
GARDNER DENVER®

300WPD997 Rev A
July 2005

WELL SERVICING PUMP

MODEL

OPI-600

POWER END PARTS LIST

Gardner
Denver

OPI-600 WELL SERVICING PUMP

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 is incorporated in our genuine replacement parts.

Your authorized Gardner Denver Sales Office offers all the backup you'll need. The Tulsa Manufacturing Facility maintains a large inventory of genuine parts.

Gardner Denver supports your needs with these services:

1. Trained parts specialists to assist you in selecting the correct replacement parts.
2. Repair and maintenance kits designed with the necessary parts to simplify servicing your pump.

Authorized service technicians are factory trained and skilled in pump maintenance and repair. They are ready to respond and assist you by providing fast, expert maintenance and repair services.

For the location of your local authorized Gardner Denver distributor, refer to the yellow pages of your phone directory or contact:

Factory (Tulsa): Gardner Denver Well Servicing Pumps 4747 South 83 rd East Avenue Tulsa, Oklahoma 74145	Service Center (Odessa): Chaparral 2121 West 44 th Street Odessa, Tx 79768	Service Center (Ft. Worth): Geoquip 7533 Kathy Lane Ft. Worth, Texas 76126
Phone: (918) 664-1151 (800) 738-8099	Phone: (432) 366-5433 (800) 368-1134	Phone: (817) 249-6400 (800) 824-0271
Fax: (918) 664-6225	Fax: (432) 363-9940	Fax: (817) 249-6401

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 cylinder end of the frame (cradle area).

All orders for Parts should be placed with the Tulsa or Ft. Worth facility.

Where NOT specified, quantity of parts required per pump or unit is one (1); where more than one is required per unit, quantity is indicated in parenthesis. **SPECIFY EXACTLY THE NUMBER OF PARTS REQUIRED.**

TABLE OF CONTENTS

PARTS AND SUPPORT SERVICES.....	i
LIST OF FIGURES	ii
POWER END ASSEMBLY	1
OPTIONAL PARTS FOR MODIFIED POWER END ASSEMBLY	6
GEAR BOX ASSEMBLY	7
EXTERNAL LUBE ASSEMBLY	9

LIST OF FIGURES

Figure 1: OPI-600 Power End Top View.....	1
Figure 2: OPI-600 Power End Side View.....	1
Figure 3: OPI-600 Section A-A	2
Figure 4: OPI-600 Section B-B	2
Figure 5: OPI-600 Section C-C.....	3
Figure 6: OPI-600 Optional Parts for Modified Power End	6
Figure 7: OPI-600 Gear Box Assembly	7
Figure 8: OPI-600 Gear Box Assembly Section A-A.....	7
Figure 9: OPI-600 Lube Assembly, Drive Side View	9
Figure 10: OPI-600 Lube Assembly, Off-Drive Side View	9

POWER END ASSEMBLY

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

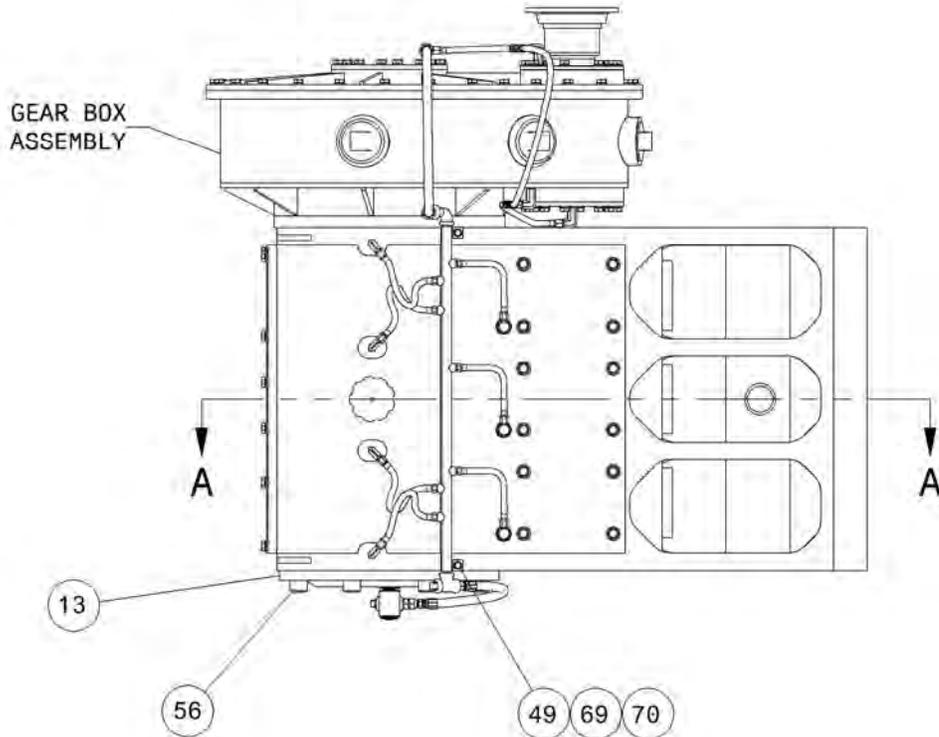


Figure 1: OPI-600 Power End Top View

(Ref. Drawing:
302WPD810)

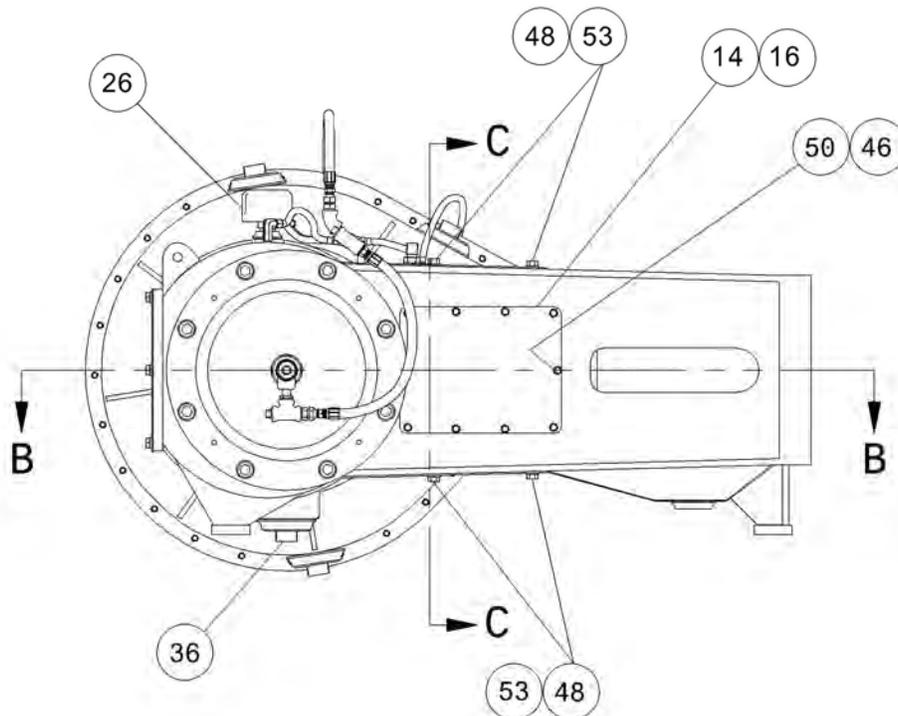


Figure 2: OPI-600 Power End Side View

POWER END ASSEMBLY (Continued)

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

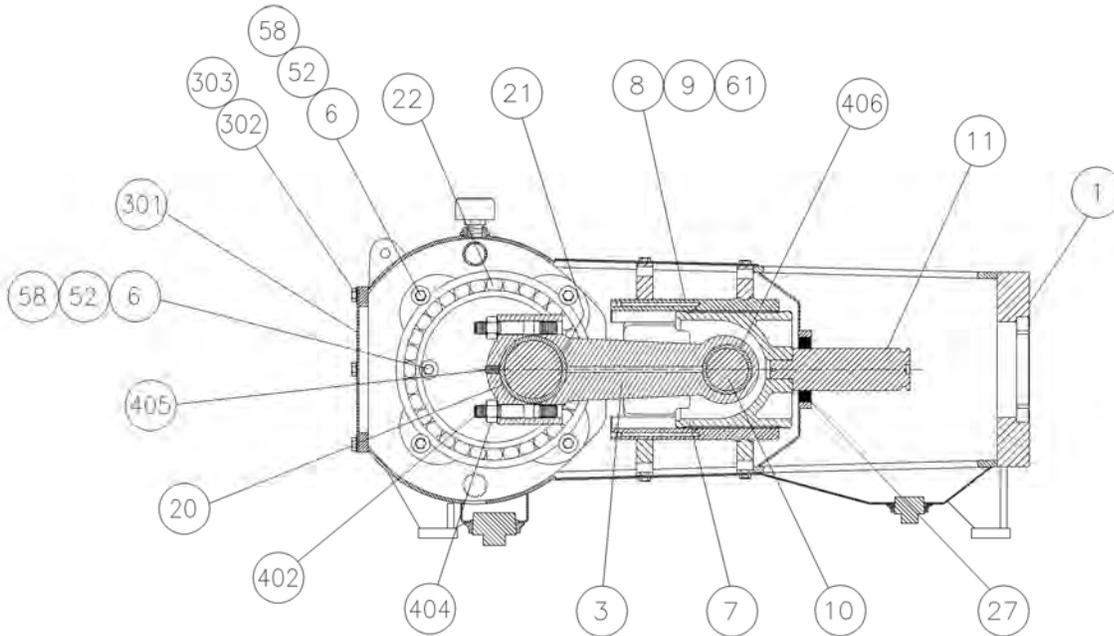


Figure 3: OPI-600 Section A-A

(Ref. Drawing:
302WPD810)

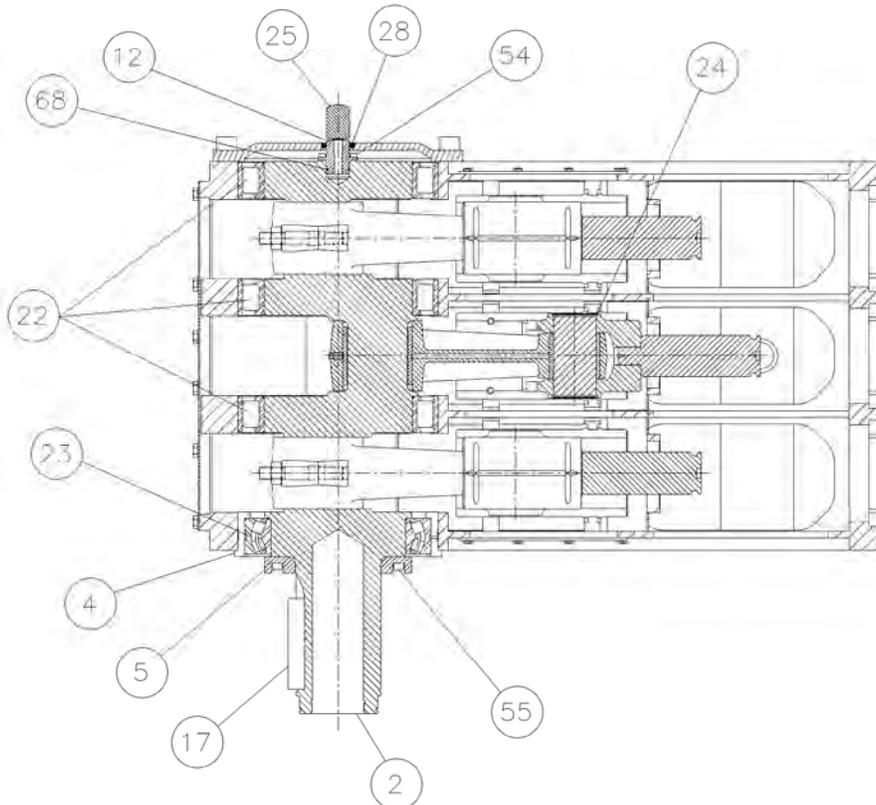
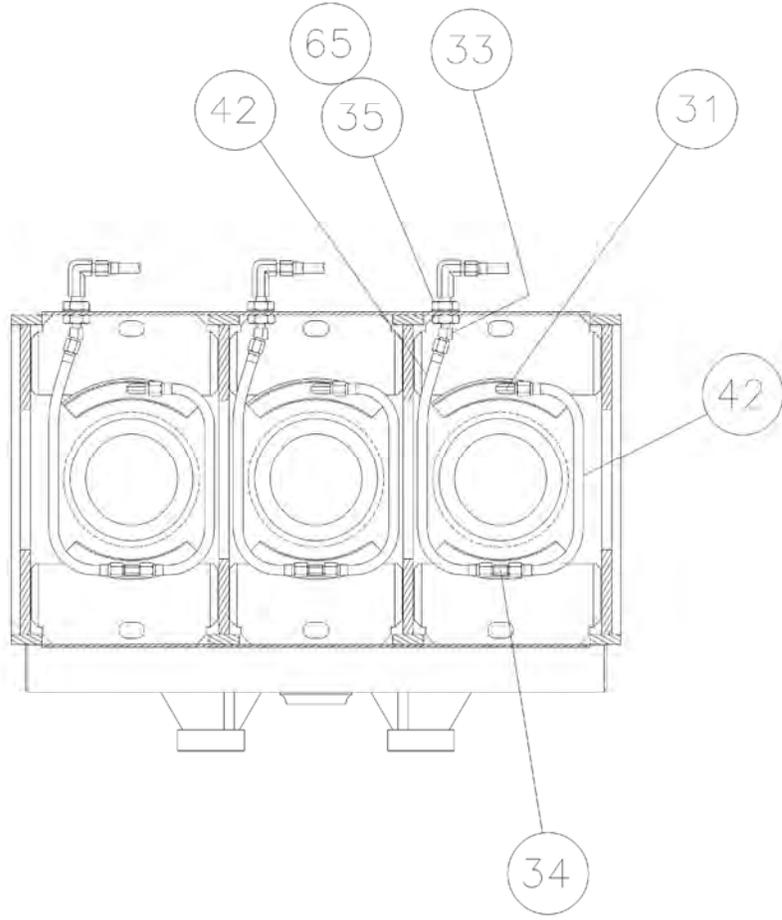


Figure 4: OPI-600 Section B-B

POWER END ASSEMBLY (Continued)

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



(Ref. Drawing:
302WPD810)

Figure 5: OPI-600 Section C-C

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

POWER END ASSEMBLY

Ref. No.	Name of Part	Qty.	Part No.
1	FRAME, POWER END	1	200WPD001
2	CRANKSHAFT	1	473PN13
3	ROD-CONNECTION (INCLUDES ITEMS 402-406)	3	200WPD003
4	ADAPTER, SPHERICAL BEARING	1	441PN03
5	RETAINER, SPHERICAL BEARING	1	490PN09
6	WASHER, RETAINER	38	480PN09
7	CROSSHEAD	3	540PN01
8	SLIDE, CROSSHEAD	6	545PN01
9	SHIM, CROSSHEAD SLIDE	1	481PN09
10	PIN-WRIST	3	630PN01
11	ROD-EXTENSION	3	285PN004
12	ADAPTER, ROTARY UNION	1	498PN04
13	COVER, CRANKSHAFT	1	580PN04
14	PLATE, CROSSHEAD INSPECTION	2	300WPD052
16	GASKET, CROSSHEAD INSPECTION PLATE	2	300WPD715
17	KEY	1	631PN02
19	SCREW (Not Shown)	8	75LM199
20	BEARING, ROD HALF	3	917PN02
21	BEARING, CAP HALF	3	917PN03
22	BEARING	3	925SH01-5
23	BEARING	1	925SH01-6
24	RING-RETAINING, WRIST PIN	6	926SH01-3
25	UNION-ROTARY	1	922PN03
26	BREATHER FILTER	1	910PN05
27	SEAL-OIL	3	901SH02-31
28	SEAL-OIL	1	901SH02-7
31	ADAPTER	3	119113
33	ADAPTER	3	29Z229
34	ADAPTER, TEE	3	86H106
35	COUPLING, BULKHEAD	3	968VP006-002
36	PLUG	1	971VP118-011
42	ASM-HOSE	6	916VP001-150
46	WASHER-LOCK	20	95B3
48	SEAL-THREAD	24	60DD35
49	SCREW	2	75A98
50	SCREW	20	655ED030
52	SCREW	21	655EE150
53	SCREW	24	655EE180
54	SCREW	4	75P188
55	SCREW	4	75P75
56	SCREW	8	75P152
58	NUT	17	50AW29

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

POWER END ASSEMBLY (CONTINUED)

Ref. No.	Name of Part	Qty.	Part No.
61	SHIM, CROSSHEAD	1	200WPD732
65	SEAL-THREAD	3	60DD677
68	O-RING	1	25W27
69	COUPLING	2	64BK1
70	WASHER-PLAIN	2	95F3
301	PLATE-INSPECTION	1	201WPD052
302	SCREW	14	75A136
303	WASHER-LOCK	14	95B5
402	STUD (INCLUDED WITH ITEM #3)	6	201WPD110
404	NUT-LOCK (INCLUDED WITH ITEM #3)	6	50V3
405	PIN-LOCK (INCLUDED WITH ITEM #3)	3	200WPD838
406	BUSHING (INCLUDED WITH ITEM #3)	3	917PN01

OPTIONAL PARTS FOR MODIFIED POWER END ASSEMBLY

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

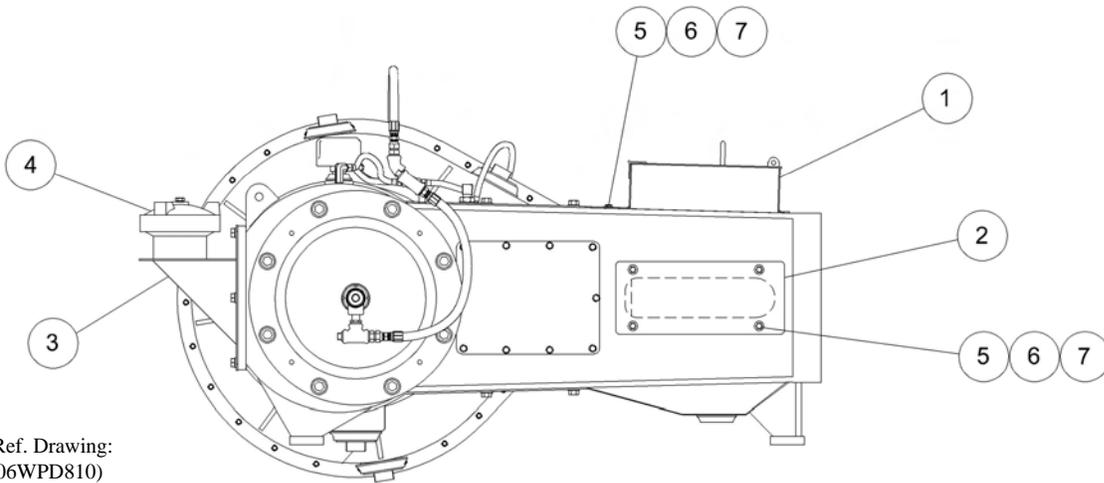
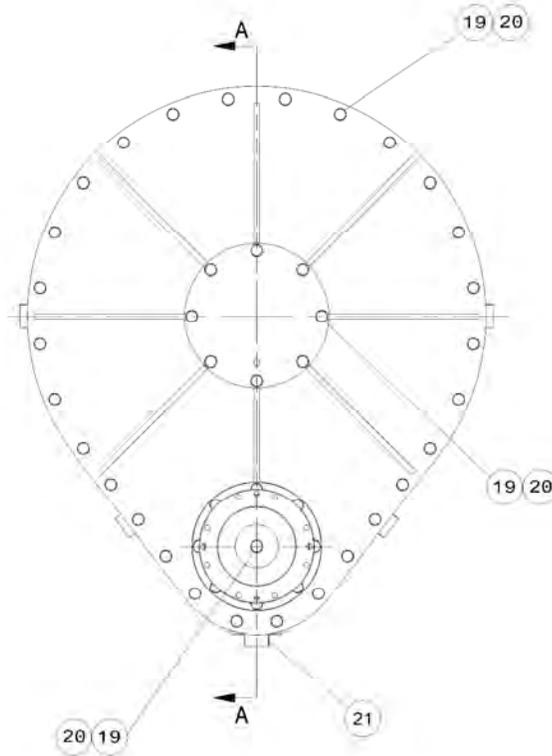


Figure 6: OPI-600 Optional Parts for Modified Power End

Ref. No.	Name of Part	Qty.	Part No.
1	COVER, CRADLE BOX	1	304WPD225
2	COVER, CRADLE SIDE	2	303WPD225
3	COVER-FILLER W/4" PORT (REQUIRES ITEM #4 BELOW)	1	300WPD156
4	CAP	1	415413000
5	SCREW	12	655EC040
6	WASHER-PLAIN	12	95A1
7	WASHER-LOCK	12	95B1

GEAR BOX ASSEMBLY

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



(Ref. Drawing:
304WPD810)

Figure 7: OPI-600 Gear Box Assembly

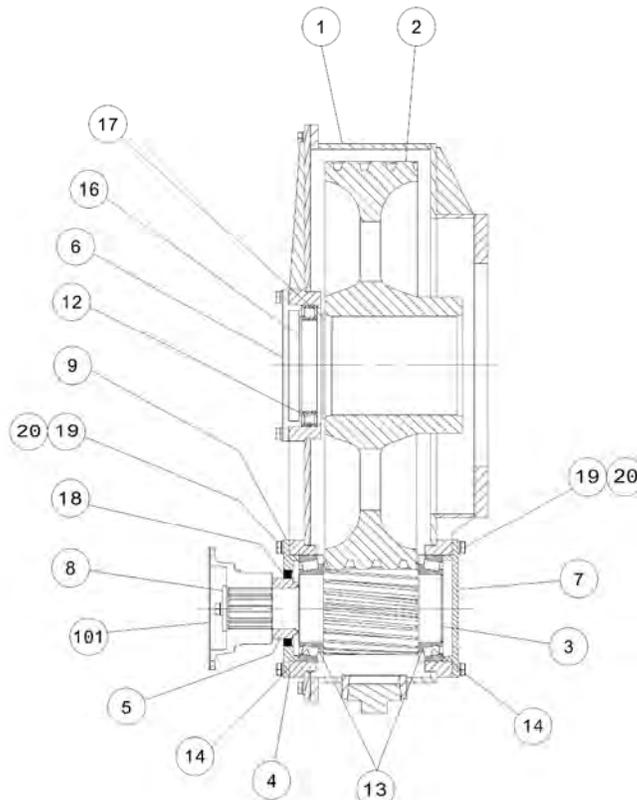


Figure 8: OPI-600 Gear Box Assembly Section A-A

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

GEAR BOX ASSEMBLY

Ref. No.	Name of Part	Qty.	Part No.
1	HOUSING (INCLUDES THE FOLLOWING 2 ITEMS)	1	200WPD151
	SCREW	28	655EE040
	PIN-DOWEL	2	62M82
2	GEAR-DRIVEN	1	300WPD280
3	GEAR-DRIVER	1	300WPD181
4	SHIM PACK, PINION	1	481SD038
5	SLEEVE, PINION	1	485PN09
6	RETAINER, MAIN BEARING	1	490PN13
7	RETAINER, PINION BEARING	1	490PN08
8	RETAINER, PINION SHAFT END	1	491PN02
9	RETAINER, PINION BEARING	1	525PN05
11	PLUG (NOT SHOWN)	16	66D18
12	BEARING, MAIN	1	925SH01-7
13	BEARING, CONE	2	930SH01-1
14	BEARING, CUP	2	930SH01-2
16	SNAP RING	1	926SH01-4
17	SNAP RING	1	926SH01-5
18	SEAL-OIL	1	60G263
19	SCREW	53	655EE040
20	WASHER-LOCK	53	95B5
21	PLUG	5	64A11
101	FLANGE (SELECT FROM TWO OPTIONS BELOW)		
	FLANGE FOR SPICER 1800/1810	1	932PN01
	FLANGE FOR 1880 SERIES U-JOINT	1	601323000

EXTERNAL LUBE ASSEMBLY

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

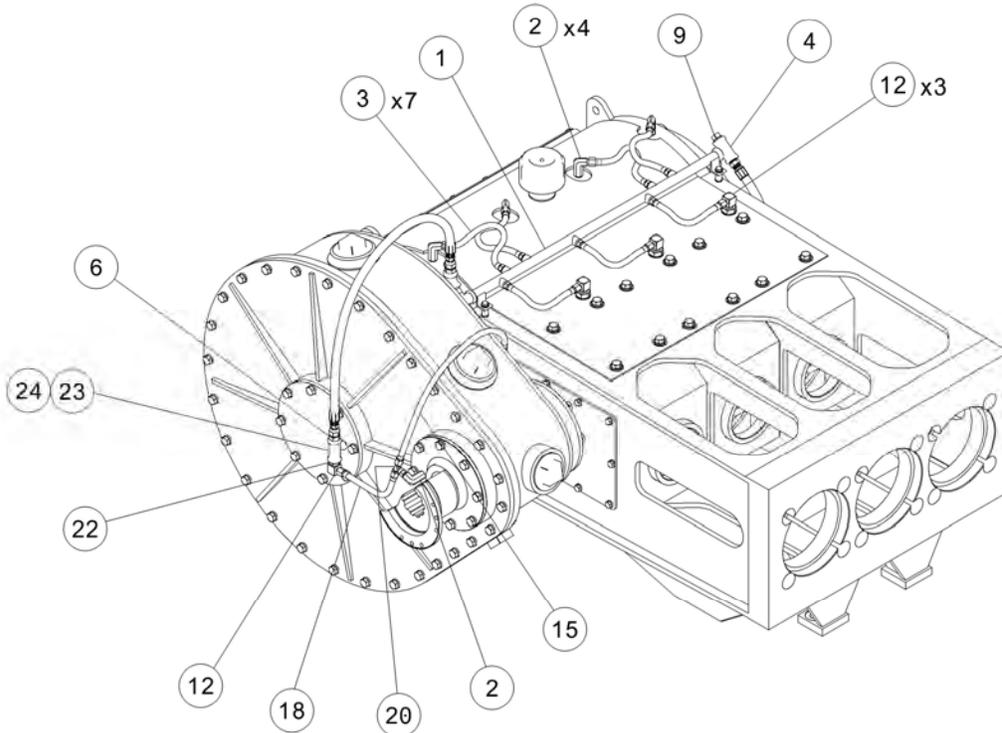


Figure 9: OPI-600 Lube Assembly, Drive Side View

(Ref. Drawing:
305WPD810)

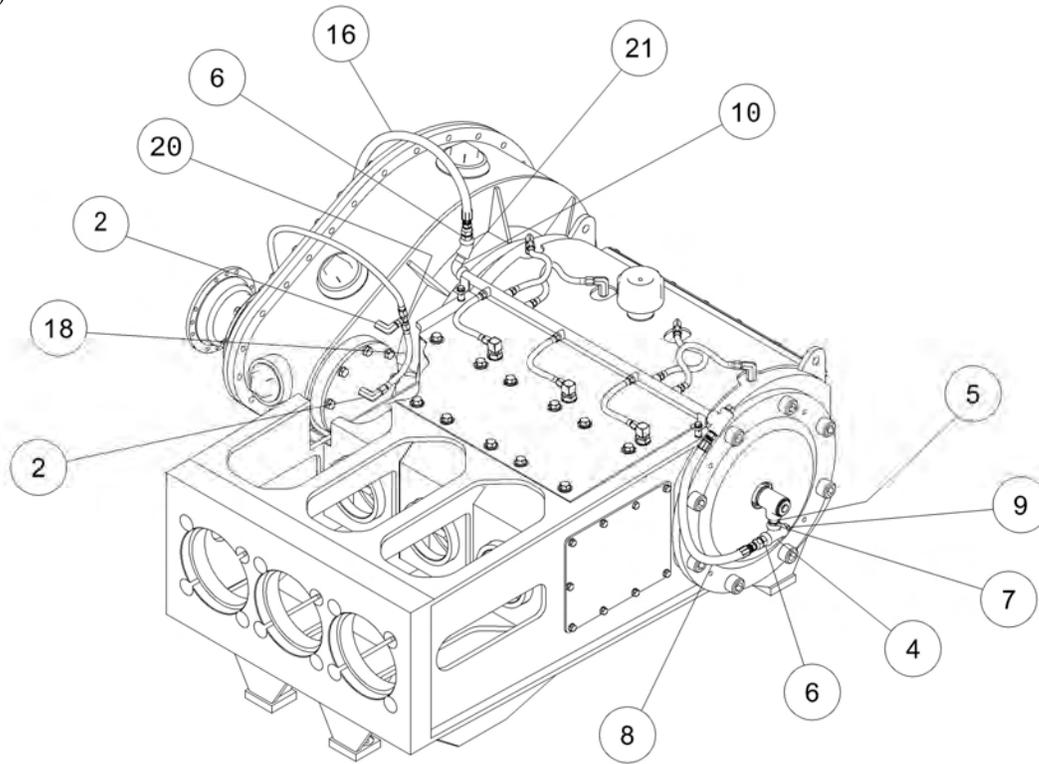


Figure 10: OPI-600 Lube Assembly, Off-Drive Side View

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

LUBE ASSEMBLY

Ref. No.	Name of Part	Qty.	Part No.
1	MANIFOLD-OIL	1	574PN01
2	ADAPTER	7	5018198
3	HOSE ASSEMBLY	7	916VP007-090
4	TEE	2	64G6
5	NIPPLE-PIPE	1	63E4
6	ADAPTER	3	29Z225
7	BUSHING-PIPE	1	64E4
8	HOSE ASSEMBLY	1	916PN015-260
9	PLUG	2	64AA7
10	ELBOW	1	64D5
12	ADAPTER	4	29Z242
15	HOSE ASSEMBLY	1	916PN008-300
16	HOSE ASSEMBLY	1	916PN010-370
17	PLUG (Not Shown)	1	64AA5
18	HOSE ASSEMBLY	2	082277
20	TEE	2	86H106
21	ELBOW	1	414904000
22	BUSHING-PIPE	1	416080000
23	TEE	1	103377
24	NIPPLE-PIPE	1	63D1



For additional information contact your local representative or
Gardner Denver Inc.
4747 South 83rd East Avenue, Tulsa, OK 74145
PH: (918) 664-1151, (800) 637-8099
FAX: (918) 664-6225
www.gardnerdenver.com

Specifications subject to change without notice.
Copyright © 2001 Gardner Denver, Inc. Litho in U.S.A.