Price $ 5.00

GARDNER-DENVER®

3-1-522
1st Edition

PAH__B

8" STROKE

TRIPLEX PLUNGER PUMP

Parts List

Gardner Denver

INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify complete eleven (11) character 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.

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.

INDEX

Connecting Rod 9
Crosshead 11
Crosshead Lubrication Piping 17
Eccentric Group 5
Extension Rod 11
Fluid Cylinder 12
Frame 4
Heat Exchanger 6, 7
Jackshaft & Bearing Group 10
Lubricator Group 18
Matrix/Menu 2
Oil Circulating Pump 8
Oil Filter 9
Oil Pump Piping 6, 7
Oil Stop Head 11
Ordering Instructions 1
Packing 14, 15
Pistons & Liners 16
Piston Lubricating Piping 20, 21
Piston Lubricating Pump 19
Plungers 14, 15
Plunger Washing Parts 22, 23
Puller, Crosshead Pin Bushing 24
Puller, Valve 24
Sectional View 3
Stuffing Box 14, 15
Valves 13

MINI-MATRIX
FOR
MODEL "PAH" 8" STROKE TRIPLEX PLUNGER PUMP
ELEVEN (11) CHARACTER MODEL DESIGNATIONS

NOTICE TO CUSTOMER – To find the construction options for your pump unit, FILL IN THE BALANCE OF LETTERS OR NUMBERS FROM YOUR UNIT NAMEPLATE . . . . . .

	P	A	H			B						
COLUMN NUMBER:	1	2	3	4	5	6	7	8	9	10	11

FOLLOW THE LINE DOWN AND OVER FROM EACH SPACE THUS FILLED IN TO FIND THE APPROPRIATE CONSTRUCTION OPTION WITH WHICH YOUR MACHINE IS EQUIPPED. THE NUMBER "9" IN ANY COLUMN SPACE INDICATES "NOT APPLICABLE". THE NUMBER "8" IN ANY COLUMN SPACE INDICATES SPECIAL DESIGN – REFER TO FACTORY ORDER TICKET.

COLUMNS 1, 2 & 3 – BASIC FAMILY
- Triplex Plunger Pump – 8" Stroke

COLUMN 4 – TYPE SERVICE, TYPE & MAXIMUM SIZE FLUID END, CONSTRUCTION
- A. Well Service – HP Block Steel 5" maximum Piston & Liner
- B. Well Service – HP Block Steel 4½" maximum Plunger & Packing
- C. Drilling Service – HP Block Steel 5" maximum Piston & Liner
- D. Drilling Service – HP Block Steel 4½" maximum Plunger & Packing

COLUMN 5 – SIZE SELECTIVE
- A. 5" (5" max. size only)
- B. 4½" (all sizes)
- C. 4" (all sizes)
- D. 3½" (5" & 4½" drilling services only)
- E. 3¼" (5" drilling services only) (Piston only)
- F. 3" (5" drilling service only) (Piston only)

COLUMN 6 – DESIGN VERSION

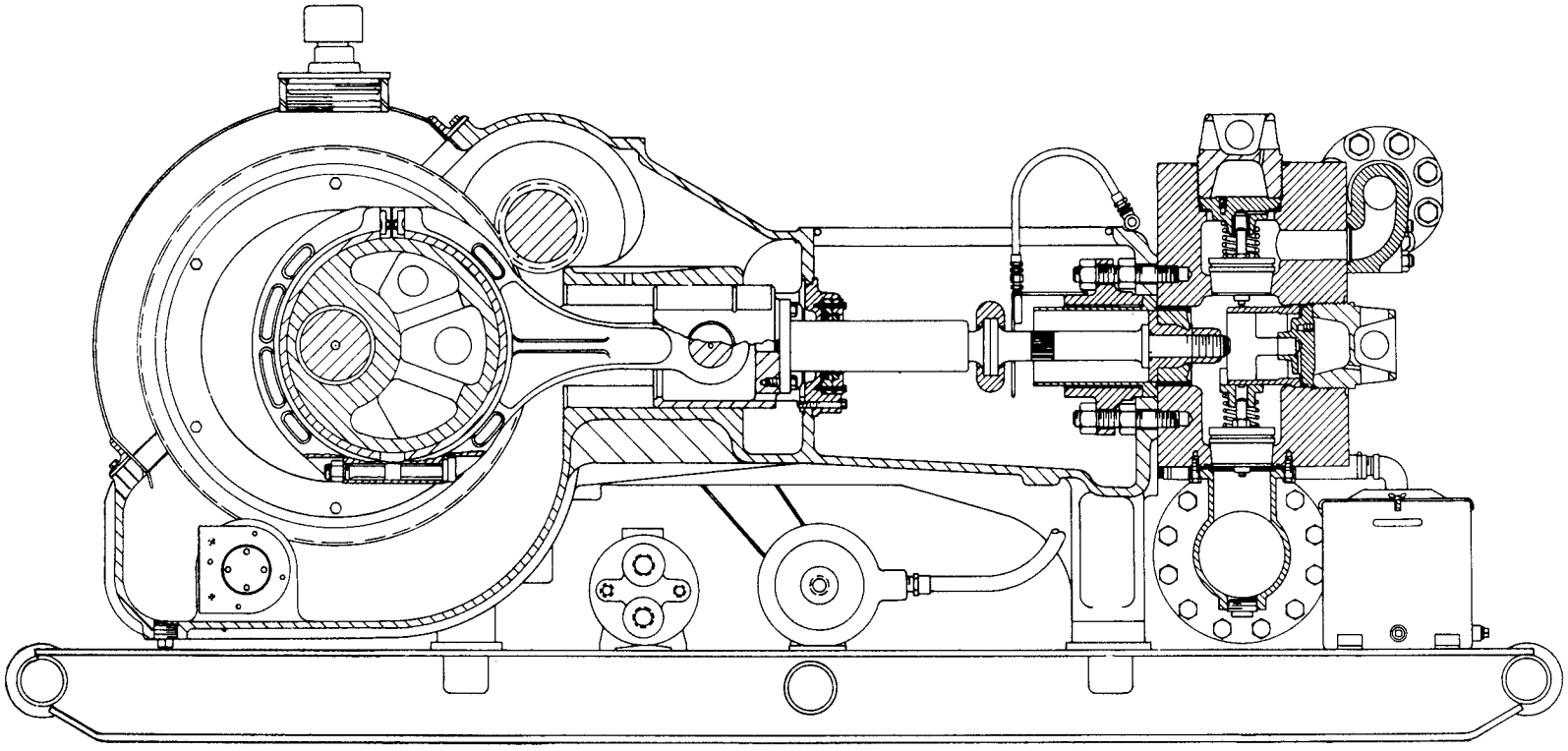
COLUMN 7 – STUFFING BOX OR LINER MATERIAL SELECTIVE
- A. Nodular Iron – Stuffing Box
- B. Chrome Plated – Liner

COLUMN 8 – PLUNGER MATERIAL OR PISTON TYPE SELECTIVE
- A. Colmonoy – Plunger
- B. Steel – Insert Type Piston

COLUMN 9 – PACKING TYPE SELECTIVE
- A. "J" Design – Nonadjustable (Standard drilling service)
- B. "S" Design – Nonadjustable (Standard well service)

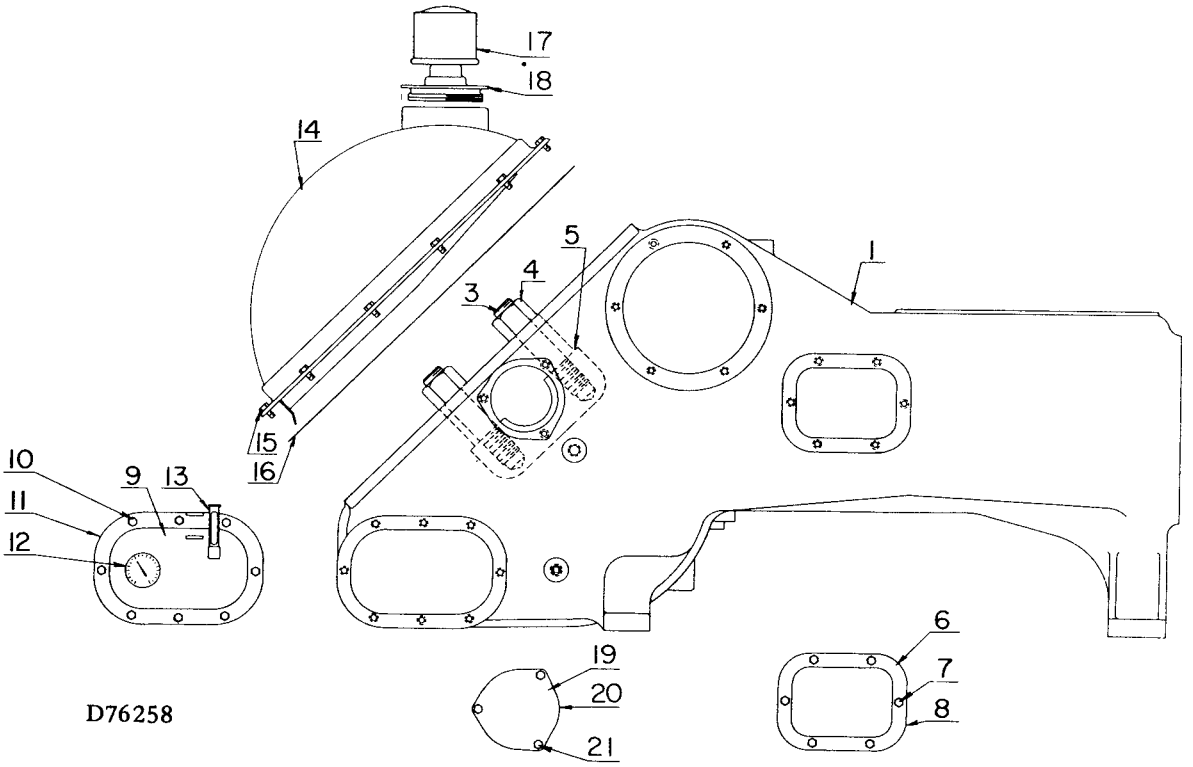
COLUMN 10 – FLUID VALVE SELECTIVE (SUCTION & DISCHARGE)
- A. Steel – Center Guided Type with Urethane Insert (standard)
- C. Steel – Center Guided Type with Rubber Insert

COLUMN 11 – OPTIONAL EQUIPMENT SELECTIVE



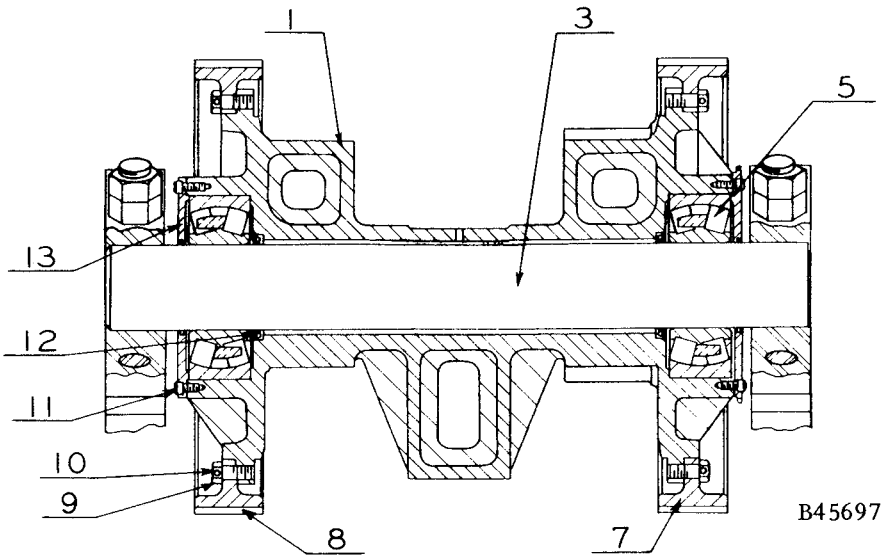
SECTIONAL VIEW "PAH" TRIPLEX PLUNGER PUMPS

D76257



Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models Part No.
	FRAME		
1	FRAME, Incl. Ref. No. 1 thru 5	1	200PAH001
3	STUD, Main Shaft Saddle	4	79L175
4	NUT, Main Shaft Saddle	4	50T3
5	SHIM, Main Shaft Saddle	4	77A322
Ø	PLUG-CSK. PIPE, Oil Drain	1	64B6
Ø	PLUG MAGNETIC, Oil Drain	3	66D13
Ø	SADDLE	2	2PA176
Ø	SCREW-SqHd, Main Shaft Locating	1	75P94
6	PLATE-INSPECTION, Crosshead	2	PE723
7	SCREW, Crosshead Inspection Plate	12	75A136
8	GASKET, Crosshead Inspection Plate	2	25C1941
9	PLATE-INSPECTION	1	PJ237
10	SCREW, Inspection Plate	8	75AA1
11	GASKET, Inspection Plate	1	1PJ715
12	GAUGE-TEMPERATURE	1	27H11
Ø	BUSHING-PIPE, Temperature Gauge	1	64E2
13	GAUGE-OIL LEVEL	1	40L17
Ø	PLUG-CSK PIPE, In Sides of Frame	2	64B3
14	HOOD	1	1PA246
15	SCREW, Hood to Frame	20	75AA1
16	GASKET, Hood	1	PJ715
17	BREATHER	1	5C24
18	COVER-FILLER	1	PJ880
19	PLATE, Eccentric Shaft	2	PA247
20	GASKET, Eccentric Shaft Plate	2	25C1869
21	SCREW, Eccentric Shaft Plate	6	75A136
Ø	PLATE-DATA	1	2006124
Ø	PLATE-NAME	1	PA454
Ø	SCREW, Plate	8	75K1

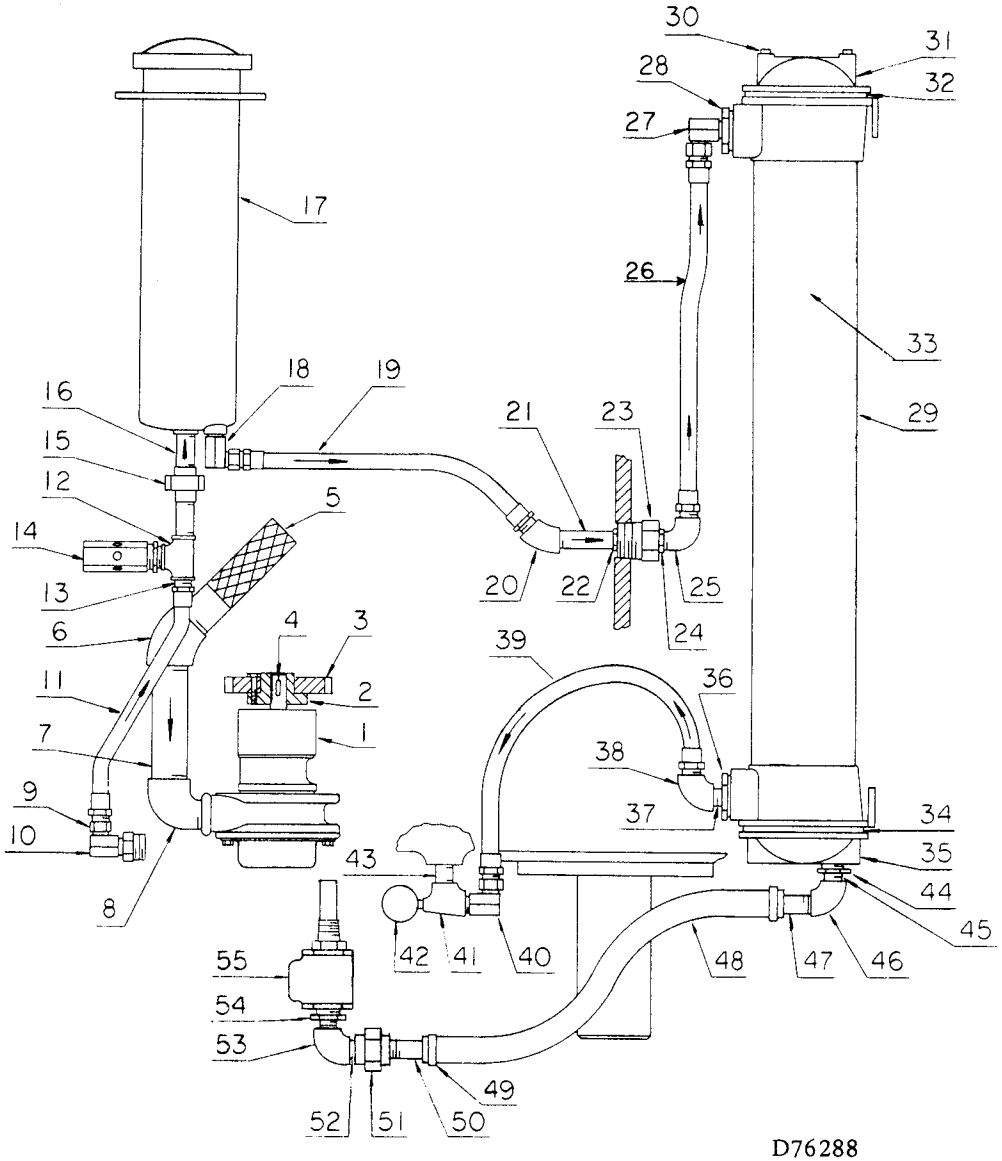
Ø Not shown on illustration.



Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	ECCENTRIC GROUP		Part No.
1	ECCENTRIC, Incl. Ref. No. 12	1	200PAH255
3	SHAFT-ECCENTRIC (with Plugs)	1	1PA367A
Ø	PLUG, Shaft Oil Line	2	64AC4
5	BEARING	2	12GC2
7	GEAR-DRIVEN (Right Side)*	1	2PA1293
8	GEAR-DRIVEN (Left Side)*	1	2PA1294
9	SCREW, Gear to Eccentric	10	75B43
Ø	SCREW, Gear Locating	2	75B88
10	WIRE	24"	97A29
11	SCREW, Plate to Eccentric	12	75B20
12	OIL SEAL, Incl. next item	2	1PA1062A
Ø	SEAL-QUAD RING	2	25AJ58
13	PLATE-BEARING RETAINER	2	2PA366
Ø	WIRE, Plate to Eccentric Shaft	72"	97A29

*To determine the Right Hand and Left Hand side of the pump, see ordering instructions on Page 1.

Ø Not shown on illustration.



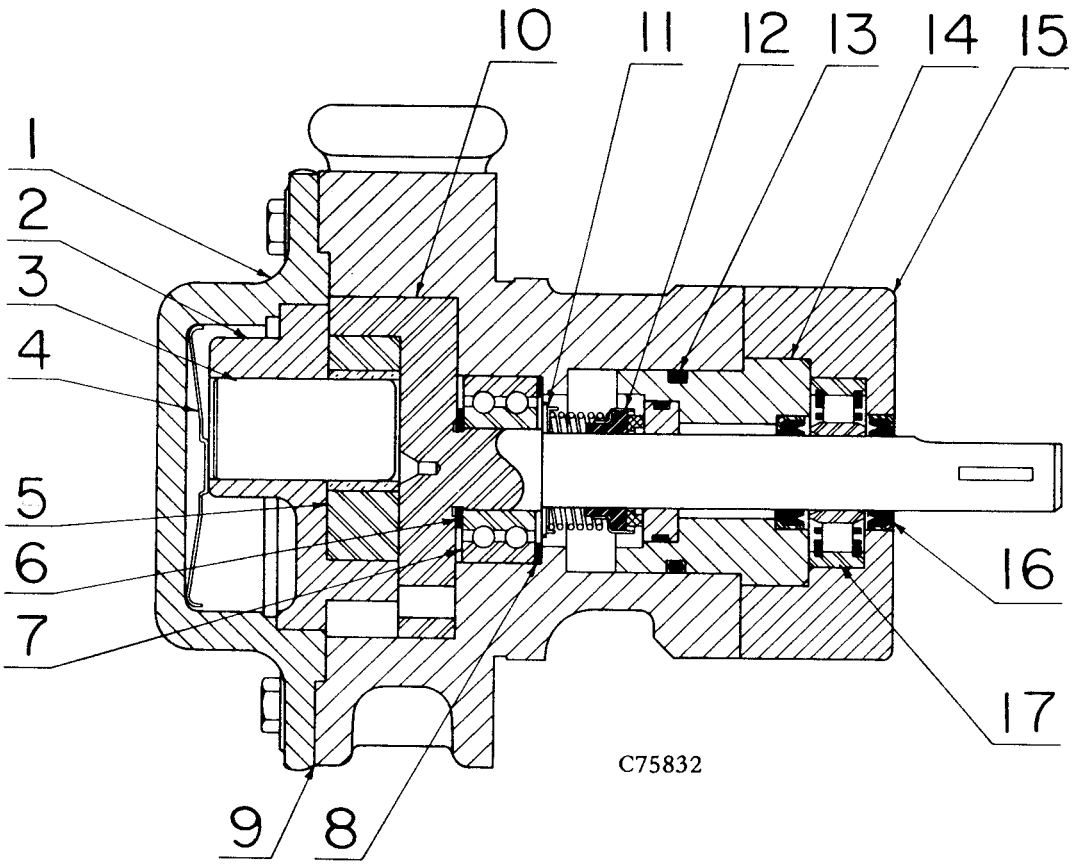
D76288

FOR LIST OF PARTS SEE PAGE 7.

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

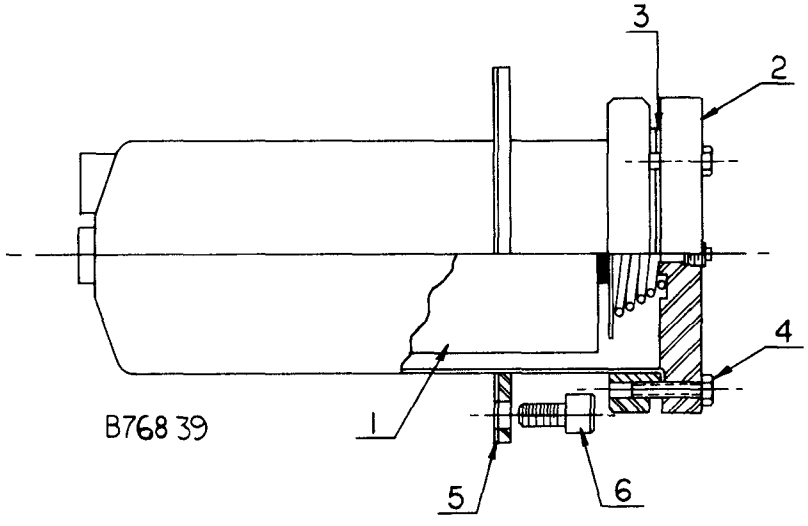
Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHA_B * PAHB_B * PAHC_B PAHD_B Part No.
	LUBRICATING OIL PUMP PIPING, HEAT EXCHANGER & FILTER		
1	OIL PUMP**	1	201PAH188
Ø	SCREW, Oil pump to Frame	4	75A98
2	BUSHING-HUB	1	22F12SD
3	GEAR-DRIVEN, Oil Pump	1	2013902
4	KEY-OIL PUMP	1	35D2
	(Suction Screen to Oil Pump)		
5	SCREEN-OIL	1	3WAJ511
6	ELBOW-PIPE	1	64V8
7	NIPPLE-PIPE	1	63K16
8	ELBOW-PIPE STREET	1	64U4
	(Oil Pump to Oil Filter)		
9	BUSHING-PIPE	1	64E16
10	ADAPTOR-HOSE, Swivel	1	29Q17
11	ASM HYDRAULIC HOSE	1	2009009
12	TEE-PIPE	1	64G7
13	NIPPLE-PIPE	1	63U12X13
14	VALVE-LIQUID RELIEF	1	90AR27
15	UNION-STRAIGHT	1	64Z10
16	NIPPLE-PIPE	2	63U12X44
17	FILTER-OIL ***	1	26C18
	(Filter to Frame Adaptor)		
18	ADAPTOR-HOSE, Swivel	1	29Q17
19	ASM HYDRAULIC HOSE	1	29R23
20	ELBOW-PIPE	1	64V5
21	NIPPLE-PIPE	1	63U12X40
22	BUSHING-PIPE	2	64R3
23	CONNECTOR, Frame	1	76AUX113
	(Frame Adaptor to Heat Exchanger)		
24	BUSHING-PIPE	1	64R3
25	ELBOW-PIPE STREET	1	64D6
26	ASM HYDRAULIC HOSE	1	29R106
27	ADAPTOR-HOSE, Swivel	1	29Q17
28	BUSHING-PIPE	1	64E9
29	HEAT EXCHANGER, Incl. next 6 items	1	2013457
30	ANODE-ZINC	2	2008266
31	BONNET-RETURN	1	2010323
32	GASKET-RETURN	1	2008272
33	ASM CORE	1	2010324
34	GASKET, 2-PASS	1	2010295
35	BONNET, 2-PASS	1	2010322
	(Heat Exchanger to Gauge)		
36	BUSHING-PIPE	1	64E9
37	NIPPLE-PIPE	1	63U12X13
38	ELBOW-PIPE	1	64C5
39	ASM HYDRAULIC HOSE	1	29N1
40	ADAPTOR-HOSE, Swivel	1	29Q17
41	TEE-PIPE	1	64P14
42	GAUGE-PRESSURE	1	27A121
43	NIPPLE-PIPE	1	63U12X20
	(Heat Exchanger to Water Control Valve)		
44	BUSHING-PIPE	1	64E29
45	NIPPLE-PIPE	1	63F21
46	ELBOW-PIPE	1	64C4
47	NIPPLE-PIPE, Half	1	63AJ8X40
48	HOSE-OIL	15"	R14G
49	CLAMP-HOSE	2	29B31
50	NIPPLE-PIPE, Half	1	63AJ8X40
51	UNION-STRAIGHT	1	64Z3
52	NIPPLE-PIPE	2	63F21
53	ELBOW-PIPE	1	64C4
54	BUSHING-PIPE	2	64E14
55	VALVE-THERMAL	1	90K165

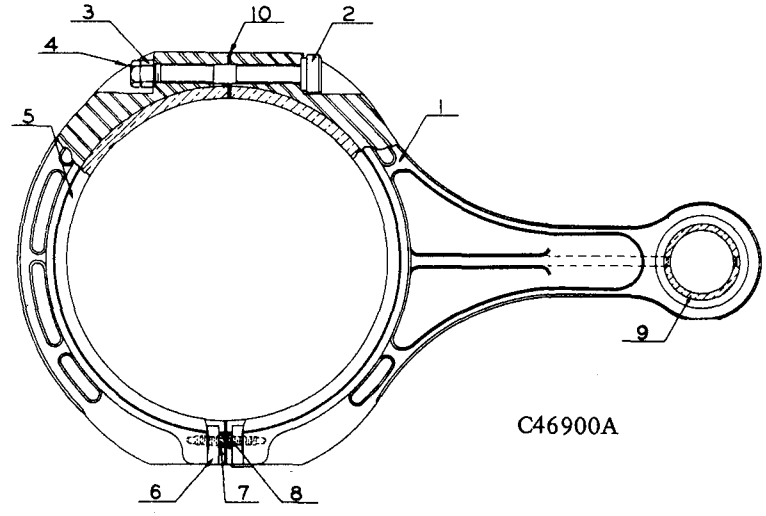
* Reference numbers 24 thru 55 are OPTIONAL EQUIPMENT for Models PAHA_B and PAHB_B.
** For component parts of Oil Pump see page 8.
*** For component parts of Oil Filter see page 9.
Ø Not shown on illustration.



Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	OIL CIRCULATING PUMP		Part No.
	OIL PUMP – COMPLETE	1	201PAH188
1	COVER	1	2010987
2	CARRIER-IDLER	1	2010988
3	PIN-IDLER	1	2010989
4	SPRING	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
Ø	VENT PLUG-SUCTION	1	2109000
Ø	VENT PLUG-DISCHARGE	1	2109001
Ø	WASHER, Vent Plug	2	2109002

Ø Not shown on illustration.

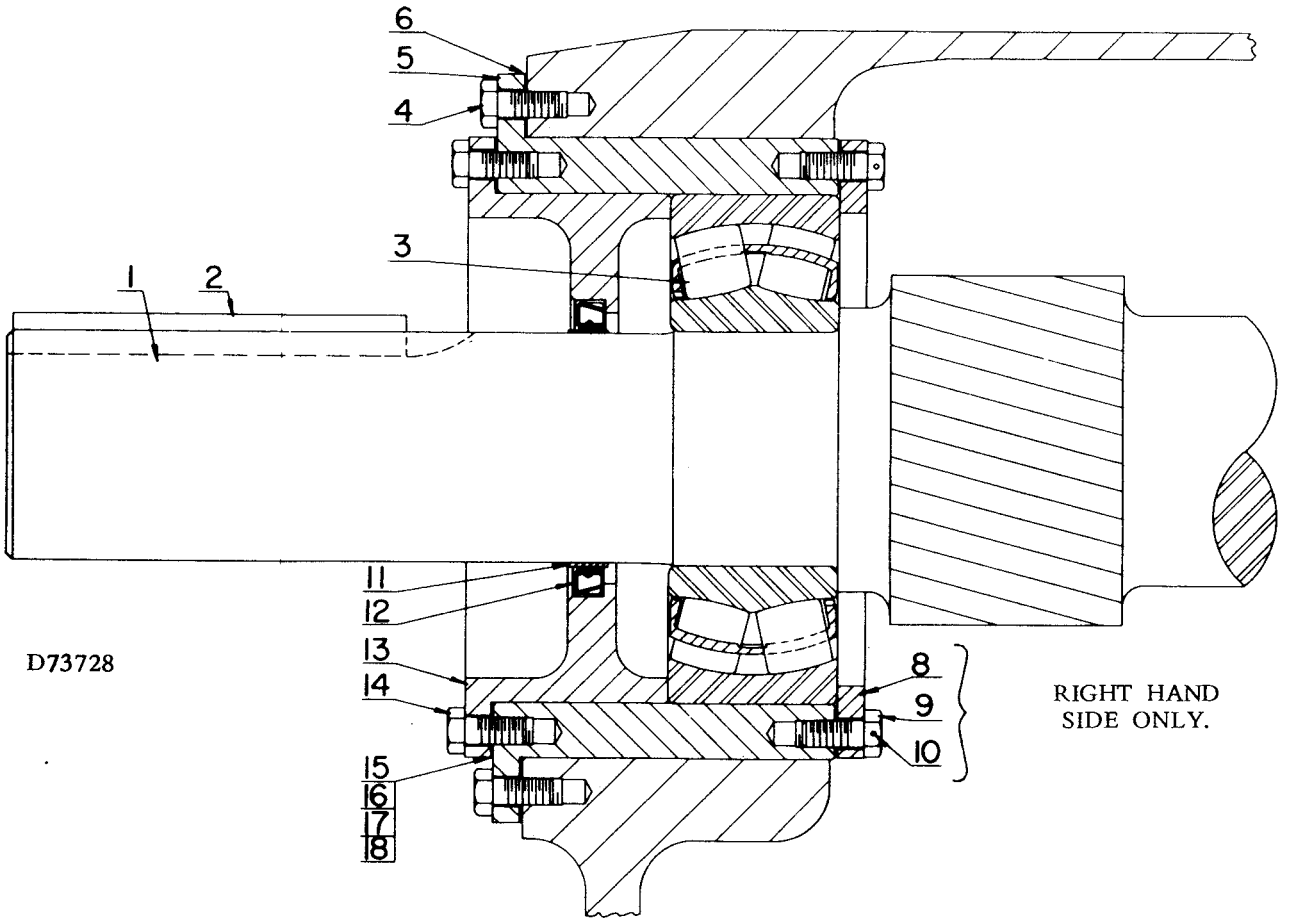




Ref No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	OIL FILTER		Part No.
	ASM OIL FILTER, Incl. Ref. No. 1 thru 4	1	26C18
1	ASM ELEMENT, Incl. Ref. No. 3	1	2109769
2	COVER	1	2109770
3	GASKET	1	2109771
4	SCREW, COVER	4	75A54
5	GASKET, Filter to Frame	1	25C1788
6	SCREW-SoHd CAP, Filter to Frame	6	75P95

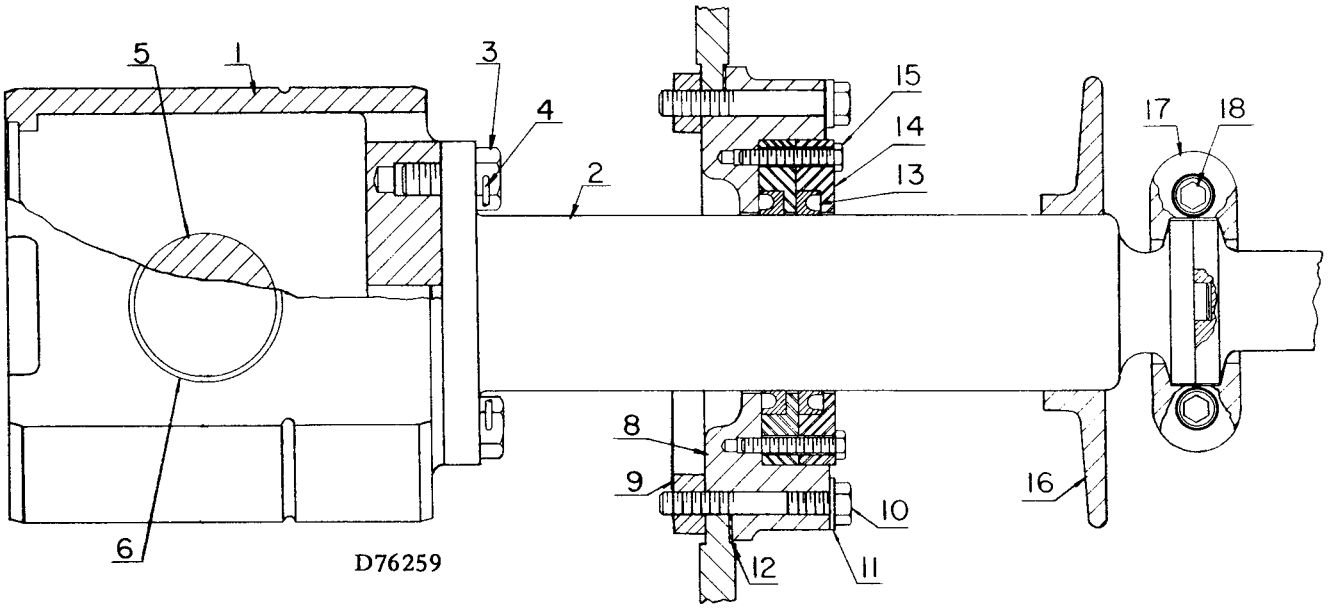
Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	CONNECTING ROD		Part No.
1	ASM CONNECTING ROD - COMPLETE Incl. Ref. No. 1 thru 10	3	2014809
2	BOLT, Connecting Rod	6	200PAH254
3	NUT, Connecting Rod Bolt	6	50AQ30
4	NUT-LOCK, Connecting Rod Bolt	6	50M2
5	BUSHING	3	1PA421
6	CLAMP, Liner	24	PA889
7	WIRE-SCREW	72"	97A29
8	SCREW, Clamp	24	75B41
9	BUSHING, Crosshead Pin	3	200PAH229
10	SHIM (.003)	12	77A324

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

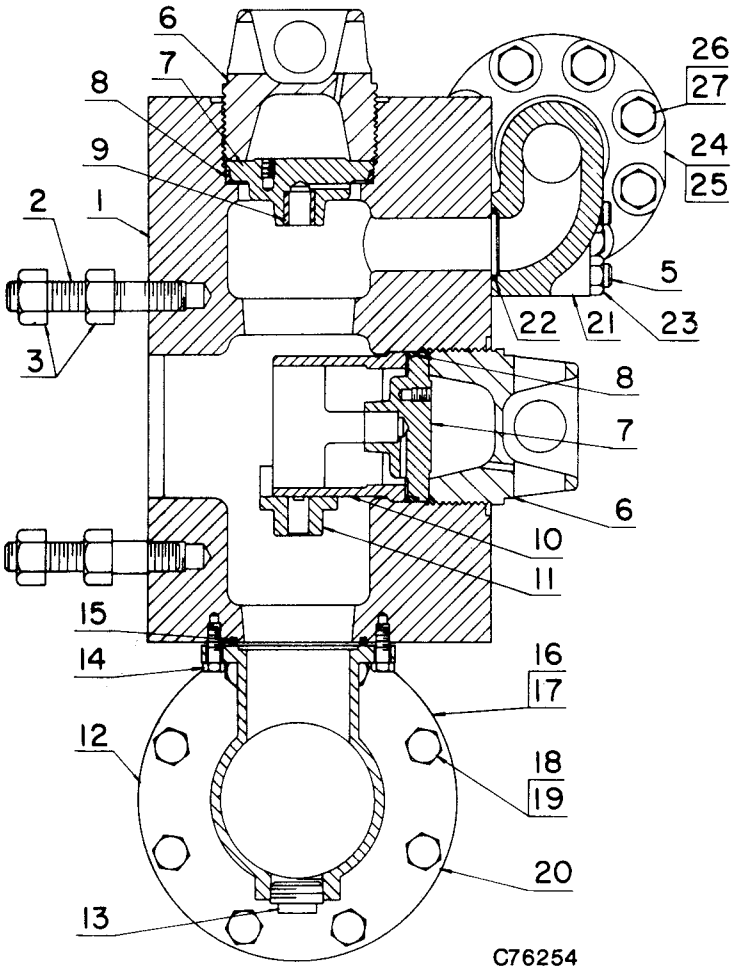


Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	JACKSHAFT & BEARING GROUP		Part No.
1	JACKSHAFT	1	4PA371
2	KEY, Jackshaft	1	35B199
3	BEARING	2	12GC3
4	SCREW, Bearing Housing	12	75AA1
5	HOUSING-BEARING	2	1PA368
6	GASKET, Bearing Housing	2	25C1945
8	PLATE-RETAINER (Inner), Bearing	2	1PA1206
9	SCREW, Bearing Retainer Plate	6	75B13
10	WIRE	48"	97A29
Ø	ADAPTOR (Jackshaft)	1	2006524
Ø	SCREW, Hex Cap (Adaptor to Jackshaft)	2	75P73
11	SLEEVE-WEAR, Oil Seal	1	80L8
12	SEAL-OIL	1	60G259
13	PLATE-BEARING RETAINER	1	PJ370
14	SCREW, Bearing Retainer Plate	12	75AA1
15	GASKET, Bearing Retainer Plate	1	25C1722
16	SHIM (.002), Bearing Retainer Plate	2	77A366
17	SHIM (.005), Bearing Retainer Plate	3	77A320
18	SHIM (.010), Bearing Retainer Plate	4	77A321
Ø	COVER, Jackshaft Extension	1	200PAH490

ØNot shown on illustration.

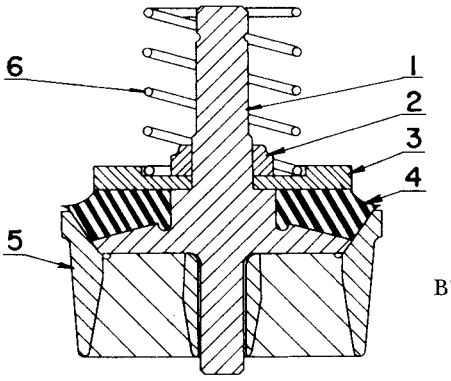


Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	CROSSHEAD, EXTENSION ROD & OIL STOP HEAD GROUP		Part No.
1	CROSSHEAD	3	PJ175
2	ROD-EXTENSION	3	1PO183
3	SCREW, Extension Rod to Crosshead	18	PO701
4	WIRE	72"	97A29
5	PIN-CROSSHEAD	3	200PAH189
6	RING-RETAINING	6	65U25
8	HEAD-OIL STOP	3	PJ226
9	PLATE-RETAINING	6	200PJH168
10	SCREW, Head to Frame	12	75A208
11	GASKET, Head to Frame Screw	12	25F9
12	GASKET, Oil Stop Head	3	25C1870
13	SEAL, Oil Stop Head	6	2011872
14	RING-RETAINING, Oil Seal	6	1PV1398
15	SCREW, Oil Seal Retaining Ring	18	75A102
16	BAFFLE, Extension Rod	3	5FXK840
17	ASM PLUNGER COUPLING, Incl. Ref. No. 18	3	2012240
18	SCREW, Coupling	6	75A208C



Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	FLUID CYLINDER (HP Block Steel) (Well Servicing or Drilling)		Part No.
1	FLUID CYLINDER, Incl. Ref. No. 2, 3, 5 & 23	3	200PJH029B
2	STUD, Cylinder to Frame	18	79AJ2
3	NUT, Cylinder to Frame & Liner Clamp	36	50B35
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	6	2013547
10	RETAINER, Suction Valve Guide	3	200PJH205
11	GUIDE-VALVE, Suction	3	200PJH483
12	MANIFOLD-SUCTION	1	200PAH069
13	PLUG-SqHd PIPE	1	64A25
14	SCREW, Suction Manifold to Cylinder	12	75A57N
15	GASKET, Suction Manifold to Cylinder	3	25G18
16	FLANGE-WELD	1	64CU10
17	FLANGE-BLIND	1	64EB16
18	SCREW, Flange	16	75A214
19	NUT, Flange	16	50B8
20	GASKET, Flange to Manifold	2	25C2622
21	MANIFOLD-DISCHARGE	1	200PJH071
22	GASKET, Manifold to Cylinder	3	25AL54
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
Ø	PIN, (Valve cover tightening bar)	1	62L62*
Ø	PIN, (Valve cover tightening bar)	1	2009526*

Ø Not shown on illustration.
* These parts are not standard equipment but are furnished when ordered.

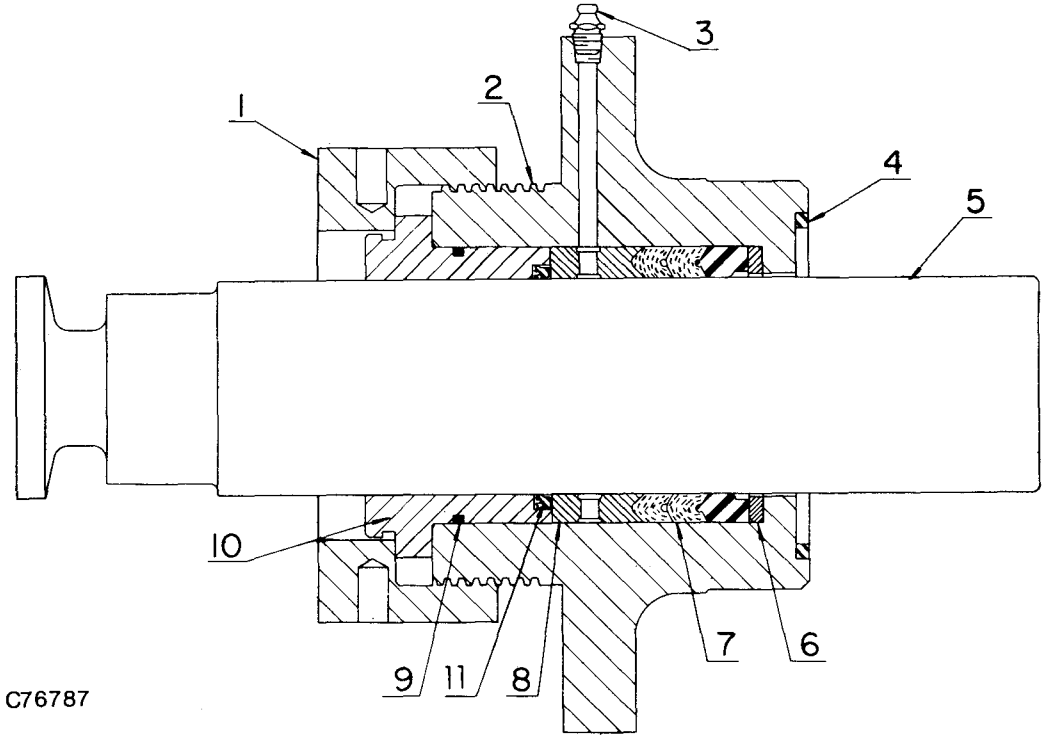


Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	***STEEL-CENTER GUIDED VALVE WITH URETHANE INSERT (Standard Equipment)**		Part No.
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 4	6	PJ482A
1	VALVE-FLUID	6	PJ482
2	LOCKNUT	6	50V51
3	WASHER-VALVE	6	PJ279
4	INSERT-URETHANE	6	PJ452
5	SEAT-VALVE	6	PJ451
6	SPRING	6	78H23

	***STEEL-CENTER GUIDED VALVE WITH RUBBER INSERT (Optional)**		Part No.
	ASM FLUID VALVE, Incl. Ref. No. 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

*Selective for Column 10.

For above valves use one (1) PJ219A Puller Assembly as shown on Page 24.



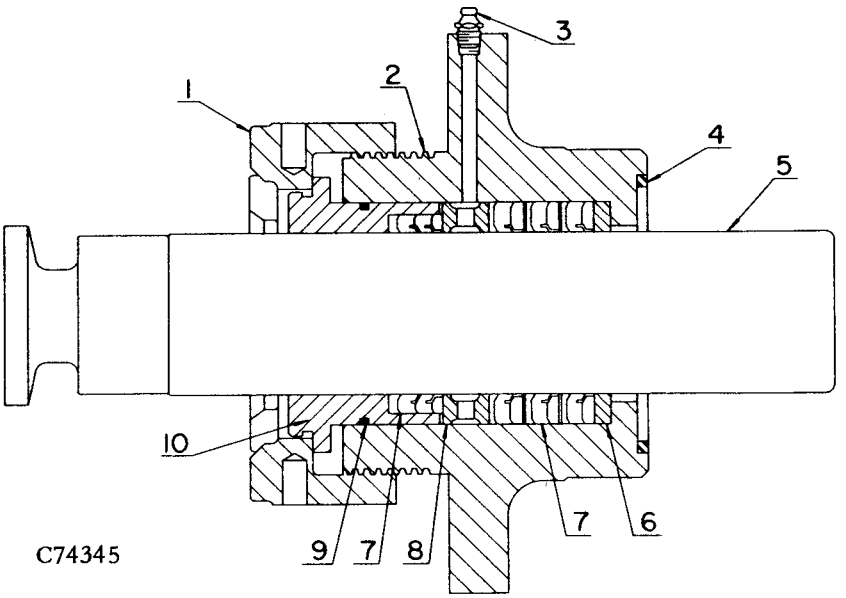
Ref. No.	Name of Part	Qty. Req. Per Pump	Model PAHB_B 4½" Part No.	Model PAHB_B 4" Part No.
	STUFFING BOX & PLUNGERS**			
1	GLAND	3	6PA113	6PA113
2	BOX-STUFFING, Incl. Ref. No. 3	3	8PA14	9PA14
3	FITTING-GREASE	3	40E7	40E7
4	GASKET	3	25AL22	25AL22
Ø	PIN-GLAND	3	62V22	62V22
5	PLUNGER (Colmonoy)	3	200PAH038	201PAH038
	PACKING – "S" STYLE**			
	PACKING GROUP, Incl. Ref. No. 6 thru 10	3	TGF77612	TGF77613
6	RING-JUNK	3	201TGF317	202TGF317
7	PACKING SET, Incl. Ref. No. 9*	3	60DD117	60DD116
8	SPACER-LANTERN	3	201TGF445	202TGF445
9	O-RING*	3	25AA32	25AA28
10	BUSHING-GLAND	3	202TGF152	203TGF152

Ø Not shown on illustration.

* O-Ring included in Packing Set but may be purchased separately.

** Selective for Columns 7, 8 & 9.

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



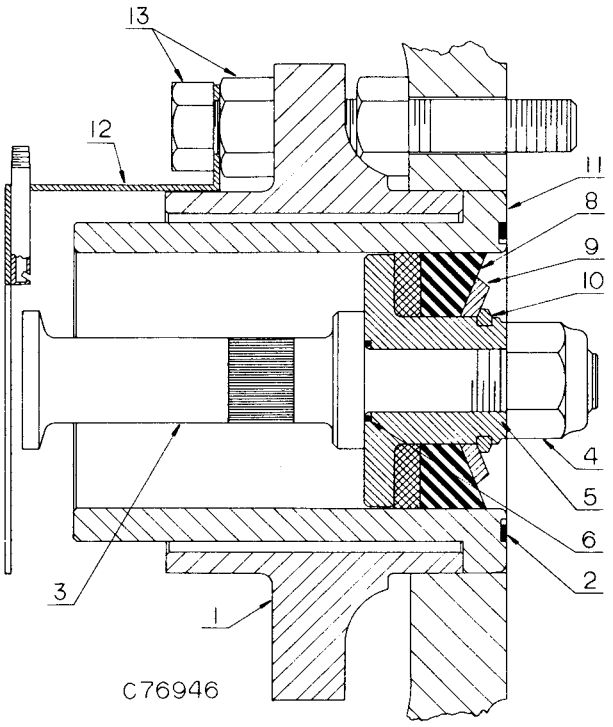
Ref. No.	Name of Part	Qty. Req. Per Pump	Model PAHD_B 4½"	4"	3½"
	STUFFING BOX & PLUNGERS**		Part No.	Part No.	Part No.
1	GLAND	3	6PA113	6PA113	6PA113
2	BOX-STUFFING, Incl. Ref. No. 3	3	8PA14	9PA14	10PA14
3	FITTING-GREASE	3	40E7	40E7	40E7
4	GASKET	3	25AL22	25AL22	25AL22
Ø	PINS-GLAND	3	62V22	62V22	62V22
5	PLUNGER (Colmonoy)	3	200PAH038	201PAH038	203PAH038
	PACKING – "J" STYLE**				
	ASM PACKING, Incl. Ref. No. 6 thru 10	3	38PA160045	38PA160040	38PA160035
6	RING-JUNK	3	PO31745	PO31740	PO31735
7	PACKING SET, Inc. Ref. No. 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

Ø Not shown on illustration.

* O-Ring included in Packing Set but may be purchased separately.

** Selective for Columns 7, 8 & 9.

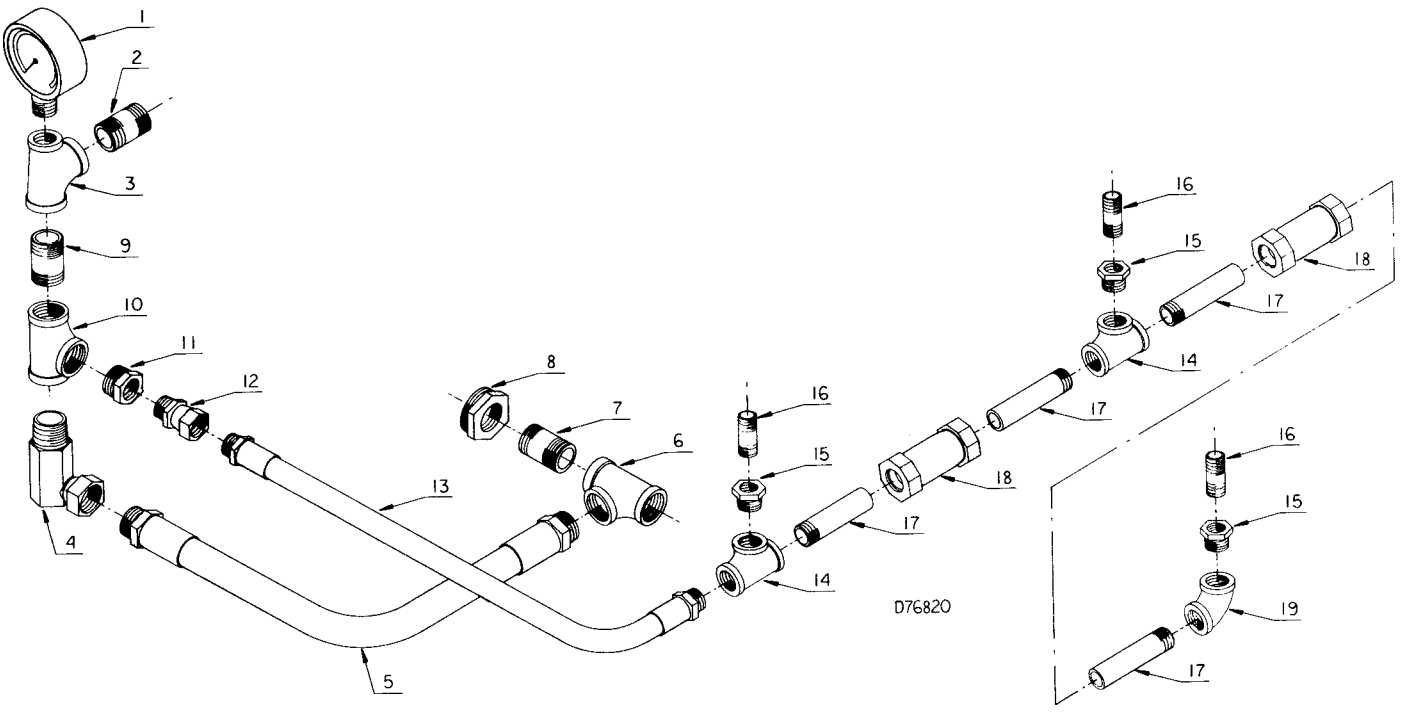
Order by Part Number and Description. Reference numbers for your convenience only.



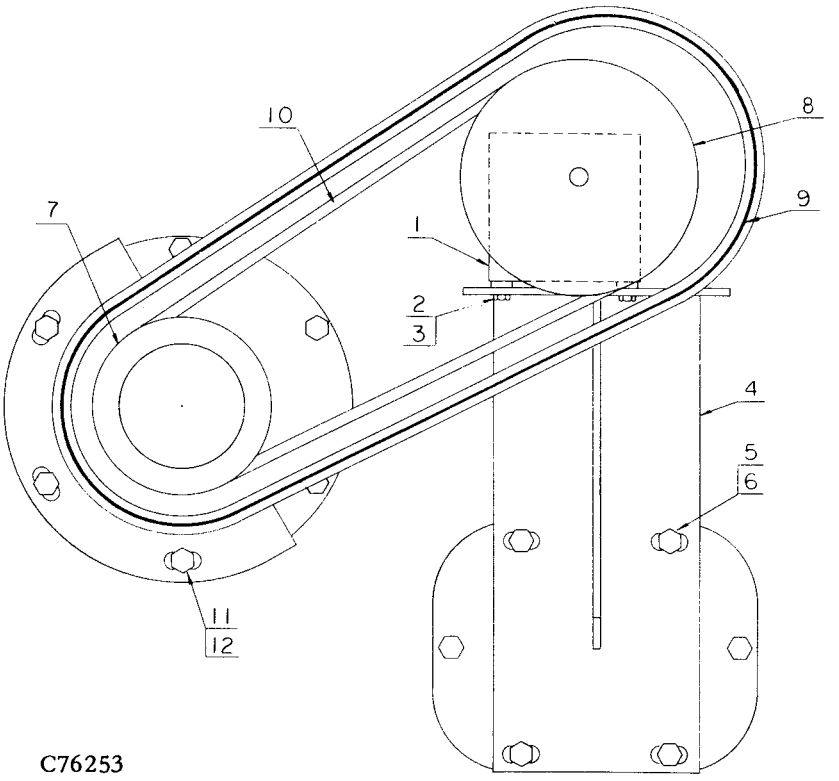
Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHA_B & PAHC_B 5"	4½"	4"
	PISTON ROD, PISTON & LINER**		Part No.	Part No.	Part No.
1	CLAMP-LINER	3	1PA217	1PA217	1PA217
2	GASKET, Liner to Cylinder	3	25AL22	25AL22	25AL22
3	PISTON ROD, Incl. Ref. No. 4	3	PJ183	PJ183	PJ183
4	NUT, Piston Rod	3	50V14	50V14	50V14
5	ASM. PISTON BODY, Incl. Ref. No. 6, 7 & 8	3	241TBB045A	239TBB045A	241TBA045B
6	O-RING	3	25AH1	25AH1	25AH1
7	SPACER***	3	None	None	200TBA144
8	INSERT GROUP, Incl. Ref. No. 9 & 10	3	TBB76024	TBB76022	TBA76008
9	PLATE-RETAINER	3	*	*	*
10	RING-RETAINING	3	*	*	*
11	LINER	3	PJ13950	PA13945	PA13940
12	BAFFLE	3	PJ840	PJ840	PJ840
13	NUT-JAM, Baffle	12	50F11	50F11	50F11

			Model PAHC_B 3½"	3¼"	3"
1	CLAMP-LINER	3	1PA217	1PA217	1PA217
2	GASKET, Liner to Cylinder	3	25AL22	25AL22	25AL22
3	PISTON ROD, Incl. Ref. No. 4	3	PJ183	PJ183	PJ183
4	NUT, Piston Rod	3	50V14	50V14	50V14
5	ASM. PISTON BODY, Incl. Ref. No. 6, 7 & 8	3	239TBA045B	238TBA045B	237TBA045B
6	O-RING	3	25AH1	25AH1	25AH1
7	SPACER***	3	200TBA144	200TBA144	200TBA144
8	INSERT GROUP, Incl. Ref. No. 9 & 10	3	TBA76006	TBA76005	TBA76004
9	PLATE-RETAINER	3	*	*	*
10	RING-RETAINING	3	*	*	*
11	LINER	3	PA13935	PA13932	PA13930
12	BAFFLE	3	PJ840	PJ840	PJ840
13	NUT-JAM, Baffle	12	50F11	50F11	50F11

* Not to be sold separately.
** Selective for Columns 7 & 8.
*** Not shown on illustration.



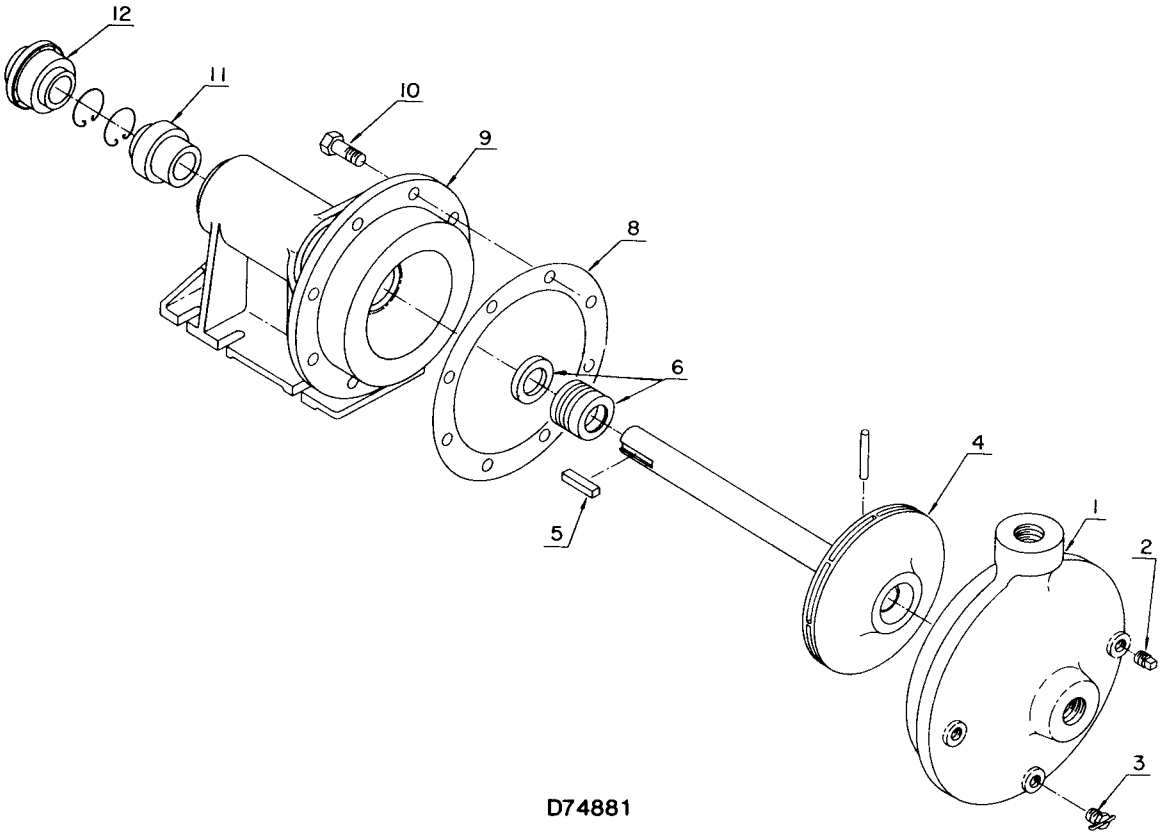
Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	CROSSHEAD LUBRICATION PIPING		Part No.
1	GAUGE-AIR PRESSURE, Oil	1	27A121
2	NIPPLE-PIPE	1	63U12X20
3	TEE-PIPE, Reducing	1	64P14
4	ADAPTOR-HOSE, Swivel	1	29Q17
5	ASM HYDRAULIC HOSE	1	29R21
6	TEE PIPE	1	64G7
7	NIPPLE–PIPE	1	63G1
8	BUSHING–PIPE	1	64R3
9	NIPPLE–PIPE	1	63G1
10	TEE–PIPE	1	64G7
11	BUSHING–PIPE	1	64E95
12	ADAPTOR–HOSE, Straight Swivel	1	29Q6
13	ASM HYDRAULIC HOSE	1	29R43
14	TEE-PIPE	2	64G6
15	BUSHING–PIPE	3	64E43
16	NIPPLE–PIPE	3	63D3
17	NIPPLE–PIPE	4	63AJ8X32
18	COUPLING–PIPE	2	64BC2
19	ELBOW–PIPE	1	64C4



C76253

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHB_B & PAHD_B
	LUBRICATOR GROUP		Part No.
	(Optional Equipment)		
	LUBRICATOR GROUP, Includes the Following Items	1	PAH68241
1	LUBRICATOR	1	40G100
2	SCREW-HEX CAP, Lubricator to Bracket	4	75A33
3	WASHER-PLAIN, Lubricator to Bracket	4	95A2
4	BRACKET-LUBRICATOR	1	200PAH403
5	SCREW-HEX CAP, Bracket to Pump	4	75A12
6	WASHER-PLAIN, Bracket to Pump	4	95A5
7	ASM SHEAVE, Jackshaft	1	1PA1342A
8	SHEAVE, Lubricator	1	73A626
9	GUARD-AUXILIARY, Drive	1	201PAH240
10	BELT	1	13N5301
Ø	KEY-WOODRUFF, Lubricator	1	35D2
11	SCREW-HEX CAP, Guard to Pump	3	75A20
12	WASHER-PLAIN, Guard to Pump	3	95A5
Ø	TUBE (Lubricator to Stuffing Box)	144"	85D4A
Ø	VALVE-CHECK (Asm. at Stuffing Box)	3	90J111
Ø	ELBOW-TUBE (Asm. at Stuffing Box and Lubricator)	3	86A25

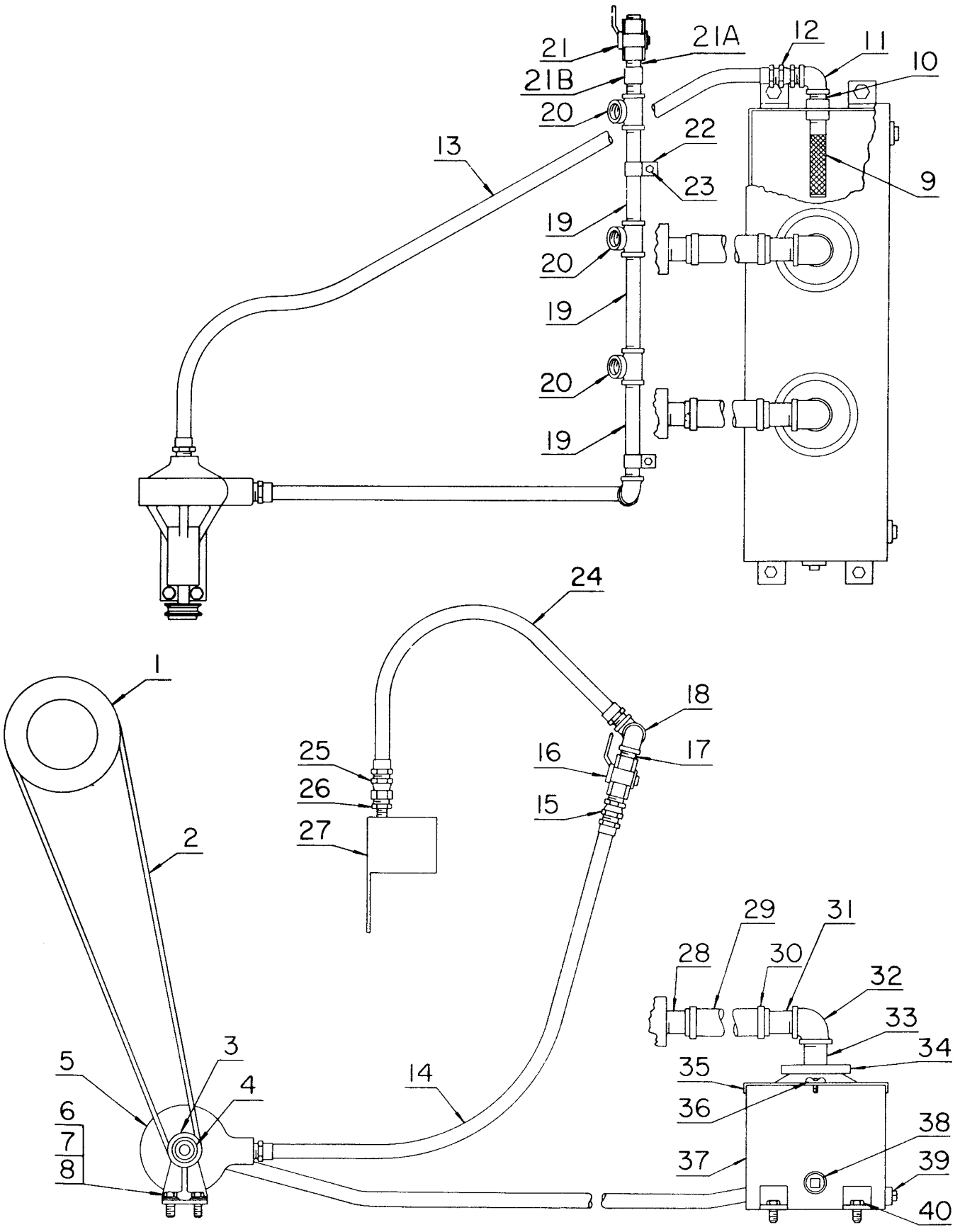
Ø Not shown on illustration.



D74881

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHA_B * PAHC_B
	PISTON LUBRICATING PUMP		Part No.
	ASM PUMP, Incl. all parts shown		CA122
1	CASING	1	C1K2A1
2	PLUG-SqHd PIPE	2	64AA6
3	COCK, Drain	1	90C31
4	ASM IMPELLER, SHAFT & PIN	1	C1K1A1A
5	KEY	1	35B4
6	SEAL	1	60BT11
8	GASKET	1	25D212
9	FRAME	1	200CAW001
10	SCREW	8	75A130
11	BEARING-BALL (Inner), Incl. Retaining Ring	1	12AK3
12	BEARING-BALL (Outer), Incl. Retaining Ring	1	12AK3

*The parts shown on this page are OPTIONAL EQUIPMENT for Model PAHA_B.

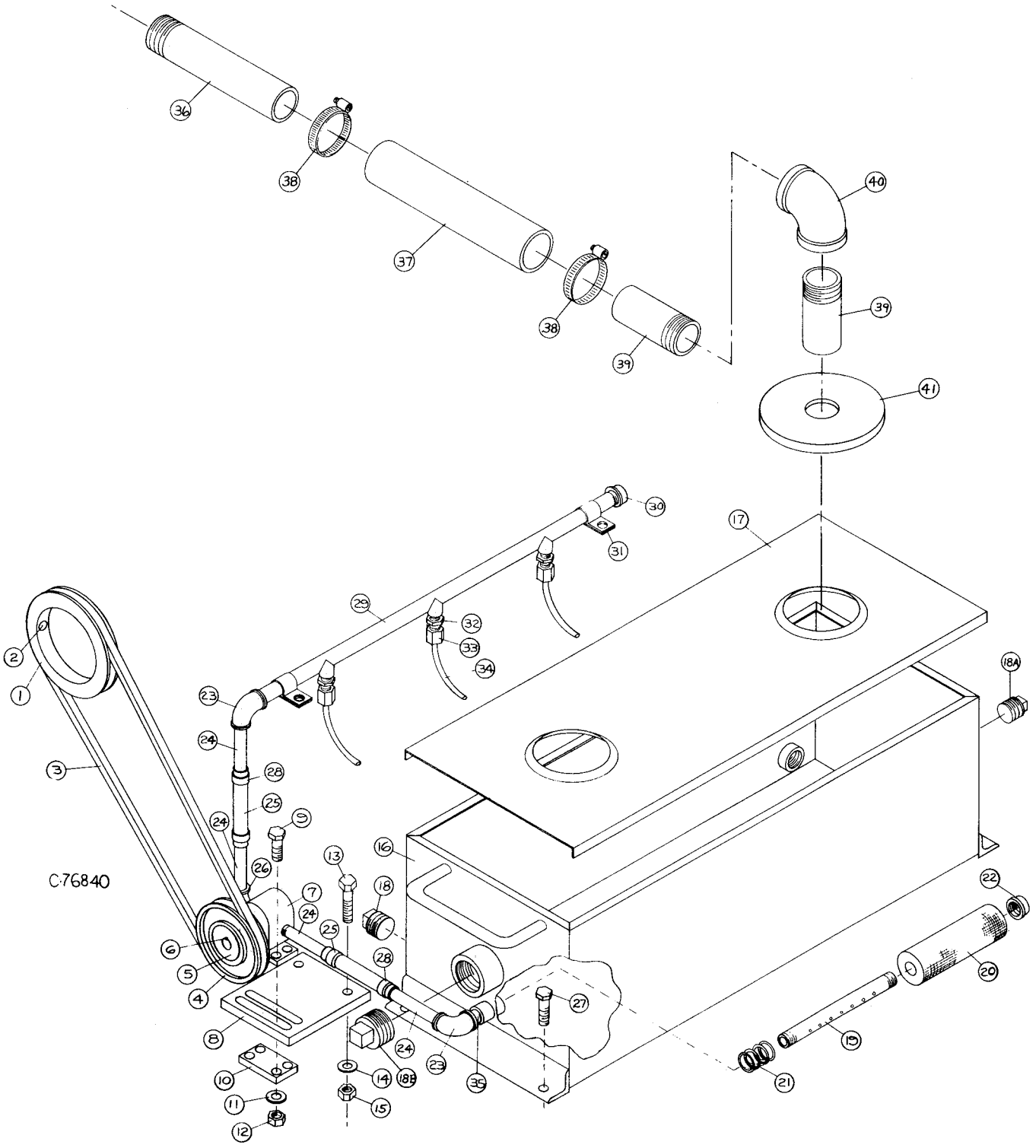


D76261

FOR LIST OF PARTS SEE PAGE 21

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHA_B * PAHC_B
	PISTON LUBRICATING PUMP & PIPING		Part No.
1	SHEAVE-AUXILIARY (Includes Set Screw)	1	2006093
2	BELT	1	13C6
3	SHEAVE, Driven	1	73K1A30
4	BUSHING, Sheave	1	22E16B
5	PUMP-PISTON LUBRICATING	1	**
6	SCREW, Pump to Skid	4	75A1
7	WASHER-LOCK	4	95B3
8	WASHER-PLAIN	4	95A3
	(Piping – Lube Tank to Pump)		
9	SCREEN-OIL	1	2WAJ511
10	NIPPLE-PIPE	1	63H25
11	ELBOW-PIPE	1	64C6
12	ADAPTOR-HOSE	1	29Q9
13	ASM HYDRAULIC HOSE	1	29Z7
	(Piping – Pump to Liner)		
14	ASM HYDRAULIC HOSE	1	29R9
15	ADAPTOR-HOSE	1	29Q9
16	VALVE	1	90A36
17	NIPPLE-PIPE	1	63H25
18	ELBOW-PIPE	1	64S5
19	NIPPLE-PIPE	3	63G39
20	TEE-PIPE	3	64P39
21	VALVE	1	90A25
21A	NIPPLE	2	63G2
21B	COUPLING-PIPE	1	64AB3
22	CLAMP	2	98H4
23	SCREW, Clamp	2	75A32
24	ASM HYDRAULIC HOSE	3	29R32
25	ADAPTOR-HOSE	3	29Q7
26	BUSHING-PIPE	3	64E2
27	BAFFLE	3	PJ840
	(Piping – Frame to Lube Tank)		
28	NIPPLE-PIPE	2	63AJ24X64
29	HOSE	2	29A305
30	CLAMP-HOSE	4	29B32
31	NIPPLE-PIPE	2	63AJ24X30
32	ELBOW-PIPE	2	64C8
33	NIPPLE-PIPE	2	63AJ24X30
34	INSERT	2	3FO452
35	COVER-TANK	1	2006628
36	NUT-WING	2	50H1
37	TANK-LUBE OIL	1	2006626
38	PLUG-SqHd PIPE	1	64A6
39	PLUG-SqHd PIPE	2	64A7
40	SCREW, Tank to Skid	4	75H4
Ø	PLUG-SqHd PIPE	1	64A9

* The parts shown on this page are OPTIONAL EQUIPMENT for Model PAHA_B.
** For component part of Piston Lubricating Pump see Page 19.
Ø Not shown on illustration.



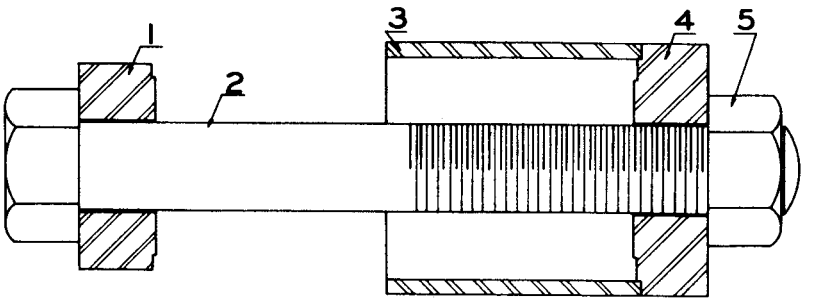
FOR LIST OF PARTS SEE PAGE 23

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

Ref. No.	Name of Part	Qty. Req. Per Pump	Models PAHB_B * PAHD_B Part No.
	PLUNGER WASHING PARTS (Optional Equipment)		
1	ASM SHEAVE-AUXILIARY, Incl. Ref. No. 2	1	1PA1342A
2	SET SCREW-SoHd, Drive	2	76F19N
3	BELT, Pump Drive	1	13N7101
4	SHEAVE, Pump Drive	1	73N13V45
5	BUSHING-HUB, Sheave	1	22E9E
6	KEY-SQUARE, Pump Drive Sheave	1	35B375
7	PUMP, Plunger Washing	1	46C14
8	SUPPORT, Plunger Washing Pump	1	PA1290
9	SCREW-HEX CAP, Pump to Support	4	75A9
10	PLATE-RETAINER, Pump	1	2PA1128
11	WASHER-LOCK	4	95B3
12	NUT-HEX	4	50B3
13	SCREW-HEX CAP, Pump Support & Tank to Skid	2	75A39
14	WASHER-LOCK	2	95B5
15	NUT-HEX	2	50B5
16	TANK-LUBE OIL,	1	2006626
17	COVER-TANK, Plunger Washing	1	2006628
18	PLUG-SqHd PIPE, Plunger Washing Tank Drain 1¼	2	64A7
18A	PLUG-SqHd PIPE 1"	1	64A6
18B	PLUG-SqHd PIPE 2"	1	64A9
19	PIPE-OIL SUCTION, Plunger Washing Tank Strainer	1	WAJ714
20	SCREEN-OIL, Plunger Washing Tank Strainer Pipe	1	1WAJ511
21	SPRING, Plunger Washing Tank Strainer	1	78D17
22	CAP-PIPE, Plunger Washing Tank Strainer	1	64AD4
23	ELBOW-PIPE, Plunger Washing Pump Suction Reducing	2	64S2
24	NIPPLE-PIPE, Plunger Washing Pump Suction	4	63AJ6X44
25	HOSE-OIL, Plunger Washing Pump Suction	60"	R14F
26	ELBOW-PIPE, Feed	1	64C3
27	SCREW MACHINE, Tank to Skid (½ x 1)	4	75H4
28	CLAMP-HOSE, Plunger Washing Pump Suction & Discharge	4	29B35
Ø	BUSHING-PIPE, Oil Suction Pipe to Tank	2	64E14
29	MANIFOLD-OIL, Feed	1	PA1255
30	CAP-PIPE, Feed	1	64AD4
31	CLAMP, Feed Pipe	2	98A17
32	NUT-TUBE, Feed Pipe Flare	3	86A7
33	CONNECTOR-TUBE, Feed Pipe	3	86A6
34	TUBE, Feed Pipe	137"	85D6B
35	NIPPLE-PIPE	1	63P21
Ø	NUT-WING, (Cover to Tank)	2	50H1
36	NIPPLE PIPE (1½ x 6½)	2	63AJ24X64
37	HOSE-COOLANT	2	29A305
38	CLAMP HOSE	4	29B32
39	NIPPLE-PIPE (Half)	4	63AJ24X30
40	ELBOW-PIPE	2	64C8
41	INSERT	2	3FO452

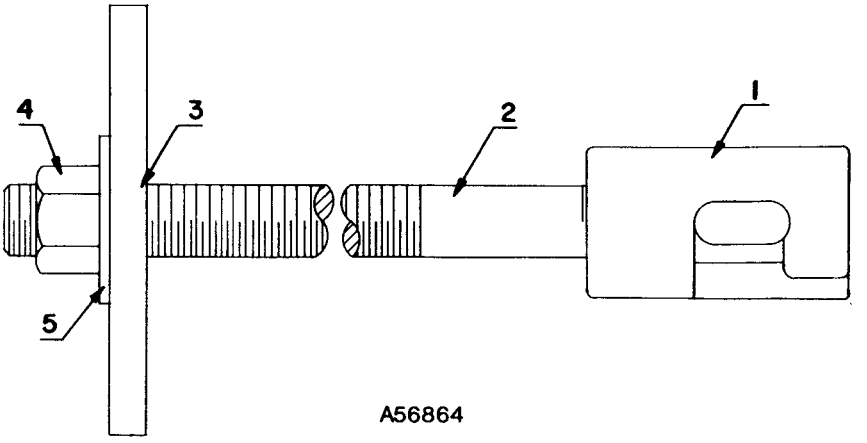
*The parts shown on this page are OPTIONAL EQUIPMENT for Model PAHB_B.

Ø Not shown on illustration.



B37973

Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	CROSSHEAD PIN BUSHING PULLER (Optional Equipment)		Part No.
	ASM PULLER, Incl. Ref. No. 1 thru 5	1	FXX1585
1	PLATE	1	FXX1277
2	BOLT	2	FXX1279
3	BUSHING	1	FXX1278
4	PLATE (Head)	1	FXX1276
5	NUT, Puller Bolt	1	50T161



A56864

Ref. No.	Name of Part	Qty. Req. Per Pump	All PAH Models
	VALVE SEAT PULLER (Optional Equipment)		Part No.
	ASM PULLER, Incl. Ref. No. 1 thru 5	1	PJ219A
1	PULLER	1	PJ219
2	BOLT-PULLER	1	7AUX235
3	PLATE-PULLER	1	13AUX292
4	NUT	1	50C15
5	WASHER-PLAIN	1	95A22
Ø	JACK, Hydraulic	1	100C2*

Ø Not shown on illustration.
* Not included in puller assembly.

Gardner Denver

For additional information contact your local representative or
Gardner Denver Customer Service
1800 Gardner Expressway, Quincy, Illinois 62301
Telephone: (800) 682-9868 FAX: (217) 224-7814

Sales and Service in all major cities.

For parts information, contact Master Distribution Center
Memphis, TN Telephone: (800) 245-4946 FAX: (901) 363-1095

Specifications subject to change without notice.
Copyright 1994 Gardner Denver Machinery Inc. **Litho in U.S.A.**