

	CENTRIFUGAL COMPRESSORS	
RENEWAL PARTS	NEW RELEASE	Form 160.73-RP5 (707)

STYLE "K" MODELS
(See Tables Below)

COMPRESSOR MODEL	COMPRESSOR CODE
YDHK 76	K1
YDHK 84	K2
YDHL 96	K3
YDHL 106	K4

MISCELLANEOUS & ACCESSORIES

COMPOUNDS AND ABRASIVES	
Crocus Cloth	041 02729 000
Garnet Paper 180 grit	041 10057 000
Molykote (2 Oz. Can)	364 21508 000
Removable Thread Sealer	013 01678 000
Permanent Thread Locker	013 01671 000
Refrigerant Pipe Sealer	013 02894 000
Primer for Thread Sealers	013 01753 000
Magic Bond Epoxy Stick	044 03420 000
P.O.E. Grease	044 03199 000
Caribbean Blue Enamel	013 01835 000
Gasket Eliminator Sealer	013 02827 000
Valve Stem Lub (2 Oz. Can)	360 00125 000

COMPRESSOR TOOL KITS		
MODEL	COMPRESSOR NUMBER	KIT NUMBER
K1	364 51757 000	364K51728
K2	364 51724 000	364K51844
K3	364 51795 000	364K51835
K4	364 51829 000	364K51835

COMPRESSOR DATA PLATE

		
COMPRESSOR MODEL	COMPRESSOR PART NUMBER	REV
SERIAL NO.	SPEED CODE	
YORK INTERNATIONAL CORPORATION York, PA 17405 029-21398B REV. A		

LD12384

NEW DATA PLATE

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K1 COMPRESSOR

ITEM	DESCRIPTION	PART NUMBER	QTY.
1	Arm, Prv Motor	064 50614 000	1
2	Arm, Motor	064 50856 000	1
*3	Bearing, Thrust H.S.	029 20900 002	1
*4	Bearing, H.S. Front	064 50618 000	1
*5	Bearing, H.S. Rear	064 50619 000	1
*6	Bearing, H.S. Reverse Thrust K1	029 25042 000	1
*7	Bearing, L.S. Front	064 50620 000	1
*8	Bearing, L.S. Rear	064 50621 000	1
9	Bearing, L.S. Thrust	029 23760 001	1
10	Bracket, Support Lower Prv	064 48851 000	1
11	Bushing, Garlock 16du12	029 24100 000	1
12	Clamp, Tube 1/8 Od	023 06163 000	1
*13	Collar, H.S. Thrust	064 47904 000	1
14	Collar, Impeller Clamping	064 48123 000	1
15	Collar, L.S. Thrust	064 47770 000	1
16	Connr, Cinch 3/8 Tube X	023 06801 000	3
17	Connr, Fla M X M 1/4 Od Fla	023 23367 000	1
18	Cover, Shaft Control	064 51671 000	2
19	Dowel, Pin Str	029 24130 000	2
20	Elbow, Cinch 3/8 Tube X	023 22141 000	2
22	Fillpiece, Prerot Device	064 10821 000	1
23	Fillpiece, Pre-Rotation Device	064 50765 000	1
24	Fillpiece, PRV Linkage	064 47727 000	2
25	Grease, Poe	044 03199 000	0.015
26	Header, Spray	064 48003 000	1
27	Impeller, 7.624 Eye Hard Coat K1	064 51758 001	1
28	Lever, Internal	064 50498 000	1
29	Lever, Internal VGD	064 51215 000	1
30	Lever, PRV External	064 50613 000	2
31	Link, External VGD	064 50723 000	1
32	Link, Ext Prv & Mot Tk131	064 46880 000	2
33	Lub, Valve Stem 2 Oz. Tin	360 00125 000	0.2
35	Np, Data	029 21398 000	1
36	Nut, Hex Mach Scr #10 - 32	021 08670 000	2
37	Nut, Hex 5/16 - 18unc-2b:	021 02523 000	4
38	Nut, Flare Hydraulic 1/4 Od	023 09670 000	1
39	Nut, Hex 1/4 - 20 Unc-2b:	021 00450 000	4
40	Orifice, Hs Oil Feed Ha 50-57	064 48034 000	1
41	Orifice, Pipe Plug YK Compr	064 51852 000	1
42	Pin, Dowel Tapped 3/8 Dia	029 18459 000	3

* Included in Bearing Kit † Included in O-Ring Kit

K1 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART NUMBER	QTY.
43	Plate, Cover Handhole	064 50139 000	1
44	Plate, Mtg	064 47998 000	1
45	Plug, Hex Hd 1-1/16	023 18295 000	1
46	Plug, Hex Hd 1-5/16	023 18282 000	2
47	Plug, Hex Hd 3/4	023 18280 000	2
48	Plug, Hex Hd 7/16	023 18279 000	2
49	Plug, Hollow Hex 7/16"	023 18921 000	3
50	Plug, Pipe, Flush Type Hex	023 05366 000	3
51	Plug, Pipe 1/4 Hex Socket	023 01973 000	3
52	Plug, Prv Assembly	064 50632 000	2
53	Plug, Hex Hd 9/16	023 18962 000	8
54	Primer, Locquic Grade N,	013 01753 000	0.142
55	Probe, Proximity	025 40496 000	1
56	Retainer, Balance Piston Seal K1-2	064 51719 000	1
57	Retainer, Bearing S Stage Turbo	064 46886 000	3
58	Retainer, Eye Seal Washer	064 50322 000	1
59	Ring, Balance Piston Seal K1-2	064 51718 000	1
60	Ring, Eye Seal	064 50320 000	1
61	Rod, Adjustable Prv & Vgd	364 51754 694	1
62	Rod, Adjustable Prv & Vgd	364 51753 675	1
63	Screw, Cap Hex Soc Hd #10	021 31829 000	2
64	Screw, Cap Hex Soc Hd #8	021 19153 000	1
65	Screw, Cap Hex Soc Hd 1/4	021 29576 000	2
66	Screw, Cap Hex Soc Hd 1/4	021 02578 000	10
67	Screw, Cap Hex Soc Hd 1/4	021 18591 000	6
68	Screw, Cap Hex Soc Hd 1/4	021 30625 000	3
69	Screw, Cap Hex Soc Hd 5/16	021 02581 000	2
70	Screw, Cap Hex Soc Hd 5/16	021 16173 000	2
71	Screw, Shoulder Soc Hd	021 17557 000	6
72	Screw, Cap 12 Pt Hd 3/8	021 11139 000	6
73	Screw, Cap 12 Pt Hd 3/8	021 11141 000	16
74	Screw, Cap 12 Pt Hd 3/8	021 11148 000	6
75	Screw, Cap 12 Pt Hd 3/8	021 11149 000	2
76	Screw, Cap 12 Pt Hd 3/8-16x1-1/	021 11175 000	4
77	Screw, Cap 12 Pt Hd 5/8	021 11673 000	40
78	Screw, Cap 12 Pt Hd 3/8	021 11595 000	16
79	Screw, Cap 12 Pt Hd 3/8	021 11920 000	13
80	Screw, Cap 12 Pt 3/8 -16x4	021 15758 000	7
82	Screw, Cap 12 Pt Head 3/8	021 17553 000	1
83	Screw, Cap 12 Pt Hd 3/8	021 17618 000	1

* Included in Bearing Kit

† Included in O-Ring Kit

K1 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART NUMBER	QTY.
84	Screw, Cap 12 Pt Hd 1/2	021 11926 000	4
85	Screw, Cap 12 Pt Hd 1/2	021 11525 000	2
86	Screw, Cap 12 Pt Hd 1/2	021 11515 000	3
87	Screw, Cap 12 Pt Hd 1/2	021 31125 000	1
88	Screw, Cap 12 Pt Hd 1/2	021 31600 000	1
89	Hhcs, 0.250-20 X 1.500 Gr 5 Bl	021 13223 000	1
90	Screw, Cap Hex 1/4 -20unc	021 16826 000	1
91	Screw, Drive Ty U #4 X 1/4	021 03720 000	8
92	Screw, Cap Flat Soc Hd 3/8	021 13856 000	2
93	Screw, Set Hex Soc Cup Pt	021 00774 000	1
† 94	O-Ring, Neop 00.468id .078thk M	028 12961 003	10
† 95	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
† 96	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
† 97	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
† 98	O-Ring, Neo1 21.750id .139thk S	028 15588 000	1
† 99	O-Ring, Neo1 31.174id .139thk S	028 15072 000	1
† 100	O-Ring, Neo1 37.050id .275thk M	028 15083 000	1
† 101	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
† 102	O-Ring, Neop 02.550id .103thk M	028 11976 000	3
† 103	O-Ring, Neop 03.737id .103thk M	028 15074 000	2
† 104	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
† 105	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
† 106	O-Ring, Neo1 04.484id .139thk M	028 15576 000	1
† 107	O-Ring, Neo1 05.234id .139thk M	028 15577 000	1
† 108	O-Ring, Neop 07.984id .139thk M	028 12255 000	1
† 109	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
† 110	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
† 111	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
† 112	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
† 113	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
† 114	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
115	Seal, Double Shaft K1-2	029 25041 000	1
116	Sealer, Gasket Eliminator,	013 02827 000	0.2
117	Sealer, Grade Avv Loctite 086	013 01671 000	0.008
118	Sealer, Removable Thread	013 03375 000	0.001
119	Shaft, Contl Prerot Device	364 51672 000	1
120	Shaft, Contl Vgd	364 51673 000	1
121	Sleeve, Flare Hydraulic 1/4 Od	023 10000 000	1
122	Spacer, .50 Lg X .33 Id X .63od	064 50611 000	2
123	Spacer, Flanged, Prv & Vgd	064 50612 000	4

* Included in Bearing Kit † Included in O-Ring Kit

K1 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART NUMBER	QTY.
*124	Pin, Slot Spg 3/16 X 1/2	029 04138 000	1
125	Tube, Gear Cooling	064 51249 000	1
126	Tube, L.S. Oil Drain	064 51221 000	1
127	Tube, Oil Drain Shaft Seal	064 51637 000	1
128	Tube, Oil Drain Hs Thrust K 1-2	064 51762 000	1
129	Valve, Check Oil 1/8 Npte	022 04444 000	1
130	Valve, Stop Ang Vertical	022 09578 000	1
131	Washer, Balance Piston Spring K1-2	064 51720 000	1
132	Washer, Plain Clipped Hardened	021 17593 000	40
133	Washer, Plain Hardened	021 17264 000	4
134	Washer, Plain 13/32 Id X 13/16	021 01274 000	2
135	Washer, Spring Eye	064 50324 000	1
136	Wiring, Prv Motor Actuator	375 49340 103	2
193	Device, PRV K1	364-51763-000	
300	Compressor Large Parts	164-51757-300	1
300A	Support Rotor W/ Housing Brg K1-2	364 51725 000	1
300B	Scroll Rotor K1	064 51759 000	1
300C	Plate, Diffuser K1	064 51760 000	1
301	Plate, Nozzle Base	064-51761-000	1
302	Device, VGD	364-51765-000	1

* Included in Bearing Kit

† Included in O-Ring Kit

**K1 COMPRESSOR
BEARING KIT
(464 52064 000)**

ITEM	DESCRIPTION	PART NUMBER	QTY.
*3	Bearing, Thrust H.S.	029 20900 002	1
*4	Bearing, H.S. Front	064 50618 000	1
*5	Bearing, H.S. Rear	064 50619 000	1
*6	Bearing, H.S. Reverse Thrust K1	029 25042 000	1
*7	Bearing, L.S. Front	064 50620 000	1
*8	Bearing, L.S. Rear	064 50621 000	1
*13	Collar, H.S. Thrust	064 47904 000	1
*124	Pin, Slot Spg 3/16 x 1/2	029 04138 000	1

**K1 COMPRESSOR
O-RING KIT
(464 52066 000)**

ITEM	DESCRIPTION	PART NUMBER	QTY.
†94	O-Ring, Neop 00.468id .078thk M	028 12961 003	10
†95	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†96	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†97	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†98	O-Ring, Neo1 21.750id .139thk S	028 15588 000	1
†99	O-Ring, Neo1 31.174id .139thk S	028 15072 000	1
†100	O-Ring, Neo1 37.050id .275thk M	028 15083 000	1
†101	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†102	O-Ring, Neop 02.550id .103thk M	028 11976 000	3
†103	O-Ring, Neop 03.737id .103thk M	028 15074 000	2
†104	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†105	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
†106	O-Ring, Neo1 04.484id .139thk M	028 15576 000	1
†107	O-Ring, Neo1 05.234id .139thk M	028 15577 000	1
†108	O-Ring, Neop 07.984id .139thk M	028 12255 000	1
†109	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†110	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†111	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†112	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†113	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†114	O-Ring, Neop 00.301id .064thk M	028 12961 021	1

K1 COMPRESSOR

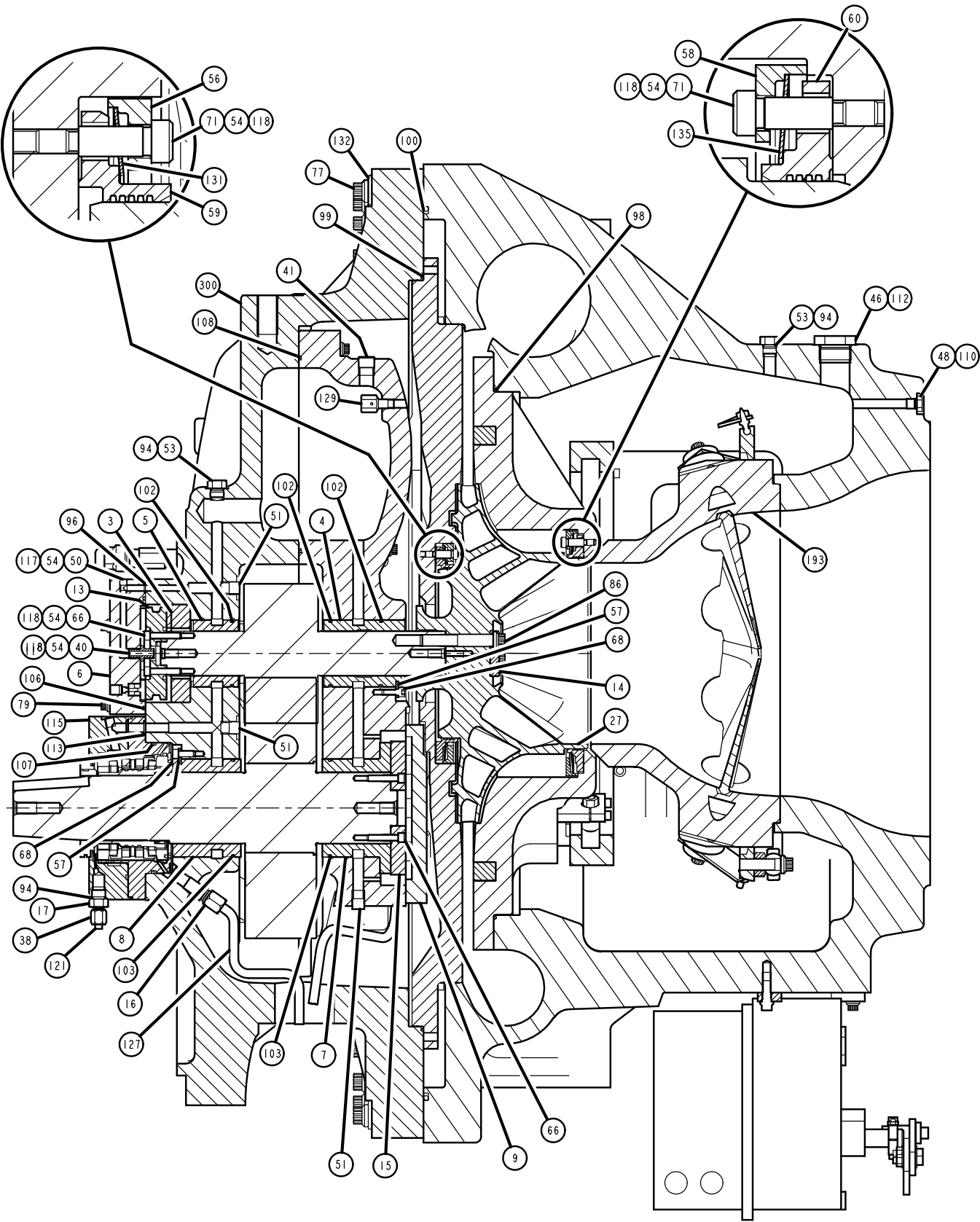


FIG. 1 – K1 COMPRESSOR

K1 COMPRESSOR (CON'T)

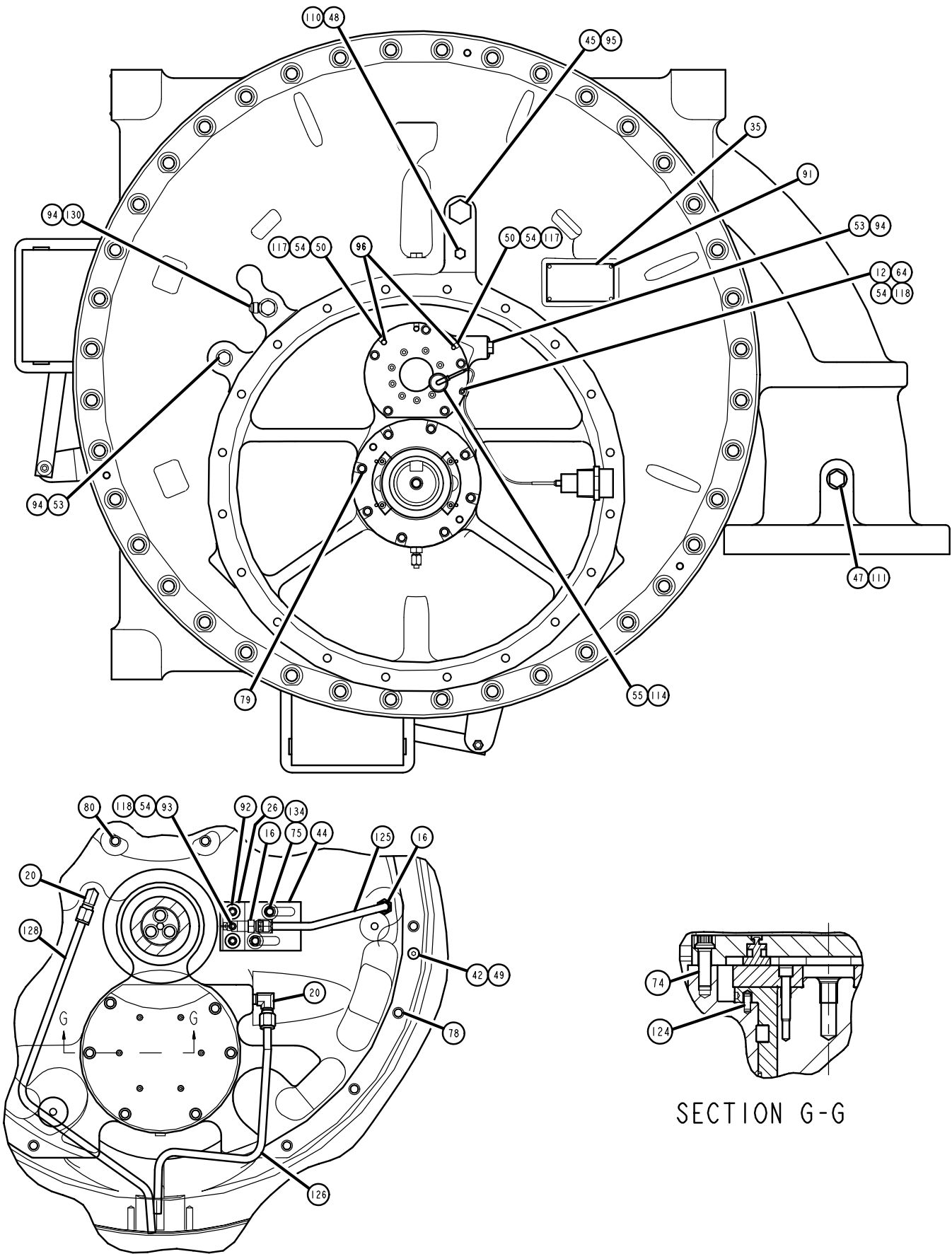


FIG. 2 – K1 COMPRESSOR

LD12807

K1 COMPRESSOR (CON'T)

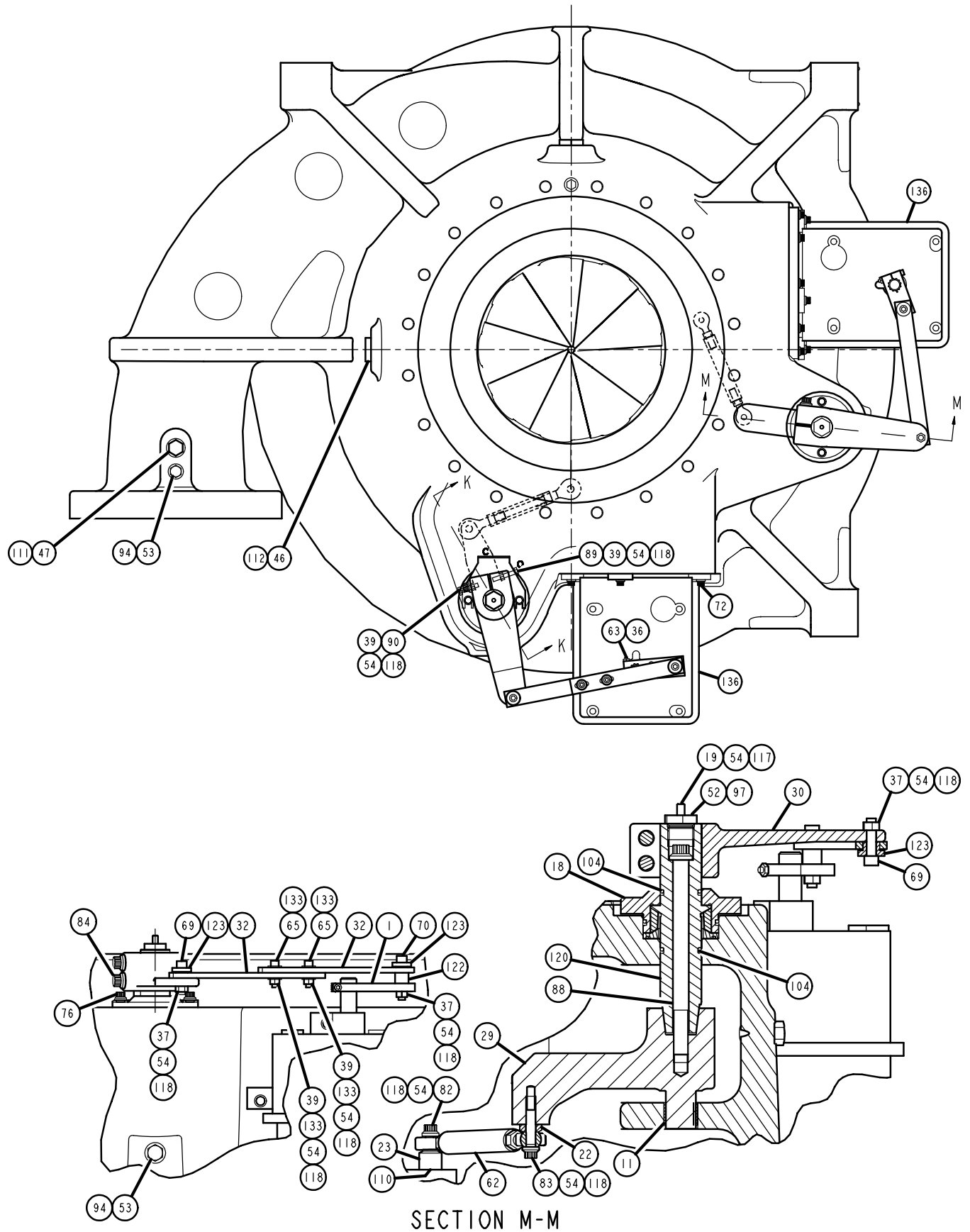
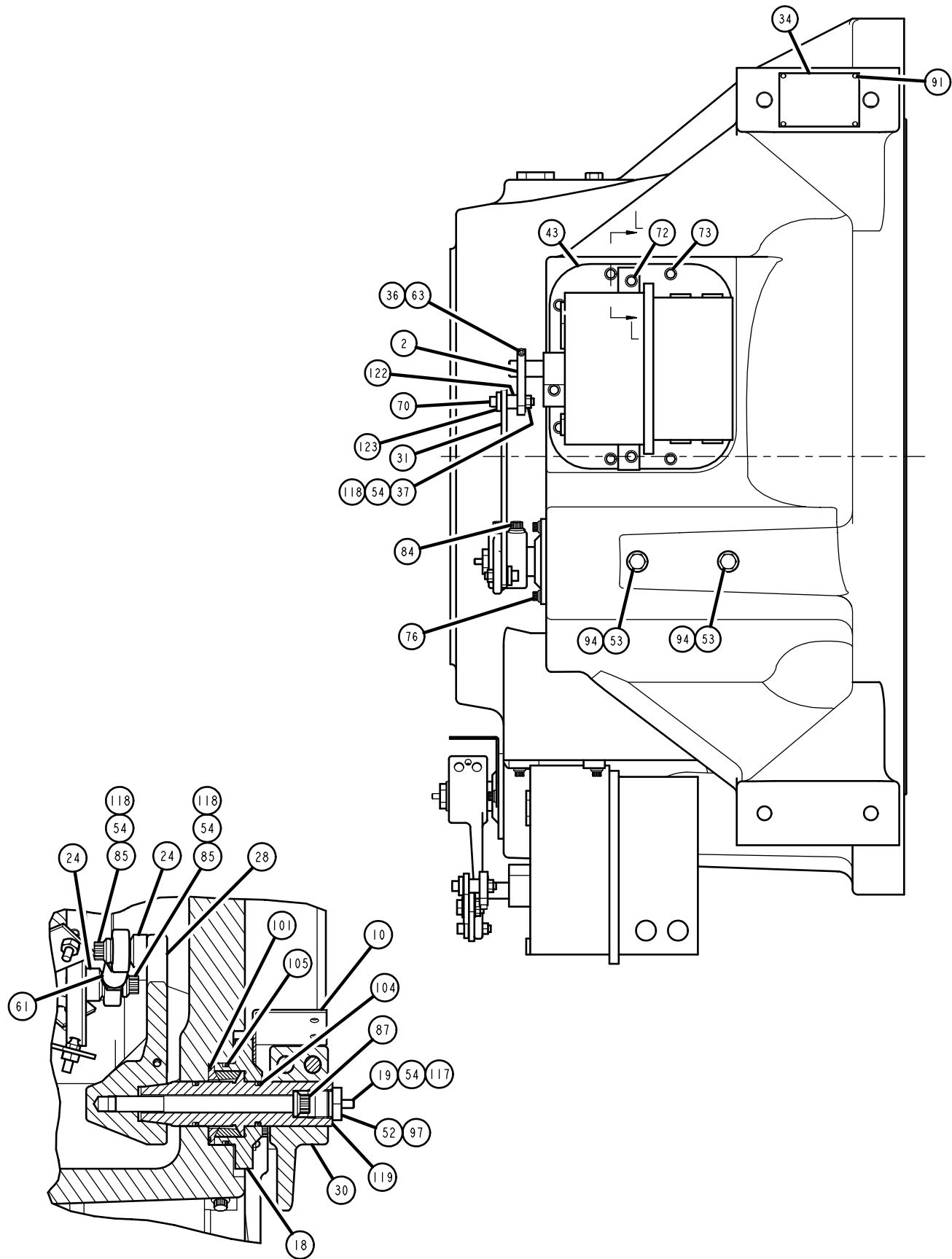


FIG. 3 – K1 COMPRESSOR

K1 COMPRESSOR (CON'T)



SECTION K-K

FIG. 4 – K1 COMPRESSOR

LD12807

DEVICE PRE-ROTATION MODEL K1

ITEM	DESCRIPTION	Part Number	Qty.
1	Ring, Vane Driving K1-2	064 51667 000	1
2	Vane, Pre-Rotation K1-2	064 51641 000	9
3	Arm, PRV	064 47508 000	9
4	Spacer, PRV Arm K1-2	064 51668 000	9
5	Washer, Special PRV	064 47516 000	9
6	Washer, Plain 17/64 ID 1/2	021 11973 000	18
7	Stud, Ball 1/4-28 Unf	029 15924 000	9
8	Screw, Cap 12pt Hd 1/2	021 11515 000	9
9	Nut, Selflock 1/4-28 Unf	021 12943 000	9
10	Lubricant, Molybdenum	011 00253 000	.001
11	Housing, PRV K1	064 51764 000	1
12	Bearing, Ball Deep Groove	029 25106 000	18
13	Spacer	064 51815 000	9
14	Spring, Crest-to-Crest Type	029 25107 000	9

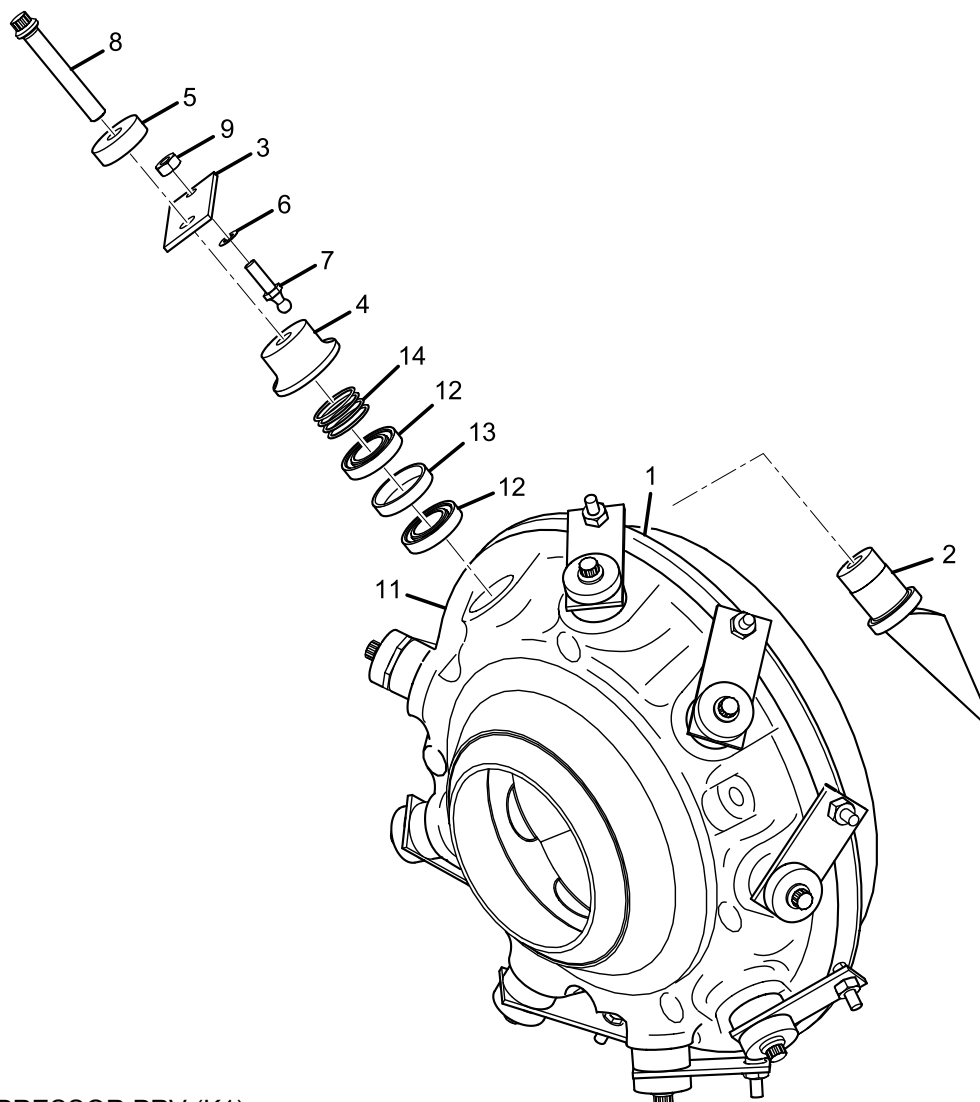


FIG. 5 – COMPRESSOR PRV (K1)

LD12810

VARIABLE GEOMETRY DIFFUSER (VGD) MODEL K1

ITEM	DESCRIPTION	PART NUMBER	QTY.
1	Ring, VGD Diffuser K1	064 51767 000	1
2	Screw, Cap Hex Soc Hd 5/16	021 31527 000	8
3	Pin, Drive	064 50470 000	4
4	Bearing, McGill Cf-3/4-B	029 24103 000	8
5	Nut, Hex 3/8 - 24 Unf-2b:	021 00474 000	8
6	Spacer, VGD	064 50758 000	4
7	Bearing, McGill Cyr 1 3/8	029 24104 000	4
8	Screw, Cap Hex Soc Hd 3/8	021 01508 000	4
9	Washer, Plain .384 Id X 5/8 Od	021 31155 000	4
10	Support, Axial Bearing	064 51714 000	4
11	Bushing, Eccentric	064 51713 000	4
12	Screw, Cap Hex Soc Hd	021 19223 000	8
13	Screw, Cap Hex Soc Hd 5/16	021 31326 000	2
14	Bushing, Garlock 16du12	029 24100 000	8
15	Washer, Conical Disk	021 31324 000	24
16	Washer, Plain Hardened 3/8 Id	021 31323 000	4
17	Screw, Cap Hex Soc Hd 1/4	021 02578 000	1
18	Screw, Set Hex Socket 1/4	021 31328 000	2
19	Pin, Tensioner VGD Drive Ring	064 50830 000	2
20	Primer, Locquic Grade N,	013 01753 000	0.142
21	Sealer, Removable Thread	013 03375 000	0.001
22	Block, Tensioner Drive Ring	064 50824 000	2
23	Screw, Shoulder Soc Hd 5/16	021 31322 000	2
24	Ring, VGD Drive	064 51766 000	1
25	Lub, Valve Stem 2 Oz. Tin	360 00125 000	0.02

VARIABLE GEOMETRY DIFFUSER (VGD) (CON'T)
MODEL K1

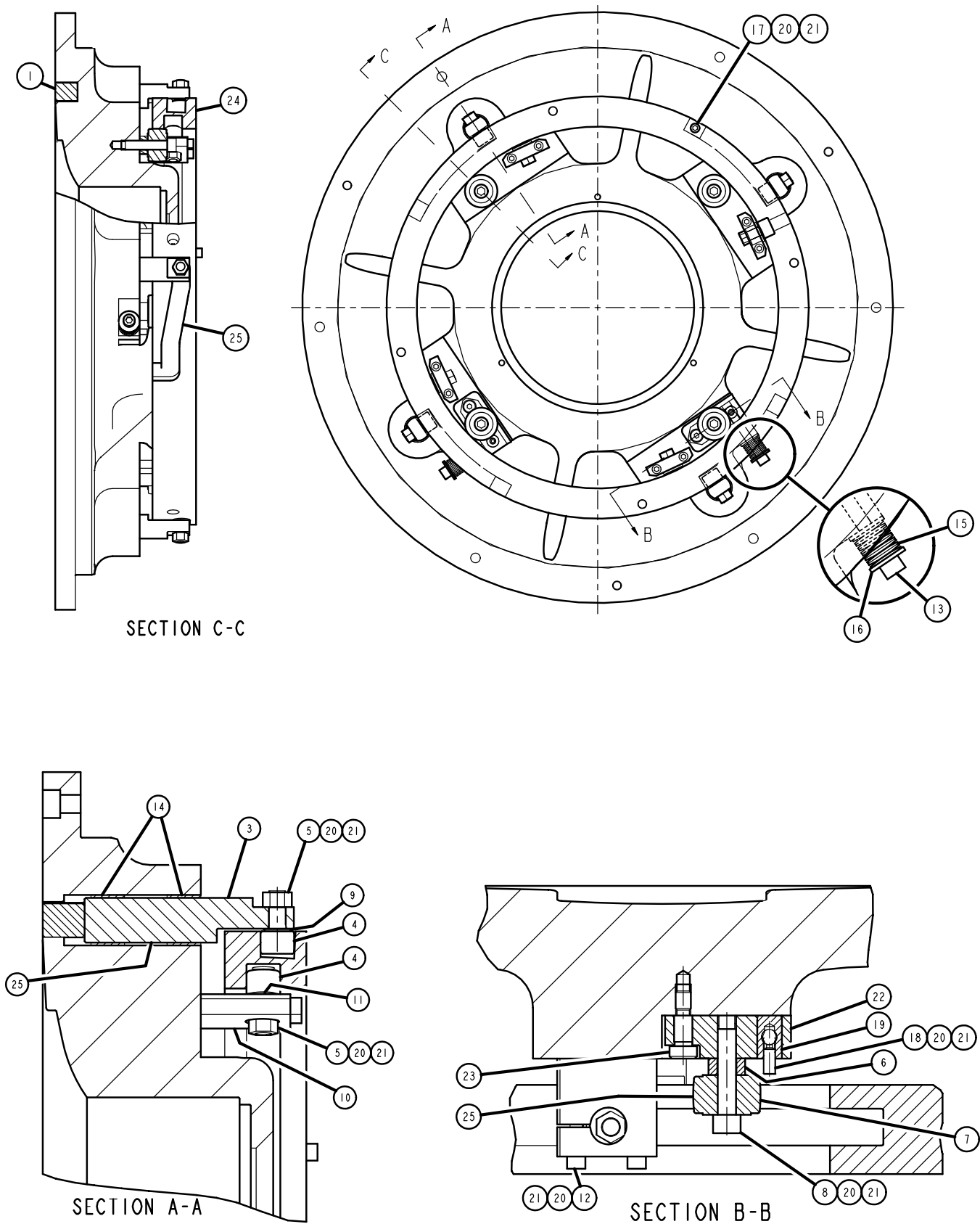


FIG. 6 – VARIABLE GEOMETRY DIFFUSER (K1)

LD12811

K2 COMPRESSOR

ITEM	DESCRIPTION	PART #	QTY.
1	Arm, Motor	064 51548 000	1
2	Arm, PRV Motor	064 50614 000	1
*3	Bearing, H.S. Front	064 50618 000	1
*4	Bearing, H.S. Rear	064 50619 000	1
*5	Bearing, L.S. Front	064 50620 000	1
*6	Bearing, L.S. Rear	064 50621 000	1
*7	Bearing, Thrust H.S.	029 20900 002	1
8	Bracket, Support Lower PRV	064 48851 000	1
*9	Bearing, H.S. Reverse Thrust K1	029 25042 000	1
10	Bearing, L.S. Thrust	029 23760 001	1
13	Clamp, Tube 1/8 Od	023 06163 000	1
14	Bushing, Garlock 16du12	029 24100 000	1
15	Collar, Impeller Clamping	064 48123 000	1
*16	Collar, H.S. Thrust	064 47904 000	1
17	Collar L.S. Thrust	064 47770 000	1
18	Plug, Hollow Hex 7/16"	023 18921 000	3
19	Screw, Cap Hex Soc Hd #8	021 19153 000	1
20	Connr, Cinch 3/8 Tube X	023 06801 000	3
22	Connr, Fla M X M 1/4 Od Fla	023 23367 000	1
23	Cover, Shaft Control	064 51671 000	2
24	Dowel, Pin Str	029 24130 000	2
†25	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
26	Elbow, Cinch 3/8 Tube X	023 22141 000	2
31	Fillpiece, Prerot Device	064 10821 000	1
32	Fillpiece, Pre-Rotation Device	064 50765 000	1
33	Fillpiece, Prv Linkage	064 47727 000	2
35	Grease, Poe	044 03199 000	0.015
36	Header, Spray	064 48003 000	1
37	Impeller, 8.393 Eye Hard Coat K2	064 51630 001	1
38	Lever, Internal	064 50498 000	1
39	Lever, Internal VGD	064 51215 000	1
40	Lever, Prv External	064 50613 000	2
41	Link, Ext Prv & Mot Tk131	064 46880 000	2
42	Link, External VGD	064 50723 000	1
43	Lub, Valve Stem 2 Oz Tin	360 00125 000	0.2
44	Nameplate, Patent	029 13270 002	1
45	Np, Data	029 21398 000	1
46	Nut, Flare Hydraulic 1/4 Od	023 09670 000	1
48	Nut, Hex 1/4 - 20 Unc-2b:	021 00450 000	4
50	Nut, Hex 5/16 - 18unc-2b:	021 02523 000	4

* Included in Bearing Kit † Included in O-Ring Kit

K2 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
52	Nut, Hex Mach Scr #10 - 32	021 08670 000	2
53	Orifice, H.S. Oil Feed	064 48034 000	1
54	Orifice, Pipe Plug Yk Compr	064 51852 000	1
55	Pin, Dowel Tapped 3/8 Dia	029 18459 000	3
*56	Pin, Slot Spg 3/16 X 1/2	029 04138 000	1
57	Plate, Cover Handhole	064 50139 000	1
58	Plate, Mtg	064 47998 000	1
59	Plug, Hex Hd 1-1/16	023 18295 000	1
60	Plug, Hex Hd 1-5/16	023 18282 000	2
61	Plug, Hex Hd 3/4	023 18280 000	2
62	Plug, Hex Hd 7/16	023 18279 000	2
63	Plug, Hex Hd 9/16	023 18962 000	8
64	Plug, Pipe 1/4 Hex Socket	023 01973 000	3
65	Plug, PRV Assembly	064 50632 000	2
66	Plug, Pipe, Flush Type Hex	023 05366 000	3
67	Primer, Locquic Grade N,	013 01753 000	0.142
68	Probe, Proximity	025 40496 000	1
69	Hhcs, 0.250-20 X 1.500 Gr 5 BI	021 13223 000	1
70	Retainer, B.P. Seal K1-2	064 51719 000	1
71	Retainer, Bearing S Stage Turbo	064 46886 000	3
72	Retainer, Eye Seal Washer K2	064 51722 000	1
73	Ring, Balance Piston Seal K1-2	064 51718 000	1
74	Ring, Eye Seal K2	064 51721 000	1
75	Rod, Adjustable PRV & VGD	364 51754 694	1
76	Rod, Adjustable PRV & VGD	364 51753 675	1
77	Screw, Cap 12 Pt Hd 1/2	021 11515 000	3
78	Screw, Cap 12 Pt Hd 1/2	021 11926 000	4
79	Screw, Cap 12 Pt Hd 1/2	021 31600 000	1
80	Screw, Cap 12 Pt Hd 1/2	021 31125 000	1
81	Screw, Cap 12 Pt Hd 1/2	021 11525 000	2
82	Screw, Cap 12 Pt Head 3/8	021 17553 000	1
84	Screw, Cap 12 Pt Hd 3/8	021 11149 000	2
85	Screw, Cap 12 Pt Hd 3/8	021 11139 000	6
86	Screw, Cap 12 Pt Hd 3/8-16x1-1/	021 11175 000	4
87	Screw, Cap 12 Pt Hd 3/8	021 11920 000	13
88	Screw, Cap 12 Pt Hd 3/8	021 11595 000	16
89	Screw, Cap 12 Pt Hd 3/8	021 17618 000	1
90	Screw, Cap 12 Pt Hd 3/8	021 11141 000	16
91	Screw, Cap 12 Pt 3/8 -16x4	021 15758 000	7
92	Screw, Cap 12 Pt Hd 3/8	021 11148 000	6

* Included in Bearing Kit

† Included in O-Ring Kit

K2 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
93	Screw, Cap 12 Pt Hd 5/8	021 11673 000	40
94	Screw, Cap Flat Soc Hd 3/8	021 13856 000	2
95	Screw, Drive Ty U #4 X 1/4	021 03720 000	8
96	Screw, Cap Hex 1/4 -20unc	021 16826 000	1
97	Screw, Cap Hex Soc Hd #10	021 31829 000	2
98	Screw, Cap Hex Soc Hd 1/4	021 18591 000	6
99	Screw, Cap Hex Soc Hd 1/4	021 02578 000	10
100	Screw, Cap Hex Soc Hd 1/4	021 29576 000	2
101	Screw, Cap Hex Soc Hd 1/4	021 30625 000	3
102	Screw, Cap Hex Soc Hd 5/16	021 02581 000	2
103	Screw, Cap Hex Soc Hd 5/16	021 16173 000	2
104	Screw, Set Hex Soc Cup Pt	021 00774 000	1
105	Screw, Shoulder Soc Hd	021 17557 000	6
†106	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
†107	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†108	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†109	O-Ring, Neop 02.550id .103thk M	028 11976 000	3
†110	O-Ring, Neo1 04.484id .139thk M	028 15576 000	1
†111	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†112	O-Ring, Neo1 05.234id .139thk M	028 15577 000	1
†113	O-Ring, Neop 07.984id .139thk M	028 12255 000	1
†114	O-Ring, Neo1 37.050id .275thk M	028 15083 000	1
†115	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†116	O-Ring, Neop 03.737id .103thk M	028 15074 000	2
†117	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†118	O-Ring, Neop 00.468id .078thk M	028 12961 003	10
†119	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†120	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†121	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†122	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†123	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†124	O-Ring, Neo1 23.910id .139thk S	028 15437 000	1
†125	O-Ring, Neo1 31.174id .139thk S	028 15072 000	1
126	Seal, Double Shaft K1-2	029 25041 000	1
127	Sealer, Gasket Eliminator,	013 02827 000	0.2
128	Sealer, Grade Avv Loctite 086	013 01671 000	0.008
130	Sealer, Removable Thread	013 03375 000	0.001
131	Shaft, Contl Prerot Device	364 51672 000	1
132	Shaft, Control VGD	364 51673 000	1
133	Sleeve, Flare Hydraulic 1/4 Od	023 10000 000	1

* Included in Bearing Kit

† Included in O-Ring Kit

K2 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
134	Spacer, .50 Lg X .33 Id X .63od	064 50611 000	2
135	Spacer, Flanged, PRV & VGD	064 50612 000	4
143	Tube, Gear Cooling	064 51249 000	1
144	Tube, Oil Drain HS Thrust K1-2	064 51762 000	1
146	Tube, L.S. Oil Drain	064 51221 000	1
147	Tube, Oil Drain Shaft Seal	064 51637 000	1
150	Valve, Check Oil 1/8 Npte	022 04444 000	1
151	Valve, Stop Ang Vertical	022 09578 000	1
152	Washer, Plain Hardened	021 17264 000	4
153	Washer, Plain 13/32 Id X 13/16	021 01274 000	2
154	Washer, Plain Clipped Hardened	021 17593 000	40
155	Washer, Bal Piston Spring K1-2	064 51720 000	1
156	Washer, Eye Spring K2	064 51723 000	1
157	Wiring, PRV Motor Actuator	375 49340 103	2
193	Device, PRV K2	364 51669 000	1
300	Compressor, Large Parts K2	164 51724 300	1
300A	Support Rotor W/ Housing Brg	364 51725 000	1
300B	Scroll, Rotor K2	064 51632 000	1
300C	Plate, Diffuser, K3	064 51633 000	
301	Plate, Nozzle Base K2 VGD	064 51634 000	1
302	Device, VGD K2	364 51715 000	1

* Included in Bearing Kit

† Included in O-Ring Kit

**K2 COMPRESSOR
BEARING KIT
(464 52064 000)**

ITEM	DESCRIPTION	PART NUMBER	QTY.
*3	Bearing, H.S. Front	064 50618 000	1
*4	Bearing, H.S. Rear	064 50619 000	1
*5	Bearing, L.S. Front	064 50620 000	1
*6	Bearing, L.S. Rear	064 50621 000	1
*7	Bearing, H.S. Thrust	029 20900 002	1
*9	Bearing, H.S. Reverse Thrust	029 25042 000	1
*16	Collar, H.S. Thrust	064 47904 000	1
*56	Pin, Slot Spg 3/16 x 1/2	029 04138 000	1

**K2 COMPRESSOR
O-RING KIT
(464 52067 000)**

ITEM	DESCRIPTION	PART #	QTY.
†25	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
†106	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
†107	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†108	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†109	O-Ring, Neop 02.550id .103thk M	028 11976 000	3
†110	O-Ring, Neo1 04.484id .139thk M	028 15576 000	1
†111	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†112	O-Ring, Neo1 05.234id .139thk M	028 15577 000	1
†113	O-Ring, Neop 07.984id .139thk M	028 12255 000	1
†114	O-Ring, Neo1 37.050id .275thk M	028 15083 000	1
†115	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†116	O-Ring, Neop 03.737id .103thk M	028 15074 000	2
†117	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†118	O-Ring, Neop 00.468id .078thk M	028 12961 003	10
†119	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†120	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†121	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†122	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†123	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†124	O-Ring, Neo1 23.910id .139thk S	028 15437 000	1
†125	O-Ring, Neo1 31.174id .139thk S	028 15072 000	1

K2 COMPRESSOR

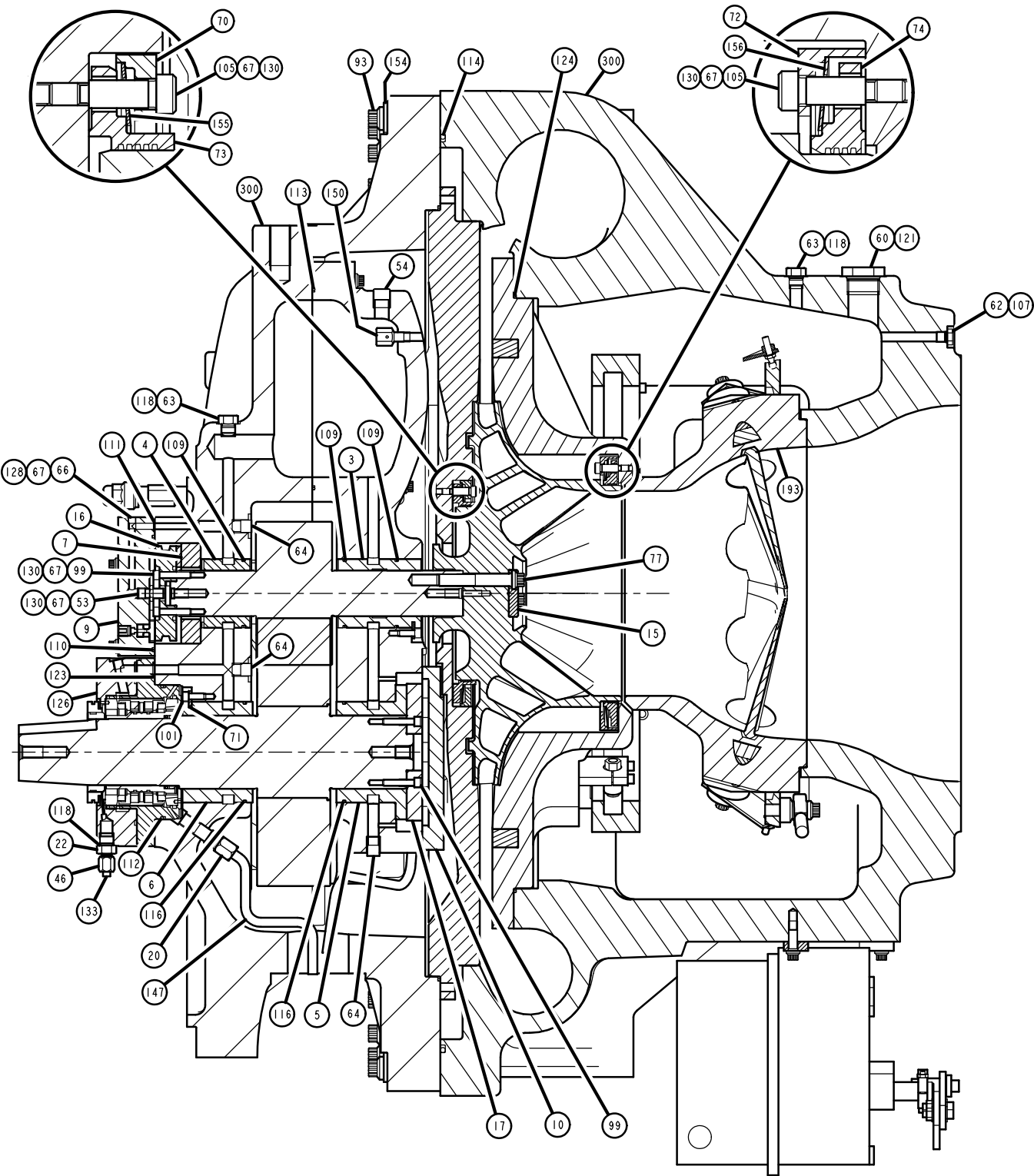


FIG. 7 – K2 COMPRESSOR

K2 COMPRESSOR (CON'T)

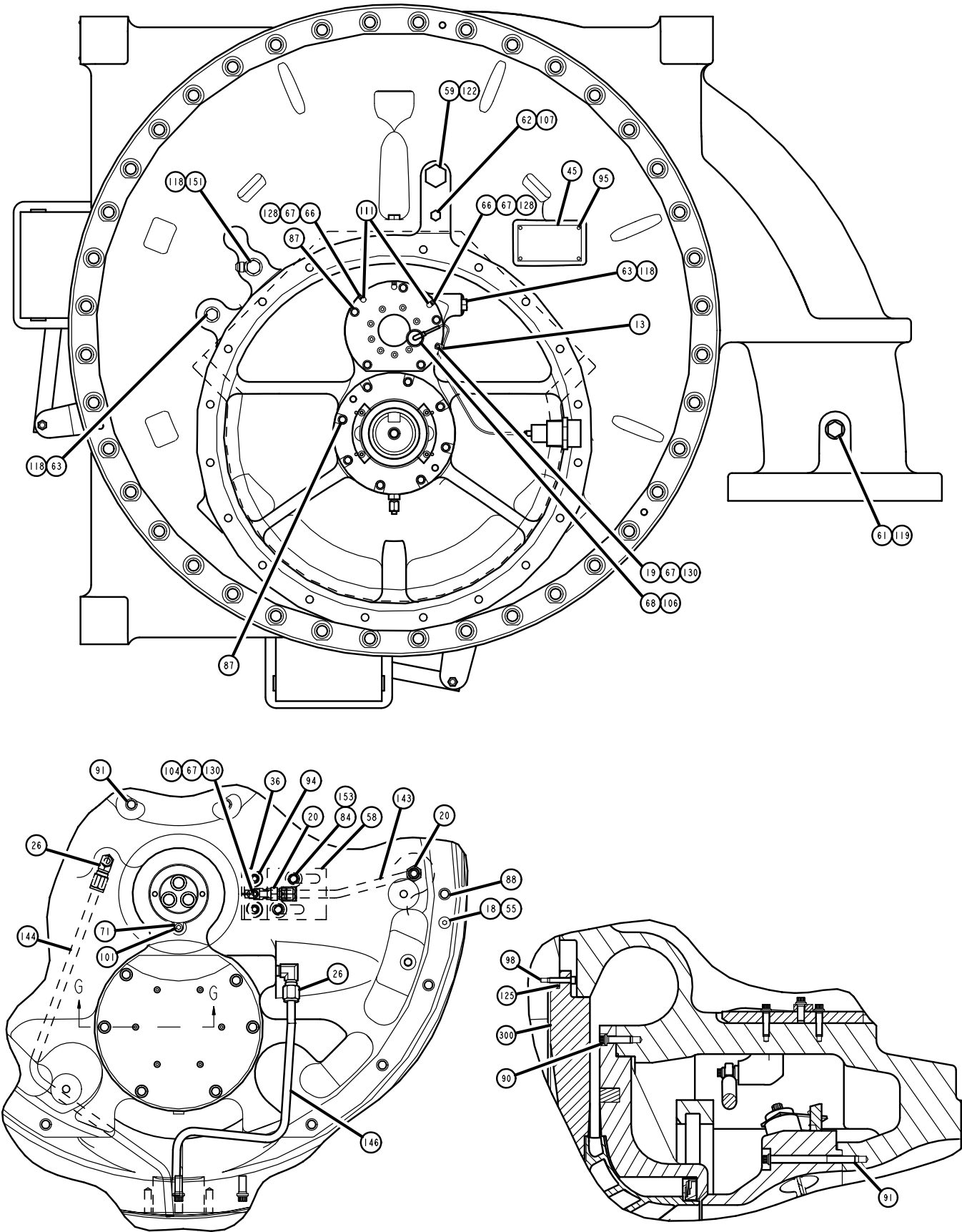


FIG. 8 – K2 COMPRESSOR

LD12813

K2 COMPRESSOR (CON'T)

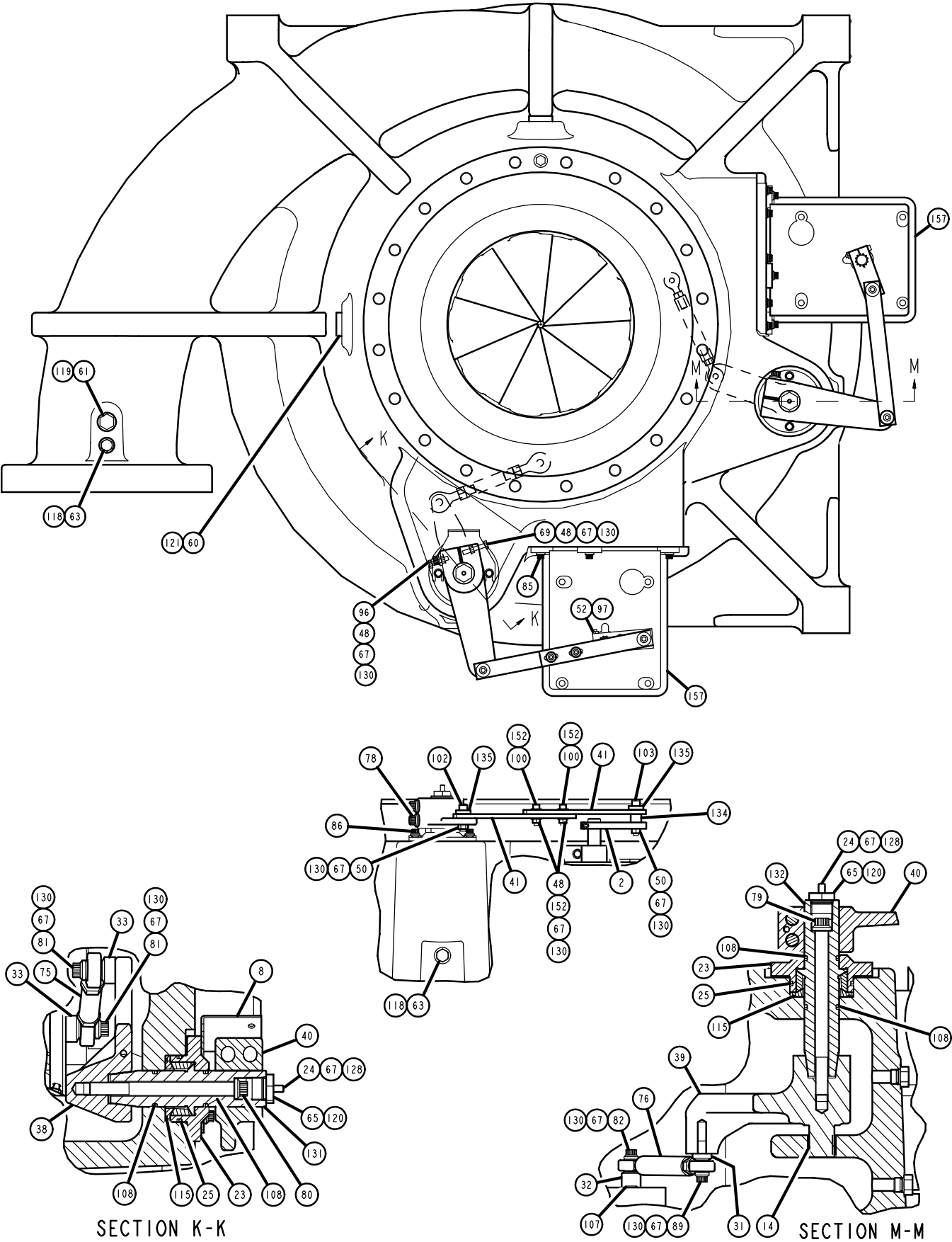


FIG. 9 – K2 COMPRESSOR

K2 COMPRESSOR (CON'T)

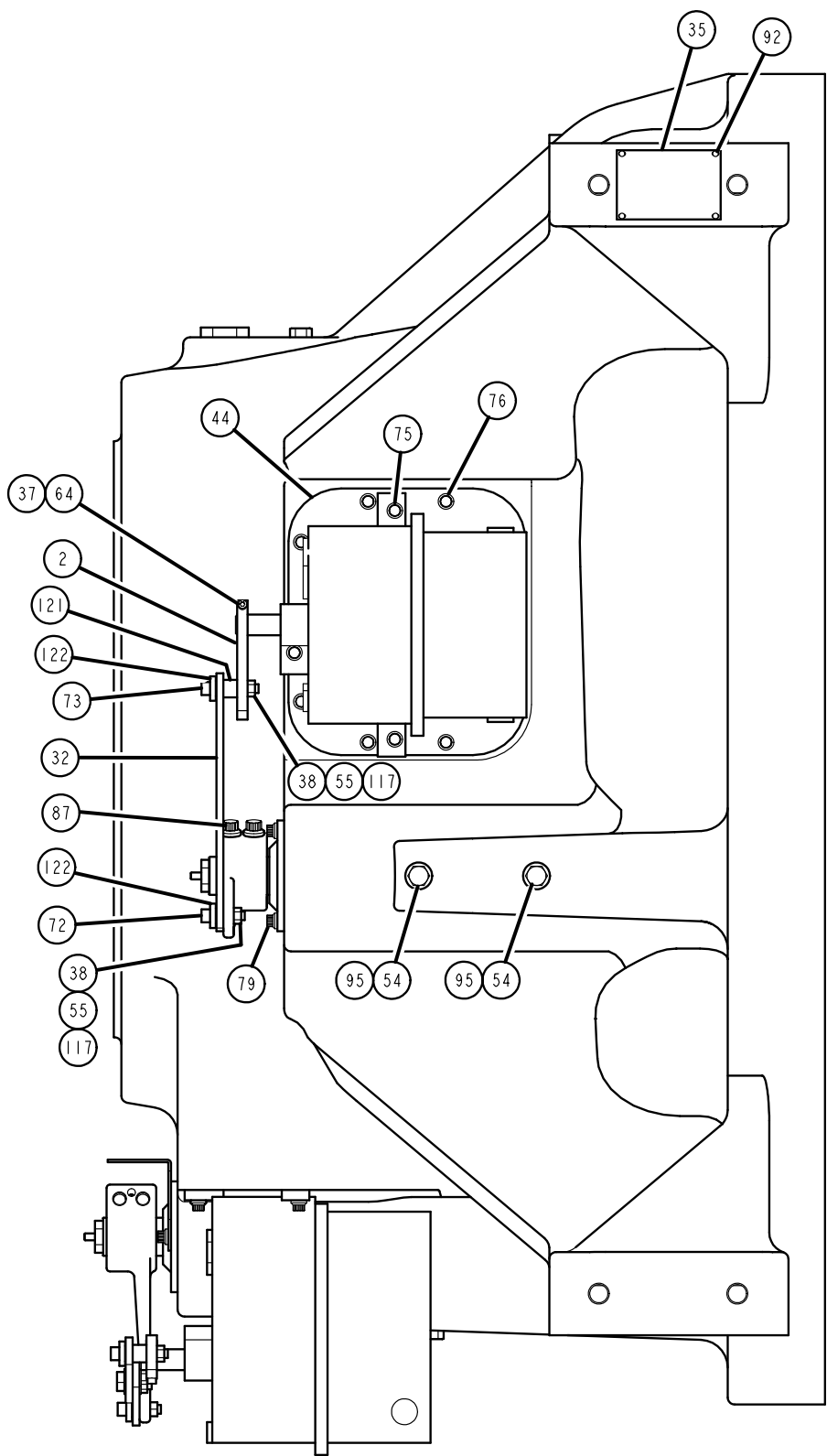


FIG. 10 – K2 COMPRESSOR

LD12815

DEVICE PRE-ROTATION MODEL K2

ITEM	DESCRIPTION	PART #	QTY.
1	Ring, Vane Driving K1-2	064 51667 000	1
2	Vane, Pre-Rotation K1-2	064 51641 000	9
3	Arm, PRV	064 47508 000	9
4	Spacer, PRV Arm K1-2	064 51668 000	9
5	Washer, Special PRV	064 47516 000	9
6	Washer, Plain 17/64 ID 1/2	021 11973 000	18
7	Stud, Ball 1/4-28 Unf	029 15924 000	9
8	Screw, Cap 12pt Hd 1/2	021 11515 000	9
9	Nut, Selflock 1/4-28 Unf	021 12943 000	9
10	Lubricant, Molybdenum	011 00253 000	.001
11	Housing, PRV K2	064 51742 000	1
12	Bearing, Ball Deep Groove	029 25106 000	18
13	Spacer	064 51815 000	9
14	Spring, Crest-to-Crest Type	029 25107 000	9

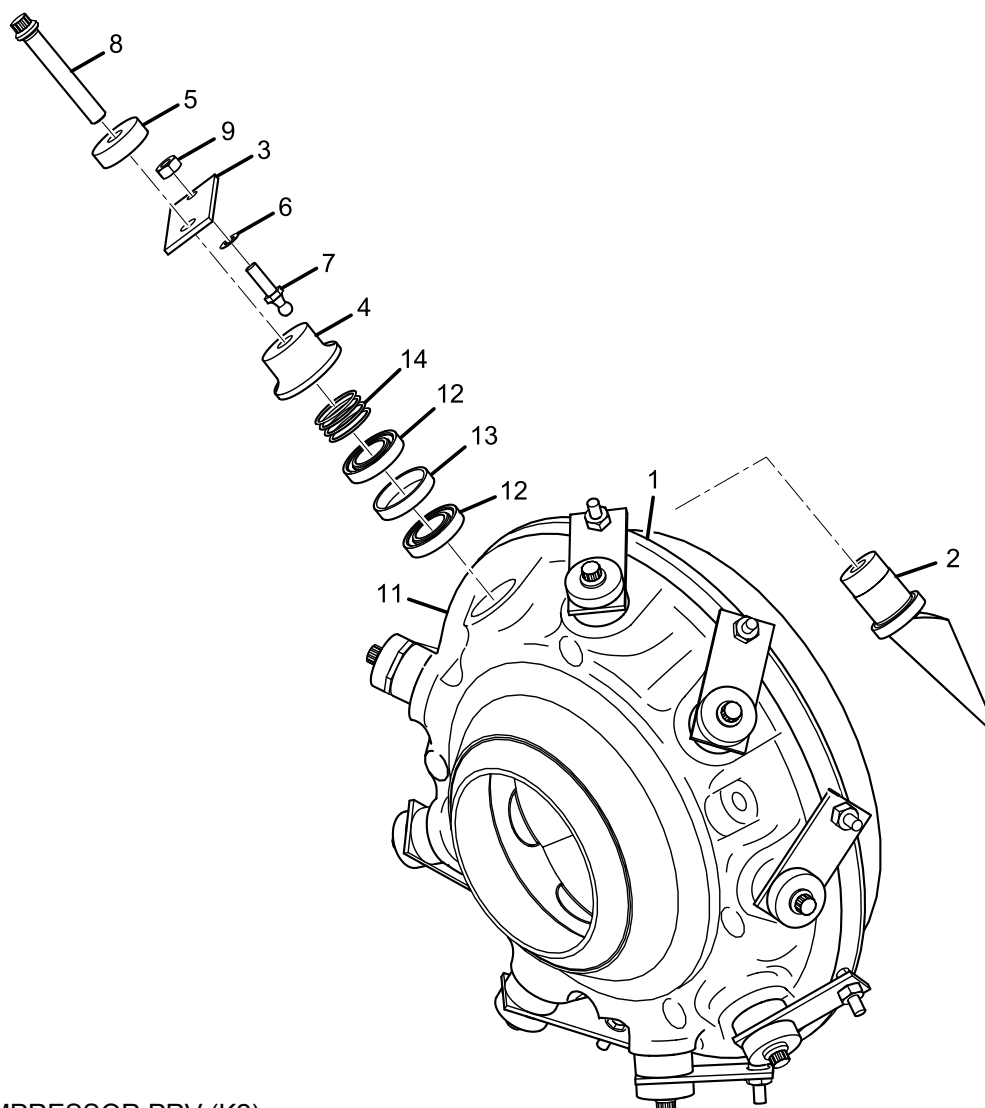


FIG. 11 – COMPRESSOR PRV (K2)

LD12810

VARIABLE GEOMETRY DIFFUSER (VGD) MODEL K2

ITEM	DESCRIPTION	PART #	QTY.
1	Ring, VGD Diffuser K2	064 51712 000	1
2	Screw, Cap Hex Soc Hd 5/16	021 31527 000	8
3	Pin, Drive	064 50470 000	4
4	Bearing, McGill Cf-3/4-B	029 24103 000	8
5	Nut, Hex 3/8 - 24 Unf-2b:	021 00474 000	8
6	Spacer, VGD	064 50758 000	4
7	Bearing, McGill Cyr 1 3/8	029 24104 000	4
8	Screw, Cap Hex Soc Hd 3/8	021 01508 000	4
9	Washer, Plain .384 Id X 5/8 Od	021 31155 000	4
10	Support, Axial Bearing	064 51714 000	4
11	Bushing, Eccentric	064 51713 000	4
12	Screw, Cap Hex Soc Hd	021 19223 000	8
13	Screw, Cap Hex Soc Hd 5/16	021 31326 000	2
14	Bushing, Garlock 16du12	029 24100 000	8
15	Washer, Conical Disk	021 31324 000	24
16	Washer, Plain Hardened 3/8 Id	021 31323 000	4
17	Screw, Cap Hex Soc Hd 1/4	021 02578 000	1
18	Screw, Set Hex Socket 1/4	021 31328 000	2
19	Pin, Tensioner VGD Drive Ring	064 50830 000	2
20	Primer, Locquic Grade N,	013 01753 000	0.142
21	Sealer, Removable Thread	013 03375 000	0.001
22	Block, Tensioner Drive Ring	064 50824 000	2
23	Screw, Shoulder Soc Hd 5/16	021 31322 000	2
24	Ring, VGD Drive	064 51710 000	1
25	Lub, Valve Stem 2 Oz. Tin	360 00125 000	0.02

VARIABLE GEOMETRY DIFFUSER (VGD) (CON'T)
MODEL K2

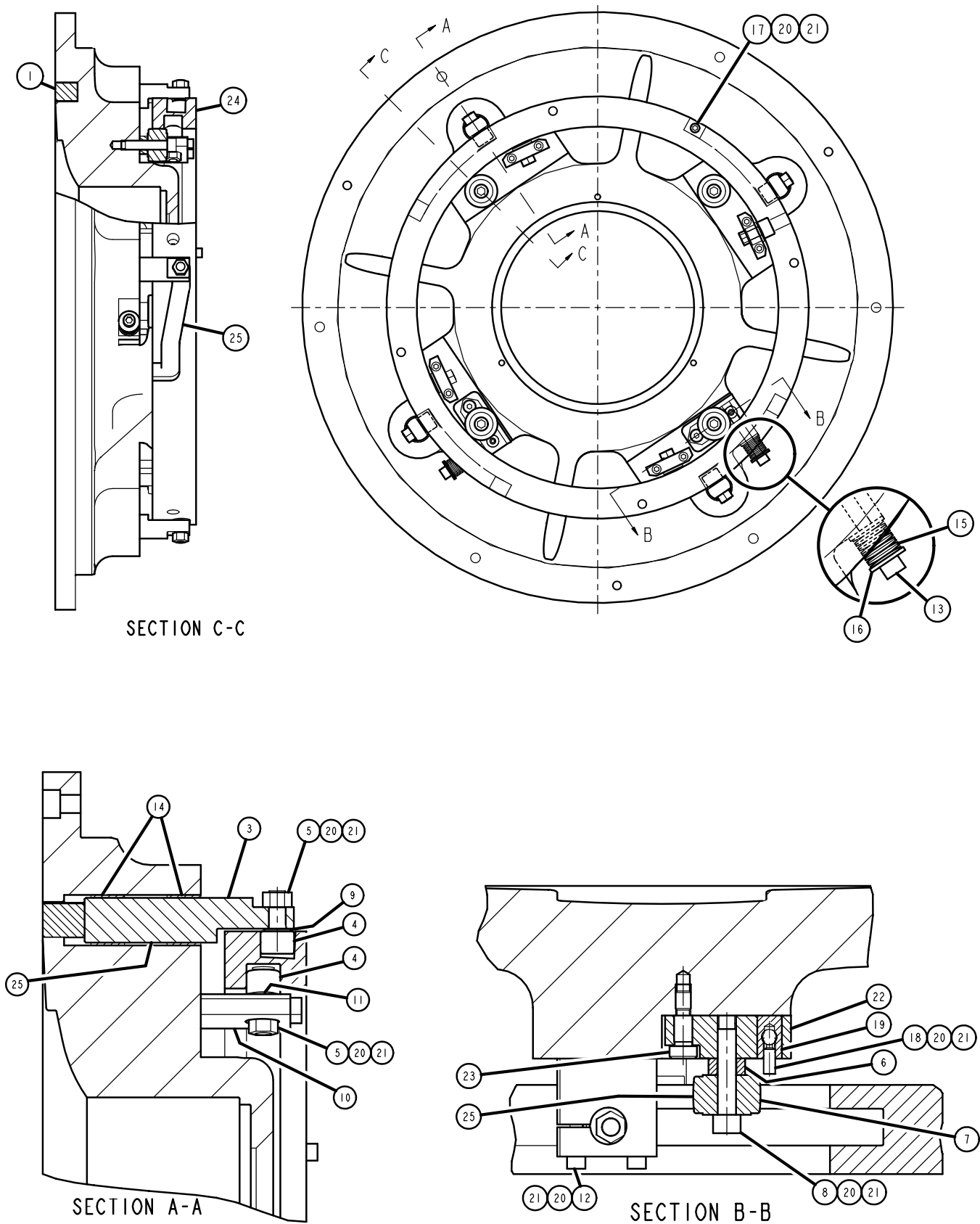


FIG. 12 – VARIABLE GEOMETRY DIFFUSER (K2)

LD12811

K3 COMPRESSOR

ITEM	DESCRIPTION	PART #	QTY.
1	Arm, Prv Motor	064 50614 000	1
2	Arm, Motor	064 51401 000	1
*3	Bearing, H.S. Forward Thrust K3-4	029 25063 000	1
*4	Bearing, H.S. Front K3-4	064 51782 000	1
*5	Bearing, H.S. Rear K3-4	064 51781 000	1
*6	Bearing, H.S. Reverse Thrust K3-4	029 25062 000	1
*7	Bearing, L.S. Front	064 47857 000	1
8	Bearing, L.S. Thrust	029 24757 000	1
*9	Bearing, L.S. Rear	064 47858 000	1
10	Bracket, Support Lower Prv	064 48851 000	1
11	Bushing, Garlock 16du12	029 24100 000	2
12	Clamp, Tube 1/8 Od	023 06163 000	1
*13	Collar, H.S. Thrust K3-4	064 51780 000	1
14	Collar, Impeller Clamping	064 47853 000	1
15	Collar, L.S. Thrust	064 51492 000	1
16	Connr, Cinch 3/8 Tube X	023 06801 000	3
17	Connr, Fla M X M 1/4 Od Fla	023 23367 000	1
18	Cover, Shaft Control	064 51671 000	2
19	Dowel, Pin Str	029 24130 000	2
20	Elbow, Cinch 3/8 Tube X	023 22141 000	2
22	Fillpiece, Prerot Device	064 10821 000	1
23	Fillpiece, Pre-Rotation Device	064 50765 000	1
24	Fillpiece, PRV Linkage	064 47727 000	1
25	Fillpiece, PRV Device	064 51523 000	1
26	Grease, Poe	044 03199 000	0.015
27	Header, Spray	064 47999 000	1
28	Impeller, 9.512 Eye Diameter K3	064 51729 001	1
29	Lever, Internal	064 51653 000	1
30	Lever, Internal VGD	064 51216 000	1
31	Lever, PRV External	064 50613 000	2
32	Link, External VGD	064 50723 000	1
33	Link, Ext Prv & Mot Tk131	064 46880 000	2
34	Lub, Valve Stem 2 Oz Tin	360 00125 000	0.02
35	Nameplate, Patent	029 13270 002	1
36	Np, Data	029 21398 000	1
37	Nut, Hex Mach Scr #10 - 32	021 08670 000	2
38	Nut, Hex 5/16 - 18unc-2b:	021 02523 000	4
39	Nut, Flare Hydraulic 1/4 Od	023 09670 000	1
40	Nut, Hex 1/4 - 20 Unc-2b:	021 00450 000	4
41	Orifice, Pipe Plug Yk Compr	064 51852 000	1

* Included in Bearing Kit † Included in O-Ring Kit

K3 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
42	Orifice, H.S. Oil Feed	064 49203 000	1
43	Pin, Dowel Tapped 3/8 Dia	029 18459 000	3
44	Plate, Cover Handhole	064 50139 000	1
45	Plate, Mtg	064 47998 000	1
46	Plug, Hex Hd 1-1/16	023 18295 000	1
47	Plug, Hex Hd 1-5/16	023 18282 000	2
48	Plug, Hex Hd 3/4	023 18280 000	2
49	Plug, Hex Hd 7/16	023 18279 000	2
50	Plug, Hollow Hex 7/16"	023 18921 000	3
51	Plug, Pipe, Flush Type Hex	023 05366 000	3
52	Plug, Pipe 1/4 Hex Socket	023 01973 000	3
53	Plug, PRV Assembly	064 50632 000	2
54	Plug, Hex Hd 9/16	023 18962 000	9
55	Primer, Locquic Grade N	013 01753 000	0.142
56	Probe, Proximity	025 40496 000	1
57	Retainer, B.P. Seal Washer	064 50239 000	1
58	Retainer, Bearing S Stage Turbo	064 46886 000	2
59	Retainer, Eye Seal K3	064 51778 000	1
60	Ring, Balance Piston Seal	064 50238 000	1
61	Ring, Eye Seal K3	064 51777 000	1
62	Rod, Adjustable PRV & VGD	364 51754 731	1
63	Rod, Adjustable PRV & VGD	364 51753 681	1
64	Screw, Cap Hex Soc Hd #10	021 31829 000	2
65	Screw, Cap Hex Soc Hd #8	021 19153 000	1
66	Screw, Cap Hex Soc Hd 1/4	021 29576 000	10
67	Screw, Cap Hex Soc Hd 1/4	021 18994 000	8
68	Screw, Cap Hex Soc Hd 1/4	021 02578 000	4
69	Screw, Cap Hex Soc Hd 1/4	021 12643 000	6
*70	Screw, Cap Hex Soc Hd 1/4	021 29501 000	3
71	Screw, Cap Hex Soc Hd 1/4	021 08993 000	3
72	Screw, Cap Hex Soc Hd 5/16	021 02581 000	2
73	Screw, Cap Hex Soc Hd 5/16	021 16173 000	2
74	Screw, Shoulder Soc Hd	021 17557 000	6
75	Screw, Cap 12 Pt Hd 3/8	021 11139 000	6
76	Screw, Cap 12 Pt Hd 3/8	021 11141 000	10
78	Screw, Cap 12 Pt Hd 3/8	021 11149 000	2
79	Screw, Cap 12 Pt Hd 3/8-16x1-1/	021 11175 000	10
80	Screw, Cap 12 Pt Hd 5/8	021 11553 000	56
81	Screw, Cap 12 Pt Hd 3/8	021 11917 000	16
82	Screw, Cap 12 Pt Hd 3/8	021 11920 000	14

* Included in Bearing Kit

† Included in O-Ring Kit

K3 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
83	Screw, Cap 12 Pt Head 3/8	021 17553 000	1
84	Screw, Cap 12 Pt Hd 3/8	021 17618 000	1
85	Screw, Cap 12 Pt Hd 3/8	021 18808 000	3
86	Screw, Cap 12 Pt Hd 3/8	021 18788 000	4
87	Screw, Cap 12 Pt Hd 1/2	021 11926 000	4
88	Screw, Cap 12 Pt Hd 1/2	021 11525 000	2
89	Screw, Cap 12 Pt Hd 1/2	021 12165 000	6
90	Screw, Cap 12 Pt Hd 1/2	021 31600 000	2
91	Hhcs, 0.250-20 X 1.500 Gr 5 Bl	021 13223 000	2
92	Screw, Drive Ty U #4 X 1/4	021 03720 000	8
93	Screw, Cap Flat Soc Hd 3/8	021 13856 000	2
94	Screw, Set Hex Soc Cup Pt	021 00774 000	1
†95	O-Ring, Neop 00.468id .078thk M	028 12961 003	11
†96	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†97	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†98	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†99	O-Ring, Neo1 27.560id .139thk S	028 15565 000	1
†100	O-Ring, Hnbr 40.690id .139thk S	028 15444 000	1
†101	O-Ring, Hnbr 44.050id .275thk M	028 15443 000	1
†102	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†103	O-Ring, Hnbr 06.737id .103thk M	028 15446 000	1
†104	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†105	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
†106	O-Ring, Neop 05.609id .139thk M	028 12258 000	1
†107	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†108	O-Ring, Neop 10.484id .139thk M	028 12226 000	1
†109	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†110	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†111	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†112	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†113	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
114	Seal, Double Shaft	029 24762 000	1
†115	O-Ring, Neo1 05.859id .139thk M	028 12204 000	1
116	Sealer, Grade Avv Loctite 086	013 01671 000	0.008
117	Sealer, Removable Thread	013 03375 000	0.001
118	Sealer, Gasket Eliminator	013 02827 000	0.2
119	Shaft, Control VGD	364 51673 000	2
120	Sleeve, Flare Hydraulic 1/4 Od	023 10000 000	1
121	Spacer, .50 Lg X .33 Id X .63od	064 50611 000	2
122	Spacer, Flanged, PRV & VGD	064 50612 000	4

* Included in Bearing Kit † Included in O-Ring Kit

K3 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
123	Tube, Gear Cooling	064 51248 000	1
124	Tube, L.S. Oil Drain	064 51222 000	1
125	Tube, Oil Drain Shaft Seal	064 51637 000	1
126	Tube, Oil Drain H.S. Thrust	064 51638 000	1
127	Valve, Check Oil 1/8 Npte	022 04444 000	1
128	Valve, Stop Ang Vertical	022 09578 000	1
129	Washer, Eye Spring K3	064 51779 000	1
130	Washer, Plain Hardened	021 17264 000	4
131	Washer, Plain 13/32 Id X 13/16	021 01274 000	2
132	Washer, Spring Ha 104 Balance	064 50240 000	1
133	Wiring, PRV Motor Actuator	375 49340 103	2
193	Device, PRV K3	364 51772 000	1
300	Compressor, Large Parts K3	164 51795 300	1
300A	Support, Rotor W/ Bearing Housing	364 51498 000	1
300B	Scroll ,Rotor K3	064 51768 000	1
300C	Plate, Diffuser K3	064 51627 000	1
301	Plate, Nozzle Base K3 VGD	064 51773 000	1
302	Device, VGD K3	364 51776 000	1

* Included in Bearing Kit

† Included in O-Ring Kit

**K3 COMPRESSOR
BEARING KIT
(464 52065 000)**

ITEM	DESCRIPTION	PART #	QTY.
*3	Bearing, H.S. Forward Thrust K3-4	029 25063 000	1
*4	Bearing, H.S. Front K3-4	064 51782 000	1
*5	Bearing, H.S. Rear K3-4	064 51781 000	1
*6	Bearing, H.S. Reverse Thrust K3-4	029 25062 000	1
*7	Bearing, L.S. Front	064 47857 000	1
*9	Bearing, L.S. Rear	064 47858 000	1
*13	Collar, H.S. Thrust K3-4	064 51780 000	1
*70	Screw, Cap Hex Soc Hd, 1/4	031 29501 000	1

**K3 COMPRESSOR
O-RING KIT
(464 52068 000)**

ITEM	DESCRIPTION	PART #	QTY.
†95	O-Ring, Neop 00.468id .078thk M	028 12961 003	11
†96	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†97	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†98	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†99	O-Ring, Neo1 27.560id .139thk S	028 15565 000	1
†100	O-Ring, Hnbr 40.690id .139thk S	028 15444 000	1
†101	O-Ring, Hnbr 44.050id .275thk M	028 15443 000	1
†102	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†103	O-Ring, Hnbr 06.737id .103thk M	028 15446 000	1
†104	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†105	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
†106	O-Ring, Neop 05.609id .139thk M	028 12258 000	1
†107	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†108	O-Ring, Neop 10.484id .139thk M	028 12226 000	1
†109	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†110	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†111	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†112	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†113	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
†115	O-Ring, Neo1 05.859id .139thk M	028 12204 000	1

K3 COMPRESSOR

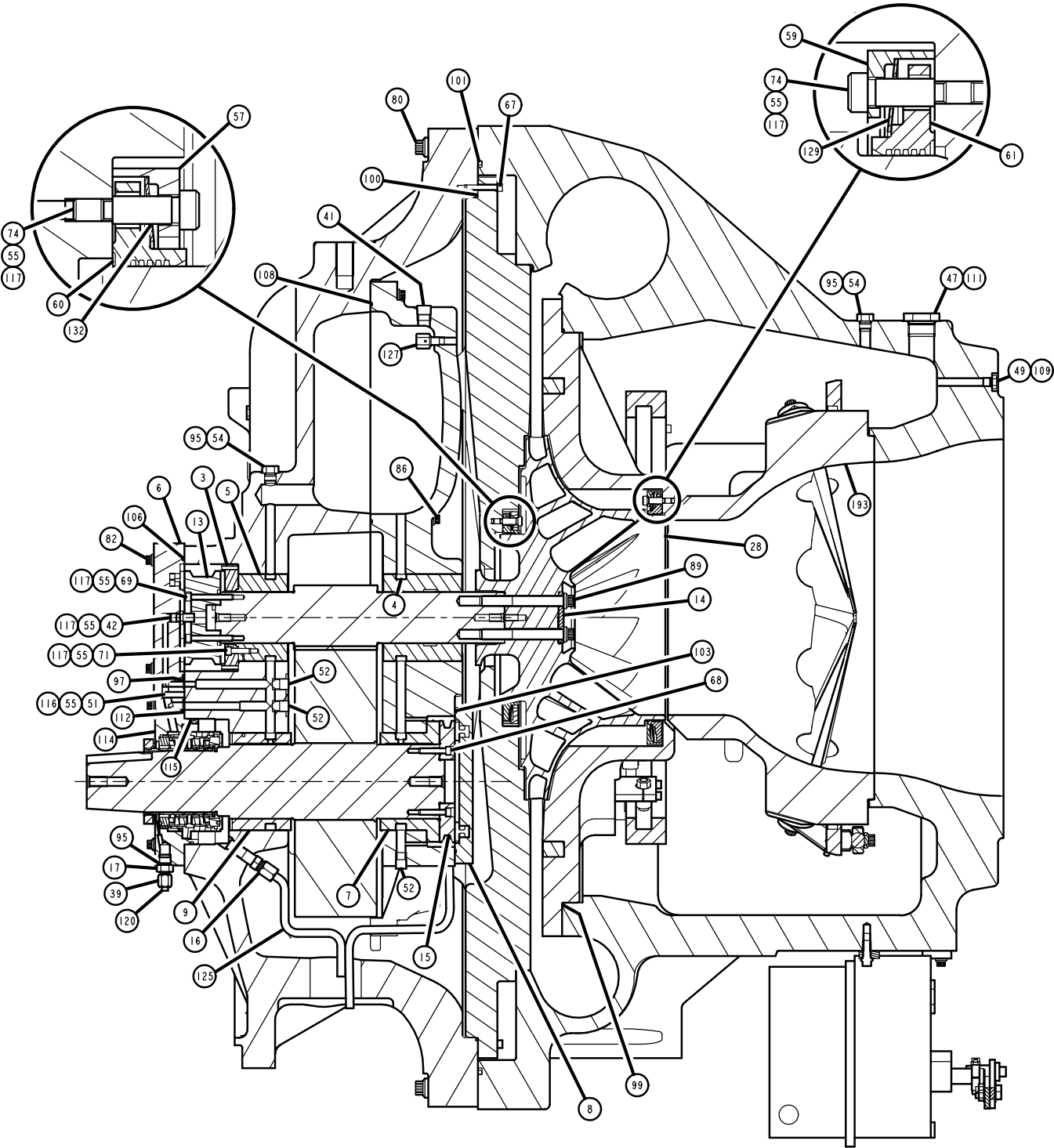
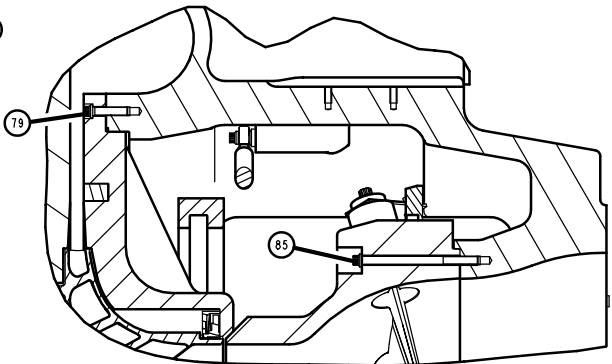
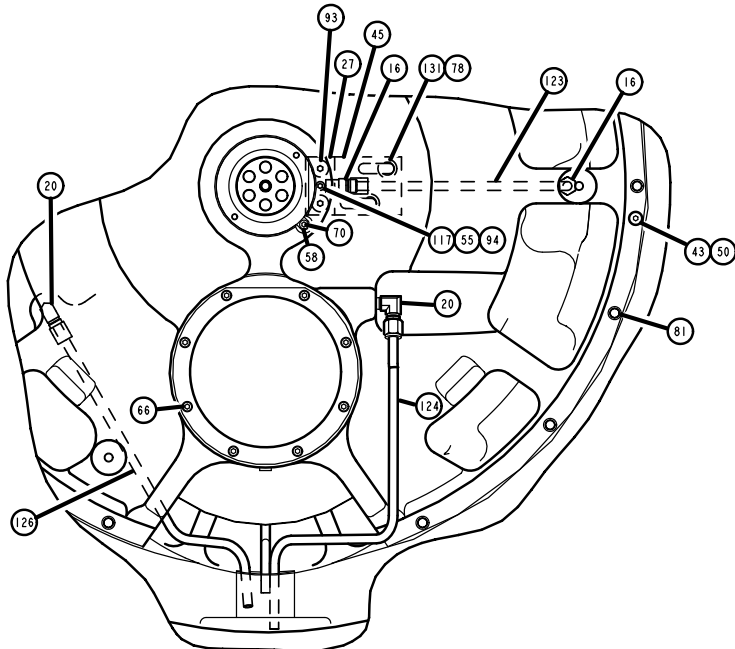
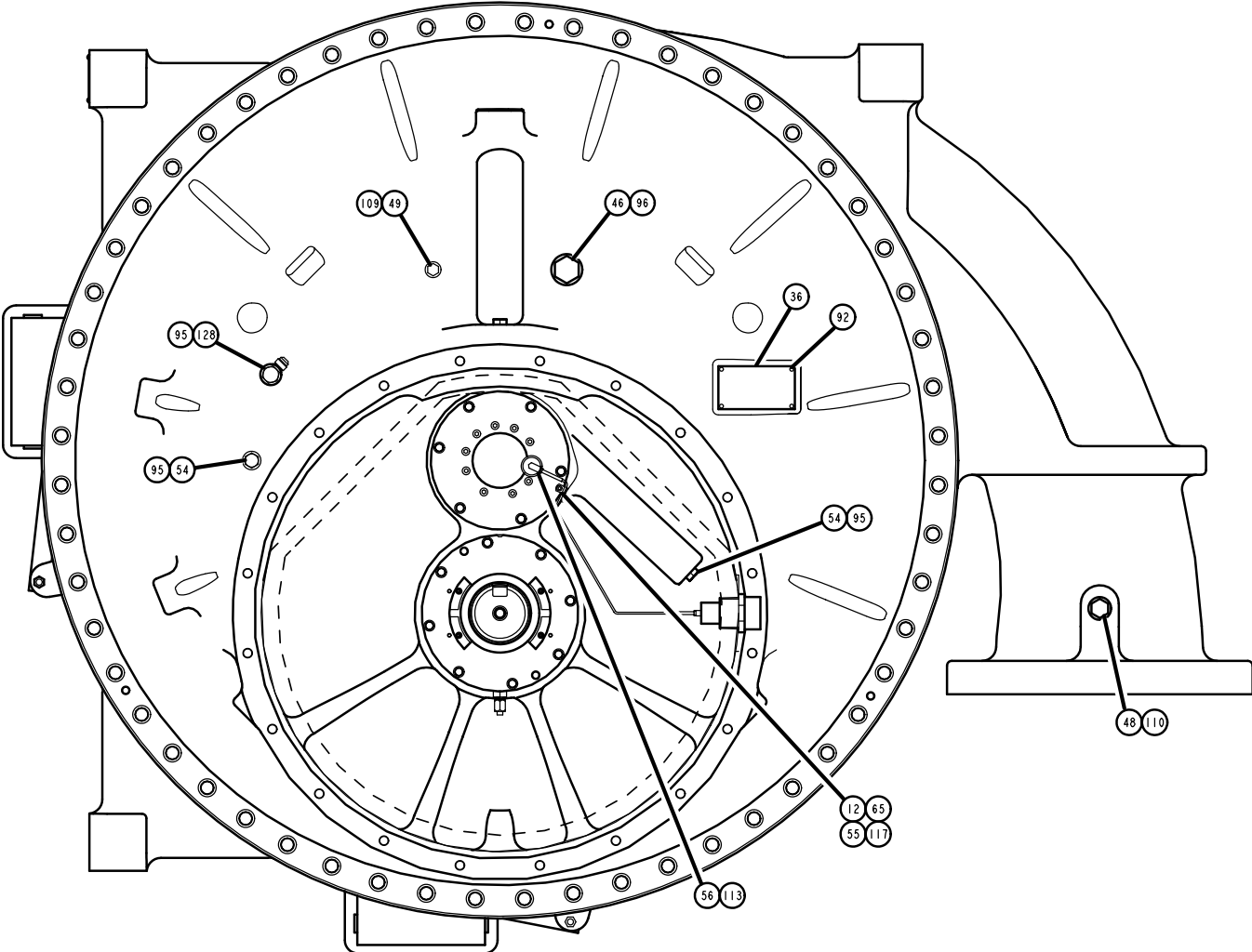


FIG. 13 – K3 COMPRESSOR

K3 COMPRESSOR (CON'T)



VIEW B-B

SECTION P-P

FIG. 14 – K3 COMPRESSOR

LD12817

K3 COMPRESSOR (CON'T)

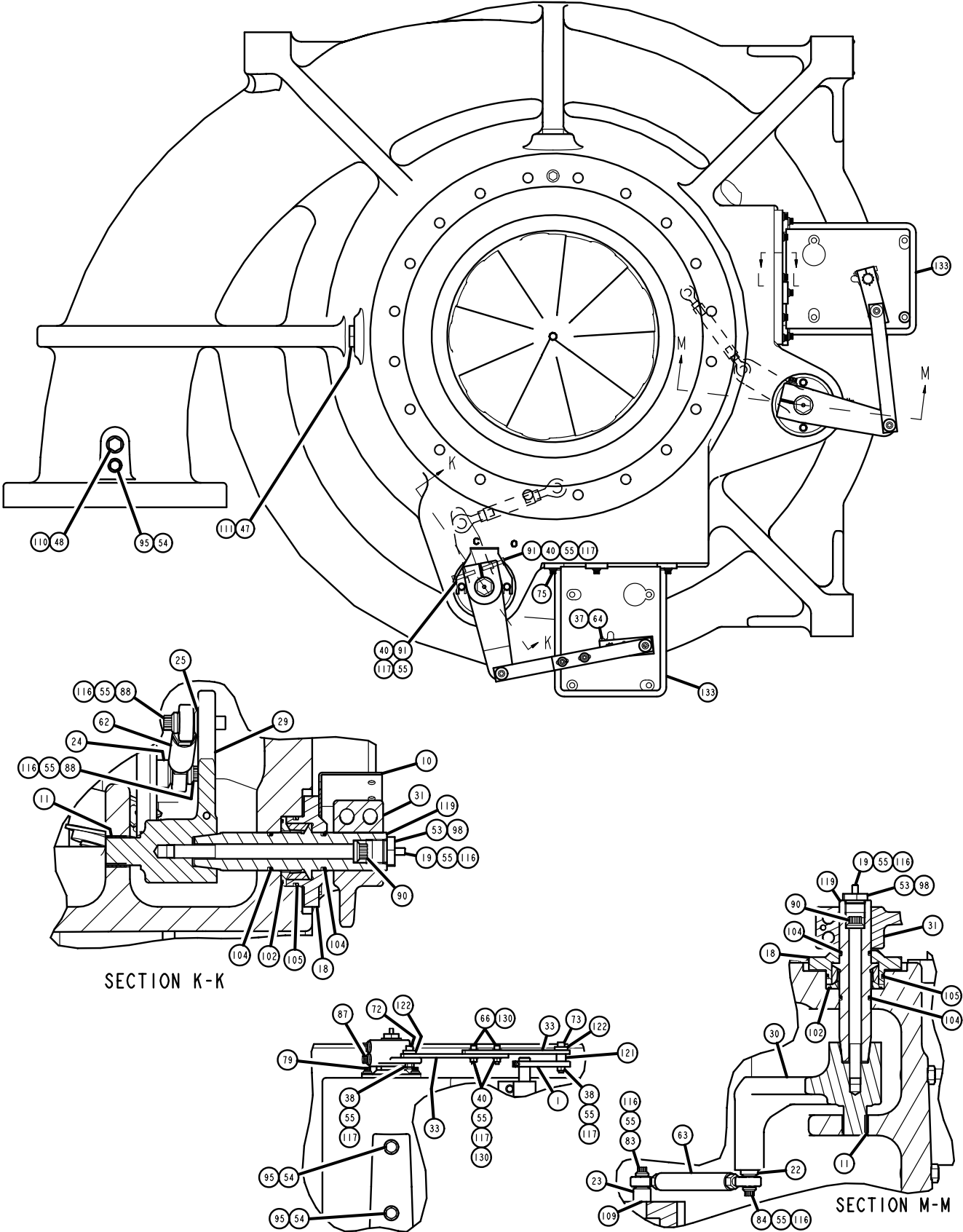


FIG. 15 – K3 COMPRESSOR

K3 COMPRESSOR (CON'T)

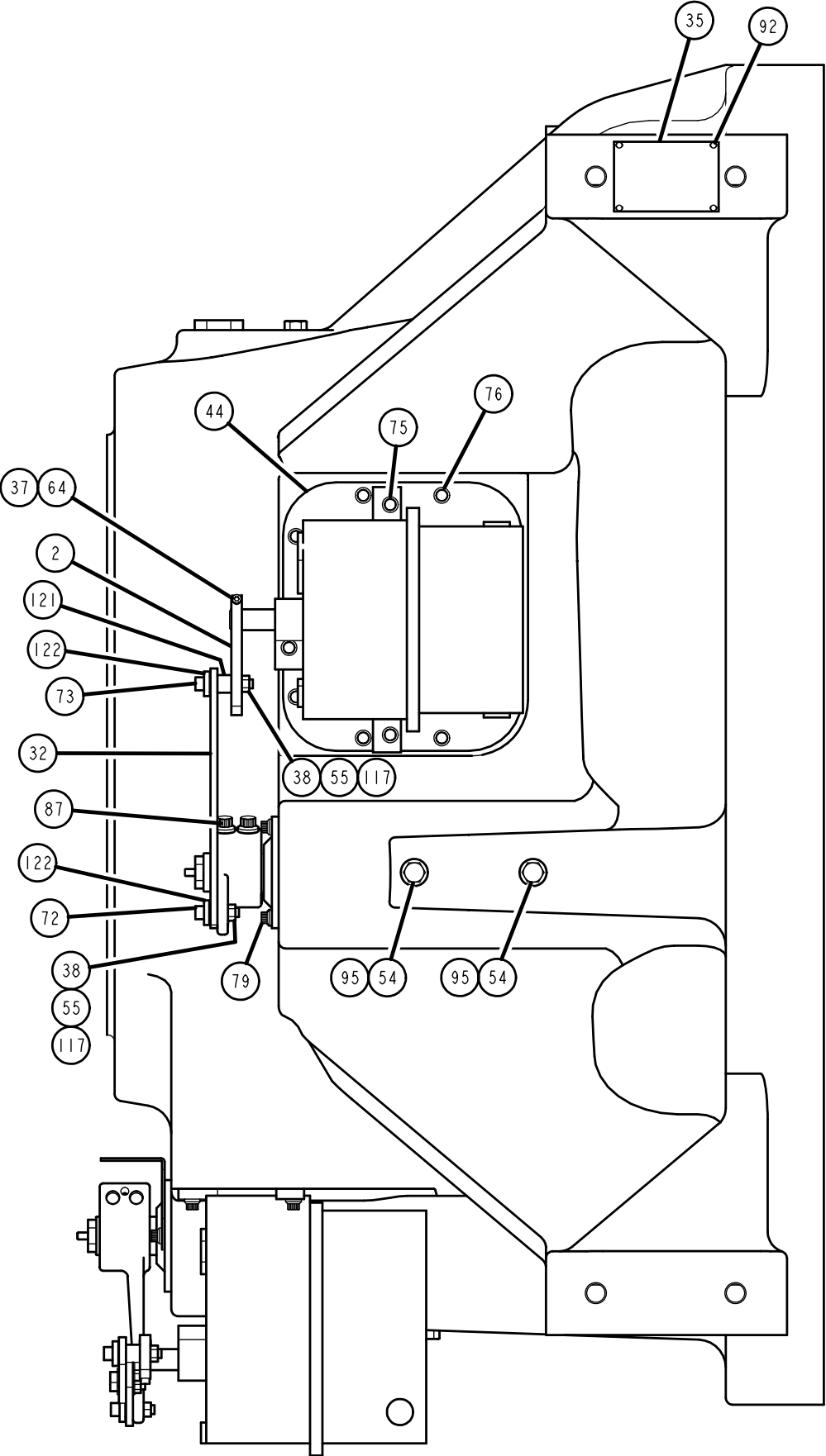


FIG. 16 – K3 COMPRESSOR

LD12819

DEVICE PRE-ROTATION MODEL K3

ITEM	DESCRIPTION	PART #	QTY.
1	Ring, Vane Driving K3-4	064 51771 000	1
2	Vane, Pre-Rotation K3-4	064 51769 000	9
3	Arm, PRV	064 47508 000	9
4	Spacer, PRV Arm K3-4	064 51652 000	9
5	Washer, Special PRV	064 47516 000	9
6	Washer, Plain 17/64 ID 1/2	021 11973 000	18
7	Stud, Ball 1/4-28 Unf	029 15924 000	9
8	Screw, Cap 12pt Hd 1/2	021 11515 000	9
9	Nut, Selflock 1/4-28 Unf	021 12943 000	9
10	Lubricant, Molybdenum	011 00253 000	.001
11	Housing, PRV K3	064 51770 000	1
12	Bearing, Ball Deep Groove	029 25085 000	18
13	Spacer	064 51646 000	9
14	Spring, Overlap Type Wave	029 25086 000	18

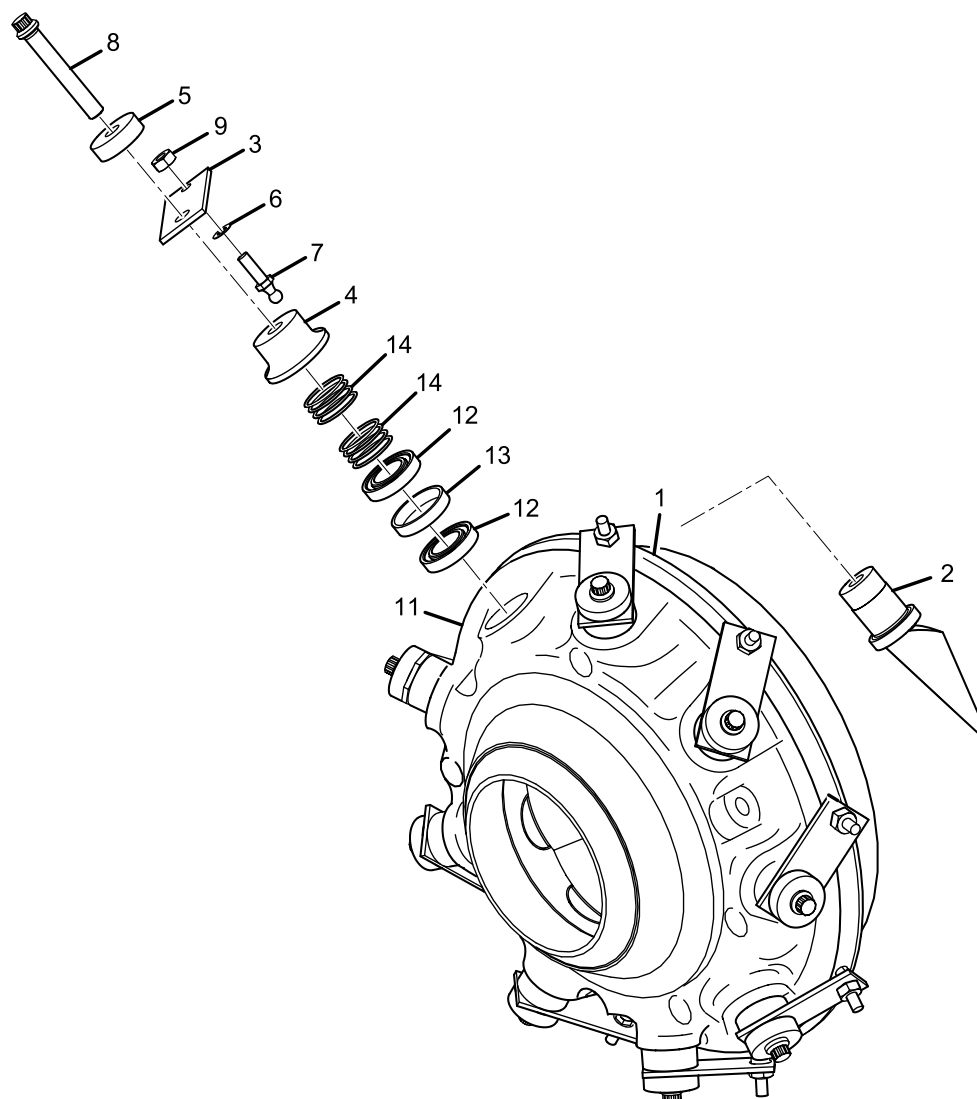


FIG. 17 – COMPRESSOR PRV (K3)

LD12820

VARIABLE GEOMETRY DIFFUSER (VGD) MODEL K3

ITEM	DESCRIPTION	PART #	QTY.
1	Ring, VGD Diffuser K3	064 51775 000	1
2	Screw, Cap Hex Soc Hd 5/16	021 31527 000	8
3	Pin, Drive	064 50470 000	4
4	Bearing, McGill Cf-3/4-B	029 24103 000	8
5	Nut, Hex 3/8 - 24 Unf-2b:	021 00474 000	8
6	Spacer, VGD	064 50758 000	4
7	Bearing, McGill Cyr 1 3/8	029 24104 000	4
8	Screw, Cap Hex Soc Hd 3/8	021 01508 000	4
9	Washer, Plain .384 Id X 5/8 Od	021 31155 000	4
10	Support, Axial Bearing	064 51714 000	4
11	Bushing, Eccentric	064 51713 000	4
12	Screw, Cap Hex Soc Hd	021 19223 000	8
13	Screw, Cap Hex Soc Hd 5/16	021 31326 000	2
14	Bushing, Garlock 16du12	029 24100 000	8
15	Washer, Conical Disk	021 31324 000	24
16	Washer, Plain Hardened 3/8 Id	021 31323 000	4
17	Screw, Cap Hex Soc Hd 1/4	021 02578 000	1
18	Screw, Set Hex Socket 1/4	021 31328 000	2
19	Pin, Tensioner VGD Drive Ring	064 50830 000	2
20	Primer, Locquic Grade N,	013 01753 000	0.142
21	Sealer, Removable Thread	013 03375 000	0.001
22	Block, Tensioner Drive Ring	064 50824 000	2
23	Screw, Shoulder Soc Hd 5/16	021 31322 000	2
24	Ring, VGD Drive	064 51774 000	1
25	Lub, Valve Stem 2 Oz. Tin	360 00125 000	0.02

VARIABLE GEOMETRY DIFFUSER (VGD) (CON'T)
MODEL K3

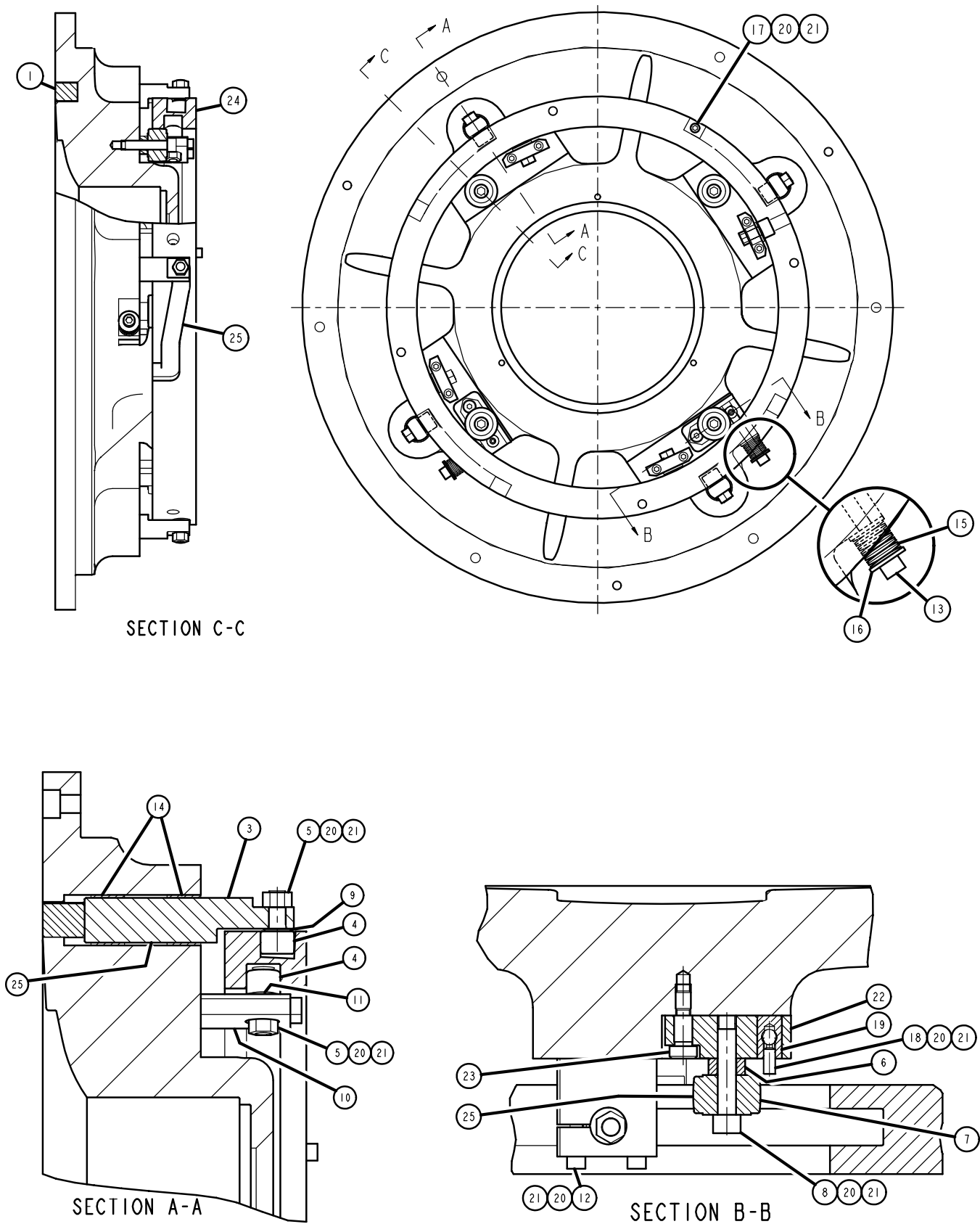


FIG. 18 – VARIABLE GEOMETRY DIFFUSER (K3)

LD12811

K4 COMPRESSOR

ITEM	DESCRIPTION	PART #	QTY.
1	Arm, Prv Motor	064 50614 000	1
2	Arm, Motor	064 51401 000	1
*3	Bearing, H.S. Forward Thrust K3-4	029 25063 000	1
*4	Bearing, H.S. Front K3-4	064 51782 000	1
*5	Bearing, H.S. Rear K3-4	064 51781 000	1
*6	Bearing, H.S. Reverse Thrust K3-4	029 25062 000	1
*7	Bearing, L.S. Front	064 47857 000	1
8	Bearing, L.S. Thrust	029 24757 000	1
*9	Bearing, L.S. Rear	064 47858 000	1
10	Bracket, Support Lower PRV	064 48851 000	1
11	Bushing, Garlock 16du12	029 24100 000	2
12	Clamp, Tube 1/8 Od	023 06163 000	1
*13	Collar, H.S. Thrust K3-4	064 51780 000	1
14	Collar, Impeller Clamping	064 47853 000	1
15	Collar, L.S. Thrust	064 51492 000	1
16	Connr, Cinch 3/8 Tube X	023 06801 000	3
17	Connr, Fla M X M 1/4 Od Fla	023 23367 000	1
18	Cover, Shaft Control	064 51671 000	2
19	Dowel, Pin Str	029 24130 000	2
20	Elbow, Cinch 3/8 Tube X	023 22141 000	2
22	Fillpiece, Prerot Device	064 10821 000	1
23	Fillpiece, Pre-Rotation Device	064 50765 000	1
24	Fillpiece, PRV Linkage	064 47727 000	1
25	Fillpiece, PRV Device	064 51523 000	1
26	Grease, Poe	044 03199 000	0.015
27	Header, Spray	064 47999 000	1
28	Impeller, 10.631 Eye Diameter K4	064 51730 001	1
29	Lever, Internal	064 51653 000	1
30	Lever, Internal VGD	064 51216 000	1
31	Lever, Prv External	064 50613 000	2
32	Link, External VGD	064 50723 000	1
33	Link, Ext Prv & Mot Tk131	064 46880 000	2
34	Lub, Valve Stem 2 Oz Tin	360 00125 000	0.02
35	Nameplate, Patent	029 13270 002	1
36	Np, Data	029 21398 000	1
37	Nut, Hex Mach Scr #10 - 32	021 08670 000	2
38	Nut, Hex 5/16 - 18unc-2b:	021 02523 000	4
39	Nut, Flare Hydraulic 1/4 Od	023 09670 000	1
40	Nut, Hex 1/4 - 20 Unc-2b:	021 00450 000	4
41	Orifice, Pipe Plug YK Compr	064 51852 000	1

* Included in Bearing Kit

† Included in O-Ring Kit

K4 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
42	Orifice, H.S. Oil Feed H	064 49203 000	1
43	Pin, Dowel Tapped 3/8 Dia	029 18459 000	3
44	Plate, Cover Handhole	064 50139 000	1
45	Plate, Mtg Ha50-73	064 47998 000	1
46	Plug, Hex Hd 1-1/16	023 18295 000	1
47	Plug, Hex Hd 1-5/16	023 18282 000	2
48	Plug, Hex Hd 3/4	023 18280 000	2
49	Plug, Hex Hd 7/16	023 18279 000	2
50	Plug, Hollow Hex 7/16"	023 18921 000	3
51	Plug, Pipe, Flush Type Hex	023 05366 000	3
52	Plug, Pipe 1/4 Hex Socket	023 01973 000	3
53	Plug, Prv Assembly	064 50632 000	2
54	Plug, Hex Hd 9/16	023 18962 000	9
55	Primer, Locquic Grade N,	013 01753 000	0.142
56	Probe, Proximity	025 40496 000	1
57	Retainer, B.P. Seal Washer	064 51510 000	1
58	Retainer, Bearing S Stage Turbo	064 46886 000	2
59	Retainer, Eye Seal K4	064 51827 000	1
60	Ring, Bal.Pist. Seal	064 51509 000	1
61	Ring, Eye Seal K4	064 51826 000	1
62	Rod, Adjustable PRV & VGD	364 51754 731	1
63	Rod, Adjustable PRV & VGD	364 51753 681	1
64	Screw, Cap Hex Soc Hd #10	021 31829 000	2
65	Screw, Cap Hex Soc Hd #8	021 19153 000	1
66	Screw, Cap Hex Soc Hd 1/4	021 29576 000	10
67	Screw, Cap Hex Soc Hd 1/4	021 18994 000	8
68	Screw, Cap Hex Soc Hd 1/4	021 02578 000	4
69	Screw, Cap Hex Soc Hd 1/4	021 12643 000	6
*70	Screw, Cap Hex Soc Hd 1/4	021 29501 000	3
71	Screw, Cap Hex Soc Hd 1/4	021 08993 000	3
72	Screw, Cap Hex Soc Hd 5/16	021 02581 000	2
73	Screw, Cap Hex Soc Hd 5/16	021 16173 000	2
74	Screw, Shoulder Soc Hd	021 17557 000	6
75	Screw, Cap 12 Pt Hd 3/8	021 11139 000	6
76	Screw, Cap 12 Pt Hd 3/8	021 11141 000	10
78	Screw, Cap 12 Pt Hd 3/8	021 11149 000	2
79	Screw, Cap 12 Pt Hd 3/8-16x1-1/	021 11175 000	10
80	Screw, Cap 12 Pt Hd 5/8	021 11553 000	56
81	Screw, Cap 12 Pt Hd 3/8	021 11917 000	16
82	Screw, Cap 12 Pt Hd 3/8	021 11920 000	14

* Included in Bearing Kit

† Included in O-Ring Kit

K4 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
83	Screw, Cap 12 Pt Head 3/8	021 17553 000	1
84	Screw, Cap 12 Pt Hd 3/8	021 17618 000	1
85	Screw, Cap 12 Pt Hd 3/8	021 18808 000	3
86	Screw, Cap 12 Pt Hd 3/8	021 18788 000	4
87	Screw, Cap 12 Pt Hd 1/2	021 11926 000	4
88	Screw, Cap 12 Pt Hd 1/2	021 11525 000	2
89	Screw, Cap 12 Pt Hd 1/2	021 12165 000	6
90	Screw, Cap 12 Pt Hd 1/2	021 31600 000	2
91	Hhcs, 0.250-20 X 1.500 Gr 5 Bl	021 13223 000	2
92	Screw, Drive Ty U #4 X 1/4	021 03720 000	8
93	Screw, Cap Flat Soc Hd 3/8	021 13856 000	2
94	Screw, Set Hex Soc Cup Pt	021 00774 000	1
†95	O-Ring, Neop 00.468id .078thk M	028 12961 003	11
†96	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†97	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†98	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†99	O-Ring, Neo1 31.174id .139thk S	028 15072 000	1
†100	O-Ring, Hnbr 40.690id .139thk S	028 15444 000	1
†101	O-Ring, Hnbr 44.050id .275thk M	028 15443 000	1
†102	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†103	O-Ring, Hnbr 06.737id .103thk M	028 15446 000	1
†104	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†105	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
†106	O-Ring, Neop 05.609id .139thk M	028 12258 000	1
†107	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†108	O-Ring, Neop 10.484id .139thk M	028 12226 000	1
†109	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†110	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†111	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†112	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†113	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
114	Seal, Double Shaft	029 24762 000	1
115	O-Ring, Neo1 05.859id .139thk M	028 12204 000	1
116	Sealer, Grade Avv Loctite 086	013 01671 000	0.008
117	Sealer, Removable Thread	013 03375 000	0.001
118	Sealer, Gasket Eliminator,	013 02827 000	0.2
119	Shaft, Contl VGD	364 51673 000	2
120	Sleeve, Flare Hydraulic 1/4 Od	023 10000 000	1
121	Spacer, .50 Lg X .33 Id X .63od	064 50611 000	2
122	Spacer, Flanged, PRV & VGD	064 50612 000	4

* Included in Bearing Kit † Included in O-Ring Kit

K4 COMPRESSOR (CON'T)

ITEM	DESCRIPTION	PART #	QTY.
123	Tube, Gear Cooling	064 51248 000	1
124	Tube, L.S. Oil Drain	064 51222 000	1
125	Tube, Oil Drain Shaft Seal	064 51637 000	1
126	Tube, Oil Drain H.S. Thrust	064 51638 000	1
127	Valve, Check Oil 1/8 Npte	022 04444 000	1
128	Valve, Stop Ang Vertical	022 09578 000	1
129	Washer, Eye Spring K4	064 51828 000	1
130	Washer, Plain Hardened	021 17264 000	4
131	Washer, Plain 13/32 Id X 13/16	021 01274 000	2
132	Washer, Spring Balance	064 51511 000	1
133	Wiring, PRV Motor Actuator	375 49340 103	2
193	Device, PRV K4	364 51772 001	1
300	Compressor, Large Parts K4	164 51829 300	1
300A	Support, Rotor W/Brg Hsg	364 51498 000	1
300B	Scroll, Rotor K4	064 51821 000	1
300C	Plate, Diffuser K4	064 51820 000	1
301	Plate, Nozzle Base K4 VGD	064 51822 000	1
302	Device, VGD K4	364 51825 000	1

* Included in Bearing Kit

† Included in O-Ring Kit

**K4 COMPRESSOR
BEARING KIT
(464 52065 000)**

ITEM	DESCRIPTION	PART #	QTY.
*3	Bearing, H.S. Forward Thrust K3-4	029 25063 000	1
*4	Bearing, H.S. Front K3-4	064 51782 000	1
*5	Bearing, H.S. Rear K3-4	064 51781 000	1
*6	Bearing, H.S. Reverse Thrust K3-4	029 25062 000	1
*7	Bearing, L.S. Front	064 47857 000	1
*9	Bearing, L.S. Rear	064 47858 000	1
*13	Collar, H.S. Thrust K3-4	064 51780 000	1
*70	Screw, Cap Hex Soc Hd 1/4	021 029501 000	1

**K4 COMPRESSOR
O-RING KIT
(464 52069 000)**

ITEM	DESCRIPTION	PART #	QTY.
†95	O-Ring, Neop 00.468id .078thk M	028 12961 003	11
†96	O-Ring, Neop 00.924id .116thk M	028 12961 006	1
†97	O-Ring, Neo1 00.301id .070thk M	028 12513 000	3
†98	O-Ring, Neop 00.755id .097thk M	028 12961 005	2
†99	O-Ring, Neo1 31.174id .139thk S	028 15072 000	1
†100	O-Ring, Hnbr 40.690id .139thk S	028 15444 000	1
†101	O-Ring, Hnbr 44.050id .275thk M	028 15443 000	1
†102	O-Ring, Neo1 02.112id .103thk M	028 15432 000	2
†103	O-Ring, Hnbr 06.737id .103thk M	028 15446 000	1
†104	O-Ring, Neo1 01.109id .139thk M	028 12200 000	4
†105	O-Ring, Neop 02.234id .139thk M	028 03803 000	2
†106	O-Ring, Neop 05.609id .139thk M	028 12258 000	1
†107	O-Ring, Neo1 08.234id .139thk M	028 15078 000	1
†108	O-Ring, Neop 10.484id .139thk M	028 12226 000	1
†109	O-Ring, Neop 00.351id .072thk M	028 12961 001	3
†110	O-Ring, Neop 00.644id .087thk M	028 12961 004	2
†111	O-Ring, Neop 01.171id .116thk M	028 12961 008	2
†112	O-Ring, Hnbr 00.424id .103thk M	028 15428 000	1
†113	O-Ring, Neop 00.301id .064thk M	028 12961 021	1
†115	O-Ring, Neo1 05.859id .139thk M	028 12204 000	1

K4 COMPRESSOR

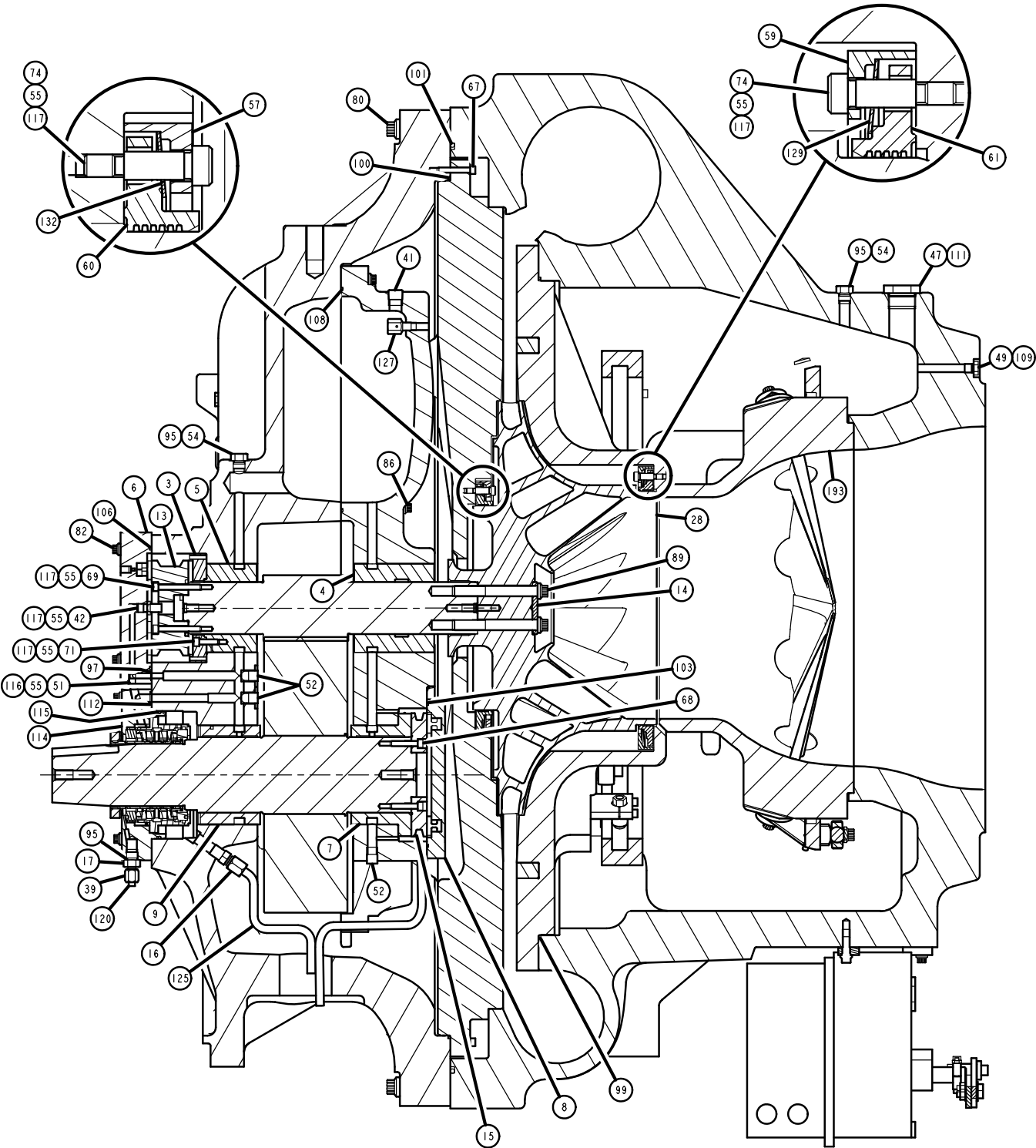


FIG. 19 – K4 COMPRESSOR

K4 COMPRESSOR CON'T)

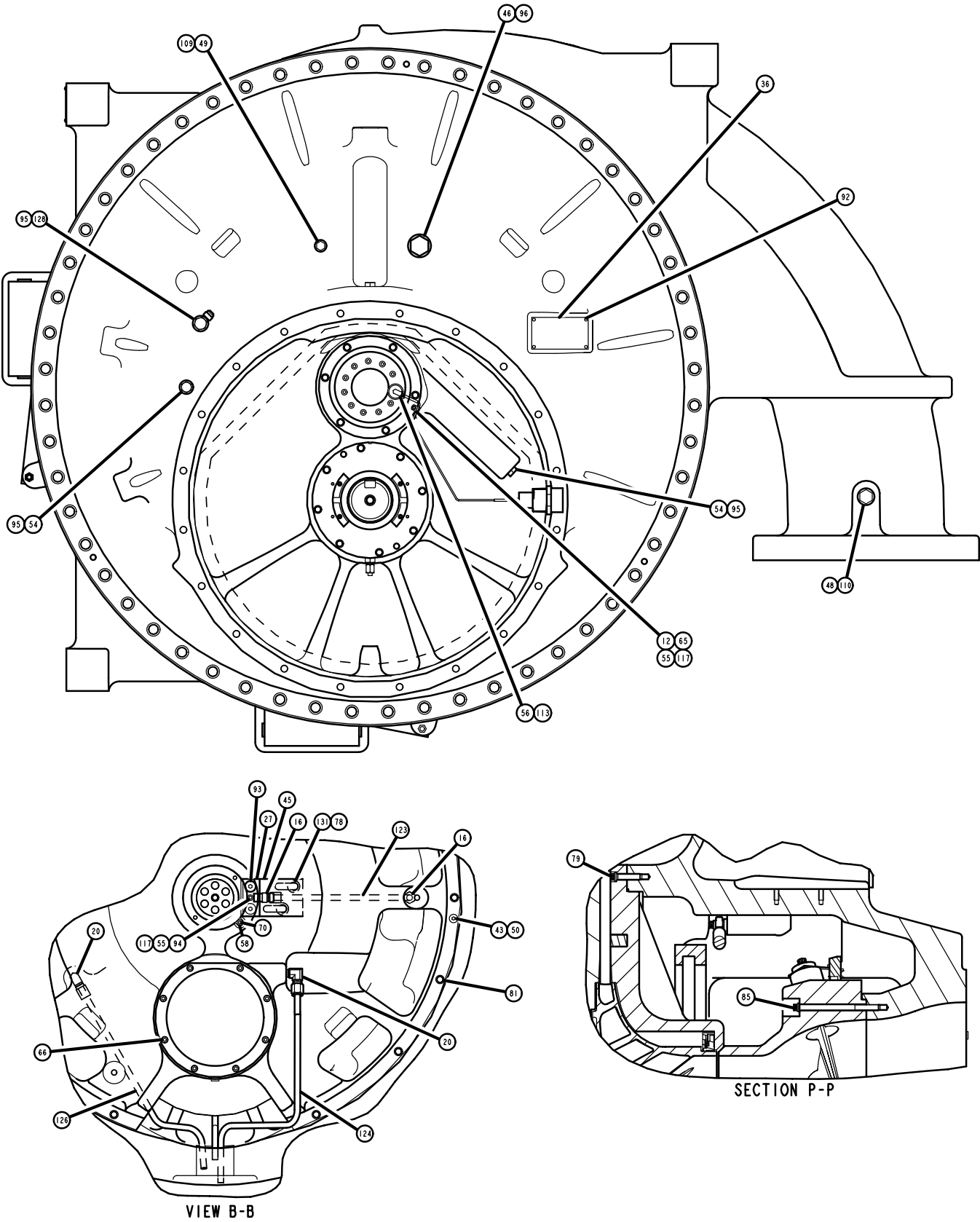


FIG. 20 – K4 COMPRESSOR

LD12822

K4 COMPRESSOR CON'T)

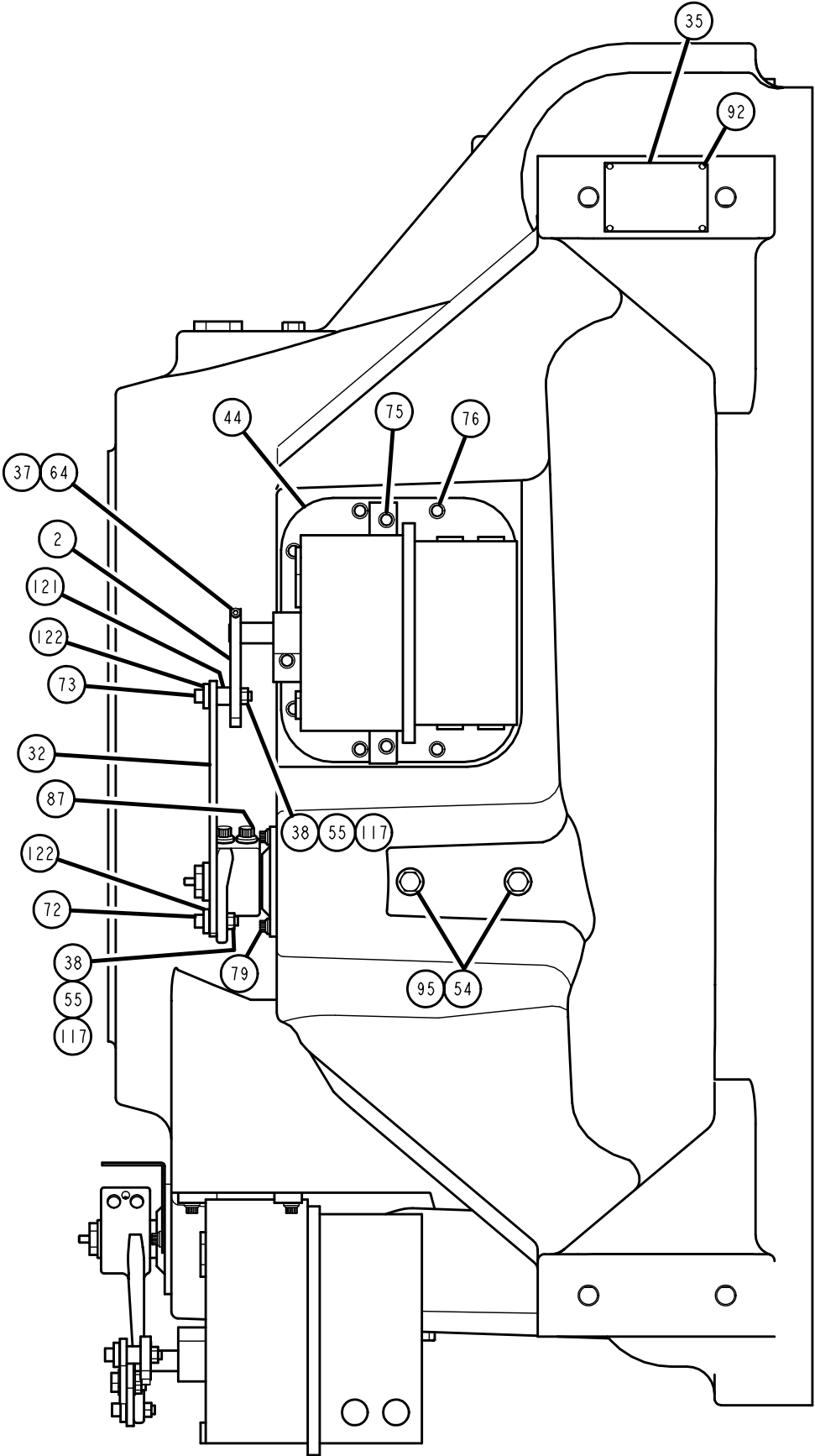


FIG. 22 – K4 COMPRESSOR

LD12824

DEVICE PRE-ROTATION MODEL K4

ITEM	DESCRIPTION	PART #	QTY.
1	Ring, Vane Driving K3-4	064 51771 000	1
2	Vane, Pre-Rotation K3-4	064 51769 000	9
3	Arm, PRV	064 47508 000	9
4	Spacer, PRV Arm K3-4	064 51652 000	9
5	Washer, Special PRV	064 47516 000	9
6	Washer, Plain 17/64 ID 1/2	021 11973 000	18
7	Stud, Ball 1/4-28 Unf	029 15924 000	9
8	Screw, Cap 12pt Hd 1/2	021 11515 000	9
9	Nut, Selflock 1/4-28 Unf	021 12943 000	9
10	Lubricant, Molybdenum	011 00253 000	.001
11	Housing, PRV K4	064 51807 000	1
12	Bearing, Ball Deep Groove	029 25085 000	18
13	Spacer, PRV Bearing	064 51646 000	9
14	Spring, Overlap Type Wave	029 25086 000	18

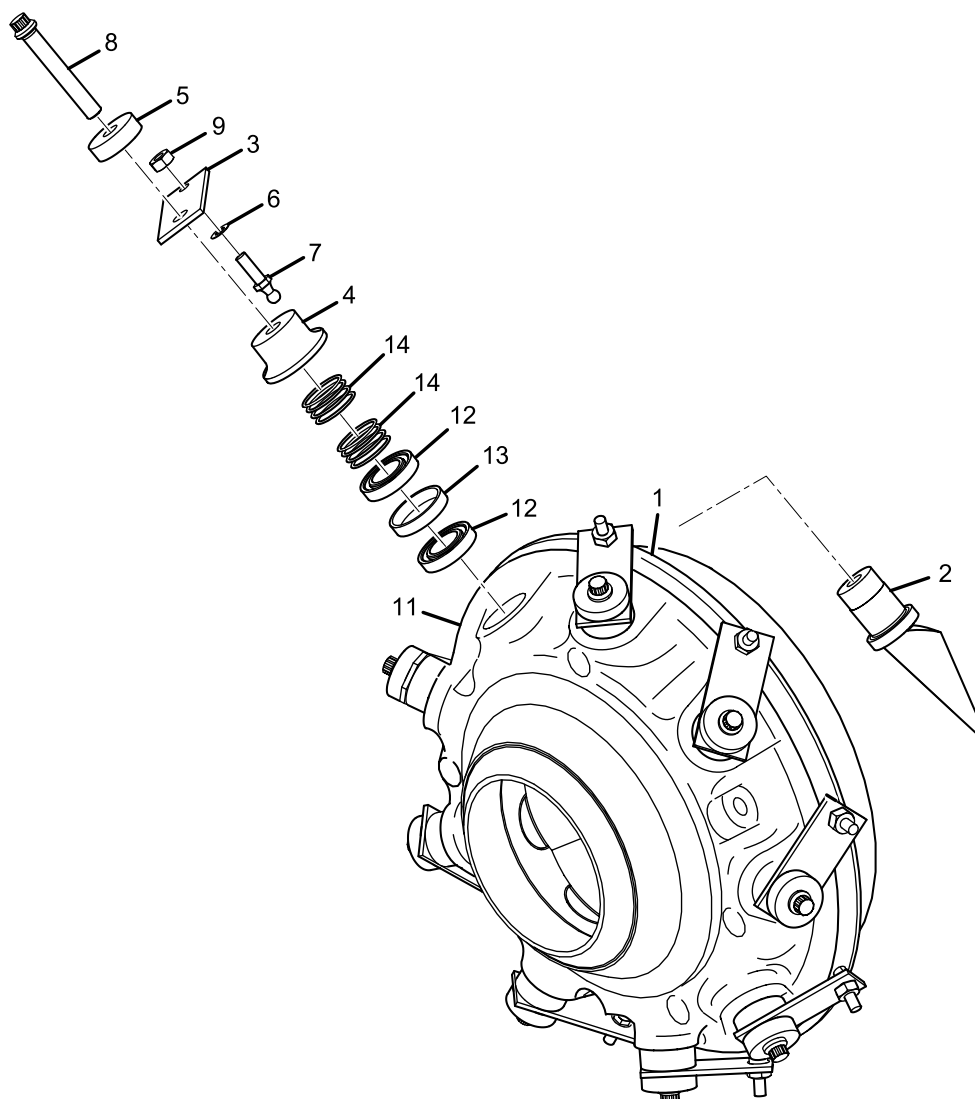


FIG. 23 – COMPRESSOR PRV (K4)

LD12820

VARIABLE GEOMETRY DIFFUSER (VGD) MODEL K4

ITEM	DESCRIPTION	PART #	QTY.
1	Ring, VGD Diffuser K4	064 51824 000	1
2	Screw, Cap Hex Soc Hd 5/16	021 31527 000	8
3	Pin, Drive	064 50470 000	4
4	Bearing, McGill Cf-3/4-B	029 24103 000	8
5	Nut, Hex 3/8 - 24 Unf-2b:	021 00474 000	8
6	Spacer, VGD	064 50758 000	4
7	Bearing, McGill Cyr 1 3/8	029 24104 000	4
8	Screw, Cap Hex Soc Hd 3/8	021 01508 000	4
9	Washer, Plain .384 Id X 5/8 Od	021 31155 000	4
10	Support, Axial Bearing	064 51714 000	4
11	Bushing, Eccentric	064 51713 000	4
12	Screw, Cap Hex Soc Hd	021 19223 000	8
13	Screw, Cap Hex Soc Hd 5/16	021 31326 000	2
14	Bushing, Garlock 16du12	029 24100 000	8
15	Washer, Conical Disk	021 31324 000	24
16	Washer, Plain Hardened 3/8 Id	021 31323 000	4
17	Screw, Cap Hex Soc Hd 1/4	021 02578 000	1
18	Screw, Set Hex Socket 1/4	021 31328 000	2
19	Pin, Tensioner VGD Drive Ring	064 50830 000	2
20	Primer, Locquic Grade N,	013 01753 000	0.142
21	Sealer, Removable Thread	013 03375 000	0.001
22	Block, Tensioner Drive Ring	064 50824 000	2
23	Screw, Shoulder Soc Hd 5/16	021 31322 000	2
24	Ring, VGD Drive K4	064 51823 000	1
25	Lub, Valve Stem 2 Oz. Tin	360 00125 000	0.02

VARIABLE GEOMETRY DIFFUSER (VGD) (CON'T)
MODEL K4

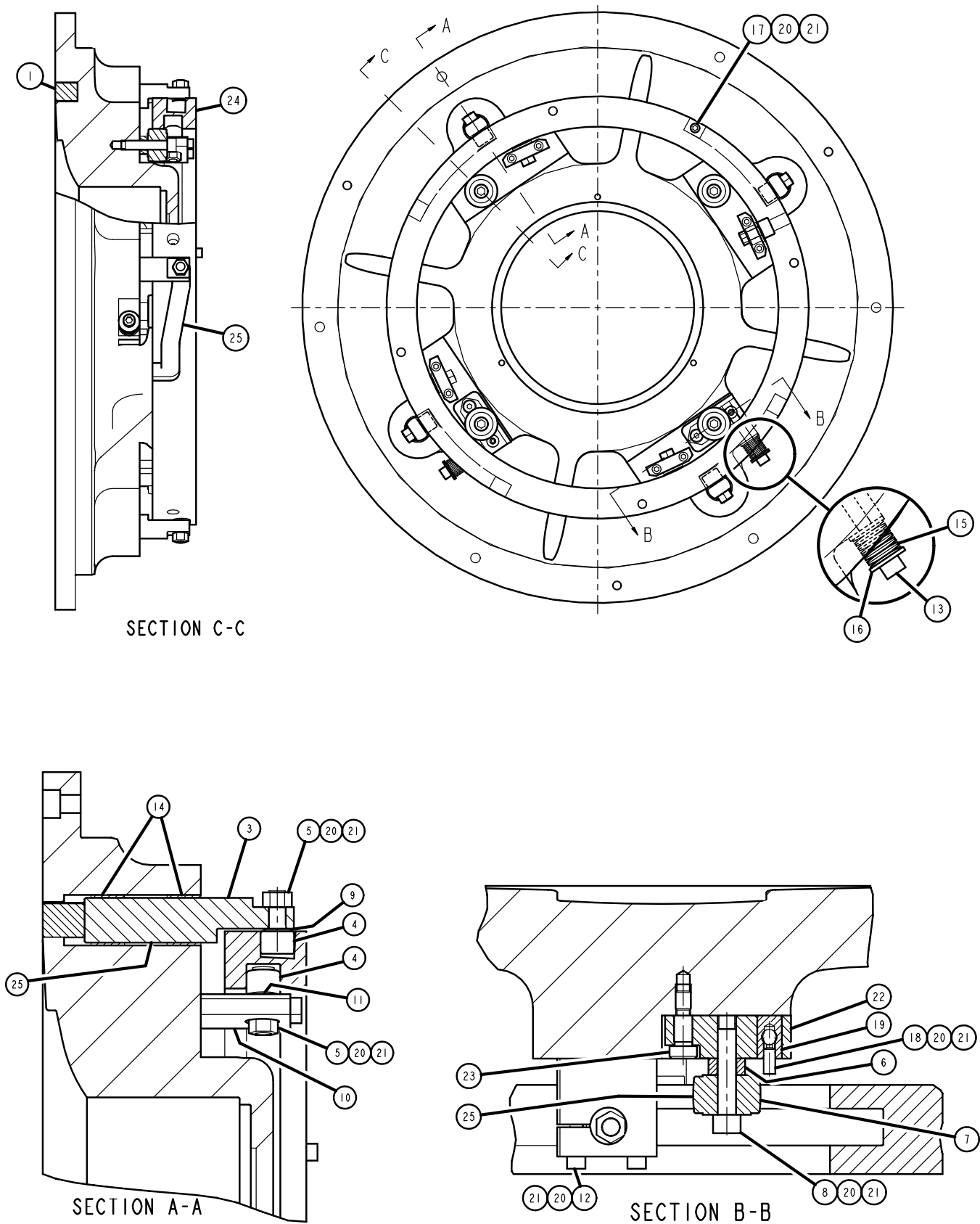


FIG. 24 – VARIABLE GEOMETRY DIFFUSER (K4)

OIL PUMP HOUSING

ITEM	DESCRIPTION	FIG.	YORK P/N
1	BODY, OIL PUMP HOUSING WELDING H9	17	375 59318 001
2	PUMP, OIL 20 GPM YK	17	026 37937 000
3	BLOCK, OIL EDUCTOR SPECIAL K	17	026 37533 000
4	HEATER, ELECTRIC IMMER TY (200-346 VOLT)	17	025 32909 000
	HEATER, ELECTRIC IMMER TY (380-416 VOLT)	17	025 32917 000
	HEATER, ELECTRIC IMMER TY (440-600 VOLT)	17	025 32918 000
5	VALVE, STOP ANGLE VERTICAL	17	022 09578 000
6	VALVE, STOP ANGLE VERTICAL	17	022 09577 000
7	VALVE, STOP ANGLE VERTICAL	17	022 10054 000
8	CAGE, LIQUID LEVEL SIGHT FRONT	17	026 37571 000
9	SENSOR, TEMPERATURE 50,000 OHMS	17	025 33288 000
10	TERMINAL, HV FUSED GLASS	17	025 32933 000
11	VALVE, STOP ANGLE VERTICAL	17	022 10047 000
12	SCREW, CAP HEX SOC HD 3/8	17	021 01508 000
13	SEAL, O-RING NEOPRENE	17	028 12961 010
14	SEAL, O-RING NEOPRENE	17	028 12961 008
15	SEAL, O-RING NEOPRENE	17	028 12961 006
16	SEAL, O-RING NEOPRENE	17	028 12961 004
17	SEAL, O-RING NEOPRENE	17	028 12961 003
18	SEAL, O-RING NEOPRENE	17	028 12961 035
19	SEAL, O-RING 5/8 ID X 3/32	17	028 12961 001
20	SEAL, O-RING NEOPRENE	17	028 12961 035
21	BOX, ELEC 4 OCTAGON X 4 DEEP	17	025 33238 000
22	COVER, FILTER OUTPUT ASSY	17	375 26580 000
23	SCREW, MACH PAN HD RECD 1	17	021 03741 000
24	TERMINAL, PUSH-ON STR 14-10	17	025 09455 000
25	STRAP, CABLE T & B L7-50-9-M	*	025 09607 000
26	CAP, SEALING, CAPLUG 250	*	028 04574 000
27	INSR, ELEC	*	025 10371 000
28	FERR, SPLICE CAP	*	025 10372 000
29	PLATE, OIL PUMP MTG MACHINING	17	075 54038 000
30	PIN, SLOT SPG 3/16 X 1/2	*	029 04138 000
31	SEAL, O-RING NEOPRENE	17	028 11977 000

NOTE: Items with an * are NOT represented.

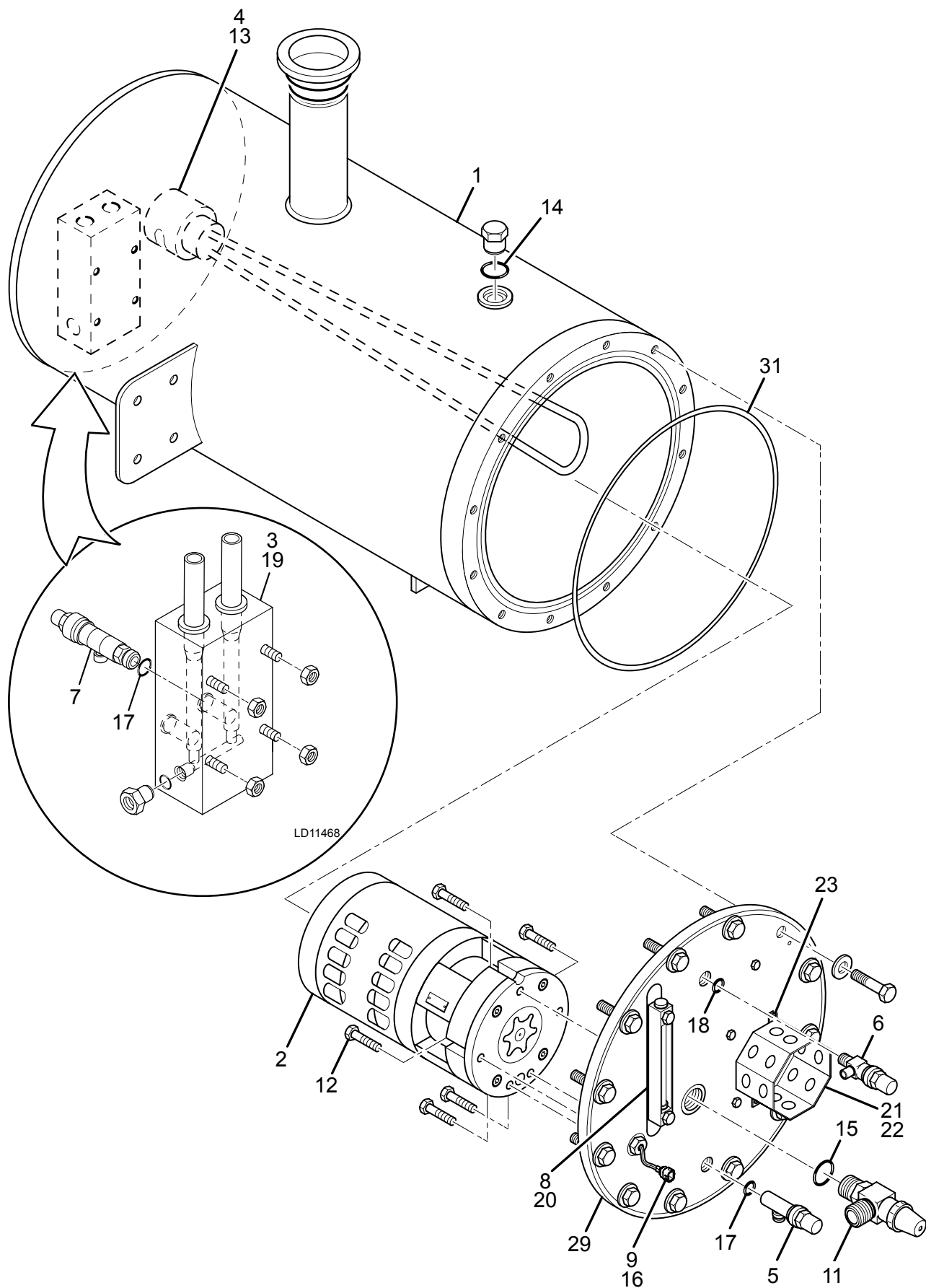


FIG. 25 – OIL PUMP HOUSING ASSEMBLY

LD11467

OIL RETURN LINE

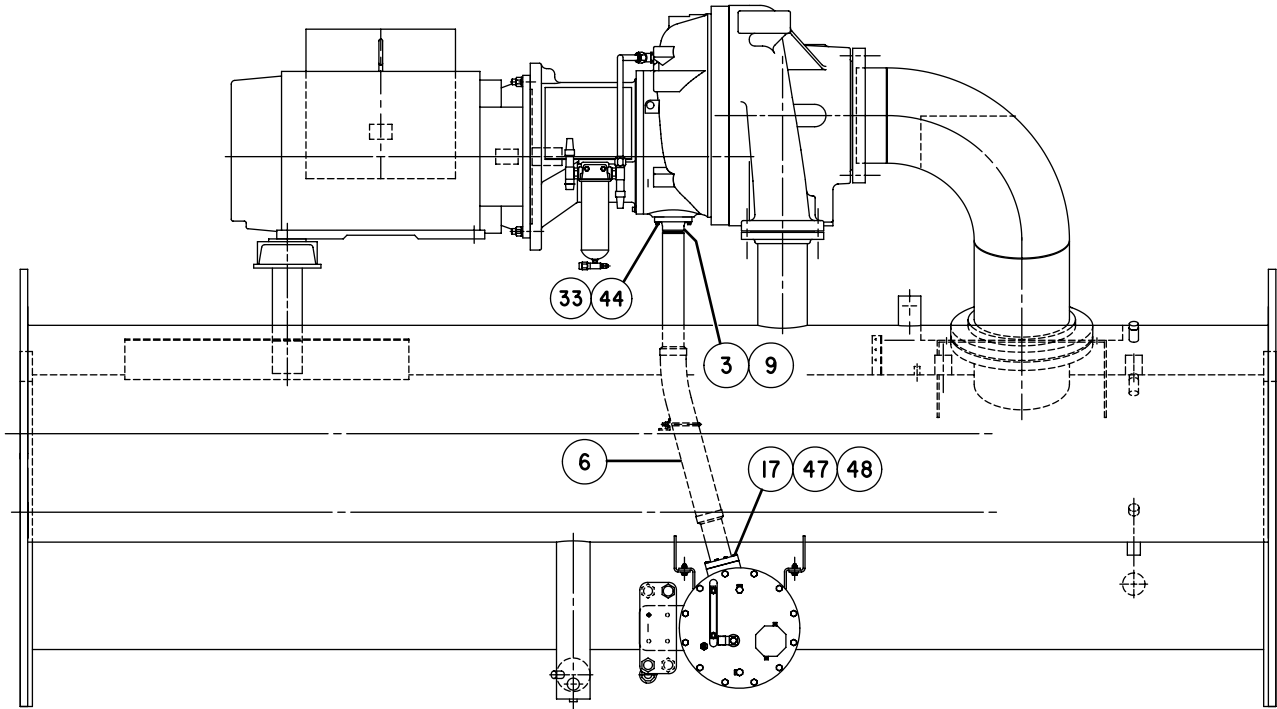


FIG. 26 - OIL RETURN LINE

LD08939

ITEM	DESCRIPTION	QTY.	PART NUMBER
3	FLANGE, OIL DRAIN	1	064 48289 000
6	HOSE, BRAIDED FLEX METAL	-	-
	50" LONG	1	026 37992 001
	46" LONG	1	026 37992 002
	56" LONG	1	026 37992 003
	58" LONG	1	026 37992 004
	63" LONG	1	026 37992 005
9	SEAL, O-RING 3-1/8 ID X 3-1/2	1	028 12597 000
17	SCREW, CAP HEX 1/4 -20UNC	8	021 01392 000
33	LOCKWASHER, HEL SPG 3/8 REG	8	021 05269 000
44	SCREW, CAP 12PT HD 3/8	8	021 11175 000
47	LOCKWASHER, HEL SPG 1/4 REG	8	021 05267 000
48	SEAL, O-RING 2-3/4 ID X	1	028 05166 000

COMPRESSOR PIPING

ITEM	DESCRIPTION	QTY.	PART NUMBER
3	VALVE, STOP ANG VERTICAL	1	022 10054 000
6	VALVE, STOP ANG VERTICAL	2	022 10046 000
9	ELBOW, 3/4 O.D.TUBE 90 DEG MALE	1	023 18291 000
17	ELBOW, CONNR 3/4 O.D.	1	023 20272 000
	CONNR, STRAIGHT 3/4 O.D.	-	023 18290 000
27	SEAL, O-RING NEOPRENE	2	028 12961 006
31	SEAL, O-RING NEOPRENE	4	028 12961 015
32	SEAL, O-RING NEOPRENE	2	028 12961 016
33	SLEEVE, 1" O.D. TUBE	2	023 18285 000
35	SLEEVE, SST 3/4 O.D. TUBE	1	023 20827 005
37	SLEEVE, PLATED STEEL 3/4 O.D. TUBE	3	023 18284 000
40	NUT, 3/4 O.D. TUBE	4	023 18286 000
41	NUT, 1" O.D. TUBE	2	023 18287 000
46	CONNR, 3/8 O.D.TUBE MALE	1	023 18976 000
47	CONNR, 1 O.D. TUBE MALE	1	023 18972 000
161	NUT, 3/8 O.D. TUBE	3	023 18977 000
165	SEAL, O-RING NEOPRENE	2	028 12961 012
166	SEAL, O-RING NEOPRENE	1	028 12961 003
167	SEAL, O-RING NEOPRENE	1	028 12961 008
170	SLEEVE, 3/8 O.D. TUBE	3	023 18978 000

COMPRESSOR PIPING

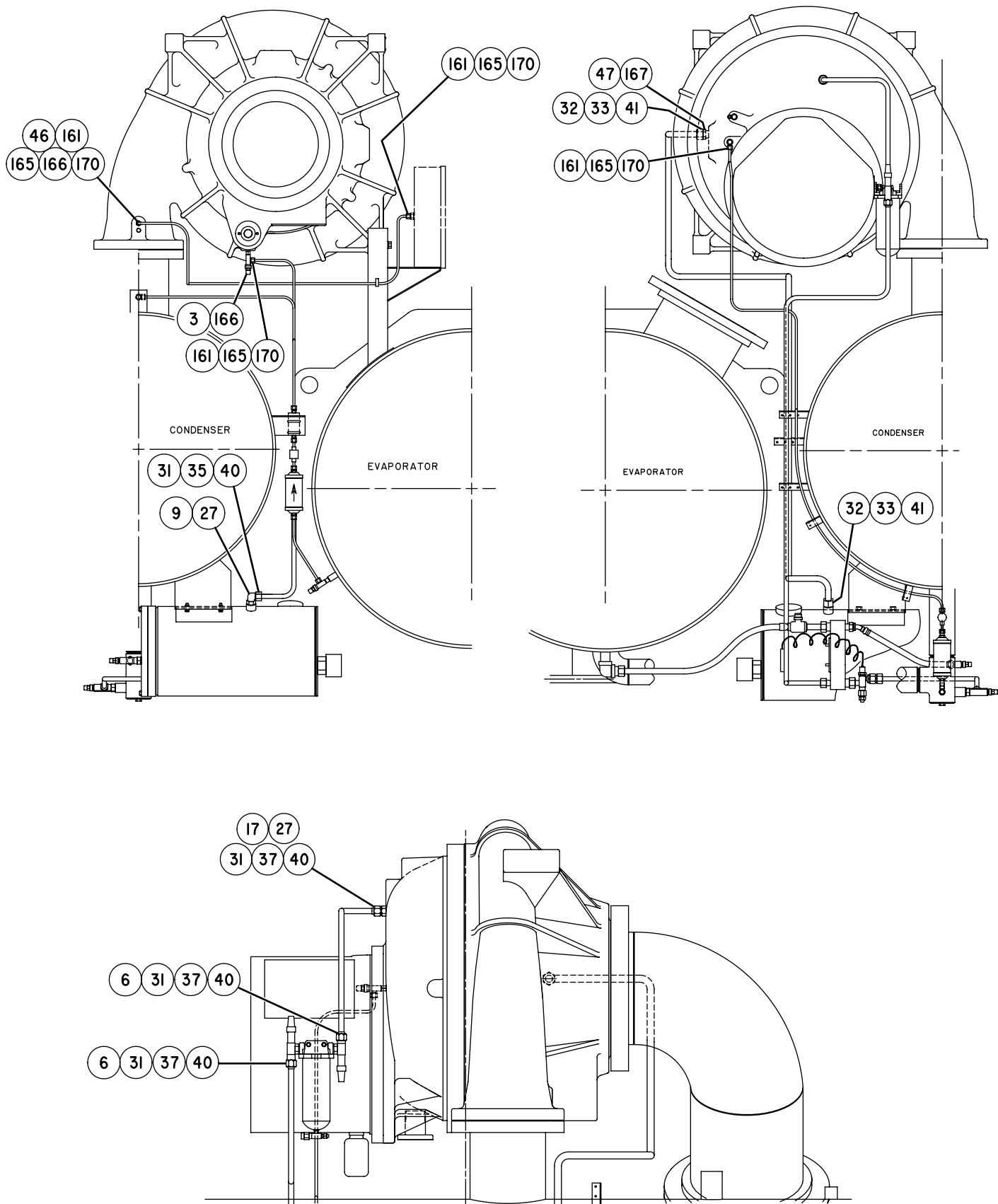


FIG. 27 - COMPRESSOR PIPING

LD08940

GEAR CODES (K1 / K2)

K1 / K2	
SPEED CODE	PART # (029 14400 XXX)
FA	301
FB	302
FC	303
FD	304
FE	305
FF	306
FG	307
FH	308
FJ	309
FK	310
FL	311
FM	312
FN	313
FP	314
FQ	315
FR	316
FS	317
FT	318
FU	319
FV	320
FW	321
TA	800
TB	801
TC	802

K1 / K2 (CON'T)	
SPEED CODE	PART # (029 14400 XXX)
TD	803
TE	804
TF	805
TG	806
TH	807
TJ	808
TK	809
TL	810
TM	811
TN	812
TP	813
TQ	814
TR	815
TS	816
TT	817
TU	818
TV	819
TW	820
TX	821
TY	822
TZ	823
AD	824
AE	825
AF	826

GEAR CODES (K3 / K4)

K3 / K4	
SPEED CODE	PART # (029 14400 XXX)
PC	379
PD	380
PE	381
PF	382
PG	383
PH	384
PJ	385
PK	386
PL	387
PM	388
PN	389
PP	390
PQ	391
PR	392
PS	393
PT	394
PU	395
PV	396
PW	397
PX	398
PY	399
PZ	400
EA	401

K3 / K4 (CON'T)	
SPEED CODE	PART # (029 14400 XXX)
EB	402
EC	403
ED	404
EE	405
EF	406
EG	407
EH	408
EJ	409
EK	410
EL	411
EM	412
EN	413
EP	414
EQ	415
ER	416
ES	417
ET	418
EU	419
EV	420
EW	421
EX	422
EY	423

NOTES

