PA8 & PAH
8" STROKE
TRIPLEX
PLUNGER PUMPS

Parts List

3-1-508

3-1-508

FLUID CYLINDERS FOR PA8 & PAH TRIPLEX PLUNGER PUMPS

FLUID CYLINDER	Models
HP Cast Steel	PA8C
	PA8E
	PA8H
	PA8K
	PA8L
	PA8Q
	PA8R
	PA8S
	PA8U
	PA8Y
2 Block Steel	PA8W
	PAHAB

FLUID CYLINDER	Models
Individual HP Block Steel	PAHAD
	PAHAE
	PAHAG
	PAHAJ
	PAHAK
HP Block Aluminum Bronze	PA8X
	PAHAC
	PAHAH
LP Cast Aluminum Bronze	PA8J
	PA8N
	PAHAA
	PAHAF

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INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify Pump Model, Size and Serial Number (see name plate on pump). Serial Number is also stamped on cylinder end of frame.

All orders for Parts should be placed with the nearest Sales and Service Office listed on the back cover of this book.

Reference numbers shown in the left hand column of the Parts Lists are used to help locate the parts shown on the Drawings and Sectional Views. DO NOT ORDER BY REFERENCE NUMBERS.

After locating the reference number, the part number may be found for your particular pump unit under the correct Model Number column.

Specify exactly the number of parts required (see column "Qty. Req. Per Pump"). DO NOT ORDER BY SETS.

To determine the Right Hand and Left Hand side of the pump, stand at the power end and face the fluid end of the pump.

PARTS RETURNED

All claims must be made within five days after receipt of goods. If order has been filled correctly, we cannot allow the return of the goods without our consent and then only on a basis of a charge for service and rehandling plus transportation charges.

Transportation charges must be prepaid. If it is necessary to return a part to the factory for duplication or inspection, do not fail to do the following:

1. Write the nearest Sales and Service Office a letter advising what material you wish to return and why.

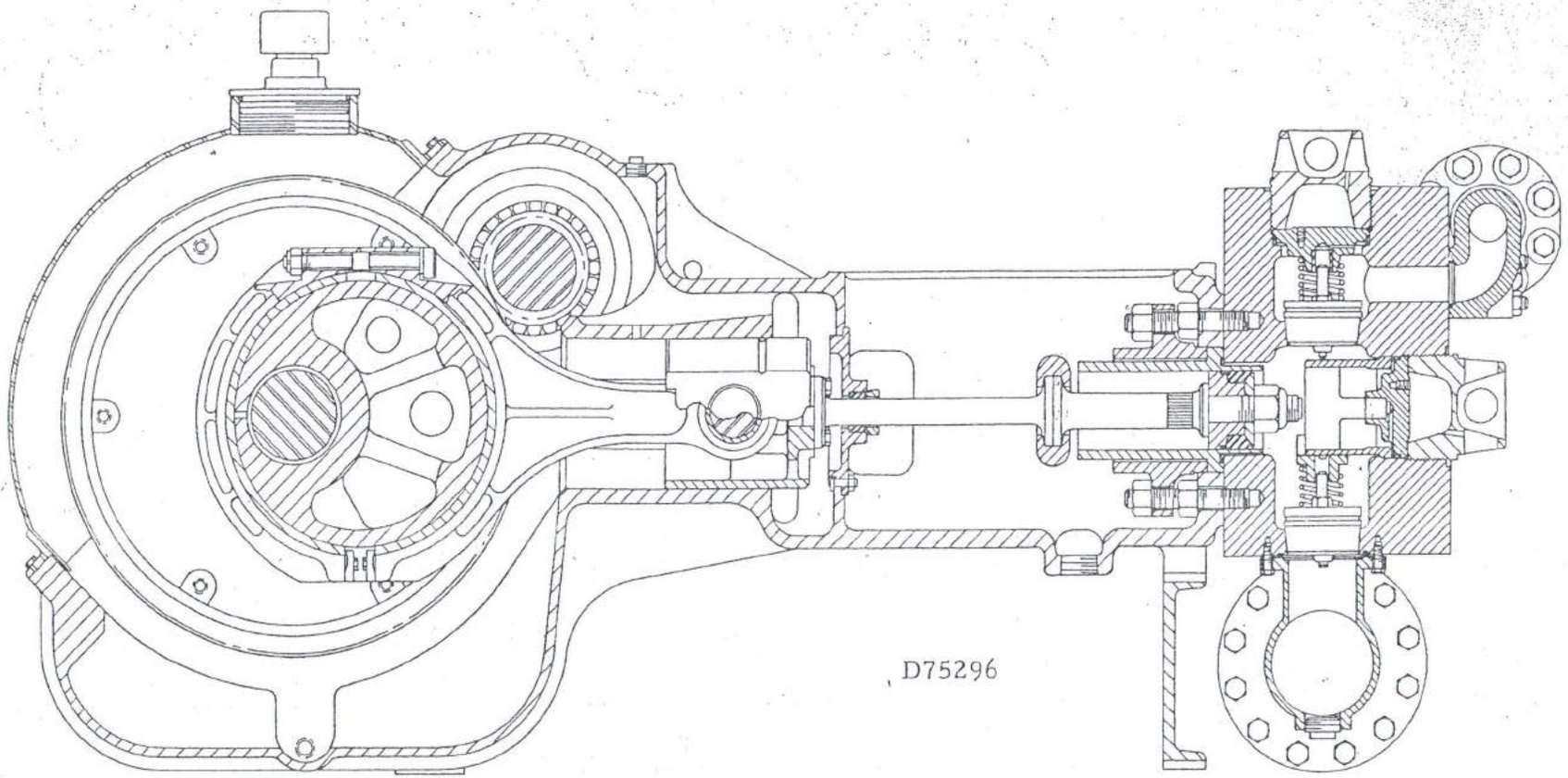
2. After receiving permission to return the item or items, obtain from the Sales and Service Office the correct forms filled out by that office for the proper return of material.

3. Place a tag in the package showing your name and address.

4. Tag each article in the box or package stating what and how many are returned.

5. Always give the serial number of the machine from which the parts were removed or the invoice number on which the parts were originally shipped.

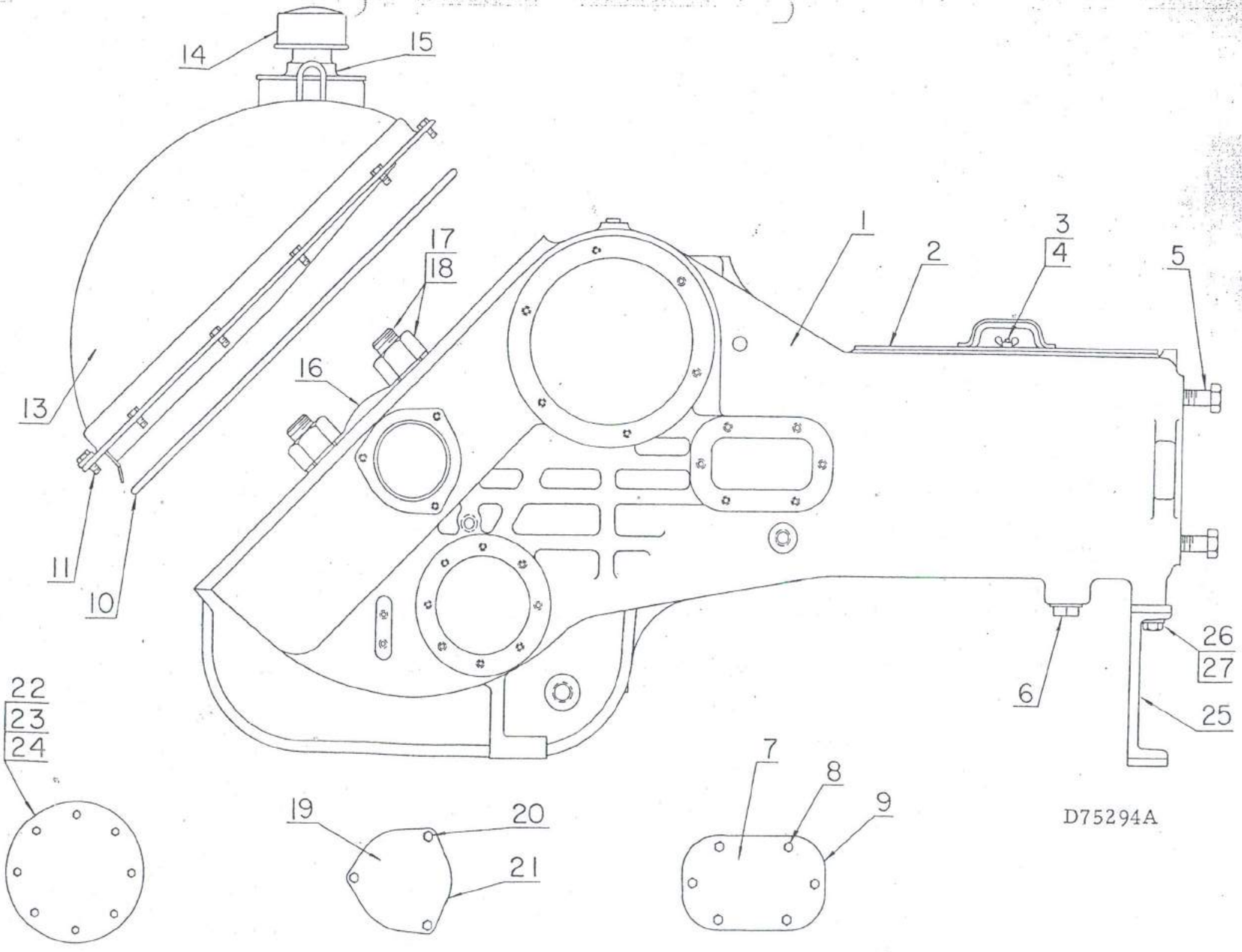
All parts returned for credit should be handled in the same manner as that for duplication or inspection.



SECTIONAL VIEW "PA8" TRIPLEX PLUNGER PUMPS

THIS SECTIONAL VIEW & PARTS LIST APPLIES TO THE FOLLOWING MODELS ONLY:

PA8C	PA8N	PA8X	PAHAE
PA8E	PA8Q	PA8Y	PAHAF
PA8H	PA8R	PAHAA	PAHAG
PA8J	PA8S	PAHAB	PAHAH
PA8K	PA8U	PAHAC	PAHAJ
PA8L	PA8W	PAHAD	PAHAK

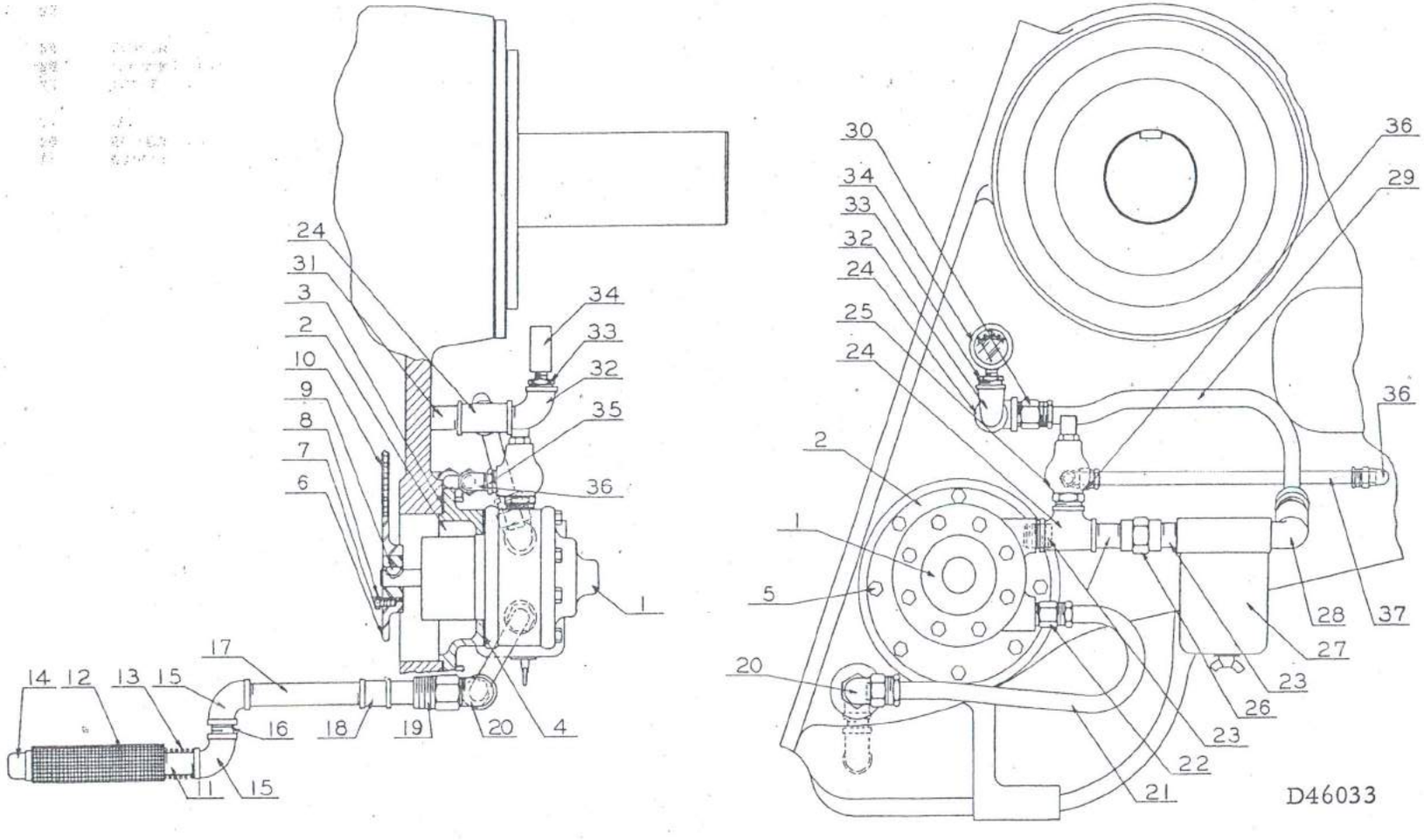


FOR LIST OF PARTS SEE PAGE 5.

Order by Part Number and Description. Reference Numbers for your convenience only.

Ref. No.	Name of Part	Qty. Req. Per Pump	Model PA8C	Models PA8E PA8H PA8J	Models PA8K PA8Q PA8U PAHAE PAHAK	Models PA8L PA8N PA8R PA8S PA8W PA8X PA8Y PAHAA	Models PAHAB PAHAC PAHAD PAHAF PAHAG PAHAH PAHAJ
	FRAME GROUP		Part No.	Part No.	Part No.	Part No.	
1	ASM FRAME, Incl. Ref. #16, 17 & 18	1	*	*	5PA172A	6PA172A	
ϕ	SCREW, Eccentric Shaft Locating	1	76G85	76G85	75P94	75P94	
ϕ	PLUG-MAGNETIC, Frame Oil Drain	1	64BJ4	64BJ4	64BJ4	64BJ4	
ϕ	PLUG-SqHd PIPE, Oil Level	See ( )	64AA5 (1)	64AA5 (1)	64AA5 (4)	64AA5 (4)	
ϕ	PLUG-SqHd PIPE, Frame Oil	2	64A5	64A5	64A5	64A5	
ϕ	PLUG-CSK PIPE, Crosshead Frame Hole	3	None	None	64B4	64B4	
2	PLATE-INSPECTION, Stuffing Box	1	1PA842	1PA842	3PA842	3PA842	
3	STUD, Stuffing Box Inspection Plate	2	79A466	79A466	79A466	79A466	
4	NUT, Stuffing Box Inspection Plate	2	50H1	50H1	50H1	50H1	
5	STUD or SCREW, Frame to Cylinder	4	79L12	79L12	75AA63	None	
ϕ	NUT, Frame to Cylinder	4	50B11	50B11	None	None	
6	PLUG-SqHd PIPE, Drain	1	64A9	64A9	64A9	64A9	
7	PLATE-INSPECTION, Crosshead	2	PA723	PA723	PA723	PA723	
8	SCREW, Crosshead Inspection Plate	12	75A192	75A192	75A192	75A192	
9	GASKET, Crosshead Inspection Plate	2	25C1724	25C1724	25C1724	25C1724	
10	GASKET, Hood	See ( )	25C1725 (2)	25J25 (1)	25J25 (1)	**	
11	SCREW, Hood	See ( )	75P75 (28)	75A12 (20)	75A12 (20)	75A12 (20)	
13	HOOD	1	PA246	1PA246	1PA246	1PA246	
ϕ	COCK, Oil Level Drain	1	90C24	90C24	None	90C24	
ϕ	PLATE-INSPECTION, Hood	1	2GXR842	None	None	None	
ϕ	SCREW, Hood Inspection Plate	24	75AA2	None	None	None	
ϕ	GASKET, Hood Inspection Plate	1	25C1810	None	None	None	
14	BREATHER	1	5C7	5C10	5C10	5C10	
15	COVER-FILLER	1	None	FXK880	FXK880	FXK880	
ϕ	SCREW, Breather Chain to Cover	1	None	75G48	75G48	75G48	
16	SADDLE	2	PA176	1PA176	2PA176	2PA176	
17	STUD, Saddle	4	79L156	79L156	79L175	79L175	
18	NUT, Saddle Stud	See ( )	50T20 (8)	50T20 (8)	50T3 (4)	50T3 (4)	
19	PLATE, Eccentric Shaft Cover	2	PA247	PA247	PA247	PA247	
20	SCREW, Cover	6	75A192	75A192	75A136	75A136	
21	GASKET, Cover	2	25C1869	25C1869	25C1869	25C1869	
22	PLATE, Oil Pump Opening ***	1	None	None	1PA1128	1PA1128	
23	GASKET, Plate ***	1	None	None	25C1857	25C1857	
24	SCREW, Plate ***	8	None	None	75A1	75A1	
25	SUPPORT, Frame Riser †	1	1PA1331	1PA1331	1PA1331	1PA1331	
26	SCREW, Frame Riser Support †	2	75A47	75A47	75A88	75A88	
27	WASHER, Frame Riser Support †	2	95C2	95C2	95C10	95C10	

ϕ Not shown on illustration.
* Frames originally furnished are not available. For repair contact Quincy Repair Department.
** For cord type gasket order 25J25, for flat type gasket order PJ715.
*** Required if Oil Pump is not mounted in frame.
† Not required for truck-mounted pumps.



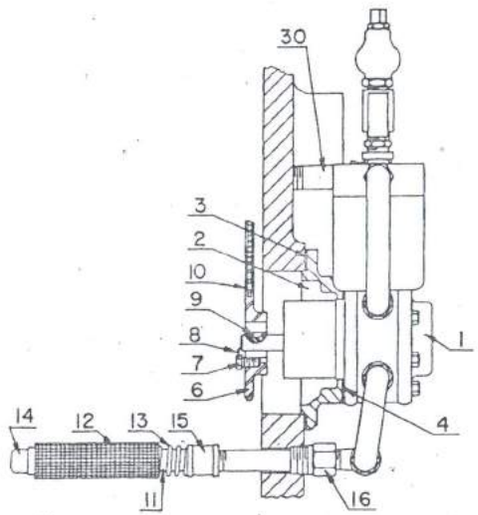
FOR LIST OF PARTS SEE PAGE 7.

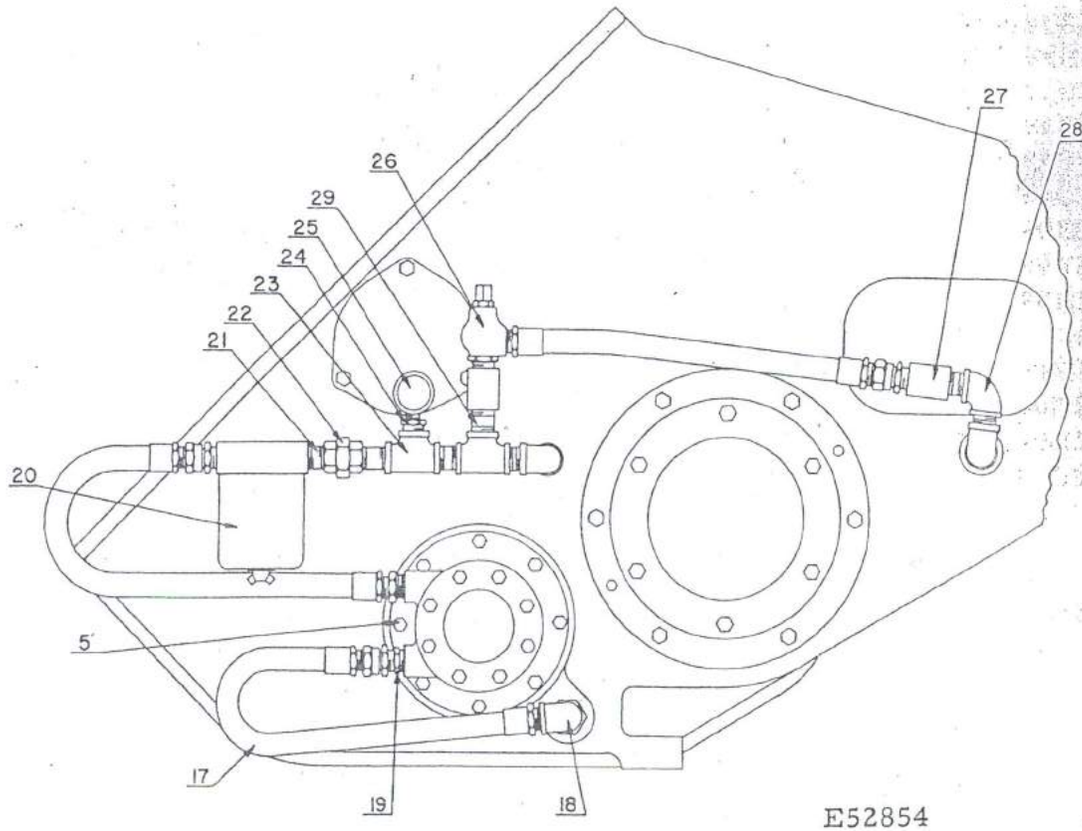
Order by Part Number and Description. Reference Numbers for your convenience only.

Ref. No.	Name of Part	Qty. Req. Per Pump	Model PA8C Part No.
	OIL PUMP PIPING GROUP		
1	PUMP-OIL	1	*
2	ADAPTOR, Oil Pump	1	PA1398
3	GASKET, Adaptor to Frame	1	25C1857
4	GASKET, Oil Pump to Adaptor	1	25C1856
5	SCREW, Adaptor to Frame	8	75A1
6	SPROCKET, Oil Pump	1	20C16
7	SCREW, Sprocket	2	75B29
8	WIRE-SCREW	1	97A1
9	KEY, Sprocket	1	35D2
10	CHAIN-DRIVE	1	20B39
	(Oil Pump Inlet Group)		
11	STRAINER	1	GXR208
12	SCREEN-OIL	1	GXR1289
13	SPRING, Tension	1	78A149
14	CAP-PIPE	1	64AD5
15	ELBOW-PIPE	2	64C5
16	NIPPLE-PIPE	1	63G1
17	NIPPLE-PIPE	1	63G8
18	COUPLING-PIPE	1	64BK5
19	CONNECTOR	1	64AUX113
20	ELBOW-TUBE	1	86E73
21	TUBE, Oil Pump Inlet	1	85A574
22	CONNECTOR-TUBE	1	86E22
	(Oil Pump Discharge & Bypass Group)		
23	NIPPLE-PIPE	3	63G28
24	TEE-PIPE	2	64G7
25	VALVE, Oil Relief	1	90Q68
26	UNION-STRAIGHT	1	64Z10
27	FILTER-OIL	1	**
28	ELBOW-TUBE	1	86E73
29	TUBE, Filter to Frame	1	85A575
30	CONNECTOR-TUBE	1	86E22
31	NIPPLE-PIPE	1	63G29
32	ELBOW-PIPE ST.	1	64D6
33	BUSHING-PIPE	1	64E3
34	GAUGE, Oil Pressure	1	27B5
35	BUSHING-PIPE	1	64E5
36	ELBOW-TUBE	2	86E70
37	TUBE, Bypass	1	85A578

* For component parts of oil pump see page 12.

** For component parts of oil filter see page 12.





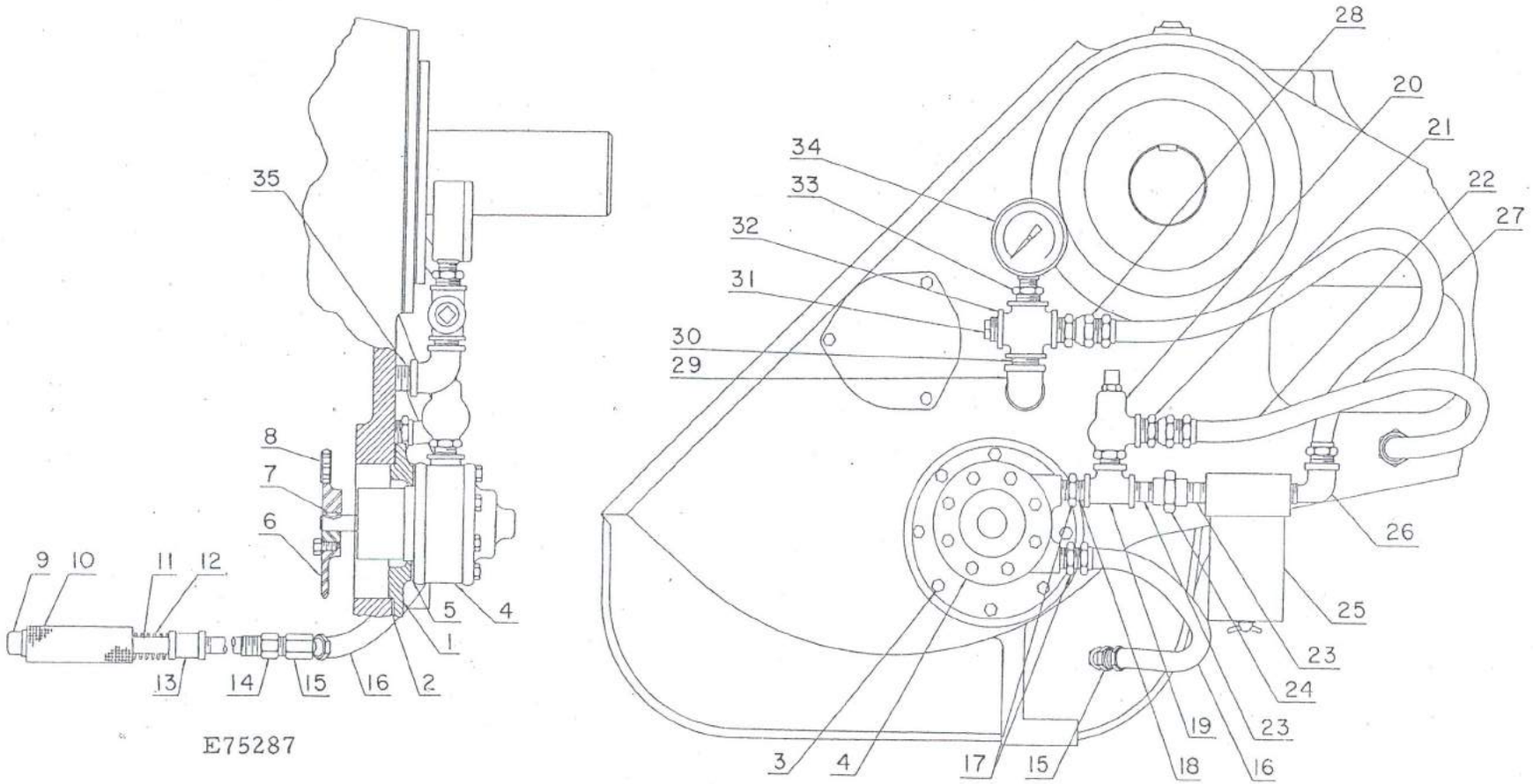
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FOR LIST OF PARTS SEE PAGE 9.

Order by Part Number and Description. Reference Numbers for your convenience only.

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8E PA8H PA8J PA8L Model PA8K	Models PA8Q PA8U PAHAE Model PAHAK
	OIL PUMP PIPING GROUP		Part No.	Part No.
1	PUMP-OIL	1	*	*
ϕ	SCREW, Oil Pump to Adaptor	8	None	None
2	ADAPTOR, Oil Pump	1	PA1398	1PA1398
3	GASKET, Adaptor to Frame	1	25C1857	25C1857
4	GASKET, Oil Pump to Adaptor	1	25C1856	25C1856
5	SCREW, Adaptor to Frame	8	75A1	75A1
6	SPROCKET, Oil Pump	1	20C16	20C25
7	SCREW, Sprocket	2	75B29	75B29
8	WIRE-SCREW	1	97A1	97A1
9	KEY, Sprocket	1	35D2	35D2
10	CHAIN-DRIVE	1	20B39	20B62
11	STRAINER	1	GXR208	GXR208
12	SCREEN-OIL	1	GXR1289	GXR2189
13	SPRING, Tension	1	78A149	78A149
14	CAP-PIPE	1	64AD5	64AD5
15	COUPLING-PIPE	1	64BK5	64BK5
16	CONNECTOR	1	64AUX113	69AUX113
17	HOSE, Oil Pump Inlet	3	29N1	29N1
18	ELBOW-PIPE ST.	See ( )	64D6 (2)	64D6 (1)
19	BUSHING-PIPE	2	64E16	64E16
20	FILTER-OIL	1	***	***
21	NIPPLE-PIPE	See ( )	63G28 (3)	63G2 (5)
22	UNION-STRAIGHT	1	64Z10	64Z10
23	TEE-PIPE	2	64G7	64G7
24	BUSHING-PIPE	1	64E5	64E3
25	GAUGE, Oil Pressure	1	27B5	27B5
26	VALVE, Oil Relief	1	90Q62	90Q62
27	COUPLING-PIPE	2	None	64BK5
28	ELBOW-PIPE	3	None	64C5
29	NIPPLE-PIPE	2	None	63G3
30	NIPPLE-PIPE	See ( )	63F35 (1)	63G6 (2)

ϕ Not shown on illustration.
* For component parts of oil pump see page 12.
** For component parts of oil pump see page 13.
*** For component parts of oil filter see page 12.



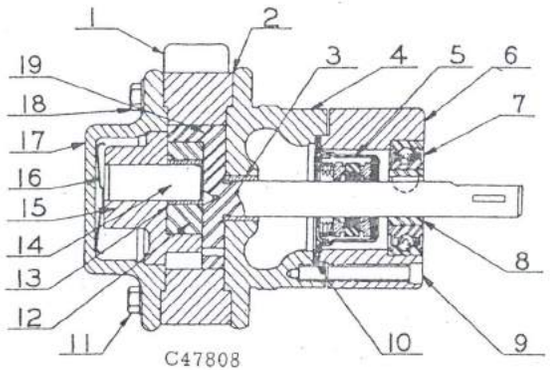
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FOR LIST OF PARTS SEE PAGE 11.

Order by Part Number and Description. Reference Numbers for your convenience only.

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8N PA8R PA8S PA8W PA8X / PA8Y PAHAA PAHAB PAHAC PAHAD	Models PAHAF PAHAG PAHAH PAHAJ
	OIL PUMP PIPING GROUP		Part No.	Part No.
1	ADAPTOR-OIL PUMP	1	1PA1398	200PAH170
2	GASKET, Adaptor to Frame	1	25C1857	25C1857
3	SCREW, Adaptor to Frame	8	75A1	75A1
4	PUMP-OIL	1	*	**
ϕ	SCREW, Oil Pump to Adaptor	8	None	75B101
5	GASKET, Oil Pump to Adaptor	1	25C1856	25C1856
6	SPROCKET	1	20C25	20C25
7	KEY, Sprocket	1	35D2	35D2
8	CHAIN, Drive	1	20B71	20B71
ϕ	LINK-CHAIN	1	20B43	20B43
ϕ	CAP-PIPE	1	64AD5	64AD5
10	SCREEN-OIL	1	GXR1289	GXR1289
11	STRAINER	1	GXR208	GXR208
12	SPRING	1	78A149	78A149
13	COUPLING-PIPE	1	64BK5	64BK5
14	CONNECTOR	1	69AUX113	69AUX113
15	ADAPTOR-HOSE	1	29Q75	29Q75
16	ASM HYDRAULIC HOSE	1	2009726	2009726
17	BUSHING-PIPE	2	64E16	64E16
18	NIPPLE-PIPE	1	63G1	63G1
19	TEE-PIPE	1	64G7	64G7
20	VALVE-LIQUID RELIEF	1	90Q62	90Q62
21	ADAPTOR-HOSE	1	29Q16	29Q16
22	ASM HYDRAULIC HOSE	1	29N1	29N1
23	NIPPLE-PIPE	2	63G28	63G28
24	UNION-PIPE	1	64Z10	64Z10
25	FILTER-OIL **	1	***	***
26	ELBOW-PIPE ST.	1	64D6	64D6
27	ASM HYDRAULIC HOSE	1	29N1	29N1
28	ADAPTOR-HOSE	1	29Q16	29Q16
29	ELBOW-PIPE	1	64C5	64C5
30	NIPPLE-PIPE	1	63U12X13	63U12X13
31	PLUG-SqHd PIPE	1	64A5	64A5
32	CROSS-PIPE	1	64K8	64K8
33	BUSHING-PIPE	1	64E3	64E3
34	GAUGE-PRESSURE, Oil	1	27A121	27A121
35	NIPPLE-PIPE	1	63G2	63G2

ϕ Not shown on illustration.
* For component parts of oil pump see page 12.
** For component parts of oil pump see page 13.
*** For component parts of oil filter see page 12.

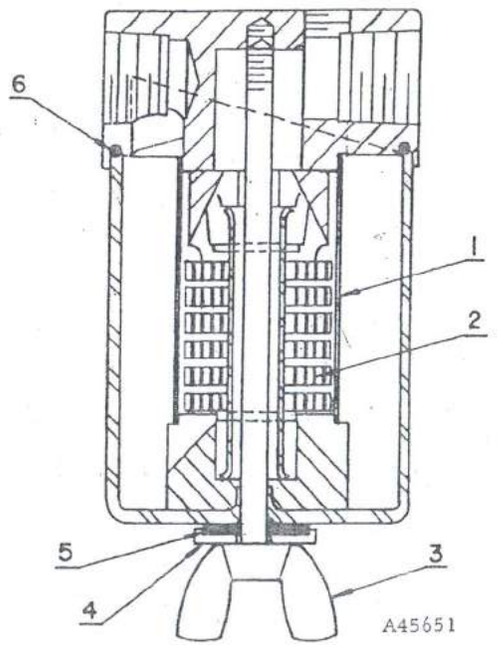


C47808

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8C thru PAHAE PA8R PA8Y
	OIL CIRCULATING PUMP		Part No.
1	PUMP-OIL (Complete)	1	*
2	GASKET	2	2008285
3	BUSHING, Bracket	1	2008286
4	BRACKET	1	**
5	SEAL	1	2008287
6	HOUSING, Bearing	1	2008284
7	BEARING	1	2008304
8	BUSHING, Bearing	1	2008288
9	SCREW, Housing to Bracket . . .	5	75P27
10	GASKET, Bearing Housing	1	2008916
11	SCREW, Cover	4	75A200
12	ASM IDLER, Incl. Ref. #13 . . .	1	2008290
13	BUSHING	1	2008291
	ASM IDLER CARRIER, Incl. Ref. #14 & 15	1	2008300
14	PIN, Carrier	1	2008283
15	CARRIER, Idler	1	2008295
16	SPRING, Idler	1	2008068
17	COVER	1	**
18	SCREW, Cover	4	75A251
19	ROTOR	1	*

* Oil Pump or Rotor originally furnished is no longer available. For repair order Kit PAH67135 which consists of (1) 200PAH188 Oil Pump, (1) 200PAH170 Adaptor and (8) 75B101 Screws.

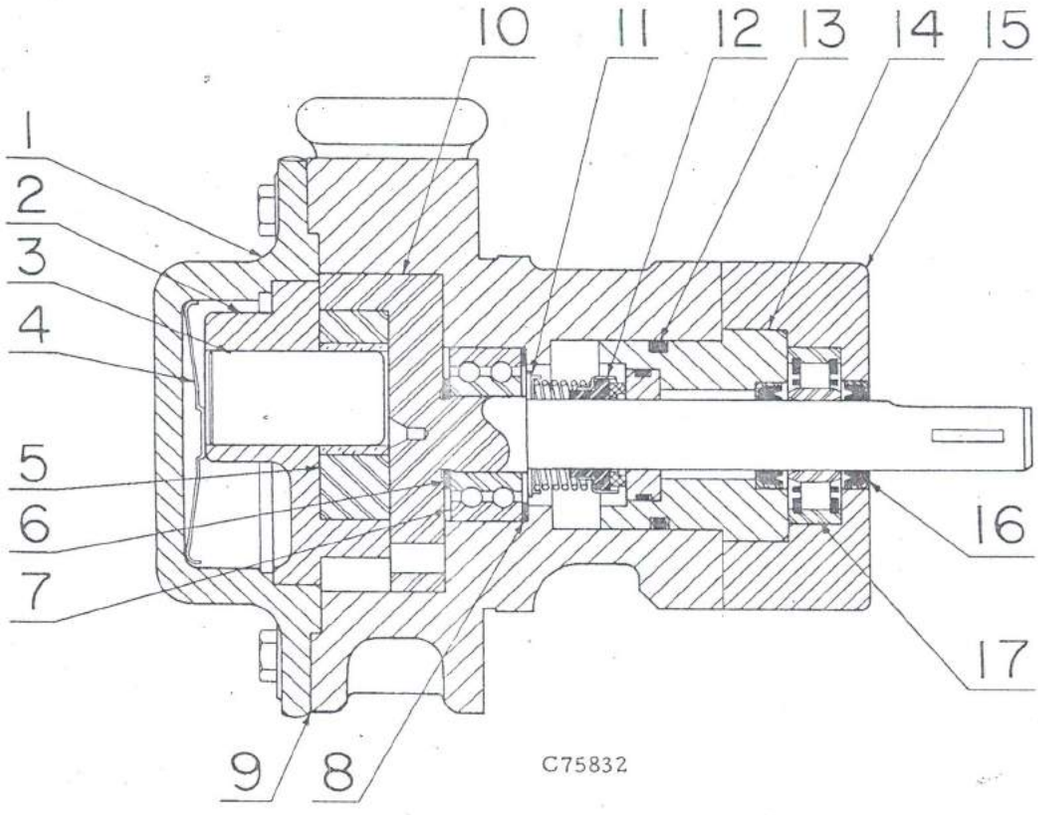
** Not normally furnished for repair.



A45651

Ref. No.	Name of Part	Qty. Req. Per Pump	All PA8 & PAH Models
	OIL FILTER (MAGNETIC)		Part No.
	FILTER-OIL (Complete)	1	26A11
1	CYLINDER	1	2008821
2	STACK, Grid	1	2008228
3	NUT, Rod	1	2008227
4	CUP, Washer	1	2008223
5	WASHER	1	2008224
6	O-RING	1	2008225

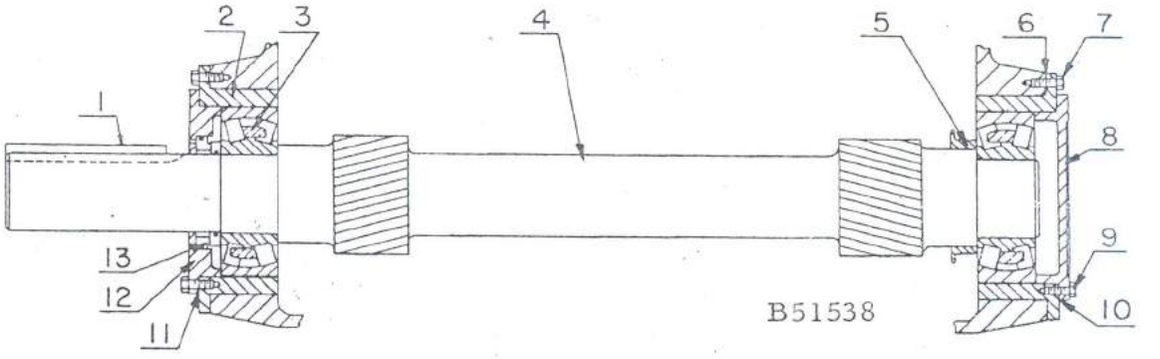
Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHAF PAHAG PAHAH PAHAJ PAHAK
	OIL CIRCULATING PUMP		Part No.
	OIL PUMP - COMPLETE	1	200PAH188
1	COVER	1	2010987
2	CARRIER-IDLER	1	2010988
3	PIN-IDLER	1	2010989
4	SPRING-THRUST	1	2010990
5	ASM IDLER	1	2010991
6	WASHER	1	2010992
7	BEARING-BALL	1	2010993
8	SHIM, Bearing	1	2010994
9	GASKET, Cover	1	2109006
10	ROTOR	1	2010995
11	WASHER	1	2010996
12	SEAL, Mechanical	1	2109003
13	O-RING	1	2109004
14	PLUG-HOUSING	1	2010997
15	HOUSING-BEARING	1	2109005
16	SEAL, Bearing Housing	1	2010998
17	BEARING-ROLLER	1	2010999
ϕ	VENT PLUG-SUCTION	1	2109000
ϕ	VENT PLUG-DISCHARGE	1	2109001
ϕ	WASHER, Vent Plug	2	2109002

ϕ Not shown on illustration.

Order by Part Number and Description. Reference Numbers for your convenience only.



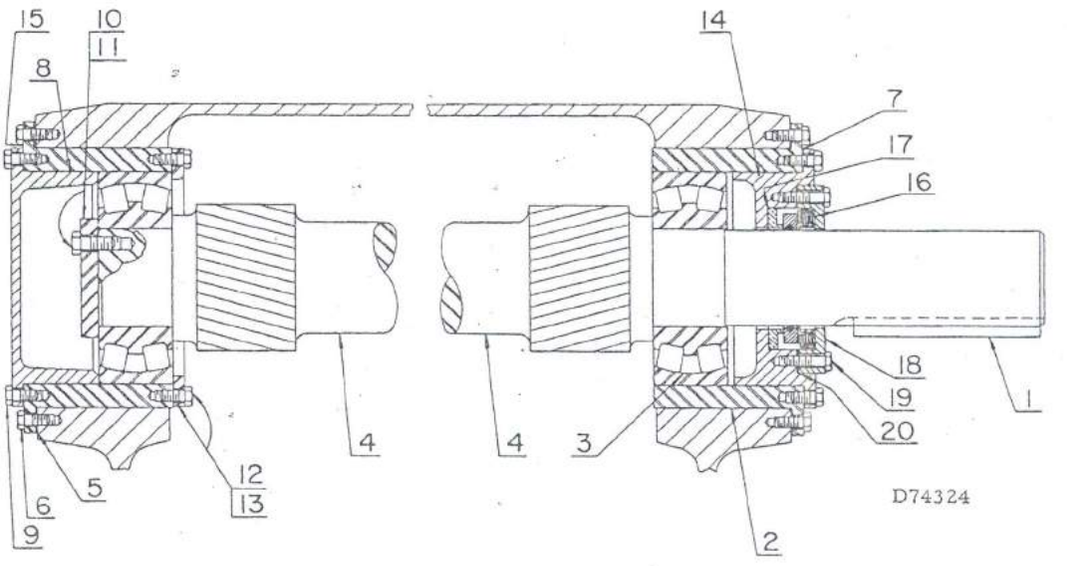
Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8C PA8E PA8H PA8J PA8L	Model PA8K
	JACKSHAFT & BEARING GROUP		Part No.	Part No.
1	KEY, Jackshaft	1	35B199	35B199
2	HOUSING-BEARING	2	PA368	PA368
3	BEARING	2	12GC3	12GC3
4	JACKSHAFT (Left Hand Extension) *	1	1PA371 **	2PA371
4	JACKSHAFT (Right Hand Extension) *	1	1PA371 **	3PA371
5	SPROCKET, Oil Pump	1	PA1322	PA1322
6	GASKET, Bearing Housing to Frame	2	25C1721	25C1721
7	SCREW, Bearing Housing to Frame	12	75AA1	75AA1
8	PLATE-BEARING RETAINER	1	PA370	2PA370
ϕ	SEAL-OIL, Retainer Plate	1	60G60	None
9	SCREW, Retainer Plate	12	75A4	75A4
10	SHIM (.020)	4	77A321	77A321
10	SHIM (.005)	14	77A320	77A320
11	GASKET, Retainer Plate	2	None	25C1722
12	PLATE-BEARING RETAINER (Drive End)	1	PA370	3PA370
13	SEAL-OIL, Retainer Plate (Drive End)	1	60G60	60BT2
ϕ	COVER, Jackshaft Extension	1	PA850	None
ϕ	SCREW, Cover	6	75A39	None

ϕ Not shown on illustration.

* For definition of Right Hand and Left Hand, see ordering instructions on page 2.

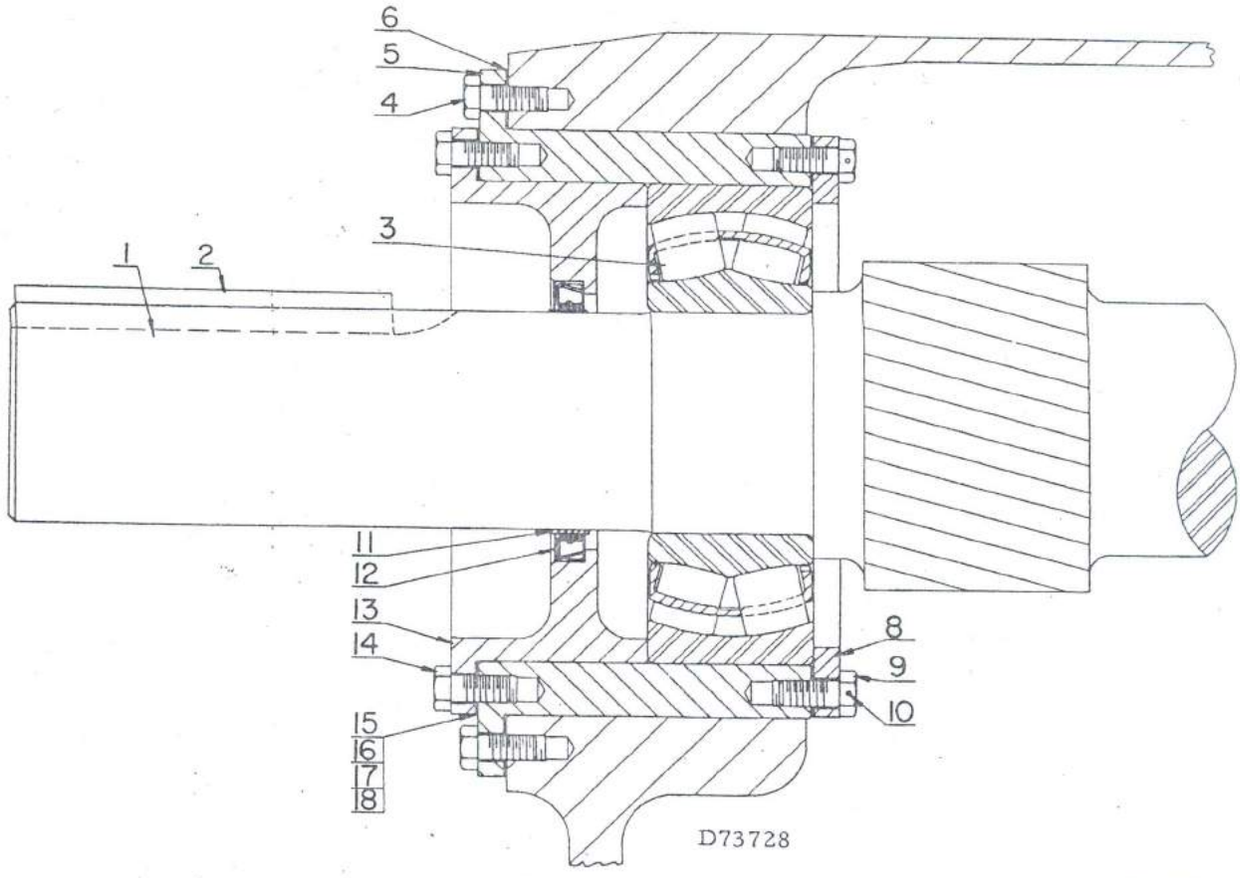
** 1PA371 is a double extended jackshaft.

Order by Part Number and Description. Reference Numbers for your convenience only.



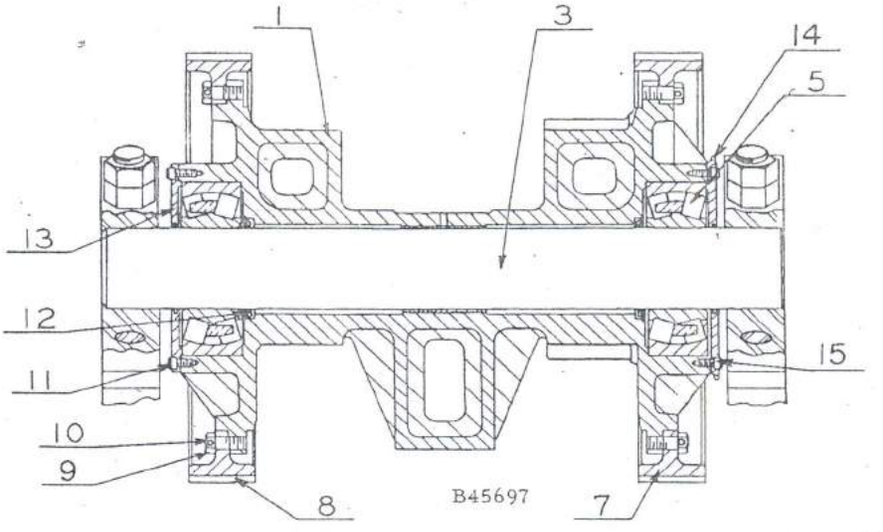
Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8N PA8R PA8S PA8W PA8X	Models PA8Q PA8U PAHAE PAHAK
	JACKSHAFT & BEARING GROUP		Part No.	Part No.
1	KEY, Jackshaft	1	35B199	35B199
2	HOUSING-BEARING	2	1PA368	1PA368
3	BEARING 22326CC/	2	12GC3	12GC3
4	JACKSHAFT (Left Hand Extension) *	1	6PA371	6PA371
4	JACKSHAFT (Right Hand Extension) *	1	5PA371	5PA371
5	GASKET, Bearing Housing to Frame	2	25C1945	25C1945
6	SCREW, Bearing Housing to Frame	12	75AA1	75AA1
7	GASKET, Retainer Plate to Housing	1	25C1722	25C1722
8	PLATE-BEARING RETAINER (Closed)	1	4PA370	4PA370
9	SCREW, Retainer Plate	12	75AA1	75AA1
10	PLATE-RETAINER (Outer)	1	PA1206	PA1206
11	SCREW, Outer Plate	3	75B10	75B10
12	PLATE-RETAINER (Inner)	1	1PA1206	1PA1206
13	SCREW, Inner Plate	6	75B13	75B13
ϕ	WIRE, Screw	2	97A8	97A8
14	PLATE-BEARING RETAINER (Open)	1	6PA370	5PA370
15	SHIM (.005)	3	77A320	77A320
15	SHIM (.020)	4	77A321	77A321
15	SHIM (.002)	2	77A366	77A366
16	SEAL-OIL	1	60G60	60BT2
17	BEARING	1	None	PA325
18	PLATE-RETAINER, Oil Seal	1	None	2PA324
19	SCREW, Oil Seal Retainer Plate	6	None	75A39
20	GASKET, Oil Seal Retainer Plate	1	None	25C2077

ϕ Not shown on illustration.
* For definition of Right Hand and Left Hand, see ordering instructions on page 2.



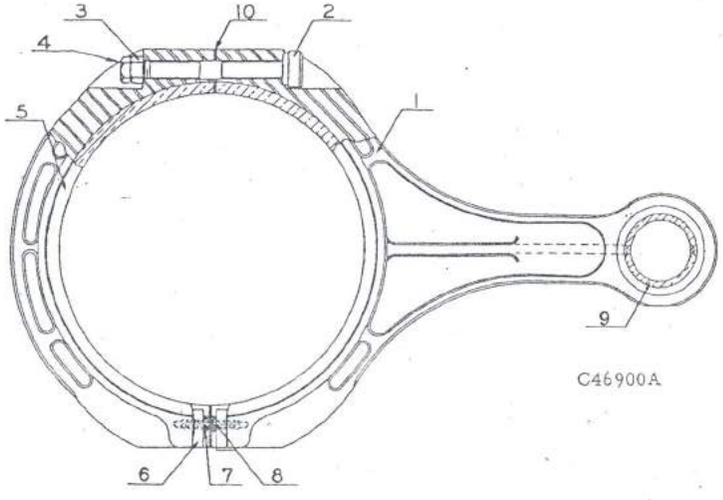
Ref. No.	Name of Part	No. Req. Per Pump	Models PA8Y PAHAA PAHAB PAHAC PAHAD	Models PAHAF PAHAG PAHAH PAHAJ
	JACKSHAFT & BEARING GROUP			Part No.
1	JACKSHAFT	1		4PA371
2	KEY, Jackshaft	1		35B199
3	BEARING	2		12GC3
4	SCREW, Bearing Housing	12		75AA1
5	HOUSING-BEARING	2		1PA368
6	GASKET, Bearing Housing	2		25C1945
8	PLATE-RETAINER	1		1PA1206
9	SCREW, Plate	6		75B13
10	WIRE, Retainer Screw	2		97A8
11	SLEEVE-WEAR	2		80L8
12	SEAL-OIL, Retainer Plate	2		60G259
13	PLATE-BEARING RETAINER	2		PJ370
14	SCREW, Bearing Retainer Plate	12		75AA1
15	GASKET, Bearing Retainer Plate	2		25C1722
16	SHIM (.002)	2		77A366
17	SHIM (.005)	3		77A320
18	SHIM (.010)	4		77A321

Order by Part Number and Description. Reference Numbers for your convenience only.

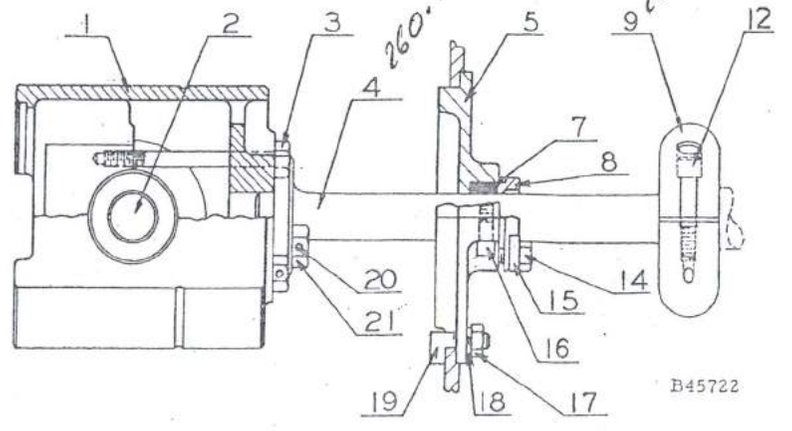


Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8C PA8E PA8H PA8J	Model PA8K	Models PA8N PA8Q PA8R PA8S PA8U PA8W PA8X PA8Y PAHAA	Models PAHAB PAHAC PAHAD PAHAE PAHAF PAHAG PAHAH PAHAJ PAHAK
	ECCENTRIC GROUP		Part No.	Part No.	Part No.	
1	ASM ECCENTRIC, Incl. next 2 items & Ref. #12	1	1PA255A	2PA255C	2PA255D	
ø	STUD (3/4 x 3-9/16), Counterweight	1	None	None	79AB15	
ø	STUD (3/4 x 3-7/16), Counterweight	3	None	None	79L24	
3	SHAFT-ECCENTRIC (with Plugs)	1	1PA367A	1PA367A	1PA367A	
ø	PLUG, Shaft Oil Line	2	64AC4	64AC4	64AC4	
5	BEARING	2	12GC2	12GC2	12GC2	
7	GEAR-DRIVEN (Right Side) *	1	2PA1293	2PA1293	2PA1293	
8	GEAR-DRIVEN (Left Side) *	1	2PA1294	2PA1294	2PA1294	
9	SCREW, Gear to Eccentric	10	75B43	75B43	75B43	
ø	SCREW, Gear Locating	2	75B88	75B88	75B88	
10	WIRE	2	97A24	97A24	97A24	
11	SCREW, Plate to Eccentric	See ( )	75A73 (12)	75A73 (12)	75B20 (6)	
12	ASM OIL SEAL, Incl. next item	2	1PA1062A	1PA1062A	1PA1062A	
ø	SEAL-QUAD RING	2	25AJ58	25AJ58	25AJ58	
13	PLATE-BEARING RETAINER	See ( )	PA366 (2)	PA366 (2)	2PA366 (1)	
14	SPROCKET	1	None	None	2PA1322	
15	SCREW, Sprocket to Eccentric	6	None	None	75P74	
ø	COUNTERWEIGHT	2	None	None	1PA1405	
ø	NUT-FLEXLOCK	4	None	None	50AS8	

ø Not shown on illustration.



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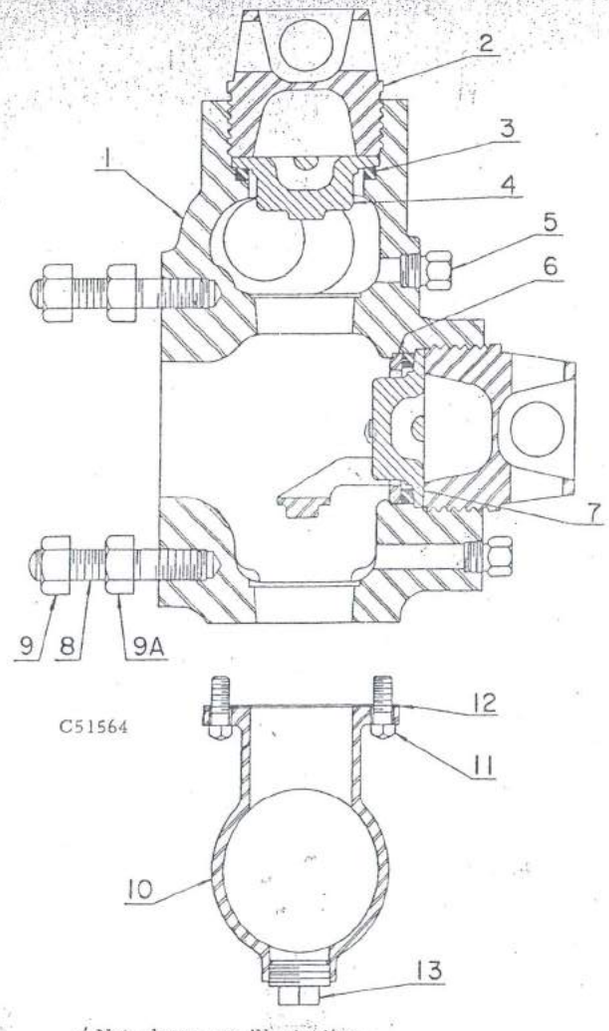
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Ref. No.	Name of Part	Qty. Req. Per Pump	All PA8 & PAH Models
	CONNECTING ROD		Part No.
1	ASM. CONNECTING ROD (Complete) *	3	1PA417B
2	BOLT, Connecting Rod	6	200PAH254
3	NUT, Connecting Rod Bolt	6	50B33
4	NUT-LOCK, Connecting Rod Bolt	6	50M2
5	BUSHING	3	1PA421
6	CLAMP, Liner	24	PA889
7	WIRE-SCREW	6	97A24
8	SCREW, Clamp	24	75B41
9	BUSHING, Crosshead Pin	3	PA229
10	SHIM (.003)	12	77A324

* Connecting rod assembly originally furnished on Model PA8C is no longer available -- complete assembly shown above must be ordered. For individual repair parts on this model consult your nearest Gardner-Denver Sales and Service Office.

Ref. No.	Name of Part	Qty. Req. Per Pump	All PA8 & PAH Models
	CROSSHEAD, PUSH ROD & OIL STOP HEAD GROUP		Part No.
1	ASM CROSSHEAD, Incl. Ref. #3	3	PA175A
2	PIN-CROSSHEAD	3	1PA189
ϕ	RING, Pin Retaining	6	65U25
3	SCREW, Crosshead	12	75AG14
4	ROD-EXTENSION	3	2PA183
5	ASM OIL STOP HEAD, Incl. Ref. #16	3	PA226A
7	PACKING, Oil Stop Head	3	60BU147
8	GLAND, Oil Stop Head	3	PA238
9	ASM PLUNGER COUPLING, Incl. Ref. #12	3	PA1304A
12	SCREW, Coupling Clamp	6	75P77N
14	SCREW, Stop Head Gland	6	75A12
15	CLIP-GLAND	6	F6A15B1
16	SCREW, Stop Head	6	75P2
17	NUT, Oil Stop Head to Frame	12	50B5
18	WASHER, Oil Stop Head to Frame	12	95F5
19	SCREW, Oil Stop Head to Frame	12	PA1333
20	WIRE-LOCKING	3	97A28
21	SCREW, Extension Rod to Crosshead	12	75B11
ϕ	GASKET, Oil Stop Head	3	25C1870

ϕ Not shown on illustration.



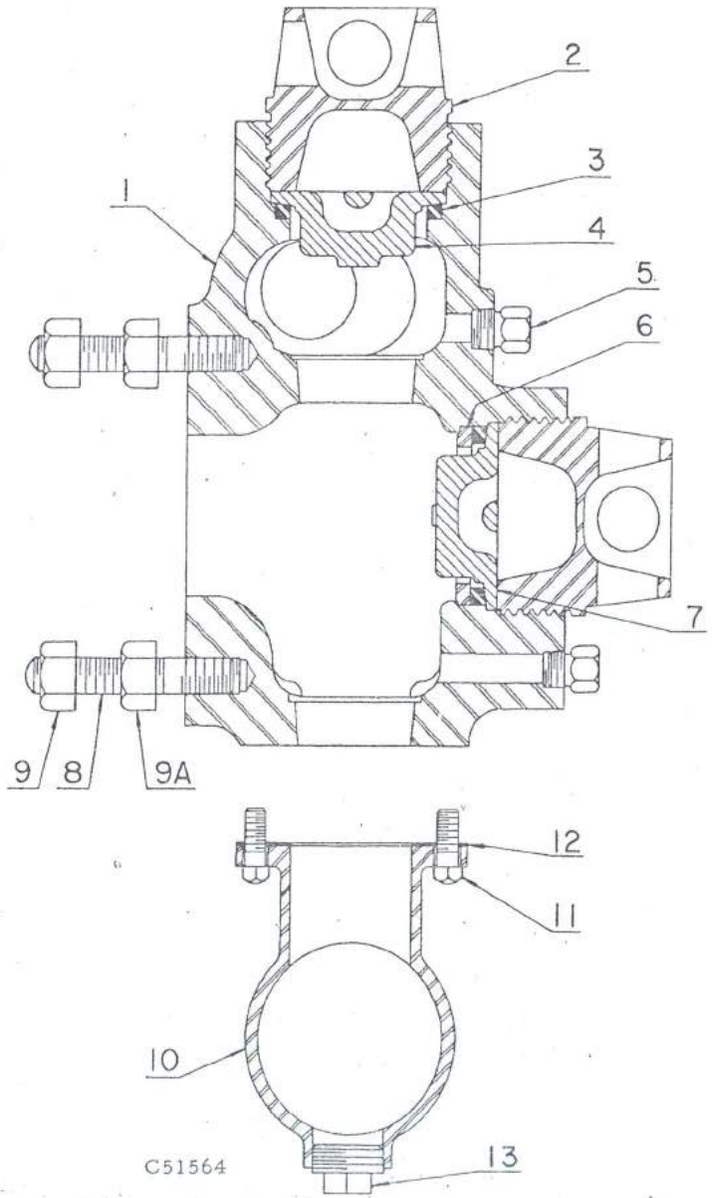
Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8C PA8E	Model PA8H	Models PA8K PA8L PA8Q PA8R PA8V	Models PA8S PA8U
	FLUID CYLINDER		Part No. (Cast Steel)	Part No. (Cast Steel)	Part No. (Cast Steel)	Part No. (Cast Steel)
	FLUID CYLINDER GROUP, Incl. all the following parts . .	1	*	*	**	**
1	ASM FLUID CYLINDER, Incl. Ref. #7, 8, 9 & 9A	1	*	*	**	**
2	LOCK-COVER	6	2PA147	2PA147	3PA587	3PA587
3	GASKET, Valve Cover	6	25T4	25T4	25T4	25T4
4	COVER-VALVE, Discharge . .	3	2PA354	2PA354	2PA354	2PA354
5	PLUG	See ( )	64AU5 (4)	64AU5 (4)	64AU5 (1)	64AU5 (1)
6	RETAINER, Suction Valve . . .	3	3PA290	3PA290	5PA290	5PA290
7	COVER-VALVE, Suction	3	2PA354	2PA354	5PA354	5PA354
8	STUD, Cylinder to Frame . . .	18	79AJ2	79AJ2	79AJ2	79AJ2
9	NUT, Stuffing Box	18	50B11	50B11	50B11	50B11
9A	NUT, Cylinder to Frame Stud .	18	50B11	50B11	50B11	50B11
10	MANIFOLD-SUCTION	1	None	None	1PA110	4PA110
11	SCREW, Suction Manifold to Cylinder	12	None	None	75A57	75A57
12	GASKET, Suction Manifold to Cylinder	3	None	None	25C2023	25C2023
13	PLUG-SqHd PIPE	1	None	None	64A9	64A9
ϕ	FLANGE, Discharge Blank . .	1	64CB9	64CB9	None	None
ϕ	NUT, Discharge Flange	16	50B11	50B11	None	None
ϕ	BOLT, Discharge Flange . . .	16	75LL17	75LL17	None	None
ϕ	GASKET, Discharge Flange . .	2	25T15	25T15	None	None
ϕ	FLANGE, Discharge	1	64DA48	64DA48	None	None
ϕ	FLANGE, Suction Blank	1	64CB8	None	None	64CB20
ϕ	BOLT or SCREW, Suction Flange	24	75L66	None	None	75A215
ϕ	NUT, Suction Flange	24	50B10	None	None	50B8
ϕ	FLANGE, Suction	1	64DA47	None	None	64DA17
ϕ	GASKET, Suction Flange . . .	2	25AL28	None	None	25G39
ϕ	PLUG-SqHd PIPE, Suction Passage Drain	3	64AA8	64AA10	64AA10	64AA10
ϕ	CAP-SUCTION	1	None	2SPE272	None	None

ϕ Not shown on illustration.

* Fluid Cylinders originally furnished for Models indicated are no longer available. For repair order Fluid Cylinder Group 200PJH029D which includes cylinders, valves and discharge manifold. Also order (1) 4PA110 Suction Manifold, Manifold parts and (6) 3PA587 Valve Cover Locks. Other parts that must be ordered are: stuffing boxes, stuffing box glands, stuffing box stud nuts and stuffing box packing assemblies as listed for Model PA8L. Also order 20-1/2" Plungers as listed on page 33.

** Fluid Cylinders originally furnished for Models indicated are no longer available. For repair order Fluid Cylinder Group 200PJH029D which includes cylinders, valves and discharge manifold. It does not include Suction Manifold or (6) 3PA587 Valve Cover Locks which can be used from cylinders furnished with pump.

NOTE: If the above changes are made, construction will then be as shown on page 22 for Models PAHAD, PAHAE, PAHAJ and PAHAK.

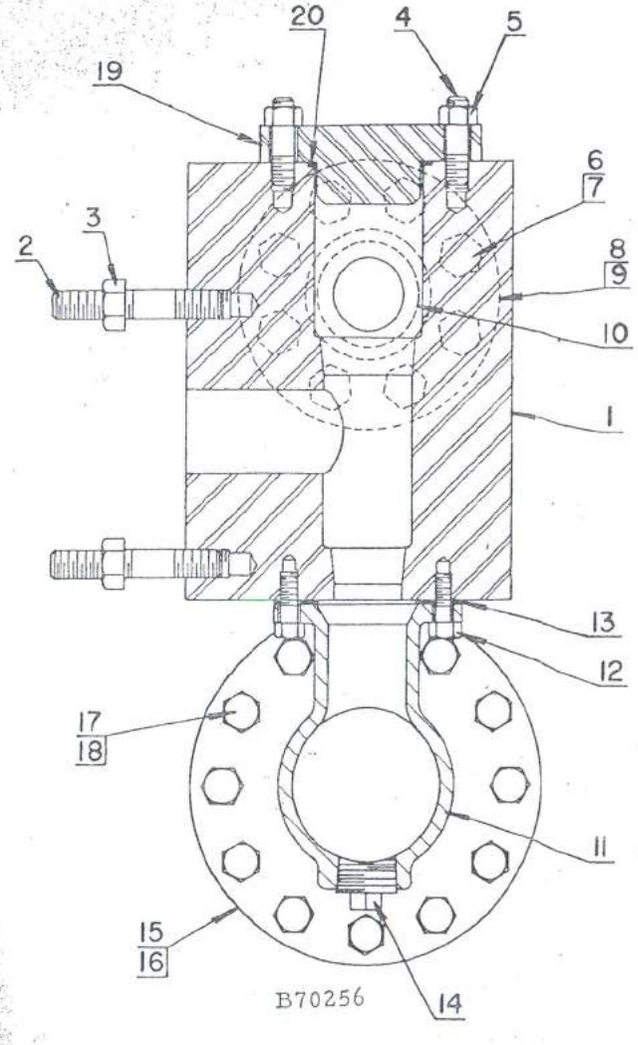


Ref. No.	Name of Part	Qty. Req. Per Pump	Model PA8J	Model PA8N PAHAA PAHAF
	FLUID CYLINDER		Part No. (Alum. Bronze)	Part No. (Alum. Bronze)
	FLUID CYLINDER GROUP, Incl. all the following parts . .	1	*	8PA29C
1	ASM FLUID CYLINDER, Incl. Ref. #7, 8, 9 & 9A	1	*	8PA29B
2	LOCK-COVER	6	1PA147	5PA147
3	GASKET, Valve Cover	6	25T4	25T4
4	COVER-VALVE, Discharge . .	3	4PA354	7PA354
5	PLUG	4	2CP503	None
6	RETAINER, Suction Valve . . .	3	PA992	1PA992
7	COVER-VALVE, Suction	3	4PA354	8PA354
8	STUD, Cylinder to Frame . . .	18	79AJ2	79AJ2
9	NUT, Stuffing Box	18	50B11	50B11
9A	NUT, Cylinder to Frame Stud .	18	50B11	50B11
10	MANIFOLD-SUCTION	1	None	3PA110
11	SCREW, Suction Manifold to Cylinder	12	None	75A57
12	GASKET, Suction Manifold to Cylinder	3	None	25C2023
13	PLUG-SqHd PIPE	1	None	64AJ9
ϕ	FLANGE, Discharge	1	64DA48	64DA48
ϕ	FLANGE, Discharge Blank . .	1	64CB9	64CB9
ϕ	GASKET, Discharge Flange . .	2	25T15	25T15
ϕ	BOLT, Discharge Flange . . .	16	75LL17	75LL17
ϕ	NUT, Discharge Flange	16	50B11	50B11
ϕ	FLANGE, Suction	2	64DA47	64DA47
ϕ	GASKET, Suction Flange	2	25AL28	25AL28
ϕ	BOLT, Suction Flange	24	75L66	75L66
ϕ	NUT, Suction Flange	24	50B10	50B10
ϕ	PLUG, Suction Passage Drain .	3	64AJ9	64AJ9

ϕ Not shown on illustration.

* If new cylinder is required order 8PA29C or 8PA29B. When changing to new cylinder order suction manifold (with related parts), manifold drain plug, stuffing boxes, stuffing box glands and packing assemblies listed for Model PA8N. Also order 20-1/2" Plungers listed on page 33.

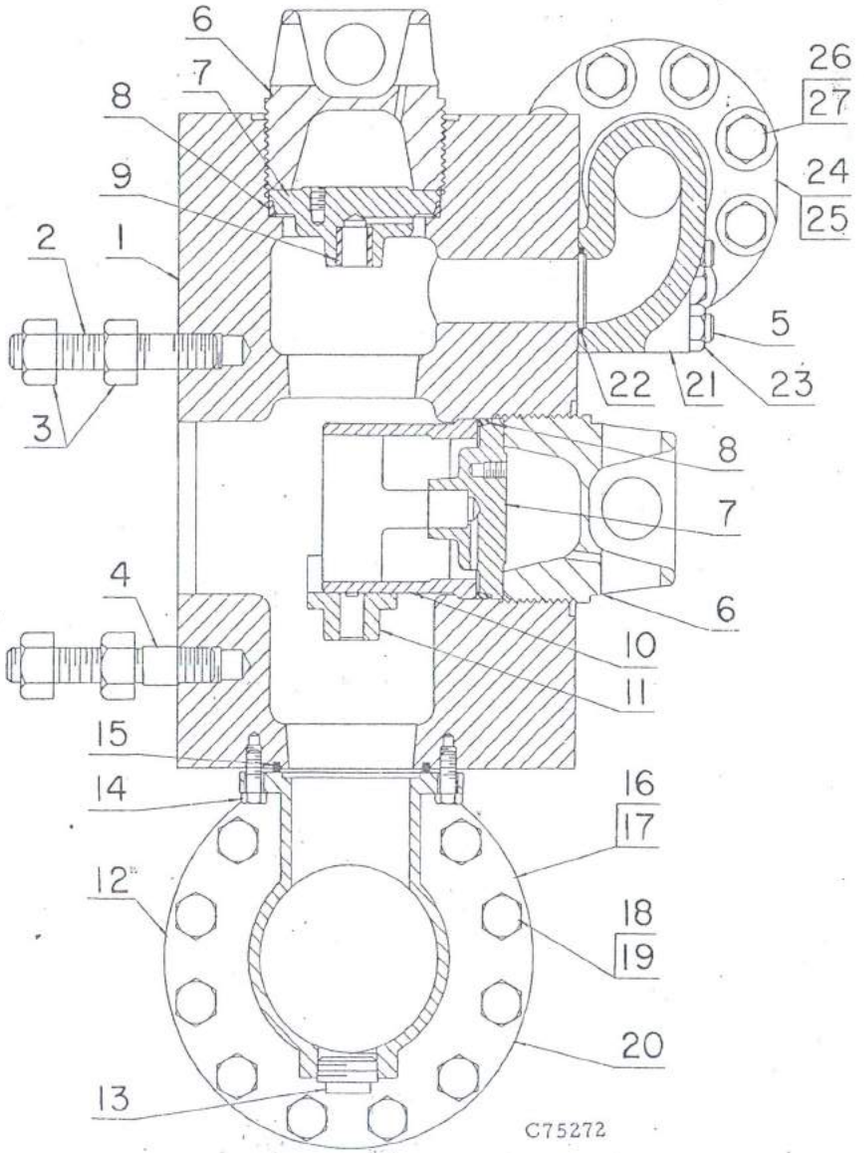
Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8W PAHAB	Models PA8X PAHAC PAHAH
	FLUID CYLINDER		Part No. (HP Block Steel)	Part No. (HP Block Alum. Bronze)
	FLUID CYLINDER GROUP, Incl. all the following parts . .	1	*	14PA29C
1	ASM FLUID CYLINDER, Incl. Ref. #2 thru 7	1	13PA29B	14PA29B
2	STUD, Cylinder to Frame . . .	18	79AJ2	79AJ2
3	NUT, Cylinder to Frame	36	50B35	50B35
4	STUD, Valve Cover	18	79L71	79L71
5	NUT, Valve Cover	18	50B33	50B33
6	STUD, Discharge Flange . . .	16	79L10	79L10
7	NUT, Discharge Flange	16	50B35	50B35
8	FLANGE, Discharge	1	64DA48	64DA48
9	FLANGE, Discharge Blind . .	1	64CB9	64CB9
10	GASKET, Discharge Flange . .	2	25T15	25T15
11	MANIFOLD-SUCTION	1	3PA110	3PA110
12	SCREW, Suction Manifold to Cylinder	12	75A57	75A57
13	GASKET, Suction Manifold to Cylinder	3	25C2023	25C2023
14	PLUG-SqHd PIPE, Suction Manifold Drain	1	64A9	64A9
15	FLANGE, Suction	2	64DA47	64DA47
16	GASKET, Suction Flange . . .	2	25AL28	25AL28
17	SCREW, Suction Flange	24	75A153	75A153
18	NUT, Suction Flange	24	50B10	50B10
19	COVER-VALVE	3	7PA147	8PA147
20	GASKET, Valve Cover	3	25AL36	25AL36

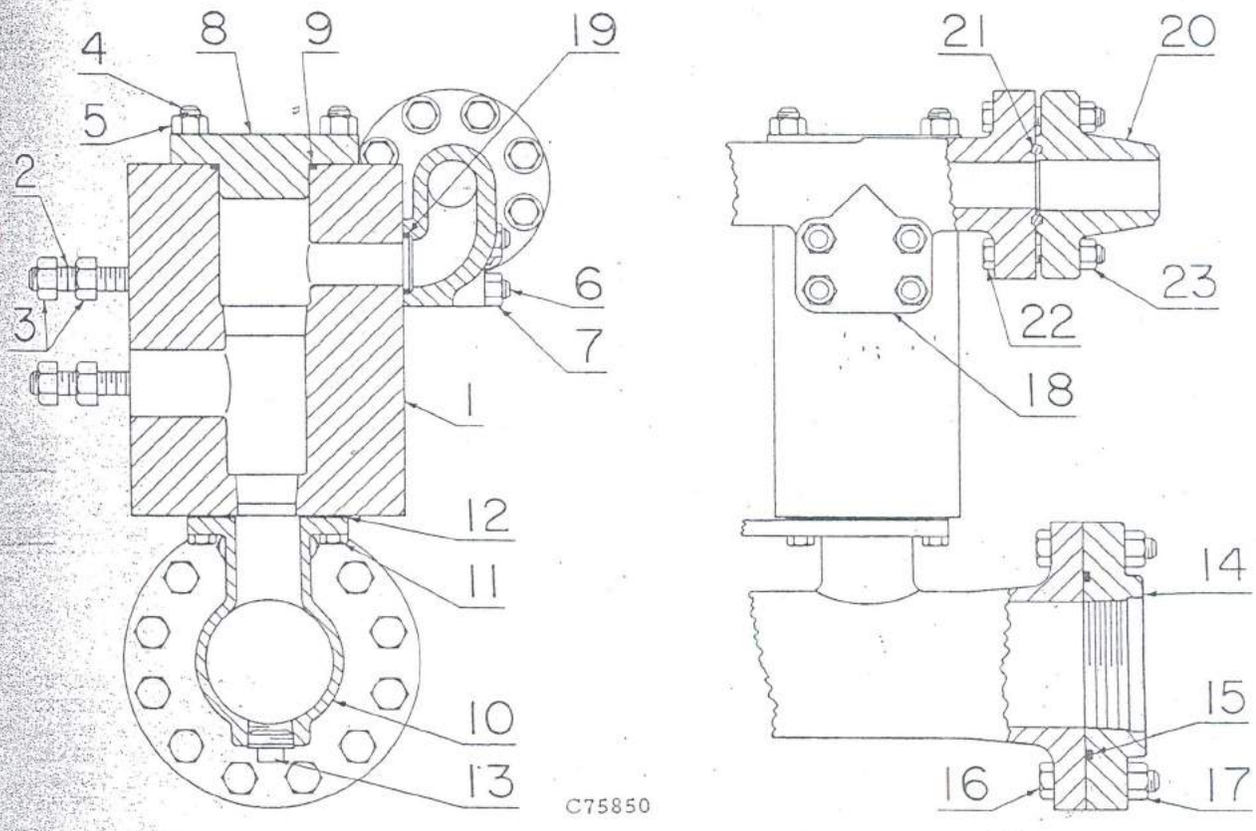
* Fluid cylinders originally furnished for Models PA8W and PAHAB are no longer available. For repair order 200PAH029C Cylinder Assembly. Construction will then be as shown on page 23.

Order by Part Number and Description. Reference Numbers for your convenience only.

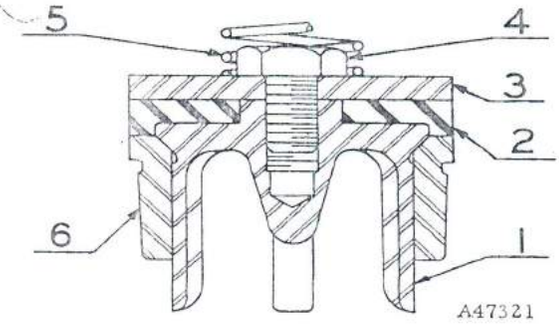


Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHAD PAHAE PAHAJ PAHAK
	FLUID CYLINDER - Individual HP Block Steel		Part No.
1	ASM FLUID CYLINDER, Incl. Ref. #2, 3, 4, 5 & 23	3	200PJH029F
2	STUD, Cylinder to Frame	18	79AJ2
3	NUT, Cylinder to Frame & Liner Clamp.	30	50B35
4	SPACER	6	2011824
5	STUD, Discharge Manifold	12	79L142
6	LOCK-COVER	6	3PA587
7	COVER-VALVE	6	200PJH147
8	GASKET, Valve Cover	6	200PJH715
9	BUSHING, Discharge Valve Cover	3	2013547
10	RETAINER, Suction Valve Guide	3	200PJH205
11	GUIDE-VALVE, Suction	3	200PJH483
12	MANIFOLD-SUCTION	1	4PA110
13	PLUG-SqHd PIPE	1	64A9
14	SCREW, Suction Manifold to Cylinder	12	75A57N
15	GASKET, Suction Manifold to Cylinder 260207000051.	3	25G18 - MECA693
16	FLANGE-THREADED, Suction	1	64DA67
17	FLANGE-BLIND	1	64CB20
18	SCREW, Flange	24	75A215
19	NUT, Flange	24	50B8
20	GASKET, Flange to Manifold	2	25G39
21	MANIFOLD-DISCHARGE	1	200PJH071
22	GASKET, Manifold to Cylinder 260213000017	3	25AL54 - MECA242
23	NUT, Manifold to Cylinder Stud	12	50B9
24	FLANGE, Discharge	2	64EB37
25	GASKET, Discharge Flange	2	25BC42
26	SCREW, Discharge Flange	16	75A231
27	NUT, Discharge Flange	16	50B9

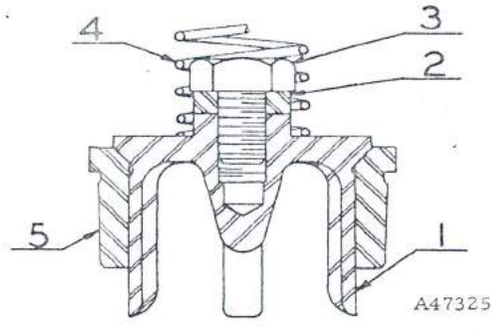
Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	Model PAHAG
	FLUID CYLINDER		Part No. (H.P. Block Steel)
1	ASM FLUID CYLINDER, Incl. Ref. #2 thru 7	3	200PAH029B
2	STUD, Cylinder to Frame & Stuffing Box	18	79AJ2
3	NUT, Cylinder to Frame & Stuffing Box Stud	36	50B35
4	STUD, Valve Cover	18	79L71
5	NUT, Valve Cover Stud	18	50B33
6	STUD, Cylinder to Discharge Manifold	12	79L142
7	NUT, Cylinder to Discharge Manifold Stud	12	50B9
8	COVER-VALVE	3	7PA147
9	GASKET, Valve Cover	3	25AL36
10	MANIFOLD-SUCTION	1	3PA110
11	SCREW, Suction Manifold to Cylinder	12	75A57
12	GASKET, Suction Manifold to Cylinder	3	25C2023
13	PLUG-SqHd PIPE, Suction Manifold	1	64A9
14	FLANGE-SUCTION	2	64DA47
15	GASKET, Suction Flange	2	25AL28
16	SCREW, Suction Flange	24	75A153
17	NUT, Suction Flange Screw	24	50B10
18	MANIFOLD-DISCHARGE	1	200PJH071
19	GASKET, Cylinder to Discharge Manifold	3	25AL54
20	FLANGE, Discharge Manifold	2	64EB37
21	GASKET, Discharge Manifold Flange	2	25BC42
22	SCREW, Discharge Manifold Flange	16	75A231
23	NUT, Discharge Manifold Flange Screw	16	50B9



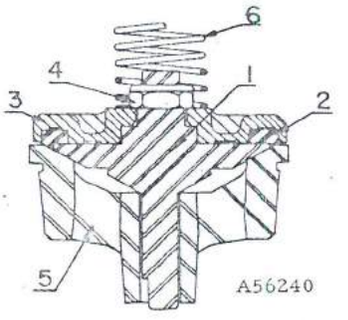
Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8C PA8E	Models PA8H PA8K PA8L PA8Q	Models PA8R PA8S PA8U PA8Y
	SUCTION & DISCHARGE VALVE WING GUIDED - HARDENED STEEL (WITH INSERT)		Part No.	Part No.	
	VALVE GROUP (For reference only)		11EF206C	11EF206E	
	ASM VALVE, Incl. Ref. #1 thru 4	6	11EF206A	11EF206A	
1	VALVE-FLUID	6	11EF206	11EF206	
2	INSERT	6	5EF254	5EF452	
3	WASHER	6	95D53	95D53	
4	STUD	6	5EF156	5EF156	
5	SPRING	6	78A298	78A298	
6	SEAT	6	1EF39	4PA39	



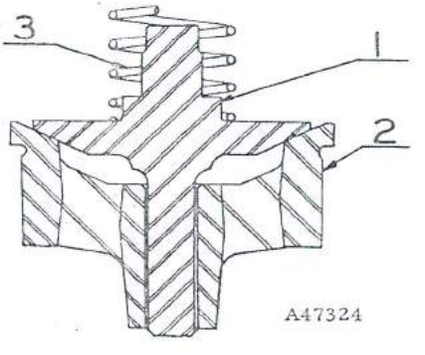
	SUCTION & DISCHARGE VALVE WING GUIDED - HARDENED STEEL (WITHOUT INSERT)				
	VALVE GROUP (For reference only)		11EF206D	11EF206F	
	ASM VALVE, Incl. Ref. #1, 2 & 3	6	11EF206B	11EF206B	
1	VALVE-FLUID	6	11EF206	11EF206	
2	WASHER	6	95D136	95D136	
3	STUD	6	5FF156	5FF156	
4	SPRING	6	78A299	78A299	
5	SEAT	6	1EF39	4PA39	

PULLER-VALVE (For Above Valves) AUX545X

Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8C PA8E	Models PA8H PA8K PA8L PA8Q	Models PA8R PA8S PA8U PA8Y
	SUCTION & DISCHARGE VALVE CENTER GUIDED - HARDENED STEEL (WITH RUBBER INSERT)		Part No.	Part No.	
	VALVE GROUP (For reference only)		EF482A	EF482H	
	ASM VALVE, Incl. Ref. #1 thru 4	6	EF482G	EF482G	
1	VALVE-FLUID	6	EF482	EF482	
2	INSERT, Rubber *	6	7EF452	7EF452	
3	WASHER	6	3EF279	3EF279	
4	NUT	6	50V50	50V50	
5	SEAT	6	EF451	PA451	
6	SPRING	6	78A298	78A298	

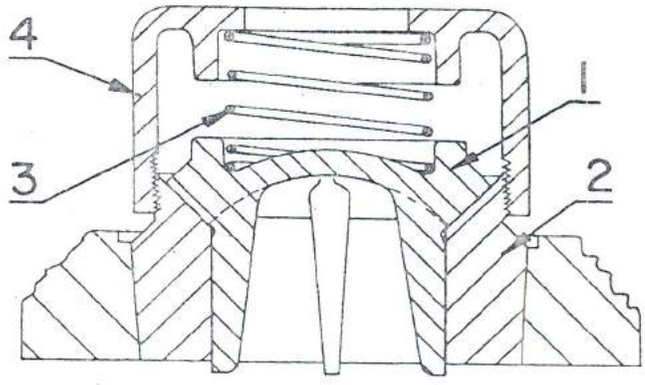


	SUCTION & DISCHARGE VALVE CENTER GUIDED - HARDENED STEEL (WITHOUT INSERT)				
	VALVE GROUP (For reference only)		EF482B	EF482D	
1	VALVE-FLUID	6	EF482	EF482	
2	SEAT	6	EF451	PA451	
3	SPRING	6	78A299	78A299	

* Rubber insert is standard, however, Urethane Insert 6EF452 is available at extra cost.

PULLER-VALVE (For Above Valves) PA219A

Order by Part Number and Description. Reference Numbers for your convenience only.



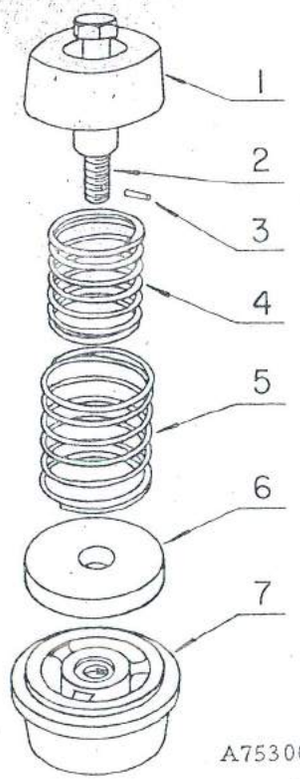
A56557

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8N PAHAA	Models PA8W PA8X PAHAB PAHAC PAHAG PAHAH
	SUCTION VALVE WING GUIDED ALUMINUM BRONZE (WITHOUT INSERT)		Part No.	Part No.
	ASM VALVE (Complete)	3	3PA206A	PT206B
1	VALVE-FLUID	3	3PA206	PT206
2	SEAT	3	11PA39	PT39
3	SPRING	3	78H29	78H22
4	CAGE-VALVE	3	1PA104	4PT104
	PULLER-VALVE		2012173	2012170

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8N PA8W PA8X PAHAA PAHAB	Models PAHAC PAHAF PAHAG PAHAH
	DISCHARGE VALVE WING GUIDED - ALUMINUM BRONZE (WITHOUT INSERT)		Part No.	
	ASM VALVE (Complete)	3	3PA206A	
1	VALVE-FLUID	3	3PA206	
2	SEAT	3	11PA39	
3	SPRING	3	78H29	
4	CAGE-VALVE	3	1PA104	
	PULLER-VALVE		2012173	

Order by Part Number and Description. Reference Numbers for your convenience only.

DELRIN DISC FLUID VALVES FOR L.P. CAST ALUMINUM BRONZE CYLINDERS

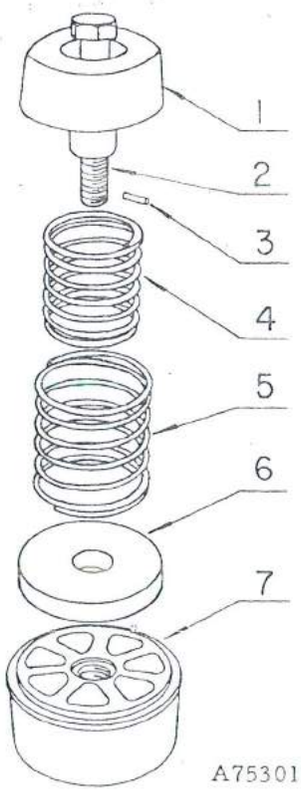


Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8J PA8N PAHAA PAHAF Alum. Bronze Seat & Retainer	Stainless Steel Seat & Retainer	Monel Seat & Retainer
	SUCTION & DISCHARGE VALVE		Part No.	Part No.	Part No.
	ASM FLUID VALVE, Incl. Ref. #1 thru 7	6	200VLH482	201VLH482	202VLH482
1	RETAINER	6	2010582	2010583	2010584
2	FASTENER	6	2010598	2010598	2010598
3	THREAD LOCK PLUG	6	2010602	2010602	2010602
4	SPRING (Inner)	6	2010604	2010604	2010604
5	SPRING (Outer)	6	2010607	2010607	2010607
6	PLATE-VALVE	6	2010611	2010611	2010611
7	SEAT-VALVE	6	2010623	2010624	2010625

NOTE: Valve Seat Puller Kit TAE66650 for Models listed above includes (1) 100E3 Puller and (1) 100E6 Suction and Discharge Valve Puller Head. Puller Kit not furnished with pump.

Order by Part Number and Description. Reference Numbers for your convenience only.

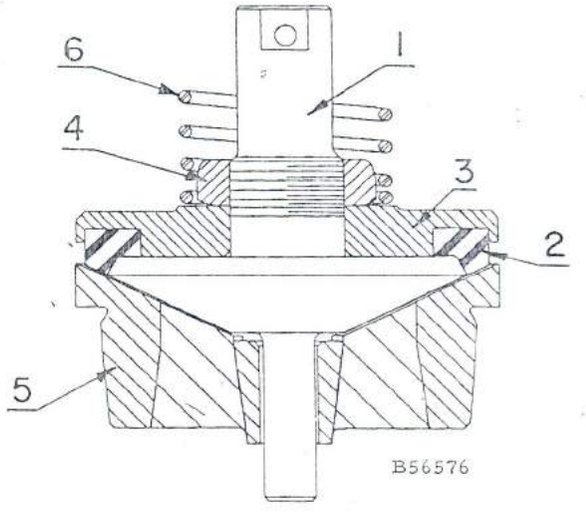
DELRIN DISC FLUID VALVES FOR MODELS PA8W, PAHAB & PAHAG (H.P. BLOCK STEEL CYLINDERS) AND MODELS PA8X, PAHAC & PAHAH (H.P. BLOCK ALUMINUM BRONZE CYLINDERS)



Ref. No.	Name of Part	Qty. Req. Per Pump	Alum. Bronze Seat & Retainer	Stainless Steel Seat & Retainer	Monel Seat & Retainer
	SUCTION VALVE		Part No.	Part No.	Part No.
	ASM FLUID VALVE, Incl. Ref. #1 thru 7	3	200VHF482	201VHF482	202VHF482
1	RETAINER	3	2010585	2010586	2010587
2	FASTENER	3	2010598	2010598	2010598
3	THREAD LOCK PLUG . . .	3	2010602	2010602	2010602
4	SPRING (Inner)	3	2010605	2010605	2010605
5	SPRING (Outer)	3	2010608	2010608	2010608
6	PLATE-VALVE	3	2010612	2010612	2010612
7	SEAT-VALVE	3	2010647	2010648	2010649
	DISCHARGE VALVE				
	ASM FLUID VALVE, Incl. Ref. #1 thru 7	3	200VHH482	201VHH482	202VHH482
1	RETAINER	3	2010582	2010583	2010584
2	FASTENER	3	2010598	2010598	2010598
3	THREAD LOCK PLUG	3	2010602	2010602	2010602
4	SPRING (Inner)	3	2010604	2010604	2010604
5	SPRING (Outer)	3	2010607	2010607	2010607
6	PLATE-VALVE	3	2010611	2010611	2010611
7	SEAT-VALVE	3	2010641	2010642	2010643

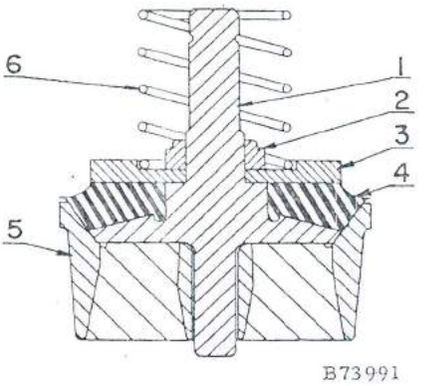
NOTE: Valve Seat Puller Kit TAE66654 for Models listed above includes (1) 100E3 Puller and (1) 100E8 Suction and Discharge Valve Puller Head and (1) 75P2 Screw. Puller Kit not furnished with pump.

Order by Part Number and Description. Reference Numbers for your convenience only.



B56576

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHAD PAHAE PAHAJ PAHAK
	CARBO-CLAD VALVE WITH URETHANE INSERT		Part No.
	VALVE GROUP (For reference only)		6PO482B
	ASM FLUID VALVE, Incl. Ref. #1 thru 4	6	6PO482A
1	VALVE-FLUID	6	6PO482
2	INSERT-URETHANE	6	4PO452
3	WASHER-VALVE	6	9PO279
4	LOCKNUT	6	50V51
5	SEAT-VALVE	6	1PO451
6	SPRING	6	78A267

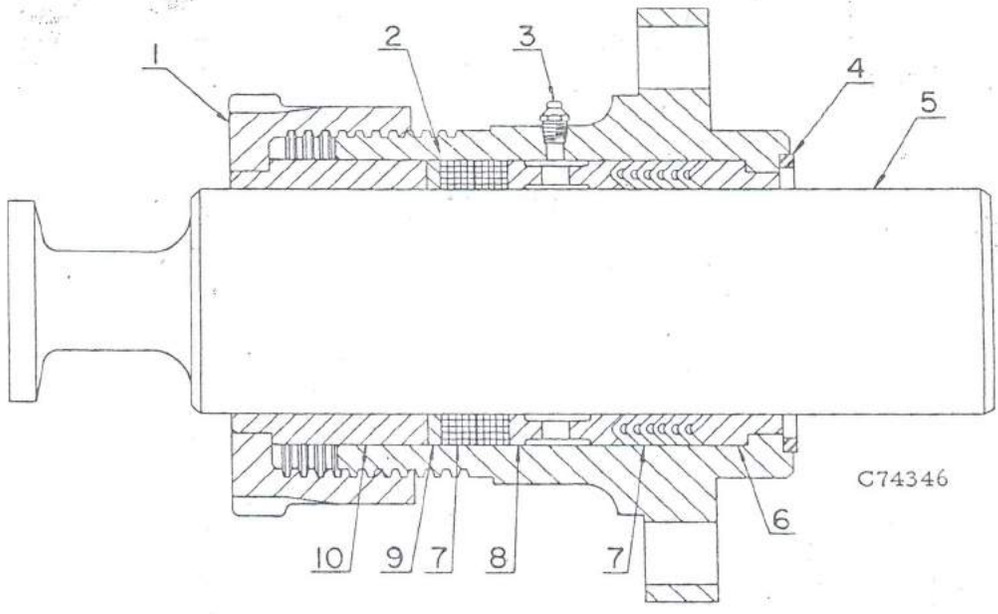


B73991

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHAD PAHAE PAHAJ PAHAK
	THREE RIB VALVE ASSEMBLY WITH URETHANE INSERT (STANDARD EQUIPMENT)		Part No.
	VALVE GROUP (For reference only)		PJ482B
	ASM FLUID VALVE, Incl. Ref. #1 thru 4	6	PJ482A
1	VALVE-FLUID	6	PJ482
2	LOCKNUT	6	50V51
3	WASHER-VALVE	6	PJ279
4	INSERT-URETHANE	6	PJ452
5	SEAT-VALVE	6	PJ451
6	SPRING	6	78H23

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHAD PAHAE PAHAJ PAHAK
	THREE RIB VALVE ASSEMBLY WITH RUBBER INSERT (OPTIONAL EQUIPMENT)		Part No.
	VALVE GROUP (For reference only)		2005343
	ASM FLUID VALVE, Incl. Ref. #1 thru 4	6	2005341
1	VALVE-FLUID	6	PJ482
2	LOCKNUT	6	50V51
3	WASHER-VALVE	6	PJ279
4	INSERT-RUBBER	6	2005342
5	SEAT-VALVE	6	PJ451
6	SPRING	6	78H23

Order by Part Number and Description. Reference Numbers for your convenience only.



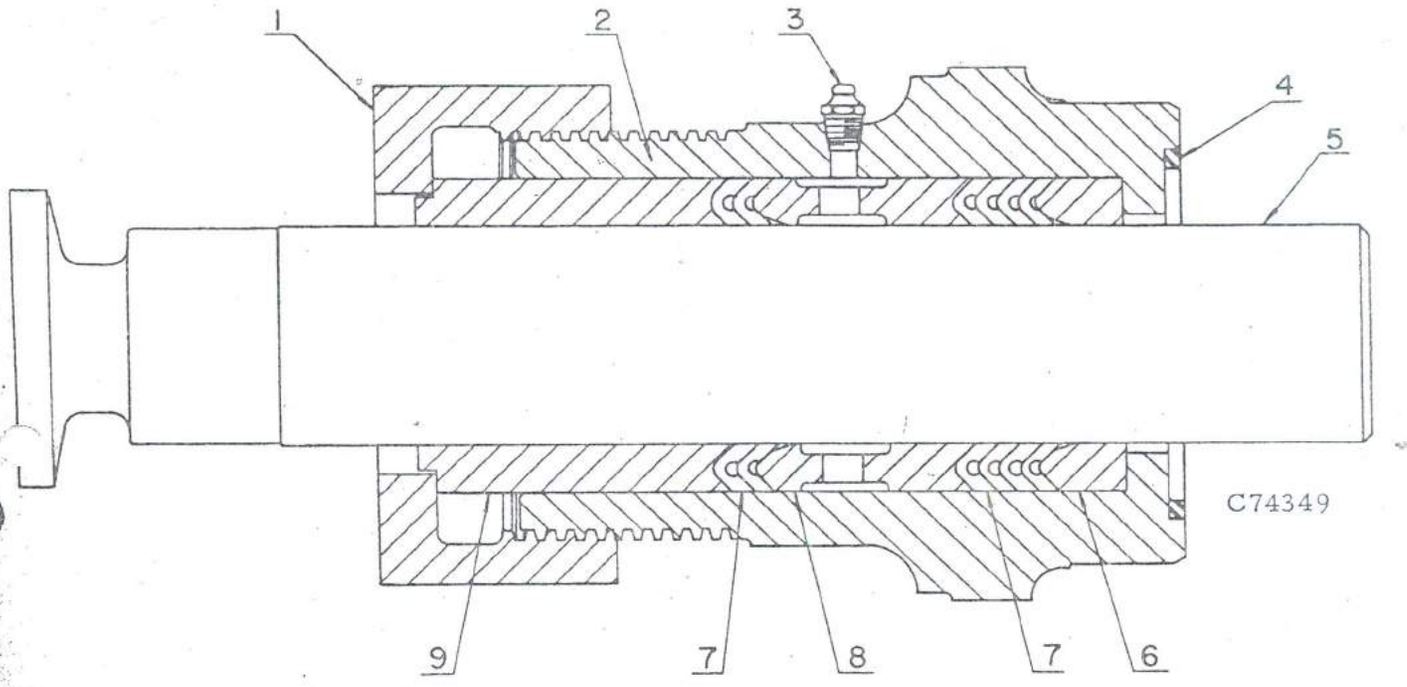
91

Ref. No.	Name of Part	Qty. Req. Per Pump	MODELS PA8C, PA8E & PA8H 4-1/2"	4"	3-1/2"
	STUFFING BOX & PLUNGERS		Part No.	Part No.	Part No.
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	5PA14A	6PA14A	7PA14A
1	GLAND *	3	2PA113	2PA113	2PA113
2	BOX-STUFFING (Steel)	3	5PA14	6PA14	7PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	PA3845	PA3840	PA3835
5	PLUNGER (Colmonoy)	3	1PA3845	1PA3840	1PA3835
5	PLUNGER (Hardened Steel)	3	2PA3845	2PA3840	2PA3835
	PACKING - CHEVRON TYPE				
	ASM PACKING, Incl. Ref. #6 thru 10	3	PA1600	1PA1600	2PA1600
6	RING-JUNK	3	2PA317	3PA317	4PA317
7	PACKING **	3	60BS3	60BS4	60BS5
8	SPACER-LANTERN	3	2PA445	3PA445	4PA445
9	SPACER	3	PA960	1PA960	2PA960
10	BUSHING-GLAND	3	2PA152	3PA152	4PA152

* For Stuffing Box Gland Wrence order PA1335.

** Includes both square and chevron type packing, sufficient quantity of material for (1) one packing box.

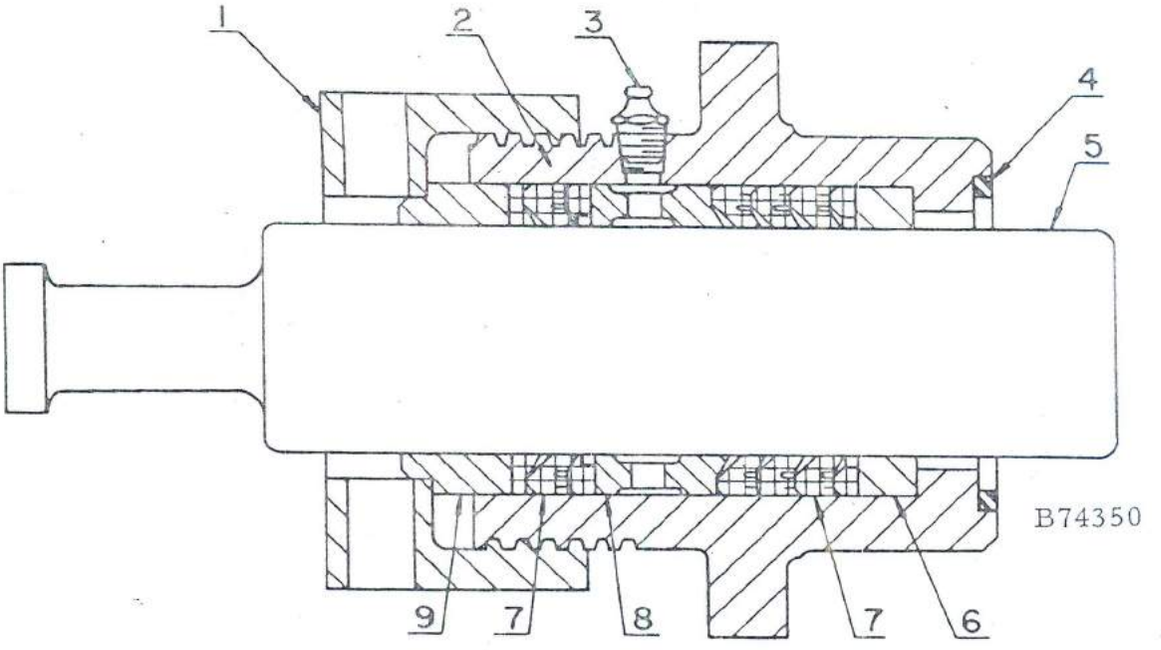
Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	MODEL PA8J 4-1/2"	4"	3-1/2"
	STUFFING BOX & PLUNGERS		Part No.	Part No.	Part No.
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	2PA14A	3PA14A	4PA14A
1	GLAND *	3	2PA113	2PA113	2PA113
2	BOX-STUFFING (Bronze)	3	2PA14	3PA14	4PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	PA3845	PA3840	PA3835
5	PLUNGER (Colmonoy)	3	1PA3845	1PA3840	1PA3835
5	PLUNGER (Hardened Steel) . . .	3	2PA3845	2PA3840	2PA3835
	PACKING - CHEVRON TYPE				
	ASM PACKING, Incl. Ref. #6 thru 9	3	5PA1600	6PA1600	7PA1600
6	RING-JUNK	3	2PA317	PE317	1PE317
7	PACKING	3	60AE28	60AE29	60AE30
8	SPACER-LANTERN	3	5PA445	7PE445	8PE445
9	BUSHING-GLAND	3	5PA152	6PA152	7PA152

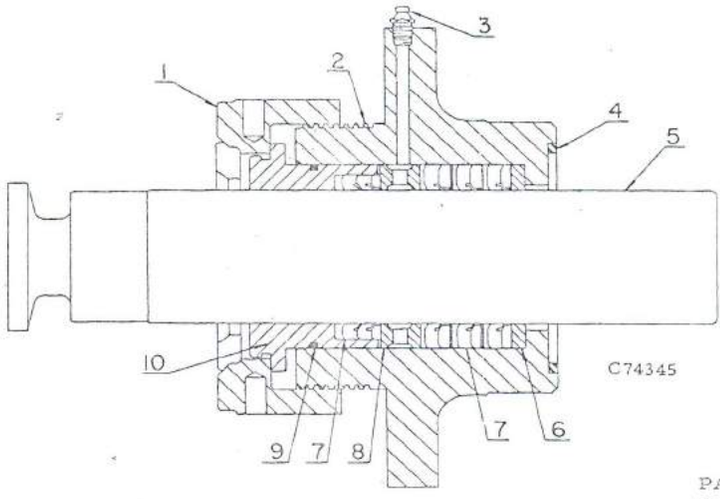
* For Stuffing Box Gland Wrench order PA1335.

Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	MODELS PA8K, PA8L & PA8Q 4-1/2"	4"	3-1/2"
	STUFFING BOX & PLUNGERS		Part No.	Part No.	Part No.
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	8PA14A	9PA14A	10PA14A
1	GLAND	3	6PA113	6PA113	6PA113
2	BOX-STUFFING (Steel) . .	3	8PA14	9PA14	10PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	4PA3845	5PA3840	4PA3835
5	PLUNGER (Colmonoy) . . .	3	5PA3845	6PA3840	5PA3835
5	PLUNGER (Hardened Steel) .	3	3PA3845	4PA3840	3PA3835
	PACKING - UNIVERSAL				
	ASM PACKING, Incl. Ref. #6 thru 9	3	11PA1600	16PA1600	14PA1600
6	RING-JUNK	3	7PA317	11PA317	10PA317
7	PACKING	3	60BU11	60BU9	60BU8
8	SPACER-LANTERN	3	10PA445	9PA445	8PA445
9	BUSHING-GLAND	3	10PA152	13PA152	11PA152

Order by Part Number and Description. Reference Numbers for your convenience only.

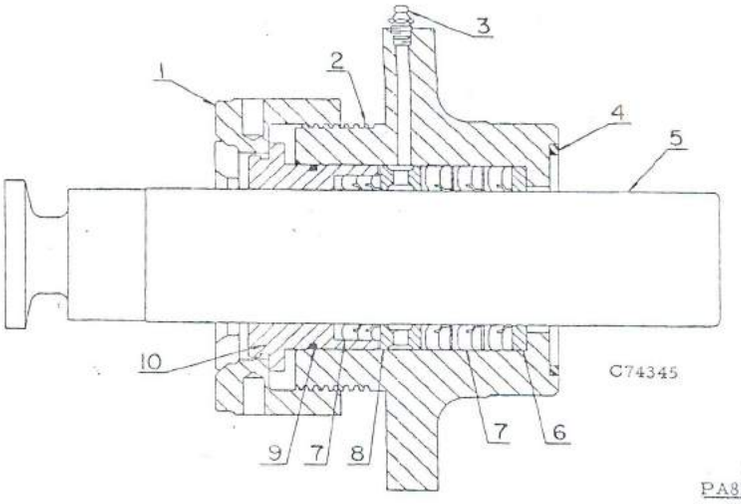


Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8R PAHAD PA8S PAHAE PA8U PAHAL PA8Y PAHAK 4-1/2"	4"	3-1/2"
	STUFFING BOX & PLUNGERS		Part No.	Part No.	Part No.
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	8PA14A	9PA14A	10PA14A
1	GLAND	3	6PA113	6PA113	6PA113
2	BOX-STUFFING (Steel)	3	8PA14	9PA14	10PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	4PA3845	5PA3840	4PA3835
5	PLUNGER (Colmonoy)	3	5PA3845	6PA3840	5PA3835
5	PLUNGER (Hardened Steel)	3	3PA3845	4PA3840	3PA3835
	PACKING - UNIVERSAL				
	ASM PACKING, Incl. Ref. #6 thru 10	3	38PA160045	38PA160040	38PA160035
6	RING-JUNK	3	PO31745	PO31740	PO31735
7	PACKING SET, Incl. Ref. #9 *	3	60BU93	60BU91	60BU90
8	SPACER-LANTERN	3	PO44545	PO44540	PO44535
9	O-RING *	3	25AA32	25AA28	25AA24
10	BUSHING-GLAND	3	29PA15245	29PA15240	29PA15235

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8W, PAHAB & PAHAG 3"	2-1/2"	2"
	STUFFING BOX & PLUNGERS				
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	29PA14A	30PA14A	27PA14A
1	GLAND **	3	6PA113	6PA113	6PA113
2	BOX-STUFFING (Steel)	3	29PA14	30PA14	27PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	PA3830	PA3825	PA3820
5	PLUNGER (Colmonoy)	3	1PA3830	1PA3825	1PA3820
5	PLUNGER (Hardened Steel)	3	2PA3830	2PA3825	2PA3820
	PACKING - UNIVERSAL				
	ASM PACKING, Incl. Ref. #6 thru 10	3	38PA160030	38PA160025	38PA160020
6	RING-JUNK	3	PO31730	PO31725	PO31720
7	PACKING SET, Incl. Ref. #9 *	3	60BU108	60BU119	60BU146
8	SPACER-LANTERN	3	PO44530	PO44525	PO44520
9	O-RING *	3	25AA20	25AA16	25AA12
10	BUSHING-GLAND	3	29PA15230	29PA15225	29PA15220

* O-Ring included in packing set but may be purchased separately.
** For Stuffing Box Gland Wrench order PA1335.

Order by Part Number and Description. Reference Numbers for your convenience only.

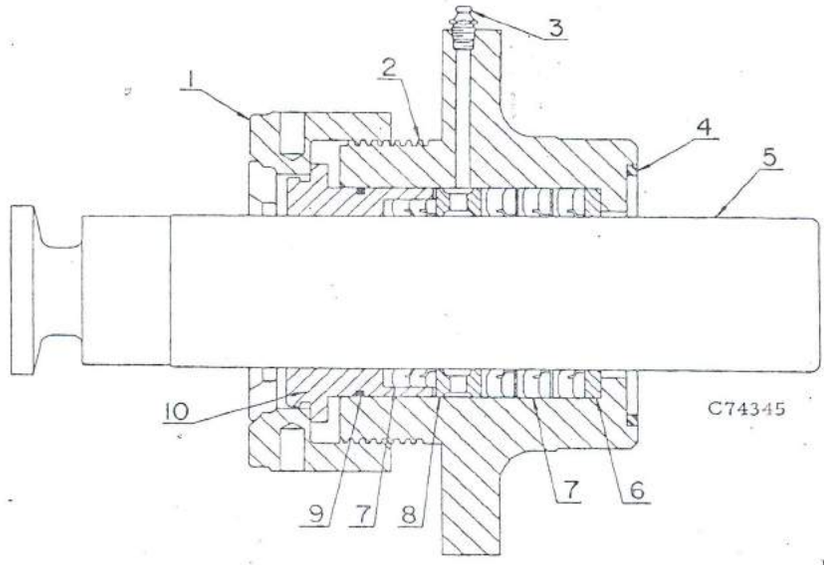


Ref. No.	Name of Part	Qty. Req. Per Pump	4-1/2"	4"	3-1/2"
			Models PA8R PA8S PA8U PA8Y	PAHAD PAHAE PAHAJ PAHAK	
	STUFFING BOX & PLUNGERS		Part No.	Part No.	Part No.
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	8PA14A	9PA14A	10PA14A
1	GLAND	3	6PA113	6PA113	6PA113
2	BOX-STUFFING (Steel)	3	8PA14	9PA14	10PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	4PA3845	5PA3840	4PA3835
5	PLUNGER (Colmonoy)	3	5PA3845	6PA3840	5PA3835
5	PLUNGER (Hardened Steel)	3	3PA3845	4PA3840	3PA3835
	PACKING - UNIVERSAL				
	ASM PACKING, Incl. Ref. #6 thru 10	3	38PA160045	38PA160040	38PA160035
6	RING-JUNK	3	PO31745	PO31740	PO31735
7	PACKING SET, Incl. Ref. #9 *	3	60BU93	60BU91	60BU90
8	SPACER-LANTERN	3	PO44545	PO44540	PO44535
9	O-RING *	3	25AA32	25AA28	25AA24
10	BUSHING-GLAND	3	29PA15245	29PA15240	29PA15235

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8w, PAHAB & PAHAG 3"	2-1/2"	2"
	STUFFING BOX & PLUNGERS				
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	29PA14A	30PA14A	27PA14A
1	GLAND **	3	6PA113	6PA113	6PA113
2	BOX-STUFFING (Steel)	3	29PA14	30PA14	27PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
5	PLUNGER (Ceramic)	3	PA3830	PA3825	PA3820
5	PLUNGER (Colmonoy)	3	1PA3830	1PA3825	1PA3820
5	PLUNGER (Hardened Steel)	3	2PA3830	2PA3825	2PA3820
	PACKING - UNIVERSAL				
	ASM PACKING, Incl. Ref. #6 thru 10	3	38PA160030	38PA160025	38PA160020
6	RING-JUNK	3	PO31730	PO31725	PO31720
7	PACKING SET, Incl. Ref. #9 *	3	60BU108	60BU119	60BU146
8	SPACER-LANTERN	3	PO44530	PO44525	PO44520
9	O-RING *	3	25AA20	25AA16	25AA12
10	BUSHING-GLAND	3	29PA15230	29PA15225	29PA15220

* O-Ring included in packing set but may be purchased separately.
** For Stuffing Box Gland Wrench order PA1335.

Order by Part Number and Description. Reference Numbers for your convenience only.



Ref. No.	Name of Part	Qty. Req. Per Pump	Models PA8X PAHAC PAHAH 3"	2-1/2"
	STUFFING BOX & PLUNGERS		Part No.	Part No.
	ASM STUFFING BOX, Incl. Ref. #1 thru 4	3	23PA14A	26PA14A
1	GLAND *	3	5PA113	5PA113
2	BOX-STUFFING (Bronze)	3	23PA14	26PA14
3	FITTING-GREASE	3	40E7	40E7
4	GASKET	3	25AL22	25AL22
5	PLUNGER (Ceramic)	3	PA3830	PA3825
5	PLUNGER (Colmonoy	3	1PA3830	1PA3825
5	PLUNGER (Hardened Steel)	3	2PA3830	2PA3825
	PACKING - UNIVERSAL			
	ASM PACKING, Incl. Ref. #6 thru 10	3	38PA160030	38PA160025
6	RING-JUNK	3	PO31730	PO31725
7	PACKING SET, Incl. Ref. #9 **	3	60BU108	60BU119
8	SPACER-LANTERN	3	PO44530	PO44525
9	O-RING **	3	25AA20	25AA16
10	BUSHING-GLAND	3	29PA15230	29PA15225

* For Stuffing Box Gland Wrench order PA1335.
** O-Ring included in packing set but may be purchased separately.

Name of Part	Qty. Req. Per Pump	MODELS PA8C, PA8E, PA8H & PA8J 4-1/2"	4"	3-1/2"
20-1/2" PLUNGERS		Part No.	Part No.	Part No.
PLUNGER (Ceramic)	3	6PA3845	7PA3840	6PA3835
PLUNGER (Colmonoy)	3	7PA3845	8PA3840	7PA3835
PLUNGER (Hardened Steel)	3	8PA3845	9PA3840	8PA3835

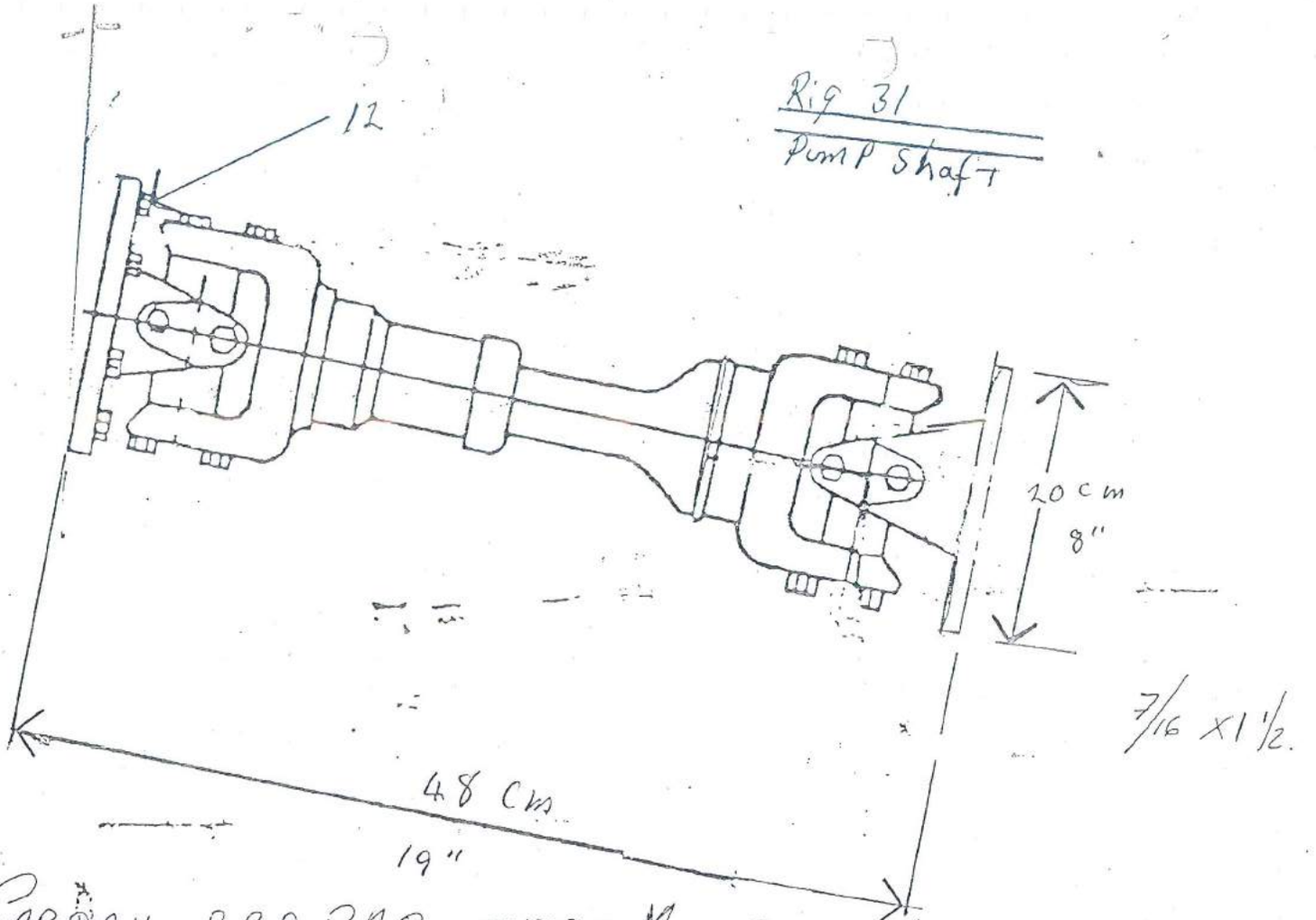
Plungers shown above are required when changing to new frame or cylinder for models listed.

PLUNGER WASHING PARTS
(OPTIONAL EQUIPMENT)

Name of Part	Qty. Req. Per Pump	All PA8 & PAH Models Part No.
ASM CRIVER SHEAVE (with Set Screw)	1	1PA1342A
SET SCREW (#10 x 7/16)	2	76F19N
BELT, Pump Drive (3V710)	1	13N7101
SHEAVE, Pump Drive	1	73N13V45
HUB, Sheave	1	22E9E
KEY, Pump Drive Sheave	1	35B375
PUMP, Rod Washer	1	46C14
SUPPORT, Rod Washing Pump	1	PA1290
SCREW, Pump to Support (3/8 x 1-3/4)	4	75A9
WASHER-LOCK	4	95B3
NUT	4	50B3
PLATE-RETAINER, Pump	1	2PA1128
SCREW, Pump Support to Skid (1/2 x 1-3/4)	4	75A39
WASHER-LOCK	4	95B5
NUT	4	50B5
ASM TANK (Rod Washer), Incl. next 6 parts	1	PA252A
LID-TANK	1	PA253
PLUG, Tank Drain (1")	2	64A6
PIPE-OIL SUCTION	1	WAJ714
SCREEN-OIL	1	1WAJ511
SPRING, Oil Screen	1	78D17
CAP, Oil Suction Pipe (1/2")	1	64AD4
NIPPLE, Pump Suction	1	63E8
ELBOW, Reducing	2	64S2
HALF NIPPLE	4	63AJ6X44
HOSE, Pump Suction	1	R14F300
ELBOW, Pump Discharge Street	1	64D4
HOSE, Pump Discharge	1	R14F300
CLAMP-HOSE (Suction & Discharge)	4	29B35
MANIFOLD-OIL (Feed Pipe)	1	PA1255
CAP, Manifold	1	64AD4
CLAMP, Manifold	2	98A17
UNION	3	86A6
NUT, Tube Flare	3	86A7
TUBE (Makes 3 Pieces)	1	85D6B137
ELBOW	1	64C3
NIPPLE	1	63F21

Rig 31

Pump Shaft



CARDAN BBA PA8 ENTRE MOTOR y BBA

PLATINAS y CRUCETA 517.