	6	6	6		813835	Screw	
56	4	4	4		813840	Screw	
57	2	2	2		813850	Sleeve Retainer	
58	2	2	2		927136	Servo Cylinder Assy.	
59	2	2	2		NSS	O-Ring	
60	2	2	2		NSS	O-Ring	
61	2	2	2		480290	Screw	
62	2	2	2		480292	Washer	
63	2	2	2		813860	Spring Guide	
64	2	2	2		480308	Spring	
65	1	1	1		910245	Orifice	
66	1	1	1		927508	Connection Plate	
67	4	4	4		927511	O-Ring	
68	1	1	1		813634	Gasket	
69	3	3	3		NSS	O-Ring	
70	4	4	4		910707	O-Ring	
71	1	1	1		927507	Control Valve Servo	
72	9	9	9		813844	Washer	
73	9	9	9		813833	Screw	
74	1	1	1		813888	Spacer Ring	
75	1	1	1		813887	Control Lever	
76	1	1	1		813847	Washer	
77	1	1	1		813816	Nut	
78	1	1	1		922305	Solenoid Valve	
79	4	4	4		927510	Screw	
80	6	6	6		927509	Screw	

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. 22.

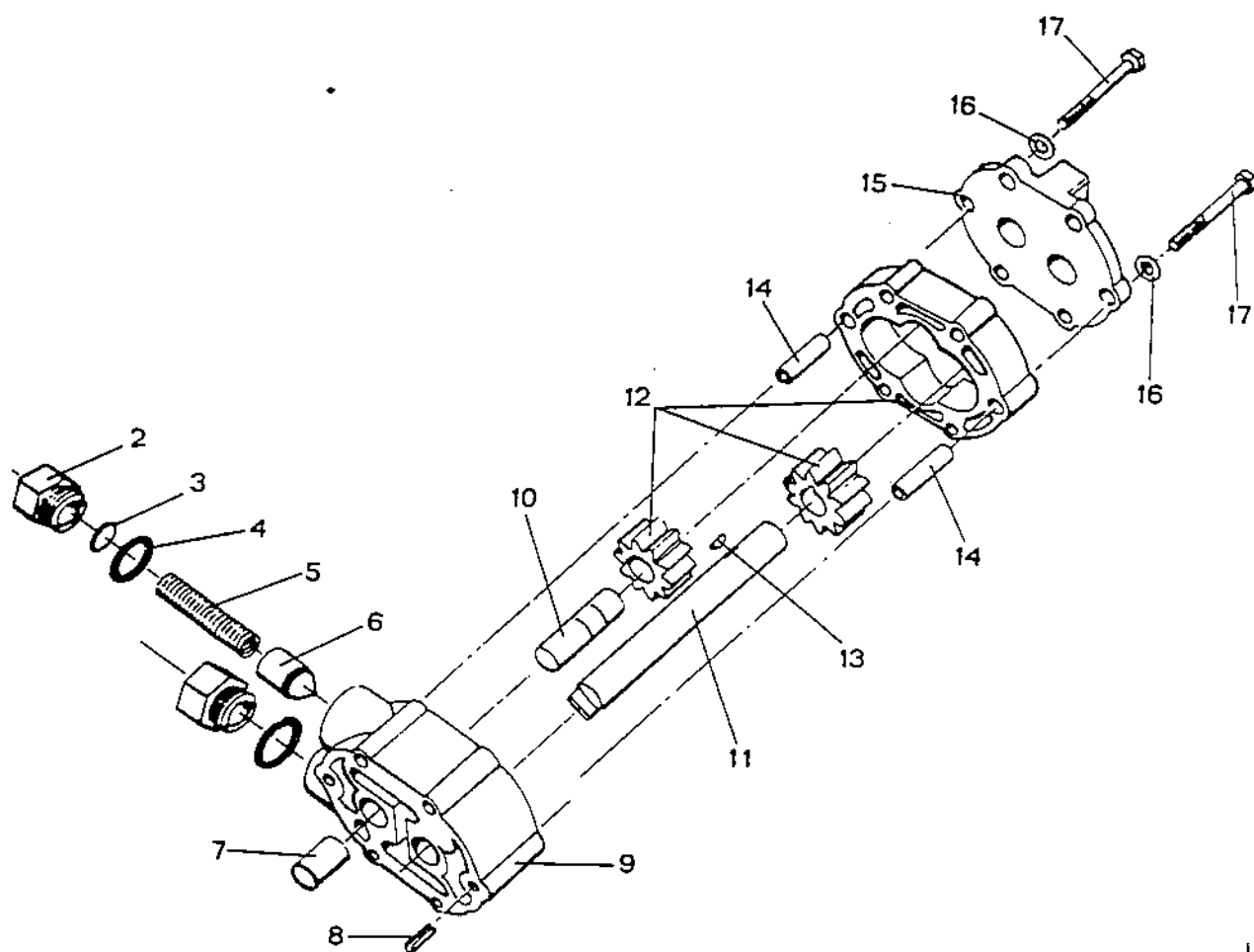
Rev. 6/30/87



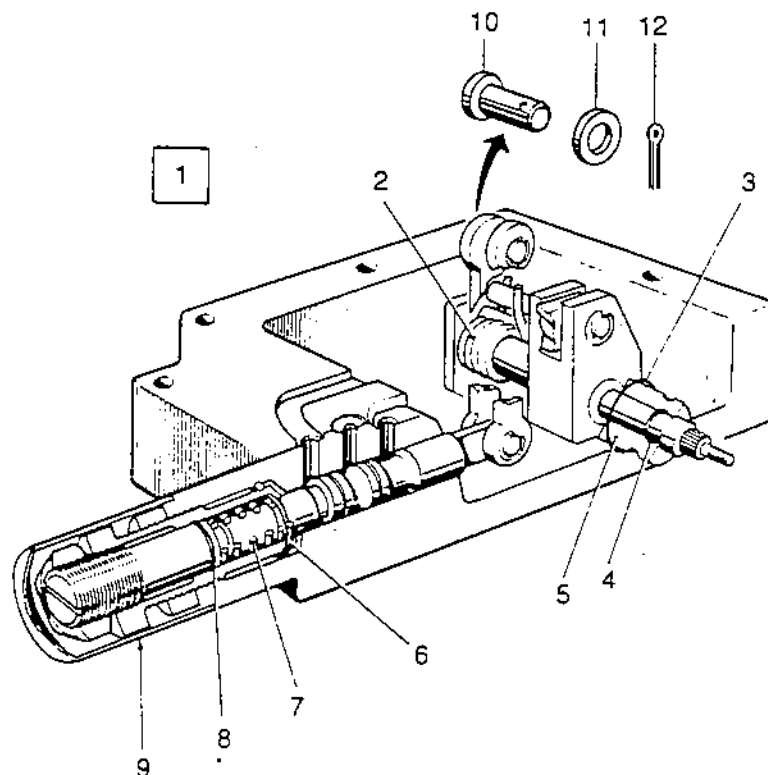
CA15, CA15D, CA15PD
Spare Parts Catalog



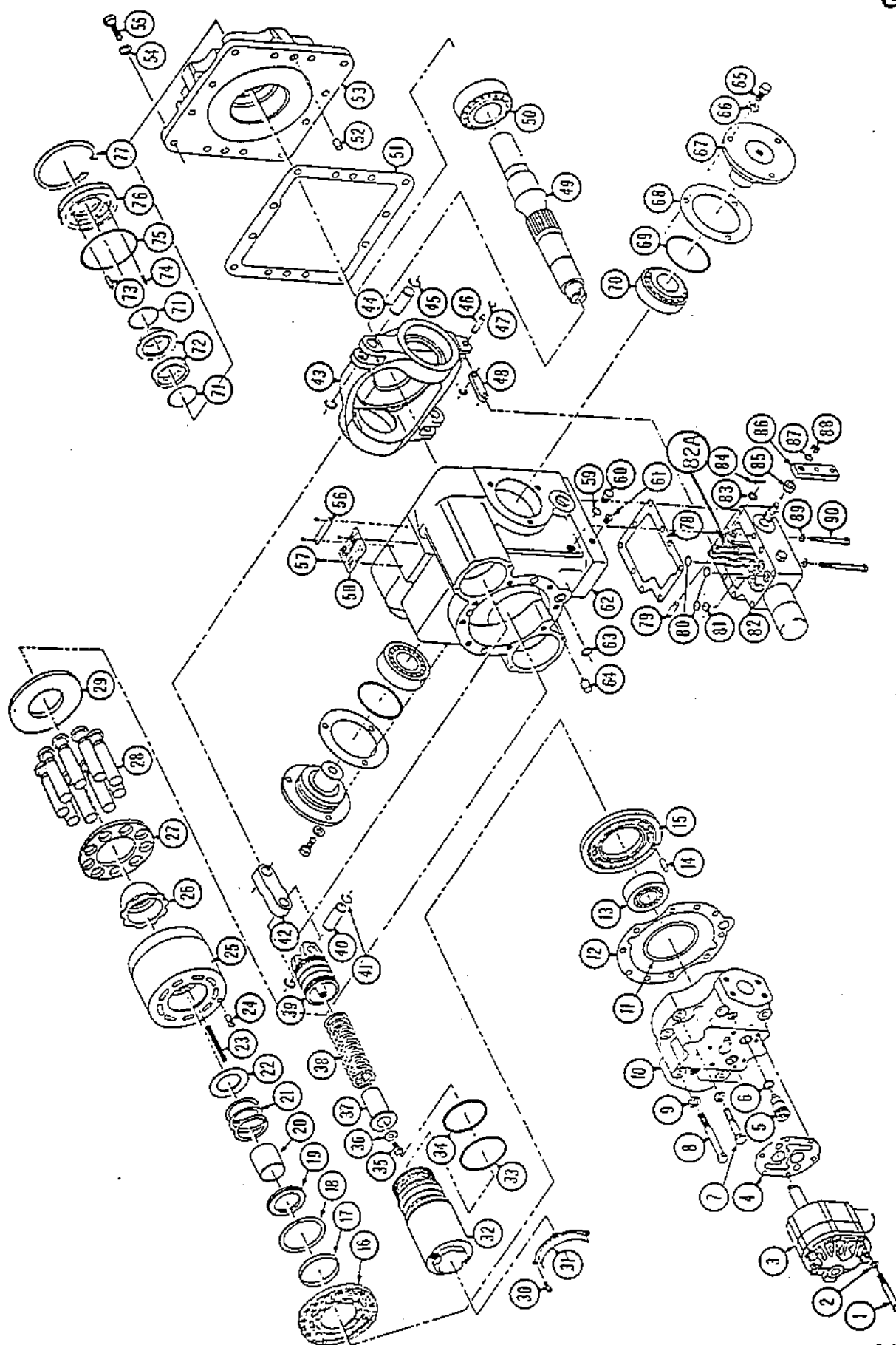
Page		Group		Illustration Number	Catalog Number	Illustration	
20		5		PA-15-PL201	PA-15-PL01	Charge Pump Assembly	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	1	1	1		813692	Charge Pump Assembly	
2	1	1	1		480408	Plug	
3	A/R	A/R	A/R		480402	Shim	
4	1	1	1		813618	O-Ring	
5	1	1	1		480413	Spring	
6	1	1	1		480412	Relief Valve	
7	1	1	1		480406	Spacer	
8	1	1	1		923075	Pin	
9	1	1	1		480410	Pump Housing	
10	1	1	1		480350	Pin	
11	1	1	1		480405	Drive Shaft	
12	1	1	1		926901	Spacer Plate Assembly	
13	1	1	1		480340	Key	
14	2	2	2		480352	Pin	
15	1	1	1		480403	End Cap	
16	2	2	2		813844	Washer	
17	2	2	2		480364	Screw	



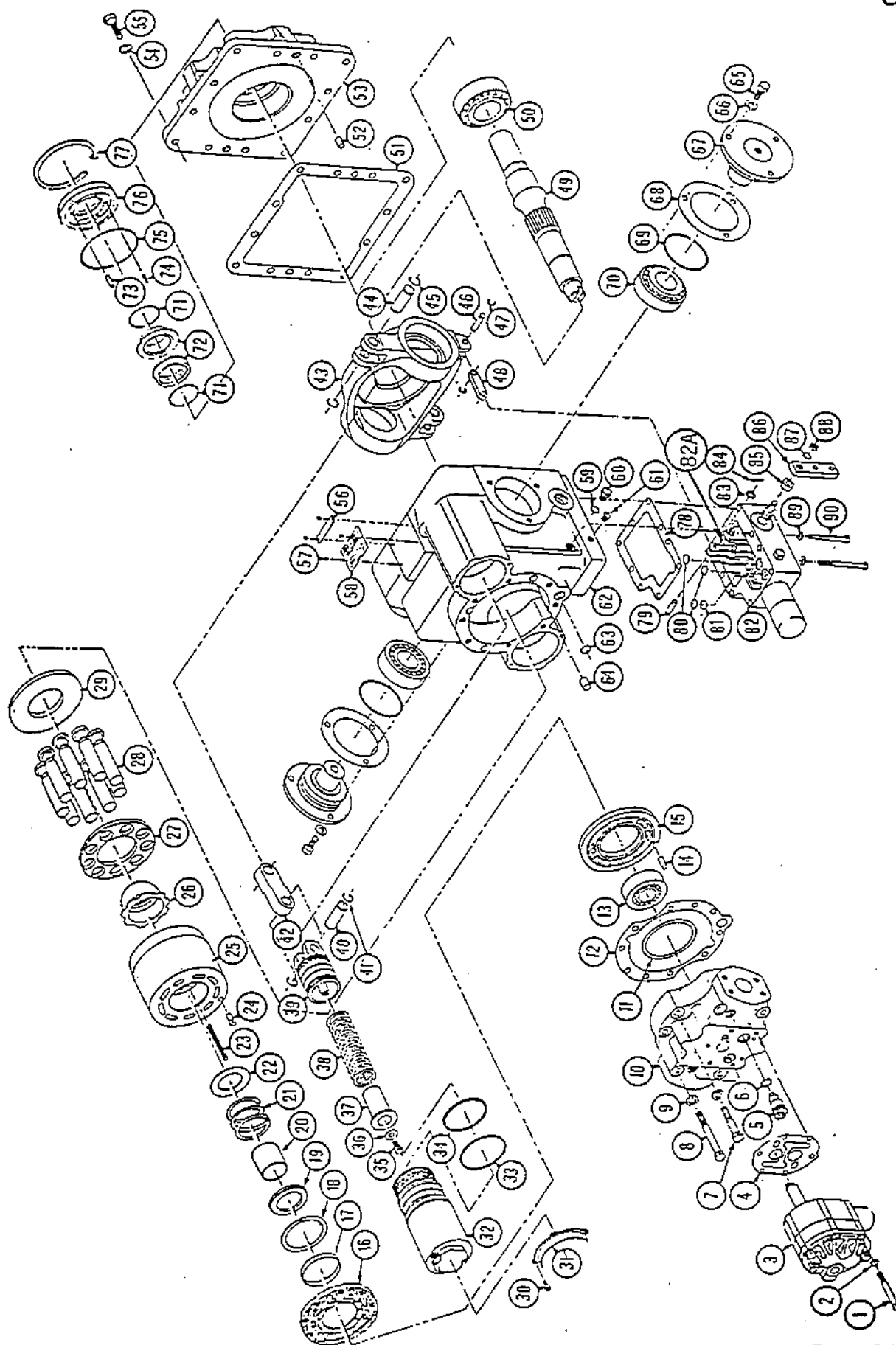
Page		Group		Illustration Number	Catalog Number	Illustration	
22		5		PA-15-PL202	PA-15-PL01	Control Valve Assembly (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
1	1	1	1		927507	Control Valve Assembly	
2	1	1	1		893080	Spring	
3	1	1	1		911431	O-Ring	
4	1	1	1		910706	O-Ring	
5	1	1	1		922032	Bushing	
6	1	1	1		911430	O-Ring	
7	1	1	1		911454	Spring	
8	1	1	1		813613	O-Ring	
9	1	1	1		911468	Cover	
10	1	1	1		813890	Pin (Old Design)	
11	1	1	1		813844	Washer (Old Design)	
12	1	1	1		813820	Split Pin (Old Design)	



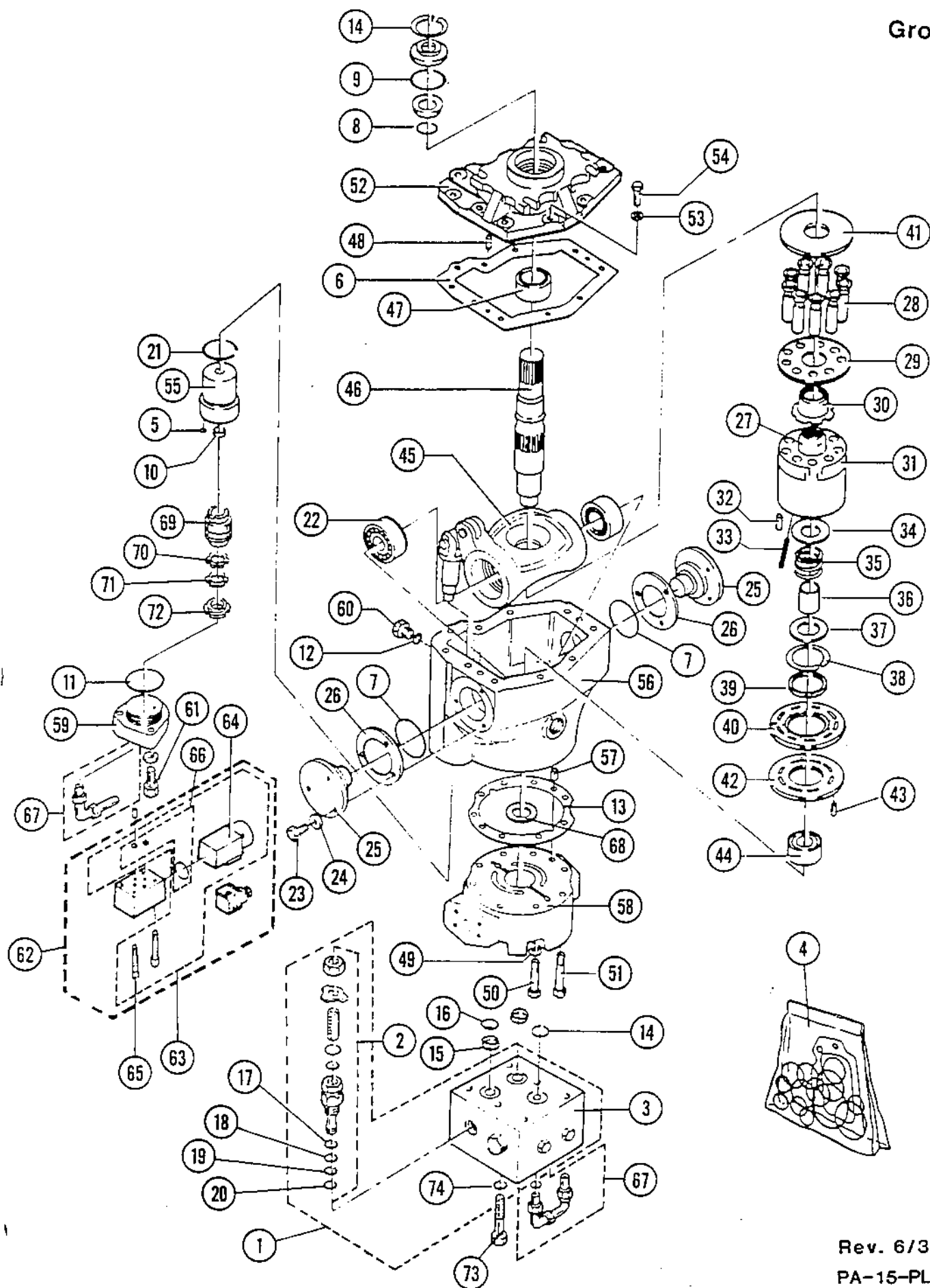
Page		Group		Illustration Number	Catalog Number	Illustration	
24		5		PA-15-PL115	PA-15-PL01	Traction Pump (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		801051	Pump, Traction	
-	1	1	1		813692	Kit, Charge Pump See Pg. 20	
1	4	4	4		813834	Capscrew, HH	
2	4	4	4		813844	Washer, Flat	
3	1	1	1		813692	Pump, Charge	
4	1	1	1		813633	Gasket, Charge Pump	
-	2	2	2		813630	Kit, Valve Check	
5	2	2	2		813886	Valve, Check	
6	2	2	2		813614	O-Ring	
7	3	3	3		813838	Capscrew, HH	
8	5	5	5		813839	Capscrew, HH	
9	8	8	8		813846	Washer, Flat	
10	1	1	1		480305	End Cap, Pump	
11	A/R	A/R	A/R		813880	Shim	
12	1	1	1		813862	Gasket, End Cap	
13	1	1	1		813813	Bearing, Rear	
14	1	1	1		813821	Pin, St., Hdls	
15	1	1	1		480304	Plate, R.H. Valve	
-	1	1	1		893013	Kit, Cylinder Block	
16	1	1	1		813878	Plate, Bearing	
17	1	1	1		813875	Plate, Pilot Bearing	
18	1	1	1		813829	Ring, Retaining	
19	1	1	1		813855	Retainer, Spring	
20	1	1	1		813856	Spring, Guide	
21	1	1	1		480306	Spring, Cylinder Block	
22	1	1	1		813854	Spring, Seat	
23	9	9	9		813853	Spring	
24	1	1	1		813851	Pin	
25	1	1	1		813874	Block, Cylinder	
26	1	1	1		813866	Guide	
27	1	1	1		813870	Retainer, Slipper	
28	9	9	9		480309	Piston	
29	1	1	1		813871	Plate, Thrust	
30	4	4	4		480289	Screw, Torx	
31	2	2	2		813850	Sleeve, Retainer	
-	2	2	2		893068	Kit, Servo Sleeve	
32	2	2	2		480301	Servo, Sleeve	
33	2	2	2		813818	O-Ring	
34	2	2	2		813817	O-Ring	
-	1	1	1		921374	Kit, Servo Piston	
35	2	2	2		480290	Screw	
36	2	2	2		480292	Washer, Special	
37	2	2	2		813860	Spring, Guide	
38	2	2	2		813859	Servo, Spring	
39	2	2	2		480303	Servo, Piston	
40	2	2	2		813824	Pin	
41	4	4	4		813831	Ring, Retaining	
42	4	4	4		813849	Servo, P Link	
43	1	1	1		813869	Swashplate Variable	
44	2	2	2		813824	Pin	



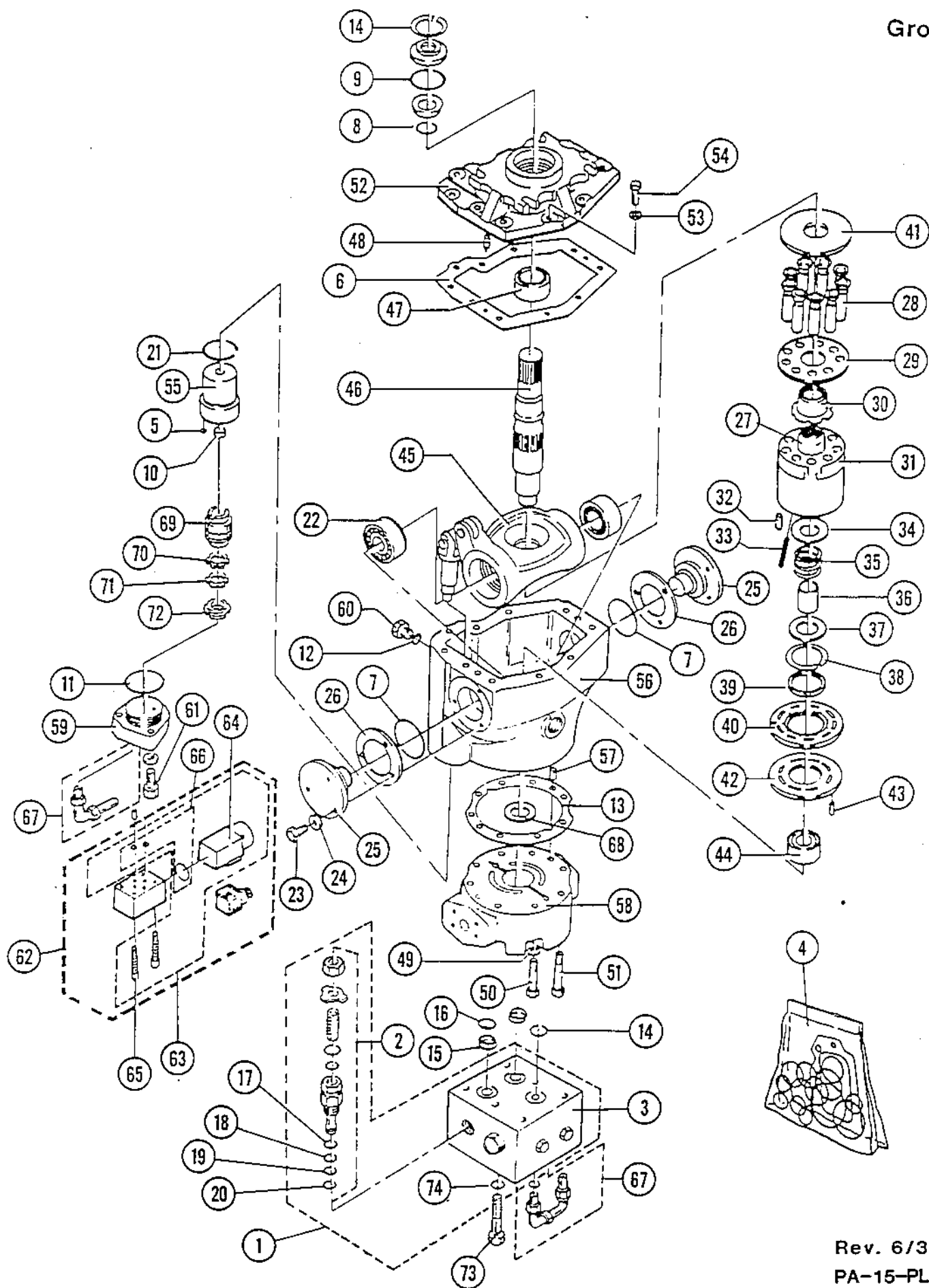
Page		Group		Illustration Number		Catalog Number		Illustration	
26		5		PA-15-PL115		PA-15-PL01		Traction Pump (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
45	4	4	4		480287	Ring, Retaining			
46	1	1	1		813823	Pin			
47	2	2	2		480288	Ring, Retaining			
48	1	1	1		813885	Control, Swash Link			
49	1	1	1		813863	Pump, Shaft			
50	1	1	1		813815	Bearing, Front			
51	1	1	1		813623	Gasket, Front Cover			
52	2	2	2		813822	Pin			
53	1	1	1		813861	Cover, Front			
54	12	12	12		813846	Washer, Flat			
55	12	12	12		813837	Capscrew, HH			
56	1	1	1		NSS	Arrow, Direction			
57	4	4	4		NSS	Screw			
58	1	1	1		NSS	Nameplate			
59	1	1	1		813617	O-Ring			
60	1	1	1		813826	Plug			
61	1	1	1		813825	Plug, Pipe			
62	1	1	1		813872	Housing			
63	1	1	1		813863	O-Ring			
64	2	2	2		813822	Pin			
65	6	6	6		813835	Capscrew, HH			
66	6	6	6		813845	Washer, Flat			
67	2	2	2		813857	Trunnion			
68	A/R	A/R	A/R		813858	Gasket, Trunnion			
69	2	2	2		813819	O-Ring			
70	2	2	2		813814	Bearing, Trunnion			
-	1	1	1		813626	Kit, Shaft Seal			
71	2	2	2		813616	O-Ring			
72	1	1	1		813624	Seal Kit			
73	1	1	1		813619	Pin, Groove			
74	6	6	6		813625	Seal, Spring			
75	1	1	1		813612	O-Ring			
76	1	1	1		813622	Retainer, Seal			
77	1	1	1		813621	Ring, Retaining			
-	1	1	1		813889	Kit, Control Assembly			
78	1	1	1		813634	Gasket, Valve Housing			
79	1	1	1		813890	Pin			
80	3	3	3		813613	O-Ring			
81	1	1	1		813628	Plug			
82	1	1	1		813889	Control			
82A	1	1	1		893080	Control, Spring			
83	1	1	1		813844	Washer, Flat			
84	1	1	1		813820	Pin, Cotter			
85	1	1	1		813888	Spacer			
86	1	1	1		335593	Handle			
87	1	1	1		813847	Washer, Toothlock			
88	1	1	1		813816	Hex Nut			
89	9	9	9		813844	Washer, Flat			
90	9	9	9		813833	Capscrew, HH			
-	1	1	1		893069	Kit, Gasket (includes all O-Rings, Seals & Gaskets)			



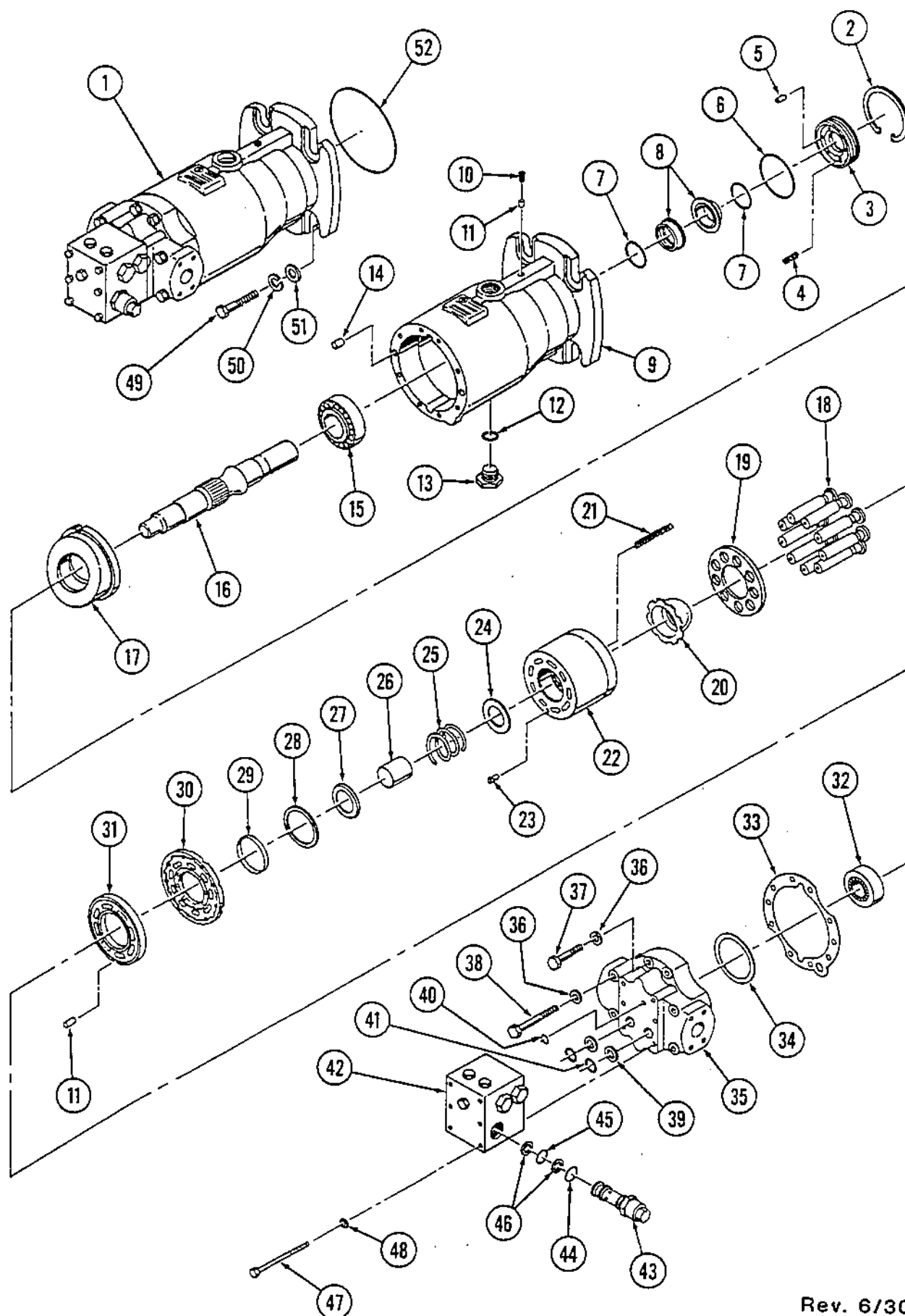
Page		Group		Illustration Number		Catalog Number		Illustration	
28		5		PA-15-PL203		PA-15-PL01		Traction Motor, Drive Axle (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
-	1	1	1		348531	Hydr. Motor, Drive Axle			
1	1	1	1		926282	Valve Assy.			
2	2	2	2		926266	Relief Valve Assy.			
3	1	1	1		926258	Valve Housing Assy.			
4	1	1	1		900190	Seal Kit			
5	2	2	2		NSS	O-Ring			
6	1	1	1		NSS	Gasket			
7	2	2	2		NSS	O-Ring			
8	1	1	1		NSS	O-Ring			
9	1	1	1		NSS	O-Ring			
10	1	1	1		NSS	Bearing			
11	1	1	1		NSS	O-Ring			
12	1	1	1		NSS	O-Ring			
13	1	1	1		NSS	Gasket			
14	1	1	1		NSS	O-Ring			
15	2	2	2		NSS	O-Ring			
16	2	2	2		NSS	Back-Up Ring			
17	2	2	2		NSS	O-Ring			
18	2	2	2		NSS	Back-Up Ring			
19	2	2	2		NSS	O-Ring			
20	2	2	2		NSS	Back-Up Ring			
21	2	2	2		NSS	O-Ring			
22	2	2	2		481078	Bearing			
23	6	6	6		481082	Screw			
24	6	6	6		813846	Washer			
25	2	2	2		481086	Bearing Journal			
26	1	1	1		481087	Shim			
27	1	1	1		924615	Cylinder Block Kit			
28	9	9	9		912095	Piston Kit			
29	1	1	1		481099	Retainer			
30	1	1	1		481095	Guide Sleeve			
31	1	1	1		481100	Cylinder Block			
32	1	1	1		481163	Pin			
33	6	6	6		481084	Spring			
34	1	1	1		481088	Seat Spring			
35	1	1	1		481083	Spring			
36	1	1	1		481085	Guide Spring			
37	1	1	1		481089	Spring Plate			
38	1	1	1		481081	Retaining Ring			



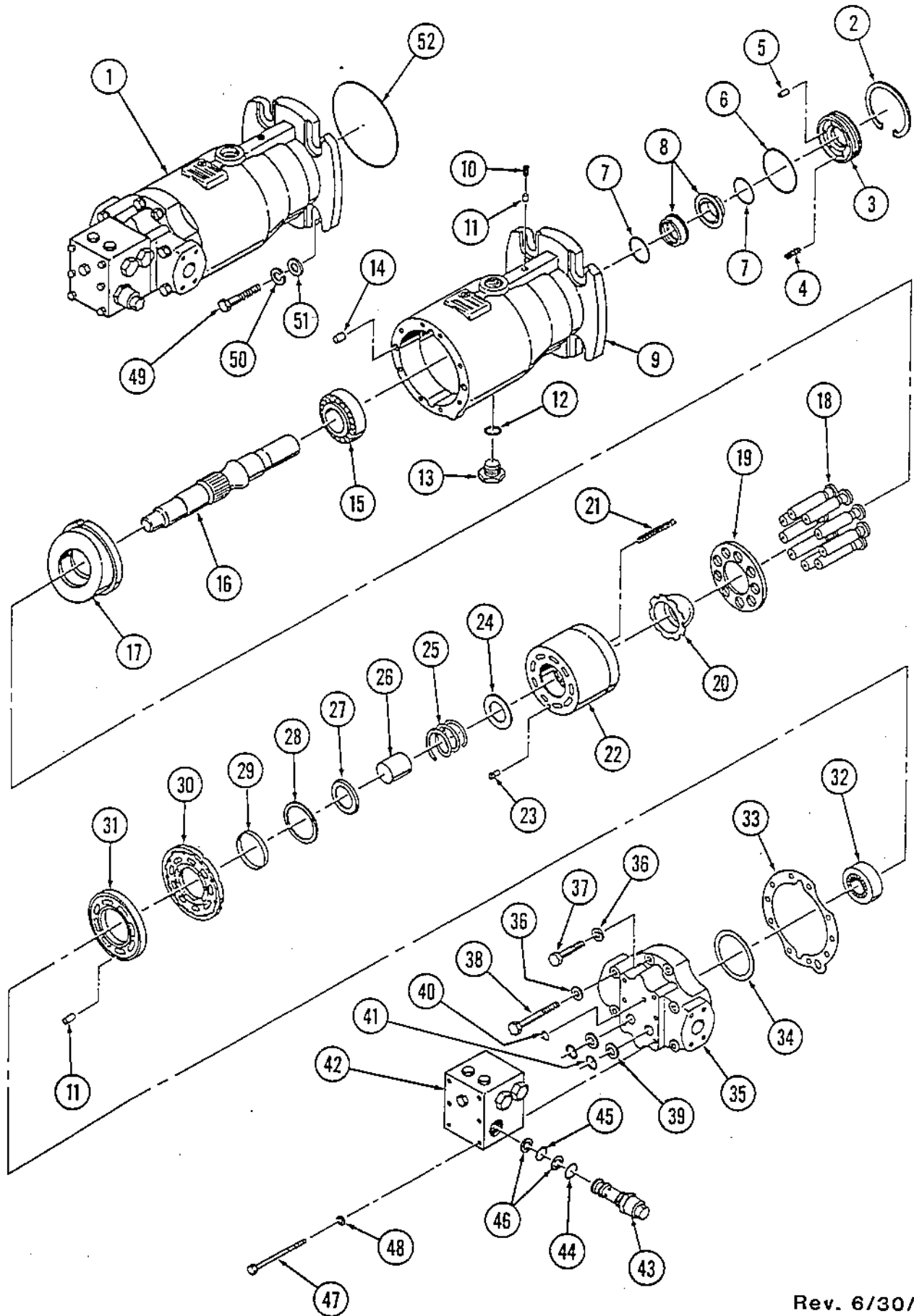
Page		Group		Illustration Number	Catalog Number	Illustration	
30		5		PA-15-PL203	PA-15-PL01	Traction Motor, Drive Axle (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
39	1	1	1		481101	Guide Ring	
40	1	1	1		481105	Bearing Plate	
41	1	1	1		481098	Thrust Plate	
42	1	1	1		912090	Bearing Plate	
43	1	1	1		481130	Pin	
44	1	1	1		481077	Bearing	
45	1	1	1		926671	Swash Plate Assy.	
46	1	1	1		922299	Shaft	
47	1	1	1		481079	Bearing	
48	2	2	2		481131	Pin	
49	9	9	9		813846	Washer	
50	3	3	3		813838	Screw	
51	5	5	5		813839	Screw	
52	1	1	1		922360	Cover	
53	10	10	10		912095	Washer	
54	9	9	9		813837	Screw	
55	1	1	1		924603	Servo Sleeve	
56	1	1	1		922303	Housing	
57	2	2	2		481131	Pin	
58	1	1	1		NSS	Housing	
59	1	1	1		924614	Control Plate Assy.	
60	1	1	1		481132	Plug	
61	3	3	3		481196	Screw	
62	1	1	1		924616	Solenoid Valve Assy.	
63	1	1	1		924612	Installation Kit	
64	1	1	1		924611	Solenoid	
65	4	4	4		924610	Screw	
66	1	1	1		924579	Seal Kit	
67	2	2	2		900189	Hose Assy.	
68	1	1	1		NSS	Shim	
69	1	1	1		926921	Servo Piston	
70	1	1	1		926923	Washer	
71	1	1	1		926924	Washer	
72	1	1	1		926922	Nut	
73	6	6	6		900187	Screw	
74	6	6	6		900188	Washer	



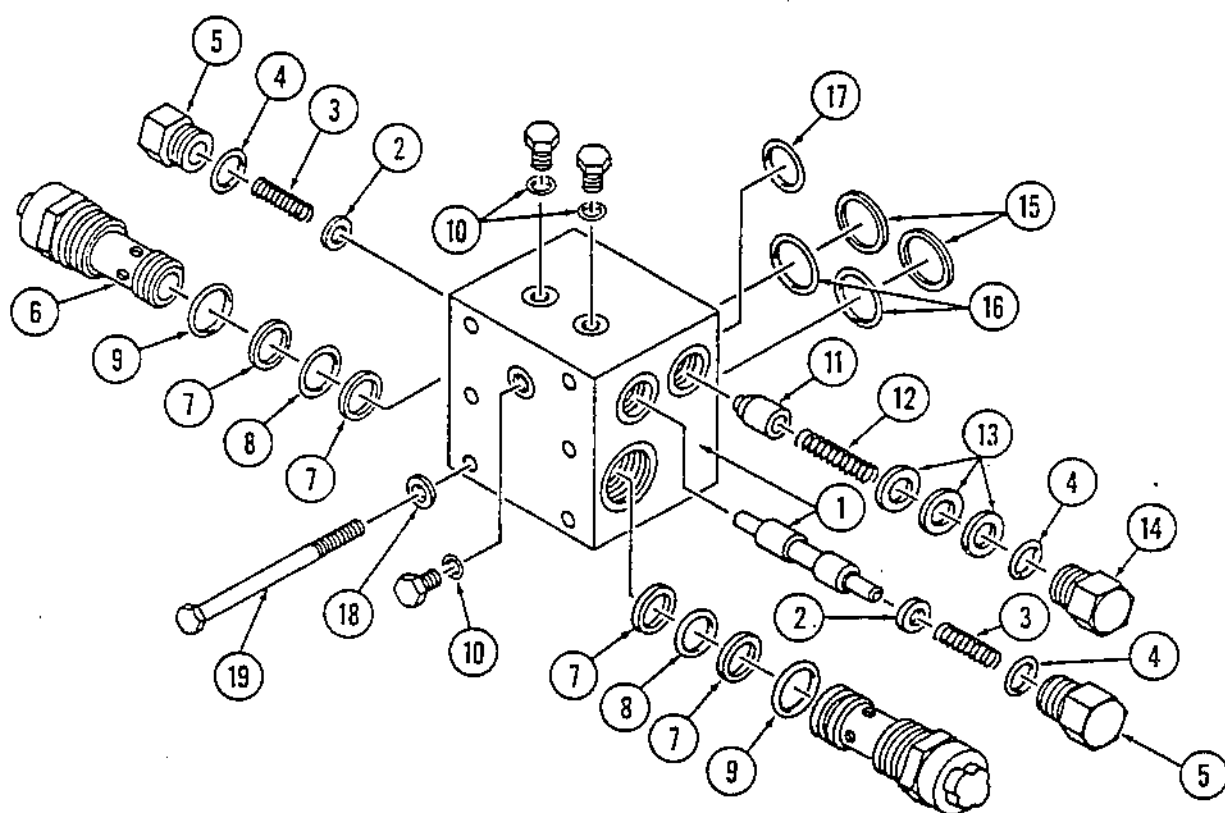
Page		Group		Illustration Number	Catalog Number	Illustration	
32		5		PA-15-PL121	PA-15-PL01	Traction Motor (Drive Axle) (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
1	1	1	1		335557	Assembly, Traction Motor	
-	1	1	1		813626	Kit, Seal	
2	1	1	1		813621	Ring, Retaining	
3	1	1	1		813622	Retainer, Seal	
4	6	6	6		813625	Seal, Spring	
5	1	1	1		813619	Pin, Groove	
6	1	1	1		813612	O-Ring	
7	2	2	2		813616	O-Ring	
8	1	1	1		813624	Seal Kit	
9	1	1	1		813865	Housing, Motor	
10	1	1	1		813825	Plug, Pipe	
11	2	2	2		813821	Pin	
12	1	1	1		813618	O-Ring	
13	1	1	1		813827	Plug, HH	
14	2	2	2		813822	Pin	
15	1	1	1		813815	Bearing, Front	
16	1	1	1		921370	Shaft, Drive	
17	1	1	1		813876	Plate, Swash	
-	1	1	1		893013	Kit, Cylinder Block	
18	9	9	9		813873	Piston	
19	1	1	1		813870	Slipper, Retainer	
20	1	1	1		813866	Guide, Retainer	
21	9	9	9		813853	Spring, Retaining	
22	1	1	1		813874	Assembly, Cylinder Block	
23	1	1	1		813851	Pin	
24	1	1	1		813854	Seat, Spring	
25	1	1	1		480306	Spring Cylinder Block	
26	1	1	1		813856	Guide, Spring	
27	1	1	1		813855	Retainer, Spring	
28	1	1	1		813829	Ring, Retaining	
29	1	1	1		813875	Pilot	
30	1	1	1		813878	Plate, Bearing	



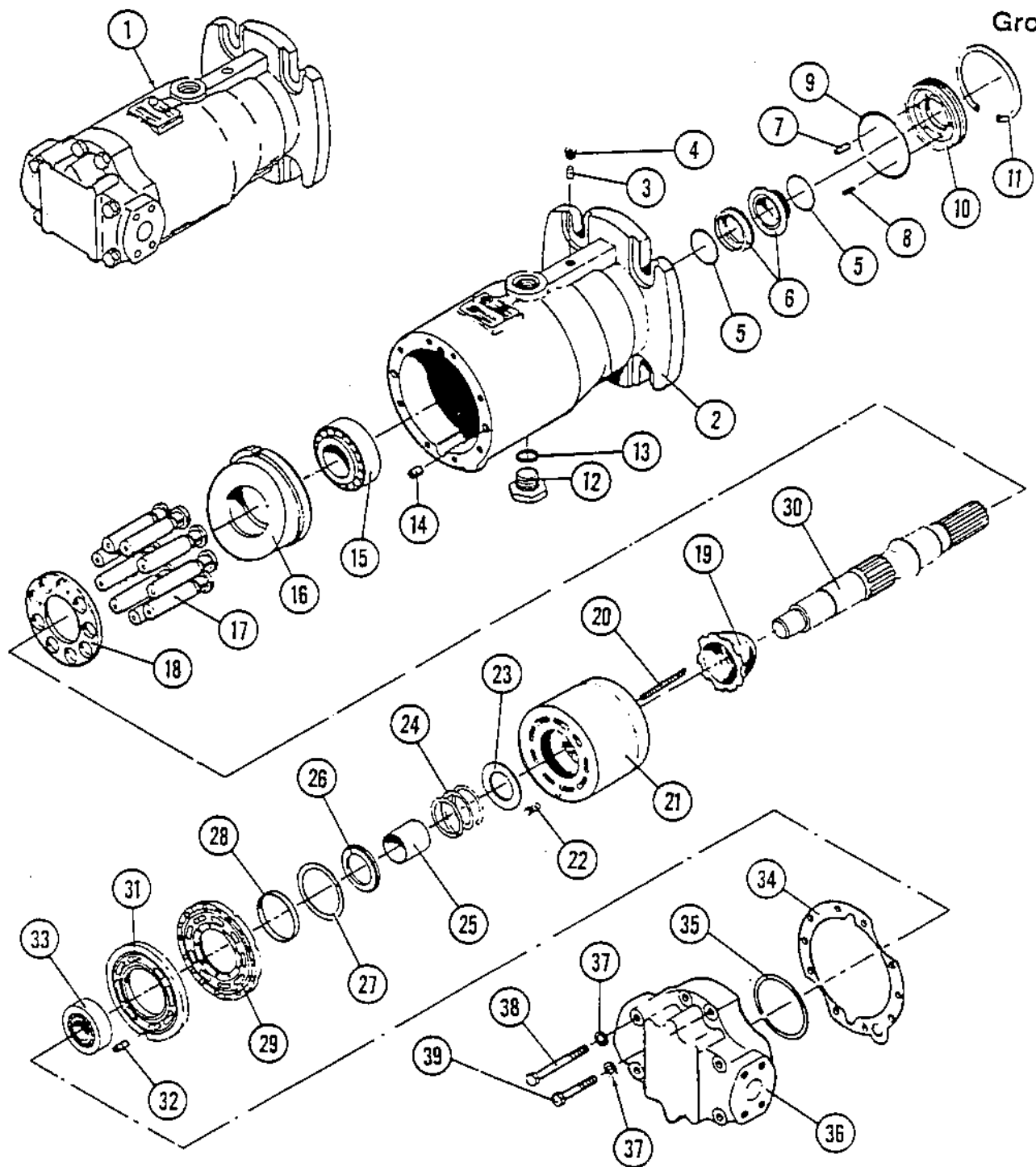
Page		Group		Illustration Number		Catalog Number		Illustration	
34		5		PA-15-PL121		PA-15-PL01		Traction Motor (Drive Axle) (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
31	1	1	1		893010	Plate, Valve	See Group 5		
32	1	1	1		813813	Bearing, Rear			
33	1	1	1		813862	Gasket, End Cap			
34	A/R	A/R	A/R		813880	Shim			
35	1	1	1		893011	Cap, End			
36	9	9	9		813846	Washer			
37	5	5	5		813839	Capscrew, HH			
38	3	3	3		813838	Capscrew, HH			
-	1	1	1		481228	Kit, Seal			
39	2	2	2		813620	Ring			
40	1	1	1		813611	O-Ring			
41	2	2	2		813615	O-Ring			
42	1	1	1		480204	Assembly, Manifold Valve			
43	2	2	2		813627	Kit, High Pres. Relief Valve			
44	1	1	1		480348	O-Ring			
45	1	1	1		480344	O-Ring			
46	2	2	2		480355	Ring, Back-up			
47	6	6	6		813836	Capscrew, HH			
48	6	6	6		813845	Washer, Flat			
49	4	4	4		502059	Capscrew, HH			
50	4	4	4		604030	Lockwasher			
51	4	4	4		615094	Washer, Flat			
52	1	1	1		801413	O-Ring			



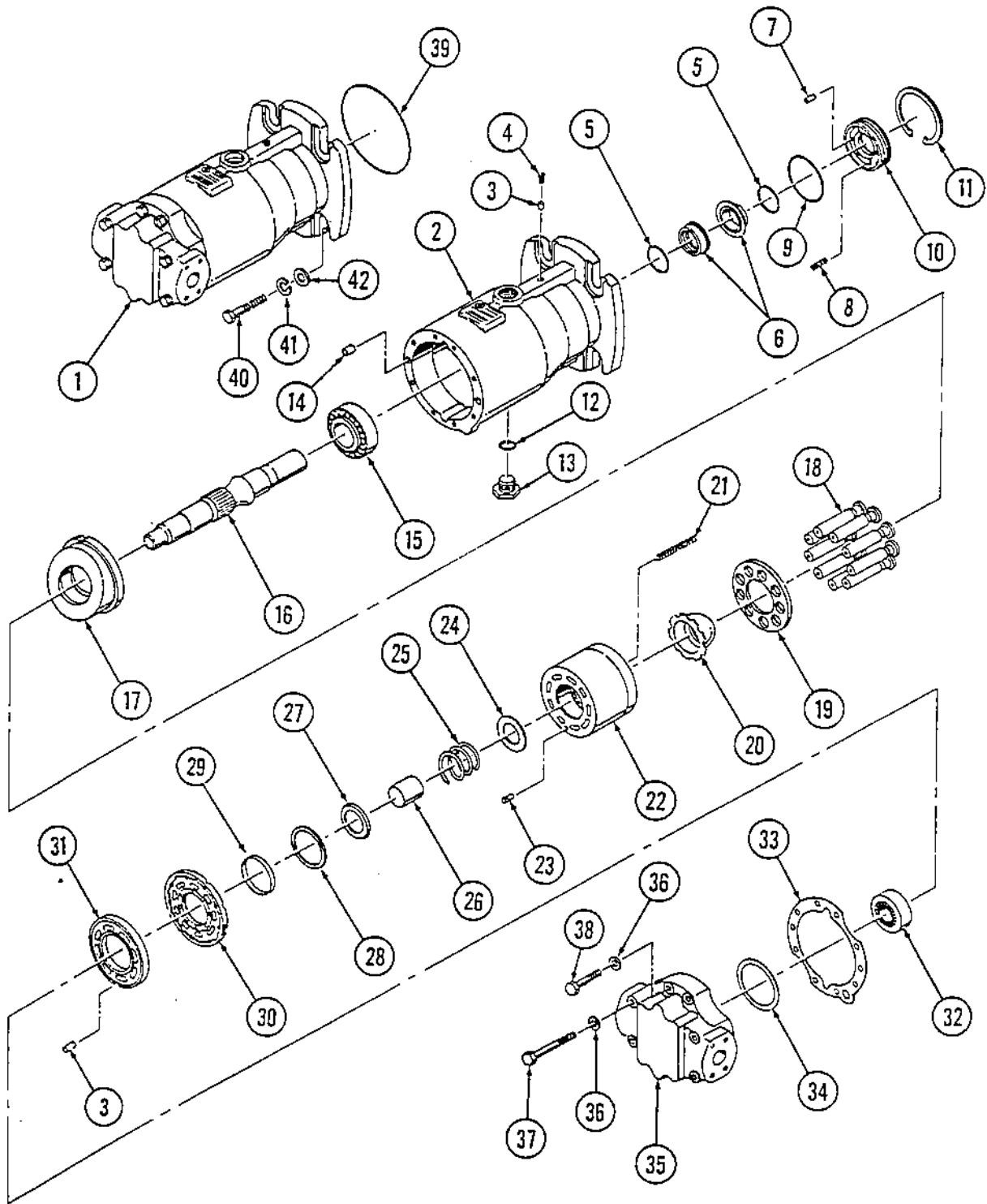
Page		Group		Illustration Number		Catalog Number		Illustration	
36		5		PA-15-PL116		PA-15-PL01		Manifold Valve Assembly (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
-	1	1	1		480204	Assembly, Manifold Valve	S/N 741 & Up To S/N 740		
1	1	1	1		NSS	Assembly, Housing & Shuttle			
2	2	2	2		480637	Washer			
3	2	2	2		480407	Spring, Shuttle Valve			
4	3	3	3		813618	O-Ring			
5	2	2	2		480408	Plug, HH			
6	2	2	2		813627	Valve, High Pressure Relief			
-	2	2	2		813493	Valve, High Pressure Relief			
7	2	2	2		480355	Ring, Back-Up			
8	1	1	1		480344	O-Ring			
9	1	1	1		480348	O-Ring			
10	3	3	3		813617	O-Ring			
11	1	1	1		233194	Valve, Charge Relief			
12	1	1	1		911068	Spring, Charge Relief			
13	3	3	3		480402	Shims			
14	1	1	1		480408	Plug, HH			
15	2	2	2		813620	Ring, Back-Up			
16	2	2	2		813615	O-Ring			
17	1	1	1		813611	O-Ring			
18	6	6	6		813845	Washer, Flat			
19	6	6	6		813836	Capscrew, HH			



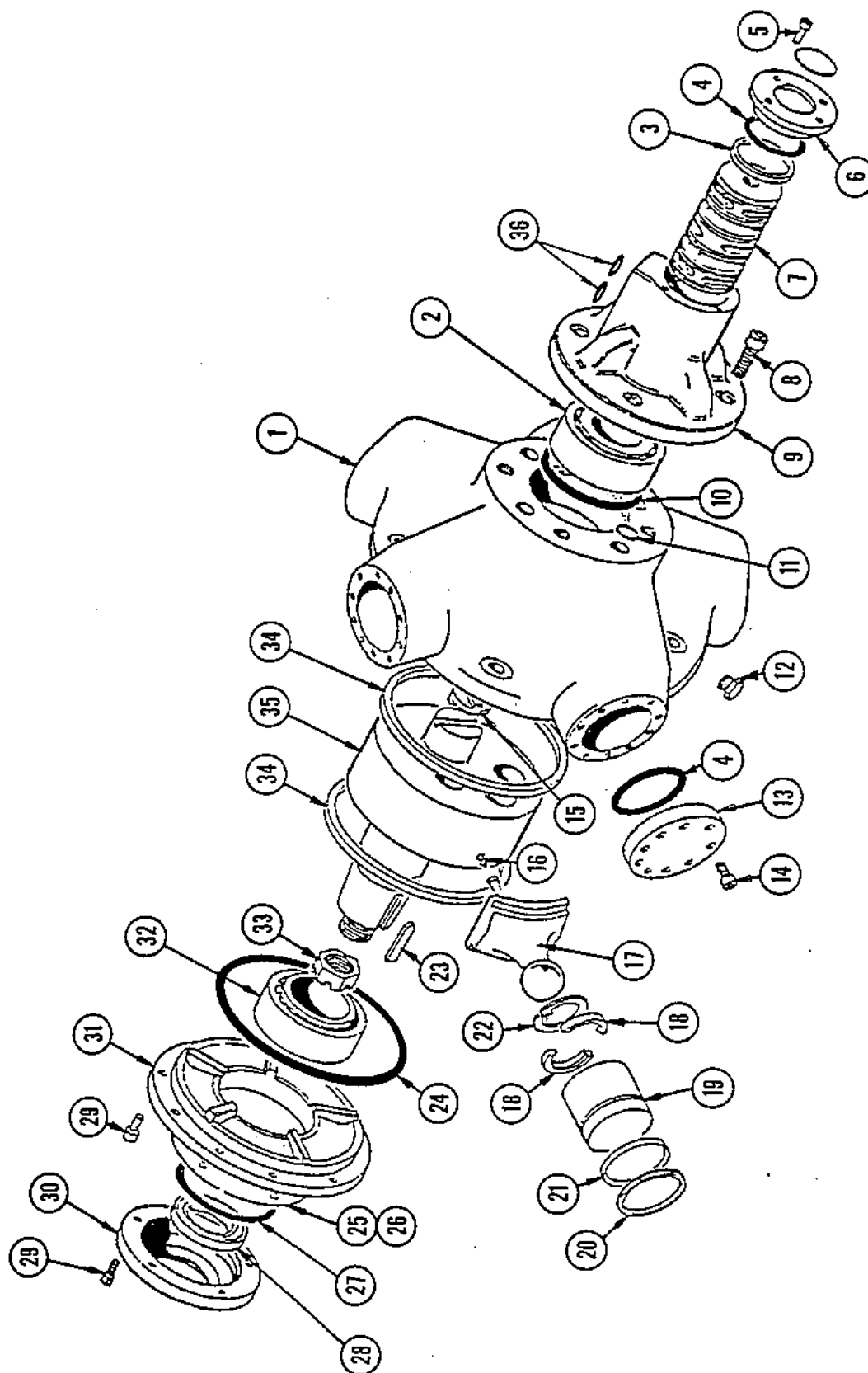
Page		Group		Illustration Number		Catalog Number		Illustration	
38		5		PA15-PL193		PA15-PL01		Traction Motor, Drum Drive (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
1	3	3			802311	Motor Assembly, Traction			
2	1	1			481211	Housing, Motor			
3	1	1			813821	Pin			
4	1	1			813825	Plug			
-	1	1			813626	Kit, Seal			
5	2	2			813616	O-Ring			
6	1	1			813624	Seal, Kit			
7	1	1			813619	Pin, Groove			
8	6	6			813625	Spring, Seal			
9	1	1			813612	O-Ring			
10	1	1			813622	Seal, Retainer			
11	1	1			813621	Ring, Retainer			
12	1	1			892979	Plug, Hex Hd			
13	1	1			813618	O-Ring			
14	2	2			813822	Pin			
15	1	1			813815	Bearing, Front			
16	1	1			481217	Plate, Swash			
-	1	1			481227	Kit, Cylinder Block			
17	9	9			481223	Assembly, Piston			
18	1	1			481215	Retainer, Slipper			
19	1	1			481214	Guide, Slipper Retainer			
20	6	6			481226	Spring, Slipper Retainer			
21	1	1			481225	Block, Cylinder			
22	1	1			813851	Pin			
23	1	1			481209	Seat, Spring			
24	1	1			481224	Spring, Cylinder Block			
25	1	1			481210	Guide, Spring			
26	1	1			481219	Retainer, Spring			
27	1	1			481207	Ring, Retainer			
28	1	1			481216	Pilot, Bearing Plate			
29	1	1			481218	Plate, Bearing			
30	1	1			893008	Shaft			
31	1	1			481221	Plate, Valve			
32	1	1			481206	Pin			
33	1	1			920961	Bearing, Rear			
34	1	1			481213	Gasket, End Cap			
35	1	1			481220	Kit, Shim			
36	1	1			928176	End Cap, Motor			
37	7	7			813846	Washer, Flat			
38	4	4			813839	Capscrew, HH			
39	3	3			813838	Capscrew, HH			



Page		Group		Illustration Number		Catalog Number		Illustration	
40		5		PA-15-PL111		PA-15-PL01		Traction Motor (Drum Drive) (S/N 741 to 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
1	1	1			801144	Assembly, Traction Motor			
2	1	1			813865	Housing, Motor			
3	2	2			813821	Pin			
4	1	1			813825	Plug, Pipe			
-	1	1			813626	Kit, Seal			
5	2	2			813616	O-Ring			
6	1	1			813624	Seal			
7	1	1			813619	Pin, Groove			
8	6	6			813625	Seal, Spring			
9	1	1			813612	O-Ring			
10	1	1			813622	Retainer, Seal			
11	1	1			813621	Ring, Retaining			
12	1	1			813618	O-Ring			
13	1	1			892979	Plug, HH			
14	2	2			813822	Pin			
15	1	1			813815	Bearing, Front			
16	1	1			921370	Shaft, Drive			
17	1	1			813876	Plate, Swash			
-	1	1			893013	Kit, Cylinder Block			
18	9	9			813873	Piston			
19	1	1			813870	Slipper, Retainer			
20	1	1			813866	Guide, Retainer			
21	6	6			911060	Spring, Retainer			
22	1	1			813874	Assembly, Cylinder Block			
23	1	1			813851	Pin			
24	1	1			813854	Seat, Spring			
25	1	1			480306	Spring, Cylinder Block			
26	1	1			813856	Guide, Spring			
27	1	1			813855	Retainer, Spring			
28	1	1			813829	Ring, Retaining			
29	1	1			813875	Pilot			
30	1	1			813878	Plate, Bearing			
31	1	1			893010	Plate, Valve			
32	1	1			813813	Bearing, Rear			
33	1	1			813862	Gasket, End Cap			
34	A/R	A/R			813880	Shim			
35	1	1			911061	Cap, End			
36	9	9			813846	Washer			
37	5	5			813839	Capscrew, HH			
38	3	3			813838	Capscrew, HH			
39	1	1			801413	O-Ring			
40	4	4			502059	Capscrew, HH			
41	4	4			604030	Lockwasher			
42	4	4			615094	Washer, Flat			

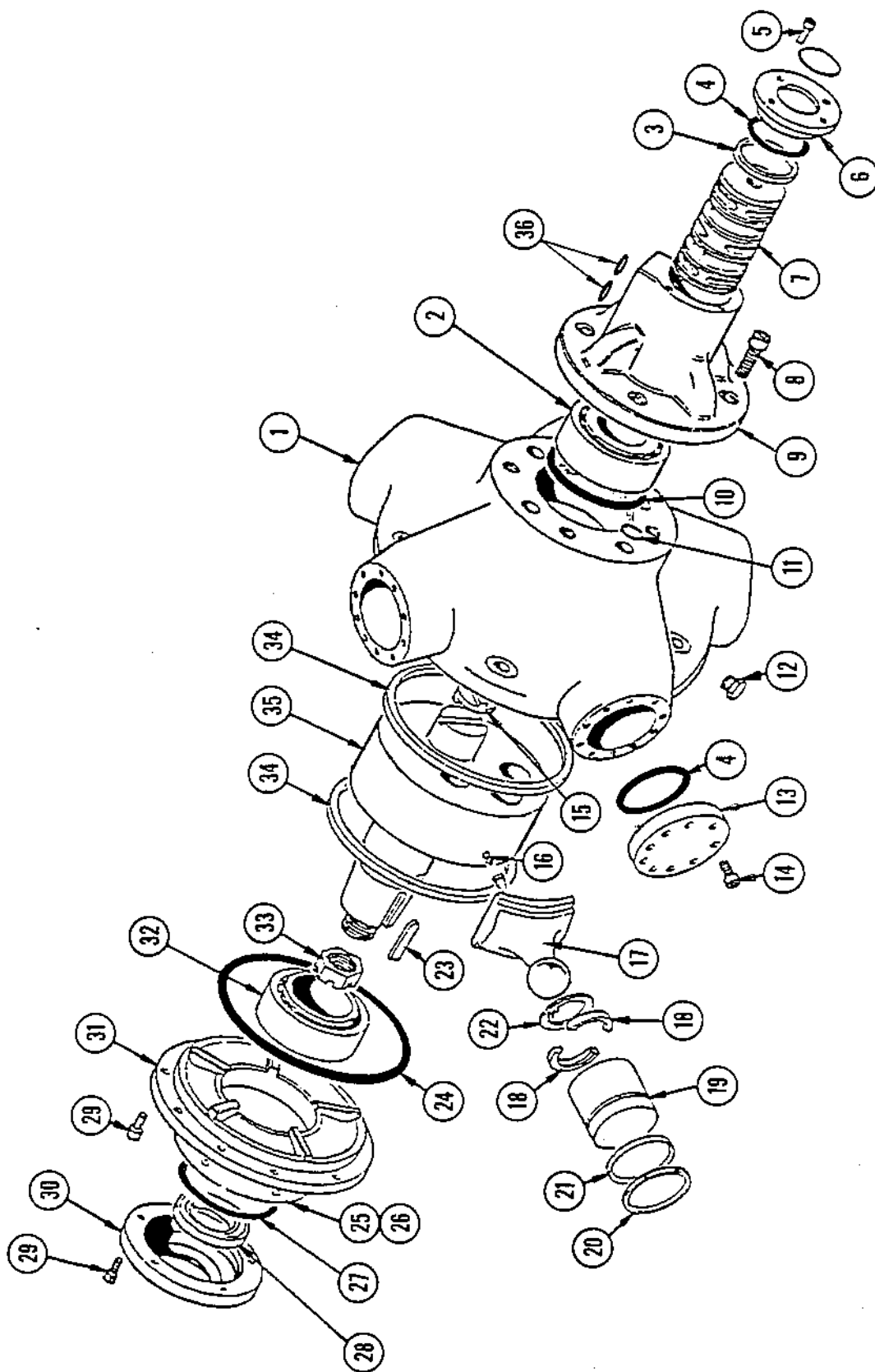


Page		Group		Illustration Number		Catalog Number		Illustration	
42		5		PA-15-PL113		PA-15-PL01		Staffa Traction Motor (S/N 441 to 740)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
-	1	1			801101	Traction Motor (HDB200 80X)	S/N 441 to 740		
1	1	1			892355	Case, Motor			
2	1	1			814212	Bearing, Rear			
3	12	12			893473	Seal, Valve Ring			
4	5	5			892660	O-Ring, End Cap			
5	4	4			911580	Capscrew, Soc. Hd. Valve End Cap			
6	1	1			893471	End Cap, Valve			
7	1	1			892651	Spool, Valve			
8	5	5			892658	Capscrew, Soc. Hd. Valve Mounting			
9	1	1			893382	Housing, Valve			
10	1	1			814210	O-Ring, Spigot			
11	5	5			814202	O-Ring-Valve Face Ports			
12	2	2			814196	Plug, Drain			
13	5	5			814170	Head, Cylinder			
14	50	50			814208	S.H.C.S. Cylinder Head			
15	1	1			481061	Coupling, Oldham			
16	5	5			481069	Screw, Restrictor			
17	5	5			893463	Rod, Connecting			
18	10	10			893469	Ring, Half Piston Retaining			
19	5	5			481067	Piston			
20	5	5			814185	Ring, Piston Seal Backing			
21	5	5			814184	Ring, Piston Seal			
22	5	5			814209	Circlip			
23	1	1			891848	Key (1.002 x 1.001 x 3/4")			
24	1	1			814195	O-Ring, Front Cover			
25	A/R	A/R			911132	Shim, Plastic, .002"			
-	A/R	A/R			911133	Shim, Plastic, .005"			
-	A/R	A/R			911134	Shim, Plastic, .010"			
26	A/R	A/R			893468	Shim, Steel .032"			
27	1	1			481073	O-Ring, Shim Plate			
28	1	1			892656	Seal, Shaft			
29	10	10			892657	Capscrew, Soc. Hd. Front Plate Cover			
30	1	1			814189	Plate, Shim			
31	1	1			814188	Cover, Front			
32	1	1			814213	Bearing, Front			
33	1	1			480616	Nut			
34	2	2			814182	Ring, Retaining Connecting Rod			
35	1	1			893647	Assembly, Crankshaft			
36	2	2			814202	O-Ring, Inlet/Output Ports			
-	1	1			893383	Assembly, Complete Valve			
-	5	5			893466	Sub-Assy., Complete Piston			

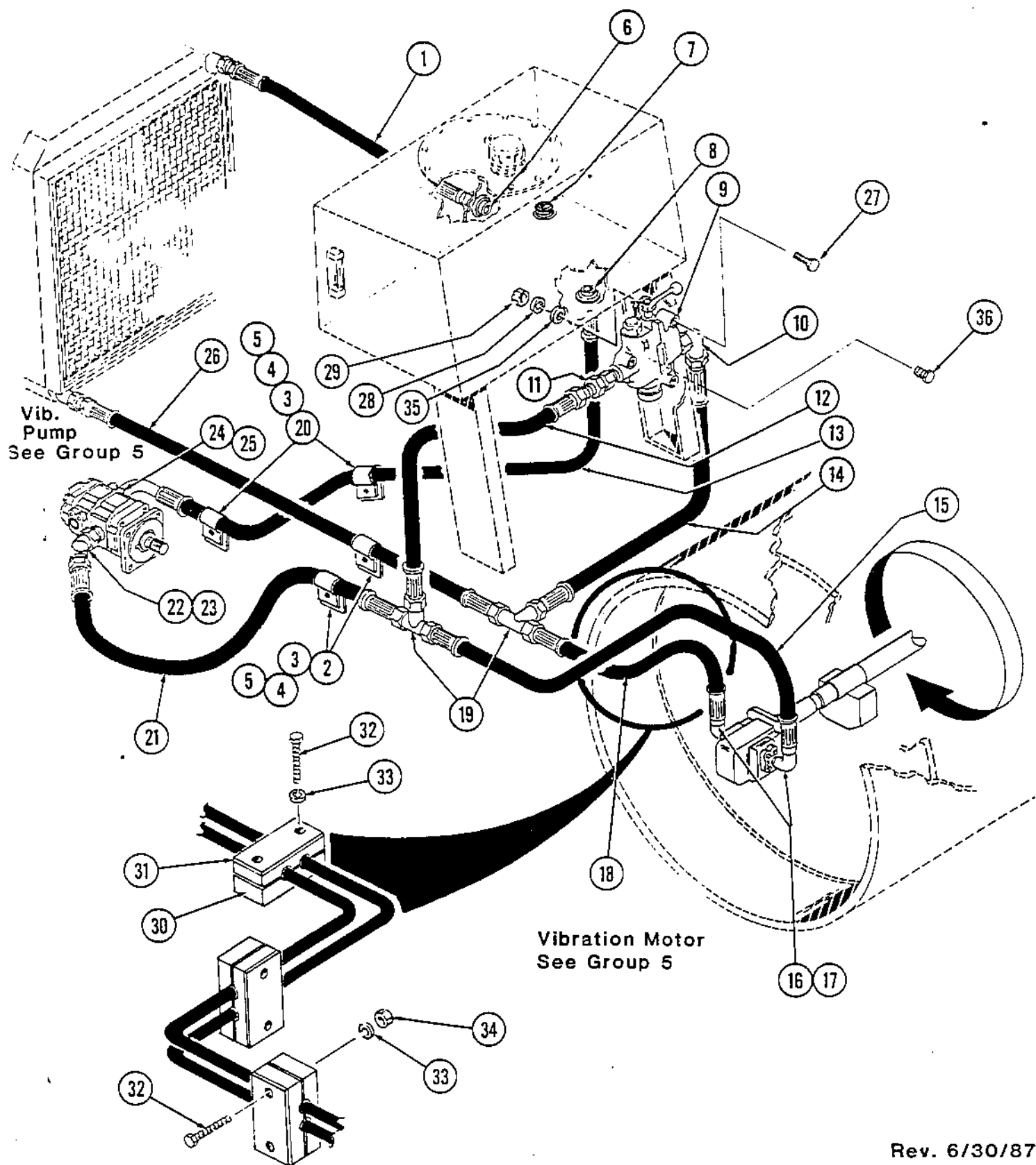


Page		Group		Illustration Number		Catalog Number		Illustration	
44		5		PA-15-PL112		PA-15-PL01		Staffa Traction Motor (To S/N 440)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 D	15 PD							
-	1	1			* 801063	Traction Motor (HDB 200)	To S/N 440		
1	1	1			892355	Case, Motor			
2	1	1			814212	Bearing, Rear			
3	12	12			893472	Seal, Valve Ring			
4	5	5			893464	O-Ring, End Cap			
5	4	4			814207	Capscrew, Soc. Hd., Valve End Cap			
6	1	1			893470	End Cap, Valve			
7	1	1			481065	Spool, Valve			
8	5	5			814206	Capscrew, Soc. Hd. Valve Mounting			
9	1	1			814181	Housing, Valve			
10	1	1			814210	O-Ring, Spigot			
11	5	5			814202	O-Ring, Valve Face Ports			
12	2	2			814196	Plug, Drain			
13	5	5			814170	Cylinder, Head			
14	50	50			814208	Capscrew, Soc. Hd. Cylinder Head			
15	1	1			814186	Coupling, Oldham			
16	5	5			481069	Screw, Restrictor			
17	5	5			893463	Rod, Connecting			
18	10	10			893469	Ring, Half Piston Retaining			
19	5	5			481067	Piston			
20	5	5			814185	Ring, Piston Seal Backing			
21	5	5			814184	Ring, Piston Seal			
22	5	5			814209	Circlip			
23	1	1			891848	Key (1.002 x 1.001 x 3/4")			
24	1	1			814195	O-Ring, Front Cover			
25	A/R	A/R			911132	Shim, Plastic, .002"			
-	A/R	A/R			911133	Shim, Plastic, .005"			
-	A/R	A/R			911134	Shim, Plastic, .010"			
26	A/R	A/R			893468	Shim, Steel .032"			
27	1	1			481073	O-Ring, Shim Plate			
28	1	1			892656	Seal, Shaft			
29	10	10			892657	Capscrew, Soc. Hd. Front Plate Cover			
30	1	1			814189	Plate, Shim			
31	1	1			814188	Cover, Front			
32	1	1			814213	Bearing, Front			
33	1	1			480616	Nut			
34	2	2			814182	Ring, Retaining Connecting Rod			
35	1	1			893647	Assembly, Crankshaft			
36	2	2			813797	O-Ring, Inlet/Output Ports			
-	1	1			892882	Assembly, Complete Valve			
-	5	5			893466	Sub-Assy., Complete Piston			

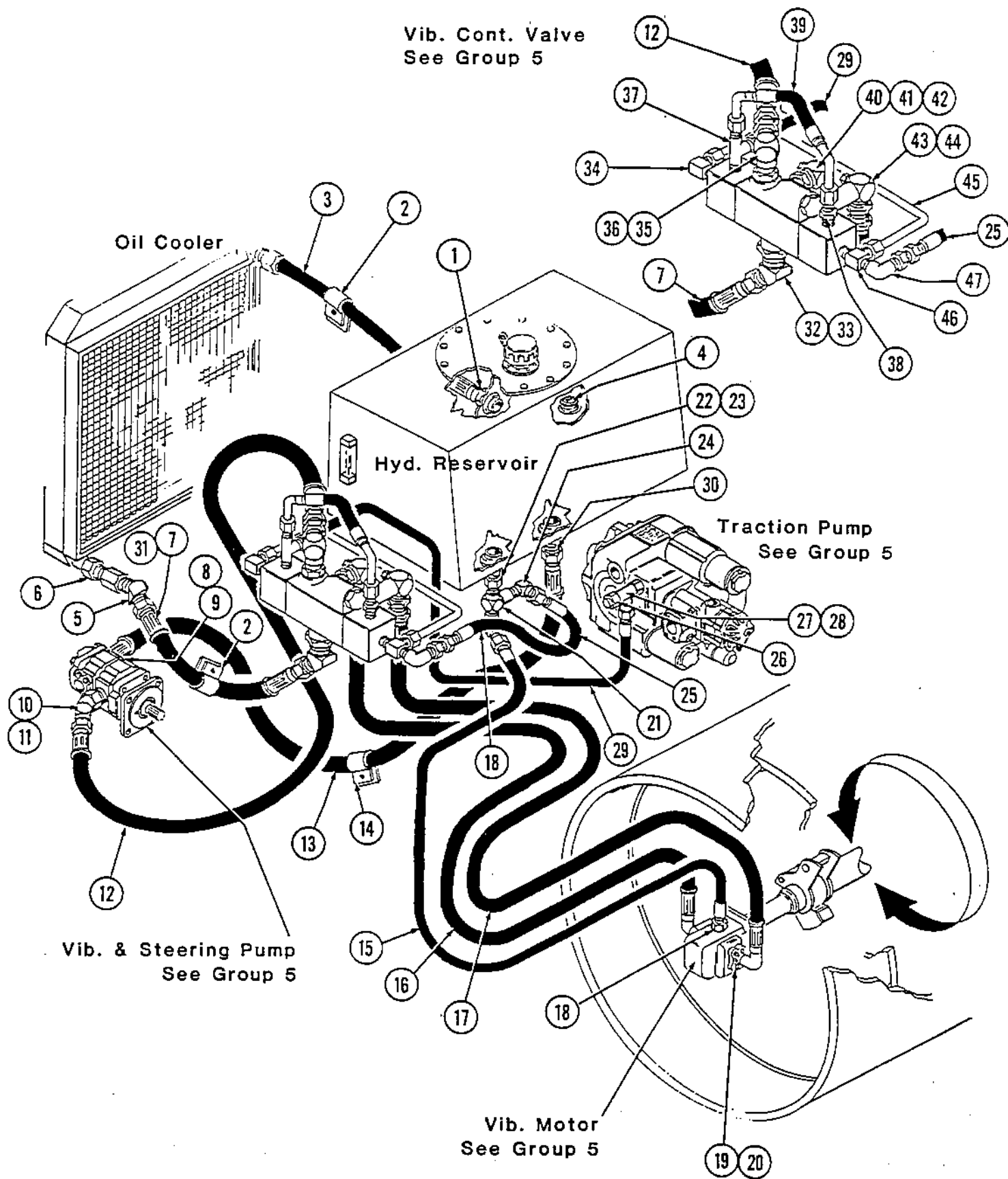
*Motor 801063 is no longer available. For complete Motor replacement use P/N 801101 plus 2 Adapters P/N 334441 and 1 each of the following Hose Assemblies. 1 Hose P/N 81508936 and 1 Hose 81508937.



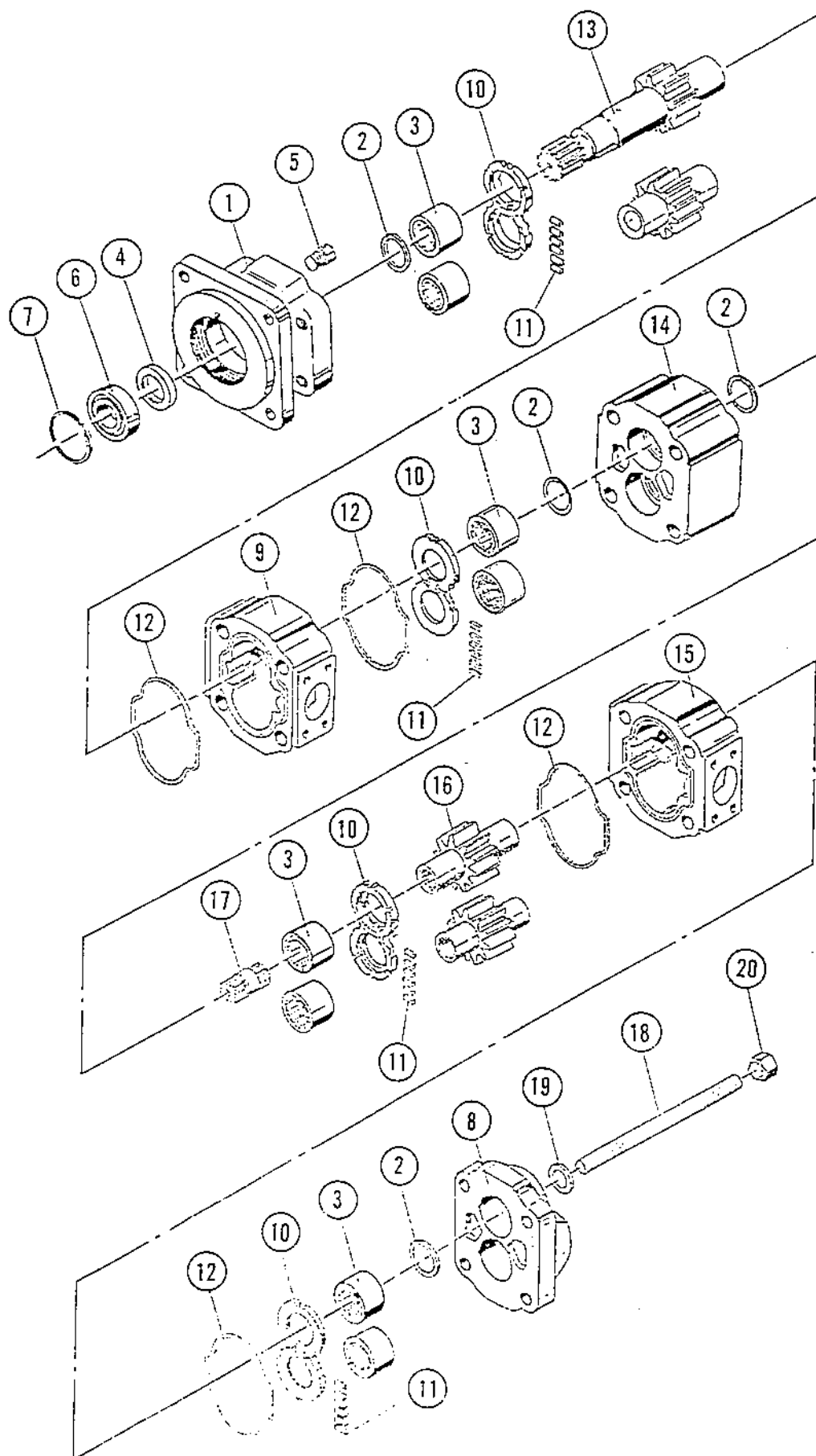
Page		Group		Illustration Number		Catalog Number		Illustration	
46		5		PA-15-PL177		PA-15-PL01		Vibration System	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		81508918	Hose Assy., Hyd. Res. to Oil Cooler			
2	2	2	2		921102	Clamp, Hose			
3	3	3	3		801459	Capscrew			
4	3	3	3		604028	Lockwasher			
5	3	3	3		571003	Hex Nut			
6	1	1	1		813428	Connector, Male			
7	1	1	1		813784	Plug, Magnetic Pipe			
8	1	1	1		334126	Connector, Male			
9	1	1	1		335564	Valve, Vib. Control (See Group 5)			
10	1	1	1		334128	Elbow 90°			
11	1	1	1		334617	Connector, Male			
12	1	1	1		81508914	Hose Assy., Vib. Valve to Tee			
13	1	1	1		81508919	Hose Assy., Hyd. Res to Pump			
14	1	1	1		81508915	Hose Assy., Vib Valve to Tee			
15	1	1	1		81508912	Hose Assy., Tee to Motor			
16	2	2	2		332073	Flange, Kit			
17	1	1	1		813429	O-Ring			
18	1	1	1		81508913	Hose Assy., Tee to Motor			
19	2	2	2		334129	Tee			
20	2	2	2		921108	Clamp, Hose			
21	1	1	1		81508917	Hose Assy., Pump to Tee			
22	1	1	1		334132	Elbow 45°			
23	1	1	1		160153	O-Ring			
24	1	1	1		332065	Flange, Kit			
25	1	1	1		160191	O-Ring			
26	1	1	1		81508916	Hose, Assy., Oil Cooler to Tee			
27	2	2	2		502043	Capscrew, HH			
28	2	2	2		604028	Lockwasher			
29	2	2	2		571003	Hex Nut			
30	3	3	3		335675	Block, Rubber			
31	3	3	3		335632	Plate, Hold Down			
32	6	6	6		502045	Capscrew, HH			
33	6	6	6		604028	Lockwasher			
34	4	4	4		571003	Hex Nut			
35	2	2	2		600007	Washer, Flat			
36	2	2	2		232122	Plug, Pipe			



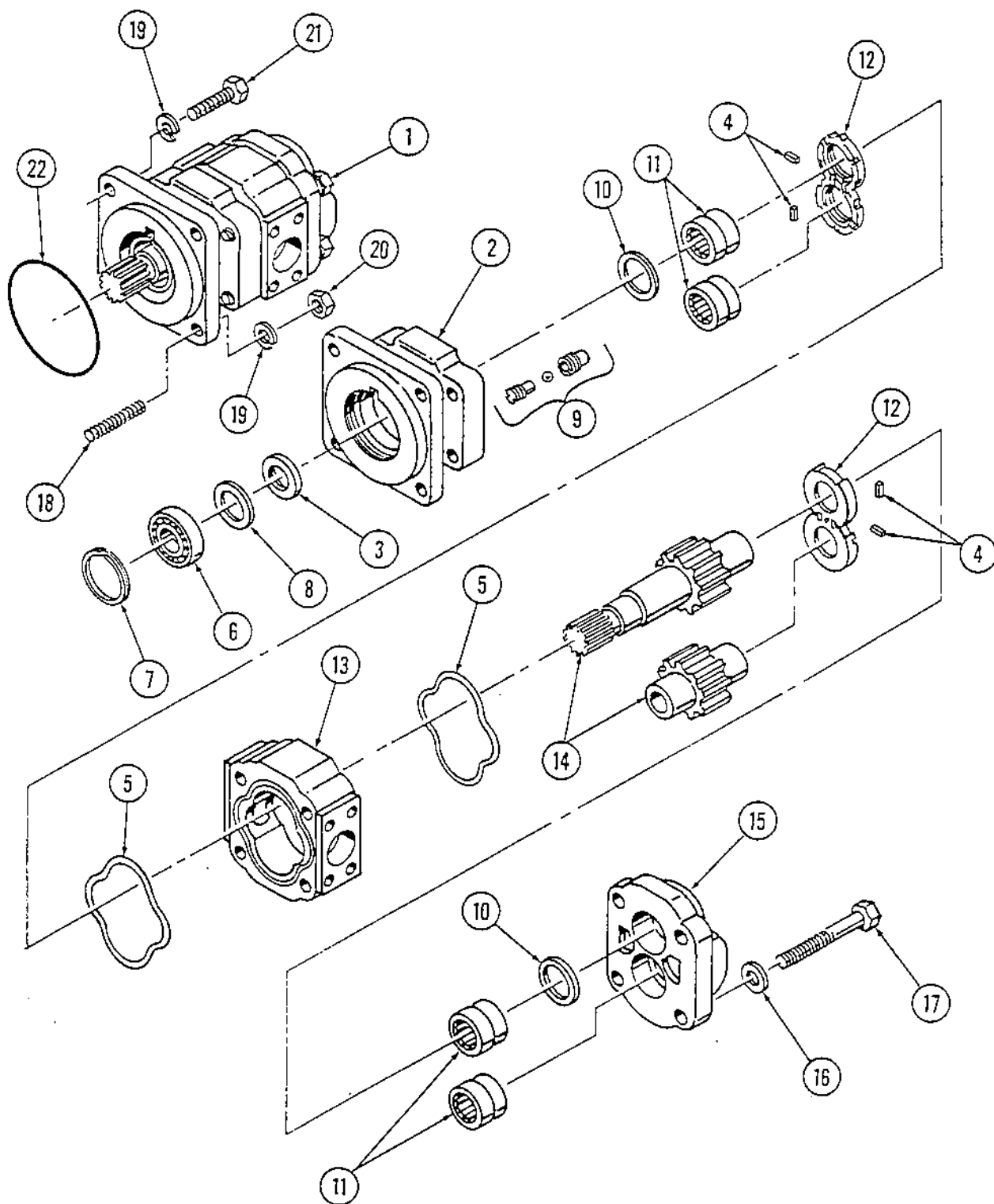
Page		Group		Illustration Number		Catalog Number		Illustration	
48		5		PA-15-PL183		PA-15-PL01		Vibration System (Dual Amplitude To S/N 1850)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D							
1	1	1			813428	Connector, Male			
2	2	2			921102	Clamp, Hose			
3	1	1			81508918	Hose Assy., Oil Cooler To Res.			
4	1	1			813784	Plug, Pipe			
5	1	1			234277	Elbow, 45°			
6	1	1			234331	Union			
7	1	1			81508916	Hose Assy., Oil Cooler To Vib. Valve			
8	1	1			332065	Kit, Flange			
9	1	1			160191	O-Ring			
10	1	1			334132	Elbow, 45°			
11	1	1			160153	O-Ring			
12	1	1			81508930	Hose Assy., Pump To Vib. Valve Inlet			
13	1	1			81508919	Hose Assy., Hyd. Res. To Vib. Pump			
14	1	1			921100	Clamp, Hose			
15	1	1			81508927	Hose Assy., Motor Return To Res.			
16	1	1			81508926	Hose Assy., Vib. Valve To Vib. Motor			
17	1	1			81508925	Hose Assy., Vib. Valve To Vib. Motor			
18	2	2			234327	Elbow, 45°			
19	2	2			332073	Kit, Flange			
20	1	1			813429	O-Ring			
21	1	1			234320	Tee			
22	1	1			234316	Nipple, Hex			
23	1	1			334207	Bushing			
24	2	2			234322	Elbow, 90°			
25	1	1			81508928	Hose Assy., Vib. To Hyd. Res.			
26	1	1			332125	Cap, Hex Nut			
27	1	1			334359	Tee			
28	1	1			160150	O-Ring			
29	1	1			84218204	Hose Assy., Traction Pump To Vib. Valve			
30	1	1			334126	Connector			
31	1	1			813348	Grommet			
32	1	1			334132	Elbow, 45°			
33	1	1			160153	O-Ring			
34	1	1			234335	Elbow, 90°			
35	1	1			813499	Elbow, 90°			
36	1	1			160153	O-Ring			
37	1	1			234333	Tee			
38	1	1			234358	Connector			
39	1	1			84218202	Hose Assy., Vib. Control Valve			
40	1	1			815146	Elbow, 90°			
41	1	1			160153	O-Ring			
42	2	2			232124	Plug, Hex. Hd.			
43	1	1			815147	Elbow, 90°			
44	1	1			160153	O-Ring			
45	1	1			570201	Tubing, Copper			
46	1	1			234336	Tee			



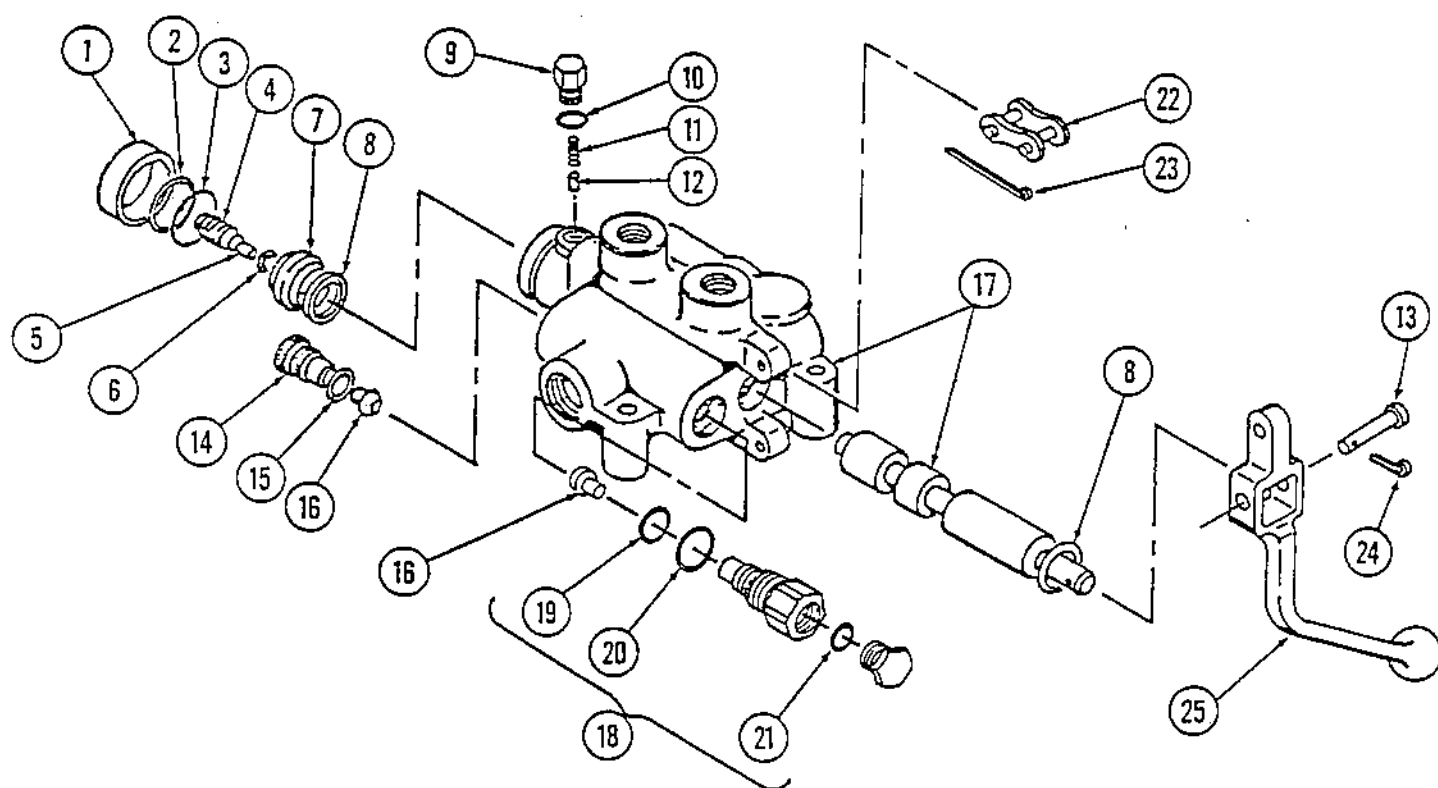
Page		Group		Illustration Number	Catalog Number	Illustration	
50		5		PA-15-PL120	PA-15-PL01	Vibration & Steering Pump	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		801053	Assembly, Complete Pump	To S/N 517 S/N 518 to 707 709 to 730 S/N 708, 731 & up
-	1	1	1		801102	Assembly, Complete Pump	
-	1	1	1		801153	Assembly, Complete Pump	
1	1	1	1		813904	Cover, End Shaft	
2	4	4	4		813656	Seal, Ring	
3	8	8	8		813921	Bearing, Roller	
4	1	1	1		813919	Seal, Double Lip	
5	1	1	1		813907	Plug	
6	1	1	1		813673	Bearing, Roller	
7	1	1	1		813677	Ring, Retainer	
8	1	1	1		813920	Cover, End Port	
9	1	1	1		481399	Housing, Gear (Use with Pump Assy., 801053 & 801153)	
-	1	1	1		911715	Housing, Gear (Use with Pump Assy., 801102)	
10	4	4	4		813642	Plate, Thrust	
11	24	24	24		813646	Seal, Pocket	
12	4	4	4		813668	Seal, Gasket	
13	1	1	1		911714	Set, Gear & Shaft (Use with Pump Assy., 801053)	
-	1	1	1		911713	Set, Gear & Shaft (Use with Pump Assy., 801102)	
-	1	1	1		481236	Set, Gear & Shaft (Use with Pump Assy., 801153)	
14	1	1	1		480334	Carrier, Bearing	
15	1	1	1		813664	Housing, Gear	
16	1	1	1		813908	Set, Gear	
17	1	1	1		813922	Shaft	
18	4	4	4		813892	Stud	
19	4	4	4		813915	Washer, Flat	
20	4	4	4		813917	Hex Nut	



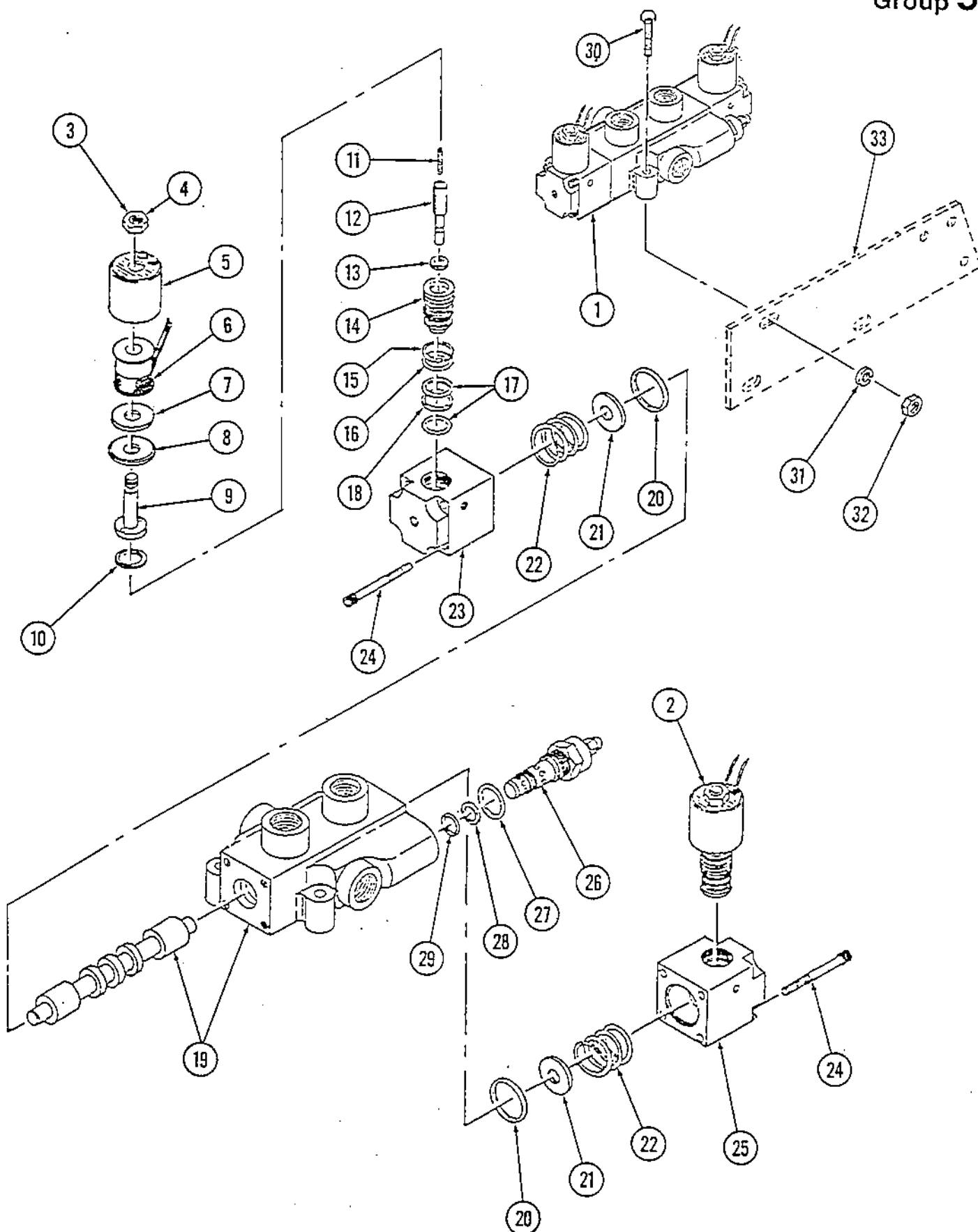
Page		Group		Illustration Number	Catalog Number	Illustration	
52		5		PA-15-PL125	PA-15-PL01	Vibration Motor	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
1	1	1	1		801054	Motor, Vibration	
2	1	1	1		891495	Cover, Shaft End	
-	1	1	1		921563	Kit, Seal	
3	1	1	1		480563	Seal, Shaft	
4	12	12	12		813646	Seal, Pocket	
5	2	2	2		813668	Seal, Gasket	
6	1	1	1		813673	Bearing	
7	1	1	1		813677	Ring, Snap	
8	1	1	1		891019	Retainer, Seal	
9	2	2	2		480499	Check Assembly	
10	2	2	2		813656	Seal, Ring	
11	4	4	4		813921	Bearing, Roller	
12	2	2	2		813642	Plate, Thrust	
13	1	1	1		480333	Housing, Gear	
14	1	1	1		480329	Gear Set, Drive & Shaft	
15	1	1	1		813920	Cover, Port End	
16	4	4	4		813915	Lockwasher	
17	4	4	4		813918	Capscrew, HH	
18	4	4	4		532026	Stud, Threaded	
19	8	8	8		604030	Lockwasher	
20	4	4	4		570005	Hex Nut	
21	4	4	4		502058	Capscrew, HH	
22	2	2	2		813478	O-Ring	



Page		Group		Illustration Number		Catalog Number		Illustration	
54		5		PA-15-PL126		PA-15-PL01		Vibration Control Valve	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1	1	1		335564	Assembly, Valve, Complete			
1	1	1	1		814090	Cover, Rubber			
2	1	1	1		814086	Ring, Snap			
3	1	1	1		814085	Disc			
4	1	1	1		814094	Spring			
5	1	1	1		814082	Bolt			
6	1	1	1		814127	Lockwasher			
7	1	1	1		814128	Sleeve, Detent			
8	2	2	2		814089	Ring, Seal			
9	1	1	1		814126	Plug			
10	1	1	1		814092	Washer			
11	1	1	1		814091	* Spring			
12	1	1	1		814093	Pin			
13	1	1	1		814083	Pin, Clevis			
14	1	1	1		814133	Plug			
15	1	1	1		814095	O-Ring			
16	1	1	1		814132	Cone, Valve			
17	1	1	1		NSS	Housing & Spindle			
18	1	1	1		891745	Cartridge, Relief, 2000 PSI			
-	1	1	1		911581	Kit, Seal			
19	1	1	1		NSS	O-Ring			
20	1	1	1		NSS	O-Ring			
21	1	1	1		NSS	Ring, Seal			
22	1	1	1		813714	Link, Coupling			
23	1	1	1		813714	Pin, Cotter			
24	1	1	1		814077	Pin, Cotter			
25	1	1	1		825338	Handle, Valve			

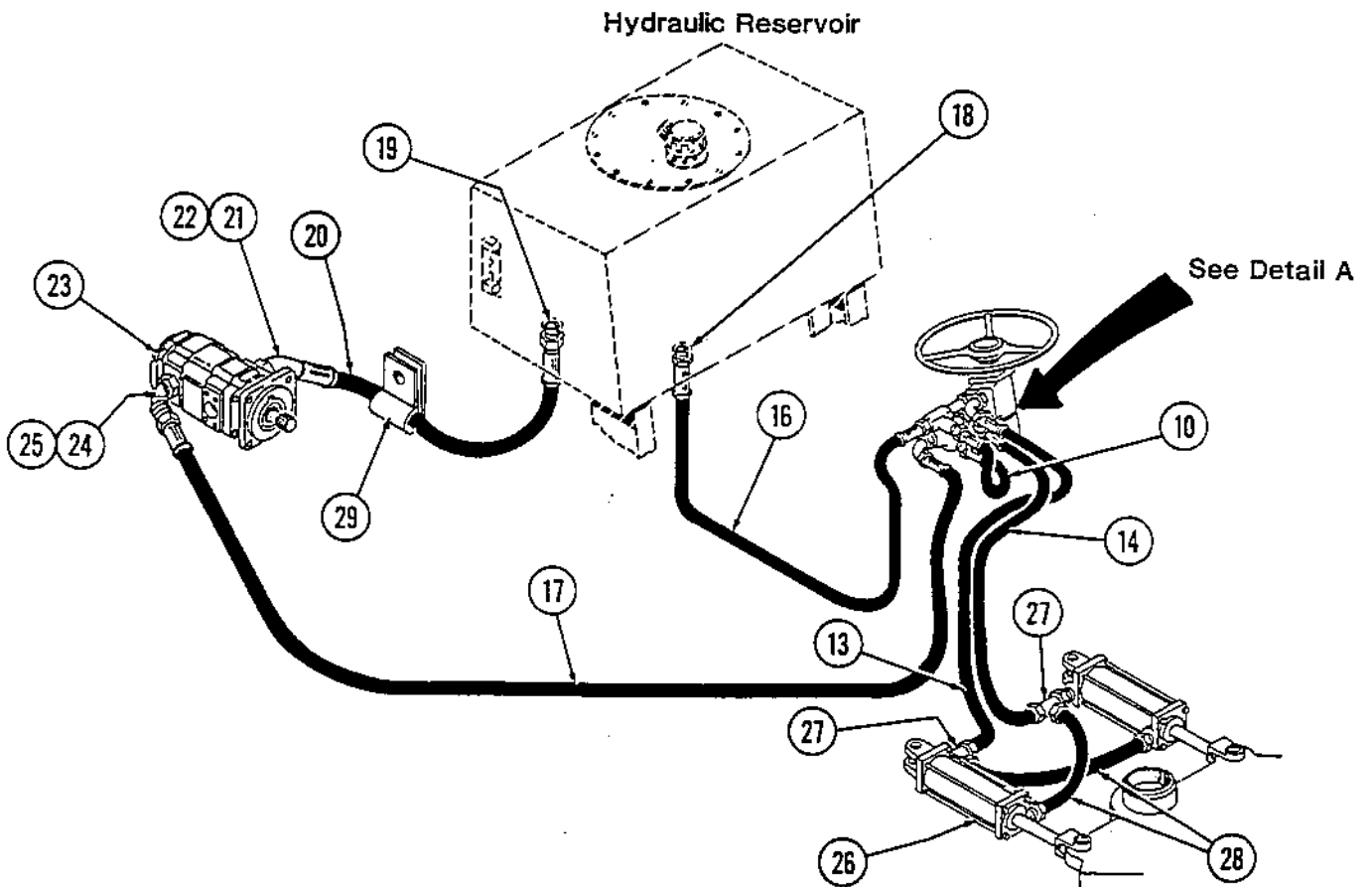
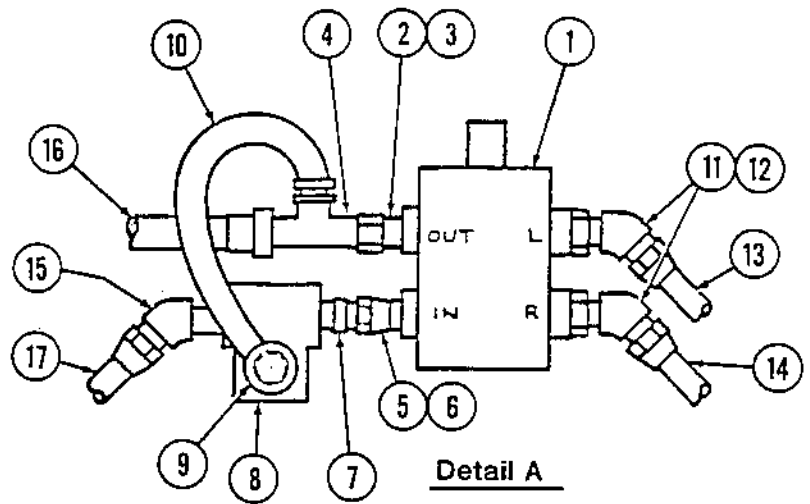


Page		Group		Illustration Number		Catalog Number		Illustration	
56		5		PA-15-PL118		PA-15-PL01		Vibration Control Valve (Dual Amplitude)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D							
1	1	1			337510	Assembly, Complete Valve	To S/N 1850		
2	2	2			975048	Assembly, Solenoid			
3	1	1			NSS	Hex Nut			
4	1	1			NSS	Nameplate			
5	1	1			NSS	Housing, Coil			
6	1	1			975049	Coil, 12 Volt			
7	1	1			NSS	Gasket, Housing			
8	1	1			NSS	Washer, Housing			
9	1	1			NSS	Assembly, Sleeve			
10	1	1			NSS	Seal, Flange			
11	1	1			NSS	Spring, Piston			
12	1	1			NSS	Spool & Piston			
13	1	1			NSS	Spacer			
14	1	1			NSS	Body, Solenoid Cartridge			
15	1	1			481116	Seal, Upper Back-Up			
16	1	1			481113	O-Ring, Upper Cartridge			
17	2	2			481114	O-Ring, Lower Cartridge			
18	1	1			481115	Seal, Lower Back-Up			
19	1	1			NSS	Body, Valve & Spool			
20	2	2			481124	O-Ring			
21	2	2			481111	Washer, Stop			
22	2	2			481112	Spring, Centering			
23	1	1			481120	Block, R.S. Solenoid			
24	8	8			481122	Capscrew			
25	1	1			481119	Block, L.S. Solenoid			
26	1	1			333112	Assembly, Relief Valve, (2000 PSI)			
27	1	1			481125	O-Ring			
28	1	1			481121	Washer, Back-Up			
29	1	1			481123	O-Ring			
30	3	3			502038	Capscrew, HH			
31	3	3			604028	Lockwasher			
32	3	3			571003	Hex Nut			
33	1	1			815931	Bracket (Vib. Cont. Valve)	S/N 1731 to 1850 To S/N 1730		
-	-	-			815765	Bracket (Vib. Cont. Valve)			

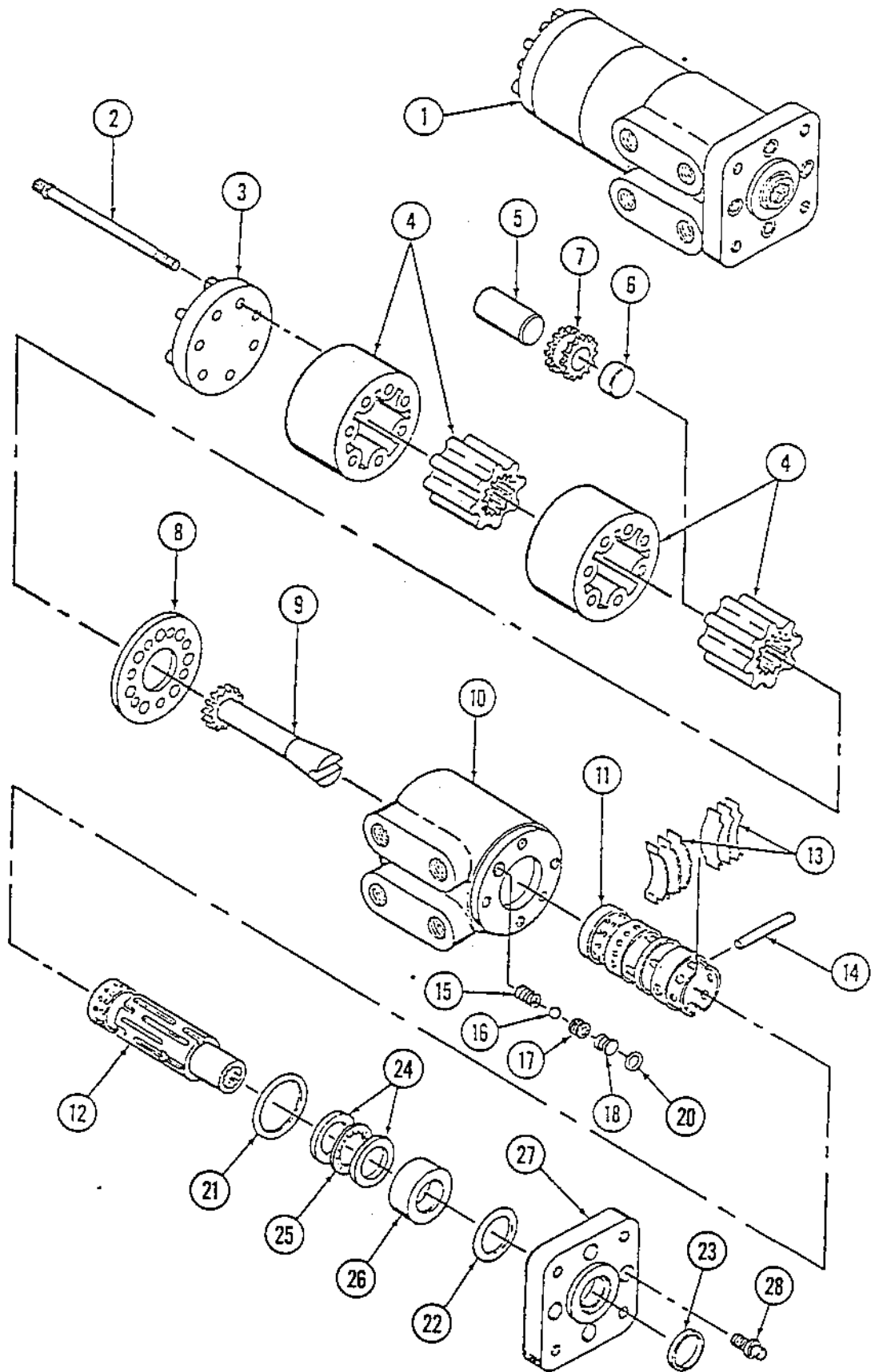


Page		Group		Illustration Number		Catalog Number		Illustration	
58		5		PA-15-PL173		PA-15-PL01		Steering System	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	PD						
1	1	1	1		335567	Valve Assy., Steering (See Group 5)	See Note See Note		
2	1	1	1		334134	Adapter			
3	1	1	1		160146	O-Ring			
4	1	1	1		334135	Tee			
5	1	1	1		813437	Adapter			
6	1	1	1		160146	O-Ring			
7	1	1	1		813438	Adapter, Hex Nipple			
8	1	1	1		480202	Valve, Relief			
9	1	1	1		813435	Elbow 90°			
10	1	1	1		482167	Hose Assy., Relief Valve to Tee			
11	2	2	2		813500	Adapter 45°			
12	1	1	1		160146	O-Ring			
13	1	1	1		81508904	Hose Assy., Valve to RH Cylinder			
14	1	1	1		81508905	Hose Assy., Valve to LH Cylinder			
15	1	1	1		813445	Elbow 45°			
16	1	1	1		81508902	Hose Assy., Valve to Hyd. Reservoir			
17	1	1	1		81508903	Hose Assy., Pump to Valve			
18	1	1	1		334205	Connector			
19	1	1	1		334126	Connector			
20	1	1	1		81508919	Hose, Assy., Hyd. Reservoir to Pump			
21	1	1	1		332065	Kit, Flange			
22	1	1	1		160191	O-Ring			
23	1	1	1		-	Pump Assy., Vib & Steering (See Group 5)			
24	1	1	1		232066	Kit, Flange			
25	1	1	1		813443	O-Ring			
26	2	2	2		335560	Cyl. Assy., Hyd. Steering (See Group 5)			
27	2	2	2		334070	Tee			
28	2	2	2		81508906	Hose Assy., Cylinder to Cylinder			
29	1	1	1		921100	Clamp, Hose			

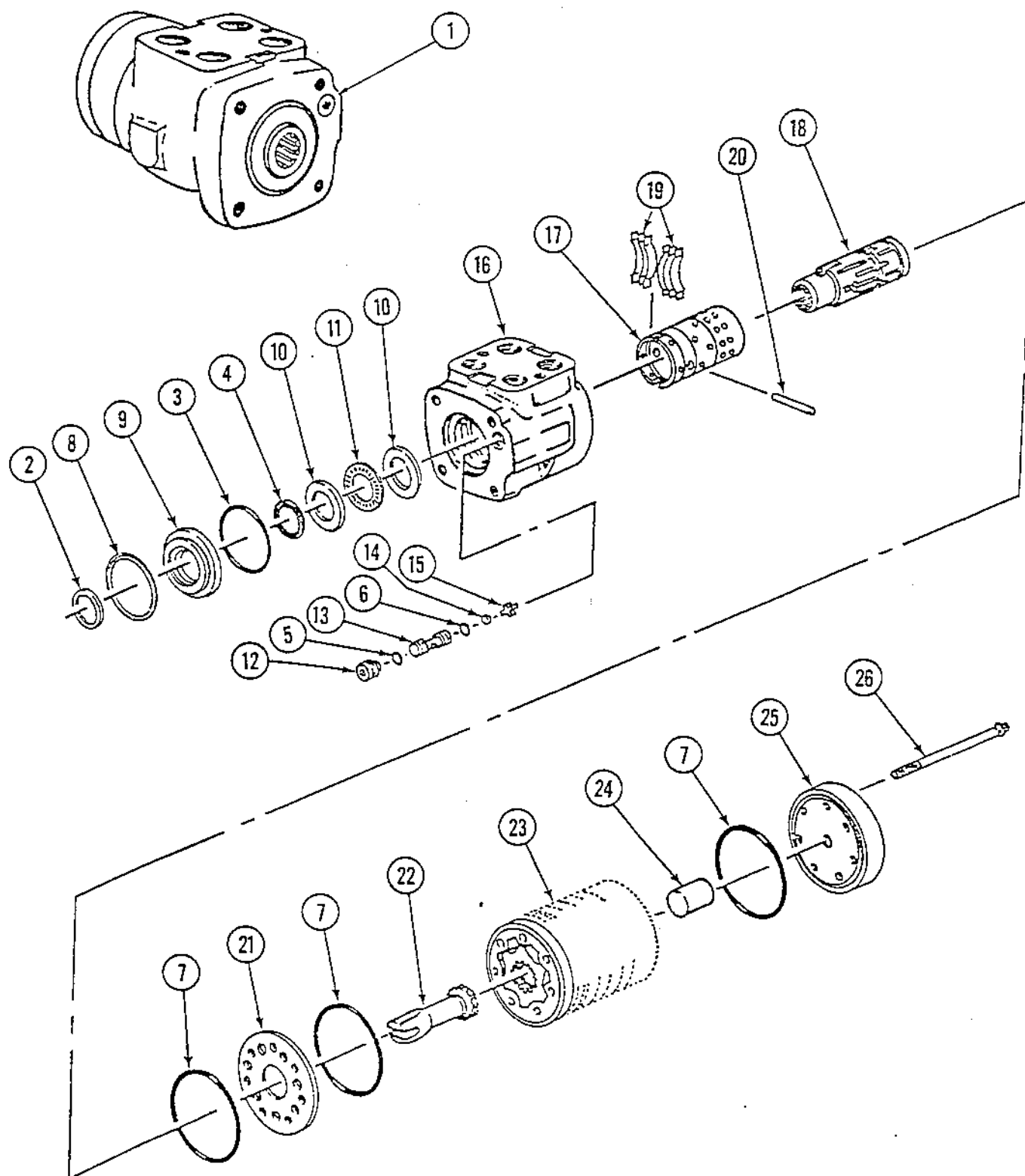
NOTE: When replacing item 10 Hose P/N 482167 check item 9. If item 9 is a Straight Connector it should be replaced with a 90° Elbow P/N 813435 item 9. The old Straight Connector will not work with new improved Hose item 10.



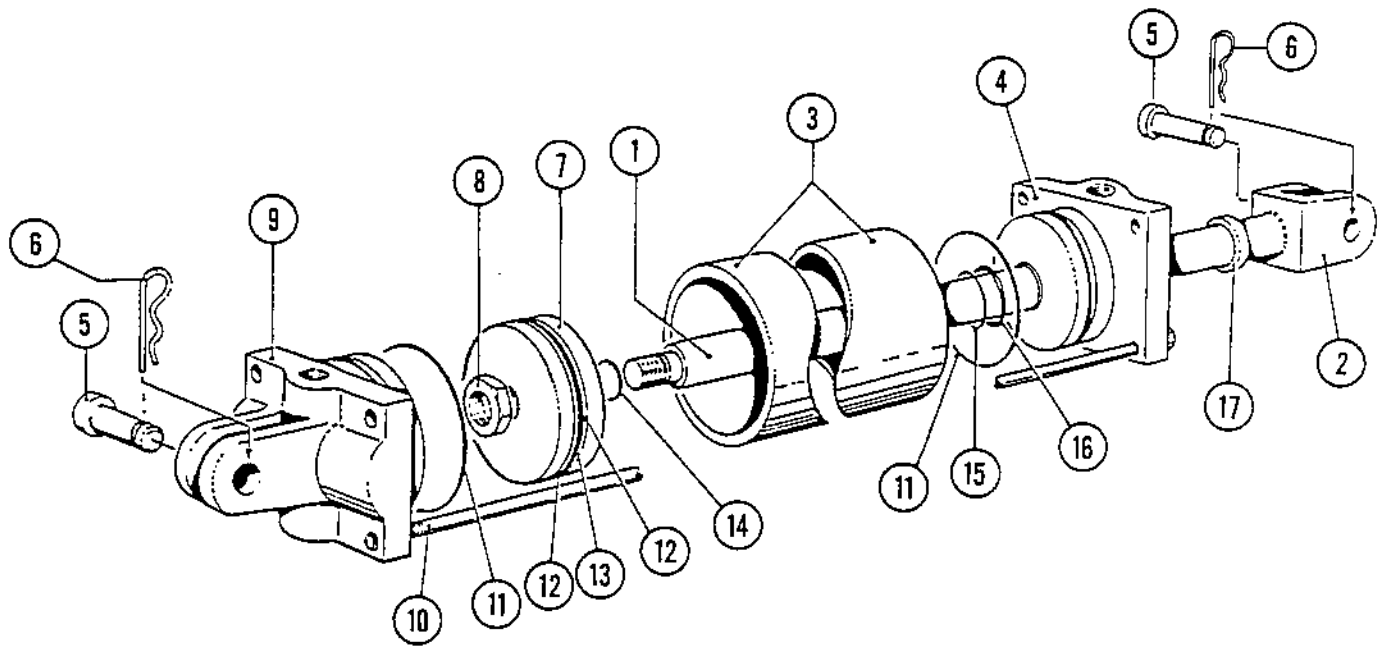
Page		Group		Illustration Number		Catalog Number		Illustration	
60		5		PA-15-PL158		PA-15-PL01		Steering Valve (For Vendor Tag YS-11 or YS-12)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		335567	Assy., Steering Valve			
2	7	7	7		814155	Screw, Cap			
3	1	1	1		481273	Cap, End			
4	2	2	2		814160	Gerotor Set			
5	1	1	1		892835	Spacer			
6	1	1	1		892834	Spacer			
7	1	1	1		814151	Spline			
8	1	1	1		814156	Plate			
9	1	1	1		814150	Drive			
-	1	1	1		814159	Assembly, Control			
10	1	1	1		NSS	Housing, Valve			
11	1	1	1		NSS	Sleeve, Control			
12	1	1	1		NSS	Spool, Control			
13	6	6	6		814143	Spring, Centering			
14	1	1	1		892102	Pin, Centering			
15	1	1	1		814148	Spring, Compression			
16	1	1	1		892160	Ball, Steel			
17	1	1	1		814149	Seat, Check			
18	1	1	1		814167	Plug, Seal			
19	1	1	1		892113	Seal			
-	1	1	1		892716	Kit, Seal			
20	1	1	1		892113	Seal			
21	1	1	1		892119	Seal			
22	1	1	1		892271	Seal, Quad Ring			
23	1	1	1		814146	Seal, Oil			
-	1	1	1		481272	Kit, Needle Bearing			
24	2	2	2		NSS	Race, Bearing			
25	1	1	1		NSS	Bearing, Needle Thrust			
26	1	1	1		NSS	Locator, Bearing			
27	1	1	1		814145	Plate, Valve Mounting			
28	4	4	4		814165	Screw, Cap			



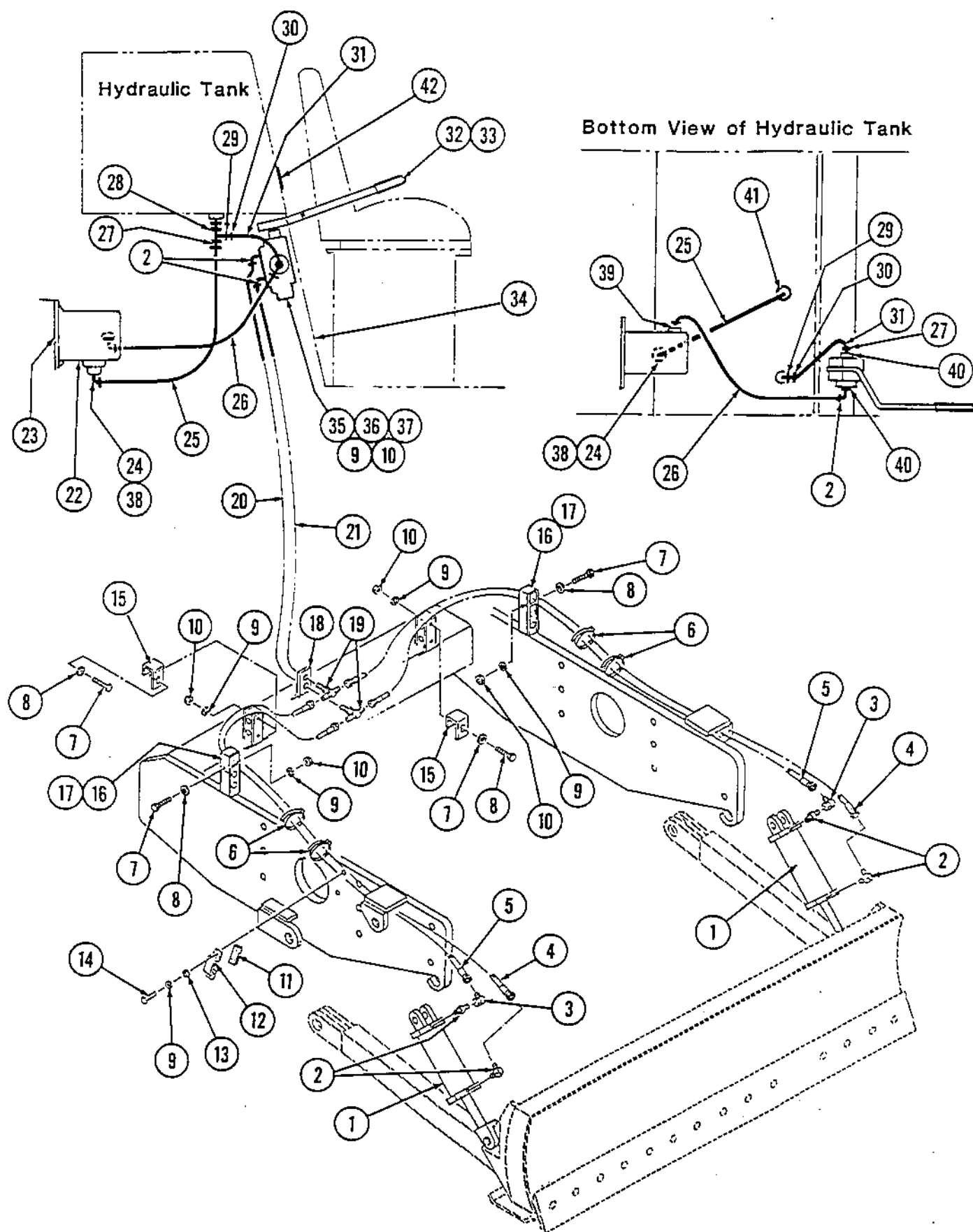
Page		Group			Illustration Number	Catalog Number	Illustration	
62		5			PA-15-PL157	PA-15-PL01	Steering Valve (For Vendor Tag 211-1039)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15	15 D	PD					
1	1	1	1		335567	Assy., Steering Valve		
-	1	1	1		894013	Kit, Seal		
2	1	1	1		814146	Seal		
3	1	1	1		911585	Seal		
4	1	1	1		892271	Seal, Quad Ring		
5	1	1	1		911584	Seal		
6	1	1	1		892113	Seal		
7	3	3	3		911587	Seal		
8	1	1	1		911582	Ring, Retaining		
9	1	1	1		911069	Bushing, Seal Gland		
-	1	1	1		911608	Kit, Needle Bearing		
10	2	2	2		NSS	Bearing, Race		
11	1	1	1		NSS	Bearing, Needle Thrust		
12	1	1	1		911583	Screw, Set		
13	1	1	1		911590	Seat, Check Ball		
14	1	1	1		911586	Ball, Check		
15	1	1	1		911588	Retainer, Check Ball		
-	1	1	1		911591	Assembly Control		
16	1	1	1		NSS	Housing		
17	1	1	1		NSS	Sleeve, Control		
18	1	1	1		NSS	Spool, Control		
19	6	6	6		814143	Spring, Centering		
20	1	1	1		892102	Pin, Centering		
21	1	1	1		911589	Plate, Spacer		
22	1	1	1		814150	Drive		
23	1	1	1		911593	Gerotor		
24	1	1	1		911592	Spacer		
25	1	1	1		911594	Cap, End		
26	7	7	7		814155	Screw, Cap		



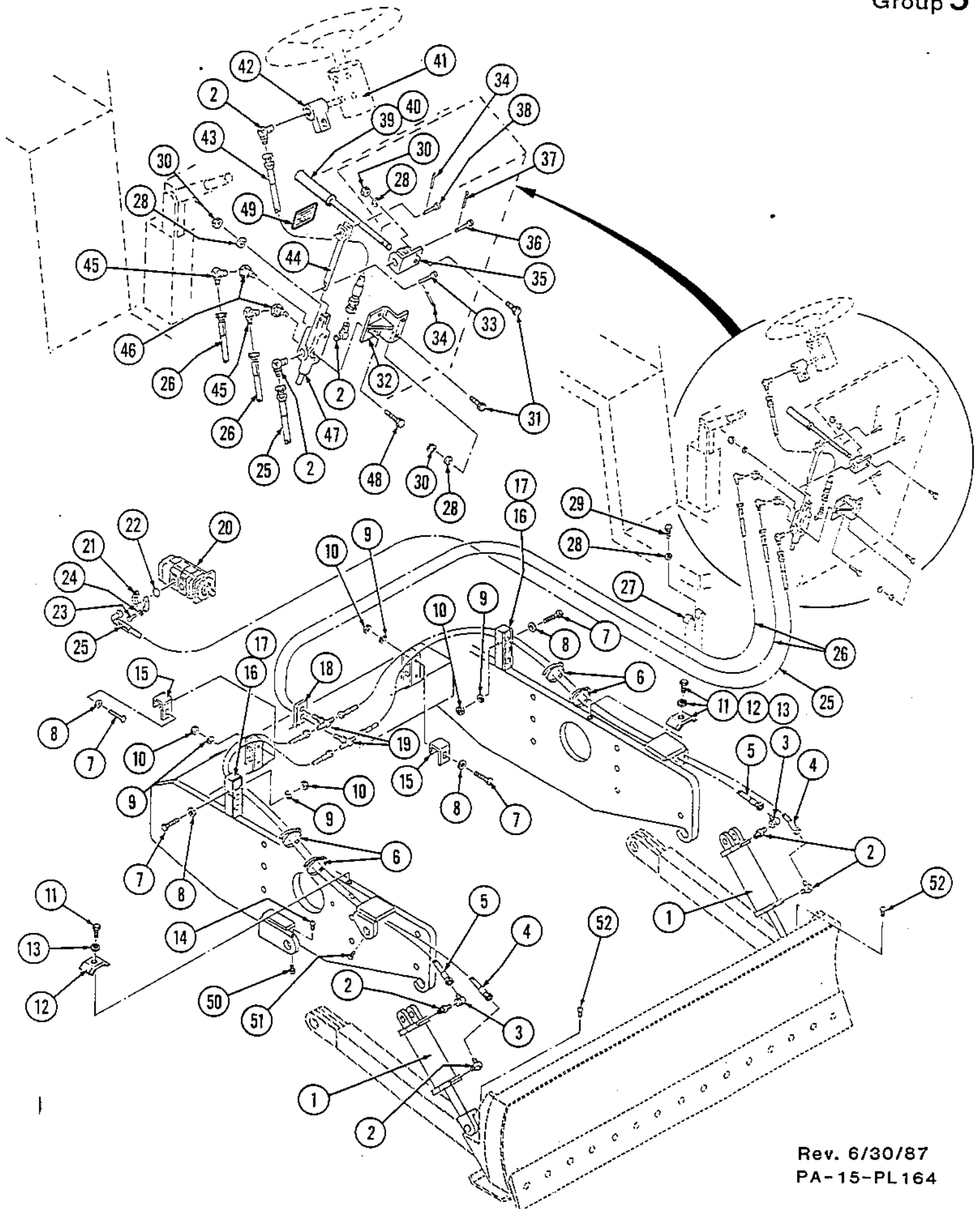
Page		Group		Illustration Number	Catalog Number	Illustration	
64		5		PA-15-PL153	PA-15-PL01	Steering Cylinder	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	2	2	2		335560	Assembly, Steering Cylinder	S/N 745 & Up To S/N 744 To S/N 744
1	1	1	1		891827	Assy., Piston Rod/W Clevis	
-	1	1	1		813540	Rod, Piston	
2	1	1	1		416046	Assy., Rod Clevis	
3	1	1	1		813538	Tube	
4	1	1	1		813541	Gland	
5	2	2	2		635022	Pin, Clevis	
6	2	2	2		635020	Clip, Hairpin	
7	1	1	1		813539	Piston	
8	1	1	1		813543	Locknut	
9	1	1	1		813772	Butt	
10	4	4	4		813773	Rod, Tie	
-	1	1	1		813551	Kit, Seal	
11	2	2	2		813547	O-Ring	
12	2	2	2		813549	Washer, Back-up	
13	1	1	1		813546	O-Ring	
14	1	1	1		813544	O-Ring	
15	1	1	1		813545	O-Ring	
16	1	1	1		813548	Washer, Back-up	
17	1	1	1		813550	Wiper	



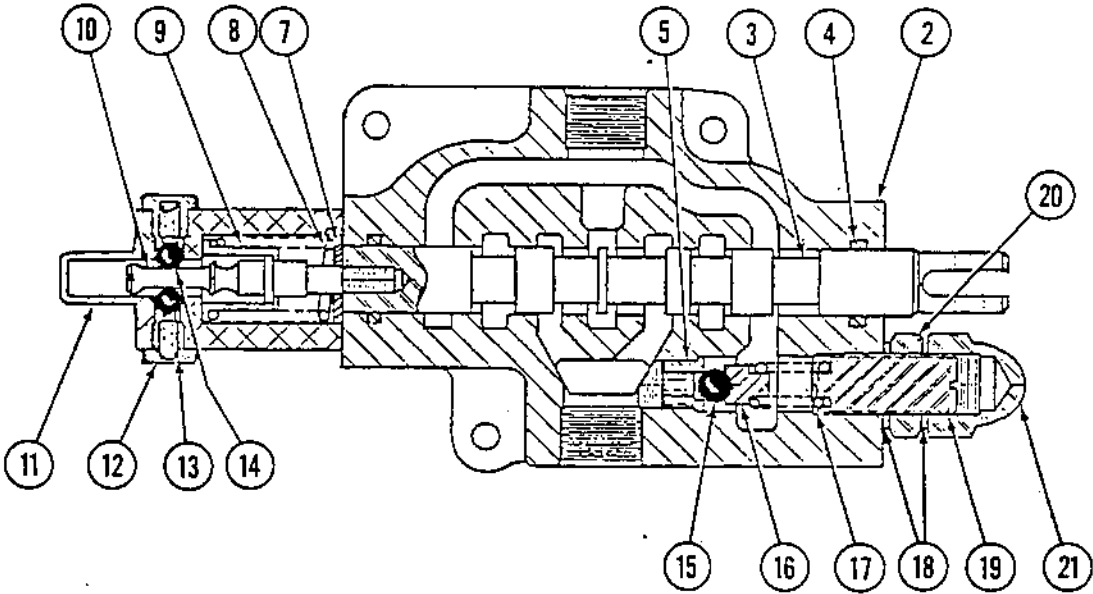
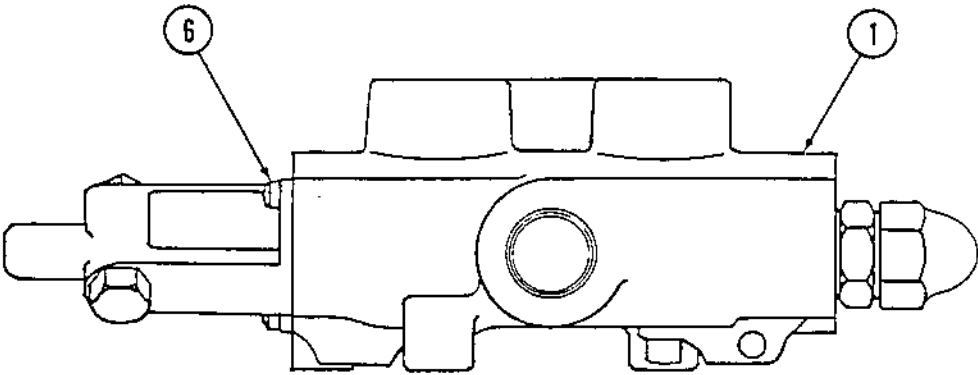
Page		Group			Illustration Number	Catalog Number	Illustration
66		5			PA-15-PL170	PA-15-PL01	Strike Off Blade System (To S/N 469)
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15 PDB						
1	2				335560	Assy., Blade Cylinder (See Group 5)	
2	7				813435	Elbow 90°	
3	2				334197	Elbow, Swivel, 90°	
4	2				81525209	Hose Assy., Valve to Cylinder	
5	2				81525210	Hose Assy., Valve to Cylinder	
6	6				813486	Ty-Rap	
7	4				502043	Capscrew, HH	
8	4				600027	Washer, Flat	
9	8				604028	Lockwasher	
10	6				571003	Hex Nut	
11	2				801230	Strip, Rubber	
12	1				815349	Clamp, Hose	
13	2				600007	Washer, Flat	
14	2				502033	Capscrew, HH	
15	2				815367	Clamp, Hose	
16	2				815350	Clamp, Hose	
17	2				891874	Strip, Rubber	
18	2				825990	Bracket, Hose	
19	2				801199	Tee, Bulkhead	
20	1				81525212	Hose Assy., Blade Valve to Tee	
21	1				81525211	Hose Assy., Blade Valve to Tee	
22	1				893269	Assy., Hydraulic Pump	
23	1				-	Assy., Pump Drive (See Group 3)	
24	1				334287	Bushing, Reducer	
25	1				81525207	Hose Assy., Hyd. Tank to Pump	
26	1				81525205	Hose Assy., Pump to Blade Valve	
27	2				334117	Connector, Male	
28	1				813730	Nipple	
29	1				801500	Tee, Female	
30	1				234371	Tee, Male Run	
31	1				81525206	Hose Assy., Valve to Tank	
32	1				815264	Lever, Blade Valve	
33	1				219002	Grip, Blade Lever	
34	1				815051	Cover, Modified	
35	1				891648	Assy., Strike-Off Blade Valve	
36	1				815267	Bracket, Valve Mounting	
37	2				502042	Capscrew, HH	
38	1				334128	Elbow 90°	
39	1				813445	Elbow 45°	
40	2				813434	Bushing, Reducer	
41	1				334157	Connector, Male	
42	1				82523536	Decal, Blade Position	



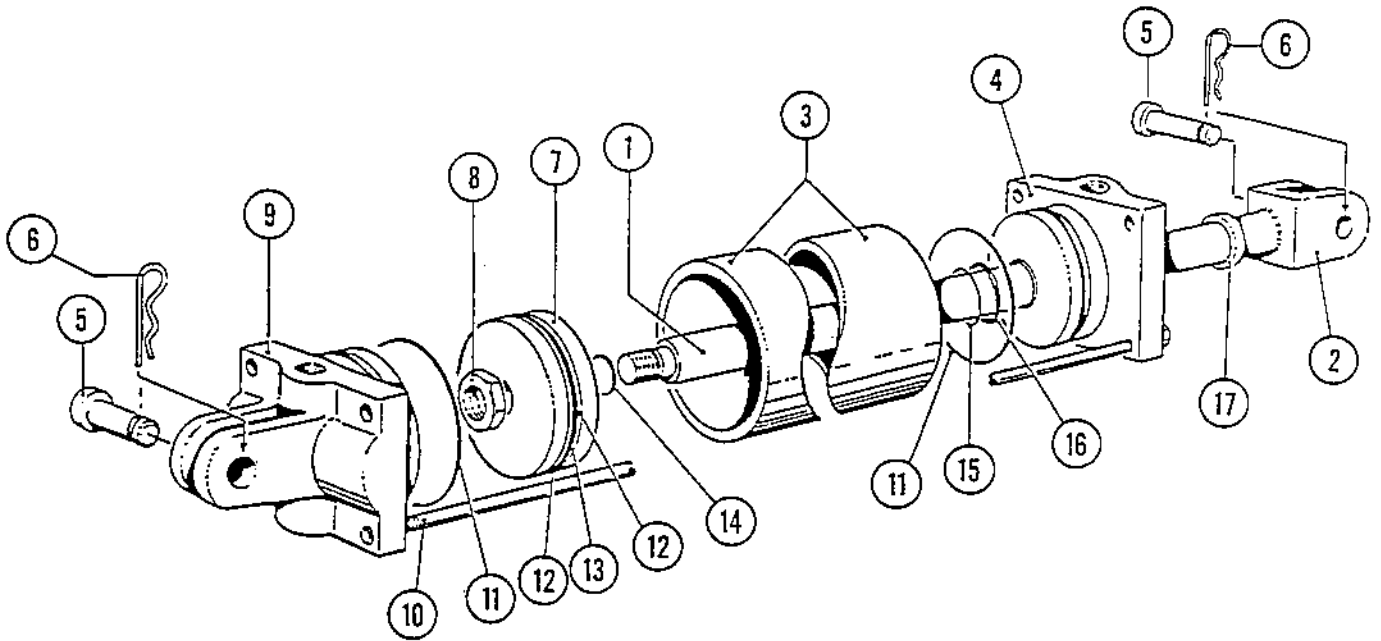
Page		Group		Illustration Number		Catalog Number		Illustration	
68		5		PA-15-PL164		PA-15-PL01		Strike Off Blade System (S/N 470 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 PDB								
1	2				335560	Cylinder, Blade (See Group 5)	S/N 470 & up		
2	7				813435	Elbow, 90°			
3	2				334197	Elbow, 90° Swivel			
4	2				81525209	Assy., Hose			
5	2				81525210	Assy., Hose			
6	6				813486	Ty-Rap			
7	4				502043	Capscrew, HH			
8	4				600007	Washer, Flat			
9	4				604028	Lockwasher			
10	4				571003	Hex Nut			
11	2				502021	Capscrew, HH			
12	1				346230	Clamp, Hose			
13	2				604027	Washer, Flat			
14	2				310025	Fitting, Lubrication			
15	2				815367	Clamp, Hose			
16	2				850351	Clamp, Hose			
17	2				891874	Strip, Rubber			
18	2				825990	Bracket, Hose			
19	2				801199	Tee, Bulkhead			
20	1				801153	Pump Vib. & Steering (See Group 5)			
21	1				232066	Kit, Flange			
22	1				813443	O-Ring			
23	2				NSS	Capscrew, HH			
24	2				NSS	Lockwasher			
25	1				81525215	Assy., Hose (Pump to Blade Valve)			
26	2				81525214	Assy., Hose (Valve to Blade Cyls.)			
27	1				813414	Clamp			
28	8				604026	Lockwasher			
29	1				502002	Capscrew, HH			
30	7				571001	Hex Nut			
31	4				502006	Capscrew, HH			
32	1				826021	Bracket, Valve Mounting			
33	1				550047	Pin, Clevis			
34	2				630051	Pin, Cotter			
35	1				826023	Bracket, Valve Lever Anchor			
36	1				550038	Pin, Clevis			
37	1				630008	Pin, Cotter			
38	1				813362	Pin, Clevis			
39	1				815413	Lever, Valve			
40	1				219002	Grip, Hand			
41	1				335567	Valve, Steering (See Group 5)			
42	1				480202	Valve, Relief			
43	1				81525213	Assy., Hose (BLade Valve to Str. Valve)			
44	1				826022	Link, Valve Handle			
45	2				801198	Elbow, 90°			
46	2				234662	Elbow, Swivel, 45°			
47	1				801115	Valve, Blade (See Group 5)			
48	3				502140	Capscrew, HH			
49	1				82523536	Decal, Blade Position			
50	2				332137	Plug			
51	2				310022	Fitting, Lubrication			
52	2				310018	Fitting, Lubrication			



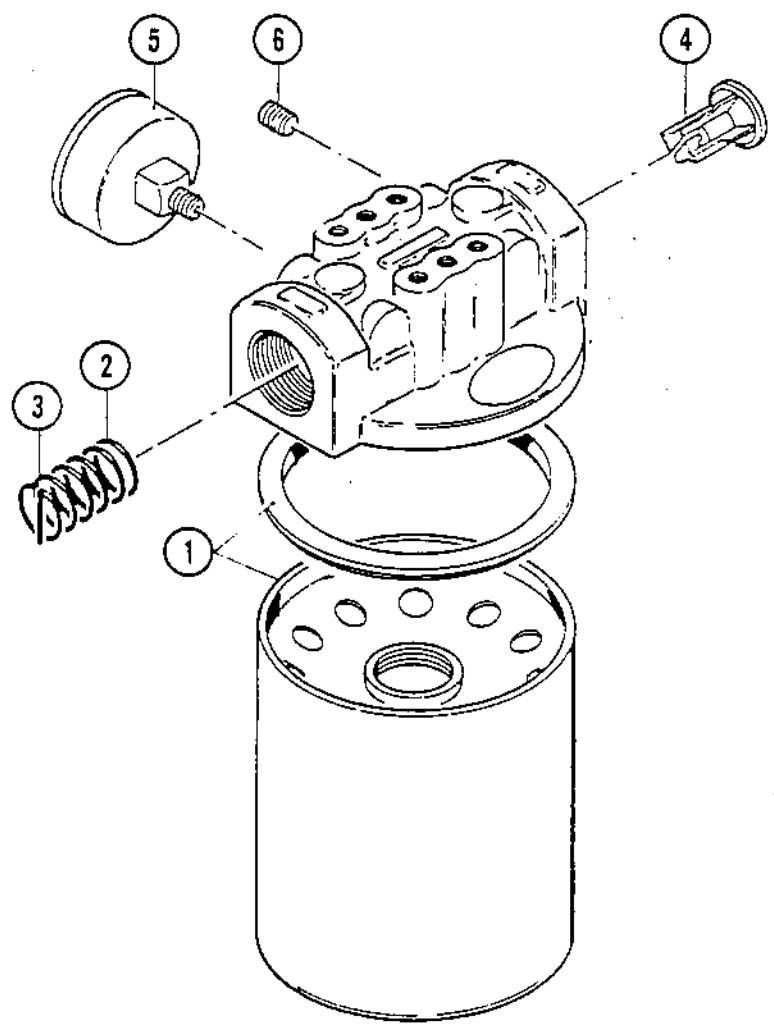
Page		Group			Illustration Number	Catalog Number	Illustration		
70		5			PA-15-PL147	PA-15-PL01	Blade Control Valve		
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15 PDB								
1	1				801115	Assembly, Blade Control Valve	S/N 470 & Up		
2	1				NSS	Body, Valve			
3	1				NSS	Spool, Valve			
4	2				911192	O-Ring			
5	1				911566	Seat			
6	2				911569	Screw, Cap			
-	1				911567	Kit, Detent			
7	1				NSS	Washer			
8	1				NSS	Spring			
9	1				NSS	Spacer			
10	1				NSS	Spool, Detent			
11	1				NSS	Cap. End			
12	2				NSS	Screw, Detent			
13	2				NSS	Spring			
14	2				NSS	Ball, 1/4" Steel			
-	1				911568	Kit, Relief Valve Kit			
15	1				NSS	Ball, 5/16" Steel			
16	1				NSS	Retainer			
17	1				NSS	Spring			
18	2				NSS	Gasket			
19	1				NSS	Screw, Adjustment			
20	1				NSS	Hex Nut			
21	1				NSS	Nut, Low Crown			



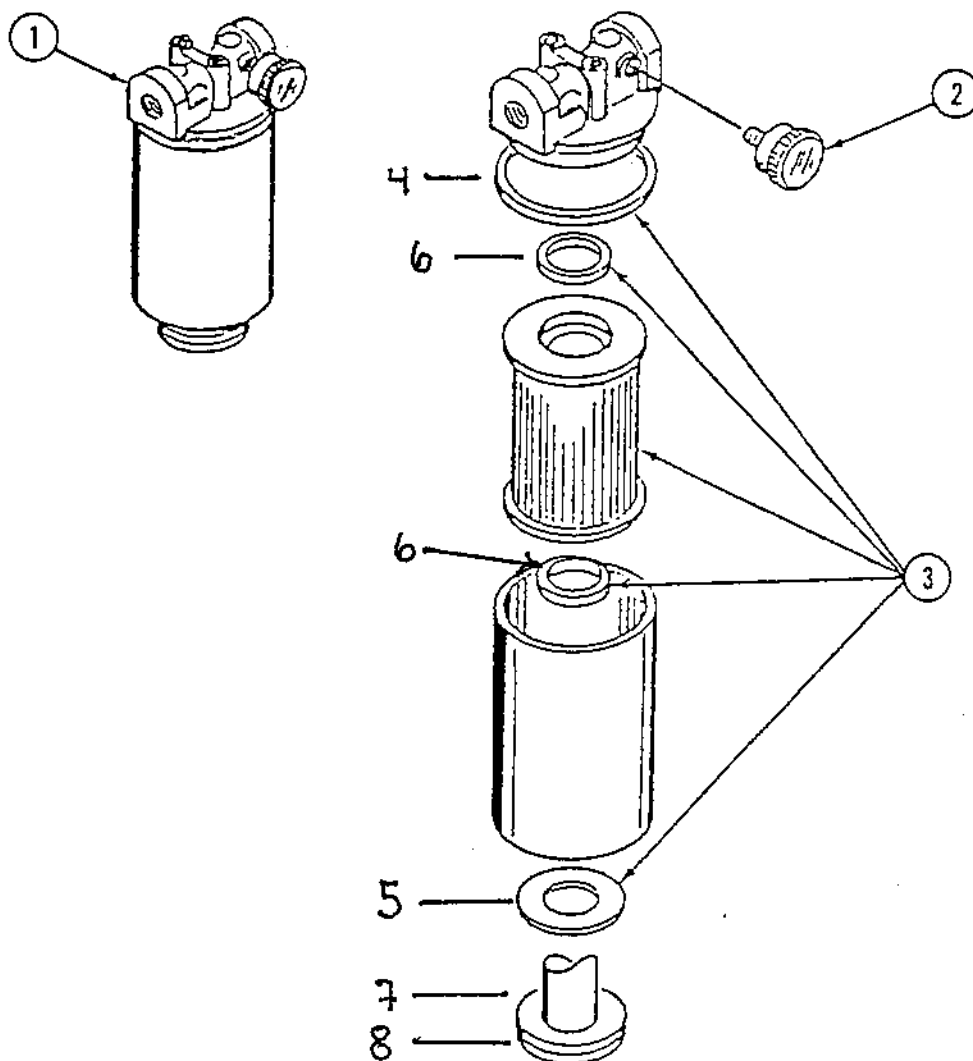
Page		Group		Illustration Number	Catalog Number	Illustration	
72		5		PA-15-PL155	PA-15-PL01	Blade Cylinder	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15 PDB						
-	2				335560	Assembly, Blade Cylinder	S/N 745 & Up To S/N 744 To S/N 744
1	1				891827	Assy., Piston Rod/W Clevis	
-	1				813540	Rod, Piston	
2	1				416046	Assy., Rod Clevis	
3	1				813538	Tube	
4	1				813541	Gland	
5	2				635022	Pin, Clevis	
6	2				635020	Clip, Hairpin	
7	1				813539	Piston	
8	1				813543	Locknut	
9	1				813772	Butt	
10	4				813773	Rod, Tie	
-	1				813551	Kit, Seal	
11	2				813547	O-Ring	
12	2				813549	Washer, Back-up	
13	1				813546	O-Ring	
14	1				813544	O-Ring	
15	1				813545	O-Ring	
16	1				813548	Washer, Back-up	
17	1				813550	Wiper	



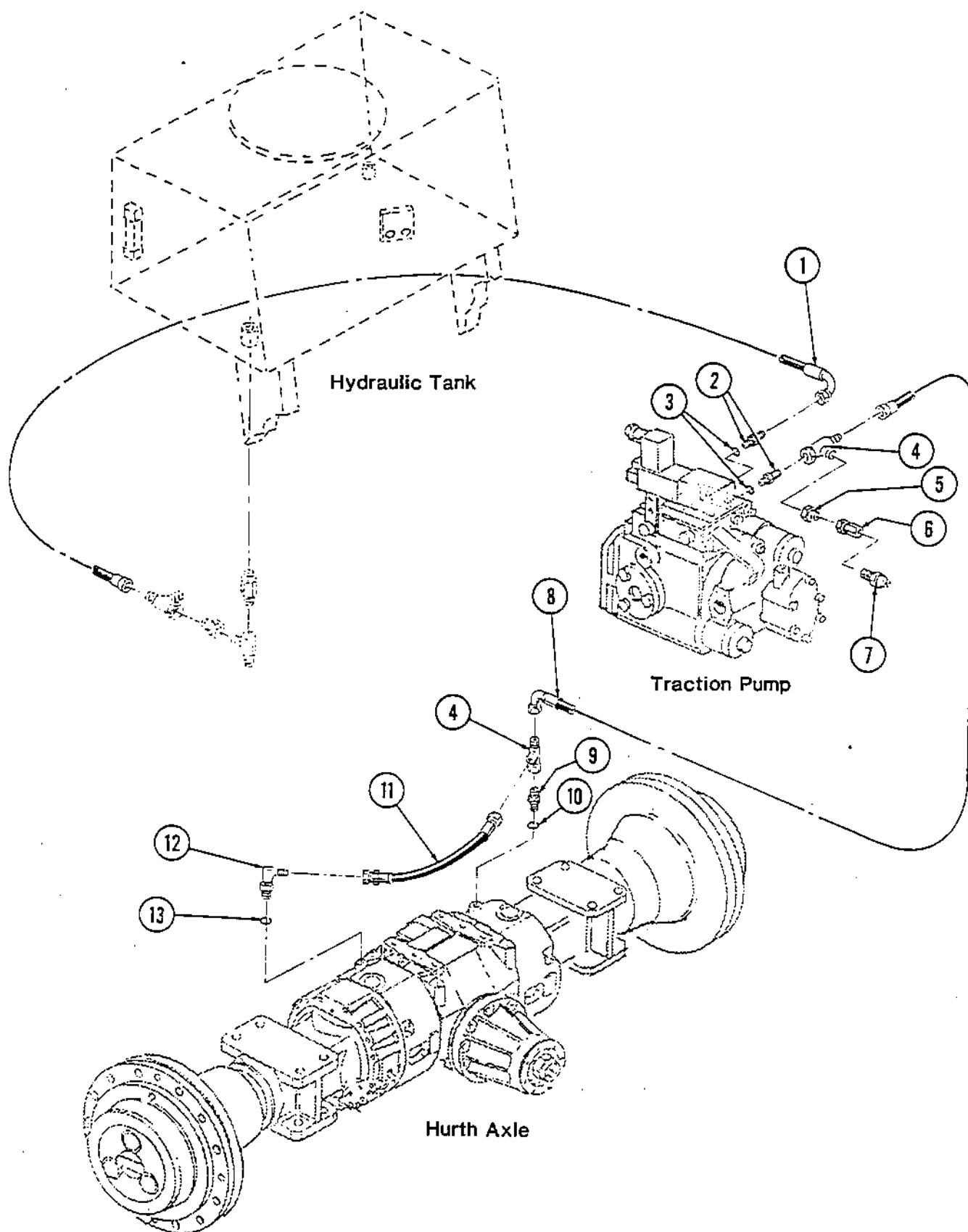
Page 74		Group 5		Illustration Number PA-15-PL204	Catalog Number PA-15-PL01	Illustration Hydraulic Oil Filter Assembly (S/N 2080 & Up)		
Ref. No.	Quantity/Model				Part Number	Description	Serial Number	
	CA							
	15	15D	15PD					
-	1	1	1		337528	Hydr. Oil Filter Assembly		
1	1	1	1		499349	Filter Element		
2	1	1	1		499352	Blocked By-Pass		
3	1	1	1		499358	Spring		
4	1	1	1		499357	Poppet		
5	1	1	1		499355	Indicator		
6	1	1	1		499354	Plug		



Page		Group		Illustration Number	Catalog Number	Illustration	
76		5		PA-15-PL156	PA-15-PL01	Hydraulic Oil Filter (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
1	1	1	1		335554	Assembly, Hyd. Oil Filter	
2	1	1	1		499355	Gauge, Vacuum	
3	1	1	1		335657	Kit, Filter Element	
4	1	1	1		814117	O - RING	
5	1	1	1		814116	GASKET	
6	2	2	2		814139	SEAL GASKET	
7	1	1	1		814140	WASHER	
8	1	1	1		814115	SPRING	



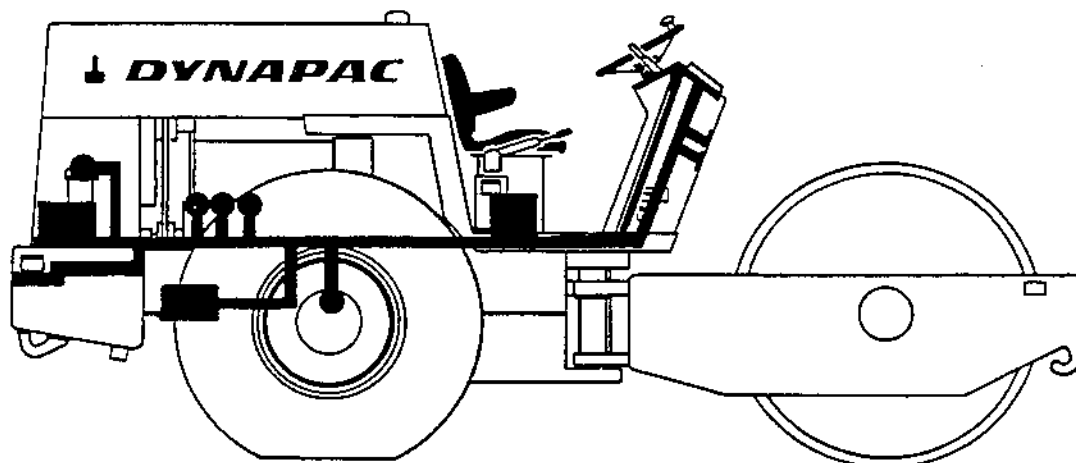
Page 78		Group 5		Illustration Number PA-15-PL205		Catalog Number PA-15-PL01		Illustration Hydraulic Brake Assembly (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		482455	Hose Assv., Return to Hyd. Tank			
2	2	2	2		234233	Adapter			
3	1	1	1		160188	O-Ring			
4	2	2	2		334234	Tee-Adapter			
5	1	1	1		334523	Adapter, Reducing			
6	1	1	1		929225	Adapter			
7	1	1	1		346498	Switch, Pressure			
8	1	1	1		482101	Hose Assy., Pump to Left Brake			
9	1	1	1		334463	Adapter			
10	1	1	1		802661	O-Ring			
11	1	1	1		482313	Hose Assy., Cross Over to Right Brake			
12	1	1	1		928911	Adapter, 90°			
13	1	1	1		802661	O-Ring			



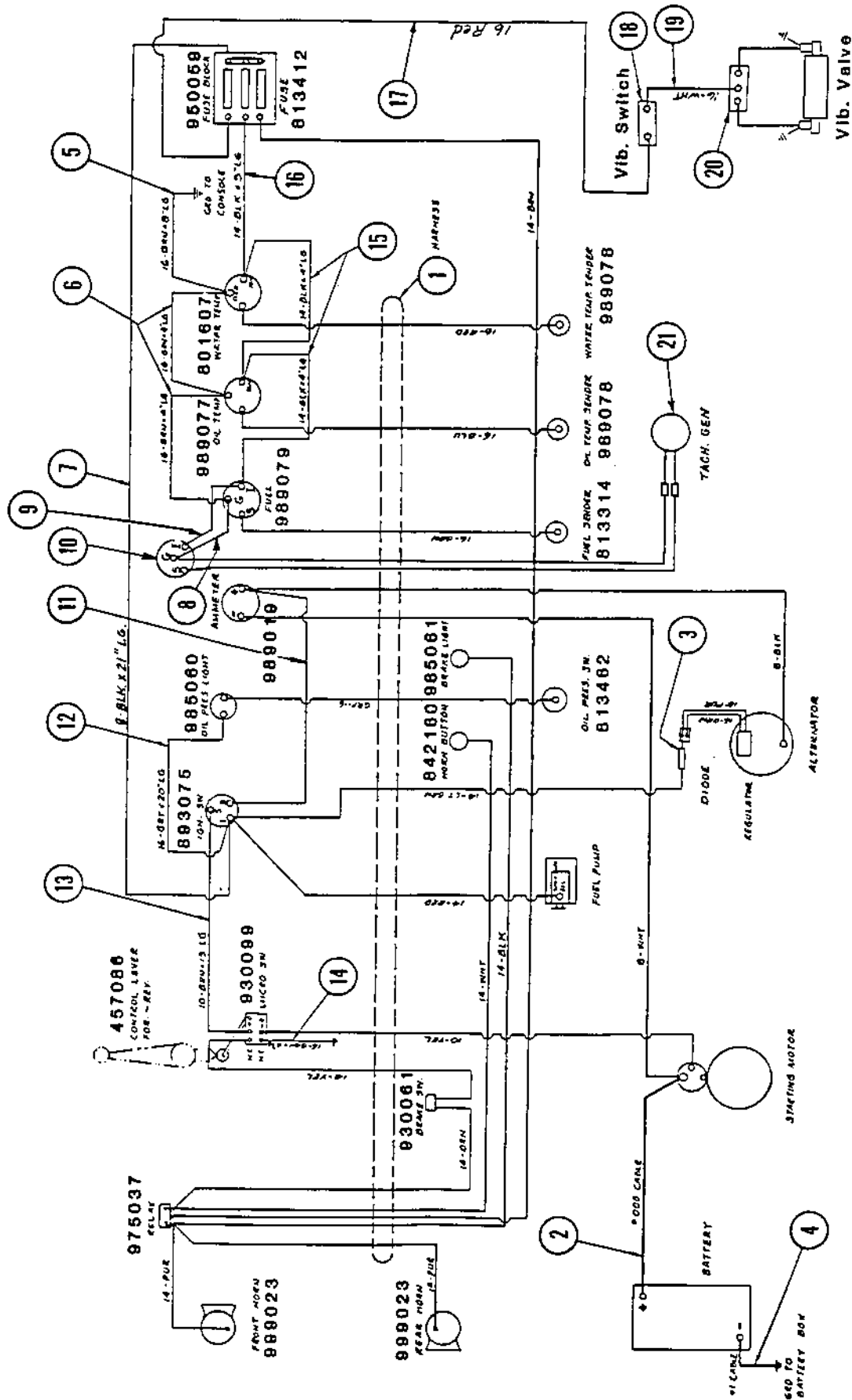


ELECTRICAL EQUIPMENT

Wiring Assembly, John Deere (To S/N 2079)	2
Wiring Assembly, Ford	4
Wiring Assembly, Detroit, to S/N 450	6
Wiring Assembly, Detroit, S/N 451 & Up (To S/N 2079)	8
Wiring Assembly, John Deere (S/N 2080 & Up)	10
Wiring Assembly, Detroit (S/N 2080 & Up)	12



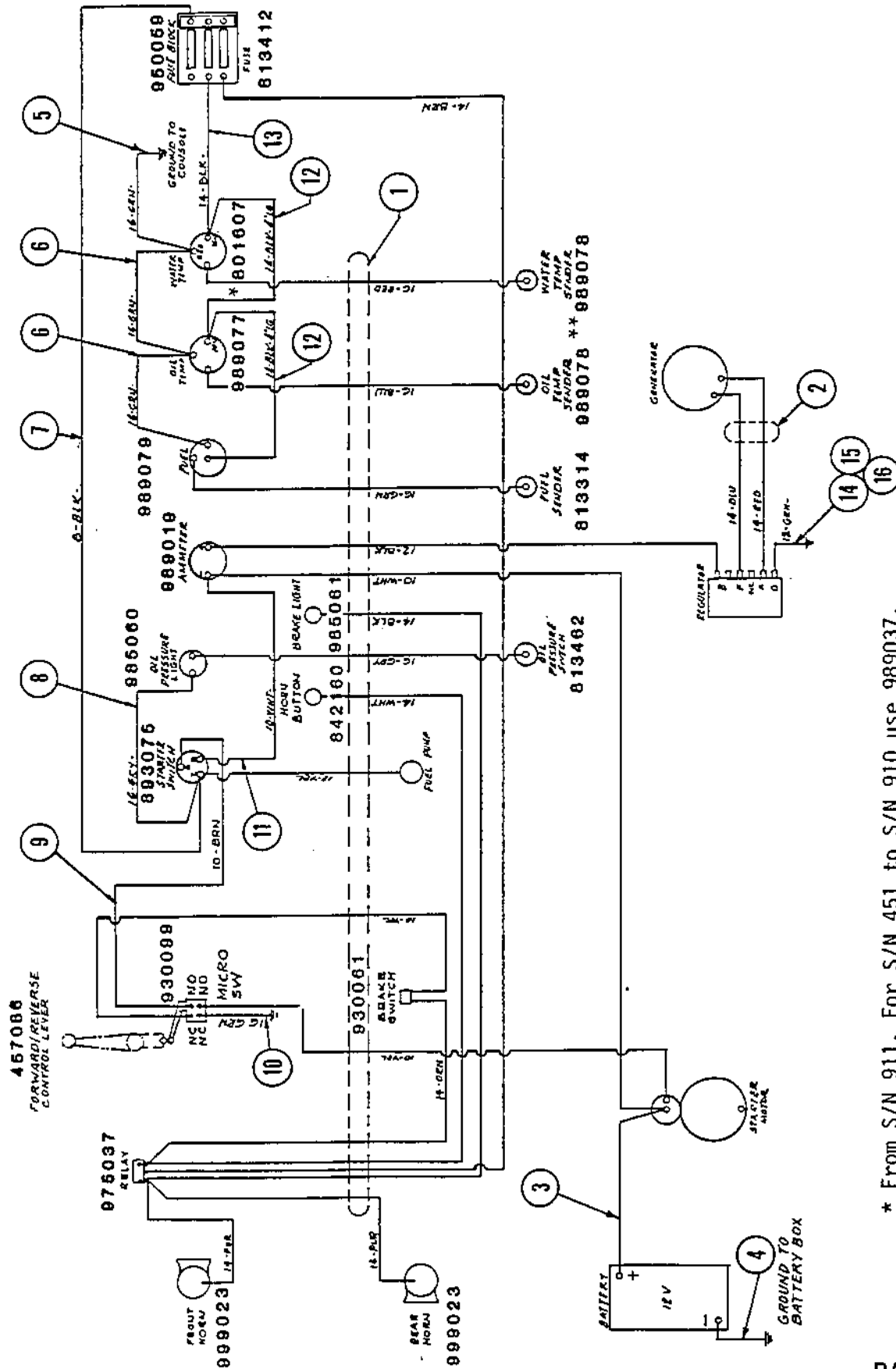
Page		Group		Illustration Number		Catalog Number		Illustration	
2		6		PA-15-PL131		PA-15-PL01		Electrical Wiring Assembly (John Deere S/N 451 to 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815434	Harness, Wiring	1928 & Up		
2	1	1	1		81509004	Cable, Starter			
3	1	1	1		976025	Diode			
4	1	1	1		81509005	Cable, Ground			
5	1	1	1		815861	Assembly, Wire			
6	2	2	2		815431	Assembly, Wire			
7	1	1	1		815863	Assembly, Wire			
8	1	1	1		815864	Assembly, Wire			
9	1	1	1		815860	Assembly, Wire			
10	1	1	1		802153	Tachometer & Hourmeter (Elec. Tach)			
11	1	1	1		815865	Assembly, Wire			
12	1	1	1		815866	Assembly, Wire			
13	1	1	1		815867	Assembly, Wire			
14	1	1	1		815868	Assembly, Wire			
15	2	2	2		815869	Assembly, Wire			
16	1	1	1		815870	Assembly, Wire			
17	1	1			815808	Assembly, Wire (Dual Amplitude)			
18	1	1			814266	Switch, Vibration (Dual Amplitude)			
19	1	1			815807	Assembly, Wire (Dual Amplitude)			
20	1	1			801343	Switch, Amp. Cont. (Dual Amplitude)			
21	1	1	1		989130	Generator, Tachometer			



* From S/N 911, For S/N 451 to S/N 910 use 989037.

** From S/N 911, For S/N 451 to S/N 910 use 989055.

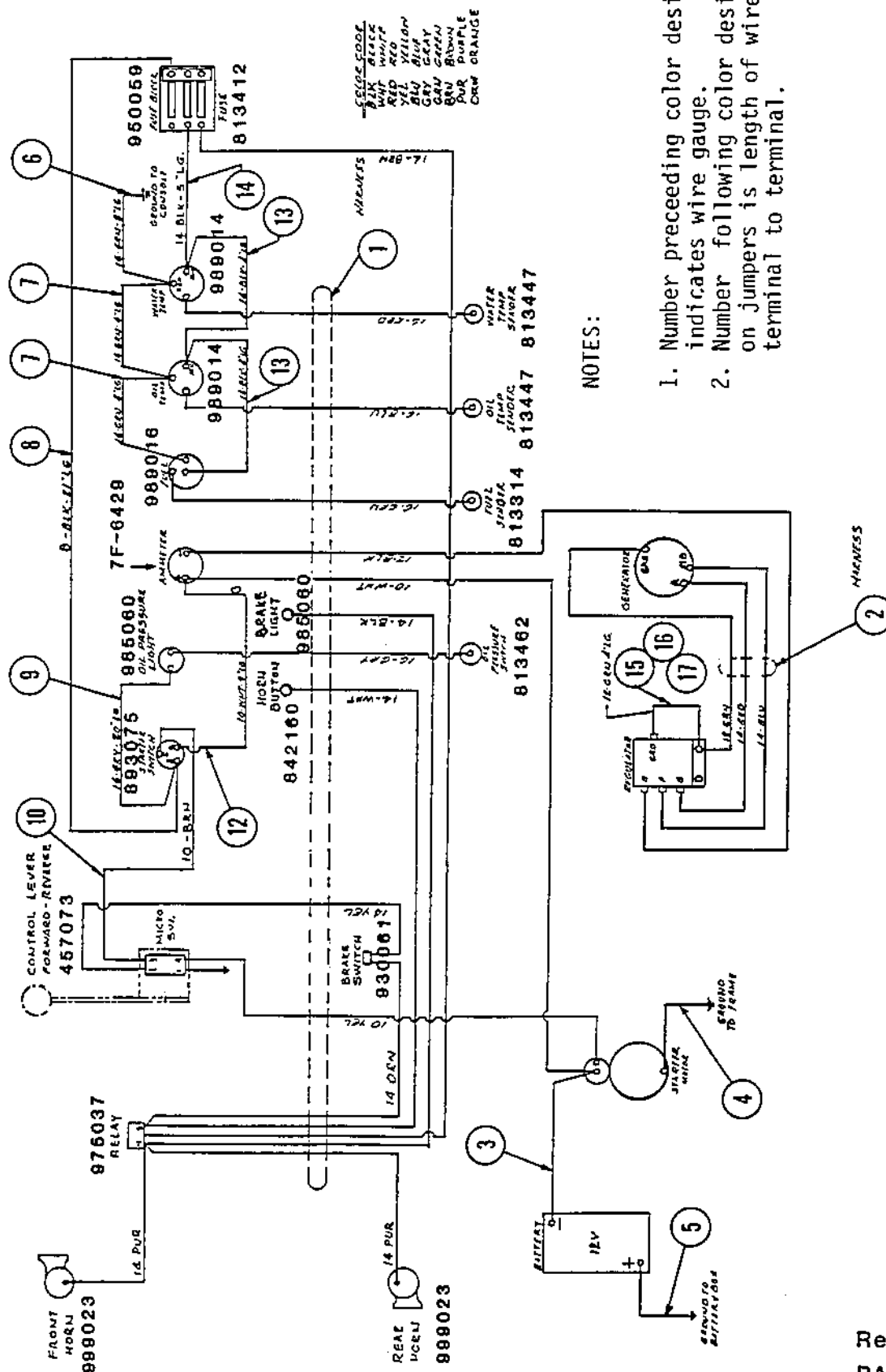
Page		Group		Illustration Number		Catalog Number		Illustration	
4		6		PA-15-PL134		PA-15-PL01		Electrical Wiring Assembly (Ford Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815308	Harness, Wiring			
2	1	1	1		815309	Harness, Wiring			
3	1	1	1		81509004	Cable, Starter			
4	1	1	1		81509005	Cable, Ground			
5	1	1	1		815861	Assembly, Wire			
6	2	2	2		815862	Assembly, Wire			
7	1	1	1		815863	Assembly, Wire			
8	1	1	1		815866	Assembly, Wire			
9	1	1	1		815867	Assembly, Wire			
10	1	1	1		815868	Assembly, Wire			
11	1	1	1		815865	Assembly, Wire			
12	2	2	2		815869	Assembly, Wire			
13	1	1	1		815870	Assembly, Wire			
14	1	1	1		960119	Terminal			
15	1	1	1		960108	Terminal			
16	1	1	1		80144312	Wire, Stranded 4" Lg. or 1.575 Cm			



* From S/N 911, For S/N 451 to S/N 910 use 989037.

** From S/N 911, For S/N 451 to S/N 910 use 989055.

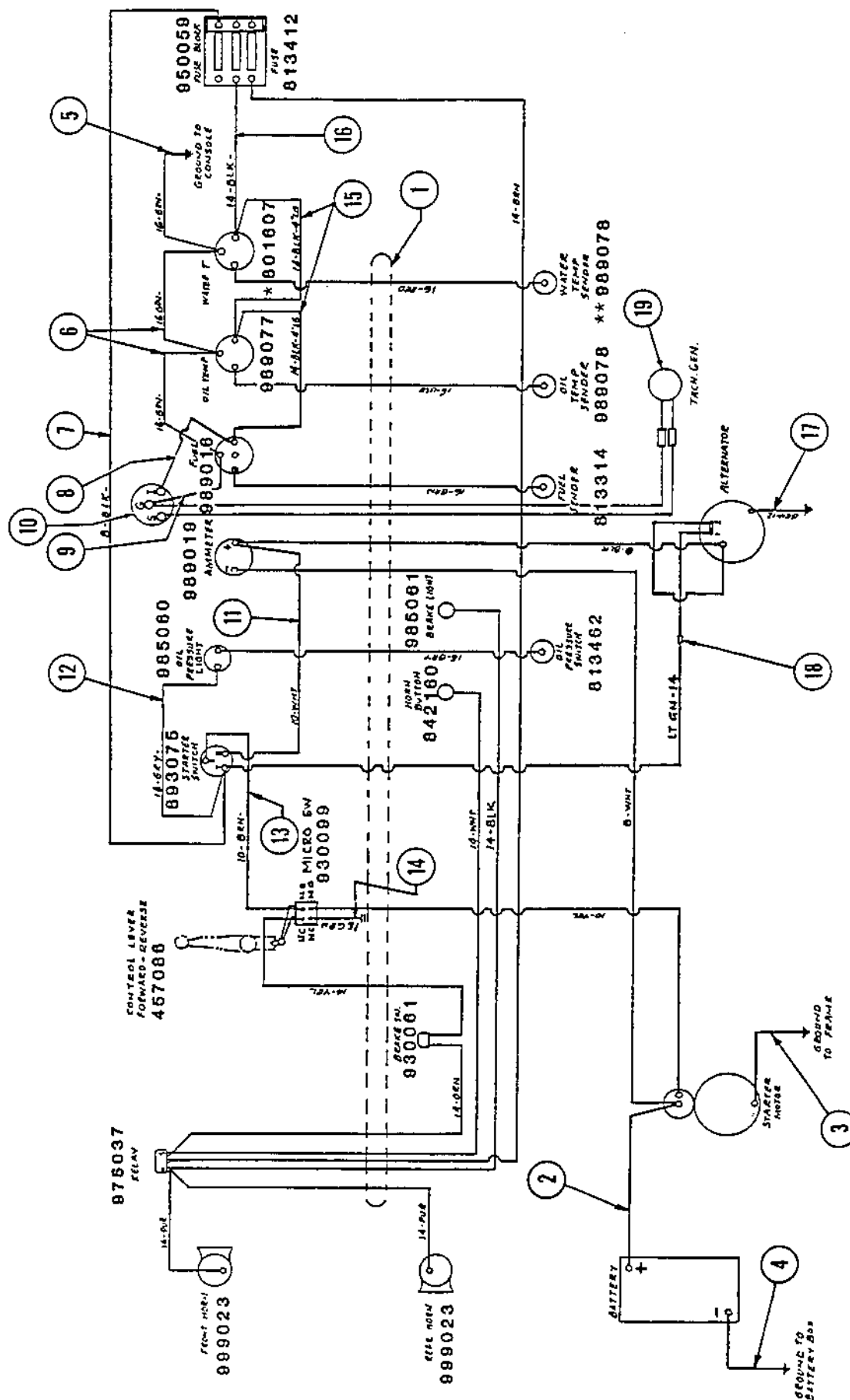
Page		Group		Illustration Number		Catalog Number		Illustration	
6		6		PA-15-PL132		PA-15-PL01		Electrical Wiring Assembly (Detroit Engine To S/N 450)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815003	Harness, Wiring			
2	1	1	1		815004	Harness, Wiring			
3	1	1	1		81509001	Cable, Starter			
4	1	1	1		433560701	Cable, Starter Ground			
5	1	1	1		905026	Cable, Battery Ground			
6	1	1	1		815861	Assembly, Wire			
7	2	2	2		815862	Assembly, Wire			
8	1	1	1		815863	Assembly, Wire			
9	1	1	1		815866	Assembly, Wire			
10	1	1	1		815867	Assembly, Wire			
11	1	1	1		815868	Assembly, Wire			
12	1	1	1		815865	Assembly, Wire			
13	2	2	2		815869	Assembly, Wire			
14	1	1	1		815870	Assembly, Wire			
15	1	1	1		960106	Terminal			
16	1	1	1		960108	Terminal			
17	1	1	1		80144312	Wire, Stranded 4" Lg. or 1.575 cm			



NOTES:

1. Number preceding color designation indicates wire gauge.
2. Number following color designation on jumpers is length of wire from terminal to terminal.

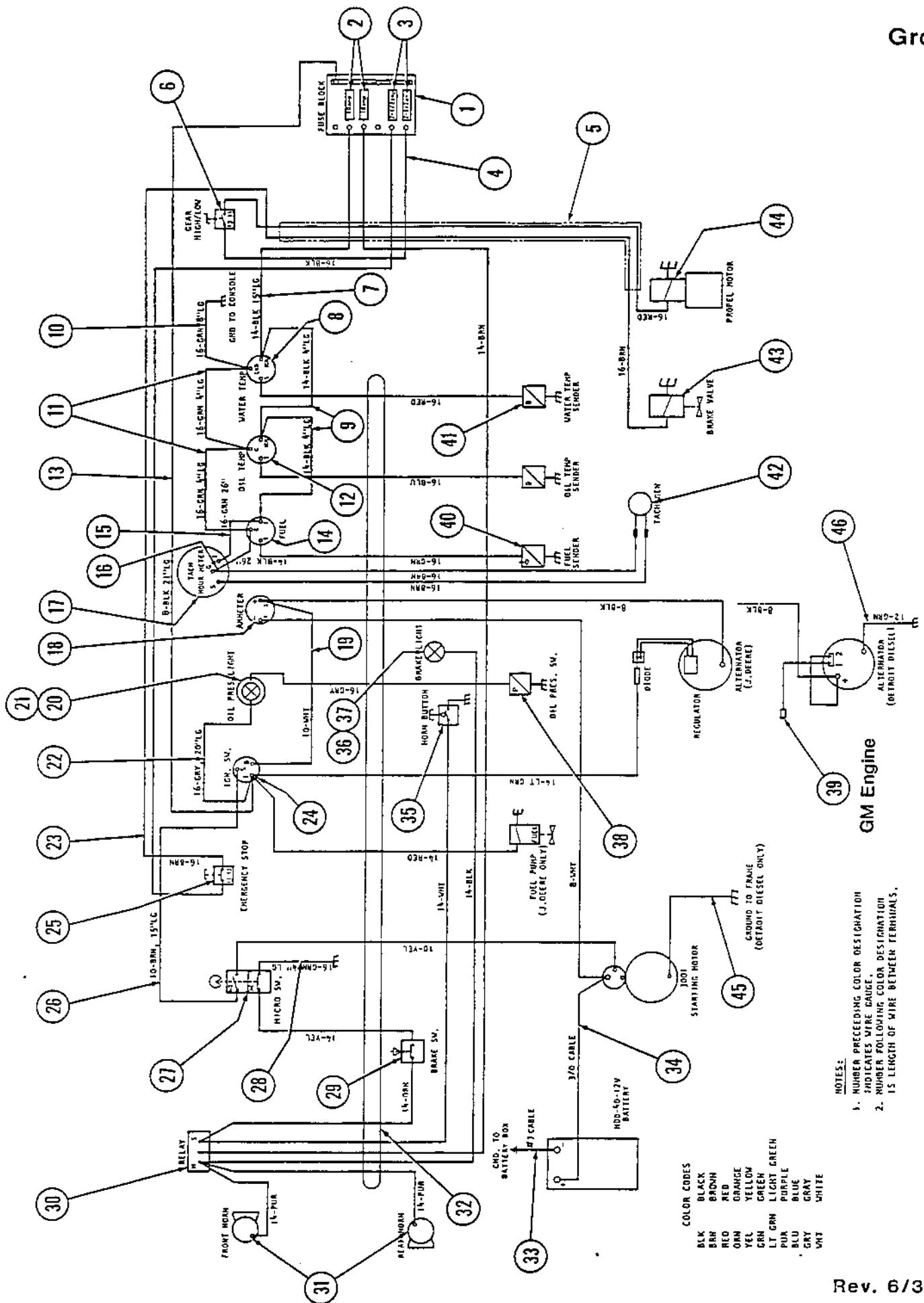
Page		Group		Illustration Number		Catalog Number		Illustration	
8		6		PA-15-PL133		PA-15-PL01		Electrical Wiring Assembly (Detroit Engine S/N 451 to 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815328	Harness, Wiring			
2	1	1	1		81509006	Cable, Starter			
3	1	1	1		82523901	Cable, Starter Ground			
4	1	1	1		81509005	Cable, Battery Ground			
5	1	1	1		815861	Assembly, Wire			
6	2	2	2		815862	Assembly, Wire			
7	1	1	1		815863	Assembly, Wire			
8	1	1	1		815864	Assembly, Wire	1742 & Up		
9	1	1	1		815860	Assembly, Wire	1742 & Up		
10	1	1	1		802153	Tachometer & Hourmeter, (Elec. Tach)	1742 & Up		
11	1	1	1		815865	Assembly, Wire			
12	1	1	1		815866	Assembly, Wire			
13	1	1	1		815867	Assembly, Wire			
14	1	1	1		815868	Assembly, Wire			
15	2	2	2		815869	Assembly, Wire			
16	1	1	1		815870	Assembly, Wire			
17	1	1	1		81517410	Cable, Alternator Ground			
18	1	1	1		80148801	Terminal			
19	1	1	1		989130	Generator, Tachometer	1742 & Up		

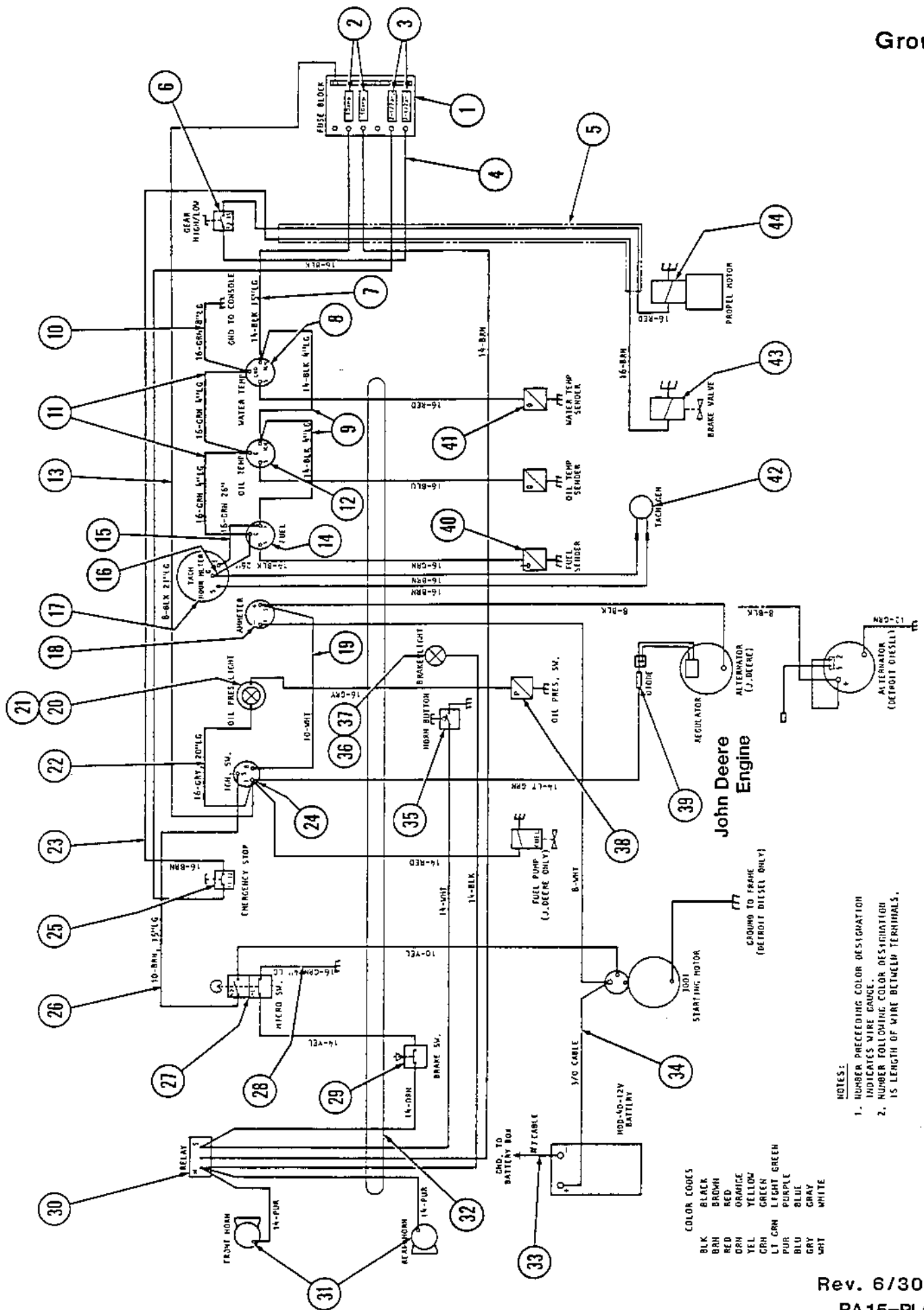


* From S/N 911, For S/N 451 to S/N 910 use 989037.

**** From S/N 911, For S/N 451 to S/N 910 use 989055.**

Page		Group		Illustration Number		Catalog Number		Illustration	
10		6		PA-15-PL207		PA-15-PL01		Wiring Assembly, J. Deere Eng. (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		821397	Fuse Block			
2	2	2	2		813412	Fuse, 10 Amp			
3	2	2	2		80154602	Fuse, 7½ Amp			
4	1	1	1		815998	Wire, Assembly			
5	1	1	1		815696	Harness Assembly			
6	1	1	1		930151	Switch, High/Low Speed			
7	1	1	1		815870	Wire Assembly			
8	1	1	1		801607	Gauge, Water Temp.			
9	1	1	1		815869	Wire Assembly			
10	1	1	1		815861	Wire Assembly			
11	2	2	2		815862	Wire Assembly			
12	1	1	1		989077	Gauge, Hydraulic Oil Temp.			
13	1	1	1		815863	Wire Assembly			
14	1	1	1		989079	Gauge, Fuel Level			
15	1	1	1		815860	Wire Assembly			
16	1	1	1		815864	Wire Assembly			
17	1	1	1		802153	Assy. Elec. Tach. & Clamp			
18	1	1	1		989019	Ammeter			
19	1	1	1		815865	Wire Assembly			
20	1	1	1		985060	Light Assy., Eng. Oil Pressure			
21	1	1	1		985012	Bulb			
22	1	1	1		815866	Wire Assembly			
23	1	1	1		815999	Wire Assembly			
24	1	1	1		813411	Switch, Ignition			
25	1	1	1		930200	Switch, Emergency Stop			
26	1	1	1		815867	Wire Assembly			
27	1	1	1		930099	Micro Switch			
28	1	1	1		815868	Wire Assembly			
29	1	1	1		346498	Switch, Brake Pressure			
30	1	1	1		975037	Relay, Horn			
31	2	2	2		999023	Horn			
32	1	1	1		815921	Harness Assembly			
33	1	1	1		81509005	Cable, Battery Ground			
34	1	1	1		81509004	Cable, Starter			
35	1	1	1		842160	Button, Horn			
36	1	1	1		985061	Light Assy., Brake Light			
37	1	1	1		985086	Bulb			
38	1	1	1		813462	Switch, Oil Pressure			
39	1	1	1		976025	Diode (J.Deere Eng.)			
40	1	1	1		813314	Sender, Fuel Level			
41	2	2	2		989078	Sender, Hyd. Oil or Water Temp.			
42	1	1	1		843156	Generator, Tach.			
43	1	1	1		922305	Valve Assy., Brake Solenoid			
44	1	1	1		924616	Valve Assy., Hi/Lo Speed Solenoid			





NOTES:

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

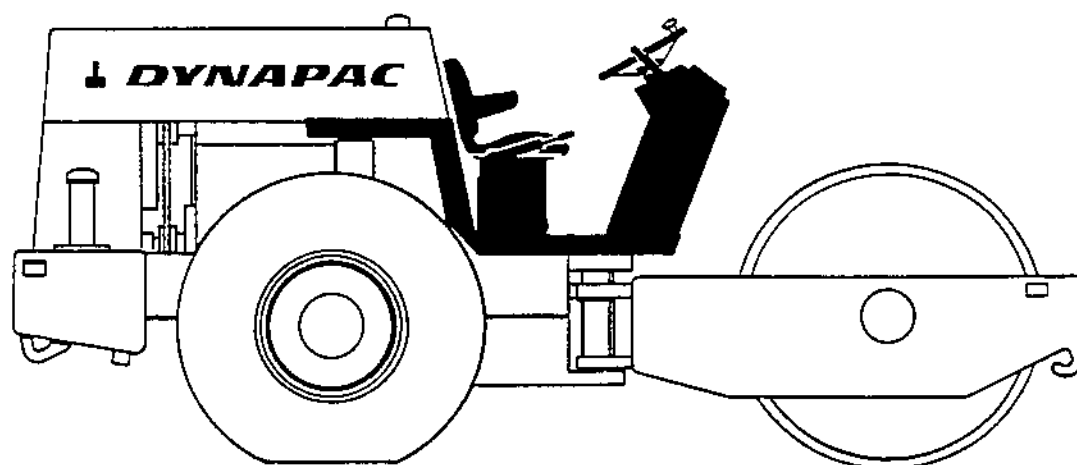
Rev. 6/30/87
PA15-PL207

Page		Group		Illustration Number		Catalog Number		Illustration	
12		6		PA-15-PL208		PA-15-PL01		Wiring Assembly, Detroit Eng. (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15D	15PD						
1	1	1	1		821397	Fuse Block			
2	2	2	2		813412	Fuse, 10 Amp			
3	2	2	2		80154602	Fuse, 7½ Amp			
4	1	1	1		815998	Wire, Assembly			
5	1	1	1		815696	Harness Assembly			
6	1	1	1		930151	Switch, High/Low Speed			
7	1	1	1		815870	Wire Assembly			
8	1	1	1		801607	Gauge, Water Temp.			
9	1	1	1		815869	Wire Assembly			
10	1	1	1		815861	Wire Assembly			
11	2	2	2		815862	Wire Assembly			
12	1	1	1		989077	Gauge, Hydraulic Oil Temp.			
13	1	1	1		815863	Wire Assembly			
14	1	1	1		989079	Gauge, Fuel Level			
15	1	1	1		815860	Wire Assembly			
16	1	1	1		815864	Wire Assembly			
17	1	1	1		802153	Assy. Elec. Tach. & Clamp			
18	1	1	1		989019	Ammeter			
19	1	1	1		815865	Wire Assembly			
20	1	1	1		985060	Light Assy., Eng. Oil Pressure			
21	1	1	1		985012	Bulb			
22	1	1	1		815866	Wire Assembly			
23	1	1	1		815999	Wire Assembly			
24	1	1	1		813411	Switch, Ignition			
25	1	1	1		930200	Switch, Emergency Stop			
26	1	1	1		815867	Wire Assembly			
27	1	1	1		930099	Micro Switch			
28	1	1	1		815868	Wire Assembly			
29	1	1	1		346498	Switch, Brake Pressure			
30	1	1	1		975037	Relay, Horn			
31	2	2	2		999023	Horn			
32	1	1	1		815922	Harness Assembly			
33	1	1	1		81509005	Cable, Battery Ground			
34	1	1	1		81509006	Cable, Starter			
35	1	1	1		842160	Button, Horn			
36	1	1	1		985061	Light Assy., Brake Light			
37	1	1	1		985086	Bulb			
38	1	1	1		813462	Switch, Oil Pressure			
39	1	1	1		80148801	Terminal (Detroit Eng.)			
40	1	1	1		813314	Sender, Fuel Level			
41	2	2	2		989078	Sender, Hyd. Oil or Water Temp.			
42	1	1	1		843156	Generator, Tach.			
43	1	1	1		922305	Valve Assy., Brake Solenoid			
44	1	1	1		924616	Valve Assy., Hi/Lo Speed Solenoid			
45	1	1	1		82523901	Cable, Starter Ground			
46	1	1	1		81517410	Cable, Alternator Ground			

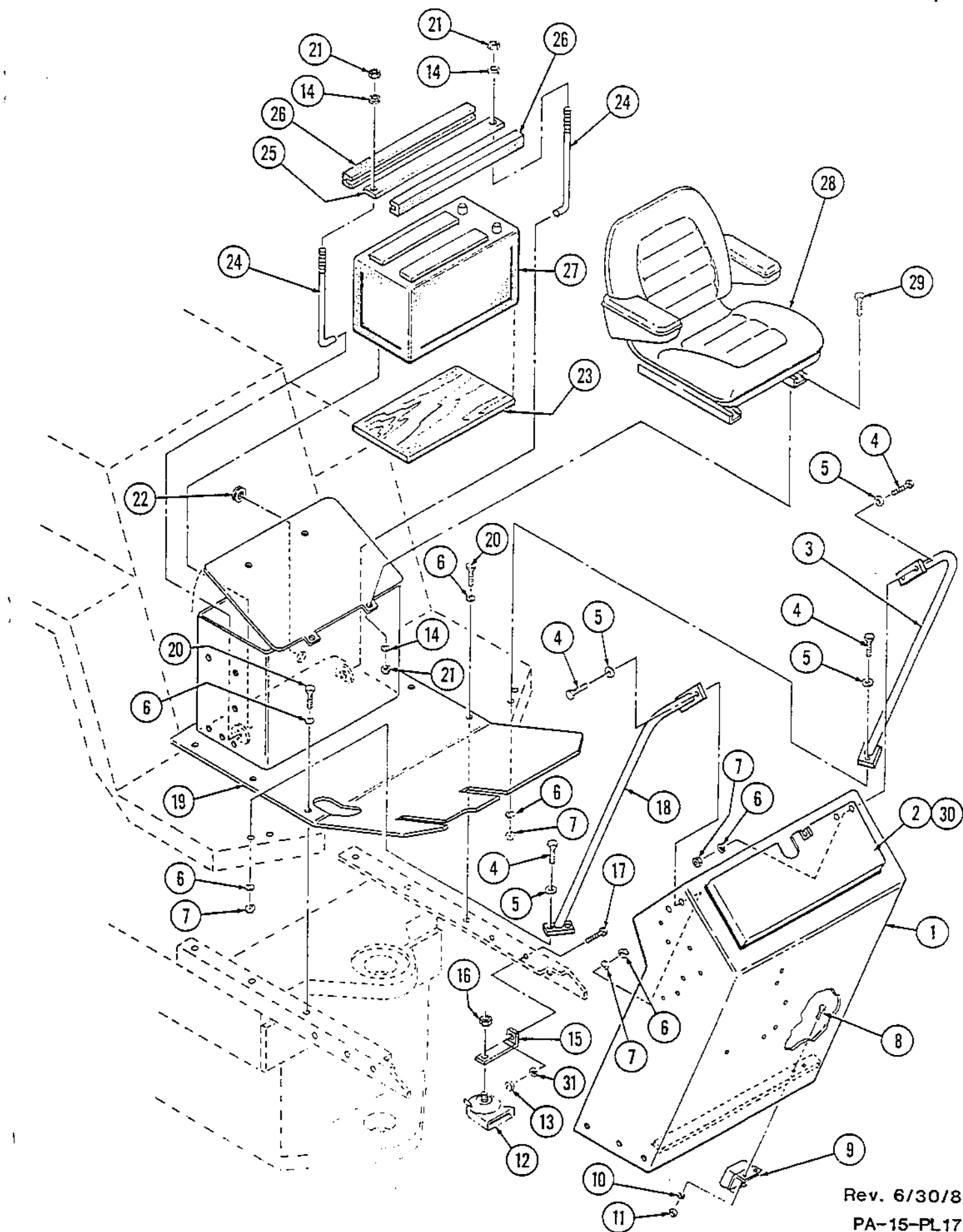


DRIVER'S PLATFORM

Driver's Platform	2
Instrument Panel	4
Controls & Control Cables	6-8
Forward & Reverse Control (S/N 505 & Up)	10
Forward & Reverse Control (To S/N 504)	12-16
Hand Brake Assy. (To S/N 468)	18
Foot Brake & Hand Brake (To S/N 2079)	20-22



Page		Group		Illustration Number		Catalog Number		Illustration	
2		7		PA-15-PL172		PA-15-PL01		Driver's Platform	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815034	Console	From S/N 2080 & Up To S/N 2079		
-	1	1	1		815049	Console			
2	1	1	1		815059	Cover, Instrument Panel			
3	1	1	1		815301	Handrail, LH			
4	8	8	8		502036	Capscrew, HH			
5	8	8	8		600007	Washer, Flat			
6	14	14	14		604028	Lockwasher			
7	8	8	8		571003	Hex Nut			
8	2	2	2		517046	Capscrew, HH			
9	1	1	1		975037	Relay, Horn			
10	2	2	2		604026	Lockwasher			
11	2	2	2		571001	Hex Nut			
12	1	1	1		999023	Horn			
13	1	1	1		571003	Hex Nut			
14	6	6	6		604027	Lockwasher			
15	1	1	1		999024	Bracket			
16	1	1	1		999025	Hex Nut			
17	1	1	1		502035	Capscrew, HH			
18	1	1	1		815302	Handrail, RH			
19	1	1	1		815054	Floorboard & Battery Box	To S/N 2079 S/N 2080 & Up		
-	1	1	1		815454	Floorboard & Battery Box			
20	6	6	6		502033	Capscrew, HH			
21	6	6	6		571002	Hex Nut			
22	1	1	1		909072	Grommet, Battery Cable			
23	1	1	1		335587	Base, Battery Box			
24	2	2	2		813330	Bolt, Battery Hold Down			
25	1	1	1		335496	Bar, Battery Hold Down			
26	2	2	2		801411	U-Channel 20½" Lg. ea. or 52.07 cm ea.			
27	1	1	1		470023	Battery			
28	1	1	1		465030	Seat			
29	4	4	4		502016	Capscrew, HH			
30	A/R	A/R	A/R		80116701	Trim, Edge 48" Lg. or 122 cm			
31	1	-	-		604006	Lockwasher			



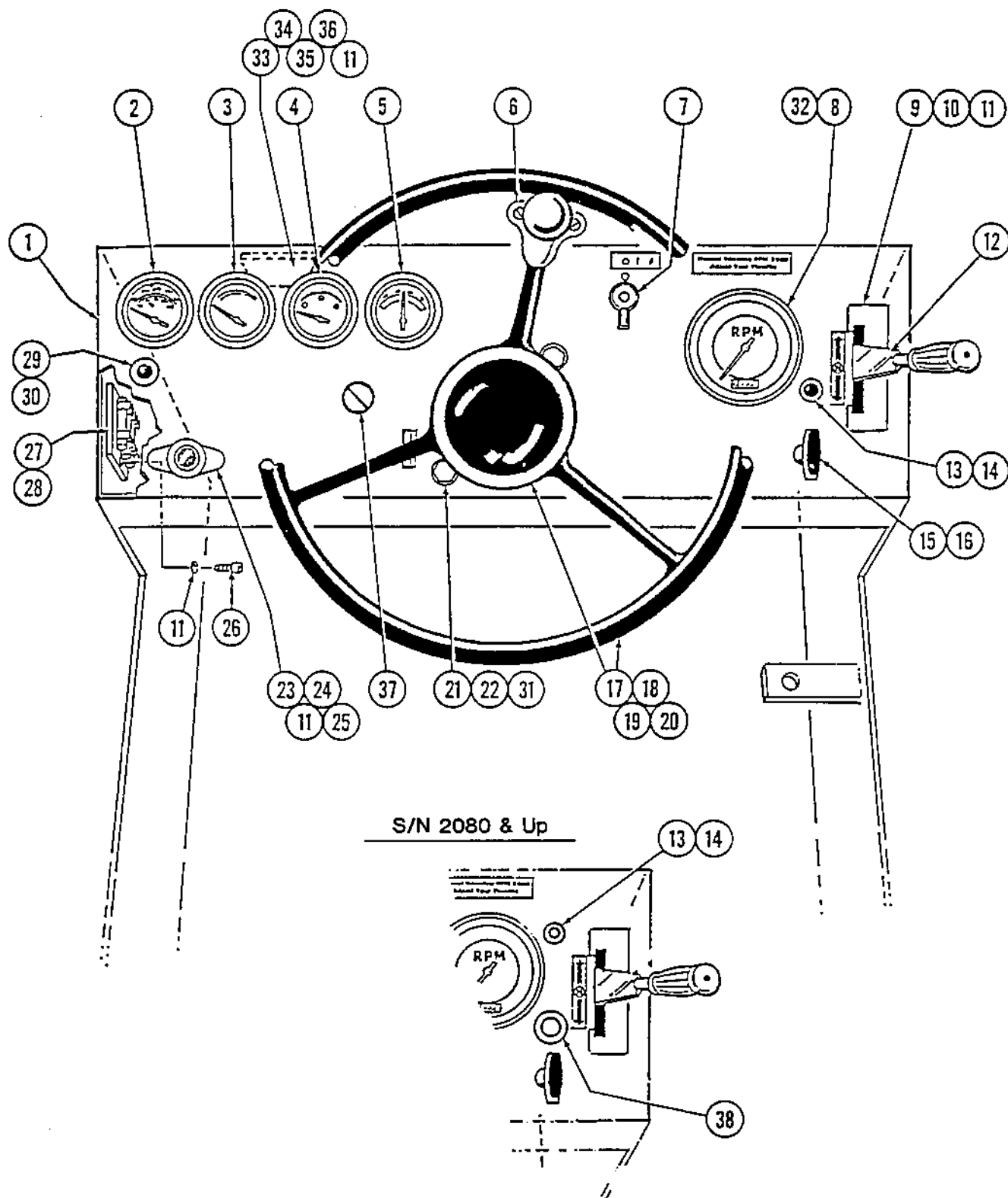
CA15, CA15D, CA15PD
Spare Parts Catalog



Page		Group		Illustration Number		Catalog Number		Illustration	
4		7		PA-15-PL174		PA-15-PL01		Instrument Panel	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815034	Console	From S/N 2080		
-	1	1	1		815049	Console	To S/N 2079		
2	1	1	1		801607	Gauge, Water Temp	S/N 911 & up		
-	1	1	1		989037	Gauge, Water Temp (See Note 1)	S/N 451 to 910		
3	1	1	1		989077	Gauge, Oil Temp	From S/N 451 & up		
-	1	1	1		* 989014	Gauge, Oil Temp	To S/N 448 & 450		
4	1	1	1		989079	Gauge, Fuel	From S/N 451 & up		
-	1	1	1		989016	Gauge, Fuel	To S/N 448 & 450		
5	1	1	1		989019	Ammeter			
6	1	1	1		813349	Assy, Wheel Spinner			
7	1	1	1		813411	Switch, Ignition			
8	1	1	1		802153	Assy., Tach & Clamp (Detroit Eng.) Elec.	S/N 1742 & up		
-	1	1	1		499223	Assy., Tach & Clamp (Detroit Eng.)	To S/N 1741		
-	1	1	1		802153	Assy., Tach & Clamp (J. Deere Eng.) Elec. ...	1924, 1928 to 1931		
-	1	1	1		813343	Assy., Tach & Clamp (J. Deere & Ford)	S/N 1936 & up		
9	1	1	1		815209	Cover, Fwd/Rev Notch	To S/N 1927, 1932 to 1935		
10	2	2	2		211105	Capscrew, Rd. Hd.	S/N 282 to 291		
11	6	6	6		604019	Lockwasher			
12	1	1	1		457086	Assy., Control Lever (See Group 7)			
13	1	1	1		985061	Assy, Brake Pilot Light			
14	1	1	1		985086	Bulb			
15	1	1	1		456069	Cable, Assy., Engine Stop	See Note 2		
16	1	1	1		457127	T-Handle, Engine Stop			
17	1	1	1		813336	Wheel, Steering			
18	1	1	1		813342	Nut, Wheel			
19	1	1	1		813337	Button, Plug			
20	1	1	1		335563	Column, Steering			
21	2	2	2		502035	Capscrew, HH			
22	2	2	2		604028	Lockwasher			
23	1	1	1		842160	Button, Horn			
24	2	2	2		550018	Capscrew, HH			
25	2	2	2		813370	Hex Nut			
26	2	2	2		550104	Capscrew, Soc. Hd.	To S/N 2079		
27	1	1	1		950059	Block, Fuse	To S/N 2079		
28	3	3	3		813412	Fuse	To S/N 2079		
29	1	1	1		985060	Assy., Engine Oil Pressure Light			
30	1	1	1		985012	Bulb			
31	1	1	1		335567	Assy., Steering Valve (See Group 5)			
32	1	1	1		457105	Elbow, Tach. Adapter (J. Deere & Ford)	To S/N 1927, 1932 to S/N 1935		
33	1	1	1		821397	Block, Fuse	S/N 2080 & up		
34	4	4	4		813412	Fuse	S/N 2080 & up		
35	2	2	2		80154602	Fuse	S/N 2080 & up		
36	2	2	2		510018	Capscrew, Soc. Hd.	S/N 2080 & up		
37	1	1	1		930151	Switch, High/Low Speed	S/N 2080 & up		
38	1	1	1		930200	Switch, Emergency Stop	S/N 2080 & up		
					* 989015	GAUGE, OIL TEMP			

Note 1: For Machines up to S/N 448 & 450 use 989014 for Water Temp. Gauge.

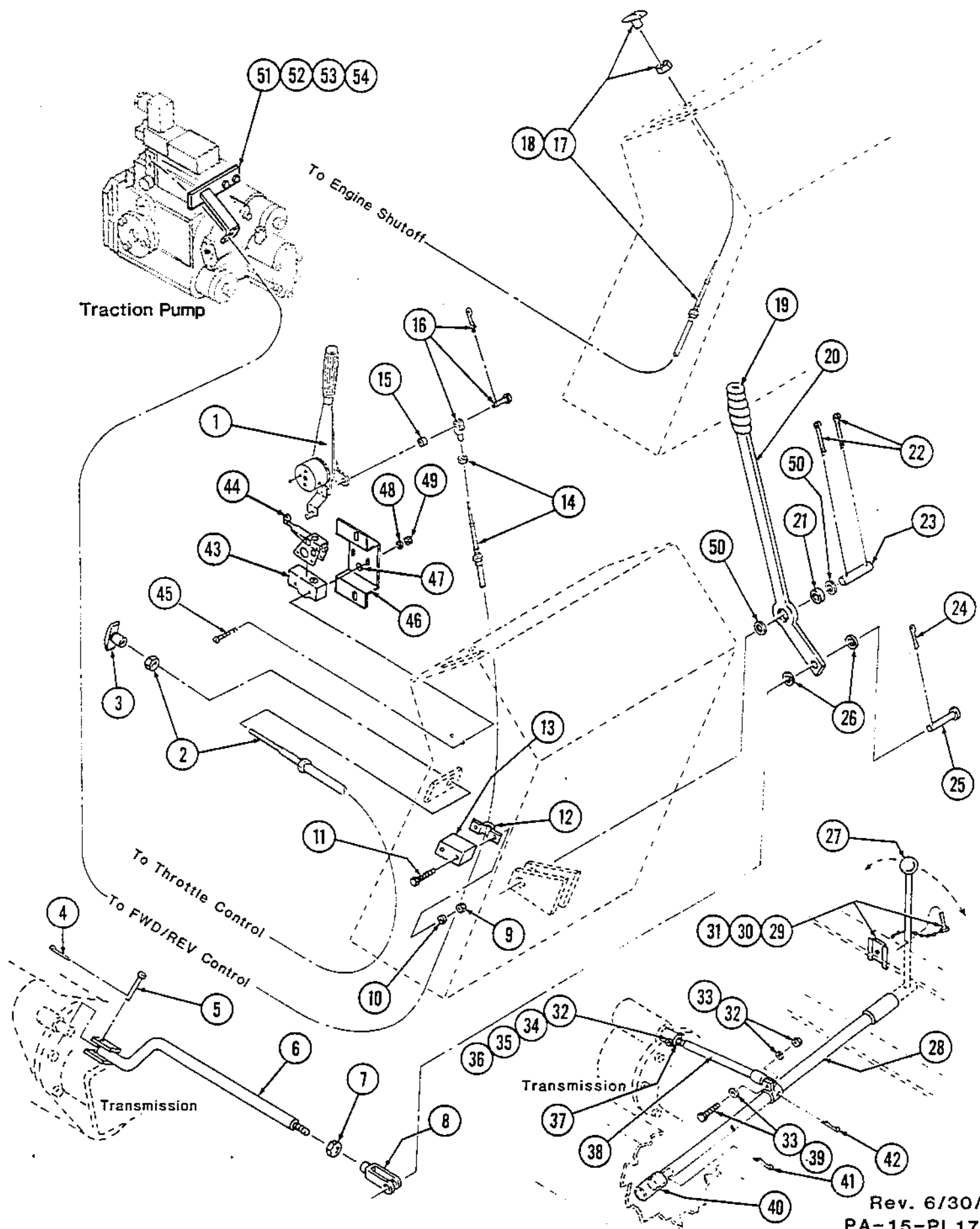
Note 2: Quantity of 2 used to S/N 1007 & 1010.



Page		Group		Illustration Number		Catalog Number		Illustration	
6		7		PA-15-PL175		PA-15-PL01		Controls & Control Cables	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		-	Assy., Fwd/Rev Control See Group 7	See Note 1 S/N 469 to 2079 ↓ S/N 469 to 2079		
2	1	1	1		456039	Cable, Throttle Control (Ford & J. Deere) ..			
-	1	1	1		456028	Cable, Throttle Control (Detroit)			
3	1	1	1		891141	T-Handle, Throttle			
4	1	1	1		630052	Pin, Cotter			
5	1	1	1		550048	Pin, Clevis			
6	1	1	1		815316	Link Transmission Shift			
7	1	1	1		572004	Hex Nut			
8	1	1	1		415193	Yoke			
9	2	2	2		572002	Hex Nut			
10	2	2	2		604027	Lockwasher	See Note 2 S/N 469 to 2079 ↓ To S/N 468 ↓ To S/N 468		
11	2	2	2		502131	Capscrew, HH			
12	1	1	1		457054	Clamp, Cable			
13	1	1	1		815080	Block, Cable			
14	1	1	1		456029	Cable, Fwd/Rev			
15	1	1	1		100053	Bushing, (Used on early models)			
16	2	2	2		813361	Assembly, Yoke			
17	1	1	1		456069	Cable, Engine Shutdown (Detroit)			
-	1	1	1		457127	T-Handle, Shutdown			
18	1	1	1		456039	Cable, Engine Shutdown (Ford)			
-	1	1	1		891141	T-Handle, Shutdown			
19	1	1	1		219002	Grip, Hand	S/N 469 to 2079 ↓ To S/N 468 ↓ To S/N 468		
20	1	1	1		815325	Lever, Transmission Shift			
21	1	1	1		100061	Bushing			
22	2	2	2		630009	Pin, Cotter			
23	1	1	1		815323	Pin			
24	1	1	1		630008	Pin, Cotter			
25	1	1	1		550113	Pin, Clevis			
26	1	1	1		602017	Washer, Flat			
27	1	1	1		813712	Knob			
28	1	1	1		815066	Shaft, Transmission Shift Lever			
29	1	1	1		815082	Bracket, Transmission Lever	To S/N 468		
30	1	1	1		815083	Bracket, Frame			

NOTE 1: Used for both 456039 & 456028 cables.

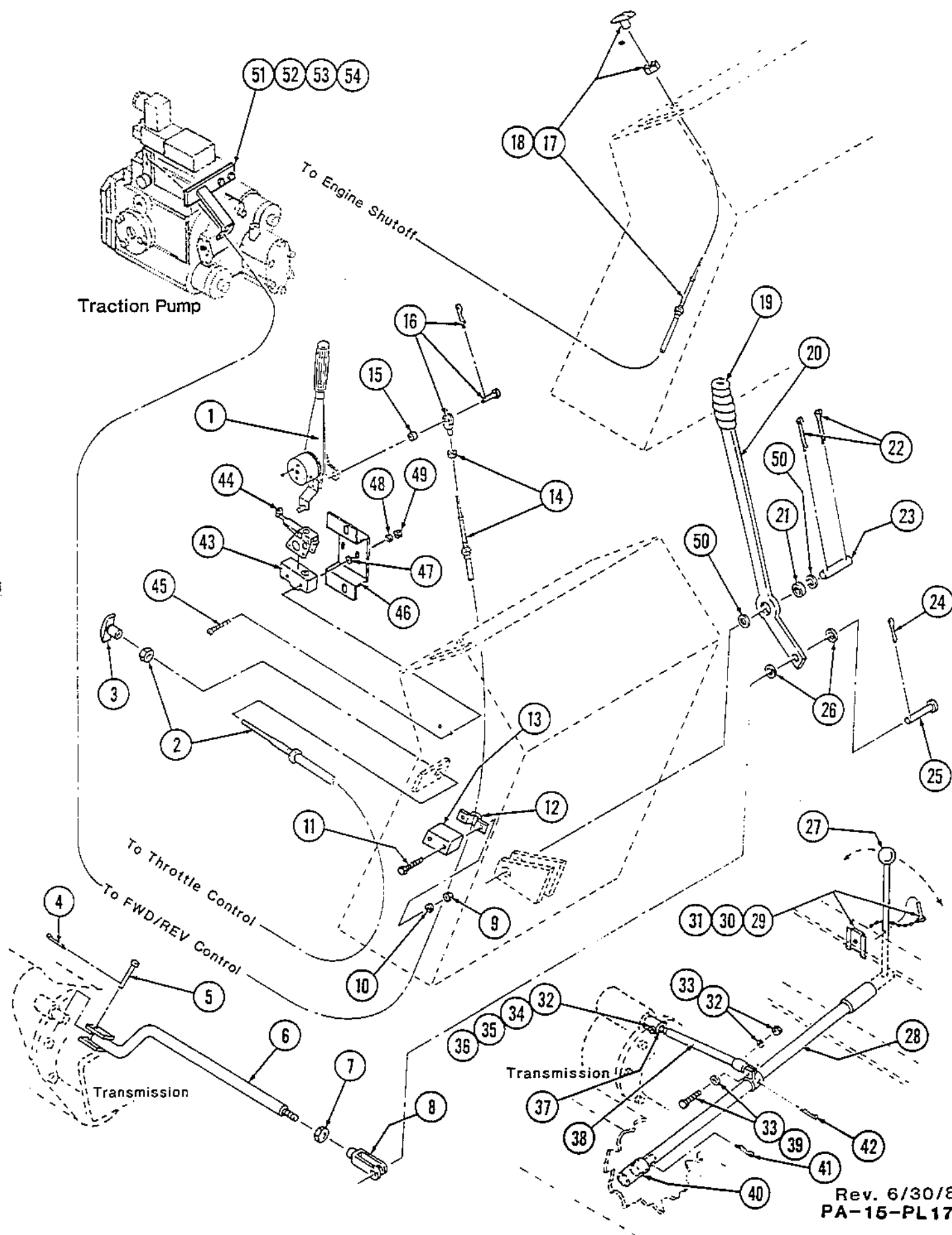
NOTE 2: Qty. of 2 used to S/N 1007 & 1010.



Page		Group		Illustration Number		Catalog Number		Illustration	
8		7		PA-15-PL175		PA-15-PL01		Controls & Control Cables	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
31	1	1	1		815088	Assembly, Pin Latch	To S/N 468		
32	2	2	2		571001	Hex Nut	To S/N 468		
33	2	2	2		604026	Lockwasher			
34	2	2	2		600005	Washer, Flat			
35	2	2	2		572001	Hex Nut	To S/N 2079		
36	1	1	1		502140	Capscrew, HH			
37	2	2	2		416066	Ball Joint, Rod End			
38	1	1	1		8150655	Bar, Transmission Connector	To S/N 468		
39	1	1	1		509081	Capscrew, HH			
40	2	2	2		815068	Spacer			
41	2	2	2		630028	Pin, Cotter	To S/N 2079		
42	1	1	1		635003	Pin, Groove			
43	1	1	1		930099	Switch, Micro			
44	1	1	1		457087	Actuator	To S/N 468		
45	2	2	2		893394	Screw, Rd. Hd. Brass			
46	1	1	1		337843	Bracket, Switch Mount			
47	2	2	2		600028	Washer, Flat	To S/N 2079		
48	2	2	2		604024	Lockwasher, Int. Tooth			
49	2	2	2		571021	Hex Nut, Brass			
50	2	2	2		602017	Washer, Flat	To S/N 2079		
51	1	1	1		815036	Bracket			
-	1	1	1		815513	Bracket			
52	2	2	2		600005	Washer, Flat	S/N 2080 & Up		
53	2	2	2		502012	Capscrew, HH	To S/N 2079		
-	2	2	2		500053	Capscrew, HH	S/N 2080 & Up		
54	2	2	2		604026	Lockwasher	To S/N 2079		
-	2	2	2		615043	Lockwasher, Conical Spring	S/N 2080 & Up		

NOTE 1: Used for both 456039 & 456028 cables.

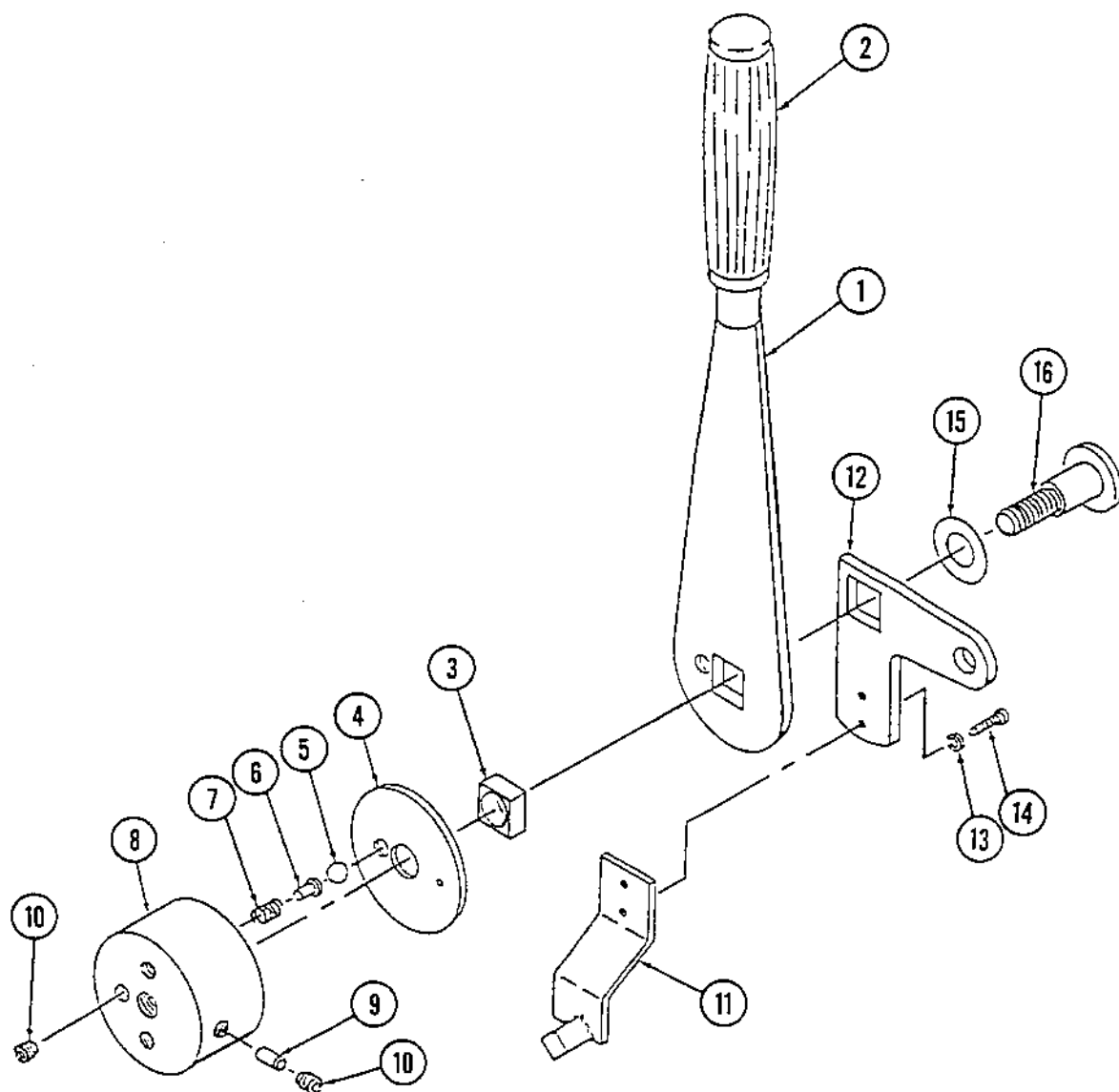
NOTE 2: Qty. of 2 used to S/N 1007 & 1010.



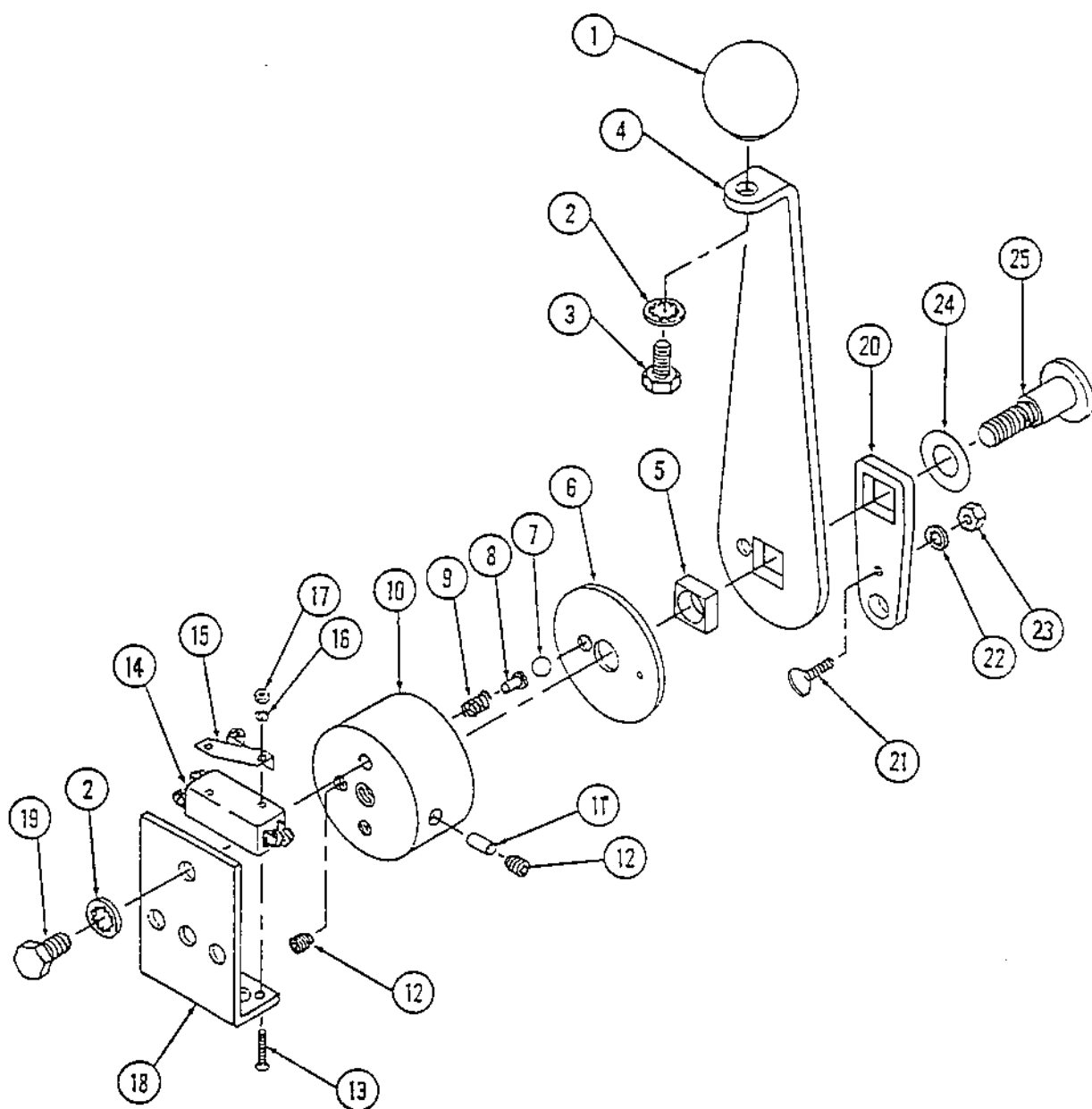
CA15, CA15D, CA15PD
Spare Parts Catalog



Page		Group		Illustration Number		Catalog Number		Illustration	
10		7		PA-15-PL159		PA-15-PL01		Forward/Reverse Control	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1	1	1		457086	Assy., Fwd/Rev Control	S/N 505 & Up		
1	1	1	1		891813	Lever, Input			
2	1	1	1		891816	Grip, Handle			
3	1	1	1		891806	Square, Locking			
4	1	1	1		891814	Washer, Nylon			
5	1	1	1		891788	Ball			
6	1	1	1		891198	Cap			
7	1	1	1		891787	Spring			
8	1	1	1		891803	Drum, Center			
9	1	1	1		891804	Plug, Brass			
10	2	2	2		891196	Setscrew, Allen Hd.			
11	1	1	1		891811	Lever, Actuator Output			
12	1	1	1		891802	Lever, Output			
13	2	2	2		892828	Lockwasher			
14	2	2	2		817057	Screw, Rd. Hd.			
15	1	1	1		891586	Washer, Nylon			
16	1	1	1		891805	Bolt, Centering			

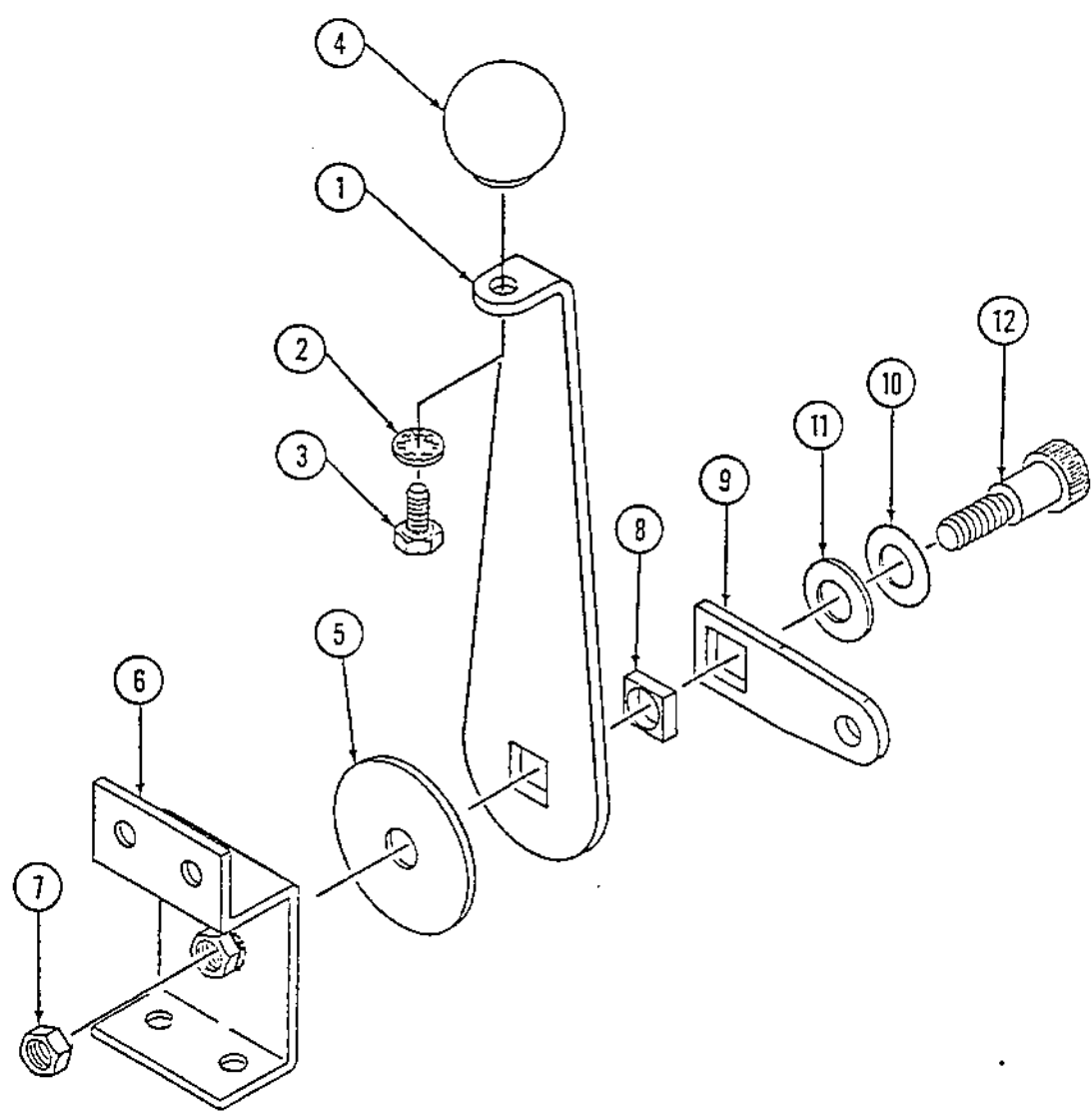


Page		Group		Illustration Number	Catalog Number	Illustration	
12		7		PA-15-PL160	PA-15-PL01	Forward/Reverse Control	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		457073	Assy., Fwd/Rev Control	S/N 292 To 504
1	1	1	1		891815	Ball, Input Lever	
2	3	3	3		891790	Washer, Int. Tooth	
3	1	1	1		891791	Bolt, HH	
4	1	1	1		891801	Lever, Input	
5	1	1	1		891806	Square, Locking	
6	1	1	1		891814	Washer, Nylon	
7	1	1	1		891788	Ball	
8	1	1	1		891198	Cap	
9	1	1	1		891787	Spring	
10	1	1	1		891803	Drum, Center	
11	1	1	1		891804	Plug, Brass	
12	2	2	2		891196	Setscrew, Allen Hd.	
13	2	2	2		NSS	Screw, Flat Hd.	
14	1	1	1		930102	Switch, Micro	
15	1	1	1		457098	Actuator	
16	2	2	2		NSS	Washer, Int. Tooth	
17	2	2	2		NSS	Hex Nut	
18	1	1	1		891800	Bracket, Switch Mount	
19	2	2	2		891789	Bolt, HH	
20	1	1	1		891580	Lever, Output	
21	1	1	1		891199	Lever, Actuator	
22	1	1	1		893517	Washer, Int. Tooth	
23	1	1	1		NSS	Hex Nut	
24	1	1	1		891586	Washer, Nylon	
25	1	1	1		891805	Bolt, Centering	

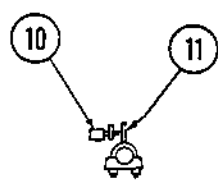
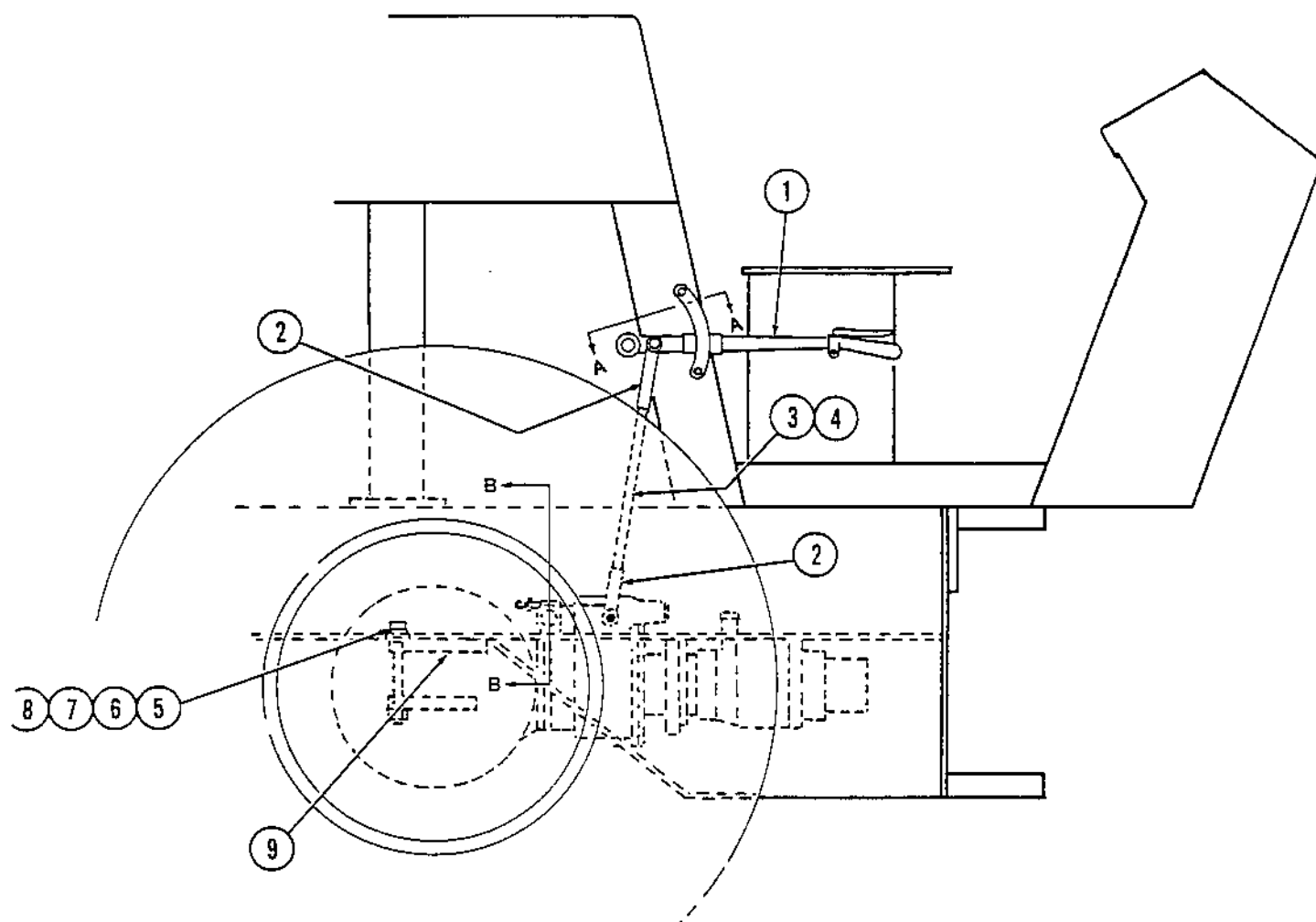


Page		Group		Illustration Number	Catalog Number	Illustration	
14		7		PA-15-PL161	PA-15-PL01	Forward/Reverse Control	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		457072	Assy., Fwd/Rev Control	S/N 282 To 291
1	1	1	1		891801	Lever, Input	
2	3	3	3		891790	Washer, Int. Tooth	
3	1	1	1		891791	Bolt, HH	
4	1	1	1		891815	Ball, Input Handle	
5	1	1	1		891806	Square, Locking	
6	1	1	1		891814	Washer, Nylon	
7	1	1	1		891788	Ball	
8	1	1	1		891198	Cap	
9	1	1	1		891787	Spring	
10	1	1	1		891803	Drum, Center	
11	1	1	1		891804	Plug, Brass	
12	2	2	2		891196	Setscrew, Allen Hd.	
13	1	1	1		891800	Bracket, Mounting	
14	2	2	2		891789	Bolt, HH	
15	1	1	1		891580	Lever, Output	
16	1	1	1		891799	Washer, Nylon	
17	1	1	1		891805	Bolt, Centering	

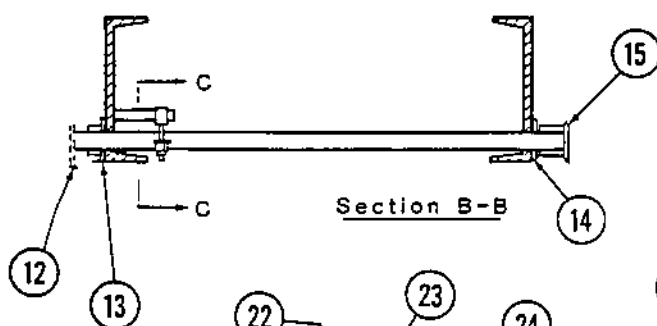
Page		Group		Illustration Number		Catalog Number		Illustration	
16		7		PA-15-PL162		PA-15-PL01		Forward/Reverse Control	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1	1	1		891583	Assy., Fwd/Rev Control	To S/N 281		
1	1	1	1		891801	Lever, Input			
2	1	1	1		891790	Washer, Int. Tooth			
3	1	1	1		891791	Bolt, HH			
4	1	1	1		891815	Ball, Input Lever			
5	1	1	1		891814	Washer, Nylon			
6	1	1	1		893487	Bracket, Mounting			
7	1	1	1		NSS	Hex Nut			
8	1	1	1		891806	Square, Locking			
9	1	1	1		891797	Lever, Output			
10	1	1	1		891586	Washer, Nylon			
11	1	1	1		NSS	Washer, Flat			
12	1	1	1		894021	Bolt, Shoulder			



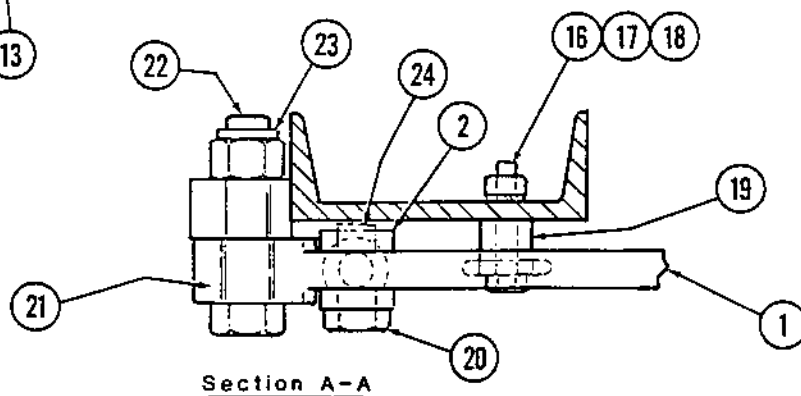
Page		Group		Illustration Number		Catalog Number		Illustration	
18		7		PA-15-PL180		PA-15-PL01		Hand Brake Assembly (To S/N 468)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		801055	Assembly, Brake Lever			
2	2	2	2		415086	Yoke, Brake Lever			
3	1	1	1		815061	Bar, Brake Connector			
4	2	2	2		572005	Hex Nut			
5	4	4	4		813363	Yoke, Brake			
6	4	4	4		813364	Pin, Clevis			
7	4	4	4		630036	Pin, Cotter			
8	4	4	4		572001	Hex Nut			
9	2	2	2		815064	Bar, Brake Connector			
10	1	1	1		930061	Switch, Brake			
11	1	1	1		815227	Switch, Brake Actuator			
12	1	1	1		815062	Shaft, Brake Lever			
13	2	2	2		415088	Bearing, Flange			
14	2	2	2		635009	Pin, Groove			
15	1	1	1		815063	Lever, Brake Shaft			
16	2	2	2		801459	Capscrew, HH			
17	2	2	2		571003	Capscrew, HH			
18	2	2	2		604028	Lockwasher			
19	2	2	2		801060	Spacer, Ratchet			
20	2	2	2		815091	Pin, Clevis			
21	1	1	1		100048	Bearing, Sleeve			
22	1	1	1		502150	Capscrew, HH			
23	1	1	1		813475	Nut, Elastic Stop			
24	2	2	2		630059	Pin, Cotter			



Section C-C

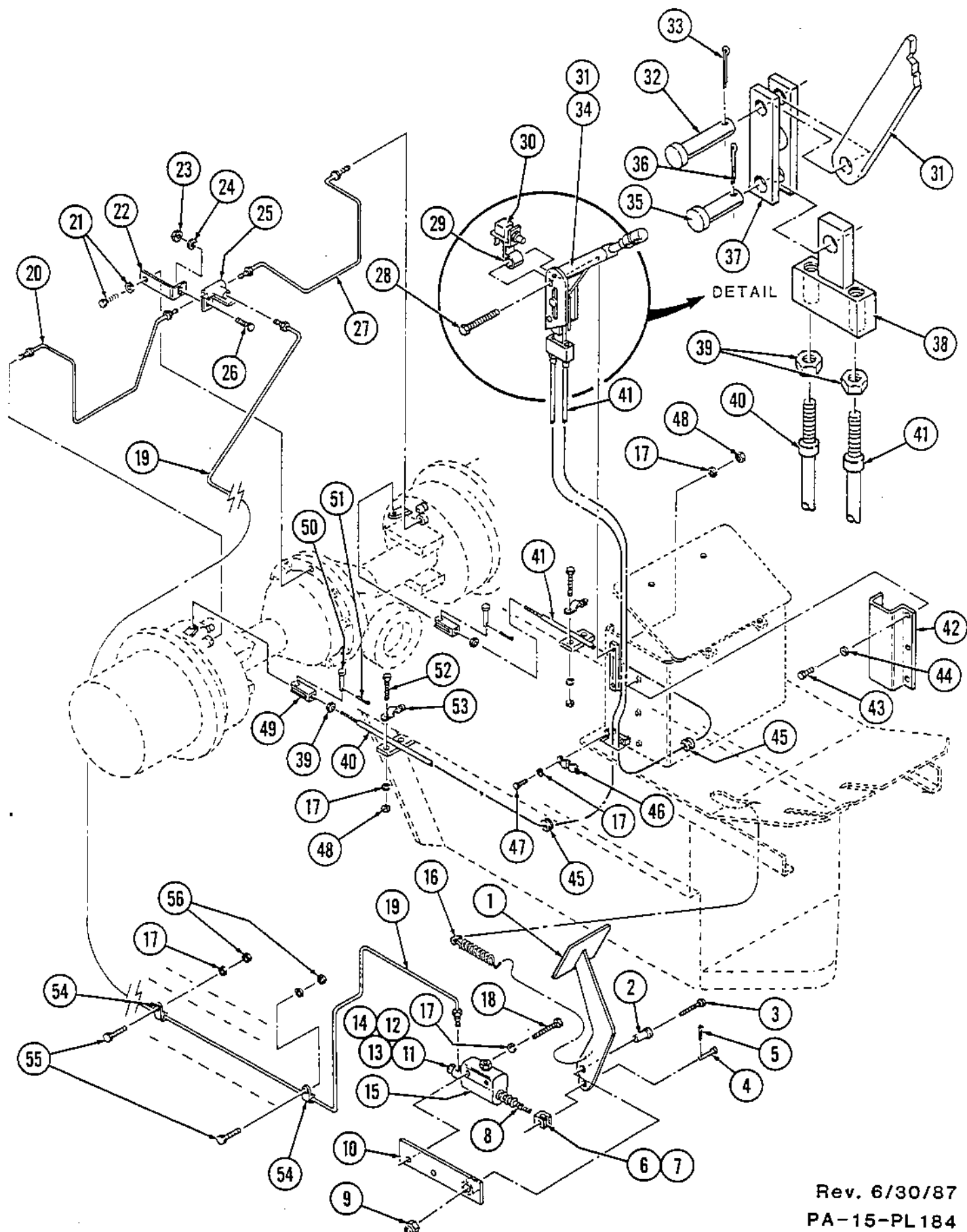


Section B-B

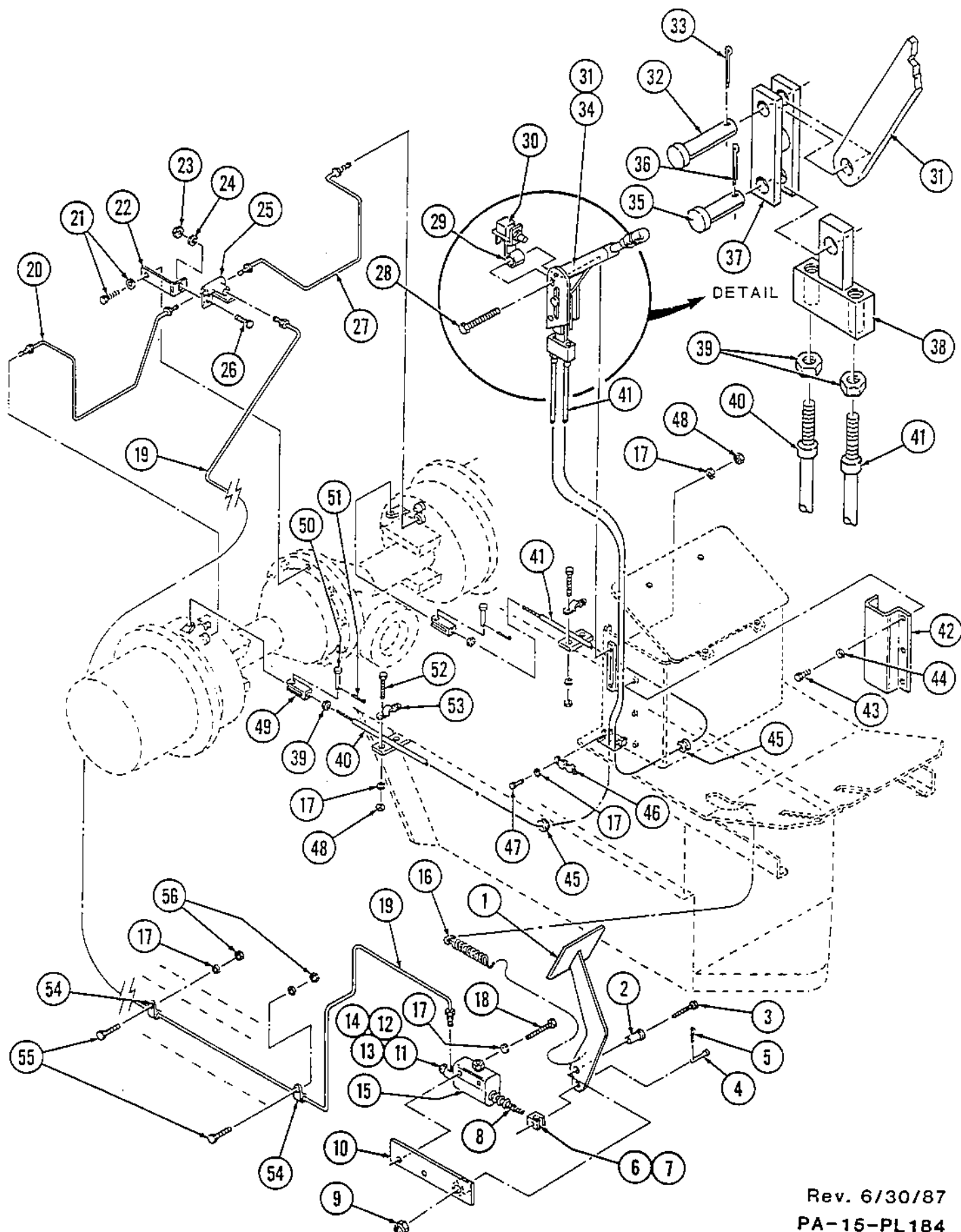


Section A-A

Page		Group		Illustration Number		Catalog Number		Illustration	
20		7		PA-15-PL184		PA-15-PL01		Foot & Hand Brake Assy. (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815317	Pedal, Brake			
2	2	2	2		813339	Bushing			
3	1	1	1		503043	Capscrew, HH			
4	1	1	1		550037	Pin, Clevis			
5	1	1	1		630035	Pin, Cotter			
6	1	1	1		335585	Yoke			
7	1	1	1		503024	Set Screw, Cup Pt. Soc. Hd.			
8	1	1	1		813512	Rod, Push			
9	1	1	1		572004	Locknut			
10	1	1	1		815318	Bracket, Master Cylinder			
11	1	1	1		813344	Washer, Brass			
12	1	1	1		813351	Washer, Brass			
13	1	1	1		813334	Bolt, Connector			
14	1	1	1		813333	Connector, Brake			
15	1	1	1		813332	Cylinder, Master			
-	1	1	1		813497	Kit, Master Cyl. Repair			
16	1	1	1		813335	Spring, Brake Pedal			
17	10	10	10		604028	Lockwasher			
18	2	2	2		502045	Capscrew, HH			
19	1	1	1		815289	Brake Line, Master Cylinder			
20	1	1	1		815291	Line, R.H. Brake			
21	-	-	-		-	Existing Hardware			
22	1	1	1		815292	Bracket, Tee			
23	1	1	1		-	Hex Nut			
24	1	1	1		604027	Lockwasher			
25	1	1	1		813310	Tee			
26	1	1	1		502016	Capscrew, HH			
27	1	1	1		815290	Line, L.H. Brake			
28	2	2	2		502041	Capscrew, HH			



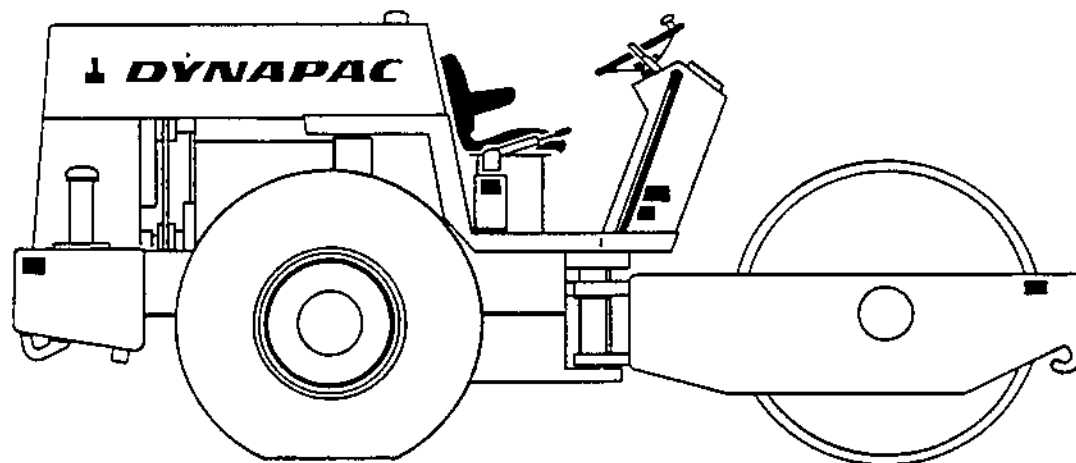
Page		Group		Illustration Number		Catalog Number		Illustration	
22		7		PA-15-PL184		PA-15-PL01		Foot & Hand Brake Assy. (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
29	1	1	1		842101	Bracket, Brake Switch			
30	1	1	1		930061	Switch, Brake			
31	1	1	1		415194	Lever, Brake			
32	1	1	1		NSS	Pin, Clevis			
33	1	1	1		NSS	Pin, Cotter			
34	1	1	1		85021001	Spacer			
35	1	1	1		813362	Pin, Clevis			
36	1	1	1		630035	Pin, Cotter			
37	1	1	1		815320	Link, Connecting			
38	1	1	1		815319	Attachment, Cable			
39	4	4	4		572003	Hex Nut			
40	1	1	1		456057	Cable, R.H. Brake			
41	1	1	1		456058	Cable, L.H. Brake			
42	1	1	1		815322	Cover, Brake Lever			
43	3	3	3		502004	Capscrew, HH			
44	3	3	3		604026	Lockwasher			
45	2	2	2		813367	Grommet			
46	1	1	1		815321	Clamp, Cable			
47	2	2	2		502038	Capscrew, HH			
48	6	6	6		571003	Hex Nut			
49	2	2	2		815329	Clevis			
50	2	2	2		813364	Pin, Clevis			
51	2	2	2		630052	Pin, Cotter			
52	4	4	4		502036	Capscrew, HH			
53	2	2	2		813353	Clamp, Cable			
54	2	2	2		813313	Clamp, Brake Line			
55	2	2	2		502035	Capscrew, HH			
56	2	2	2		571003	Hex Nut			



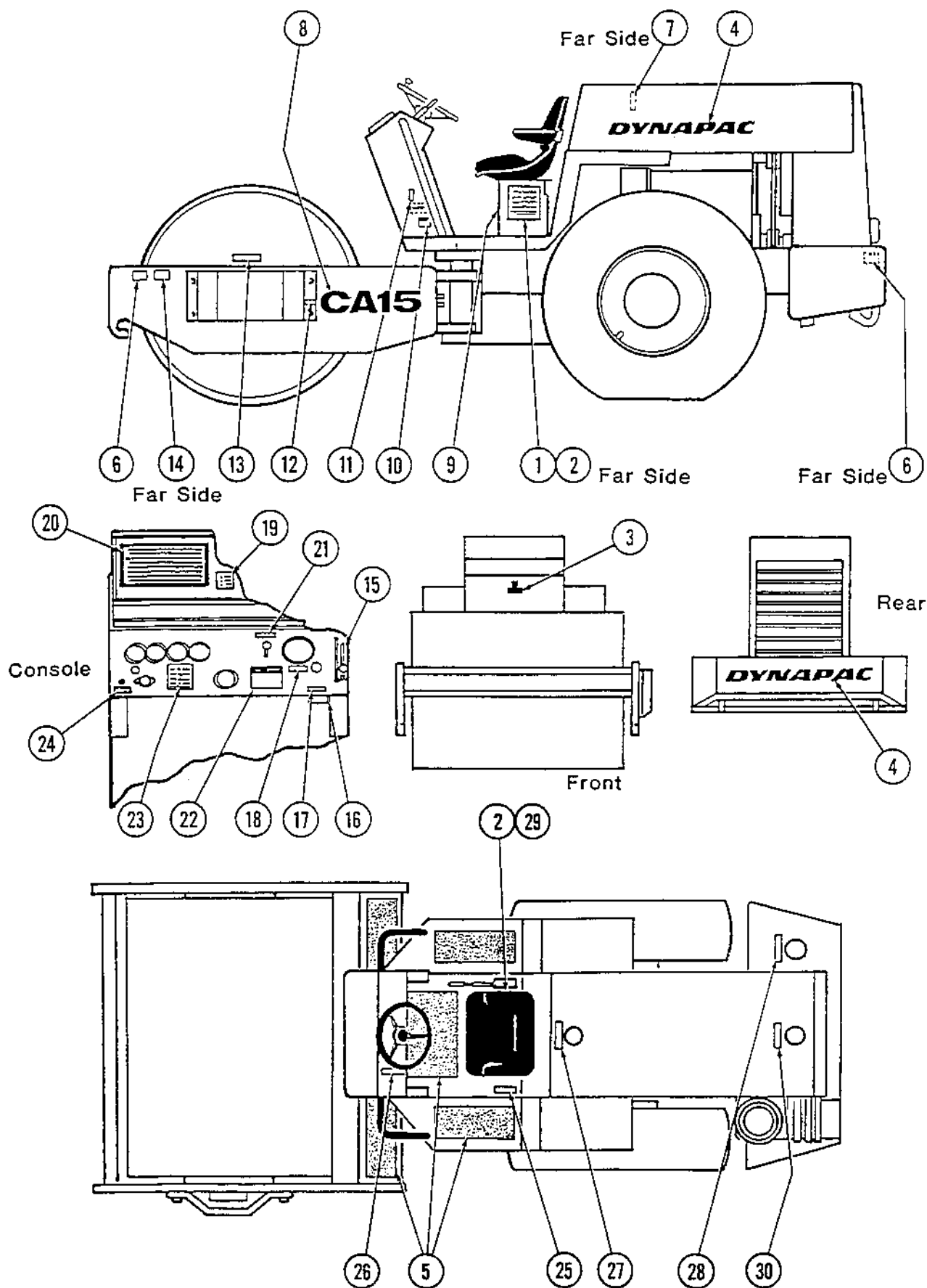


DECALS

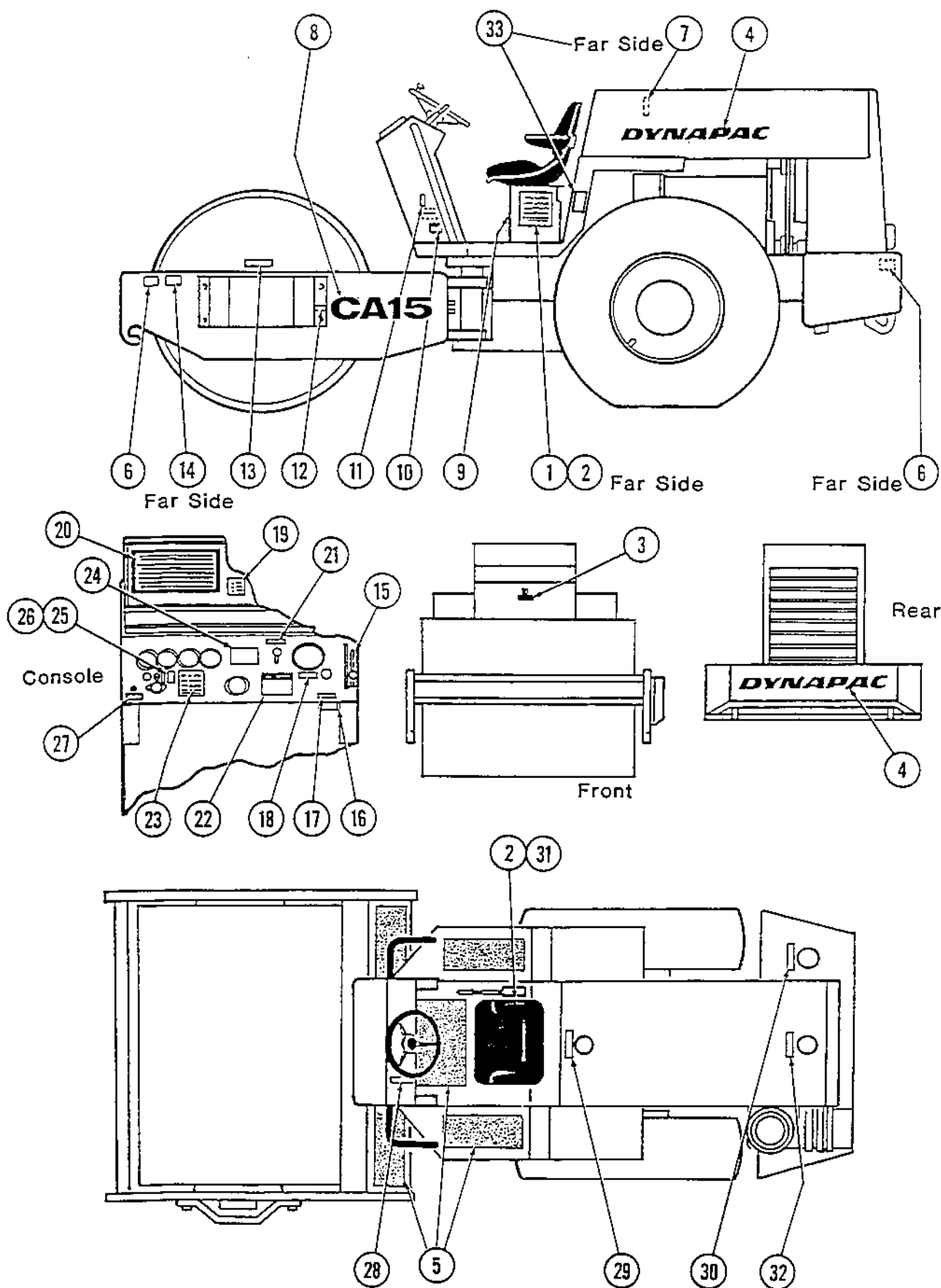
CA15, 15D & 15PD (To S/N 2079)	2
CA15, 15D, Dual Amplitude	4
CA15, 15D & 15PD (S/N 2080 & Up)	6



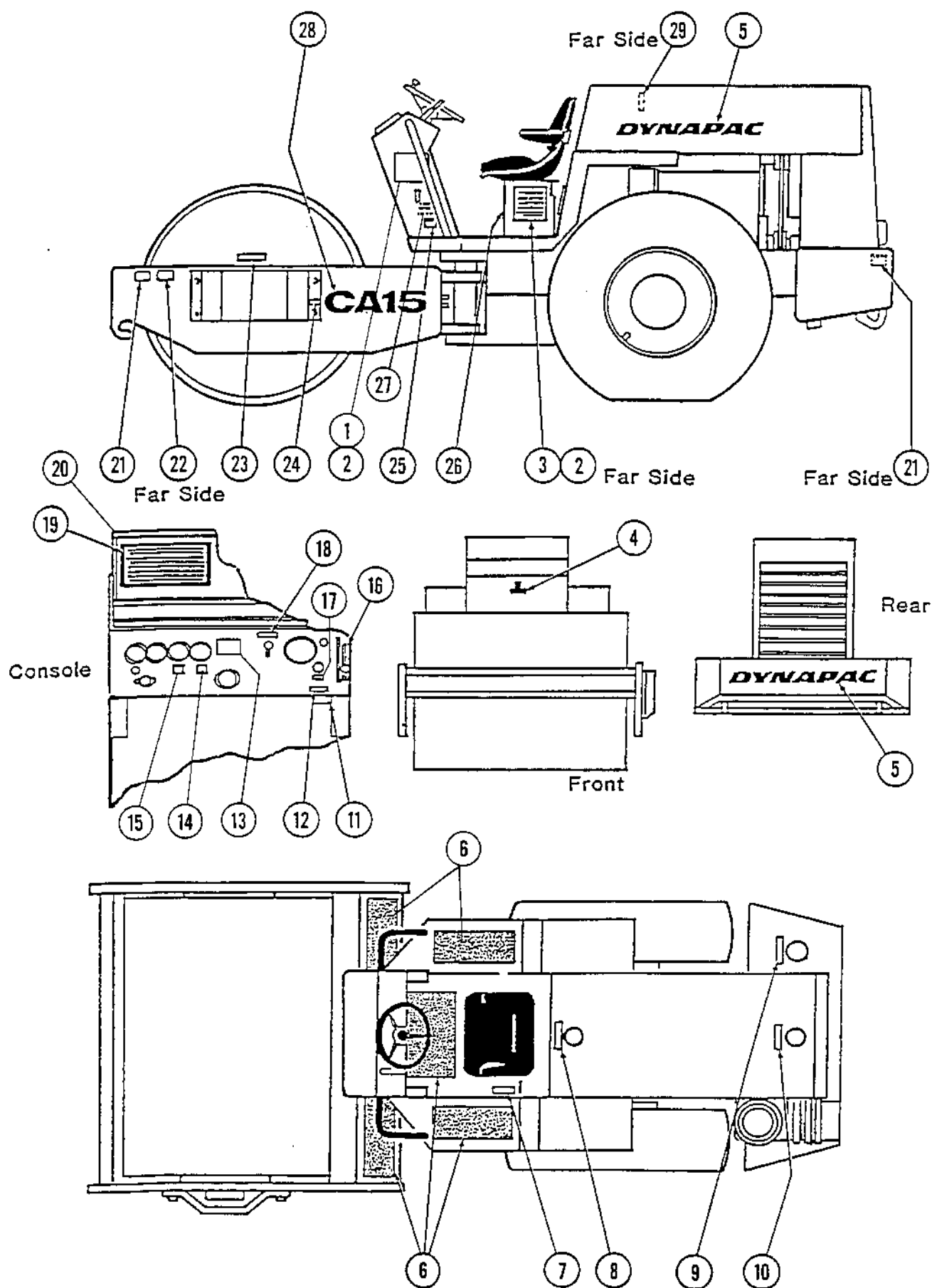
Page		Group		Illustration Number		Catalog Number		Illustration	
2		8		PA-15-PL141		PA-15-PL01		Decals (To S/N 2079)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1				815463	Kit, Decal	To 1007 & 1010		
-		1			815465	Kit, Decal			
			1		815466	Kit, Decal			
1	1	1	1		801458	Decal, Safety Precaution			
2	1	1	1		826788	Decal, Operating Safety			
3	1	1	1		80110807	Decal, Group Symbol			
4	3	3	3		309100502	Decal, Dynapac			
5	6	6	6		825675	Walks, Safety			
6	2	2	2		NSS	Decal, Tie Down & Blocking			
7	1	1	1		NSS	Decal, Hyd. Oil Level			
8	2	2	2		NSS	Decal, Identification			
9	1	1	1		NSS	Decal, Lubrication			
10	2	2	2		NSS	Decal, Stay Clear Warning			
11	1	1	1		NSS	Decal, Trans. Shift Warning			
12	-	1	1		NSS	Decal, Oil Level			
13	-	1	1		NSS	Decal, Oil Fill			
14	1	1	1		NSS	Decal, Drum Oil Level			
15	1	1	1		NSS	Decal, Motion Control			
16	1	1	1		NSS	Decal, Throttle			
17	1	1	1		NSS	Decal, Engine Stop			
18	1	1	1		NSS	Decal, Tachometer			
19	1	1	1		NSS	Decal, Towing			
20	1	1	1		NSS	Decal, Operating Instructions			
21	1	1	1		NSS	Decal, Ignition Switch			
22	1	1	1		NSS	Decal, Towing Temp. & Press			
23	1	1	1		NSS	Decal, Speed Selector			
24	1	1	1		NSS	Decal, Emergency Stop (Det. Eng.)			
25	1	1	1		NSS	Decal, Vibration			
26	1	1	1		NSS	Decal, Speed Position			
27	1	1	1		NSS	Decal, Hydraulic Oil			
28	1	1	1		NSS	Decal, Diesel Fuel			
29	1	1	1		NSS	Decal, Brake Safety			
30	1	1	1		NSS	Decal, Water			



Page		Group		Illustration Number		Catalog Number		Illustration	
4		8		PA-15-PL142		PA-15-PL01		Decals (Dual Amplitude Machine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D							
-	1	-			815803	Kit, Decal	To 1007 & 1010		
-	-	1			815802	Kit, Decal			
1	1	1			801458	Decal, Safety Precaution			
2	1	1			826788	Decal, Operating Safety			
3	1	1			80110807	Decal, Group Symbol			
4	3	3			309100502	Decal, Dynapac			
5	6	6			825675	Walks, Safety			
6	2	2			NSS	Decal, Tie Down & Blocking			
7	1	1			NSS	Decal, Hyd. Oil Level			
8	2	2			NSS	Decal, Identification			
9	1	1			NSS	Decal, Lubrication			
10	2	2			NSS	Decal, Stay Clear Warning			
11	1	1			NSS	Decal, Trans. Shift Warning			
12	-	1			NSS	Decal, Oil Level			
13	-	1			NSS	Decal, Oil Fill			
14	1	1			NSS	Decal, Drum Oil Level			
15	1	1			NSS	Decal, Motion Control			
16	1	1			NSS	Decal, Throttle			
17	1	1			NSS	Decal, Engine Stop			
18	1	1			NSS	Decal, Tachometer			
19	1	1			NSS	Decal, Towing			
20	1	1			NSS	Decal, Operating Instructions			
21	1	1			NSS	Decal, Ignition Switch			
22	1	1			NSS	Decal, Towing Temp & Pressure			
23	1	1			NSS	Decal, Speed Selector			
24	1	1			NSS	Decal, Vibration Frequency			
25	1	1			NSS	Decal, Vibration			
26	1	1			NSS	Decal, On-Off			
27	1	1			NSS	Decal, Emergency Stop (Det. Eng.)			
28	1	1			NSS	Decal, Speed Position			
29	1	1			NSS	Decal, Hydraulic Oil			
30	1	1			NSS	Decal, Diesel Fuel			
31	1	1			NSS	Decal, Brake Safety			
32	1	1			NSS	Decal, Water			
33	1	1			NSS	Decal, Amplitude Control			



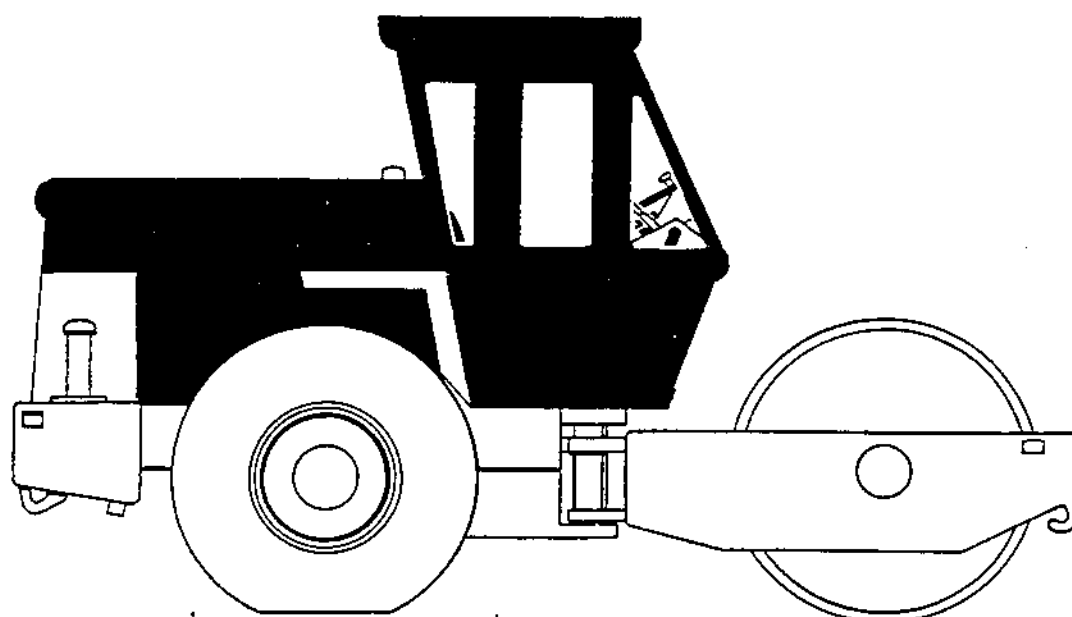
Page		Group		Illustration Number	Catalog Number	Illustration	
6		8		PA-15-PL206	PA-15-PL01	Decals (S/N 2080 & Up)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
-	1	1	1		815913	Kit, Decal	
1	1	1	1		801458	Plate, Safety Precaution	
2	12	12	12		926903	Tacks, Metal	
3	1	1	1		826788	Operating Safety Plate	
4	1	1	1		80110807	Decal, Group Symbol	
5	3	3	3		309100502	Decal, Dynapac	
6	6	6	6		825675	Safety Walk	
7	1	1	1		NSS	Decal, Vibration	
8	1	1	1		NSS	Decal, Hydraulic Oil	
9	1	1	1		NSS	Decal, Diesel Fuel	
10	1	1	1		NSS	Decal, Water	
11	1	1	1		NSS	Decal, Throttle	
12	1	1	1		NSS	Decal, Engine Stop	
13	1	1	1		NSS	Decal, Decibel Level	
14	1	1	1		NSS	Decal, High Speed	
15	1	1	1		NSS	Decal, Low Speed	
16	1	1	1		NSS	Decal, Motion Control	
17	1	1	1		NSS	Decal, Brake	
18	1	1	1		NSS	Decal, Ignition Switch	
19	1	1	1		NSS	Decal, Operating Instructions	
20	1	1	1		NSS	Edge Trim	
21	2	2	2		NSS	Decal, Tie Down & Blocking	
22	1	1	1		NSS	Decal, Drum Oil Level	
23	-	1	1		NSS	Decal, Oil Fill	
24	-	1	1		NSS	Decal, Oil Level	
25	2	2	2		NSS	Decal, Stay Clear Warning	
26	1	1	1		NSS	Decal, Lubrication Chart	
27	1	1	1		NSS	Name Plate	
28	2	2	2		NSS	Decal, Identification	
29	1	1	1		NSS	Decal, Hydraulic Oil Level	





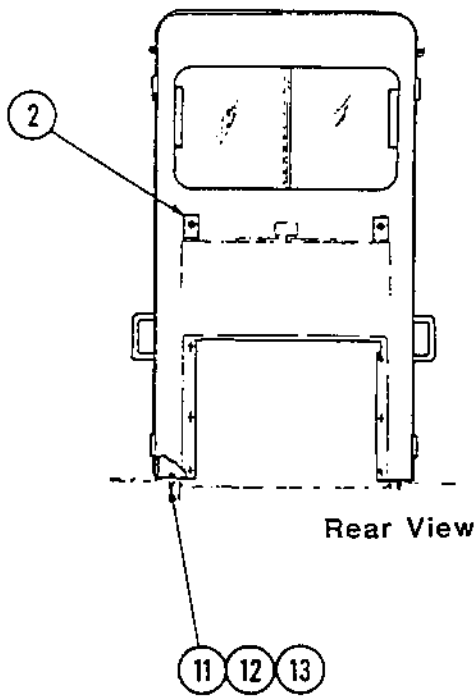
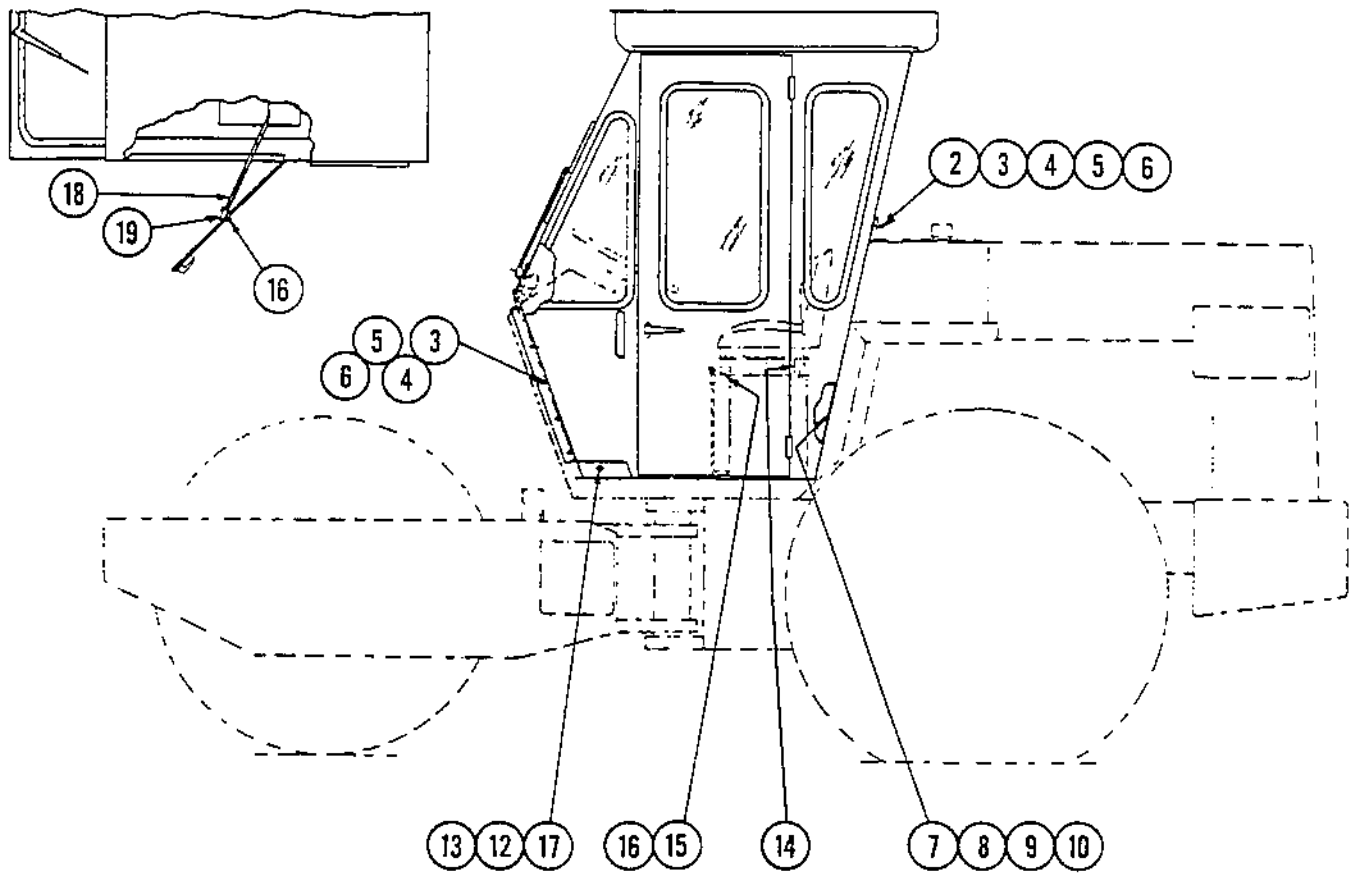
OPTIONAL EQUIPMENT

Cab Assembly	2
Cab Heater & Defroster	4
Headlight Assembly	6
Seat Belt and ROPS	8
Umbrella	10
Noise Reduction, J. Deere	12
Noise Reduction, Ford	14
Noise Reduction, Detroit	16
Right Side Engine Cover	18
Left Side Engine Cover	20

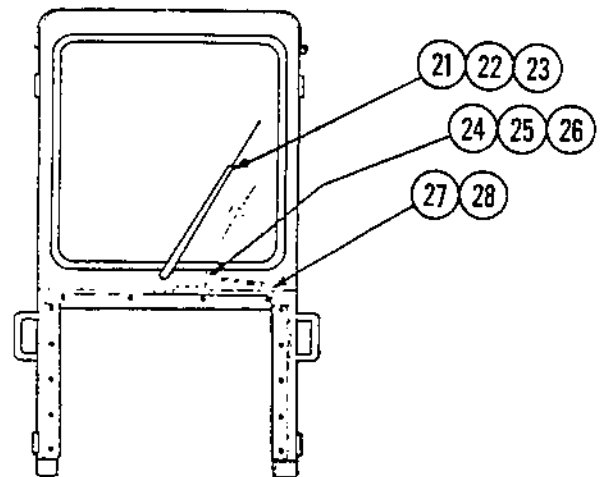


Page		Group		Illustration Number		Catalog Number		Illustration	
2		10		PA-15-PL150		PA-15-PL01		Cab Assembly	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		815352	Cab			
2	2	2	2		815245	Bracket, Mounting			
3	16	16	16		502035	Capscrew, HH			
4	16	16	16		604028	Washer, Flat			
5	16	16	16		600007	Lockwasher			
6	16	16	16		571003	Hex Nut			
7	6	6	6		517046	Capscrew, HH			
8	10	10	10		600005	Washer, Flat			
9	10	10	10		604026	Lockwasher			
10	6	6	6		571001	Hex Nut			
11	6	6	6		586049	Capscrew, HH			
12	8	8	8		604030	Lockwasher			
13	8	8	8		571005	Hex Nut			
14	4	4	4		815246	Spacer, Seat			
15	4	4	4		502285	Capscrew, HH			
16	6	6	6		604027	Lockwasher			
17	2	2	2		502058	Capscrew, HH			
18	2	2	2		815244	Brace, Door			
19	2	2	2		334313	Joint, Swivel			
20	2	2	2		572002	Hex Nut			
21	1	1	1		499297	Motor, Windshield Wiper			
22	1	1	1		499298	Arm, Windshield Wiper			
23	1	1	1		499299	Blade, Windshield Wiper			
24	1	1	1		211106	Capscrew, HH			
25	1	1	1		604019	Lockwasher			
26	1	1	1		571019	Hex Nut			
27	1	1	1		815583	Harness, Wire			
28	4	4	4		921013	Clamp			
29	1	1	1		815584	Harness, Wire			

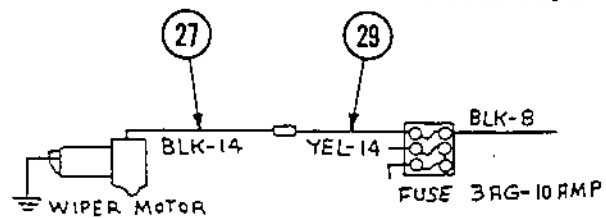
Top View



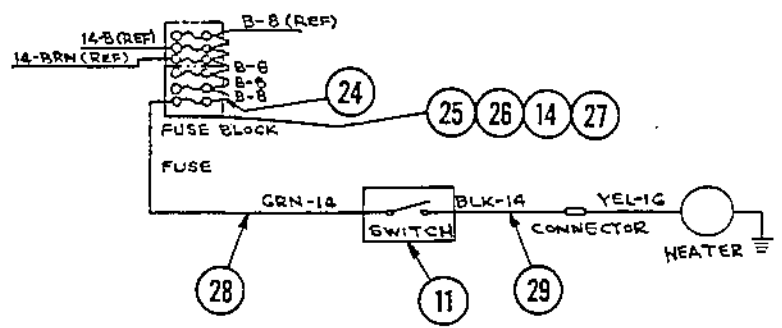
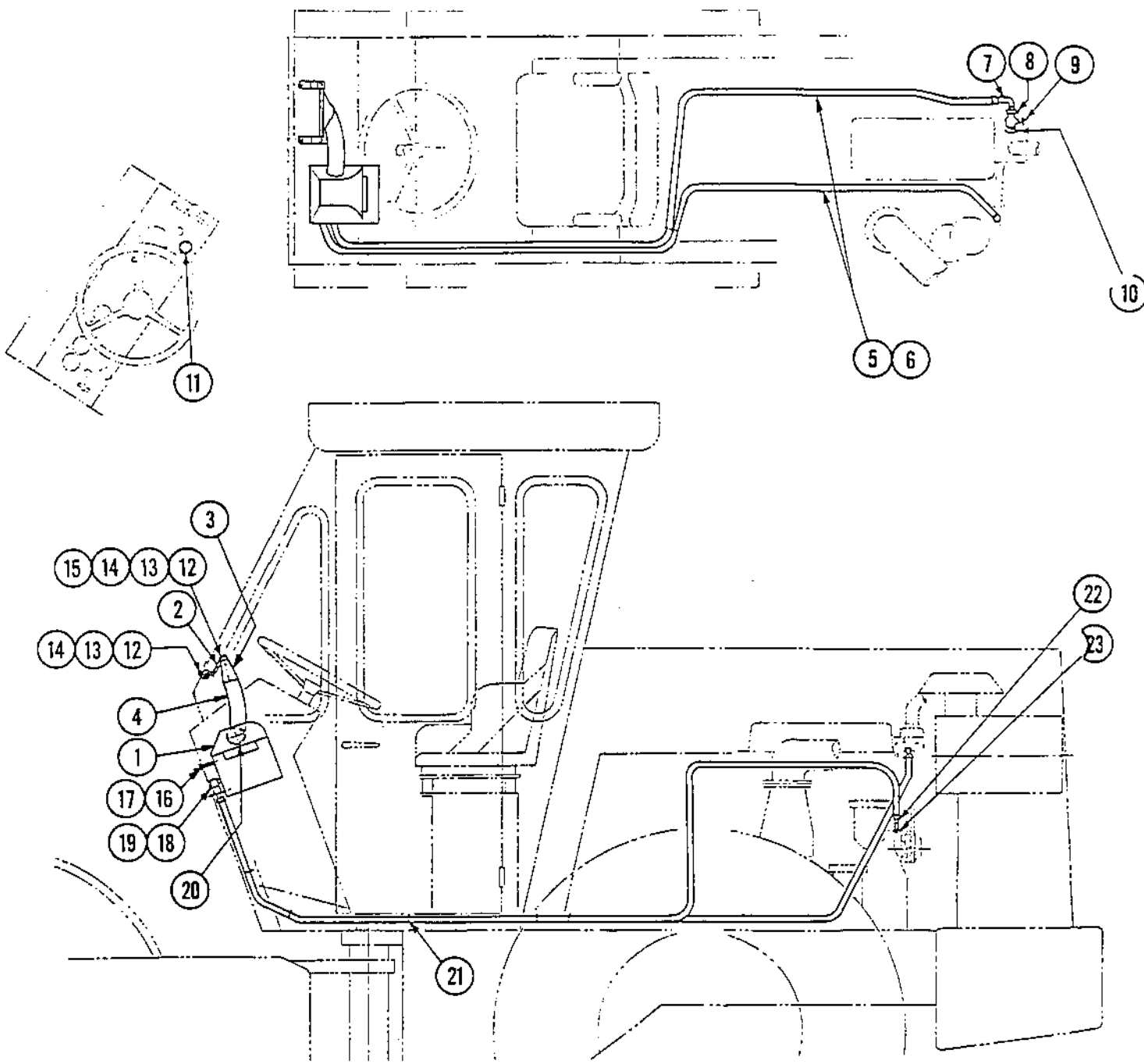
Rear View



Front View



Page		Group		Illustration Number		Catalog Number		Illustration	
4		10		PA-15-PL151		PA-15-PL01		Cab Heater & Defroster	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1		801347	Assy., Heater and Defroster			
2	2	2	2		826171	Support, Nozzle			
3	1	1	1		801219	Nozzle, Defroster			
4	1	1	1		801220	Hose, Defroster 2" x 24" Lg. or 5.08 x 61 cm			
5	1	1	1		801221	Hose, Heater 5/8" x 28" Lg or .625 mm x 853.44 cm			
6	4	4	4		801226	Clamp, Hose			
7	1	1	1		801741	Elbow, 90°			
8	1	1	1		813325	Bushing, Reducer			
9	1	1	1		233088	Valve, Shut-Off			
10	1	1	1		234317	Nipple, Hex			
11	1	1	1		801214	Switch, Heater/Defroster			
12	4	4	4		550074	Screw, Machine			
13	2	2	2		600028	Washer, Flat			
14	4	4	4		604019	Lockwasher			
15	4	4	4		813370	Hex Nut			
16	3	3	3		220012	Hex Nut			
17	3	3	3		604027	Lockwasher			
18	2	2	2		801348	Pipe, 3/8" or 9.525 mm			
19	2	2	2		813320	Elbow, 90°			
20	1	1	1		801350	Grommet, Defroster			
21	8	8	8		813486	Ty-Rap			
22	1	1	1		801742	Elbow, 45°			
23	1	1	1		334207	Bushing, Reducer			
24	3	3	3		81516504	Assembly, Wire			
25	1	1	1		813413	Block, Fuse			
26	3	3	3		813412	Fuse			
27	2	2	2		550026	Capscrew, HH			
28	1	1	1		81516505	Assembly, Wire			
29	1	1	1		81517416	Assembly, Wire			

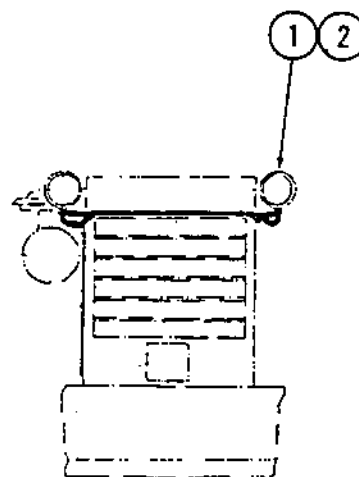
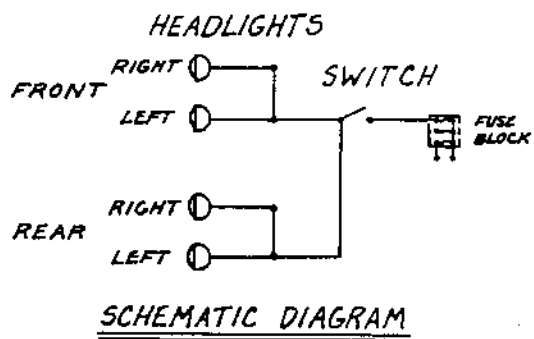
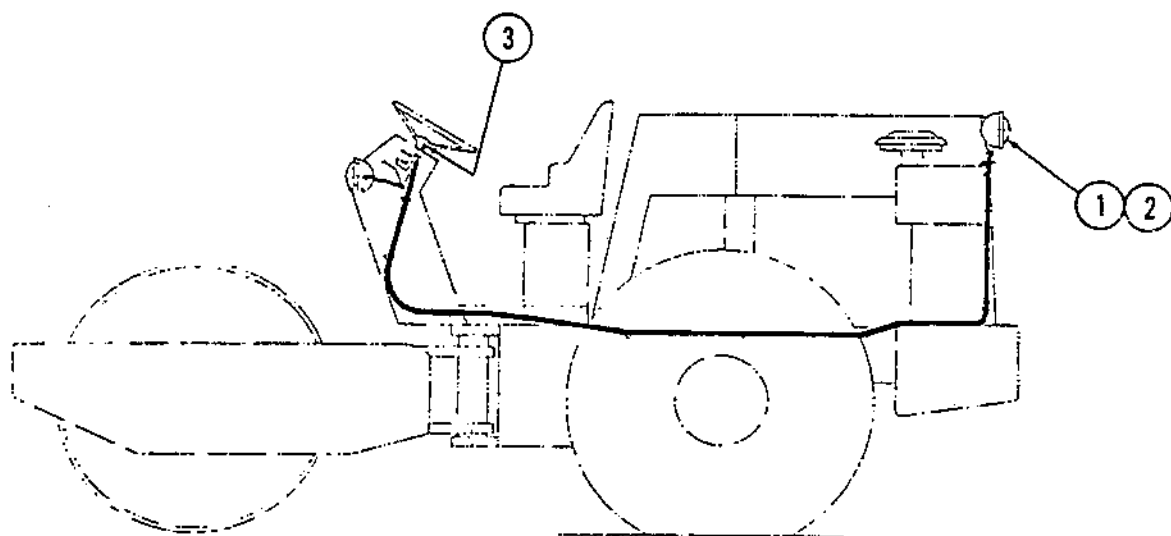
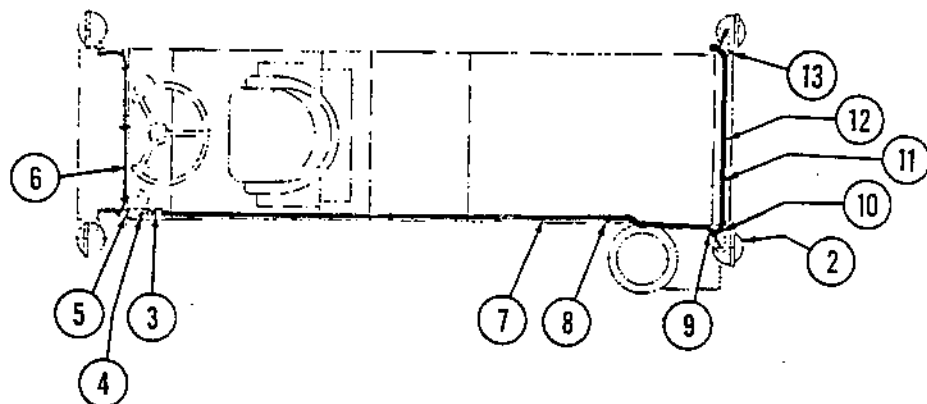


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Page		Group		Illustration Number		Catalog Number		Illustration	
6		10		PA-15-PL152		PA-15-PL01		Headlight Assembly	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	4	4	4		813495	Assembly, Headlight			
2	1	1	1		892596	Bulb, Sealed Beam			
3	1	1	1		801338	Switch, Headlight			
4	1	1	1		81517406	Assembly, Wire			
5	1	1	1		81517407	Assembly, Wire			
6	1	1	1		80144612	Wire, 40" Lg. or 101.6 cm			
7	1	1	1		85033305	Harness, Wire			
8	9	9	9		313041	Ty-Rap			
9	4	4	4		814075	Terminal, Pigtail			
10	2	2	2		80133101	Loom, 3" Lg. or 7.62 cm			
11	1	1	1		85033304	Harness, Wire			
12	8	8	8		813528	Clamp			
13	1	1	1		815225	Bracket			

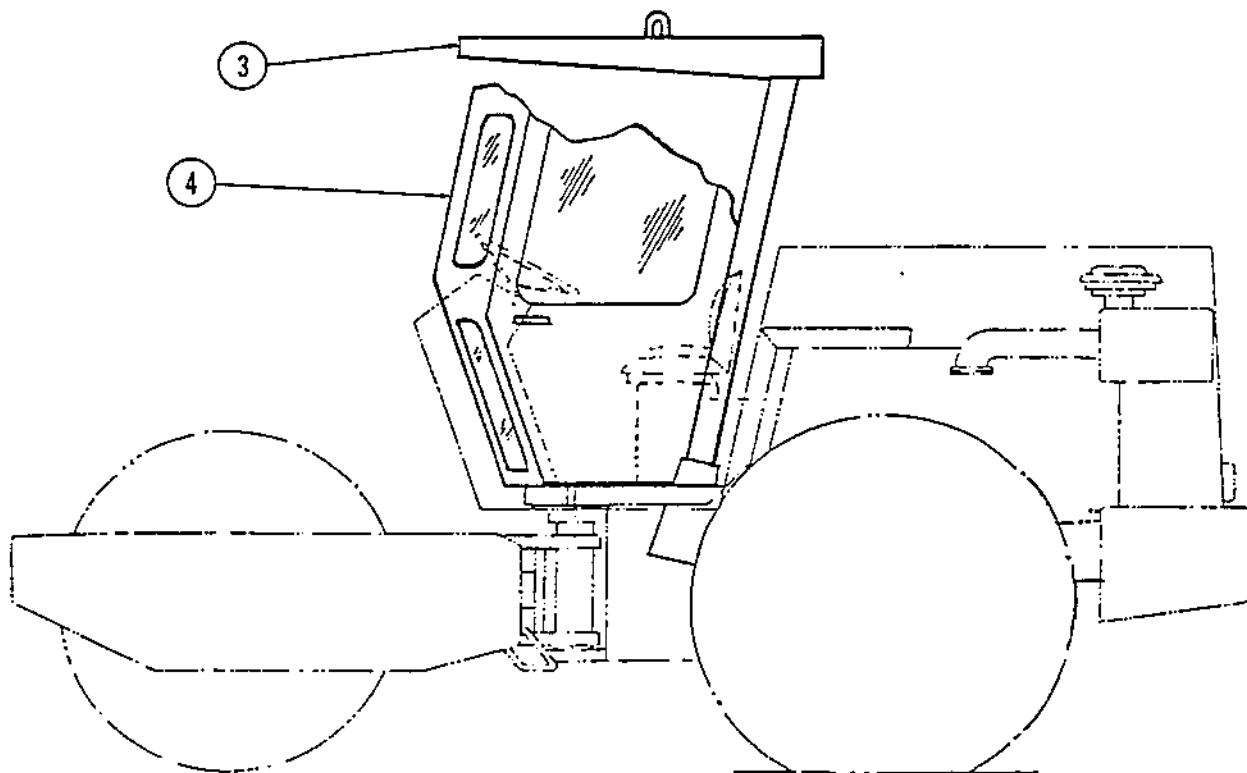
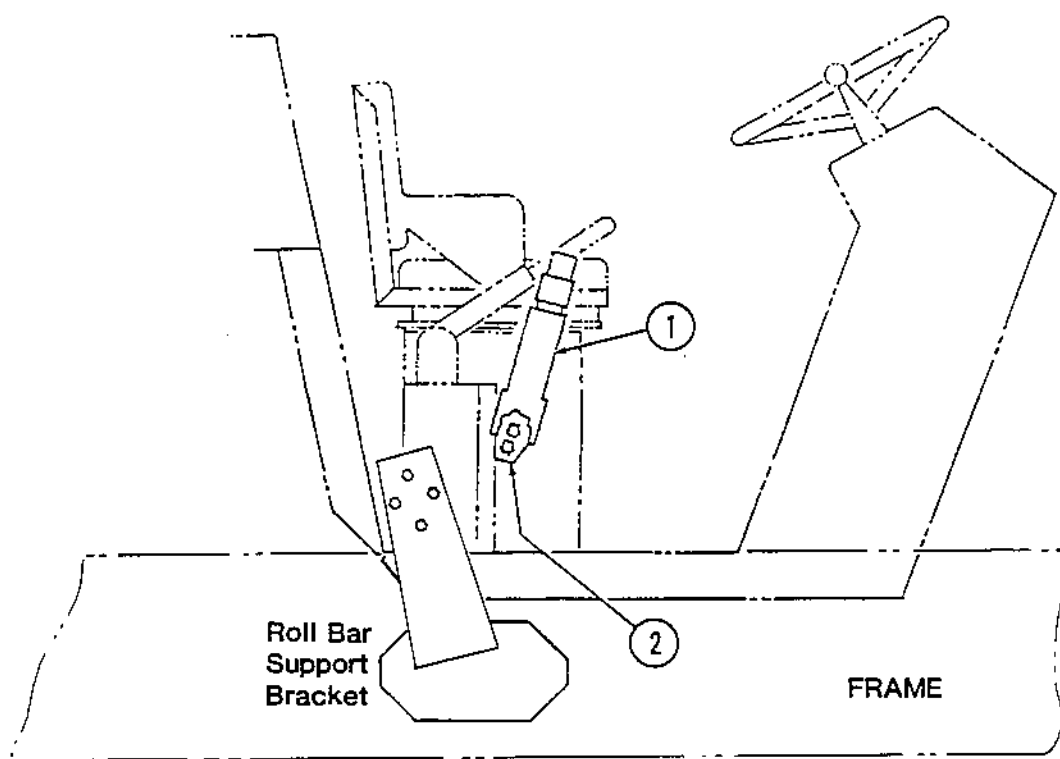


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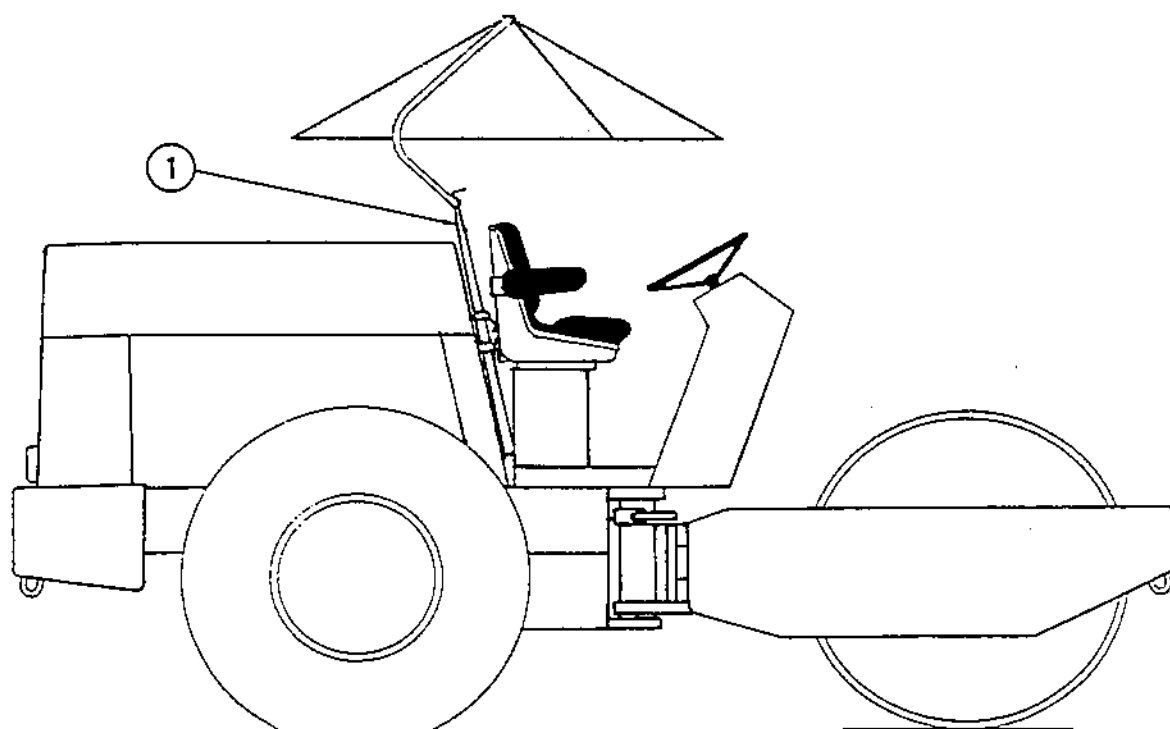
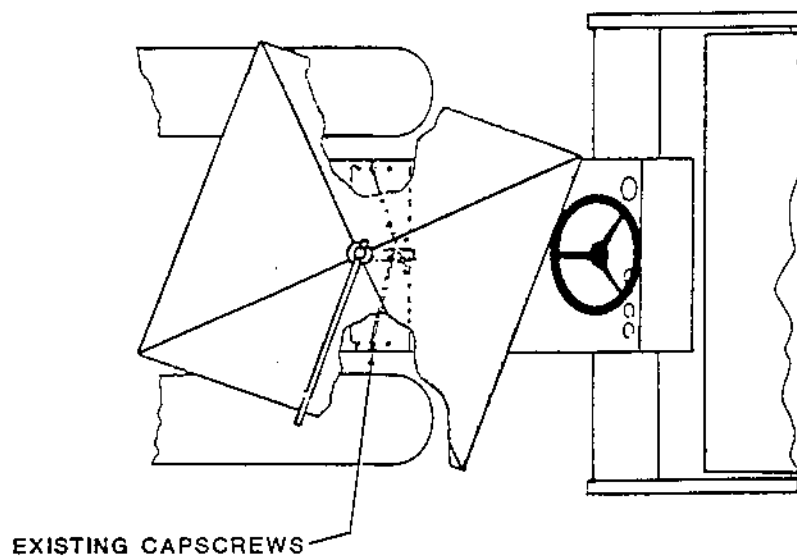


Page		Group		Illustration Number	Catalog Number	Illustration	
8		10		PA-15-PL149	PA-15-PL01	Seat Belt & R.O.P.S. Assembly	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15D	15PD				
-	1	1	1		815282	Assy., Seat Belt & R.O.P.S.	
1	1	1	1		815462	Assy., Seat Belt Kit	
2	2	2	2		826119	Spacer	
3	1	1	1		929847	Structure, Roll Over Protection	
4	1	1	1		815508	Structure, Roll Over Protection Cab	

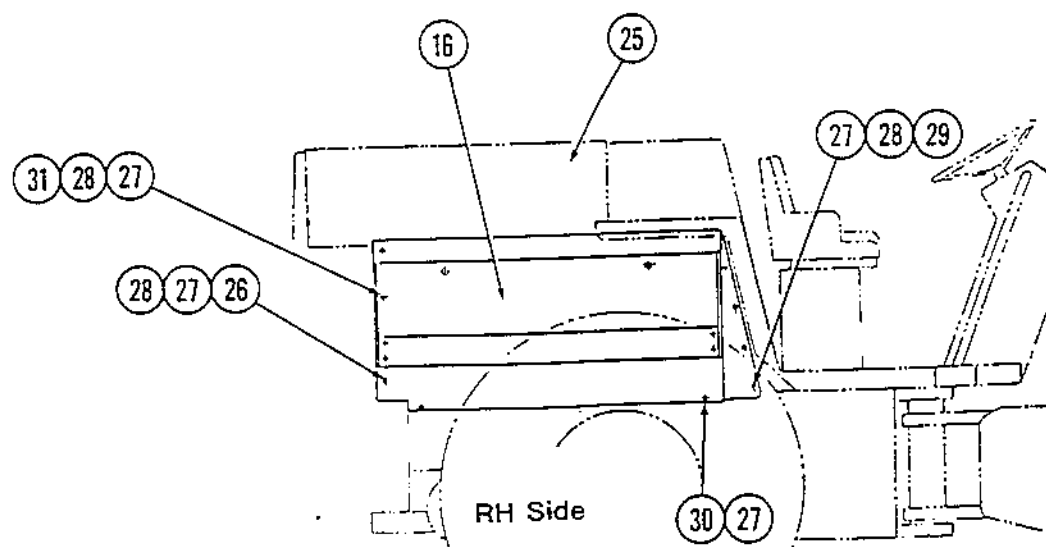
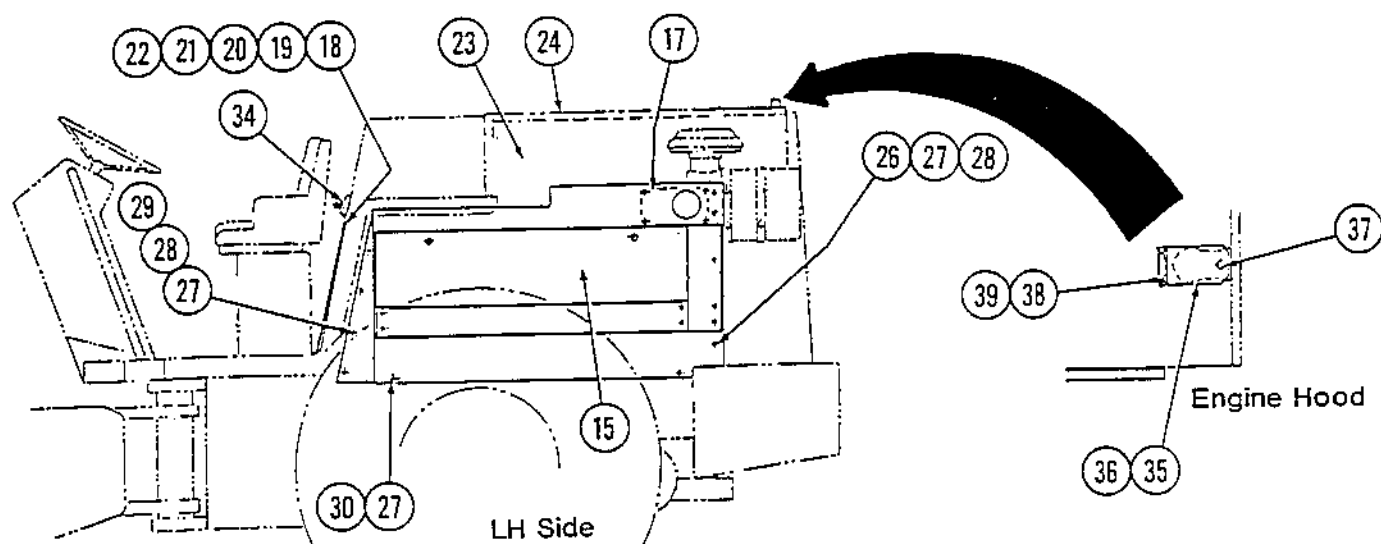
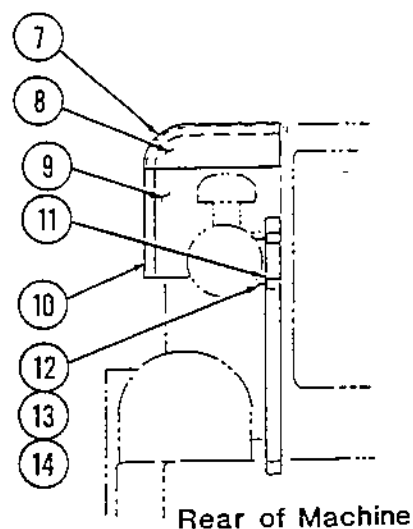
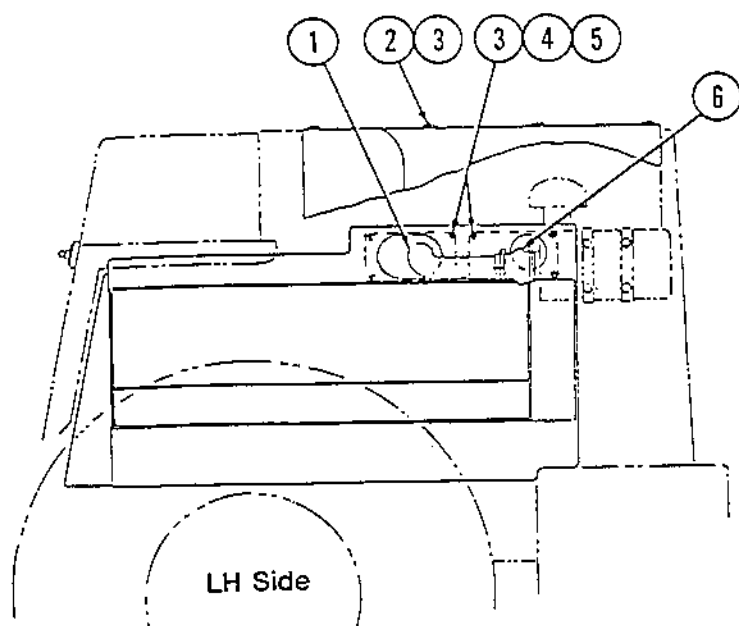
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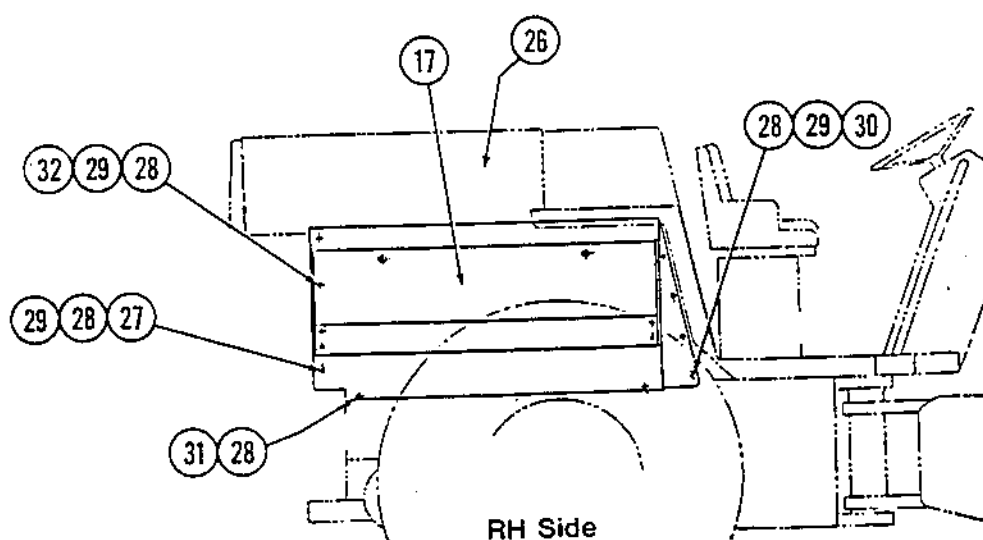
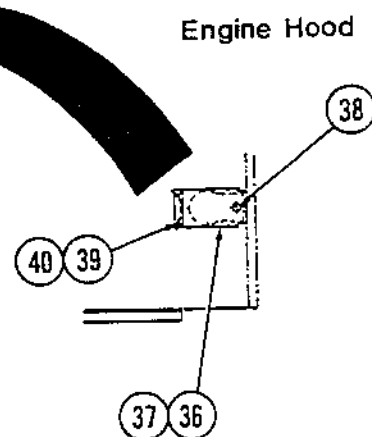
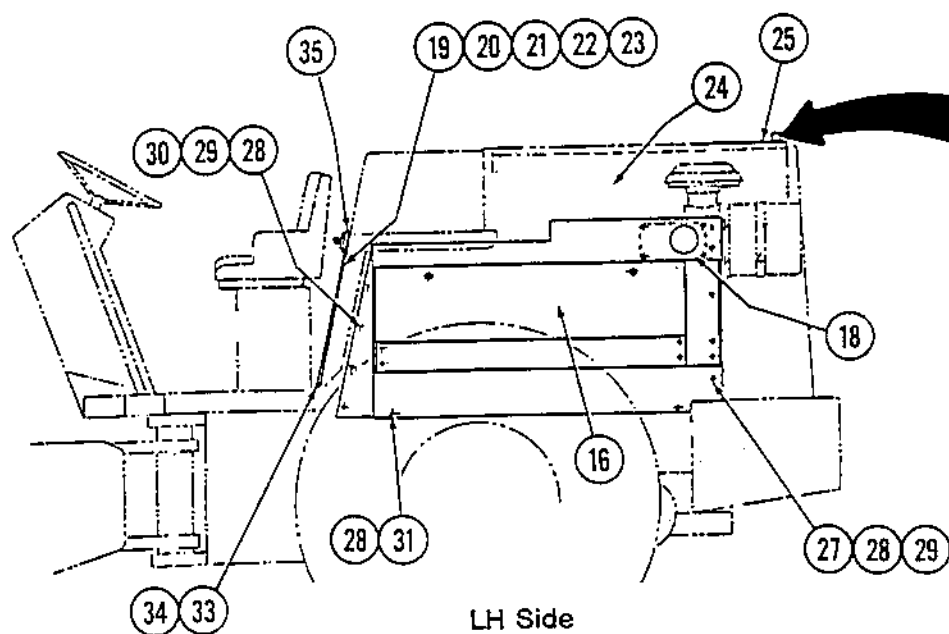
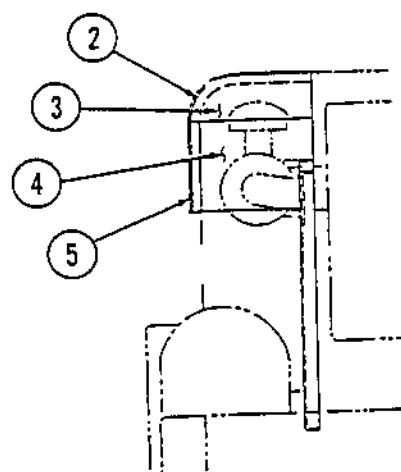
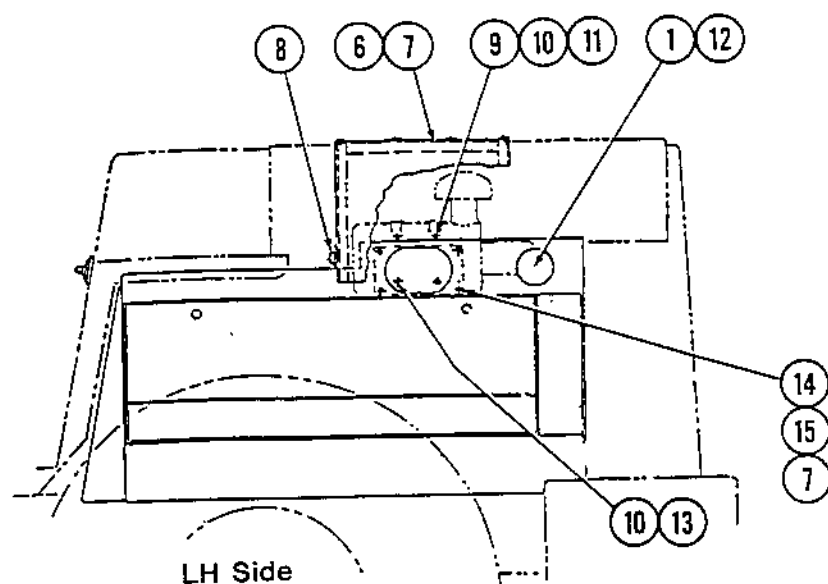
Page 10		Group 10		Illustration Number PA-15-PL127		Catalog Number PA-15-PL01		Illustration Umbrella	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
1	1	1	1	1	499421	Umbrella			



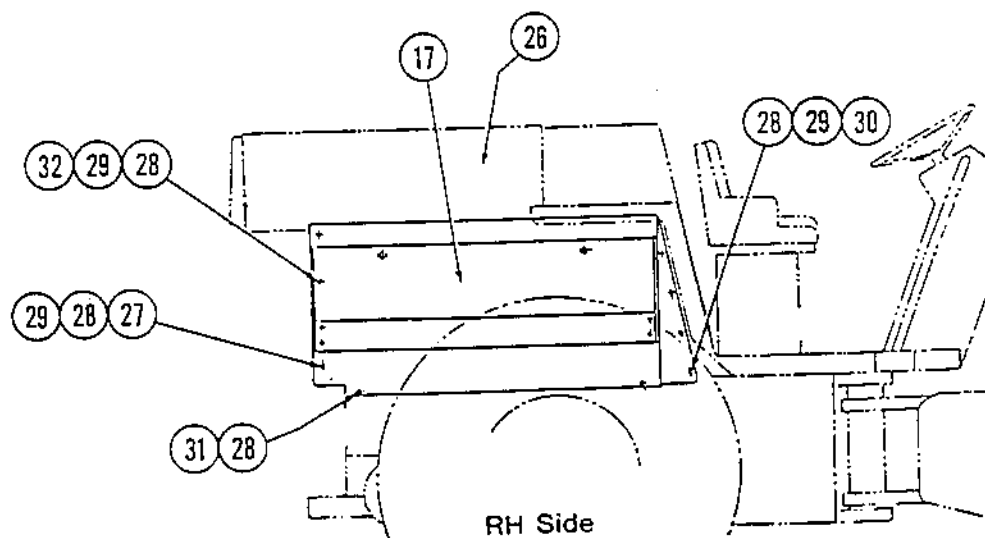
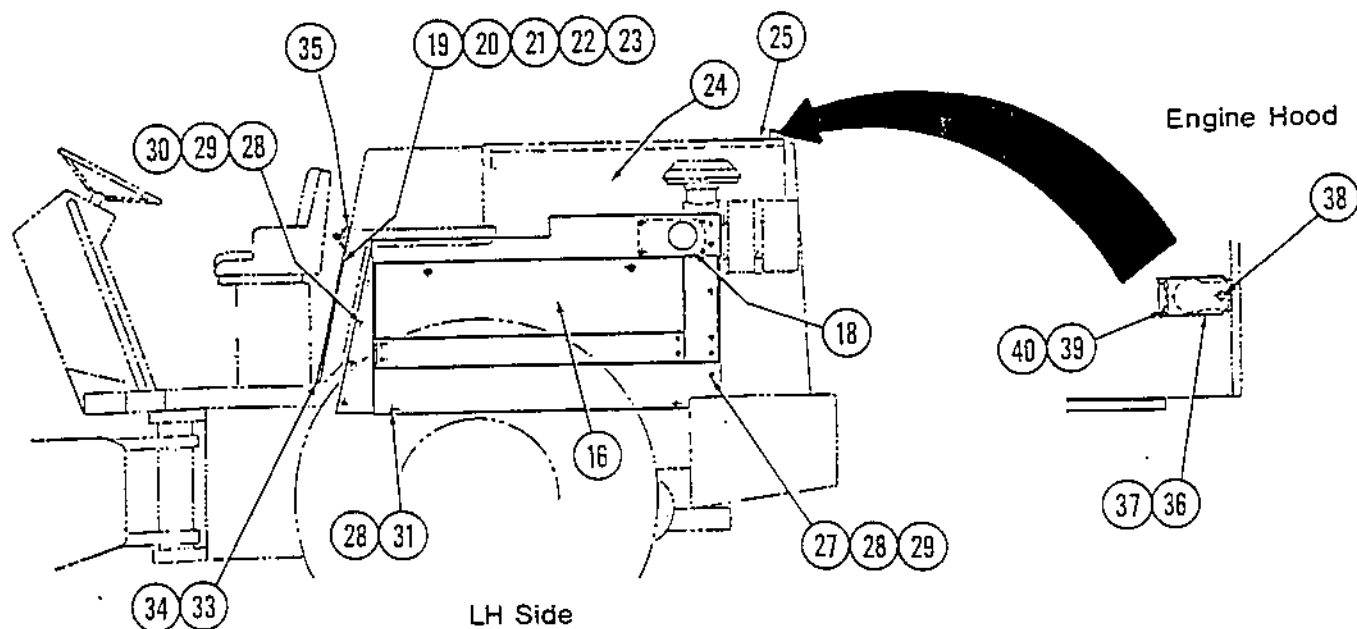
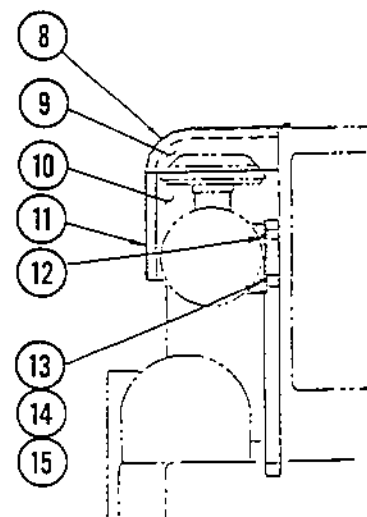
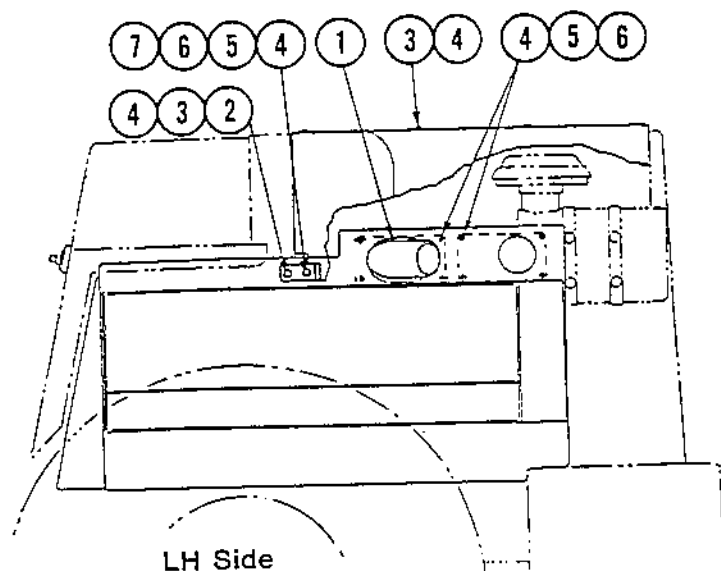
Page		Group		Illustration Number	Catalog Number	Illustration	
12		10		PA-15-PL167	PA-15-PL01	Noise Reduction Assy. (J. Deere Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		815582	Kit, Complete Noise Reduction	J.Deere Eng
1	1	1	1		815580	Adapter, Air Inlet	
2	4	4	4		503073	Capscrew, HH	
3	12	12	12		604028	Lockwasher	
4	8	8	8		502023	Capscrew, HH	
5	8	8	8		600007	Washer, Flat	
6	1	1	1		801468	Reducer	
7	1	1	1		815412	Cover, Air Cleaner	
8	1	1	1		815405	Foam, Air Cleaner Cover	
9	1	1	1		815406	Foam, Air Cleaner Cover	
10	1	1	1		815467	Foam, Air Cleaner Cover	
11	4	4	4		815581	Spacer	
12	4	4	4		532025	Stud	
13	4	4	4		604027	Lockwasher	
14	4	4	4		571002	Hex Nut	
-	1	1	1		815373	Kit, Noise Reduction	
15	1	1	1		815374	Assy., LH Engine Cover	See Page 20
16	1	1	1		815373	Assy., RH Engine Cover	See Page 18
17	1	1	1		815380	Cover	
18	1	1	1		815400	Bracket	
19	4	4	4		550026	Capscrew, RD, Hd.	
20	4	4	4		600028	Washer, Flat	
21	4	4	4		604019	Lockwasher	
22	1	1	1		815404	Foam, Reservoir Cover	
23	1	1	1		815408	Foam, RS Engine Hood	
24	1	1	1		815410	Foam, Engine Hood Top	
25	1	1	1		815409	Foam, LS Engine Hood	
26	6	6	6		502023	Capscrew, HH	
27	19	19	19		604028	Lockwasher	
28	15	15	15		571003	Hex Nut	
29	8	8	8		502036	Capscrew, HH	
30	4	4	4		502039	Capscrew, HH	
31	1	1	1		502018	Capscrew, HH	
32	1	1	1		801204	Channel, Rubber 28" Lg. or 71.12 cm	
33	A/R	A/R	A/R		499224	Compound, Adhesive (Tube)	
34	1	1	1		165012	Bellows, Rubber	
35	1	1	1		815411	Cover, Radiator Fill	
36	1	1	1		815407	Foam, Radiator Cover	
37	1	1	1		801201	Fastener, Pawl	
38	2	2	2		503009	Capscrew, HH	
39	2	2	2		604027	Lockwasher	



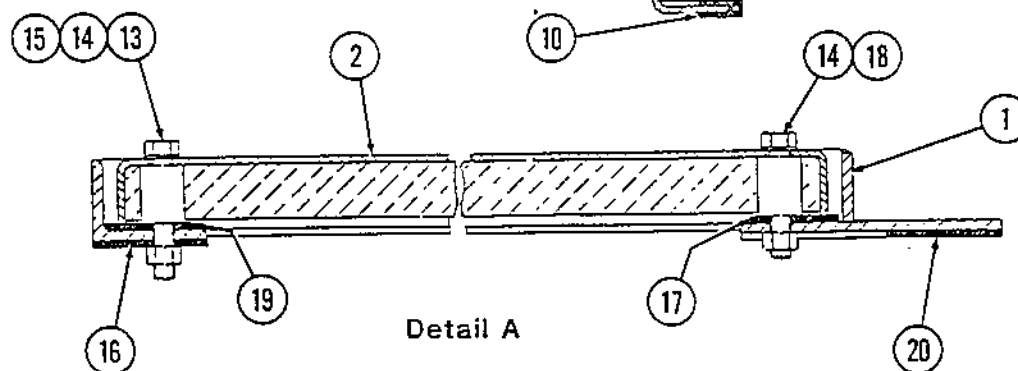
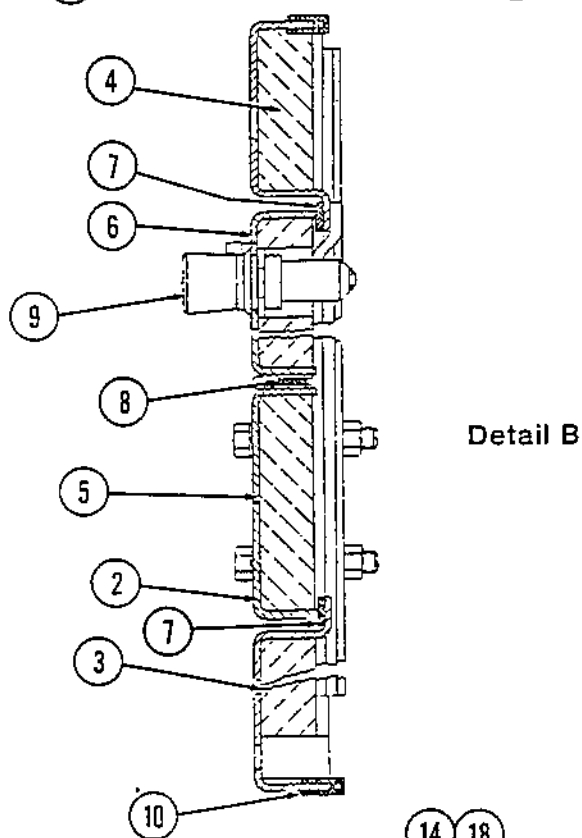
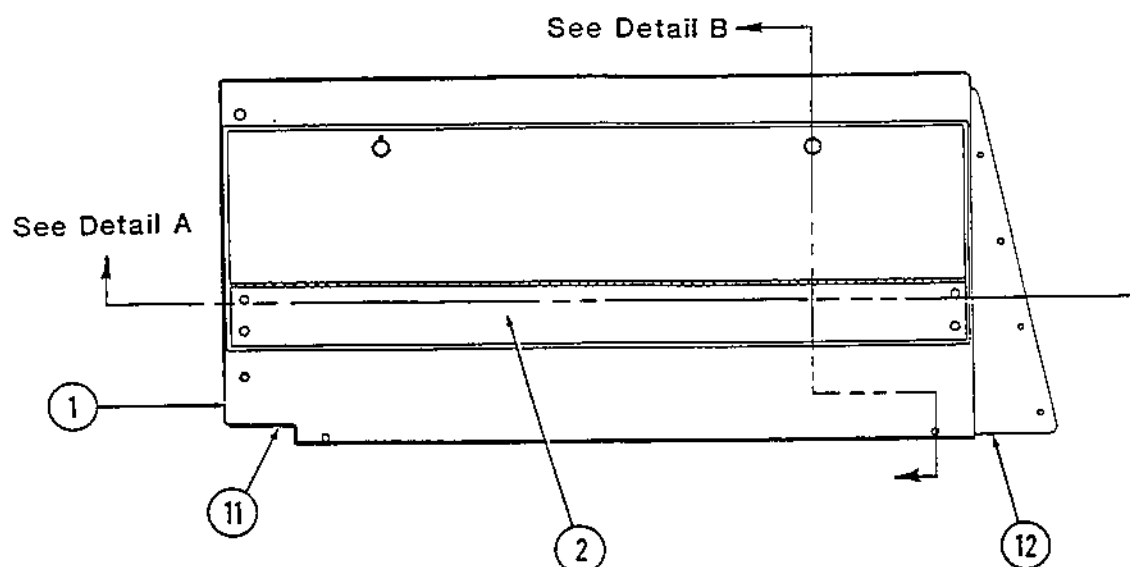
Page		Group		Illustration Number	Catalog Number	Illustration	
14		10		PA-15-PL165	PA-15-PL01	Noise Reduction Assy. (Ford Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-					815442	Kit, Complete Noise Reduction	Ford Engine
1	1	1	1		815417	Adapter, Air Inlet	
2	1	1	1		815416	Cover, Air Cleaner	
3	1	1	1		815418	Foam, Air Cleaner Cover	
4	1	1	1		815419	Foam, Air Cleaner Cover	
5	1	1	1		815420	Foam, Air Cleaner Cover	
6	4	4	4		503073	Capscrew, HH	
7	8	8	8		604028	Lockwasher	
8	1	1	1		801258	Latch	
9	2	2	2		NSS	Tubing, Steel	
10	4	4	4		604027	Lockwasher	
11	2	2	2		502023	Capscrew, HH	
12	1	1	1		801257	Clamp	
13	2	2	2		502018	Capscrew, HH	
14	4	4	4		502033	Capscrew, HH	
15	4	4	4		600007	Washer, Flat	
-	1	1	1		815373	Kit, Noise Reduction	
16	1	1	1		815374	Assy., LH Engine Cover	See Page 20
17	1	1	1		815375	Assy., RH Engine Cover	See Page 18
18	1	1	1		815380	Cover	
19	1	1	1		815400	Bracket	
20	4	4	4		550026	Capscrew, Rd. Hd.	
21	4	4	4		600028	Washer, Flat	
22	4	4	4		604019	Lockwasher	
23	1	1	1		815404	Foam, Reservoir Cover	
24	1	1	1		815408	Foam, RS Engine Hood	
25	1	1	1		815410	Foam, Engine Hood Top	
26	1	1	1		815409	Foam, LS Engine Hood	
27	6	6	6		502023	Capscrew, HH	
28	19	19	19		604028	Lockwasher	
29	15	15	15		571003	Hex Nut	
30	8	8	8		502036	Capscrew, HH	
31	4	4	4		502039	Capscrew, HH	
32	1	1	1		502018	Capscrew, HH	
33	1	1	1		801204	Channel, Rubber 28" Lg. or 71.12 cm ...	
34	A/R	A/R	A/R		499224	Compound, Adhesive (Tube)	
35	1	1	1		165012	Bellows, Rubber	
36	1	1	1		815411	Cover, Radiator Fill	
37	1	1	1		815407	Foam, Radiator Cover	
38	1	1	1		801201	Fastener, Pawl	
39	2	2	2		503009	Capscrew, HH	
40	2	2	2		604027	Lockwasher	



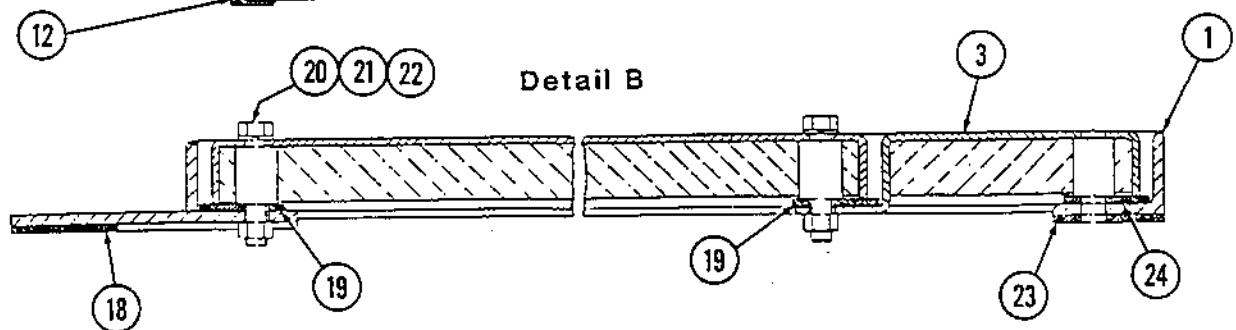
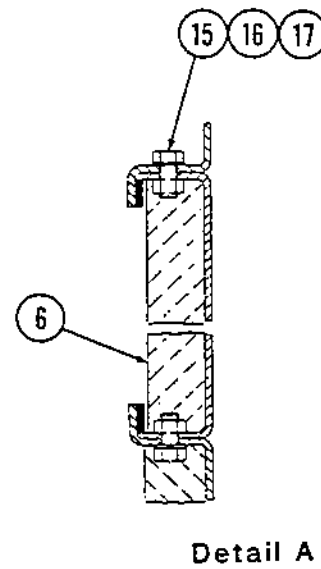
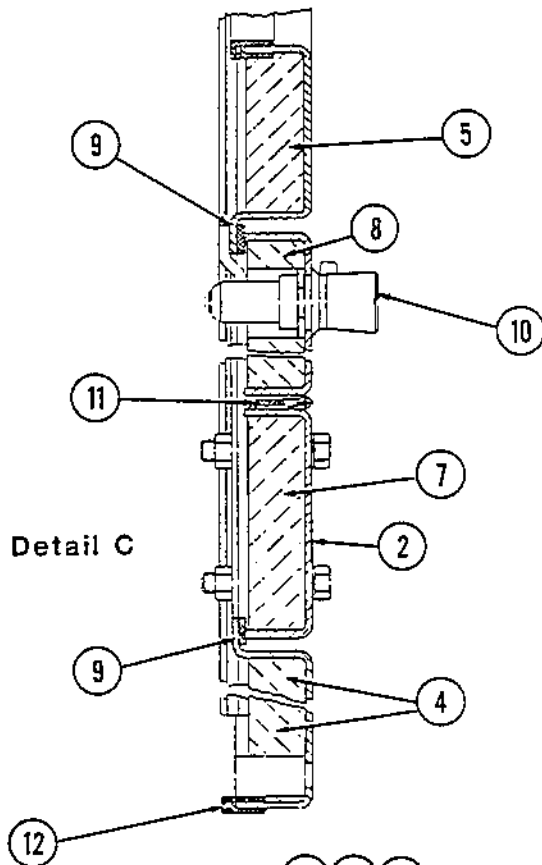
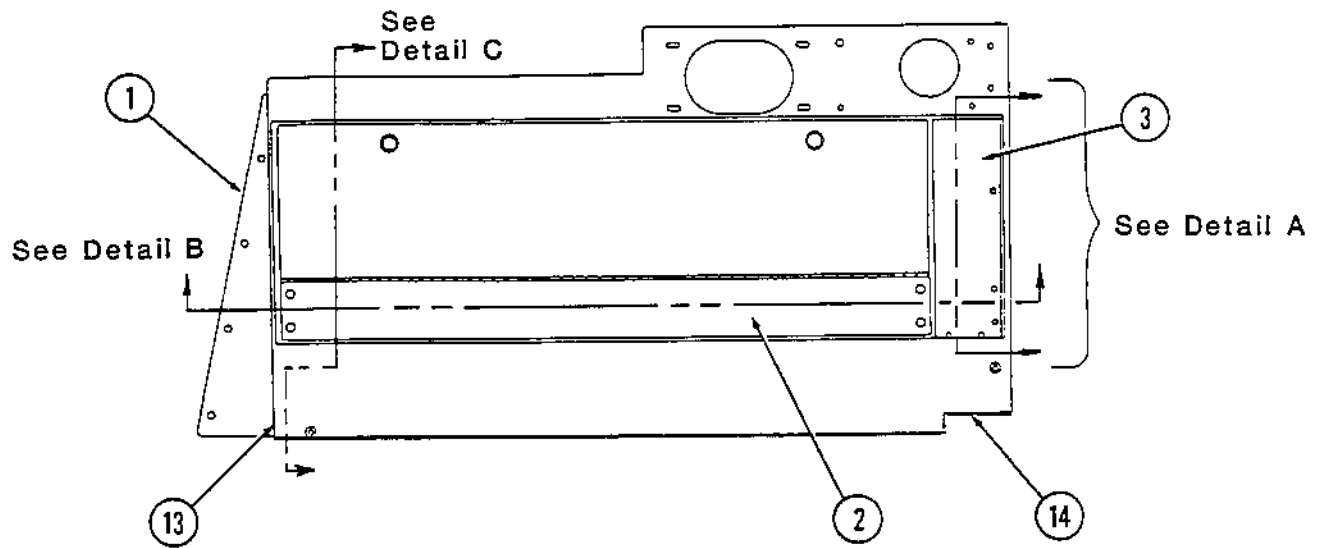
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16		10		PA-15-PL166		PA-15-PL01		Noise Reduction Assy. (Detroit Engine)	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1	1	1		815421	Kit, Complete Noise Reduction	Detroit Engine		
1	1	1	1		815579	Adapter, Air Inlet			
2	1	1	1		815683	Clip, Mounting			
3	5	5	5		503073	Capscrew, HH			
4	14	14	14		604028	Lockwasher			
5	9	9	9		502033	Capscrew, HH			
6	9	9	9		604028	Washer, Flat			
7	1	1	1		571003	Hex Nut			
8	1	1	1		815412	Cover, Air Cleaner			
9	1	1	1		815405	Foam, Air Cleaner Cover			
10	1	1	1		815406	Foam, Air Cleaner Cover			
11	1	1	1		815467	Foam, Air Cleaner Cover			
12	4	4	4		815581	Spacer			
13	4	4	4		502024	Stud			
14	4	4	4		604027	Lockwasher			
15	4	4	4		572005	Hex Nut			
-	1	1	1		815373	Kit, Noise Reduction	See Page 20 See Page 18		
16	1	1	1		815374	Assy., LH Engine Cover			
17	1	1	1		815375	Assy., RH Engine Cover			
18	1	1	1		815380	Cover			
19	1	1	1		815400	Bracket			
20	4	4	4		550026	Capscrew, Rd. Hd.			
21	4	4	4		600028	Washer, Flat			
22	4	4	4		604019	Lockwasher			
23	1	1	1		815404	Foam, Reservoir Cover			
24	1	1	1		815408	Foam, RS Engine Hood			
25	1	1	1		815410	Foam, Engine Hood Top			
26	1	1	1		815409	Foam, LS Engine Hood			
27	6	6	6		502023	Capscrew, HH			
28	19	19	19		604028	Lockwasher			
29	15	15	15		571003	Hex Nut			
30	8	8	8		502036	Capscrew, HH			
31	4	4	4		502039	Capscrew, HH			
32	1	1	1		502018	Capscrew, HH			
33	1	1	1		801204	Channel, Rubber 28" Lg. or 71.12 cm ...			
34	A/R	A/R	A/R		499224	Compound, Adhesive (Tube)			
35	1	1	1		165012	Bellows, Rubber			
36	1	1	1		815411	Cover, Radiator Fill			
37	1	1	1		815407	Foam, Radiator Cover			
38	1	1	1		801201	Fastener, Pawl			
39	2	2	2		503009	Capscrew, HH			
40	2	2	2		604027	Lockwasher			



Page		Group		Illustration Number	Catalog Number	Illustration	
18		10		PA-15-PL169	PA-15-PL01	Right Side Engine Cover Assy.	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number
	CA						
	15	15 D	15 PD				
-	1	1	1		815375	Assy., R.S. Engine Cover	
1	1	1	1		815377	Cover, Side	
2	1	1	1		815379	Door, Side	
3	1	1	1		815388	Foam, Side Cover	
4	1	1	1		815389	Foam, Side Cover	
5	1	1	1		815390	Foam, Side Cover	
6	1	1	1		815391	Foam, Side Cover	
7	2	2	2		80123101	Strip, Rubber	
8	1	1	1		80123105	Strip, Rubber	
9	2	2	2		475046	Fastener, Pawl	
10	1	1	1		80120404	Channel, Rubber	
11	1	1	1		80123102	Strip, Rubber	
12	1	1	1		80123003	Strip, Rubber	
13	2	2	2		502023	Capscrew, HH	
14	4	4	4		604028	Lockwasher	
15	2	2	2		571003	Hex Nut	
16	1	1	1		815399	Strip, Rubber	
17	1	1	1		815398	Strip, Rubber	
18	2	2	2		502039	Capscrew, HH	
19	1	1	1		815397	Strip, Rubber	
20	1	1	1		815395	Strip, Rubber	
21	A/R	A/R	A/R		499224	Compound, Adhesive	



Page		Group		Illustration Number		Catalog Number		Illustration	
20		10		PA-15-PL168		PA-15-PL01		Left Side Engine Cover Assy.	
Ref. No.	Quantity/Model				Part Number	Description	Serial Number		
	CA								
	15	15 D	15 PD						
-	1	1	1		815374	Assy., L.S. Engine Cover			
1	1	1	1		815376	Cover, Side			
2	1	1	1		815378	Door, Side			
3	1	1	1		815382	Cover, Fixed			
4	1	1	1		815383	Foam, Side Cover			
5	1	1	1		815384	Foam, Side Cover			
6	1	1	1		815385	Foam, Fixed Cover			
7	1	1	1		815386	Foam, Side Door			
8	1	1	1		815387	Foam, Side Door			
9	2	2	2		80123101	Strip, Rubber			
10	2	2	2		475046	Fastener, Pawl			
11	1	1	1		80123105	Strip, Rubber			
12	1	1	1		80120405	Channel, Rubber			
13	1	1	1		80123003	Strip, Rubber			
14	1	1	1		80123102	Strip, Rubber			
15	4	4	4		502283	Capscrew, HH			
16	4	4	4		604027	Lockwasher			
17	4	4	4		571002	Hex Nut			
18	1	1	1		815395	Strip, Rubber			
19	2	2	2		815398	Strip, Rubber			
20	4	4	4		502039	Capscrew, HH			
21	4	4	4		604028	Lockwasher			
22	4	4	4		571003	Hex Nut			
23	1	1	1		815396	Strip, Rubber			
24	1	1	1		815397	Strip, Rubber			
25	A/R	A/R	A/R		499224	Compound, Adhesive			





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116013	2	10	219002	5	46	313076	3	12	334453	3	20	334453	3	20	334453	3	20
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