GARDNER DENVER®

15-517
4th Edition
APRIL, 2007

SINGLE ACTING TRIPLEX PUMP

MODEL

PZL

11” STROKE

PARTS LIST

Gardner Denver

MAINTAIN PUMP RELIABILITY AND PERFORMANCE WITH GENUINE GARDNER DENVER® PARTS AND SUPPORT SERVICES

Gardner Denver® genuine pump parts are manufactured to design tolerances and are developed for optimum dependability. Design and material innovations are the result of years of experience with hundreds of different pump applications. Reliability in materials and quality assurance are incorporated in our genuine replacement parts.

Your authorized Gardner Denver distributor offers all the backup you'll need. A worldwide network of authorized distributors provides the finest product support in the pump industry. Your local authorized distributor maintains a large inventory of genuine parts and he is backed up for emergency parts issues with access to Oklahoma City, OK. and the factory in Quincy, IL.

Your authorized distributor can support all your Gardner Denver pump needs.

Trained parts specialists are available to assist you in selecting the correct replacement parts.

ALL ORDERS for PARTS should be placed with the NEAREST Authorized Distributor.

To find your nearest distributor you may use one of the following choices:
* Log onto the Gardner Denver web site: www.gardnerdenver.com
* Send an E-Mail request to: pumps@gardnerdenver.com
* Contact one of our sales offices listed below.

The Gardner Denver Sales Offices are located as follows:

DOMESTIC

Gardner Denver
2200 South Prospect
Oklahoma City, OK. 73129

Phone: (405) 677-5736

Fax: (405) 677-5807

INTERNATIONAL

Gardner Denver
1800 Gardner Expressway
Quincy, IL 62301

Phone: (217) 222-5400

Fax: (217) 223-1581

INSTRUCTIONS FOR ORDERING REPAIR PARTS:

When ordering parts, specify Pump MODEL and SERIAL NUMBER (see nameplate on unit).
The Serial Number is also stamped on top of the frame at the connecting end.
(Between the cradle opening and the fluid cylinder)

SPECIFY THE NUMBER OF PARTS REQUIRED, EXACTLY.

DO NOT ORDER BY SETS OR GROUPS.

To determine the Right Hand and Left-Hand side of a pump, stand at the power end and look toward the fluid end. Right Hand and Left Hand are indicated in parenthesis following the part name, i.e. (RH) and (LH), when appropriate.

For Operating and Service Instructions see:

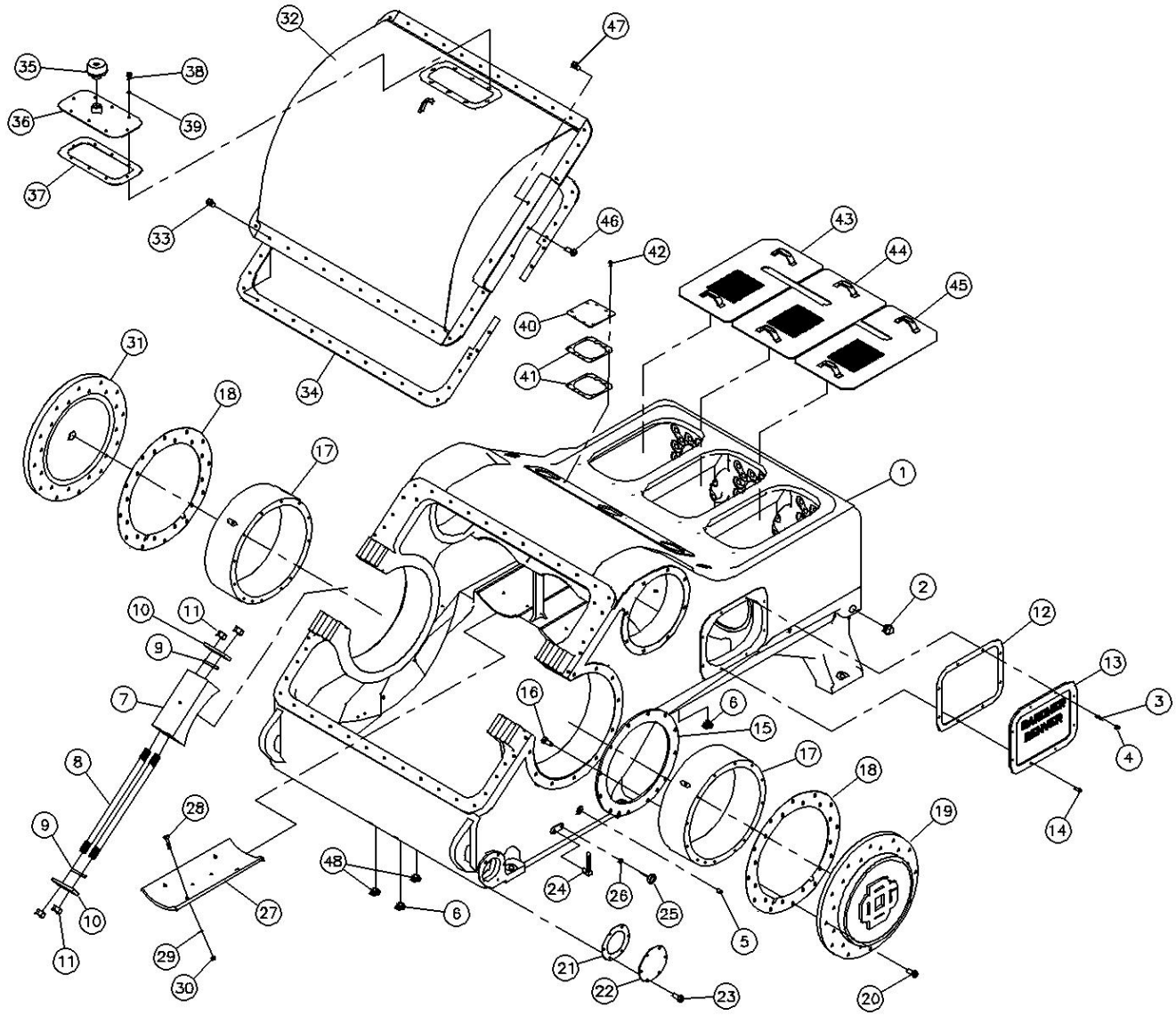
SERVICE MANUAL 15-600

TABLE OF CONTENTS

Maintain Pump Reliability and Performance with Genuine Gardner Denver Parts and Support Services i
Instructions for Ordering Repair Parts i
Table of Contents ii
Frame Group & Miscellaneous Parts .... 1 & 2
Drive Parts .... 3 & 4
General Service, 5000 PSI, Wide Body™ Fluid Cylinder & Manifolds .... 5 & 6
High Pressure Service, 7500 PSI, Fluid Cylinder & Manifolds .... 7 & 8
Steel Fitted, Center Guided Valve (General Service)
- With Polyurethane Insert 9
- With Carboxylated Insert 9

Full Open Valve – Special 10
Piston Rod & Coupling for 5000 PSI (Wide Body™) .... 11 & 12
Piston & Liner for 5000 PSI (Wide Body™) .... 11 & 12
Piston Rod & Coupling for 7500 PSI (High Pressure Service) 13
Piston & Liner for 7500 PSI (High Pressure Service) 13
"Self Adjusting" Oil Stop Head Packing 14
Internal Oil Lubrication Piping .... 15 & 16
Sump Oil Filter 17
Sump Oil Circulating Pump 18
Piston Rod Wash Piping – 5000 PSI .... 19 & 20
Piston Rod Wash Piping – 7500 PSI .... 21 & 22
Individual Piston Rod Wash Piping – 7500 PSI 23
Piston Rod Wash Pump 24
Heat Exchanger Group (Optional Equipment) 25
Valve Seat Puller (Optional Equipment) 26
Optional Equipment 27

FRAME & MISCELLANEOUS PARTS



Ref Drawing – 207PZL797

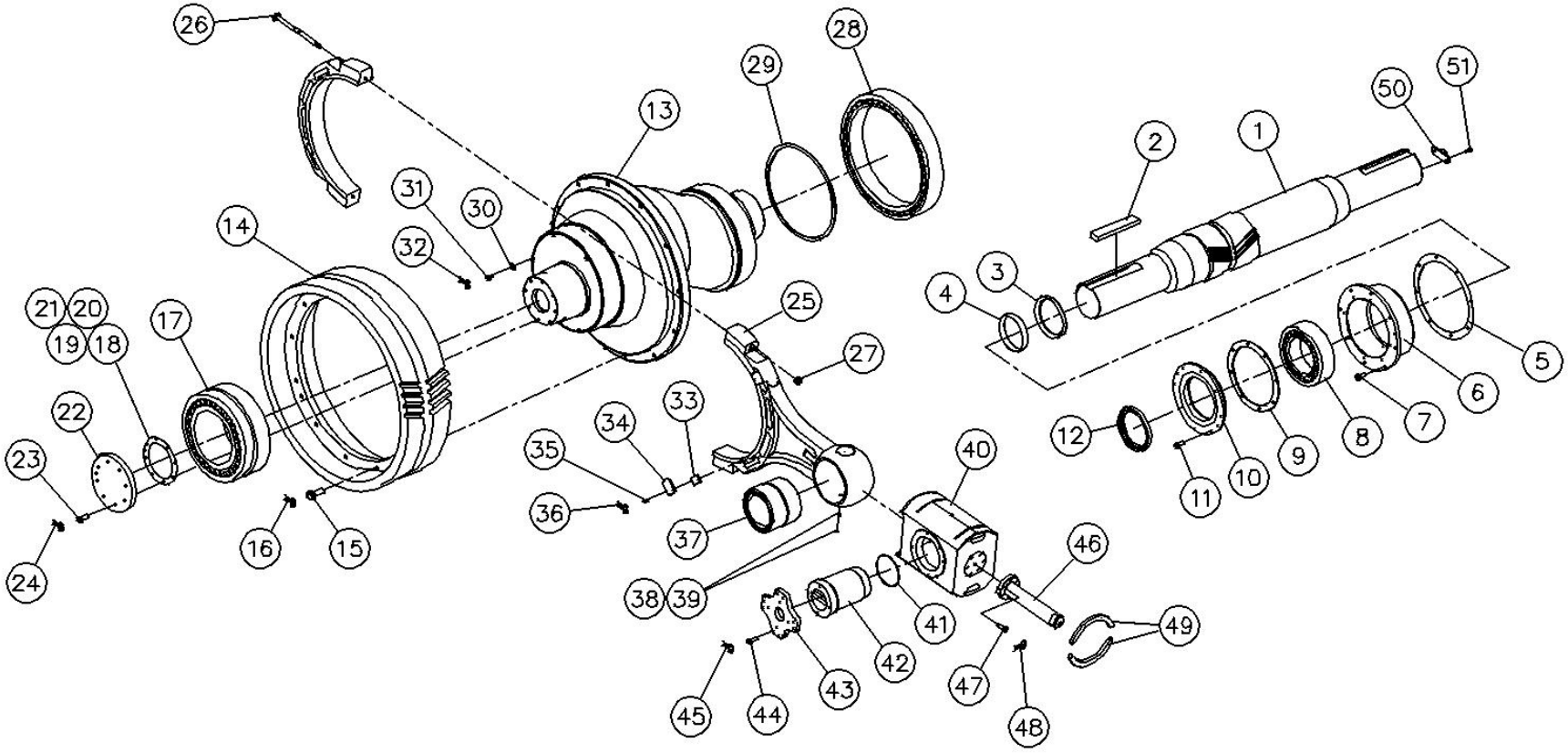
FOR LIST OF PARTS SEE PAGE 2

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

FRAME & MISCELLANEOUS PARTS

Ref. No.	Name of Part	Qty.	Part No.
	FRAME ASM, Includes Reference Numbers 1 thru 11	1	200PZL001A
1	FRAME	1	200PZL001
2	PLUG, Cradle Drain	1	64AA9
3	STUD, Crosshead Inspection Plate	4	79A238
4	NUT, Crosshead Inspection Plate	4	50B5
5	PLUG	1	64A5
6	PLUG-MAGNETIC, Sump Oil Drain	3	66D13
7	SPACER	2	200PZL144
8	STUD, Spacer to Frame	4	200PZL110
9	KEY, Spacer to Frame	4	35C24
10	PLATE, Spacer to Frame	4	200PZL247
11	NUT, Spacer to Frame Stud	8	50B37
12	GASKET, Crosshead Inspection Plate	2	200PZL715
13	PLATE-INSPECTION, Crosshead	2	200PZL052
14	SCREW, Crosshead Inspection Plate	16	655EE060
15	PLATE-RETAINER	1	202PZL253
16	SCREW, Bearing Retainer Plate	12	75A237
17	HOUSING-BEARING, Eccentric	2	201PZL006
18	GASKET, Bearing Cover Plate	2	202PZL715N
19	PLATE-BEARING COVER (Rigid Side)	1	200PZL315
20	SCREW, Bearing Cover Plate	44	75A52
21	GASKET, Inspection Plate	2	25C1788N
22	PLATE-INSPECTION	1	202FXT052
23	SCREW, Inspection Plate	6	655EF050
24	GAUGE, Oil Level Sight	1	40L17
25	GAUGE, Oil Temperature	1	27H11
26	BUSHING-PIPE	1	64E2
27	SLIDE-CROSSHEAD	6	200PZL309
28	SCREW, Crosshead Slide to Frame	24	75LM89
29	SEAL-FASTENER	12	60DD35
30	LOCKNUT	24	50V44
31	PLATE-BEARING COVER (Floating Side)	1	201PZL315
32	HOOD, Eccentric	1	200PZL053
33	SCREW, Hood to Frame	36	655EF050
34	GASKET, Hood	1	201PZL715
35	BREATHER	1	5C24
36	PLATE, Inspection	1	KXG842
37	GASKET, Inspection Plate	1	25C1818
38	SCREW, Inspection Plate	8	655EF040
39	GASKET, Inspection Plate Screw	8	25F13
40	PLATE-INSPECTION	3	206PZL052
41	GASKET, Inspection Plate	6	25C1839
42	SCREW, Inspection Plate	24	655ED040
43	COVER, Left Side Cradle Area	1	201PZL052
44	COVER, Middle Cradle Area	1	202PZL052
45	COVER, Right Side Cradle Area	1	203PZL052
46	SCREW, Hood to Main Bearing Spacer	4	655EG070
47	SCREW, Hood to Main Bearing Spacer	4	655EF200
48	PLUG, Sump	2	64A27

DRIVE PARTS



Rer Drawing - 317PZL810

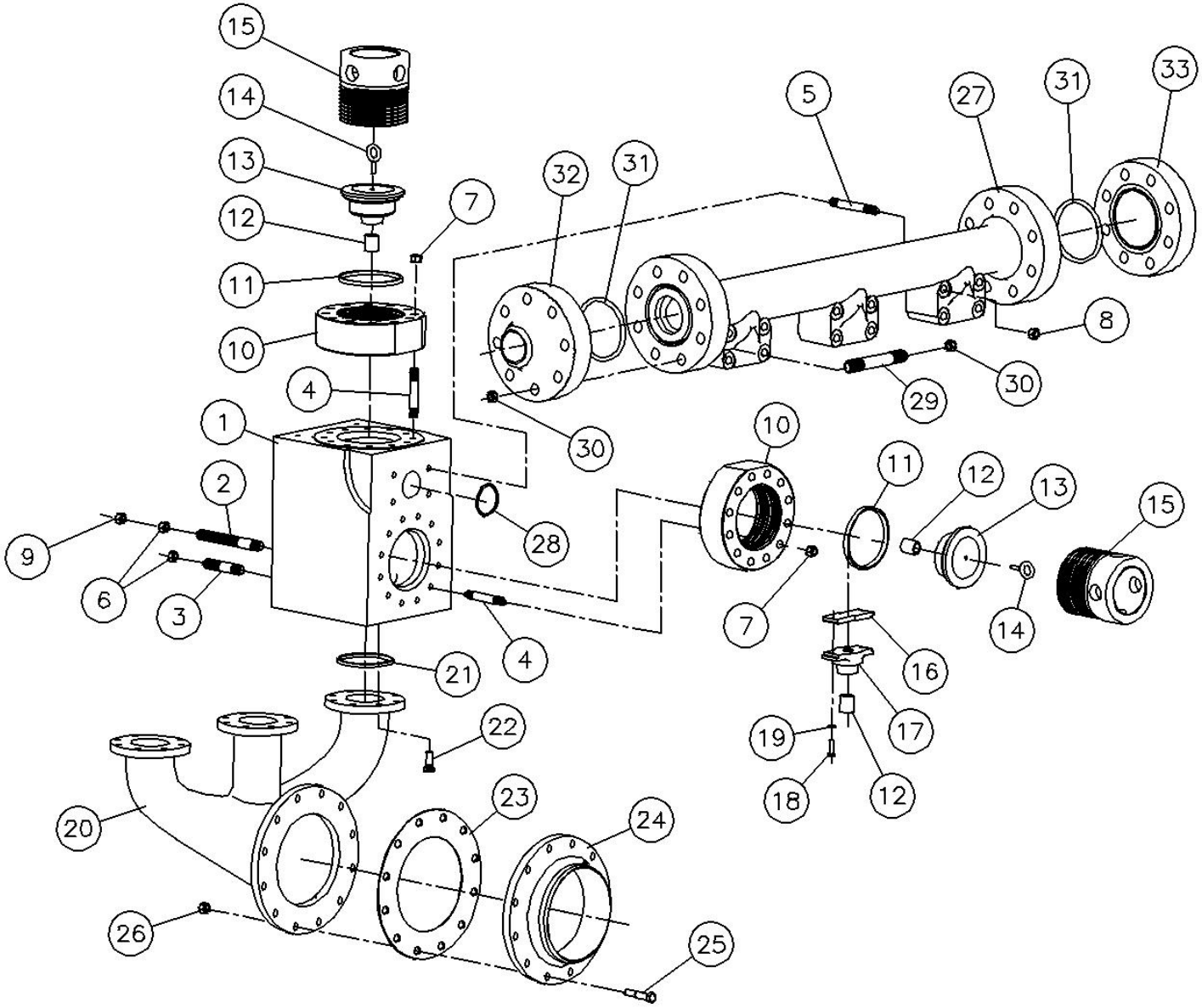
FOR LIST OF PARTS SEE PAGE 4

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

DRIVE PARTS

Ref. No.	Name of Part	Qty.	Part No.
1	JACKSHAFT	1	200PZL371
2	KEY-JACKSHAFT	1	200PZL062
3	SPACER, Jackshaft Bearing	2	GXH649
4	SLEAVE-WEAR	2	80M3
5	GASKET, Bearing Housing to Frame	2	25BC11
6	HOUSING-BEARING	2	200PZL006
7	SCREW, Bearing Housing to Frame	16	75A52
8	BEARING-ROLLER, Jackshaft	2	12W73
9	GASKET, Retainer Plate to Bearing Housing	2	25BC12
10	PLATE, Bearing Retainer	2	201PZL253
11	SCREW, Retainer Plate to Bearing Housing	16	655EG070
12	SEAL-OIL	2	60DD13
13	ECCENTRIC	1	200PZL255
14	GEAR-DRIVEN	1	200PZL280
15	SCREW, Gear to Eccentric	12	200PZL655
16	WIRE	144”	97A29
17	BEARING-ROLLER, Eccentric	2	12BA4
18	SHIM (.002)	6	201PZL732
19	SHIM (.005)	6	202PZL732
20	SHIM (.007)	6	203PZL732
21	SHIM (.020)	8	204PZL732
22	PLATE-RETAINER, Eccentric Bearing	2	200PZL168
23	SCREW, Retainer to Eccentric	16	75B148
24	WIRE	48”	97A29
25	CONNECTING ROD	3	200PZL003
	Includes Ref. Numbers: 26 & 27		
26	BOLT-CONNECTING ROD	6	PZ890
27	NUT, Connecting Rod Bolt	6	50B34
28	BEARING, Connecting Rod to Eccentric	3	12BA6
29	RING-RETAINING, Connecting Rod Bearing	1	74D5
30	PLATE-RETAINING, Bearing to Eccentric	14	1PZ1400
31	SCREW, Bearing to Eccentric	14	655EF05D
32	WIRE	672”	97A29
33	PLATE-RETAINING, Bearing to Connecting Rod	22	PZ1400
34	PLATE-RETAINING, Bearing to Connecting Rod	2	203PZL253
35	SCREW, Bearing to Connecting Rod	48	75B41
36	WIRE	288”	97A29
37	BEARING-ROLLER, Crosshead Pin	3	12BA5
38	PIN-LOCK	3	PZ838
39	SET SCREW	3	76F10
40	CROSSHEAD	3	200PZL005
41	RING-RETAINING, Bearing	3	200PZL706
42	PIN-CROSSHEAD	3	200PZL189
43	PLATE-RETAINER, Crosshead Pin	3	206PZL168
44	SCREW, Crosshead Pin Retainer	24	75AG17
45	WIRE	120”	97A29
46	ROD-EXTENSION	3	302PZL839
47	SCREW, Rod to Crosshead	18	PV701
48	WIRE	288”	97A29
49	PLATE-RETAINER, Oil Stop Head to Frame	6	202PZL168
50	ADAPTOR, for Rotating Shaft	1	2PO1398
51	SCREW, Adapter to Shaft	2	655EF050
*	COVER, Jackshaft (Not Shown)	1	200PZL490

5000 PSI WIDE BODY™ FLUID CYLINDER & MANIFOLD



Ref Drawing – 208PZL797

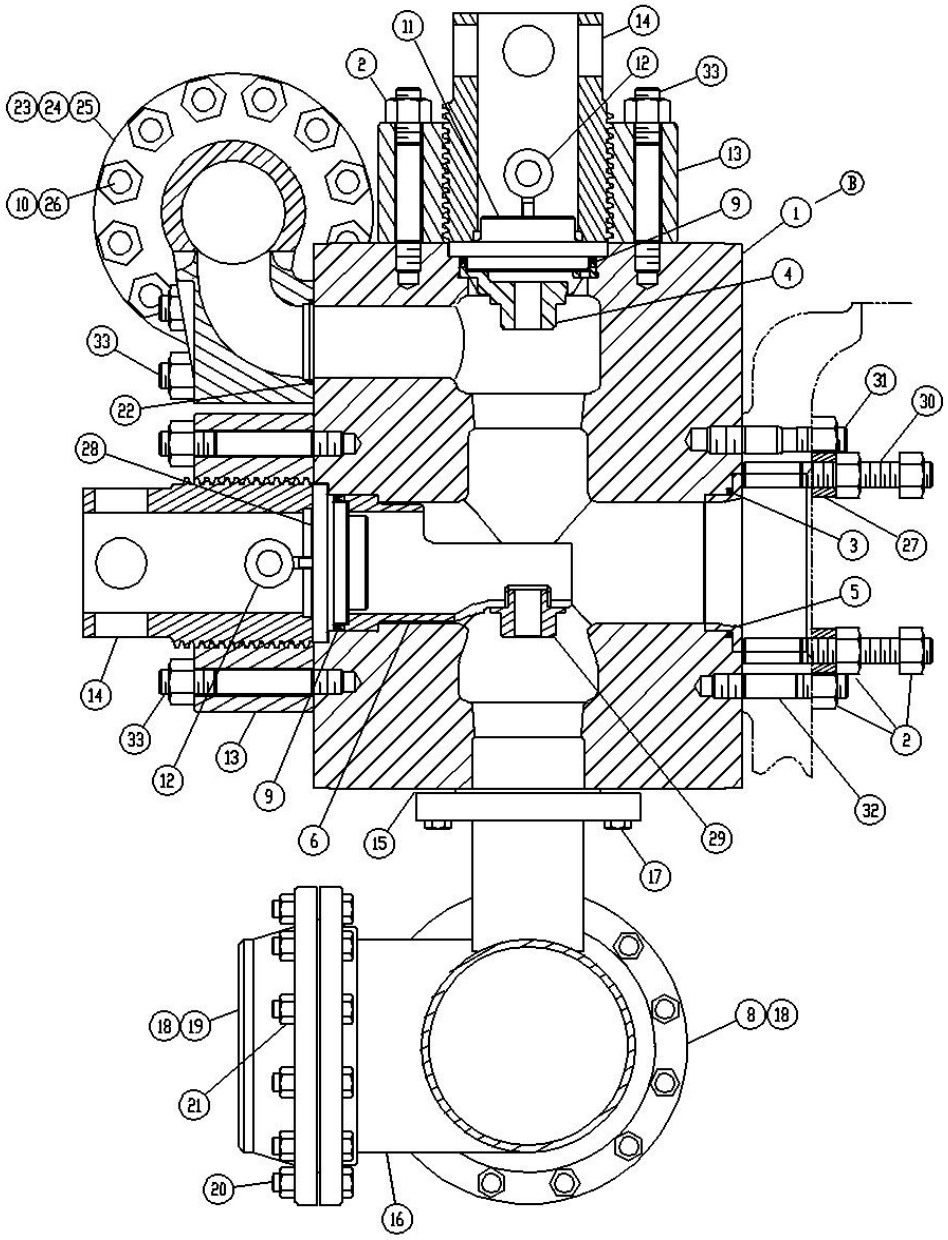
FOR LIST OF PARTS SEE PAGE 6

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

GENERAL SERVICE FLUID CYLINDER & MANIFOLDS – 5000 PSI

Ref. No.	Name of Part	Qty.	Part No.
	FLUID CYLINDER ASSEMBLY (Includes Reference Numbers 1 thru 5)	3	306PZL2039
	FLUID CYLINDER ASSEMBLY (Includes Reference Numbers 1 thru 9)	3	302PZL029B
1	CYLINDER-FLUID, 5000 PSI – WIDE BODY	3	302PZL029
2	STUD, Cylinder to Frame (Long)	24	201PZL110
3	STUD, Cylinder to Frame (Short)	24	205PZL110
4	STUD, Valve Cover Ring to Cylinder	72	204PZL110
5	STUD, Cylinder to Discharge Manifold	12	202PZL110
6	NUT, Cylinder to Frame Stud	36	50B36
7	NUT, Valve Cover Ring to Cylinder Stud	72	50B34
8	NUT, Cylinder to Discharge Manifold Stud	12	50B34
9	NUT, Liner Clamp	24	50B36
10	RING-VALVE COVER	6	200PZL387
11	GASKET, Valve Cover	6	204PZL715
12	BUSHING, Suction Valve Guide	9	2007674
13	COVER-VALVE	6	200PZL147
14	BOLT-EYE	6	15P5
15	LOCK-COVER	6	301PZL587
16	PLATE-RETAINER	3	2011701
17	VALVE GUIDE ASSEMBLY, Includes Reference Numbers 12, 16, 18 & 19	3	200PZL483A
18	SCREW, Valve Guide to Retainer Plate	6	655EE06S
19	LOCKWASHER	6	95W2
20	MANIFOLD-SUCTION	1	200PZL069
21	GASKET, Suction Manifold to Cylinder	3	25BE41
22	SCREW, Suction Manifold to Cylinder	24	655EG08N
23	GASKET, Suction Manifold Flange	1	25C814N
24	FLANGE, Suction - Weldneck	1	64CU13
25	SCREW, Suction Flange to Manifold	12	75A150
26	NUT, Suction Flange to Manifold	12	50B9
27	MANIFOLD-DISCHARGE	1	201PZL071
28	GASKET, Discharge Manifold to Cylinder	3	25AL35
29	STUD, Discharge Manifold to Discharge Flange	16	209PZL110
30	NUT, Discharge Manifold to Discharge Flange	32	50AW11
31	GASKET, Discharge Manifold Flange	2	25V24
32	FLANGE, Discharge - Weldneck	1	64EB15
33	FLANGE, Discharge, Blind	1	64EB240

7500 PSI HIGH PRESSURE SERVICE FLUID CYLINDER & MANIFOLDS



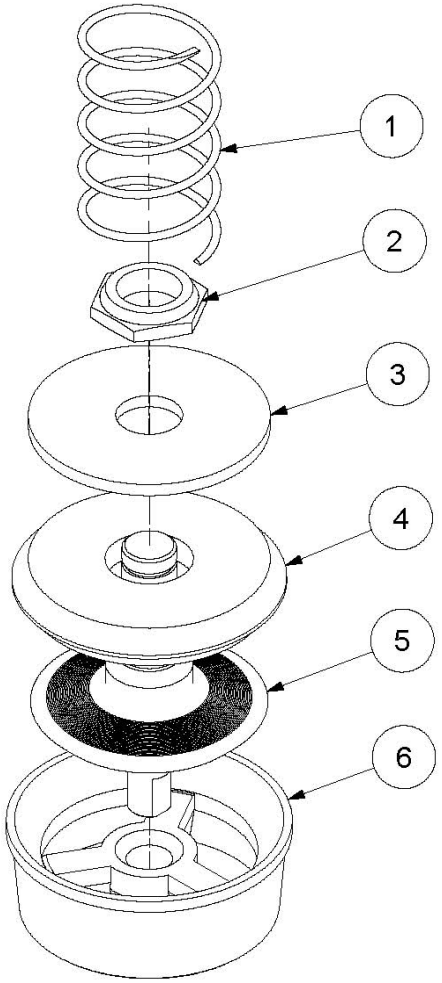
Ref Drawing – 300PZL810

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

7500 PSI HIGH PRESSURE SERVICE FLUID CYLINDER & MANIFOLDS

Ref. No.	Name of Part	Qty.	Part No.
	FLUID CYLINDER ASSEMBLY - Includes the following five parts:	3	300PZL2039
1	FLUID CYLINDER	3	300PZL029
30	STUD, Liner Clamp	36	302PZL110
31	STUD, Fluid Cylinder to Frame Alignment (Upper)	6	300PZL110
32	STUD, Fluid Cylinder to Frame (Lower)	6	303PZL110
33	STUD, Valve Cover Retainer and Discharge Manifold	84	301PZL110
2	NUT	168	50B36
3	SEAL	3	303PZL316
4	VALVE GUIDE (Upper)	3	302PZL483
5	WEAR RING	3	301PZL234
6	VALVE GUIDE RETAINER	3	301PZL205
8	FLANGE, Suction, Blind	2	2009671
9	SEAL	6	309PZL316
10	NUT	48	50AW61Z
11	VALVE COVER (Upper)	3	302PZL147
12	EYE BOLT	6	15P27
13	VALVE COVER RING	6	300PZL387
14	COVER LOCK	6	300PZL587
15	GASKET	3	25BE41
16	SUCTION MANIFOLD	1	300PZL069
17	SCREW	24	655EG10N
18	RING GASKET	3	25C1154N
19	FLANGE, Weld Neck	1	64CU12
20	SCREW	36	75A150
21	NUT	36	50B9
22	SEAL	3	302PZL316
23	DISCHARGE MANIFOLD	1	302PZL071
24	GASKET	2	25BC638
25	FLANGE	2	64EB838
26	STUD, Discharge Flange	24	305PZL110
27	BUSHING	12	300PZL229
28	VALVE COVER (Lower)	3	303PZL147
29	VALVE GUIDE (Lower)	3	303PZL483

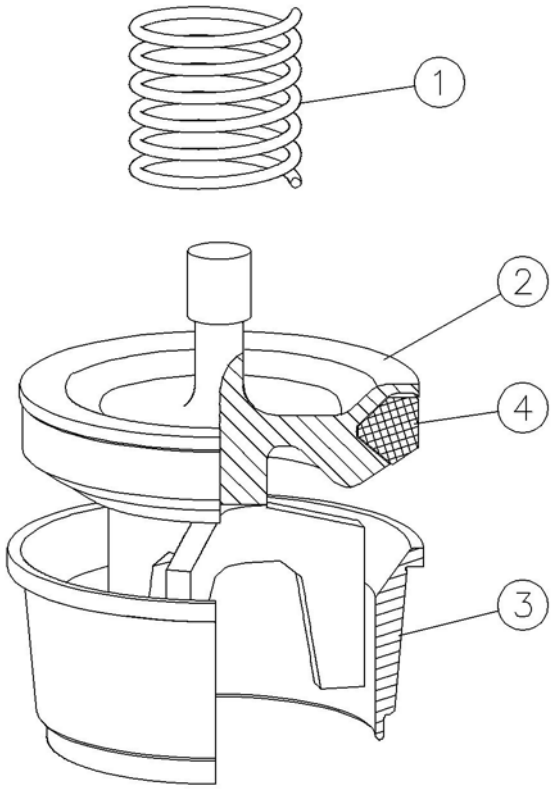
STEM GUIDED VALVE – STEEL FITTED
(General Service – 5000 PSI)



Ref Drawing – 327PZL810

Ref. No.	Name of Part	Qty.	Part No.
	WITH **POLYURETHANE** INSERT		
	FLUID VALVE ASSEMBLY	6	202PZL482A
1	SPRING, Valve	6	78H44
2	LOCKNUT, Valve	6	50V27
3	WASHER, Valve	6	201PZL279
4	INSERT, Valve (Polyurethane)	6	201PZL106
5	VALVE-FLUID	6	202PZL482
6	SEAT-VALVE	6	202PZL039

Ref. No.	Name of Part	Qty.	Part No.
	WITH **CARBOXYLATED** NITRILE INSERT		
	FLUID VALVE ASSEMBLY	6	202PZL482B
1	SPRING, Valve	6	78H44
2	LOCKNUT, Valve	6	50V27
3	WASHER, Valve	6	201PZL279
4	INSERT, Valve (Carboxylated)	6	202PZL106
5	VALVE-FLUID	6	202PZL482
6	SEAT-VALVE	6	202PZL039

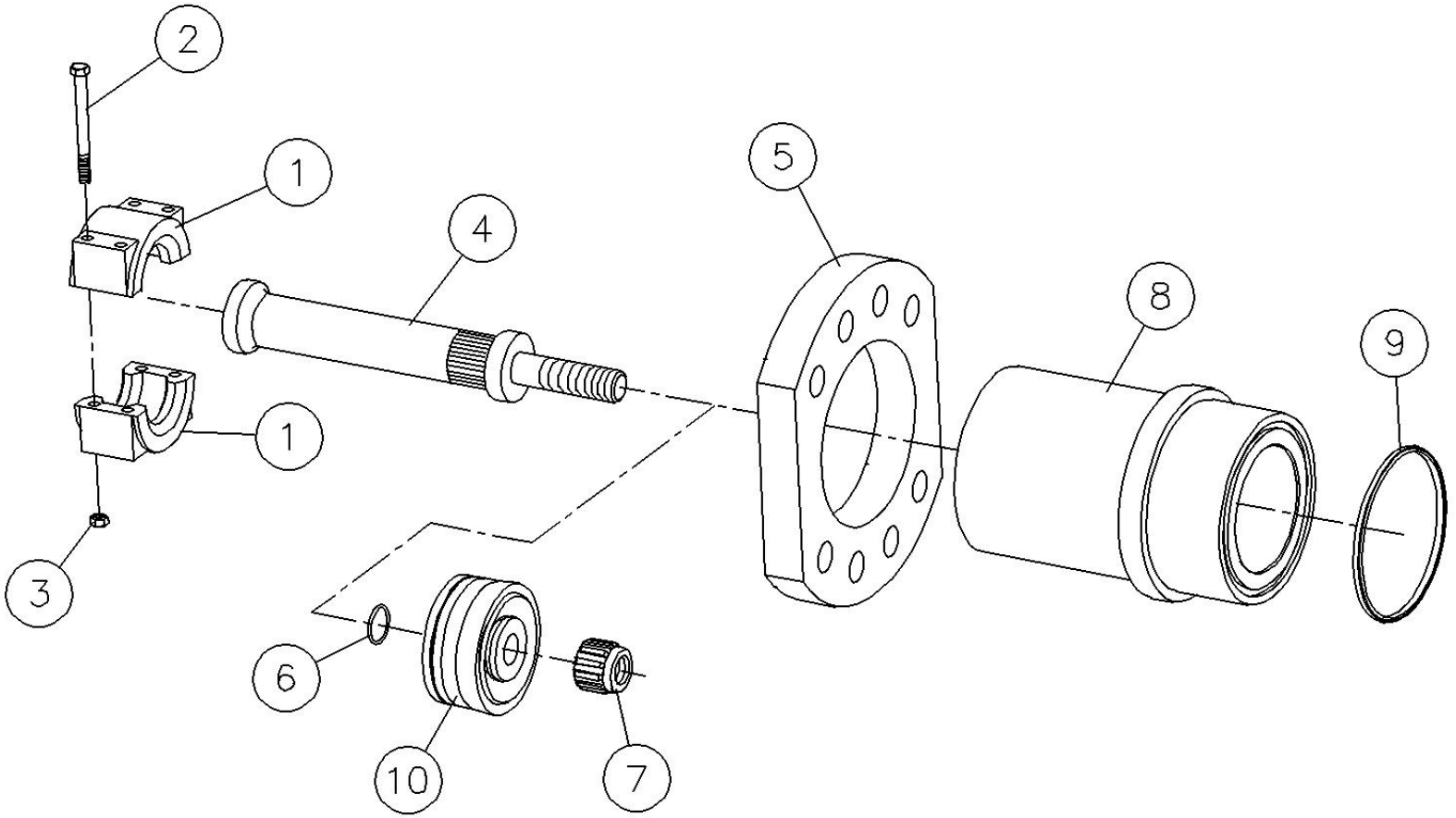


FULL OPEN VALVE
(High Pressure Service – 7500 PSI)

Ref. No.	Name of Part	Qty.	Part No.
	FLUID VALVE ASSEMBLY	6	300PZL4030
1	SPRING, Valve	6	2117313
2	VALVE-FLUID (Includes Ref Number 4)	6	300PZL482
3	SEAT-VALVE	6	300PZL039
4	INSERT, Valve (Polyurethane)	6	2117312

Ref Drawing – 303PZL797

PISTON & LINER ASSEMBLY



Ref Drawing - 324PZL810

FOR LIST OF PARTS SEE PAGE 12

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

PISTON ROD & COUPLING
(General Service – 5000 PSI)

Ref. No.	Name of Part	Qty.	Part No.
	PLUNGER COUPLING ASSEMBLY		
	Includes Ref. Numbers 1 Thru 4	3	200PZL4065
1	COUPLING, Plunger	6	201PZL092
2	SCREW, Coupling	12	655EE22S
3	LOCKNUT	12	50AW35
4	ROD-PISTON	3	200PZL060
5	CLAMP, Liner	3	200PZL455
6	O-RING	3	25AH1
7	NUT-LOCK	3	50V14
*	WRENCH	1	99L11

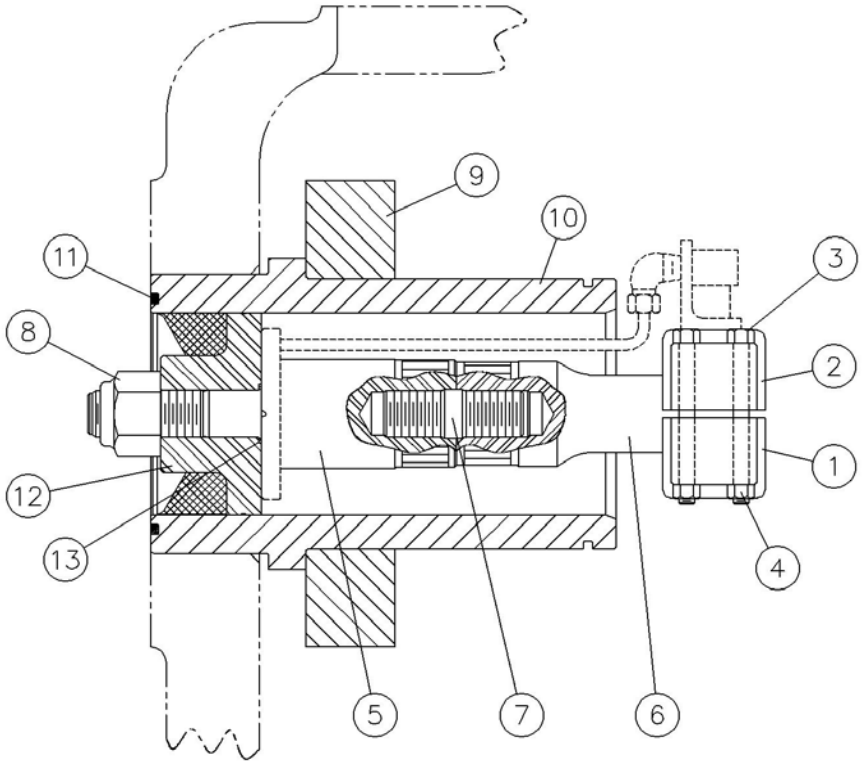
STANDARD PISTONS & LINERS

Ref. No.	Name of Part	Qty.	7.00" Part No.	6.50" Part No.	6.00" Part No.	5.50" Part No.
8	LINER-FLUID	3	200PZL456	201PZL456	202PZL456	203PZL456
9	GASKET, Liner	3	315PZL316	315PZL316	315PZL316	315PZL316
10A	PISTON, 1 piece composite (STD)	3	325PZL350	324PZL350	322PZL350	321PZL350
10B	PISTON, High Temperature (BLUE)	3	316PZL350	315PZL350	313PZL350	312PZL350
10C	PISTON, Water Service (Rubber)	3	310TBB350	309TBB350	307TBB350	306TBB350

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

PISTON ROD & COUPLING
(High Pressure Service – 7,500 PSI)

Ref. No.	Name of Part	Qty.	Part No.
	PLUNGER COUPLING ASSEMBLY		
	Includes Ref. Numbers 1, 2, 3 and 4	3	300PZL4065
1	COUPLING, Plunger – Top half	3	300PZL092
2	COUPLING, Plunger – Bottom half	3	201PZL092
3	SCREW – COUPLING	12	655EE22S
4	LOCKNUT – COUPLING SCREW	12	50AW35
5	PISTON ROD, Front	3	301PZL060S
6	PISTON ROD, Rear	3	302PZL060S
7	STUD, PISTON ROD	3	304PZL110
8	LOCKNUT	3	50V14
9	CLAMP – LINER	3	300PZL455
*	WRENCH	1	99L11

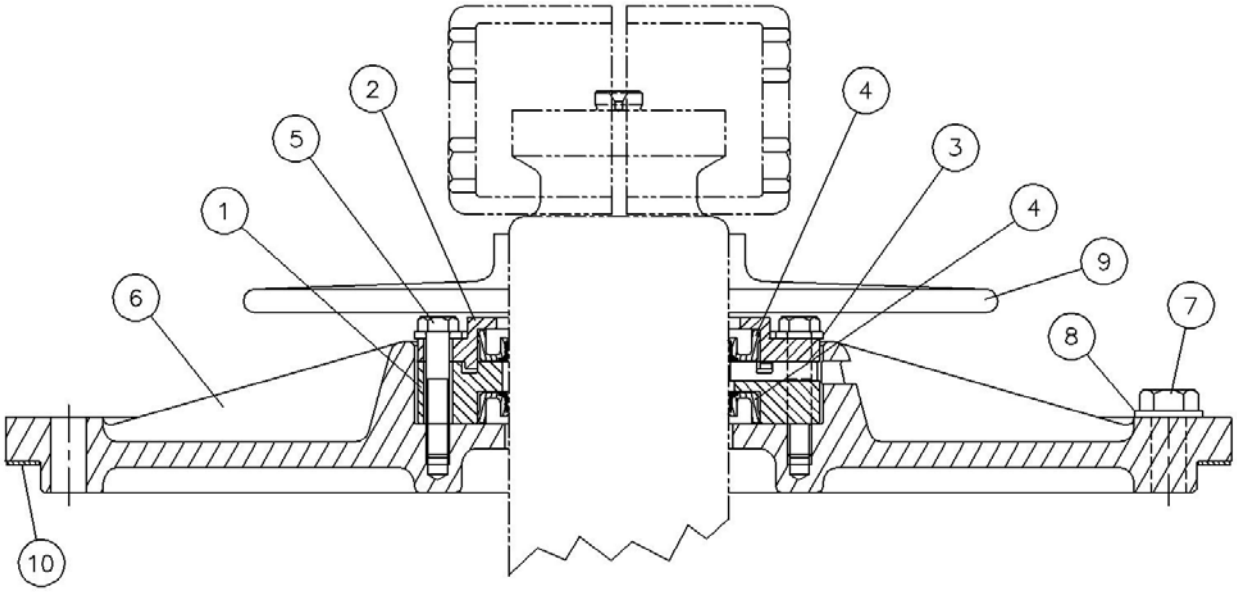


Ref Drawing – 329PZL810

PISTON & LINER
(High Pressure Service – 7,500 PSI)

Ref. No.	Name of Part	Qty.	6-1/2" Part No.	6" Part No.	5-1/2" Part No.	5 Part No.
10	LINER	3	300PZL4055	301PZL4055	302PZL4055	303PZL4055
11	GASKET, Liner	3	301PZL316	316PZL316	316PZL316	316PZL316
12	PISTON, 1 piece Composite	3	324PZL350	322PZL350	321PZL350	320PZL350
13	O-RING	3	25AH1	25AH1	25AH1	25AH1

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

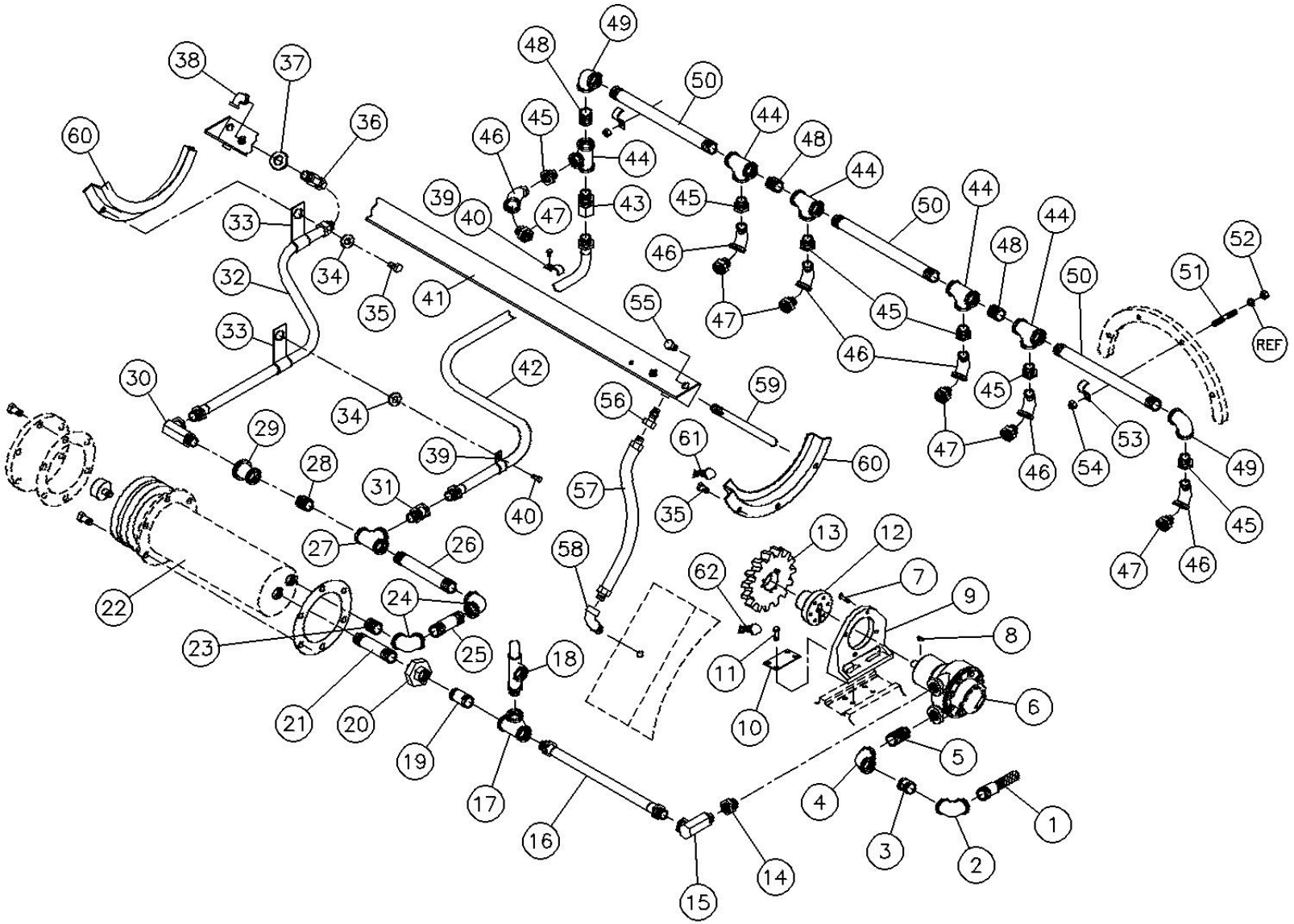


Ref Drawing – 319PZL810

"SELF ADJUSTING" OIL STOP HEAD PACKING ASSEMBLY

Ref. No.	Name of Part	Qty.	Part No.
	OIL STOP HEAD PACKING ASSEMBLY (Includes 1 thru 5)	3	301PZL4073
1	SEAL HOUSING – OIL STOP HEAD	1	300PZL362
2	SEAL HOUSING – OIL STOP HEAD	1	301PZL362
3	RETAINING PLATE – OIL STOP HEAD HOUSING	1	300PZL168
4	SEAL , Oil	2	2011872
5	SCREW	6	655ED08S
6	OIL STOP HEAD with WEEP HOLE	3	300PZL051
7	SCREW	22	655EE080
8	SEAL-FASTENER	24	25F9
9	BAFFLE	3	PZ840
10	GASKET	3	25BC13

INTERNAL OIL LUBRICATION PIPING



Ref Drawing – 205PZL797

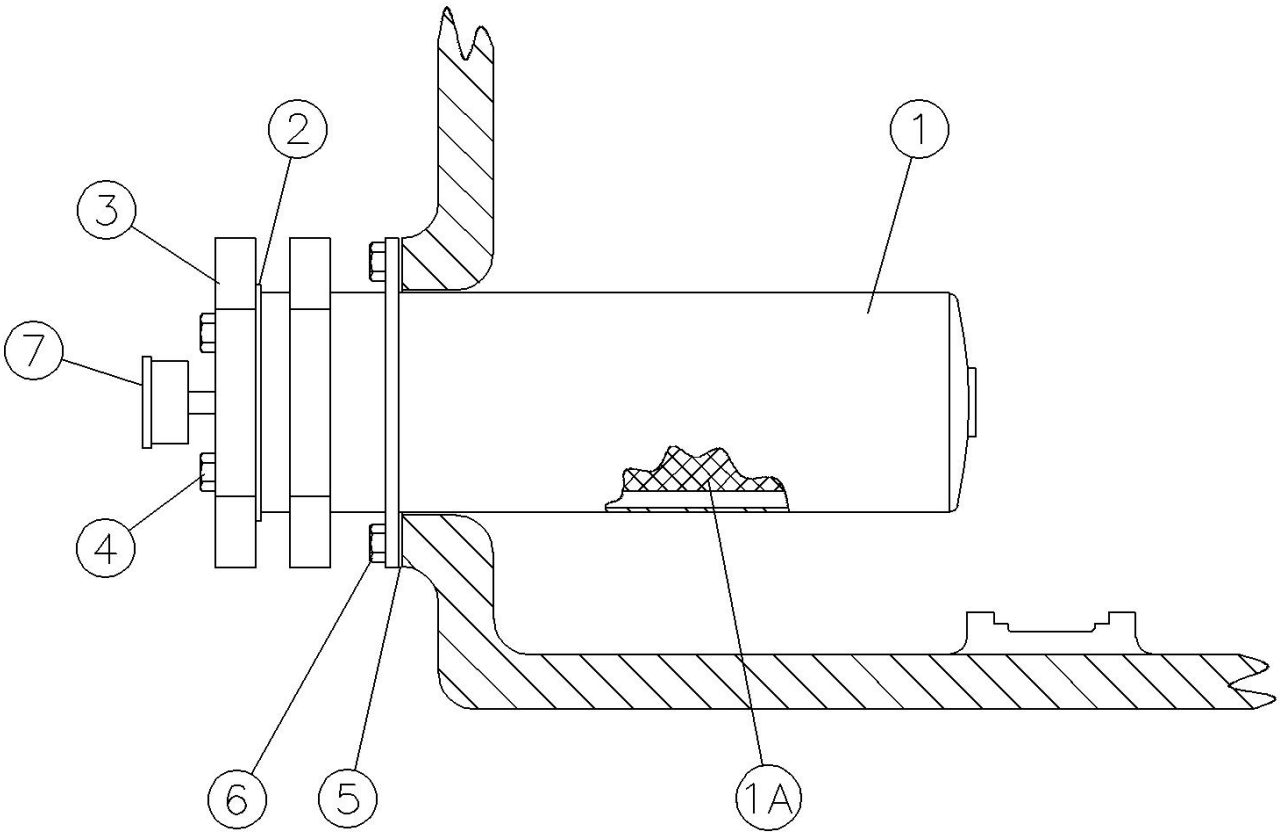
FOR LIST OF PARTS SEE PAGE 16

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

INTERNAL OIL LUBRICATION PIPING

Ref No.	Name of Part	Qty.	Part No.
1	SCREEN-OIL	1	3WAJ511
2	ELBOW-PIPE	1	64C8
3	NIPPLE-PIPE	1	63U24X16
4	ELBOW-PIPE	1	64S12
5	NIPPLE-PIPE	1	63H1
6	PUMP-OIL	1	201PAH188
7	SCREW	4	75A35N
8	KEY	1	35D2
9	BRACKET, Oil Pump Mounting	1	200PZL170
10	PLATE, Oil Pump to Frame	1	PY526
11	SCREW, Bracket to Frame	4	655ED05D
12	BUSHING, Gear	1	22F12SD
13	GEAR-DRIVEN, Oil Pump	1	201PZL280
14	BUSHING-PIPE	1	64E36
15	ADAPTOR	1	29Q17
16	HYDRAULIC HOSE ASSEMBLY	1	29R125
17	TEE-PIPE	1	64G7
18	PRESSURE RELIEF VALVE	1	90Q22
19	NIPPLE-PIPE	1	63U12X16
20	UNION, Straight	1	64Z10
21	NIPPLE-PIPE	1	63U12X34
22	FILTER-OIL (See Page 20)	1	26C18
23	NIPPLE-PIPE	1	63U12X13
24	ELBOW-PIPE	2	64C5
25	NIPPLE-PIPE	1	63U12X22
26	NIPPLE-PIPE	1	63U12X60
27	TEE-PIPE	1	123738
28	NIPPLE-PIPE	1	63V8X11
29	REDUCER-PIPE	1	64N25
30	ADAPTOR	1	29Q17
31	ADAPTOR	1	29Q6
32	HYDRAULIC HOSE ASSEMBLY	1	29Z111
33	CLAMP, Hose to Frame	2	PZ1301
34	WASHER	2	95A5
35	SCREW, Jackshaft Bearing Oil Trough	6	655EE03D
36	ADAPTOR	1	29Q16
37	WASHER	3	95F10
38	ELBOW-PIPE	1	64C5
39	CLAMP, Hose	2	98H4
40	SCREW	2	75LM150
41	TROUGH, Oil Feed	1	201PZL125
42	HYDRAULIC HOSE ASSEMBLY	1	PP1000609
43	ADAPTOR	1	29Q6
44	TEE-PIPE	5	64G6
45	BUSHING-PIPE	6	64E23
46	ELBOW-PIPE	6	64X1
47	NOZZLE	6	2009982
48	NIPPLE-PIPE	3	63F21
49	ELBOW-PIPE	2	64C4
50	NIPPLE-PIPE	3	63N8X160
51	STUD	2	79H1
52	NUT	2	50B5
53	CLAMP	2	200PZL654
54	LOCKNUT	2	50V44
55	SCREW, Trough to Frame	2	655EF040
56	ADAPTOR	2	29Q54
57	HYDRAULIC HOSE ASSEMBLY	2	29Z35
58	ELBOW-PIPE	2	64D4
59	NIPPLE-PIPE, Trough to Jackshaft	2	63AJ6X140
60	TROUGH, Jackshaft Bearing Oil	2	202PZL125
61	WIRE	96"	97A29
62	WIRE	24"	97A29
REF	SEAL-FASTENER	24	25F9

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

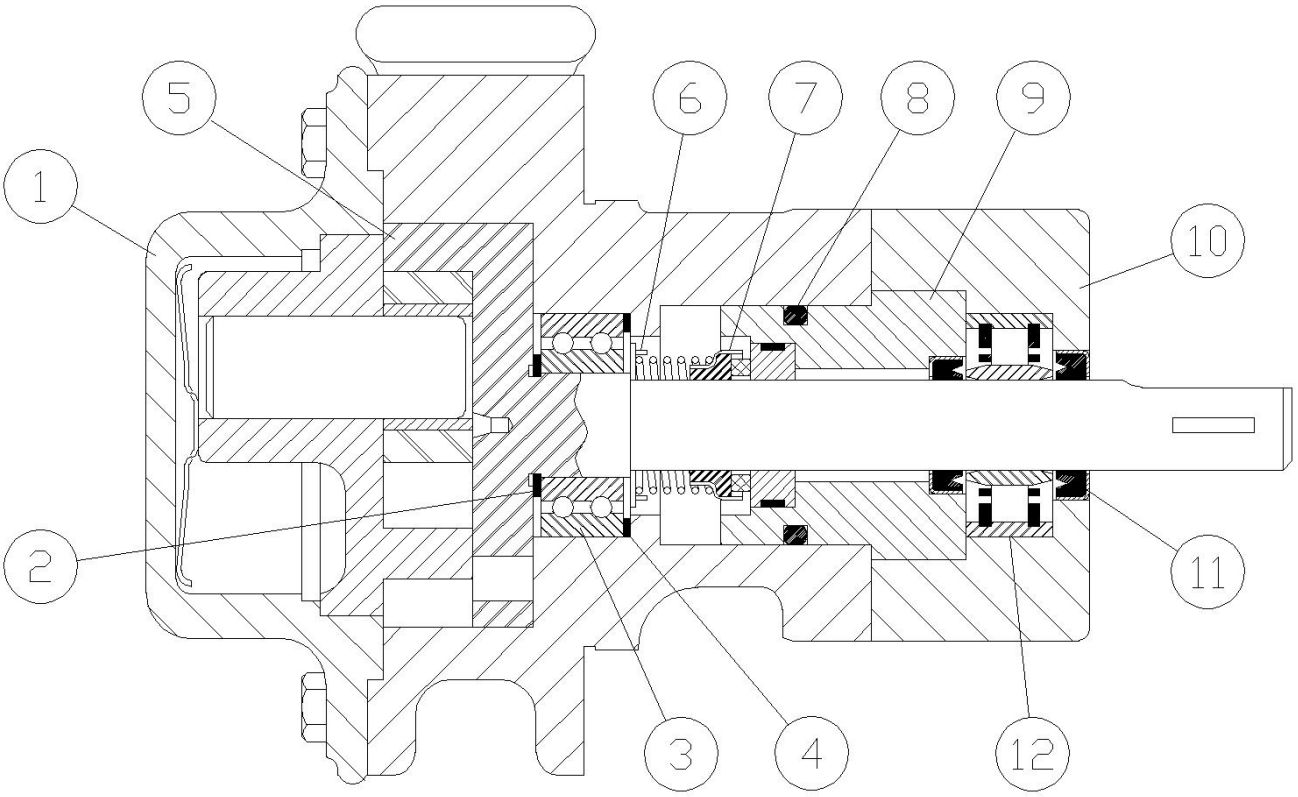


Ref Drawing - 323PZL810

OIL FILTER

Ref. No.	Name of Part	Qty.	Part No.
1	OIL FILTER ASSEMBLY, Includes Reference Nos. 1A thru 4	1	26C18
1A	ELEMENT ASSEMBLY, Includes Reference No. 3	1	5E30
2	GASKET	1	2109771
3	COVER	1	2109770
4	SCREW	4	75A54
5	GASKET, Filter to Frame	1	25C1788N
6	SCREW, Hex Cap, Filter to Frame	6	655EF050
7	GAUGE, Oil Pressure (100 psi)	1	2009742

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

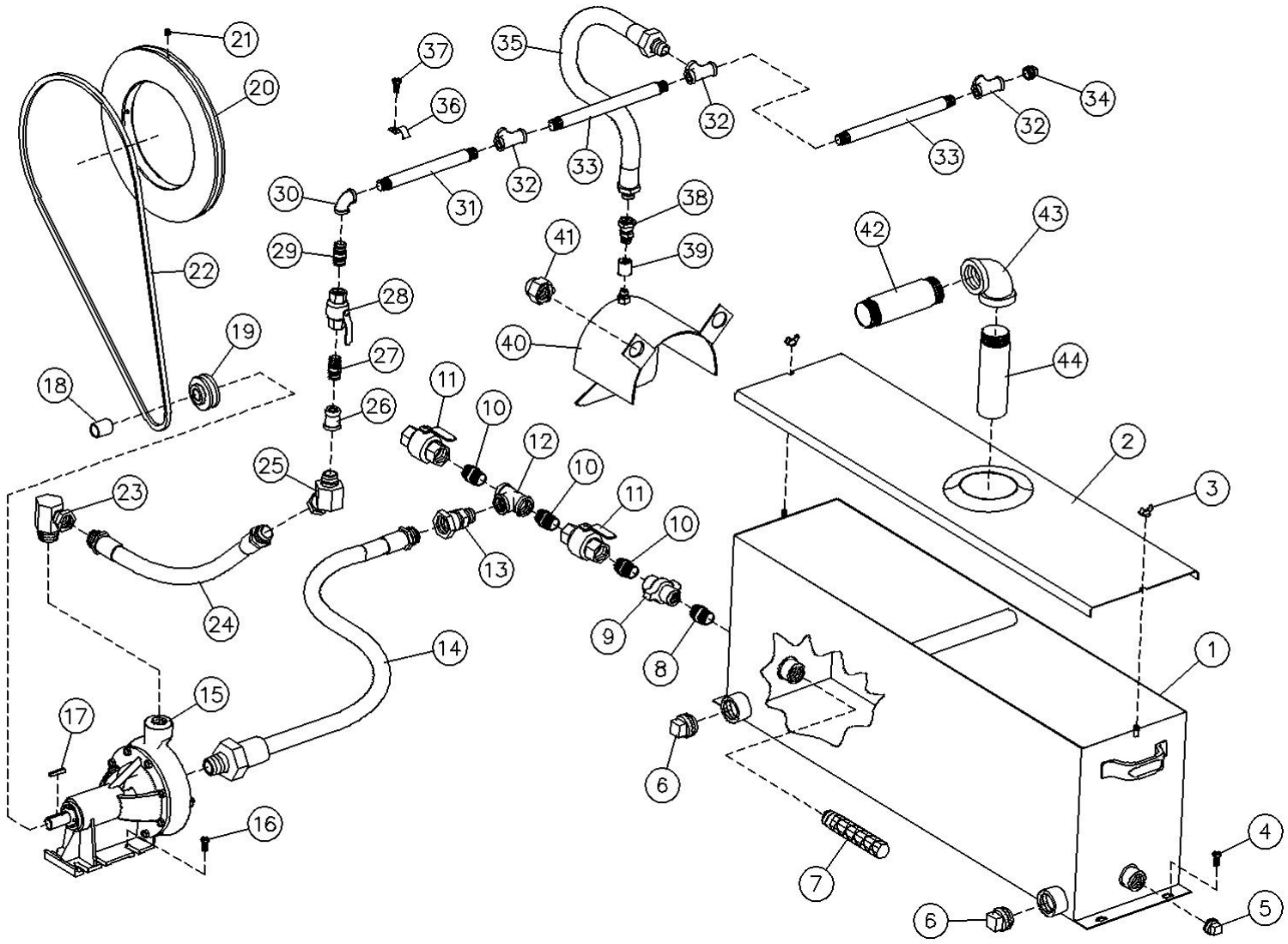


Ref Drawing – 305PXL799

SUMP OIL CIRCULATING PUMP

Ref. No.	Name of Part	Qty.	Part No.
	OIL PUMP ASSEMBLY	1	201PAH188
1	COVER	1	2010987
2	WASHER	1	2010992
3	BEARING-BALL	1	2010993
4	SHIM, Bearing	1	2010994
5	ROTOR	1	2010995
6	WASHER	1	2010996
7	SEAL, Mechanical	1	2109003
8	O-RING	1	2109004
9	PLUG, Housing	1	2010997
10	HOUSING, Bearing	1	2109005
11	SEAL, Bearing Housing	1	2010998
12	BEARING-ROLLER	1	2010999
*	PLUG, Suction Vent	1	2109000
*	PLUG, Discharge Vent	1	2109001
*	WASHER, Vent Plug	1	2109002

PISTON ROD WASH PIPING – 5000 PSI



Rer Drawing – 325PZL810

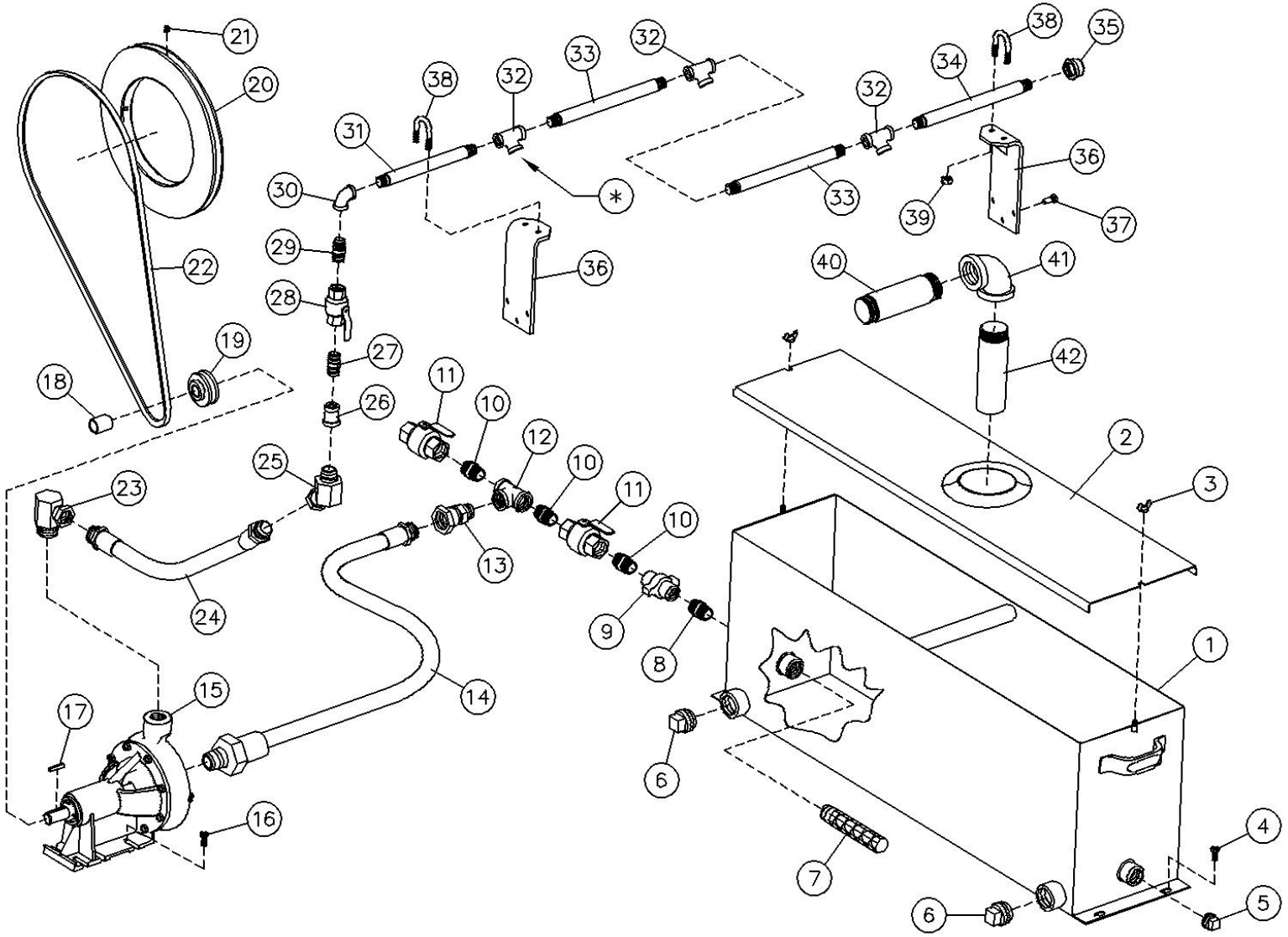
FOR LIST OF PARTS SEE PAGE 20

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

PISTON ROD WASH PIPING
(General Service – 5000 PSI)

Ref No.	Name of Part	Qty.	Part No.
1	TANK, Rod Wash Recovery	1	200PZL250
2	COVER, Rod Wash Tank	1	2012655
3	NUT-WING	2	50H1
4	SCREW, Rod Wash Tank to Skid	4	75LM268
5	PLUG-PIPE	1	64A6
6	PLUG-PIPE	2	64A7
7	SCREEN-OIL	1	2WAJ511
8	NIPPLE-PIPE	1	63H25
9	UNION-HAMMER	1	64EB1
10	NIPPLE-PIPE	3	63H25
11	VALVE, Ball	2	90AR299
12	TEE-PIPE	1	64G8G
13	ADAPTOR-HOSE	1	29Q9
14	HYDRAULIC HOSE ASSEMBLY	1	29Z7
15	PUMP, Rod Wash, (See Page 24)		
	Includes Reference Number 17	1	CA122
16	SCREW, Rod Wash Pump to Skid	4	75LM51
17	KEY	1	35B4
18	BUSHING-SHEAVE	1	22E16B
19	SHEAVE	1	73K1A30
	SHEAVE ASSEMBLY (Items 20 & 21)	1	200PZL195A
20	SHEAVE	1	200PZL195
21	SCREW-SET, Sheave	2	76F30
22	BELT	1	13C79
23	ADAPTOR-HOSE	1	29Q10
24	HYDRAULIC HOSE ASSEMBLY	1	2009270
25	ADAPTOR-HOSE	1	29Q27
26	REDUCER-PIPE	1	64N3
27	NIPPLE-PIPE	1	63G1
28	VALVE, Ball	1	90A35
29	NIPPLE-PIPE	1	63G1
30	ELBOW-PIPE	1	64C5
31	NIPPLE-PIPE	1	63G9
32	TEE-PIPE	3	64P39
33	NIPPLE-PIPE	2	63N12X184
34	PLUG-PIPE	1	64A5
35	HYDRAULIC HOSE ASSEMBLY	3	29R31
36	CLAMP, Pipe	2	98H5
37	SCREW	2	75LM47
38	ADAPTOR-HOSE	3	29Q83
39	COUPLING-PIPE	3	64BK3
40	BAFFLE	3	200PZL840
41	NUT-ACORN	6	50Q30
42	NIPPLE-PIPE	1	63L28
43	ELBOW-PIPE	1	64C9
44	NIPPLE-PIPE	1	63AJ32X60

PISTON ROD WASH PIPING – 7500 PSI



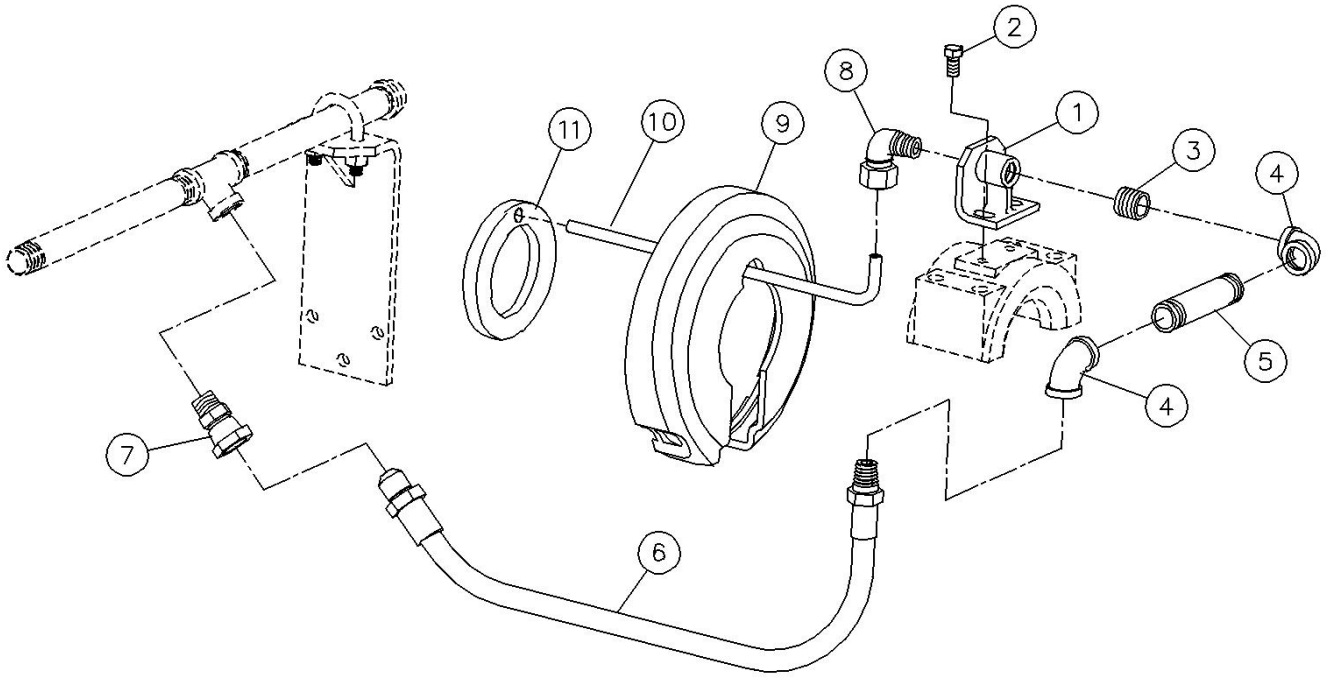
Rer Drawing – 326PZL810

FOR LIST OF PARTS SEE PAGE 22

PISTON ROD WASH PIPING
(High Pressure Service – 7500 PSI)

Ref No.	Name of Part	Qty.	Part No.
1	TANK, Rod Wash Recovery	1	200PZL250
2	COVER, Rod Wash Tank	1	2012655
3	NUT-WING	2	50H1
4	SCREW, Rod Wash Tank to Skid	4	75LM268
5	PLUG-PIPE	1	64A6
6	PLUG-PIPE	2	64A7
7	SCREEN-OIL	1	2WAJ511
8	NIPPLE-PIPE	1	63H25
9	UNION-HAMMER	1	64EB1
10	NIPPLE-PIPE	3	63H25
11	VALVE, Ball	2	90AR299
12	TEE-PIPE	1	64G8G
13	ADAPTOR-HOSE	1	29Q9
14	HYDRAULIC HOSE ASSEMBLY	1	29Z7
15	PUMP, Rod Wash, (See Page 24)		
	Includes Reference Number 17	1	CA122
16	SCREW, Rod Wash Pump to Skid	4	75LM51
17	KEY	1	35B4
18	BUSHING-SHEAVE	1	22E16B
19	SHEAVE	1	73K1A30
20	SHEAVE ASSEMBLY,		
	Includes Reference Number 21	1	200PZL195A
21	SCREW-SET, Sheave	2	76F30
22	BELT	1	13C79
23	ADAPTOR-HOSE	1	29Q10
24	HYDRAULIC HOSE ASSEMBLY	1	2009270
25	ADAPTOR-HOSE	1	20Q27
26	REDUCER-PIPE	1	64N3
27	NIPPLE-PIPE	1	63G1
28	VALVE, Ball	1	90A35
29	NIPPLE-PIPE	1	63G1
30	ELBOW-PIPE	1	64C5
31	NIPPLE-PIPE	1	63G19
32	TEE-PIPE	3	64P39
33	NIPPLE-PIPE	2	63N12X190
34	NIPPLE-PIPE	1	63N12X200
35	CAP-PIPE	1	64AD5
36	BRACKET, Rod Wash Manifold	2	301PZL017
37	SCREW	6	75LM51
38	U-BOLT	2	123684
39	NUT	4	50AQ3
40	NIPPLE-PIPE	1	63L28
41	ELBOW-PIPE	1	64C9
42	NIPPLE-PIPE	1	63AJ32X60

INDIVIDUAL PISTON ROD WASH ASSEMBLY – 7500 PSI

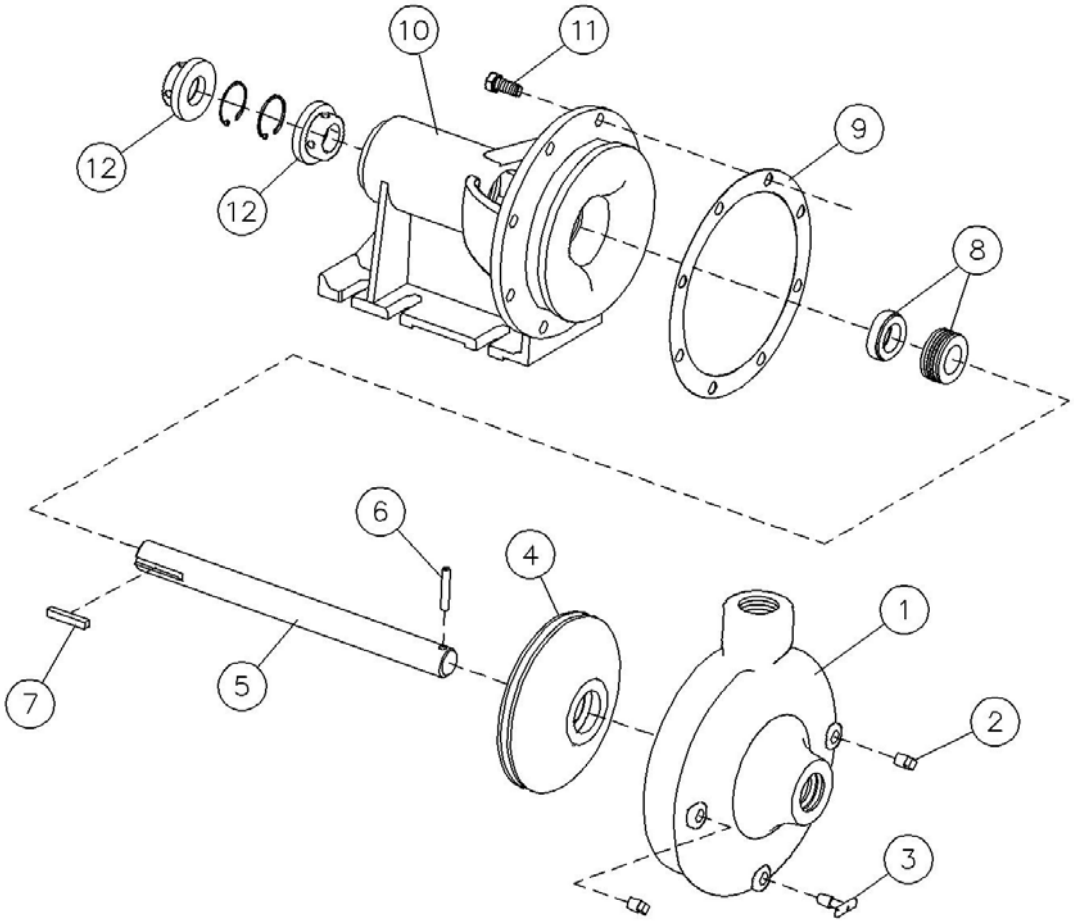


Ref Drawing 330PZL810

Ref. No.	Name of Part	Qty.	Part No.
1	BRACKET	3	300PZL017
2	SCREW	6	75LM150
3	NIPPLE-PIPE	3	63F33
4	ELBOW-PIPE	6	64C4
5	NIPPLE-PIPE	3	63F6
6	HYDRAULIC HOSE ASSEMBLY	3	29R29
7	ADAPTOR-HOSE	3	29Q6
8	FITTING-TUBE	3	86M18
9	BAFFLE	3	300PZL237
10	TUBE-FORMED	3	300PZL857
11	RING, Water Distribution	3	300PZL461

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

PISTON ROD WASH PUMP

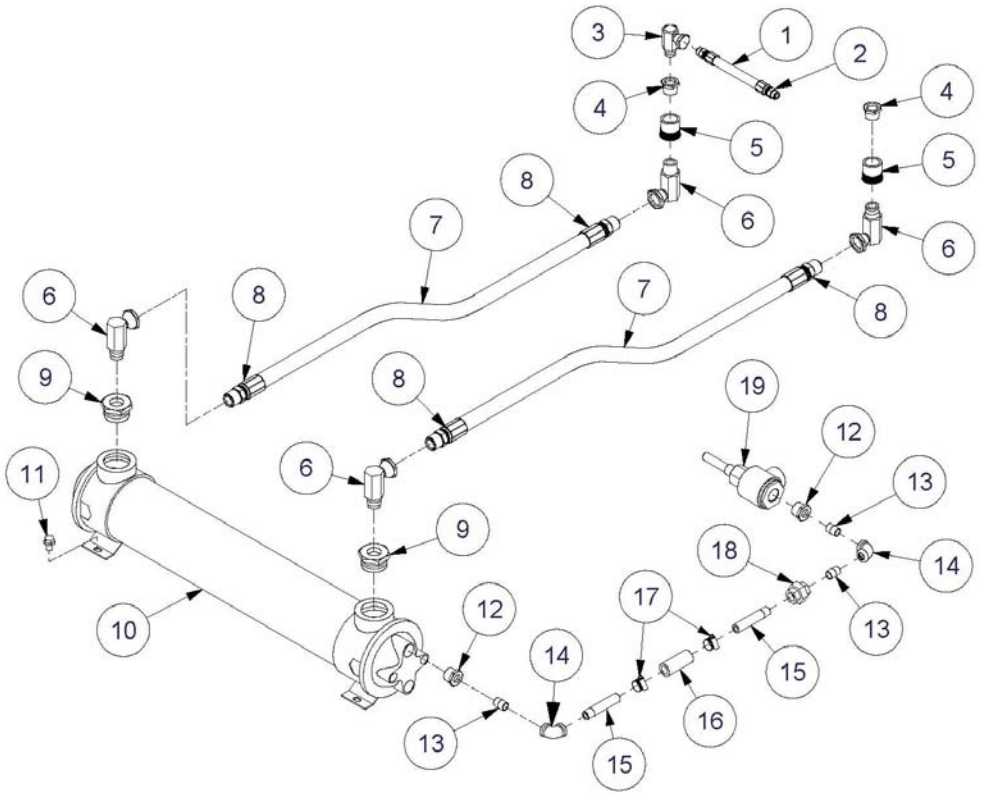


Ref Drawing – 328PZL810

Ref. No.	Name of Part	Qty.	Part No.
	PUMP ASSEMBLY, Includes All Parts Shown	1	CA122
1	HOUSING, Impeller	1	C1K2A1
2	PLUG-PIPE	2	64AA6
3	COCK, Drain	1	90C31
	IMPELLER ASSEMBLY, Includes Items 4, 5 & 6	1	C1K1A1A
4	IMPELLER	1	C1K1A1
5	SHAFT	1	C1H5C1
6	PIN	1	62R140
7	KEY	1	35B4
8	PACKING-SEAL	1	60BT11
9	GASKET	1	25D212
10	FRAME	1	C1H4A2
11	SCREW	8	75A130
12	BEARING, Inner & Outer That Includes Snap Rings	2	12AK3

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

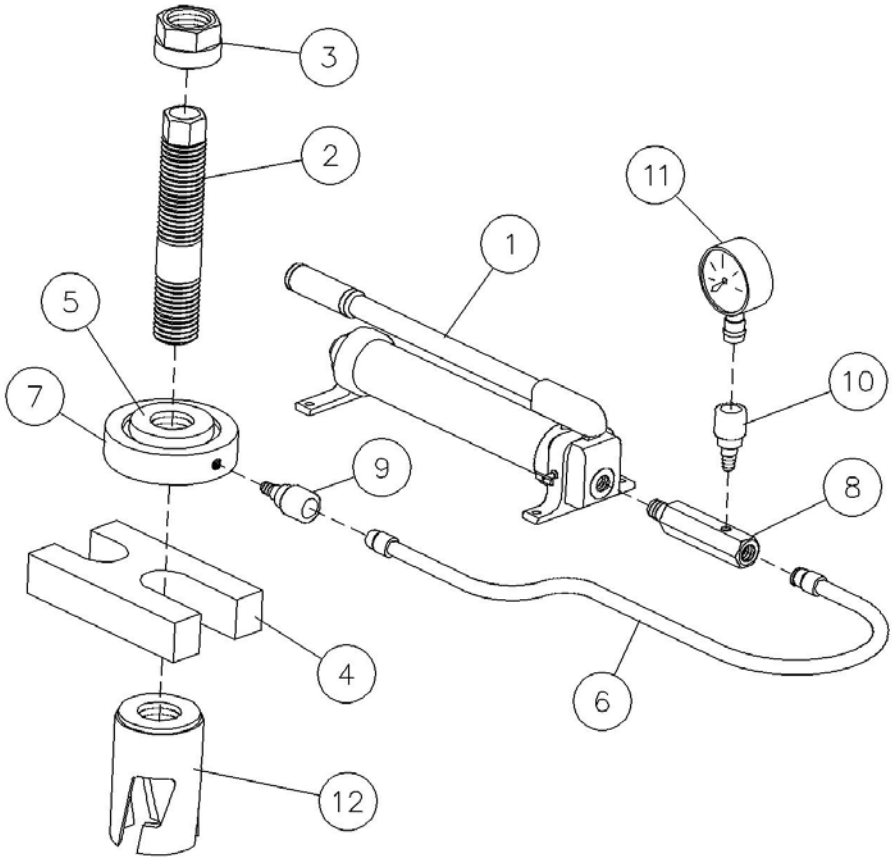
HEAT EXCHANGER GROUP (Optional)



Ref Drawing – 331PZL810

Ref No.	Name of Part	Qty.	Part No.
	HEAT EXCHANGER GROUP, Includes All Parts Shown		
1	HOSE, Hydraulic	1	R5F
2	COUPLING, Hose	2	29Q158
3	ADAPTOR, Hose	1	29Q17
4	BUSHING-PIPE	2	64E16
5	CONNECTOR, Frame	2	78AUX113
6	ADAPTOR, Hose	4	29Q10
7	HOSE, Hydraulic	2 – 7 FT	R5G
8	COUPLING, Hose	4	29Z83
9	BUSHING-PIPE	2	64E11
10	HEAT EXCHANGER	1	2013457
11	SCREW	4	75LM268
12	BUSHING-PIPE	2	64E29
13	NIPPLE-PIPE	3	63F21
14	ELBOW-PIPE	2	64C4
15	NIPPLE-PIPE	2	63AJ8X40
16	HOSE, Oil Proof	4 FT	R14G
17	CLAMP, Hose	2	29B31
18	UNION-PIPE	1	64Z3
19	VALVE, Thermostat	1	90K165
*	PLUG (zinc), Protective (Not shown)	1	2008076

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



Ref Drawing – 316PZG797

VALVE SEAT PULLER (OPTIONAL)

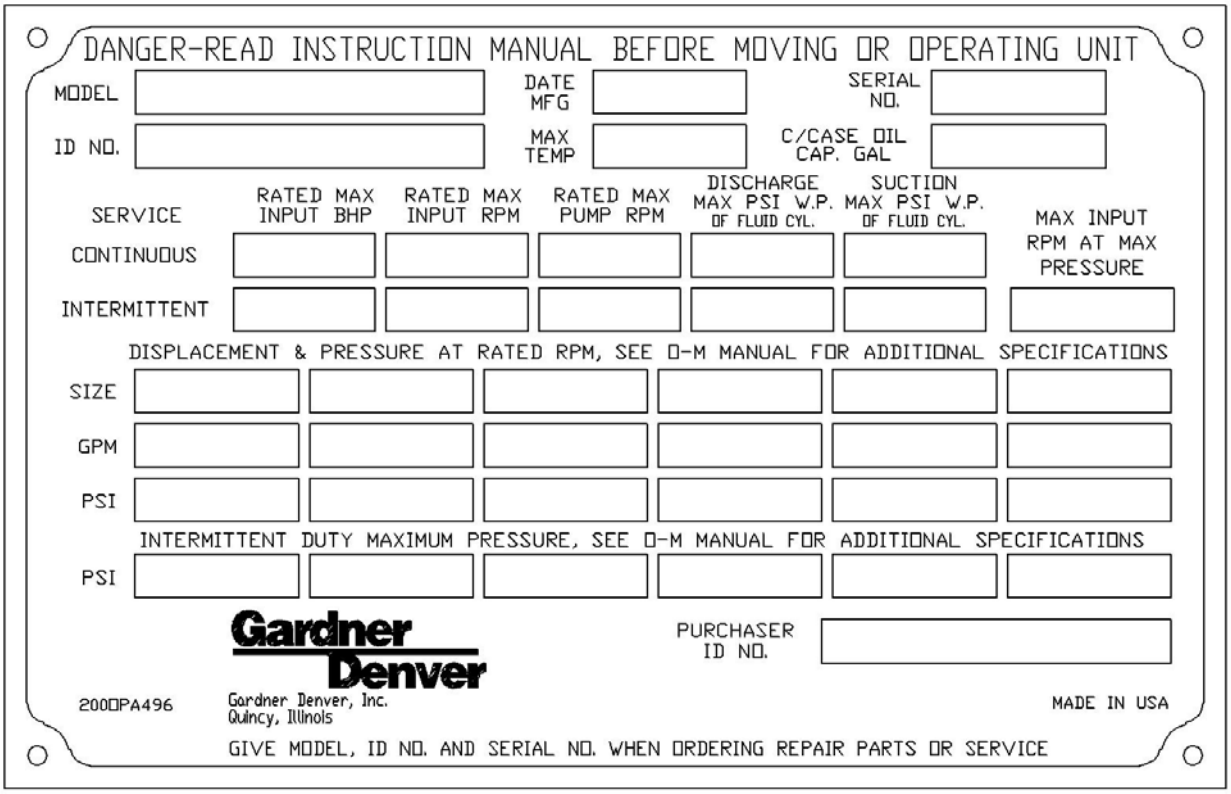
Ref No.	Name of Part	Qty.	Part No.
	VALVE SEAT PULLER ASSEMBLY	1	100E12
	Includes Items 1 thru 11, plus Carrying Case		
1	JACK, Hydraulic	1	2116728
2	STEM, Center	1	2117314
3	NUT, Center Stem	1	2117315
4	BASE, Puller H Bar	1	2116727
5	BUSHING, Center	1	2117316
*	BUSHING, Center	1	2117317
6	HYDRAULIC HOSE	1	2117318
7	PUMP, Hydraulic	1	2117319
8	ADAPTOR, Gauge	1	2117320
9	COUPLER, Quick	1	2117321
10	COUPLER, Gauge	1	2117322
11	GUAGE, 170 Ton	1	2117323
*	CARRYING CASE	1	2117055
	Puller heads are not included with 100E12 assembly.		
** 12	PULLER HEAD, for Center Guided Valve Seat	1	100E13
*	PULLER HEAD, for Full Opening Valve Seat	1	300PZL219
*	Not Shown		
**	Shown on Drawing		

OPTIONAL EQUIPMENT

Name of Part	Qty.	Part No.
BAR, Valve Cover Tightening	1	62L62
PIN, Valve Cover Tightening Bar	1	2009526
HYDRIL DAMPENER (K20-5000)	1	186511
HOSE, For Charging HYDRIL Dampener	1	200OPA127
TOOL, Piston Rod Nut Removal	1	200PZL074
PRESSURE GAUGE GROUP, Includes Next 3 Items:	1	PZL75283
GAUGE (0 - 6000 PSI)	1	27P70
NIPPLE	1	63V32X60
ELBOW	1	64EB241
PRESSURE RELIEF VALVE GROUP, Includes Next 4 Items:	1	PZL75284
PRESSURE RELIEF VALVE, Shear Type (500 - 5000 PSI)	1	5829653
NIPPLE-PIPE	1	63V48X60
ELBOW-PIPE	1	64EB242
ELBOW, STREET	1	64D14
DISCHARGE BLOCK GROUP, Includes:		
DISCHARGE BLOCK GROUP	1	PZL74435
DISCHARGE BLOCK GROUP, Includes Next 6 Items:	1	301PZG4067
GASKET	2	25V24
GASKET	2	25V17
FLANGE	1	191161
FLANGE	1	64EB240
FLANGE	1	64EB50
DISCHARGE BLOCK ASSEMBLY, Includes Next 5 Items:	1	300PZG4067
DISCHARGE BLOCK	1	205PZL231
STUD	24	206PZL110
NUT	24	50AW11
STUD	16	208PZL110
NUT	16	50AW13
SUPPORT GROUP ASSEMBLY, Includes Next 3 Items:	2	PZL75278
SUPPORT	2	201845T6
BASE	1	195100
BASE	2	5015475

GARDNER DENVER PUMP UNIT RECORD

The following unit identification plate is provided as a convenience to you, our valued Gardner Denver customer. Please take the time to copy all the information from the actual nameplate on your unit. The model number, date manufactured and serial number will be required when contacting the company or your distributor for information or replacement parts.



Ref. Drawing – 200OPA496

北京

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西安

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Gardner Denver - Fluid Transfer Division,
1800 Gardner Expressway, Quincy, Illinois 62301
Customer Service Department Telephone:
(800) 682-9868 FAX: (217) 223-1581

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