



CENTRIFUGAL COMPRESSORS

RENEWAL PARTS

Supersedes 160.49-RP5 (1101)

Form 160.49-RP5 (402)

MODELS (See Tables Below)

COMPRESSOR MODEL	COMPRESSOR CODE
YDHD-46	H4
YDHD/HE-50N	H5
YDHD/HE-50W	H5
YDHD/HE-57	H6
YDHD/HE-59	H7
YDHD/HE-61	H8
YDHF-39	P1
YDHF-40	P2
YDHF-42	P3
YDHF-44	P4
YDHF-41	P5
YDHF-46	P6
YDHF-52	P7

COMPRESSOR TOOL KIT (364-49275) MODELS HD46 - HD61 AND HE46 - HE61

ITEM	DESCRIPTION	QTY	PART NO.
1	GEAR LOCKING TOOL	1	364-48023-000
2	SCREW CAP HEX 1/2"	2	021-14249-000
3	WASHER PLAIN 17/32" ID	14	021-01276-000
4	NUT HEX HEAVY 1/2" - 13	2	021-02860-000
5	GUIDE PIN 10" - 24 UNC	2	064-46488-000
6	BOLT EYE 5/16" - 18	2	021-12420-000
7	HEX NUT, 1/4"	4	021-00451-000
8	GUIDE PIN 1/4" - 20 UNC	2	064-46499-000
9	HOOK TOOL	2	064-46610-000
10	GUIDE PIN 3/8" - 16	2	064-18716-000
11	STUD	1	064-14500-000
12	HEX NUT, HEAVY 1/2" - 20	1	021-00483-000
13	EYE BOLT, 7/8"	1	021-07703-000
14	WASHER, PLAIN	2	021-05158-000
15	EYE BOLT, 3/8"	3	021-13498-000
16	WASHER, PLAIN	39	021-05167-000

COMPRESSOR TOOL KIT (364K50048-000) MODELS HF39 - HF44

ITEM	DESCRIPTION	QTY	PART NO.
1	GEAR LOCKING TOOL	1	364-50212-000
2	SCREW CAP HEX .375" - 16	2	021-01511-000
3	WASHER PLAIN .375"	14	021-01262-000
4	HEX NUT .375" - 16	2	021-00467-000
5	GUIDE PIN #10 - 24	2	064-46488-000
6	EYE BOLT .3125" - 18	2	021-12420-000
7	WASHER PLAIN .3125"	16	021-05166-000
8	GUIDE PIN .250" - 20	2	064-46499-000
9	HOOK TOOL	2	064-46610-000
10	GUIDE PIN .375" - 16	2	064-18716-000
11	STUD SPL .500" - 20	1	064-14500-000
12	HEX NUT .500" - 20	1	021-00483-000
13	EYE BOLT .875"	1	021-07703-000
14	WASHER PLAIN .875"	2	021-05158-000
15	EYE BOLT .375" - 16	3	021-13498-000
16	WASHER PLAIN .375"	39	021-05167-000
17	SPACER	1	064-50213-000
18	SCREW CAP HEX .625" - 16	1	021-08389-000
19	TOOL SPACER	1	364-50210-000
20	PULLER TOOL	1	064-50211-000
21	SCREW CAP HEX .500" - 20	1	021-10832-000
22	SCREW CAP HEX .500" - 20	1	021-14162-000

HD MODELS – COMPRESSOR PARTS

ITEM NO.	DESCRIPTION	HD46		HD50		HD57		HD59		HD61	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	SCREW CAP HEX SOC HD #8	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000
2	PLUG HEX HEAD 1 5/16"	2	023-18282-000	2	023-18282-000	2	023-18282-000	2	023-18282-000	2	023-18282-000
3	ROTOR SUPPORT	1	364-49150-000	1	364-49150-000	1	364-49150-000	1	364-49150-000	1	364-49150-000
4	MOTOR ACTUATOR	1	025-17175-000	1	025-17175-000	1	025-17175-000	1	025-17175-000	1	025-17175-000
6	VRIS METAL OXIDE	2	366-87030-000	2	366-87030-000	2	366-87030-000	2	366-87030-000	2	366-87030-000
7	SCREW CAP HEX 1/4" - 20 UNC	3	021-01379-000	3	021-01379-000	3	021-01379-000	3	021-01379-000	3	021-01379-000
*8	BEARING H.S. – REAR	1	064-49164-000	1	064-49164-000	1	064-49164-000	1	064-49164-000	1	064-49164-000
*9	BEARING L.S. – REAR	1	064-49162-000	1	064-49162-000	1	064-49162-000	1	064-49162-000	1	064-49162-000
*10	BEARING L.S. – FRONT	1	064-49161-000	1	064-49161-000	1	064-49161-000	1	064-49161-000	1	064-49161-000
*11	BEARING H.S. – FWD. THRUST	1	029-22451-000	1	029-22451-000	1	029-22451-000	1	029-22451-000	1	029-22451-000
*13	COLLAR H.S. – THRUST	1	064-50392-000	1	064-50392-000	1	064-50392-000	1	064-50392-000	1	064-50392-000
*14	COLLAR L.S. – THRUST	1	064-49158-000	1	064-49158-000	1	064-49158-000	1	064-49158-000	1	064-49158-000
15	COLLAR IMPELLER CLAMPING	1	064-48123-000	1	064-48123-000	1	064-48123-000	1	064-48123-000	1	064-48123-000
16	SEAL DOUBLE SHAFT	1	029-22454-000	1	029-22454-000	1	029-22454-000	1	029-22454-000	1	029-22454-000
17	BEARING H.S. – REV. THRUST	1	029-22452-000	1	029-22452-000	1	029-22452-000	1	029-22452-000	1	029-22452-000
†18	SEAL O-RING 7" I.D. X 7-1/4" O.D.	1	028-12550-000	1	028-12550-000	1	028-12550-000	1	028-12550-000	1	028-12550-000
20	COVER PRV SHAFT CONTROL	1	064-48861-000	1	064-48861-000	1	064-48861-000	1	064-48861-000	1	064-48861-000
21	SHAFT CONTROL PRV	1	364-29573-000	1	364-29573-000	1	364-29573-000	1	364-29573-000	1	364-29573-000
23	SCREW CAP HEX 3/8" - 16 UNC	2	021-18901-000	2	021-18901-000	2	021-18901-000	2	021-18901-000	2	021-18901-000
25	VALVE STOP ANGLE VERTICAL	1	022-09577-000	1	022-09577-000	1	022-09577-000	1	022-09577-000	1	022-09577-000
26	TRANSDUCER PRESSURE	1	025-28678-006	1	025-28678-006	1	025-28678-006	1	025-28678-006	1	025-28678-006
27	ORIFICE H.S. OIL FEED	1	064-49203-000	1	064-49203-000	1	064-49203-000	1	064-49203-000	1	064-49203-000
28	WASHER SPECIAL PRV	1	064-48503-000	1	064-48503-000	1	064-48503-000	1	064-48503-000	1	064-48503-000
29	WASHER PLAIN 9/32" I.D. X 5/8 O.D.	4	021-05165-000	4	021-05165-000	4	021-05165-000	4	021-05165-000	4	021-05165-000
33	LEVER PRV INTERNAL	1	064-47482-006	1	064-47482-006	1	064-47482-006	1	064-47482-006	1	064-47482-006
34	LEVER PRV EXTERNAL	1	064-49151-000	1	064-49151-000	1	064-49151-000	1	064-49151-000	1	064-49151-000
35	PRV MOTOR ARM	1	064-49152-000	1	064-49152-000	1	064-49152-000	1	064-49152-000	1	064-49152-000
36	WASHER SPRING EYE SEAL	1	064-50350-000	1	064-50350-000	1	064-50357-000	1	064-50357-000	1	064-50357-000
37	ROD ADJUSTABLE	1	064-49719-000	1	064-49719-000	1	064-49719-000	1	064-49719-000	1	064-49719-000
38	LINKAGE EXTERNAL PRV	1	064-47581-000	1	064-47581-000	1	064-47581-000	1	064-47581-000	1	064-47581-000
39	BRACKER SUPPORT LWER PRV	1	064-48851-000	1	064-48851-000	1	064-48851-000	1	064-48851-000	1	064-48851-000
40	RETAINER BEARING	2	064-46886-000	2	064-46886-000	2	064-46886-000	2	064-46886-000	2	064-46886-000
41	ELBOW FLARE HYDRAULIC 3/8" O.D.	1	023-18920-000	1	023-18920-000	1	023-18920-000	1	023-18920-000	1	023-18920-000
42	CONNECTOR 3/8" TUBE	4	023-12229-000	4	023-12229-000	4	023-12229-000	4	023-12229-000	4	023-12229-000
43	ELBOW FLARE 1/4"	1	023-09677-000	1	023-09677-000	1	023-09677-000	1	023-09677-000	1	023-09677-000
44	SEAL O-RING	2	028-13832-000	2	028-13832-000	2	028-13832-000	2	028-13832-000	2	028-13832-000
45	SENSOR TEMP. 50K OHMS	1	025-33288-000	1	025-33288-000	1	025-33288-000	1	025-33288-000	1	025-33288-000
46	IMPELLER	1	064-48061-001	1	064-47911-001	1	064-49054-001	1	064-49450-001	1	064-48344-001
48	LINKAGE EXTERNAL PRV	1	064-28237-000	1	064-28237-000	1	064-28237-000	1	064-28237-000	1	064-28237-000
50	BOLT SHOULDER SPL 1/4" - 20	1	064-28282-000	1	064-28282-000	1	064-28282-000	1	064-28282-000	1	064-28282-000
51	PLUG PIPE 1/4" HEX	2	023-01973-000	2	023-01973-000	2	023-01973-000	2	023-01973-000	2	023-01973-000
54	BOLT SHOULDER SPL 1/4" - 20 X 1"	1	064-28262-000	1	064-28262-000	1	064-28262-000	1	064-28262-000	1	064-28262-000
55	PRV FILL PIECE	1	064-12328-000	1	064-12328-000	1	064-12328-000	1	064-12328-000	1	064-12328-000
56	BRG ROD END	2	029-08343-000	2	029-08343-000	2	029-08343-000	2	029-08343-000	2	029-08343-000
57	CAP SCREW 12 PT HEAD 1/2"	1	021-11998-000	1	021-11998-000	1	021-11998-000	1	021-11998-000	1	021-11998-000
58	CAP SCREW 12 PT HEAD 1/2"	3	021-11515-000	3	021-11515-000	3	021-11515-000	3	021-11515-000	3	021-11515-000
59	CAP SCREW 12 PT HEAD 3/8"	1	021-17618-000	1	021-17618-000	1	021-17618-000	1	021-17618-000	1	021-17618-000

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

ITEM NO.	DESCRIPTION	HD46		HD50		HD57		HD59		HD61	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
60	FILLPIECE	1	064-47518-000	1	064-47518-000	1	064-47518-000	1	064-47518-000	1	064-47518-000
61	SCREW CAP HEX SOCKET 1/4"	5	021-01377-000	5	021-01377-000	5	021-01377-000	5	021-01377-000	5	021-01377-000
62	CAP SCREW 12 PT HEAD 3/8"	1	021-11720-000	1	021-11720-000	1	021-11720-000	1	021-11720-000	1	021-11720-000
63	PROXIMITY PROBE	Refer to Forms 160.49-RP3 & 160.54-RP1									
*65	BEARING HIGH SPEED FRONT	1	064-49163-000	1	064-49163-000	1	064-49163-000	1	064-49163-000	1	064-49163-000
66	CAP SCREW 12 PT HEAD 1/2"	32	021-11937-000	32	021-11937-000	32	021-11937-000	32	021-11937-000	32	021-11937-000
67	SLOTTED PIN	1	029-04138-000	1	029-04138-000	1	029-04138-000	1	029-04138-000	1	029-04138-000
†69	SEAL O-RING	1	028-13847-000	1	028-13847-000	1	028-13847-000	1	028-13847-000	1	028-13847-000
†70	SEAL O-RING	1	028-12205-000	1	028-12205-000	1	028-12205-000	1	028-12205-000	1	028-12205-000
71	SCREW CAP HEX SOCKET HD 1/4"	36	021-18994-000	36	021-18994-000	36	021-18994-000	36	021-18994-000	36	021-18994-000
†72	SEAL O-RING 18"	1	028-12257-000	1	028-12257-000	1	028-12257-000	1	028-12257-000	1	028-12257-000
73	RING	1	064-40009-000	1	064-40009-000	1	064-40009-000	1	064-40009-000	1	064-40009-000
74	SET SCREW HEX SOCKET CUP	1	021-03910-000	1	021-03910-000	1	021-03910-000	1	021-03910-000	1	021-03910-000
†75	SEAL O-RING	1	028-13846-000	1	028-13846-000	1	028-13846-000	1	028-13846-000	1	028-13846-000
76	HELICAL SPRING	32	029-10757-000	32	029-10757-000	32	029-10757-000	32	029-10757-000	32	029-10757-000
77	CAP SCREW 12 POINT HEAD	12	021-18788-000	12	021-18788-000	12	021-18788-000	12	021-18788-000	12	021-18788-000
79	LOCKWASHER 1/4"	2	021-05267-000	2	021-05267-000	2	021-05267-000	2	021-05267-000	2	021-05267-000
80	HEX NUT 3/8"	2	021-00474-000	2	021-00474-000	2	021-00474-000	2	021-00474-000	2	021-00474-000
81	HEX NUT 1/4"	10	021-00450-000	10	021-00450-000	10	021-00450-000	10	021-00450-000	10	021-00450-000
82	DOWEL PIN 3/8"	2	029-18459-000	2	029-18459-000	2	029-18459-000	2	029-18459-000	2	029-18459-000
83	CAP SCREW 1/4"	4	021-01392-000	4	021-01392-000	4	021-01392-000	4	021-01392-000	4	021-01392-000
84	SHOULDER SCREW SOCKET HEAD	6	021-17557-000	6	021-17557-000	6	021-17557-000	6	021-17557-000	6	021-17557-000
85	SET SCREW HEX SOCKET	1	021-00774-000	1	021-00774-000	1	021-00774-000	1	021-00774-000	1	021-00774-000
†86	SEAL O-RING	3	028-12513-000	3	028-12513-000	3	028-12513-000	3	028-12513-000	3	028-12513-000
87	GASKET 2 1/2" O.D. X 2" I.D. X 1/32"	1	064-47751-000	1	064-47751-000	1	064-47751-000	1	064-47751-000	1	064-47751-000
88	HEX HEAD PLUG 7/16"	1	023-18279-000	1	023-18279-000	1	023-18279-000	1	023-18279-000	1	023-18279-000
89	CHECK VALVE 1/8" NPTE	1	022-04444-000	1	022-04444-000	1	022-04444-000	1	022-04444-000	1	022-04444-000
90	CAP SCREW HEX SOCKET 1/4"	6	021-02578-000	6	021-02578-000	6	021-02578-000	6	021-02578-000	6	021-02578-000
91	STOP VALVE	1	022-09578-000	1	022-09578-000	1	022-09578-000	1	022-09578-000	1	022-09578-000
92	SEAL O-RING 5-5/8" I.D. X 5-7/8" O.D.	1	028-12258-000	1	028-12258-000	1	028-12258-000	1	028-12258-000	1	028-12258-000
*93	BEARING LOW SPEED THRUST	1	029-22450-000	1	029-22450-000	1	029-22450-000	1	029-22450-000	1	029-22450-000
94	SEAL O-RING	2	028-12200-000	2	028-12200-000	2	028-12200-000	2	028-12200-000	2	028-12200-000
95	SEAL O-RING	1	028-12201-000	1	028-12201-000	1	028-12201-000	1	028-12201-000	1	028-12201-000
97	NOZZLE BASE PLATE	1	064-49140-000	1	064-49141-000	1	064-49142-000	1	064-49452-000	1	064-49143-000
98	DIFFUSER PLATE	1	064-49071-000	1	064-49072-000	1	064-49073-000	1	064-49451-000	1	064-49074-000
103	BALANCE PISTON RING SEAL	1	064-48210-000	1	064-48210-000	1	064-48355-000	1	064-48355-000	1	064-48355-000
104	BALANCE PISTON WASHER RETAINER	1	064-47906-000	1	064-47906-000	1	064-48357-000	1	064 48357 000	1	064-48357-000
105	PRE-ROTATION DEVICE	1	364-50383-002	1	364-50383-003	1	364-50383-004	1	364-50383-006	1	364-50383-005
106	EYE SEAL RETAINER	1	064-49144-000	1	064-49144-000	1	064-49145-000	1	064-49145-000	1	064-49146-000
107	EYE SEAL RING	1	064-49200-000	1	064-49200-000	1	064-49201-000	1	064-49454-000	1	064-49202
108	SLINGER OIL	1	064-49230-000	1	064-49230-000	1	064-49230-000	1	064-49230-000	1	064-49230-000
109	PLATE SLINGER MTG	1	064-49231-000	1	064-49231-000	1	064-49231-000	1	064-49231-000	1	064-49231-000
110	SLEEVE FLARE HYDRAULIC 3/8" O.D.	2	023-10001-000	2	023-10001-000	2	023-10001-000	2	023-10001-000	2	023-10001-000
111	NUT FLARE HYDRAULIC 3/8" O.D.	2	023-09673-000	2	023-09673-000	2	023-09673-000	2	023-09673-000	2	023-09673-000
112	SEAL O-RING 1-3/4" I.D.	1	028-05188-000	1	028-05188-000	1	028-05188-000	1	028-05188-000	1	028-05188-000
113	SCREW CAP 12 PT	3	021-11972-000	3	021-11972-000	3	021-11940-000	3	021-11940-000	3	021-11940-000
114	SEAL O-RING 5-3/4" X 5-15/16"	1	028-13870-000	1	028-13870-000	1	028-13870-000	1	028-13870-000	1	028-13870-000
116	SET SCREW HEX SOCKET CUP	1	021-00700-000	1	021-00700-000	1	021-00700-000	1	021-00700-000	1	021-00700-000

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

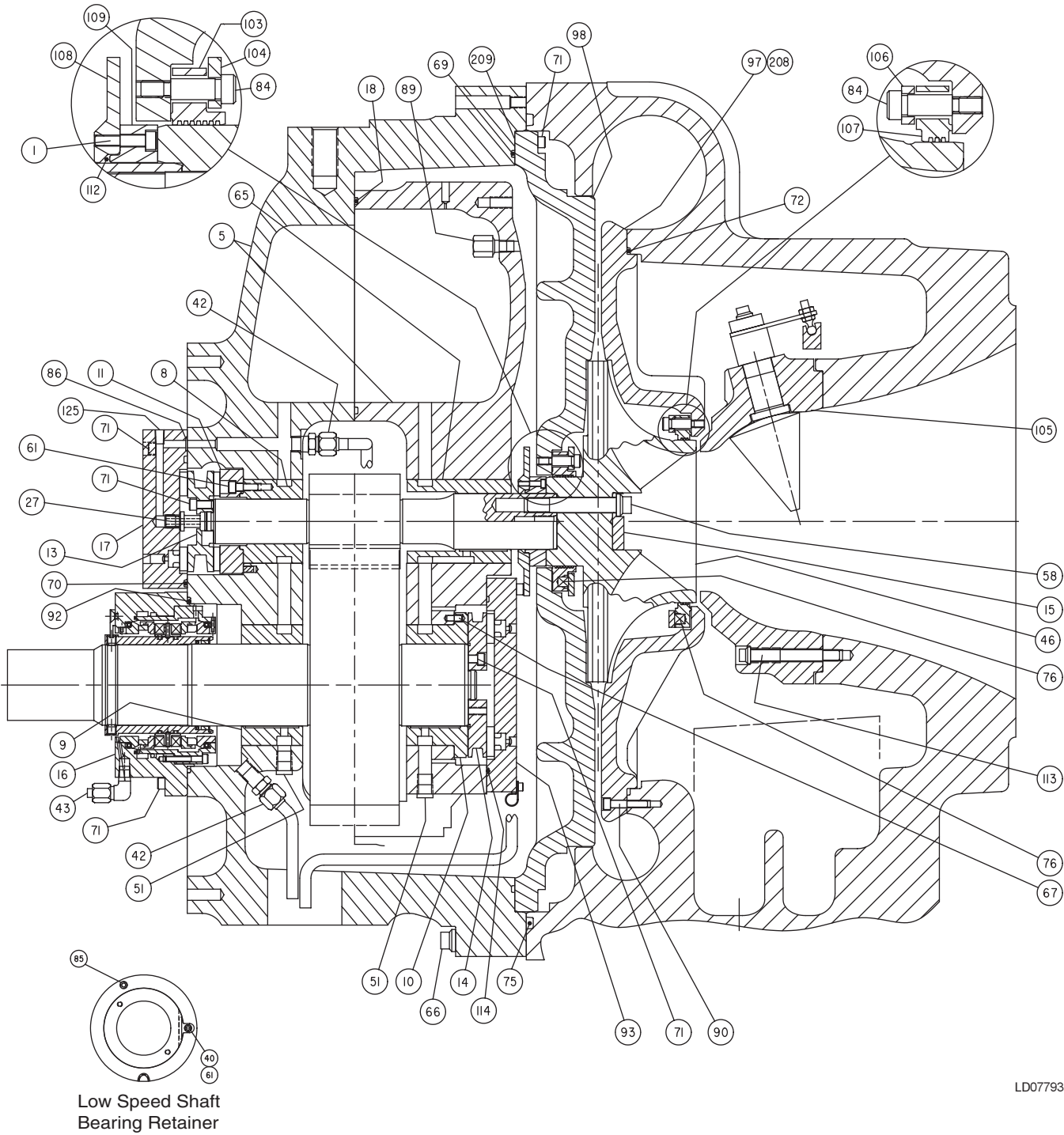
— continued on page 4

HD MODELS – COMPRESSOR PARTS (CONT'D)

ITEM NO.	DESCRIPTION	HD46		HD50		HD57		HD59		HD61	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	SCREW CAP HEX SOC HD #8	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000
117	SEAL O-RING	2	028-12961-008	2	028-12961-008	2	028-12961-008	2	028-12961-008	2	028-12961-008
118	CAP SCREW 12 PT HEAD	2	021-13334-000	2	021-13334-000	2	021-13334-000	2	021-13334-000	2	021-13334-000
119	CAP SCREW HEX SOCKET #8	1	021-19153-000	1	021-19153-000	1	021-19153-000	1	021-19153-000	1	021-19153-000
120	TUBE CLAMP 3/8"	1	023-05284-000	1	023-05284-000	1	023-05284-000	1	023-05284-000	1	023-05284-000
121	ELBOW FLARE 3/8" O.D.	1	023-18989-000	1	023-18989-000	1	023-18989-000	1	023-18989-000	1	023-18989-000
122	SEAL O-RING	1	028-12961-004	1	028-12961-004	1	028-12961-004	1	028-12961-004	1	028-12961-004
123	PLUG HEX HEAD	1	023-20217-000	1	023-20217-000	1	023-20217-000	1	023-20217-000	1	023-20217-000
125	PIPE PLUG	3	023-05366-000	3	023-05366-000	3	023-05366-000	3	023-05366-000	3	023-05366-000
128	SEAL O-RING	1	028-12209-000	1	028-12209-000	1	028-12209-000	1	028-12209-000	1	028-12209-000
203	SEAL O-RING	4	028-11195-000	4	028-11195-000	4	028-11195-000	4	028-11195-000	4	028-11195-000
208	GASKET NOZ BASE (50N ONLY)			1	064-48066-000						
209	GASKET DIFFUSER (50N ONLY)			1	064-49207-000						

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

HD 46, 50, 57, 59, 61



LD07793

FIG. 1 –

HD 46 – 61

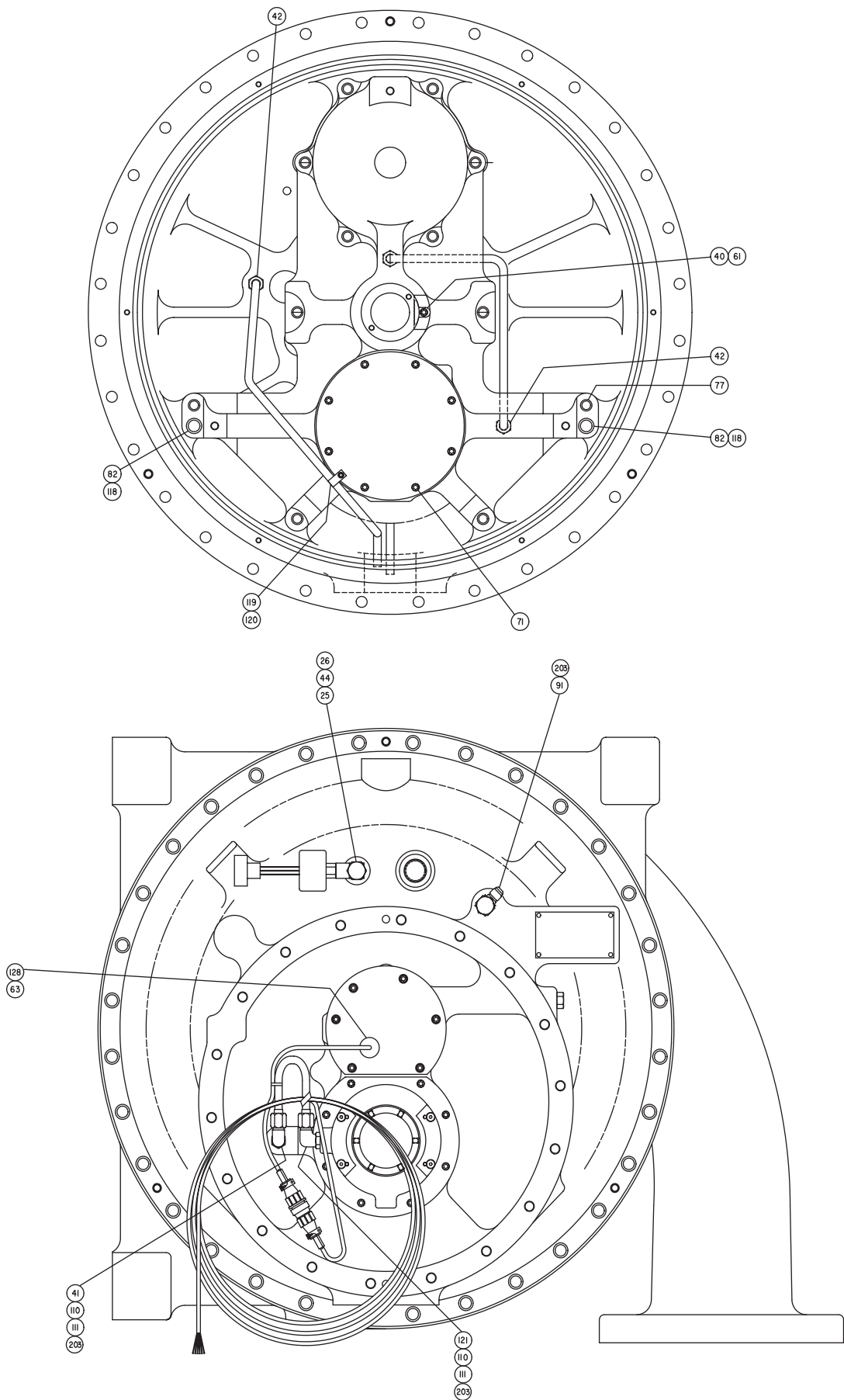


FIG. 2 –

LD07794

HD 46 – 61

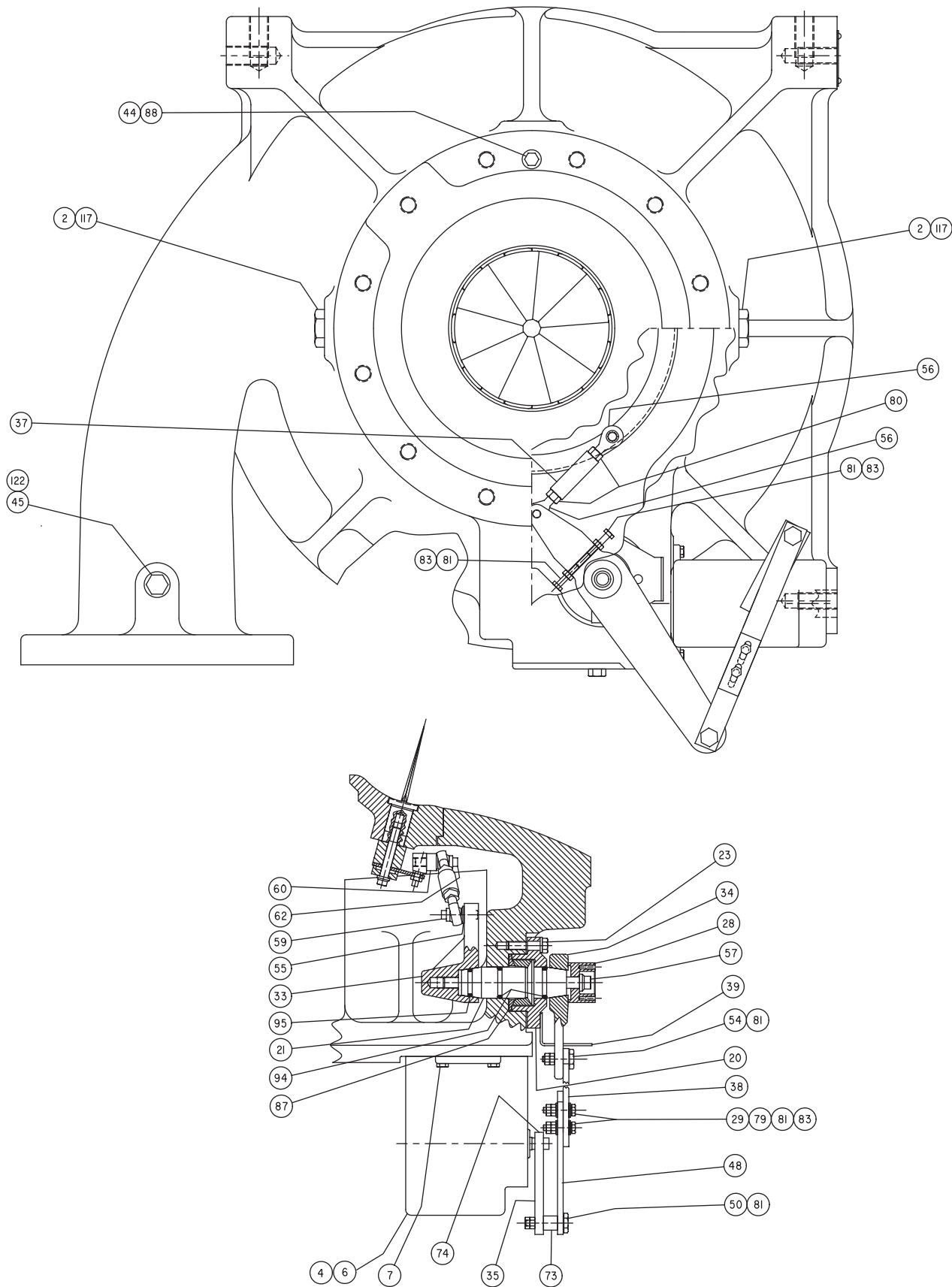


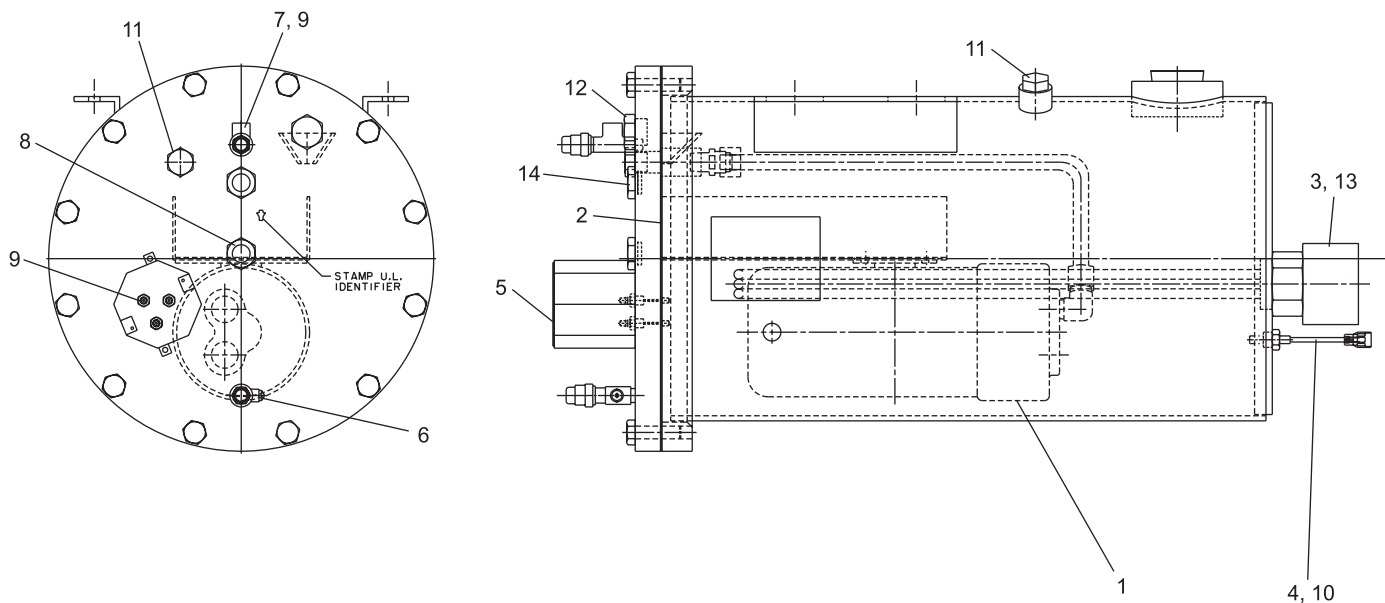
FIG. 3 –

YORK INTERNATIONAL

LD07795

HD OIL SUMP

ITEM NO.	DESCRIPTION	QTY	PART NO.
1	OIL PUMP WITH MOTOR	1	026-31688-000
2	GASKET, OIL RESERVOIR	1	028-13577-000
3	HEATER		
	200, 208, 220, 230, 240-3-60	1	025-32909-000
	220-3-50	1	025-32909-000
	550, 575, 600-3-60	1	025-32920-000
	416, 440, 460, 480-3-60	1	025-32918-000
	440-3-50	1	025-32918-000
	380-3-60	1	025-32917-000
	346, 380, 400, 415-3-60	1	025-32917-000
4	SENSOR, TEMPERATURE	1	025-33288-000
5	COVER, FILTER OUTPUT	1	375-26580-000
6	VALVE, STOP	1	022-01582-000
7	VALVE, STOP-VERTICAL	1	022-09577-000
8	SIGHT GLASS	1	026-35029-000
9	SEAL, O-RING	4	028-12961-001
10	SEAL, O-RING	1	028-12961-004
11	SEAL, O-RING	2	028-12961-006
12	SEAL, O-RING	1	028-12961-008
13	SEAL, O-RING	1	028-12961-010
14	SEAL, O-RING	2	028-12961-018



LD04249

FIG. 4 – HD OIL SUMP

HE MODELS – COMPRESSOR PARTS

ITEM NO.	DESCRIPTION	HE46		HE50		HE52		HE57		HE59		HE61	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	SCREW CAP HEX SOC HD #8	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000	3	021-18993-000
2	PLUG HEX HEAD 1-5/16"	2	023-18282-000	2	023-18282-000	2	023-18282-000	2	023-18282-000	2	023-18282-000	2	023-18282-000
3	ROTOR SUPPORT W/BRG HOUSING	1	364-49150-000	1	364-49150-000	1	364-49150-000	1	364-49150-000	1	364-49150-000	1	364-49150-000
4	MOTOR ACTUATOR	1	025-17175-000	1	025-17175-000	1	025-17175-000	1	025-17175-000	1	025-17175-000	1	025-17175-000
6	VRIS METAL OXIDE	2	366-87030-000	2	366-87030-000	2	366-87030-000	2	366-87030-000	2	366-87030-000	2	366-87030-000
7	SCREW CAP HEX 1/4" - 20 UNC	3	021-01379-000	3	021-01379-000	3	021-01379-000	3	021-01379-000	3	021-01379-000	3	021-01379-000
*8	BEARING H.S. – REAR	1	064-49164-000	1	064-49164-000	1	064-49164-000	1	064-49164-000	1	064-49164-000	1	064-49164-000
*9	BEARING L.S. – REAR	1	064-49162-000	1	064-49162-000	1	064-49162-000	1	064-49162-000	1	064-49162-000	1	064-49162-000
*10	BEARING L.S. – FRONT	1	064-49161-000	1	064-49161-000	1	064-49161-000	1	064-49161-000	1	064-49161-000	1	064-49161-000
*11	BEARING H.S. – FORWARD THRUST	1	029-22451-000	1	029-22451-000	1	029-22451-000	1	029-22451-000	1	029-22451-000	1	029-22451-000
*13	COLLAR H.S. – THRUST	1	064-50392-000	1	064-50392-000	1	064-50392-000	1	064-50392-000	1	064-50392-000	1	064-50392-000
*14	COLLAR L.S. – THRUST	1	064-49158-000	1	064-49158-000	1	064-49158-000	1	064-49158-000	1	064-49158-000	1	064-49158-000
15	COLLAR IMPELLER CLAMPING	1	064-48123-000	1	064-48123-000	1	064-48123-000	1	064-48123-000	1	064-48123-000	1	064-48123-000
16	SEAL DOUBLE SHAFT	1	029-22454-000	1	029-22454-000	1	029-22454-000	1	029-22454-000	1	029-22454-000	1	029-22454-000
17	BEARING H.S. – REVERSE THRUST	1	029-22452-000	1	029-22452-000	1	029-22452-000	1	029-22452-000	1	029-22452-000	1	029-22452-000
†18	SEAL O-RING 7" I.D. X 7-1/4" O.D.	1	028-12550-000	1	028-12550-000	1	028-12550-000	1	028-12550-000	1	028-12550-000	1	028-12550-000
20	COVER PRV SHAFT CONTROL	1	064-48861-000	1	064-48861-000	1	064-48861-000	1	064-48861-000	1	064-48861-000	1	064-48861-000
21	SHAFT CONTROL PRV	1	364-29573-000	1	364-29573-000	1	364-29573-000	1	364-29573-000	1	364-29573-000	1	364-29573-000
23	SCREW CAP HEX 3/8" - 16 UNC	2	021-18901-000	2	021-18901-000	2	021-18901-000	2	021-18901-000	2	021-18901-000	2	021-18901-000
25	VALVE STOP ANGLE VERTICAL	1	022-09577-000	1	022-09577-000	1	022-09577-000	1	022-09577-000	1	022-09577-000	1	022-09577-000
26	TRANSDUCER PRESSURE	1	025-28678-006	1	025-28678-006	1	025-28678-006	1	025-28678-006	1	025-28678-006	1	025-28678-006
27	ORIFICE H.S. OIL FEED	1	064-49203-000	1	064-49203-000	1	064-49203-000	1	064-49203-000	1	064-49203-000	1	064-49203-000
28	WASHER SPECIAL PRV	1	064-48503-000	1	064-48503-000	1	064-48503-000	1	064-48503-000	1	064-48503-000	1	064-48503-000
29	WASHER PLAIN 9/32" I.D. X 5/8" O.D.	4	021-05165-000	4	021-05165-000	4	021-05165-000	4	021-05165-000	4	021-05165-000	4	021-05165-000
33	LEVER PRV INTERNAL	1	064-47482-006	1	064-47482-006	1	064-47482-006	1	064-47482-006	1	064-47482-006	1	064-47482-006
34	LEVER PRV EXTERNAL	1	064-49151-000	1	064-49151-000	1	064-49151-000	1	064-49151-000	1	064-49151-000	1	064-49151-000
35	PRV MOTOR ARM	1	064-49152-000	1	064-49152-000	1	064-49152-000	1	064-49152-000	1	064-49152-000	1	064-49152-000
36	WASHER SPRING EYE SEAL	1	064-50350-000	1	064-50350-000	1	064-50388-000	1	064-50357-000	1	064-50357-000	1	064-50357-000
37	ROD ADJUSTABLE	1	064-49719-000	1	064-49719-000	1	064-49719-000	1	064-49719-000	1	064-49719-000	1	064-49719-000
38	LINKAGE EXTERNAL PRV	1	064-47581-000	1	064-47581-000	1	064-47581-000	1	064-47581-000	1	064-47581-000	1	064-47581-000
39	BRACKER SUPPORT LOWER PRV	1	064-48851-000	1	064-48851-000	1	064-48851-000	1	064-48851-000	1	064-48851-000	1	064-48851-000
40	RETAINER BEARING	2	064-46886-000	2	064-46886-000	2	064-46886-000	2	064-46886-000	2	064-46886-000	2	064-46886-000
41	ELBOW FLARE HYDRAULIC 3/8" O.D.	1	023-18920-000	1	023-18920-000	1	023-18920-000	1	023-18920-000	1	023-18920-000	1	023-18920-000
42	CONNECTOR 3/8" TUBE	4	023-12229-000	4	023-12229-000	4	023-12229-000	4	023-12229-000	4	023-12229-000	4	023-12229-000
43	ELBOW FLARE 1/4"	1	023-09677-000	1	023-09677-000	1	023-09677-000	1	023-09677-000	1	023-09677-000	1	023-09677-000
44	SEAL O-RING	2	028-13832-000	2	028-13832-000	2	028-13832-000	2	028-13832-000	2	028-13832-000	2	028-13832-000

* Included in Bearing Kit

† Included in O-Ring Kit

HE MODELS – COMPRESSOR PARTS (CONT'D)

ITEM NO.	DESCRIPTION	HE46		HE50		HE52		HE57		HE59		HE61	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
45	SENSOR TEMPERATURE 50K OHMS	1	025-33288-000	1	025-33288-000	1	025-33288-000	1	025-33288-000	1	025-33288-000	1	025-33288-000
46	IMPELLER	1	064-48061-001	1	064-47911-001	1	064-50307-000	1	064-49054-001	1	064-49450-001	1	064-48344-001
48	LINKAGE EXTERNAL PRV	1	064-28237-000	1	064-28237-000	1	064-28237-000	1	064-28237-000	1	064-28237-000	1	064-28237-000
50	BOLT SHOULDER SPL 1/4"-20	1	064-28282-000	1	064-28282-000	1	064-28282-000	1	064-28282-000	1	064-28282-000	1	064-28282-000
51	PLUG PIPE 1/4" HEX	2	023-01973-000	2	023-01973-000	2	023-01973-000	2	023-01973-000	2	023-01973-000	2	023-01973-000
54	BOLT SHOULDER SPL 1/4" - 20 X 1"	1	064-28262-000	1	064-28262-000	1	064-28262-000	1	064-28262-000	1	064-28262-000	1	064-28262-000
55	PRV FILL PIECE	1	064-12328-000	1	064-12328-000	1	064-12328-000	1	064-12328-000	1	064-12328-000	1	064-12328-000
56	BRG ROD END	2	029-08343-000	2	029-08343-000	2	029-08343-000	2	029-08343-000	2	029-08343-000	2	029-08343-000
57	CAP SCREW 12 PT HD. 1/2"	1	021-11998-000	1	021-11998-000	1	021-11998-000	1	021-11998-000	1	021-11998-000	1	021-11998-000
58	CAP SCREW 12 PT HD. 1/2"	3	021-11515-000	3	021-11515-000	3	021-11515-000	3	021-11515-000	3	021-11515-000	3	021-11515-000
59	CAP SCREW 12 PT HD. 3/8"	1	021-17618-000	1	021-17618-000	1	021-17618-000	1	021-17618-000	1	021-17618-000	1	021-17618-000
60	FILLPIECE	1	064-47518-000	1	064-47518-000	1	064-47518-000	1	064-47518-000	1	064-47518-000	1	064-47518-000
61	SCREW CAP HEX SOCKET 1/4"	5	021-01377-000	5	021-01377-000	5	021-01377-000	5	021-01377-000	5	021-01377-000	5	021-01377-000
62	CAP SCREW 12 PT HD. 3/8"	1	021-11720-000	1	021-11720-000	1	021-11720-000	1	021-11720-000	1	021-11720-000	1	021-11720-000
63	THRUST PRESSURE SWITCH	1	025-34535-000	1	025-34535-000	1	025-34535-000	1	025-34535-000	1	025-34535-000	1	025-34535-000
*65	BEARING HIGH SPEED FRONT	1	064-49163-000	1	064-49163-000	1	064-49163-000	1	064-49163-000	1	064-49163-000	1	064-49163-000
66	CAP SCREW 12 PT HD. 1/2"	32	021-11937-000	32	021-11937-000	32	021-11937-000	32	021-11937-000	32	021-11937-000	32	021-11937-000
67	SLOTTED PIN	1	029-04138-000	1	029-04138-000	1	029-04138-000	1	029-04138-000	1	029-04138-000	1	029-04138-000
†69	SEAL O-RING	1	028-13847-000	1	028-13847-000	1	028-13847-000	1	028-13847-000	1	028-13847-000	1	028-13847-000
†70	SEAL O-RING	1	028-12205-000	1	028-12205-000	1	028-12205-000	1	028-12205-000	1	028-12205-000	1	028-12205-000
71	SCREW CAP HEX SOCKET HEAD 1/4"	36	021-18994-000	36	021-18994-000	36	021-18994-000	36	021-18994-000	36	021-18994-000	36	021-18994-000
†72	SEAL O-RING 18"	1	028-12257-000	1	028-12257-000	1	028-15063-000	1	028-12257-000	1	028-12257-000	1	028-12257-000
73	RING	1	064-40009-000	1	064-40009-000	1	064-40009-000	1	064-40009-000	1	064-40009-000	1	064-40009-000
74	SET SCREW HEX SOCKET CUP	1	021-03910-000	1	021-03910-000	1	021-03910-000	1	021-03910-000	1	021-03910-000	1	021-03910-000
†75	SEAL O-RING	1	028-13846-000	1	028-13846-000	1	028-13846-000	1	028-13846-000	1	028-13846-000	1	028-13846-000
76	BALANCE PISTON SPRING WASHER	1	064-50188-000	1	064-50188-000	1	064-50188-000	1	064-50191-000	1	064-50191-000	1	064-50191-000
77	CAP SCREW 12 POINT HD.	12	021-18788-000	12	021-18788-000	12	021-18788-000	12	021-18788-000	12	021-18788-000	12	021-18788-000
79	LOCKWASHER 1/4"	2	021-05267-000	2	021-05267-000	2	021-05267-000	2	021-05267-000	2	021-05267-000	2	021-05267-000
80	HEX NUT 3/8"	2	021-00474-000	2	021-00474-000	2	021-00474-000	2	021-00474-000	2	021-00474-000	2	021-00474-000
81	HEX NUT 1/4"	10	021-00450-000	10	021-00450-000	10	021-00450-000	10	021-00450-000	10	021-00450-000	10	021-00450-000
82	DOWEL PIN 3/8"	2	029-18459-000	2	029-18459-000	2	029-18459-000	2	029-18459-000	2	029-18459-000	2	029-18459-000
83	CAP SCREW 1/4"	4	021-01392-000	4	021-01392-000	4	021-01392-000	4	021-01392-000	4	021-01392-000	4	021-01392-000
84	SHOULDER SCREW SOCKET HEAD	6	021-17557-000	6	021-17557-000	6	021-17557-000	6	021-17557-000	6	021-17557-000	6	021-17557-000
85	SET SCREW HEX SOCKET	1	021-00774-000	1	021-00774-000	1	021-00774-000	1	021-00774-000	1	021-00774-000	1	021-00774-000
†86	SEAL O-RING	3	028-12513-000	3	028-12513-000	3	028-12513-000	3	028-12513-000	3	028-12513-000	3	028-12513-000
87	GASKET 2-1/2" O.D. X 2" I.D. X 1/32"	1	064-47751-000	1	064-47751-000	1	064-47751-000	1	064-47751-000	1	064-47751-000	1	064-47751-000
88	HEX HEAD PLUG 7/16"	1	023-18279-000	1	023-18279-000	1	023-18279-000	1	023-18279-000	1	023-18279-000	1	023-18279-000
89	CHECK VALVE 1/8" NPTE	1	022-04444-000	1	022-04444-000	1	022-04444-000	1	022-04444-000	1	022-04444-000	1	022-04444-000

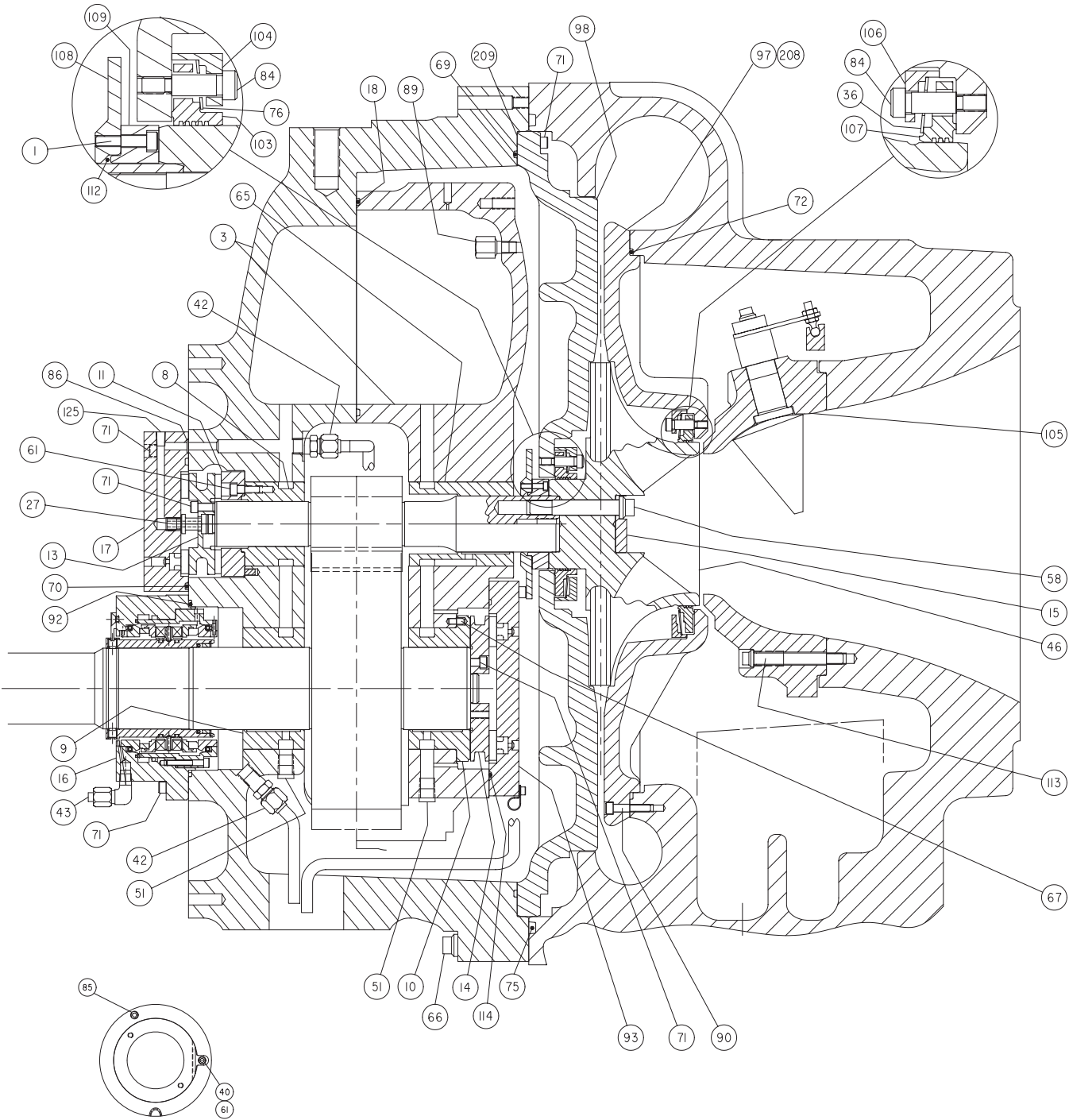
* Included in Bearing Kit † Included in O-Ring Kit

ITEM NO.	DESCRIPTION	HE46		HE50		HE52		HE57		HE59		HE61	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
90	CAP SCREW HEX SOCKET 1/4"	6	021-02578-000	6	021-02578-000	6	021-02578-000	6	021-02578-000	6	021-02578-000	6	021-02578-000
91	STOP VALVE	1	022-09578-000	1	022-09578-000	1	022-09578-000	1	022-09578-000	1	022-09578-000	1	022-09578-000
92	SEAL O-RING 5-5/8" I.D. X 5-7/8" O.D.	1	028-12258-000	1	028-12258-000	1	028-12258-000	1	028-12258-000	1	028-12258-000	1	028-12258-000
*93	BEARING LOW SPEED THRUST	1	029-22450-000	1	029-22450-000	1	029-22450-000	1	029-22450-000	1	029-22450-000	1	029-22450-000
94	SEAL O-RING	2	028-12200-000	2	028-12200-000	2	028-12200-000	2	028-12200-000	2	028-12200-000	2	028-12200-000
95	SEAL O-RING	1	028-12201-000	1	028-12201-000	1	028-12201-000	1	028-12201-000	1	028-12201-000	1	028-12201-000
97	NOZZLE BASE PLATE	1	064-50358-000	1	064-50359-000	1	064-50309-00	1	064-50361	1	064-50362	1	064-50249-000
98	DIFFUSER PLATE	1	064-50192-000	1	064-50193-000	1	064-50308-00	1	064-50197-000	1	064-50363-000	1	064-50198-000
103	BALANCE PISTON RING SEAL	1	064-50187-000	1	064-50187-000	1	064-50187-000	1	064-50189-000	1	064-50189-000	1	064-50189-000
104	BALANCE PISTON WASHER RETAINER	1	064-50186-000	1	064-50186-000	1	064-50186-000	1	064-50190-000	1	064-50190-000	1	064-50190-000
105	PRE-ROTATION DEVICE	1	364-50383-002	1	364-50383-003	1	364-50383-007	1	364-50383-004	1	364-50383-006	1	364-50383-005
106	EYE SEAL WASHER RETAINER	1	064-50349-000	1	064-50349-000	1	064-50387-000	1	064-50356-000	1	064-50356-000	1	064-50356-000
107	EYE SEAL RING	1	064-50348-000	1	064-50348-000	1	064-50368-000	1	064-50351-000	1	064-50354-000	1	064-50355-000
108	SLINGER OIL	1	064-49230-000	1	064-49230-000	1	064-49230-000	1	064-49230-000	1	064-49230-000	1	064-49230-000
109	PLATE SLINGER MTG	1	064-49231-000	1	064-49231-000	1	064-49231-000	1	064-49231-000	1	064-49231-000	1	064-49231-000
110	SLEEVE FLARE HYDRAULIC 3/8" O.D.	2	023-10001-000	2	023-10001-000	2	023-10001-000	2	023-10001-000	2	023-10001-000	2	023-10001-000
111	NUT FLARE HYDRAULIC 3/8" O.D.	2	023-09673-000	2	023-09673-000	2	023-09673-000	2	023-09673-000	2	023-09673-000	2	023-09673-000
112	SEAL O-RING 1-3/4" I.D.	1	028-05188-000	1	028-05188-000	1	028-05188-000	1	028-05188-000	1	028-05188-000	1	028-05188-000
113	SCREW CAP 12 PT	3	021-11972-000	3	021-11972-000	3	021-11972-000	3	021-11940-000	3	021-11940-000	3	021-11940-000
114	SEAL O-RING 5-3/4" X 5-15/16"	1	028-13870-000	1	028-13870-000	1	028-13870-000	1	028-13870-000	1	028-13870-000	1	028-13870-000
116	SET SCREW HEX SOCKET CUP	1	021-00700-000	1	021-00700-000	1	021-00700-000	1	021-00700-000	1	021-00700-000	1	021-00700-000
117	SEAL O-RING	2	028-12961-008	2	028-12961-008	2	028-12961-008	2	028-12961-008	2	028-12961-008	2	028-12961-008
118	CAP SCREW 12 PT HEAD	2	021-13334-000	2	021-13334-000	2	021-13334-000	2	021-13334-000	2	021-13334-000	2	021-13334-000
119	CAP SCREW HEX SOCKET #8	1	021-19153-000	1	021-19153-000	1	021-19153-000	1	021-19153-000	1	021-19153-000	1	021-19153-000
120	TUBE CLAMP 3/8"	1	023-05284-000	1	023-05284-000	1	023-05284-000	1	023-05284-000	1	023-05284-000	1	023-05284-000
121	ELBOW FLARE 3/8" O.D.	1	023-18989-000	1	023-18989-000	1	023-18989-000	1	023-18989-000	1	023-18989-000	1	023-18989-000
122	SEAL O-RING	1	028-12961-004	1	028-12961-004	1	028-12961-004	1	028-12961-004	1	028-12961-004	1	028-12961-004
123	PLUG HEX HEAD	1	023-20217-000	1	023-20217-000	1	023-20217-000	1	023-20217-000	1	023-20217-000	1	023-20217-000
125	PIPE PLUG	3	023-05366-000	3	023-05366-000	3	023-05366-000	3	023-05366-000	3	023-05366-000	3	023-05366-000
128	SEAL O-RING	2	028-12209-000	2	028-12209-000	2	028-12209-000	2	028-12209-000	2	028-12209-000	2	028-12209-000
203	SEAL O-RING	4	028-11195-000	4	028-11195-000	4	028-11195-000	4	028-11195-000	4	028-11195-000	4	028-11195-000
208	GASKET NOZ BASE (50N ONLY)			1	064-48066-000								
209	GASKET DIFFUSER (50N ONLY)			1	064-49207-000								

* Included in Bearing Kit

† Included in O-Ring Kit

HE 46, 50, 52, 57, 59, 61



Low Speed Shaft
Bearing Retainer

LD07796

FIG. 5 –

HE 46, 50, 52, 57, 59, 61

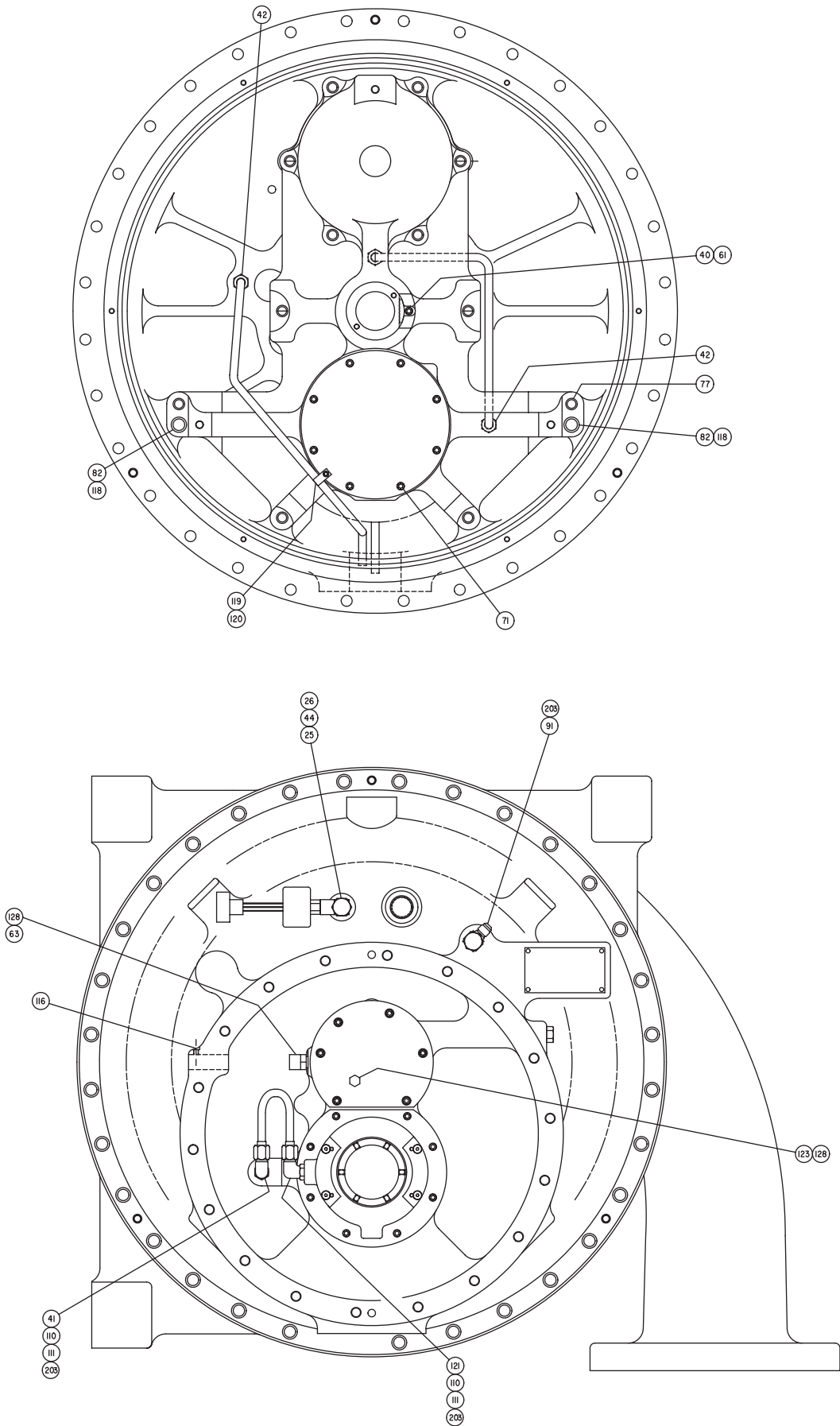


FIG. 6 –

HE 46, 50, 52, 57, 59, 61

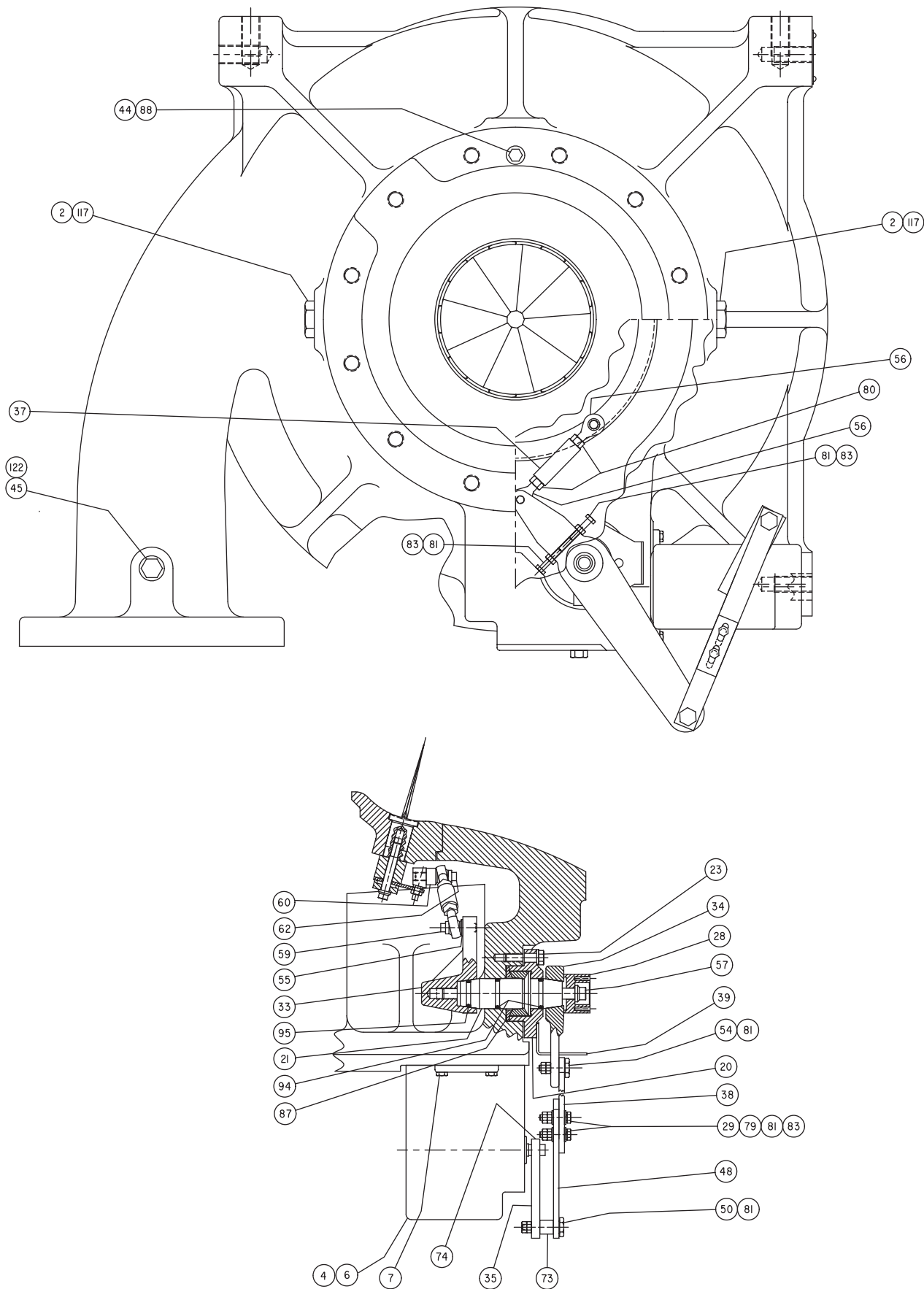
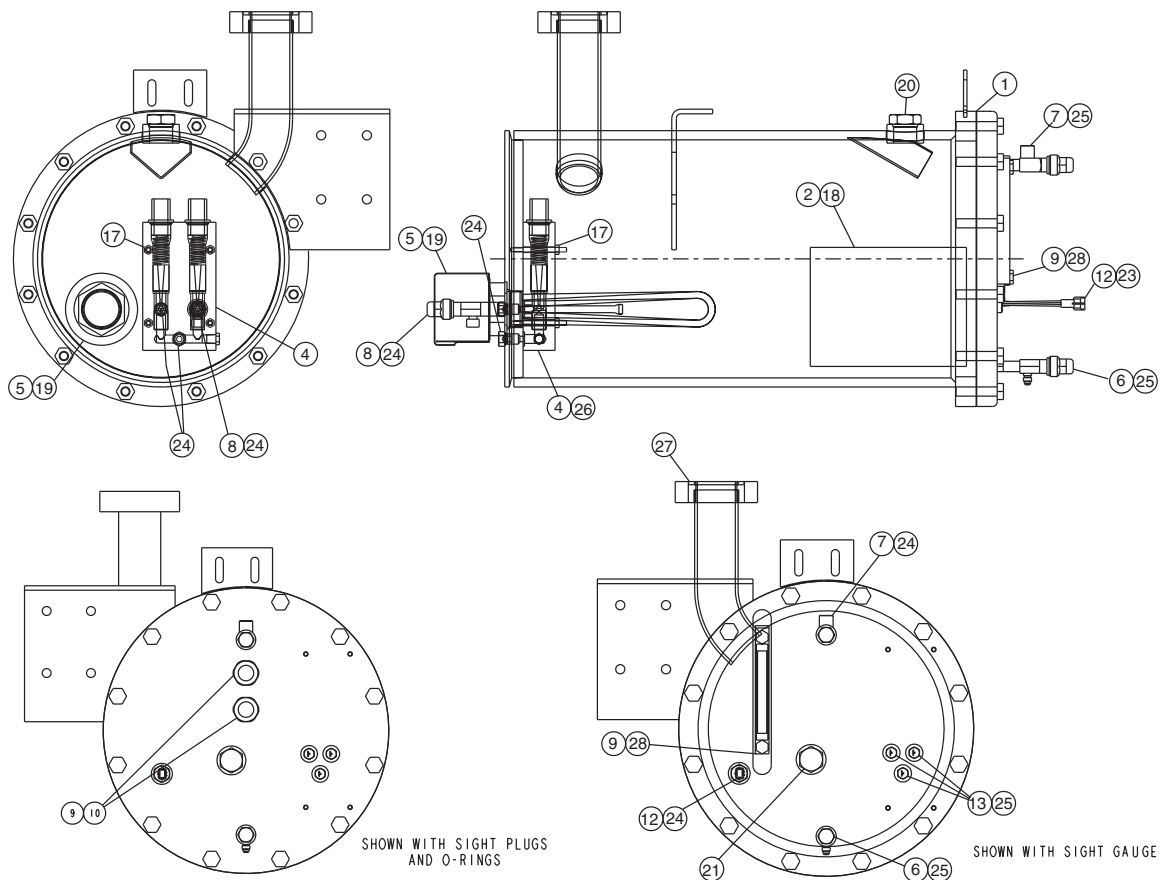


FIG. 7 –

LD07798

HE OIL SUMP

ITEM NO.	DESCRIPTION	QTY	PART NO.
1	SEAL O-RING 13-1/2" I.D. X 14" O.D.	1	028-11977-000
2	PUMP WITH MOTOR	1	026-37937-000
4	BLOCK OIL EDUCTOR	1	026-37553-000
5	HEATER	1	025-32909-000
6	VALVE, STOP	1	022-09578-000
7	VALVE, STOP	1	022-09577-000
8	VALVE, STOP	1	022-10054-000
9	SUMP WITH LIQUID LEVEL SIGHT GAUGE	1	026-37571-000
	SUMP WITH SIGHT PLUGS	2	026-35029-000
10	SEAL O-RING (SIGHT PLUG STYLE SUMP)	2	028-12961-008
12	SENSOR TEMPERATURE	1	025-33288-000
13	TERMINAL HV FUSED GLASS	3	025-32933-000
17	NUT HEX 1/4 - 20	4	021-00450-000
18	SCREW CAP HEX 3/8 - 16	5	021-10037-000
19	SEAL O-RING 1-3/4" I.D. X 1/8"	1	028-05188-000
20	SEAL O-RING 1.171" I.D. X .116"	1	028-12961-008
21	SEAL O-RING .924" I.D. X .116"	1	028-12961-006
23	SEAL O-RING .644" I.D. X .087"	1	028-12961-004
24	SEAL O-RING .468" I.D. X .078"	3	028-12961-003
25	SEAL O-RING .351" I.D. X .072"	5	028-12961-001
26	SEAL O-RING 5/8" I.D. X 3/32"	3	028-11999-000
27	SEAL O-RING 2-5/8" I.D. X 3/16"	1	028-12597-000
28	SEAL O-RING .487" I.D. X .103"	2	028-12961-035

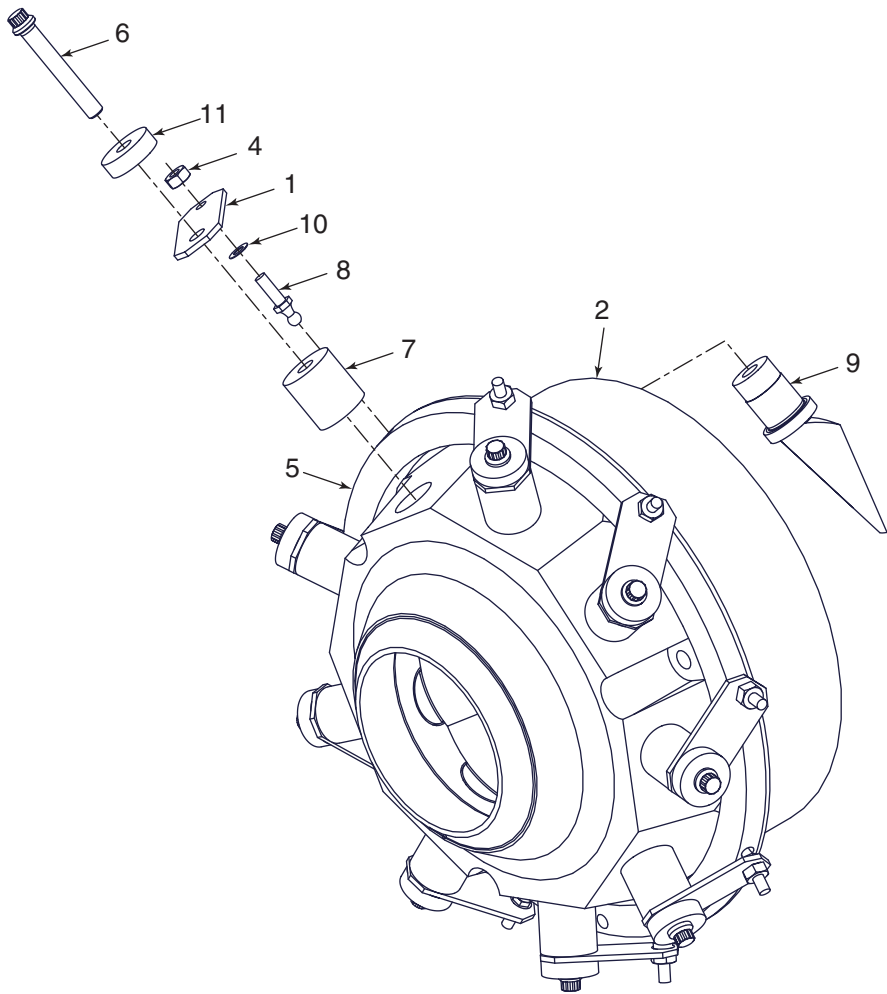

FIG. 8 – HE OIL SUMP

LD07045

DEVICE PRE-ROTATION
MODELS HD/HE 46 THROUGH 61
(REFER TO FIGURE 9, PAGE 17)

ITEM NO.	DESCRIPTION	QTY	PART NO.
	COMPLETE PRV DEVICE		
	46	1	364 50383 002
	50	1	364 50383 003
	52	1	364 50383 007
	57	1	364 50383 004
	59	1	364 50383 006
	61	1	364 50383 005
1	VANE ARM	9	064 47952 000
2	HOUSING PRE-ROTATION VANE		
	46	9	064 50377 000
	50	9	064 50378 000
	52	9	064 50385 000
	57	9	064 50378 000
	59	9	064 50380 000
	61	9	064 50381 000
4	NUT SELF LOCK 1/4" - 28 UNF	9	021 12943 000
5	RING VANE DRIVING	1	064 47926 000
6	SCREW CAP 12 PT HD 3/8"	9	021 11959 000
7	SPACER ARM	9	064 49205 000
8	STUD BALL	9	029 15924 000
9	VANE PRE-ROTATION		
	46	9	029 22449 000
	50	9	029 22449 000
	52	9	029 22449 000
	57	9	029 22448 000
	59	9	029 22448 000
	61	9	029 22448 000
10	WASHER PLAIN	9	021 11973 000
11	WASHER	9	064 09289 000

DEVICE PRE-ROTATION
MODELS HD/HE 46 THROUGH 61



LD07398

FIG. 9 – DEVICE PRE-ROTATION

HF MODELS – COMPRESSOR PARTS**MODELS HF39, 40, 42, 44**

ITEM NO.	DESCRIPTION	QTY	PART NO.	REF. FIG. #
1	LEVER, PRV, MOTOR	1	064-49152-000	14
*2	BRG. H. S. – FORWARD THRUST	1	029-22936-000	9
*3	BRG. H. S. – FRONT	1	064-50065-000	10
*4	BRG. H. S. – REAR	1	064-50064-000	9
5	BRG. H. S. – REVERSE THRUST	1	029-22937-000	9
*6	BRG. L. S. – FRONT	1	064-50085-000	10
*7	BRG. L. S. – THRUST	1	029-22935-000	10
*8	BRG. L. S. – REAR	1	064-50084-000	9
9	BRG. ROD END	2	029-08343-000	16
10	SCREW	1	064-50052-000	10
11	BOLT SHLD SPL 1/4" - 20 X 1	1	064-28262-000	14
12	BOLT SHLD SPL 1/4" - 20 UNC	1	064-28282 000	14
13	BRACKET SUPPORT LOWER PRV	1	064-48851-000	15
14	CAP SEALING	2	028-05004-000	14
15	CLAMP TUBE 3/8" O.D.	1	023-05284-000	10
*16	COLLAR H.S. THRUST	1	064-49636-000	9
17	COLLAR IMPELLER CLAMP	1	029-22987-000	10
*18	COLLAR L.S. THRUST	1	064-49637-000	10
19	PLUG HEX HEAD	1	023-18282-000	13
20	CONNECTOR INSTRM 3/8" TUBE	4	023-12229-000	10, 11
21	COVER PRV SHAFT CONTROL	1	064-48861-000	15
22	DEVICE PRE-ROTATION			
	HF39	1	364-50102-001	
	HF40	1	364-50102-002	
	HF42	1	364-50102-003	
	HF44	1	364-50102-004	16
23	IMPELLER w/BAL. PISTON			
	HF39	1	364-50076-000	
	HF40	1	364-50077-000	
	HF42	1	364-50075-000	
	HF44	1	364-50078-000	10
24	SUPPORT ROTOR w/BRG. HOUSING	1	364-50094-000	9, 10, 11, 12
25	ELBOW FLARE HYDRAULIC 1/4" O.D.	1	023-20242-000	9
26	ELBOW FLARE HYDRAULIC 3/8" O.D.	2	023-18920-000	9
28	FILLPIECE PRE-ROTATION DEVICE			
	HF39, 42	1	064-49721-000	
	HF40, 44	2	064-49721-000	16
29	FILLPIECE PRE-ROTATION DEVICE			
	HF39, 42	1	064-49720-000	
	HF40, 44	–	–	16
30	GASKET 2 1/2" O.D. X 2" I.D. X 1/32"	1	064-47751-000	15
31	LEVER, PRV, EXTERNAL	1	064-49725-000	15
32	LEVER, PRV, INTERNAL	1	064-49715-000	16
33	LINK EXTERNAL PRV	2	064-49716-000	14
34	PRV MOTOR ACTUATOR	1	025-17175-000	14
37	NUT FLARE HYDRAULIC 3/8" O.D.	2	023-09673-000	9
38	NUT HEX 1/4" - 20 UNC-2B	10	021-00450-000	14, 16

* Included in Bearing Kit

† Included in O-Ring Kit

ITEM NO.	DESCRIPTION	QTY	PART NO.	REF. FIG. #
39	NUT HEX 3/8" - 24 UNC-2B	2	021-00474-000	16
40	ORIFICE H.S. OIL FEED	1	064-49650-000	9
41	PIN SLOT SPG 3/16" X 1/2"	1	029-04138-000	10
42	PIN DOWEL TAPPED 3/8" DIA.	2	029-18459-000	11
43	PLATE DIFFUSER			
	HF39	1	064-50067-000	
	HF40	1	064-50068-000	
	HF42	1	064-50066-000	
	HF44	1	064-50069-000	10
44	PLATE NOZZLE BASE			
	HF39	1	064-50090-000	
	HF40	1	064-50091-000	
	HF42	1	064-50089-000	
	HF44	1	064-50092-000	13
45	PLATE PRV SUPPORT			
	HF39, 42	1	064-49700-000	
	HF40, 44	1	064-49701-000	15, 16
46	PLUG HEX HEAD 7/16"	1	023-18279-000	13
47	PLUG HEX HEAD 9/16"	3	023-18962-000	9, 13, 14
48	PLUG PIPE FLUSH TYPE HEX			
	HF39, 42, 44	3	023-05366-000	
	HF40	0		9
49	PLUG PIPE 1/4" HEX SOCKET	2	023-01973-000	11
51	PROBE HF	1	025-34535-000	9
52	PLUG HEX HD	1	023-20217-000	9
53	RETAINER BALANCE PISTON SEAL	1	064-50086-000	10
54	RETAINER BEARING S STAGE TURBO	2	064-46886-000	9, 10
55	RETAINER EYE SEAL			
	HF39	1	064-50080-000	
	HF40	1	064-50081-000	
	HF42	1	064-50079-000	
	HF44	1	064-50082-000	13
56	RING 5/8" X 17/64" I.D. X 5/8"	1	064-40009-000	14
57	RING BALANCE PISTON SEAL HF	1	064-50059-000	10
58	RING EYE SEAL			
	HF39	1	064-50061-000	
	HF40	1	064-50062-000	
	HF42	1	064-50060-000	
	HF44	1	064-50063-000	13
59	ROD ADJUSTABLE	1	064-49719-000	16
60	SCREW CAP HEX 1/4" - 20 UNC	3	021-01379-000	14
61	SCREW CAP HEX 1/4" - 20 UNC	4	021-01392-000	14, 16
62	SCREW CAP HEX 1/4" - 20 UNC	8	021-02578-000	10
63	SCREW CAP 12 PT HD 1/2"	2	021-13334-000	11
64	SCREW CAP 12 PT HD 1/2"	12	021-11597-000	15
65	SCREW CAP 12 PT HD 1/2"	32	021-11926-000	12
66	SCREW CAP 12 PT HD 1/2"	1	021-11998-000	15
67	SCREW CAP 12 PT HD 3/8"	12	021-11974-000	11
68	SCREW CAP 12 PT HD 3/8"	3	021-17052-000	16
69	SCREW CAP 12 PT HD 3/8"			
	HF39, 42	1	021-11956-000	
	HF40, 44	—	—	16
70	SCREW CAP 12 PT HD 3/8"			
	HF40, 44	2	021-30628-000	
	HF39, 42	1	021-30628-000	16
71	SCREW CAP HEX 3/8" - 16 UNC	2	021-18901-000	15
72	SCREW SET HEX SOC CUP PT	1	021-03910-000	14

HF MODELS – COMPRESSOR PARTS**MODELS HF39, 40, 42, 44**

ITEM NO.	DESCRIPTION	QTY	PART NO.	REF. FIG. #
73	SCREW SHOULDER SOC HD	6	021-17557-000	10, 13
75	SCREW CAP HEX SOC HD #8	1	021-19153-000	10
76	SCREW CAP HEX SOC HD 1/4"	12	021-29501-000	11
77	SCREW CAP HEX SOC HD 1/4"	2	021-01377-000	9, 10
78	SCREW CAP HEX SOC HD 1/4"	22	021-29576-000	9, 10, 13
79	SCREW CAP HEX SOC HD 1/4"	10	021-18994-000	9, 10
80	SCREW CAP HEX SOC HD 1/4"	6	021-29575-000	9
81	SCROLL HF			
	HF39	1	064-49642-000	
	HF40, 44	1	064-49643-000	
	HF42	1	064-49641-000	12, 13, 14, 15
†82	O-RING 5/16" I.D.	3	028-12513-000	9
†83	O-RING .301" I.D.	2	028-12209-000	9
†84	O-RING 2" I.D.	3	028-14419-000	9, 10
†85	O-RING 3-1/4" I.D.	2	028-14420-000	9, 10
†86	O-RING 5-1/4" I.D.	1	028-14403-000	10
87	SEAL O-RING 1" I.D.	1	028-12201-000	15
88	SEAL O-RING 1-1/8" I.D.	2	028-12200-000	15
†89	O-RING 3-1/2" I.D.	1	028-14404-000	9
†90	O-RING 4-3/8" I.D.	1	028-13111-000	9
†91	O-RING 6" I.D.	1	028-14405-000	11
†92	O-RING			
	HF39, 42 12" I.D.	1	028-14411-000	
	HF40, 44 13" I.D.	1	028-14412-000	13
†93	O-RING 20" I.D.	1	028-14413-000	12
†94	O-RING 19" I.D.	1	028-14414-000	15
†95	O-RING 22" I.D.	1	028-14406-000	12
†96	O-RING .351" I.D.	2	028-13832-000	13
†97	O-RING .468" I.D. X .078"	7	028-11195-000	9, 13, 14
†98	O-RING .468" I.D. X .087"	1	028-12961-004	14
†99	O-RING 1.171" I.D.	1	028-12961-008	13
100	SEAL DOUBLE SHAFT	1	029-22938-000	9
	REPLACEMENT O-RING 2-1/8" O.D.	1	028-08681-000	1
104	SENSOR TEMPERATURE 50,000 OHMS	1	025-33288-000	14
105	SHAFT CONTROL PRE-ROTATION DEVICE	1	364-29573-000	15
106	SHIELD	2	064-49638-000	11
107	SLEEVE FLARE HYDRAULIC 3/8" O.D.	2	023-10001-000	9
108	WASHER SPRING	1	064-50087-000	10
111	TRANSDUCER PRESSURE	1	025-28678-006	9
112	TUBE OIL DRAIN	1	064-49154-000	11
113	TUBE OIL FEED EXTERNAL	1	064-49619-000	9
114	TUBE OIL FEED INTERNAL	1	064-49621-000	11
115	TUBE OIL RETURN	1	064-49620-000	10
116	VALVE CHECK OIL 1/8" NPTE	1	022-04444-000	11
117	VALVE STOP ANGLE VERTICAL	1	022-09578-000	9
119	VALVE STOP ANGLE VERTICAL	1	022-09577-000	9
120	WASHER PLAIN 9/32" X 5/8"	4	021-05165-000	14
121	LOCKWASHER HEL SPRING 1/4"	2	021-05267-000	14
122	WASHER SPECIAL PRV	1	064-48503-000	15
123	NUT FLARE HYDRAULIC 1/4" O.D.	1	023-09670-000	9
124	SLEEVE FLARE HYDRAULIC 1/4" O.D.	1	023-10000-000	9
125	WASHER PLAIN 9/32" X 5/8"	12	021-01225-000	11
126	WASHER SPRING	1	064-50088-000	13
127	SCREW CAP HEX SOC HD	1	021-14461-000	9
128	RETAINER EYE SEAL HF	1	064-50106-000	13

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

HF COMPRESSOR

MODELS HF39, 40, 42, 44

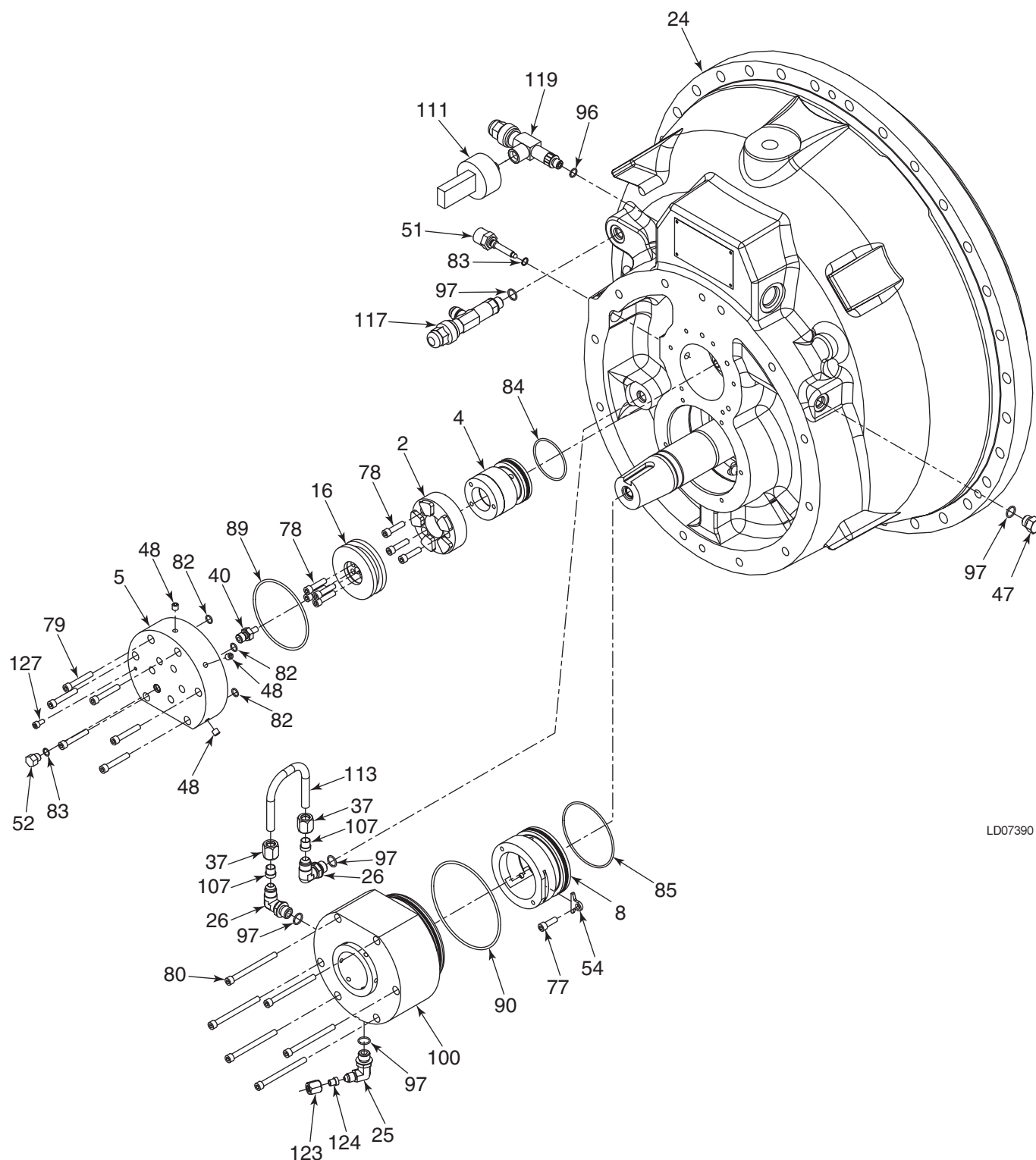


FIG. 10 – HF COMPRESSOR

HF COMPRESSOR
MODELS HF39, 40, 42, 44

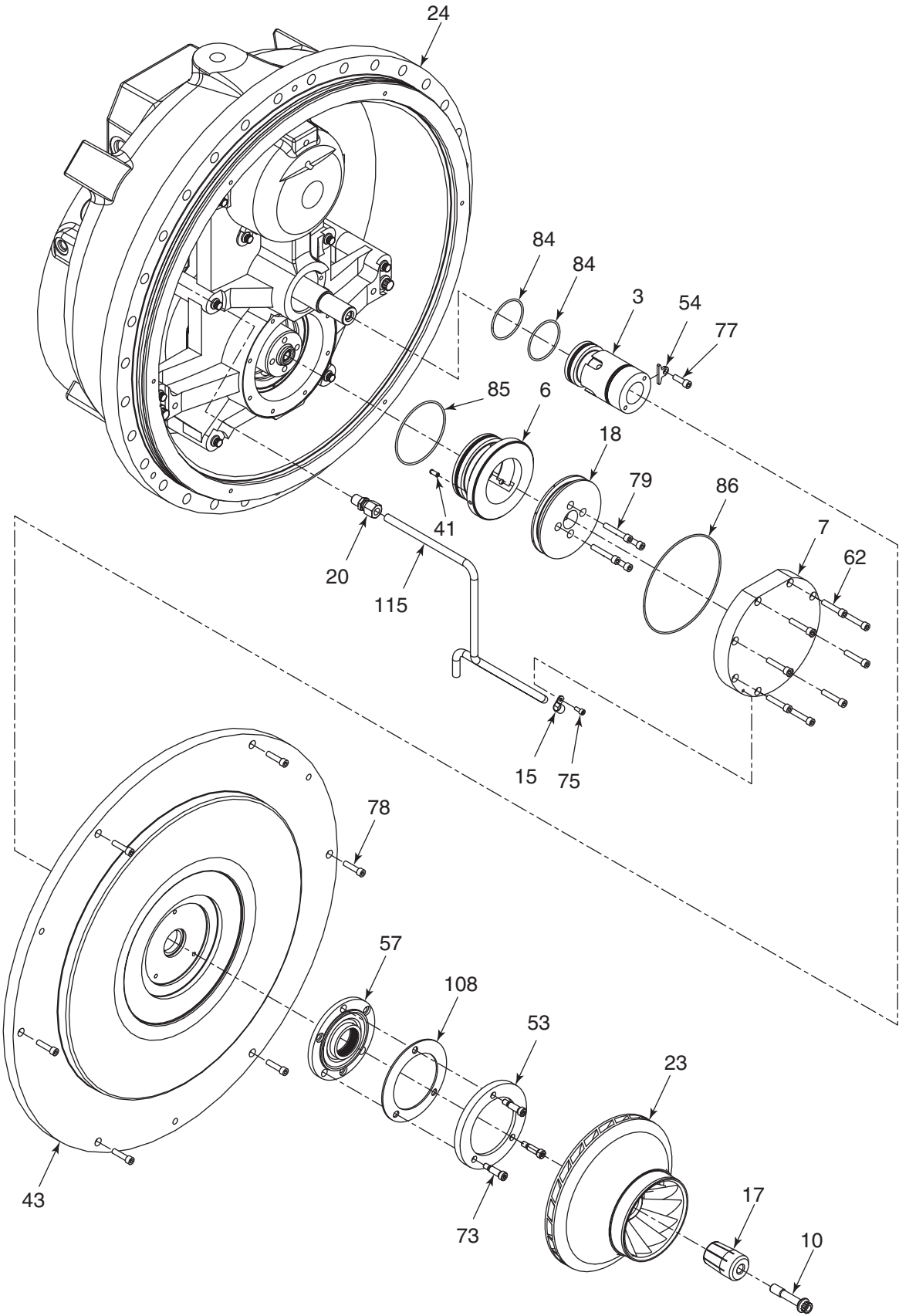


FIG. 11 –

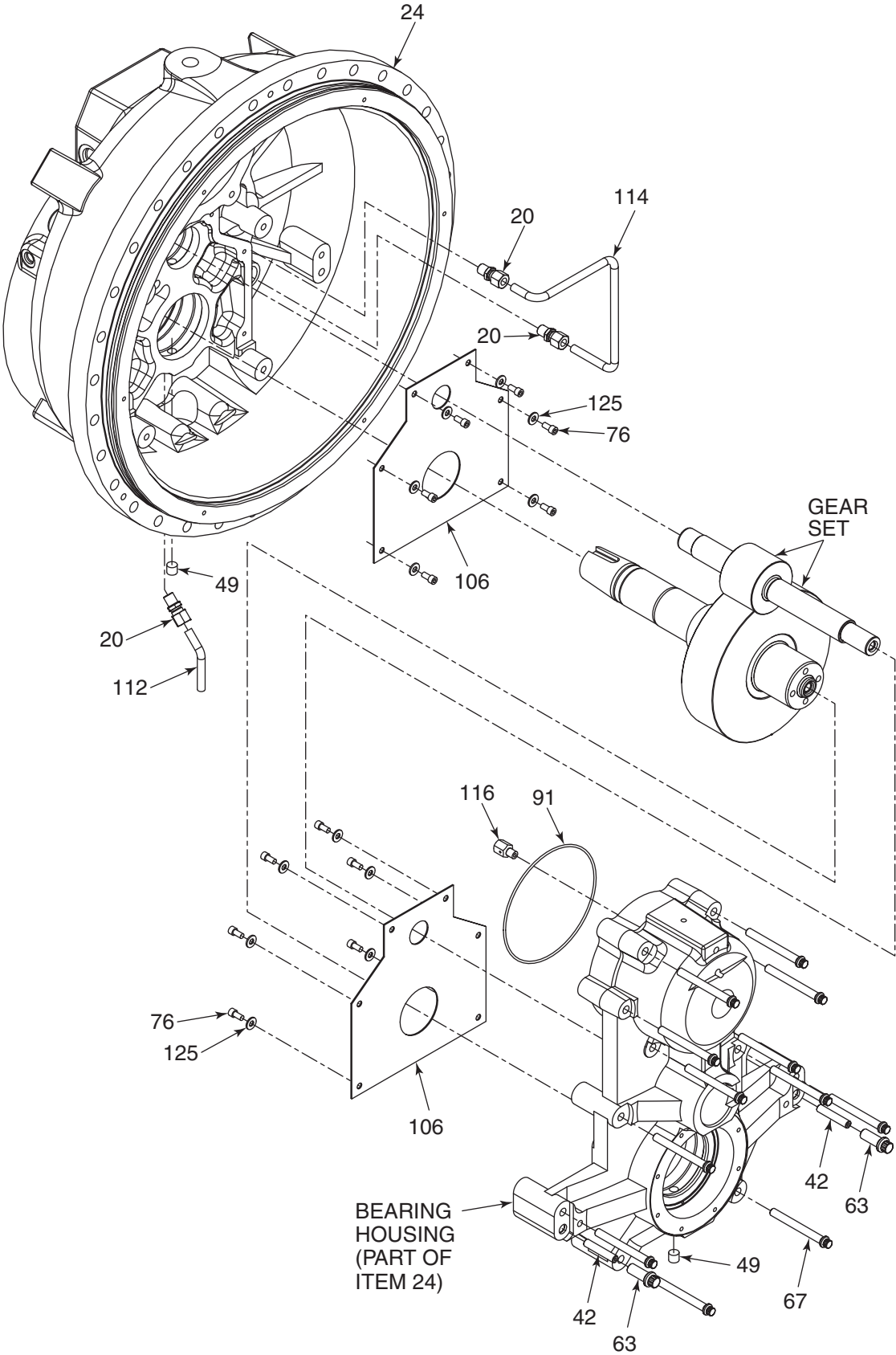
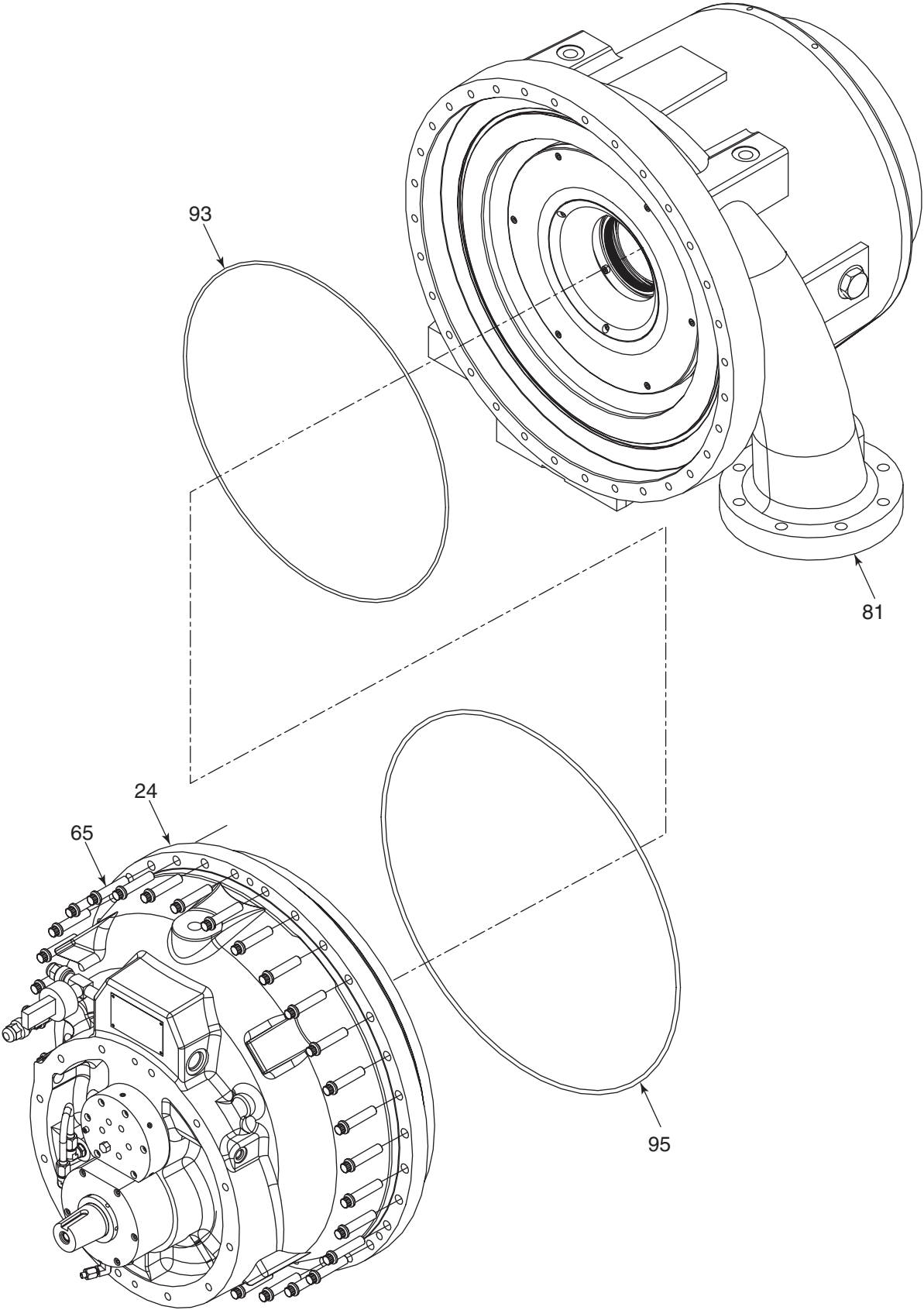


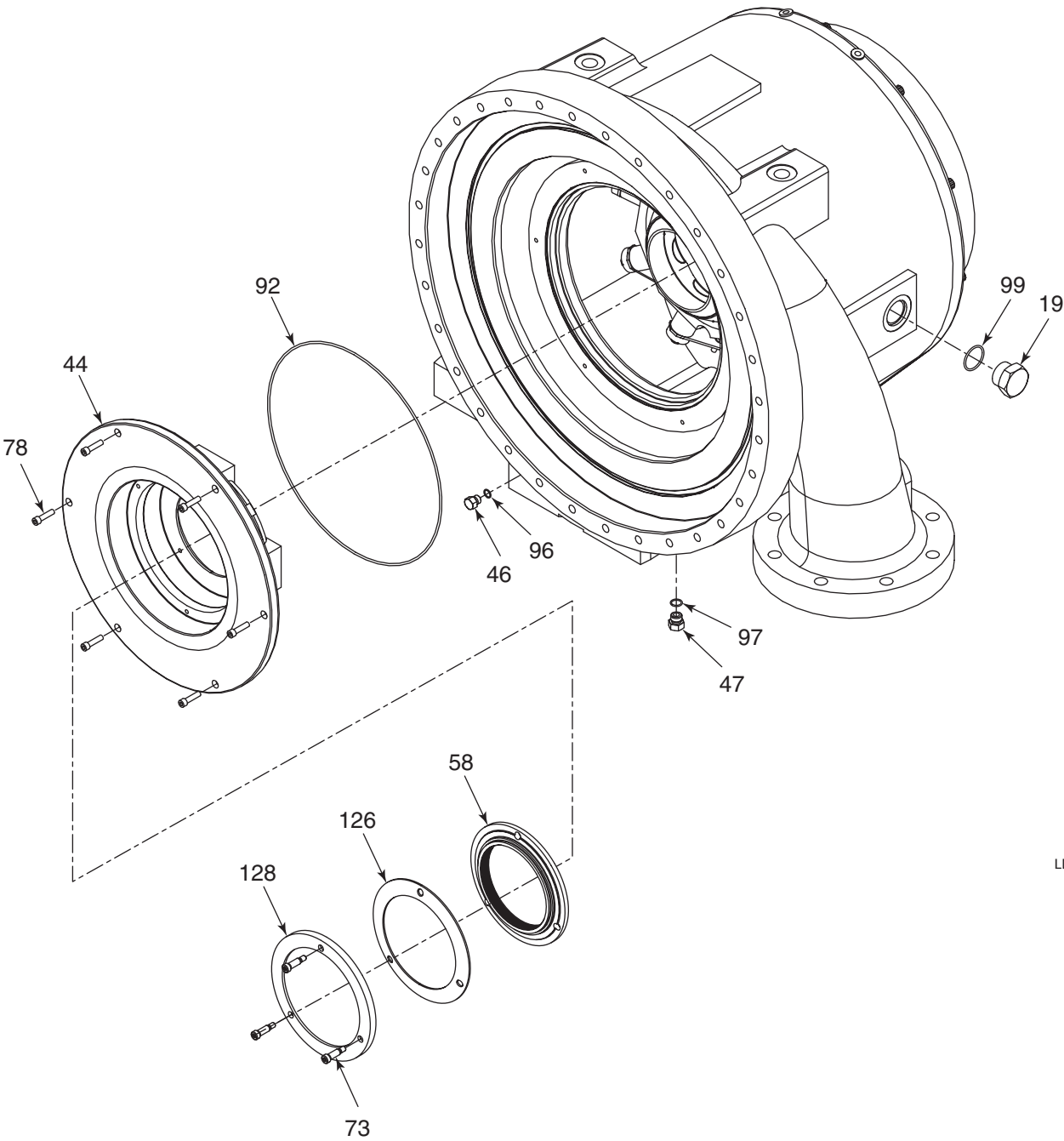
FIG. 12 –

HF COMPRESSOR
MODELS HF39, 40, 42, 44



LD07393

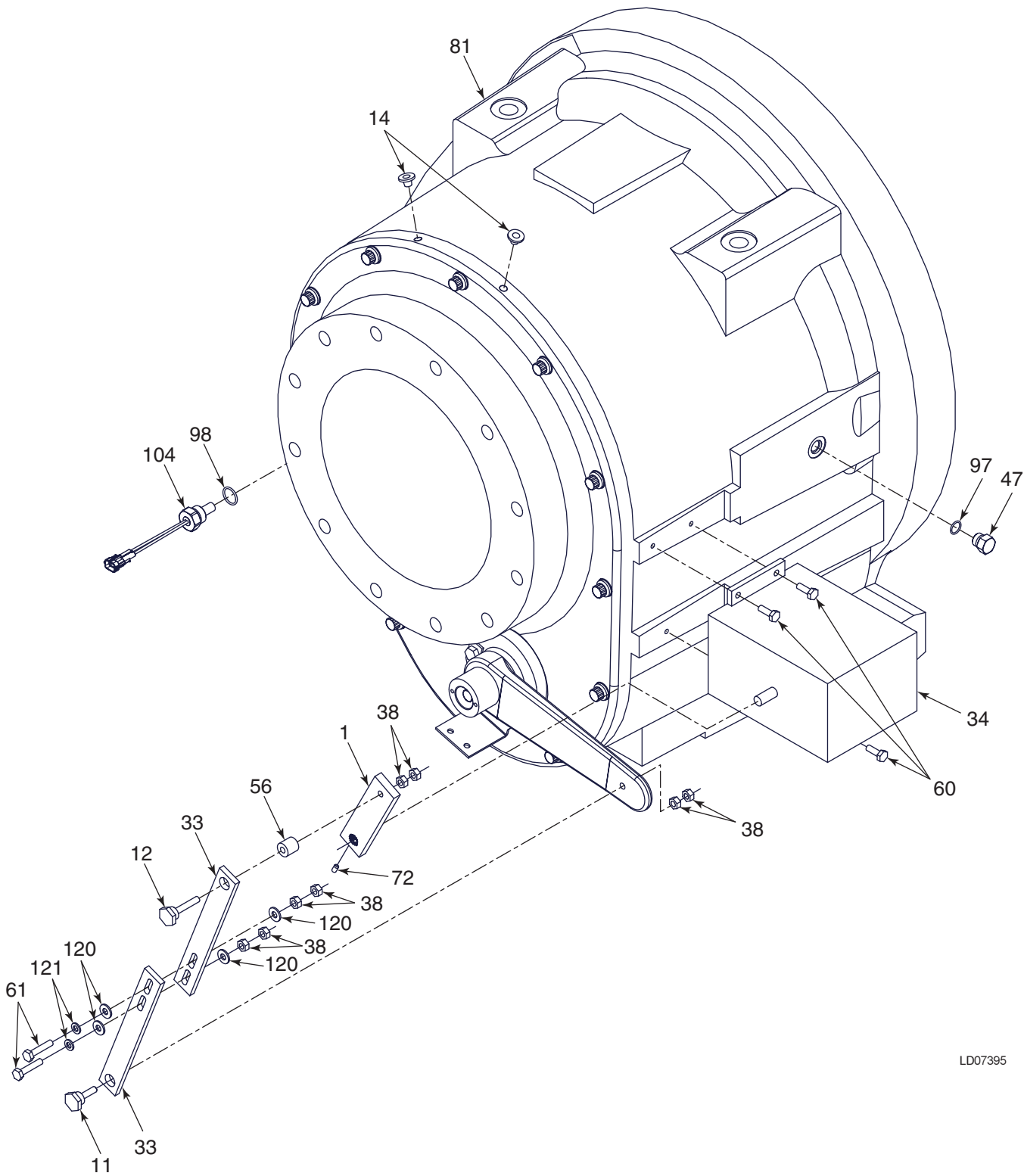
FIG. 13 –



LD07799

FIG. 14 –

HF COMPRESSOR
MODELS HF39, 40, 42, 44



LD07395

FIG. 15 –

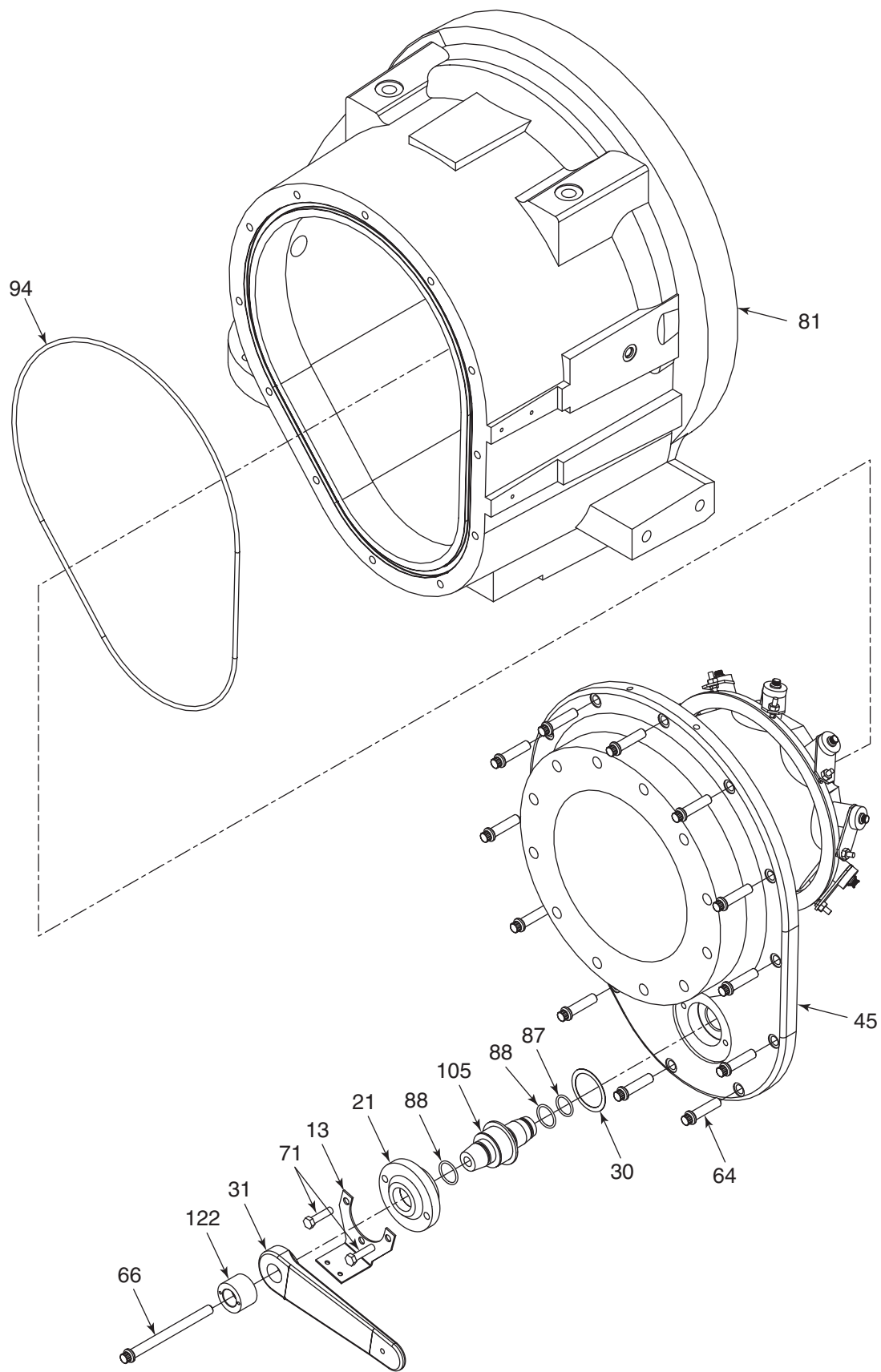
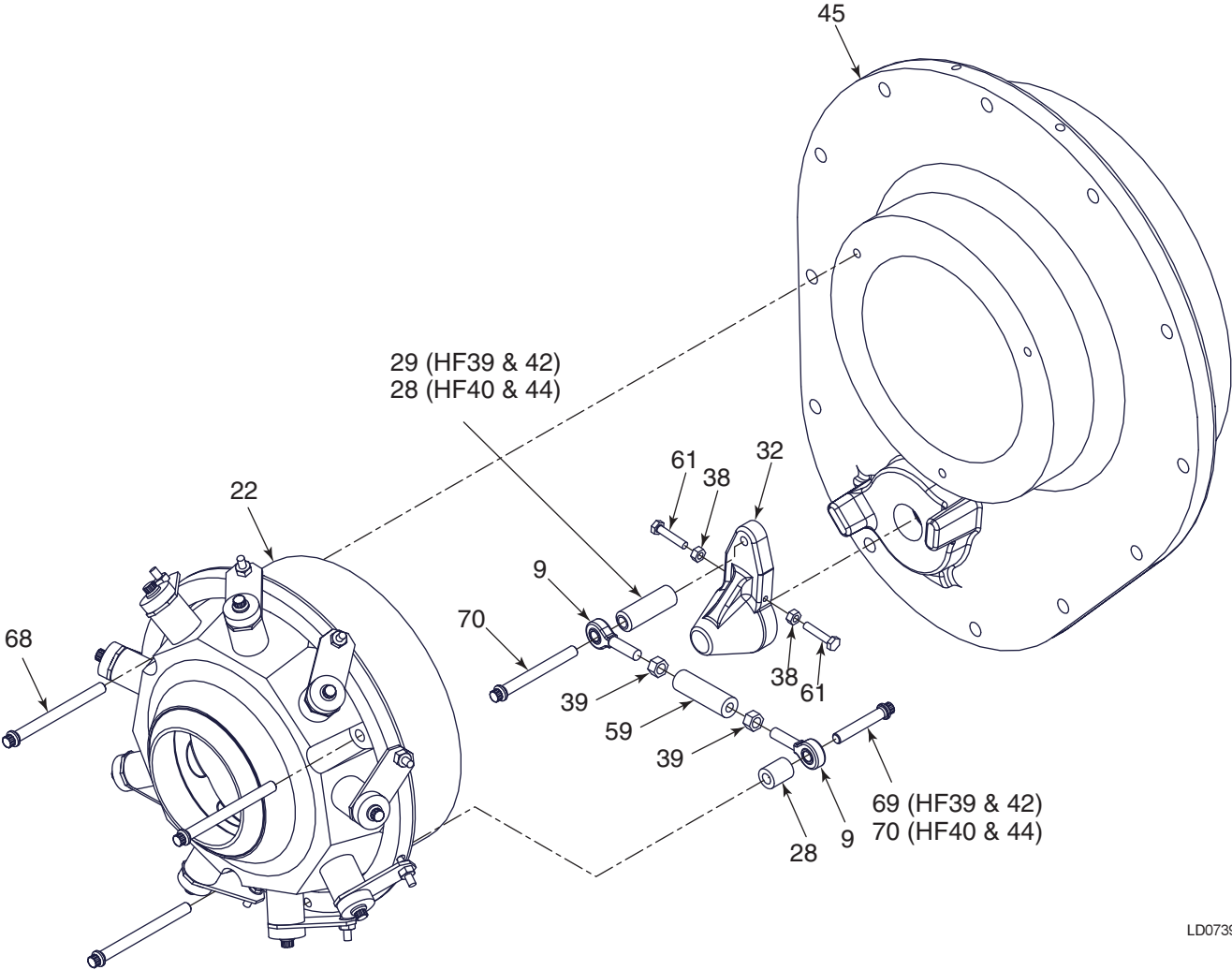


FIG. 16 –

LD07396

HF COMPRESSOR
MODELS HF39, 40, 42, 44



LD07397

FIG. 17 –

HF41 MODELS – COMPRESSOR PARTS

ITEM NO.	DESCRIPTION	QTY	PART NO.
1	PRV MOTOR ARM	1	064-47514-000
*2	BRG. H. S. – FORWARD THRUST	1	029-22936-000
*3	BRG. H. S. – FRONT	1	064-50065-000
*4	BRG. H. S. – REAR	1	064-50064-000
5	BRG. H. S. – REVERSE THRUST	1	029-22937-000
*6	BRG. L. S. – FRONT	1	064-50085-000
*7	BRG. L. S. – THRUST	1	029-22935-000
*8	BRG. L. S. – REAR	1	064-50084-000
9	BRG. ROD END	2	029-08343-000
10	SCREW	1	064-50052-000
11	BOLT SHLD SPL 1/4" - 20 X 1	1	064-28262-000
12	BOLT SHLD SPL 1/4" - 20 UNC	1	064-28282 000
13	BRACKET SUPPORT LOWER PRV	1	064-48851-000
15	CLAMP TUBE 3/8" O.D.	1	023-05284-000
*16	COLLAR H.S. THRUST	1	064-49636-000
17	COLLAR IMPELLER CLAMP	1	029-22987-000
*18	COLLAR L.S. THRUST	1	064-49637-000
19	PLUG HEX HEAD	1	023-18282-000
20	CONNECTOR INSTRM 3/8" TUBE	4	023-12229-000
21	COVER PRV SHAFT CONTROL	1	064-48861-000
22	DEVICE PRE-ROTATION	1	364-50332-000
23	IMPELLER W/BAL. PISTON	1	364-50304-000
24	SUPPORT ROTOR W/BRG. HOUSING	1	364-50094-000
25	ELBOW FLARE HYDRAULIC 1/4" O.D.	1	023-20242-000
26	ELBOW FLARE HYDRAULIC 3/8" O.D.	2	023-18920-000
28	FILLPIECE PRE-ROTATION DEVICE	1	064-12328-000
29	FILLPIECE PRE-ROTATION DEVICE	1	064-47518-000
30	GASKET 2 1/2" O.D. X 2" I.D. X 1/32"	1	064-47751-000
31	LEVER, PRV, EXTERNAL	1	064-47108-000
32	LEVER, PRV, INTERNAL	1	064-47482-000
33	LINK EXTERNAL PRV	2	064-49716-000
34	PRV MOTOR ACTUATOR	1	025-17175-000
37	NUT FLARE HYDRAULIC 3/8" O.D.	2	023-09673-000
38	NUT HEX 1/4" - 20 UNC-2B	10	021-00450-000
39	NUT HEX 3/8" - 24 UNC-2B	2	021-00474-000
40	ORIFICE H.S. OIL FEED	1	064-49650-000
41	PIN SLOT SPG 3/16" X 1/2"	1	029-04138-000
42	PIN DOWEL TAPPED 3/8" DIA.	2	029-18459-000
43	PLATE DIFFUSER	1	064-50301-000
44	PLATE NOZZLE BASE	1	064-50302-000
46	PLUG HEX HEAD 7/16"	1	023-18279-000
47	PLUG HEX HEAD 9/16"	3	023-18962-000
48	PLUG PIPE FLUSH TYPE HEX	4	023-05366-000
49	PLUG PIPE 1/4" HEX SOCKET	2	023-01973-000
51	PROBE HF	1	025-34535-000
52	PLUG HEX HD	1	023-20217-000
53	RETAINER BALANCE PISTON SEAL	1	064-50086-000

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

HF41 MODELS – COMPRESSOR PARTS

ITEM NO.	DESCRIPTION	QTY	PART NO.
54	RETAINER BEARING S STAGE TURBO	2	064-46886-000
56	RING 5/8" X 17/64" I.D. X 5/8"	1	064-40009-000
57	RING BALANCE PISTON SEAL HF	1	064-50059-000
58	RING EYE SEAL	1	064-50333-000
59	ROD ADJUSTABLE	1	064-49719-000
60	SCREW CAP HEX 1/4" - 20 UNC	3	021-01379-000
61	SCREW CAP HEX 1/4" - 20 UNC	3	021-01392-000
62	SCREW CAP HEX 1/4" - 20 UNC	8	021-02578-000
63	SCREW CAP 12 PT HD 1/2"	2	021-13334-000
64	LINK EXTRERNAL PRV	1	064-47940-000
65	SCREW CAP 12 PT HD 1/2"	32	021-11926-000
66	SCREW CAP 12 PT HD 1/2"	1	021-11998-000
67	SCREW CAP 12 PT HD 3/8"	12	021-11974-000
68	SCREW CAP 12 PT HD 3/8"	3	021-11595-000
69	SCREW CAP 12 PT HD 3/8"	1	021-11720-000
70	SCREW CAP 12 PT HD 3/8"	1	021-17618-000
71	SCREW CAP HEX 3/8" - 16 UNC	2	021-18901-000
72	SCREW SET HEX SOC CUP PT	1	021-03910-000
73	SCREW SHOULDER SOC HD	6	021-17557-000
75	SCREW CAP HEX SOC HD #8	1	021-19153-000
76	SCREW CAP HEX SOC HD 1/4"	12	021-29501-000
77	SCREW CAP HEX SOC HD 1/4"	2	021-01377-000
78	SCREW CAP HEX SOC HD 1/4"	12	021-29576-000
79	SCREW CAP HEX SOC HD 1/4"	10	021-18994-000
80	SCREW CAP HEX SOC HD 1/4"	6	021-29575-000
†82	O-RING 5/16" I.D.	3	028-12513-000
†83	O-RING .301" I.D.	2	028-12209-000
†84	O-RING 2" I.D.	3	028-14419-000
†85	O-RING 3-1/4" I.D.	2	028-14420-000
†86	O-RING 5-1/4" I.D.	1	028-14403-000
87	SEAL O-RING 1" I.D.	1	028-12201-000
88	SEAL O-RING 1-1/8" I.D.	2	028-12200-000
†89	O-RING 3-1/2" I.D.	1	028-14404-000
†90	O-RING 4-3/8" I.D.	1	028-13111-000
†91	O-RING 6" I.D.	1	028-14405-000
†92	O-RING 18" ID X 18 1/4" O.D.	1	028-12257-000
†93	O-RING 19.719" ID	1	028-12227-000
†95	O-RING 22" I.D. X 22 1/2" O.D.+B136	1	028-14406-000
†96	O-RING .351" I.D.	2	028-13832-000
97	O-RING .468" I.D. X .078"	7	028-11195-000
†98	O-RING .468" I.D. X .087"	1	028-12961-004
†99	O-RING 1.171" I.D.	1	028-12961-008
100	SEAL DOUBLE SHAFT	1	029-22938-000
	REPLACEMENT O-RING 2-1/8" O.D.	1	028-08681-000
104	SENSOR TEMPERATURE 50,000 OHMS	1	025-33288-000
105	SHAFT CONTROL PRE-ROTATION DEVICE	1	364-29573-000
106	SHIELD	2	064-49638-000

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

ITEM NO.	DESCRIPTION	QTY	PART NO.
107	SLEEVE FLARE HYDRAULIC 3/8" O.D.	2	023-10001-000
108	WASHER SPRING	1	064-50087-000
111	TRANSDUCER PRESSURE	1	025-28678-006
112	TUBE OIL DRAIN	1	064-49154-000
113	TUBE OIL FEED EXTERNAL	1	064-49619-000
114	TUBE OIL FEED INTERNAL	1	064-49621-000
115	TUBE OIL RETURN	1	064-49620-000
116	VALVE CHECK OIL 1/8" NPTE	1	022-04444-000
117	VALVE STOP ANGLE VERTICAL	1	022-09578-000
119	VALVE STOP ANGLE VERTICAL	1	022-09577-000
120	WASHER PLAIN 9/32" X 5/8"	4	021-05165-000
121	LOCKWASHER HEL SPRING 1/4"	2	021-05267-000
122	WASHER SPECIAL PRV	1	064-48503-000
123	NUT FLARE HYDRAULIC 1/4" O.D.	1	023-09670-000
124	SLEEVE FLARE HYDRAULIC 1/4" O.D.	1	023-10000-000
125	WASHER PLAIN 9/32" X 5/8"	12	021-01225-000
126	WASHER SPRING	1	064-50088-000
127	SCREW CAP HEX SOC HD	1	021-14461-000
128	RETAINER EYE SEAL HF	1	064-50106-000
132	SCREW CAP HEX 1/4" - 20 UNC	1	021-11914-000

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

HF41 COMPRESSOR

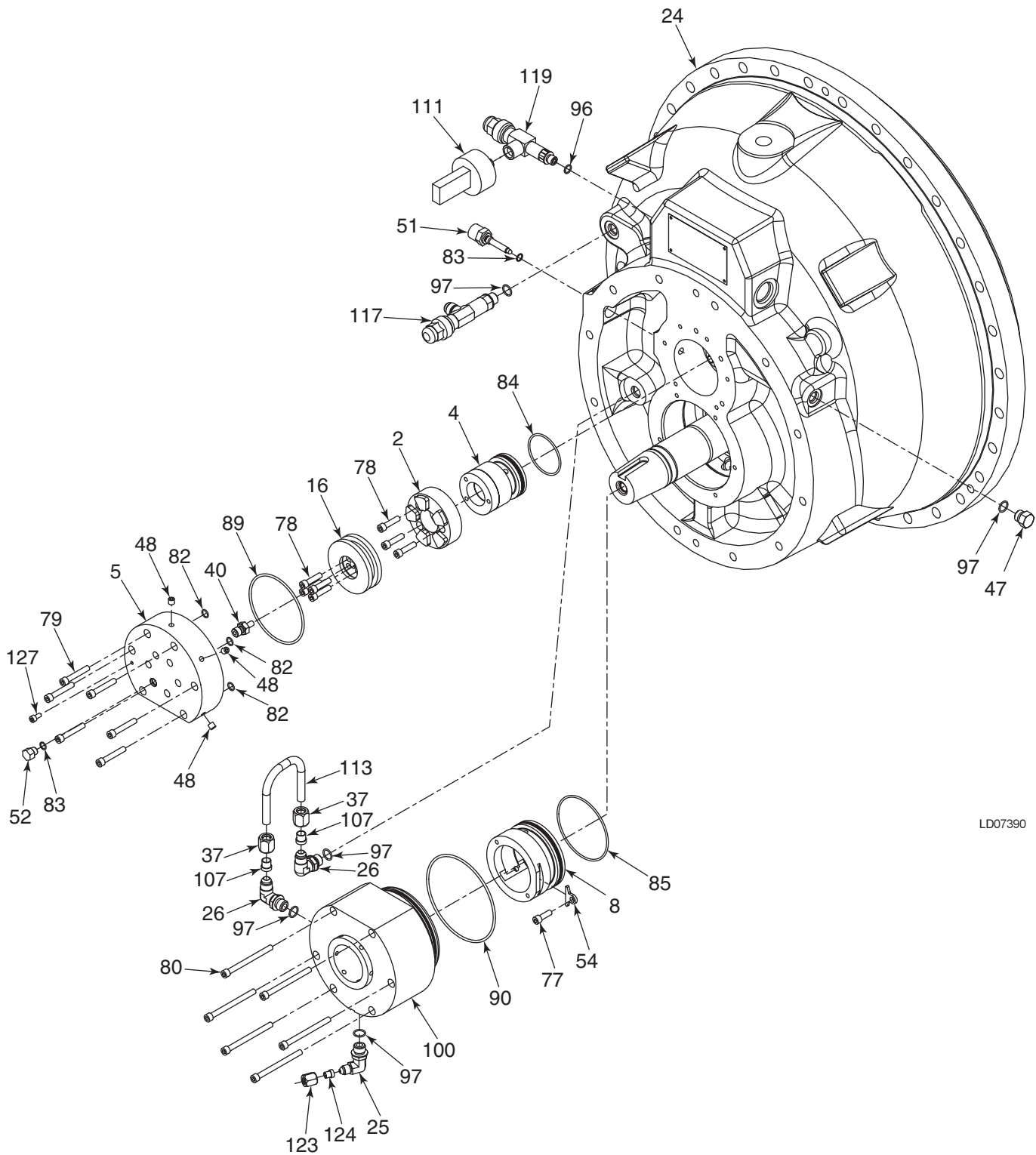


FIG. 18 – HF41 COMPRESSOR

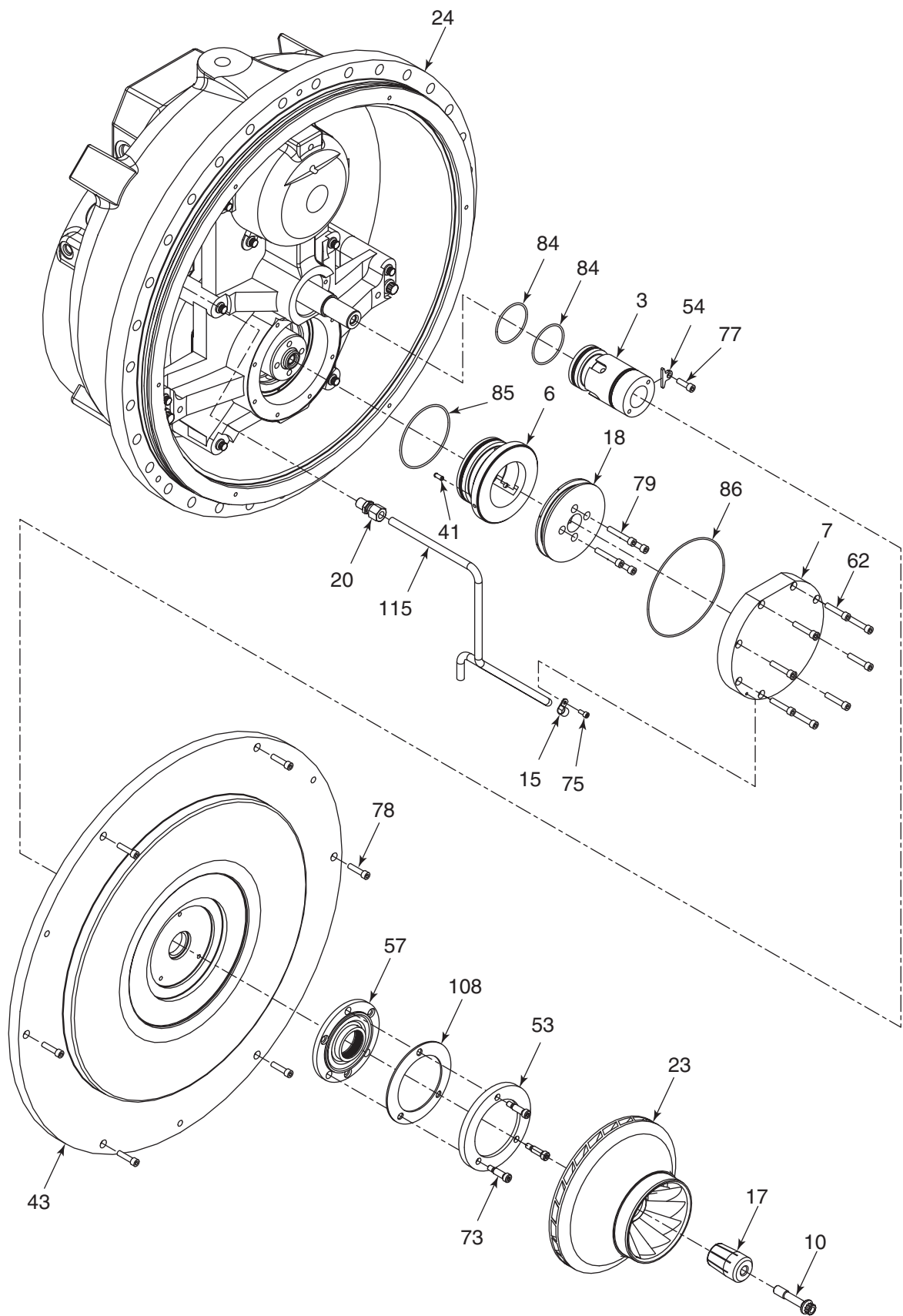


FIG. 19

HF41 COMPRESSOR

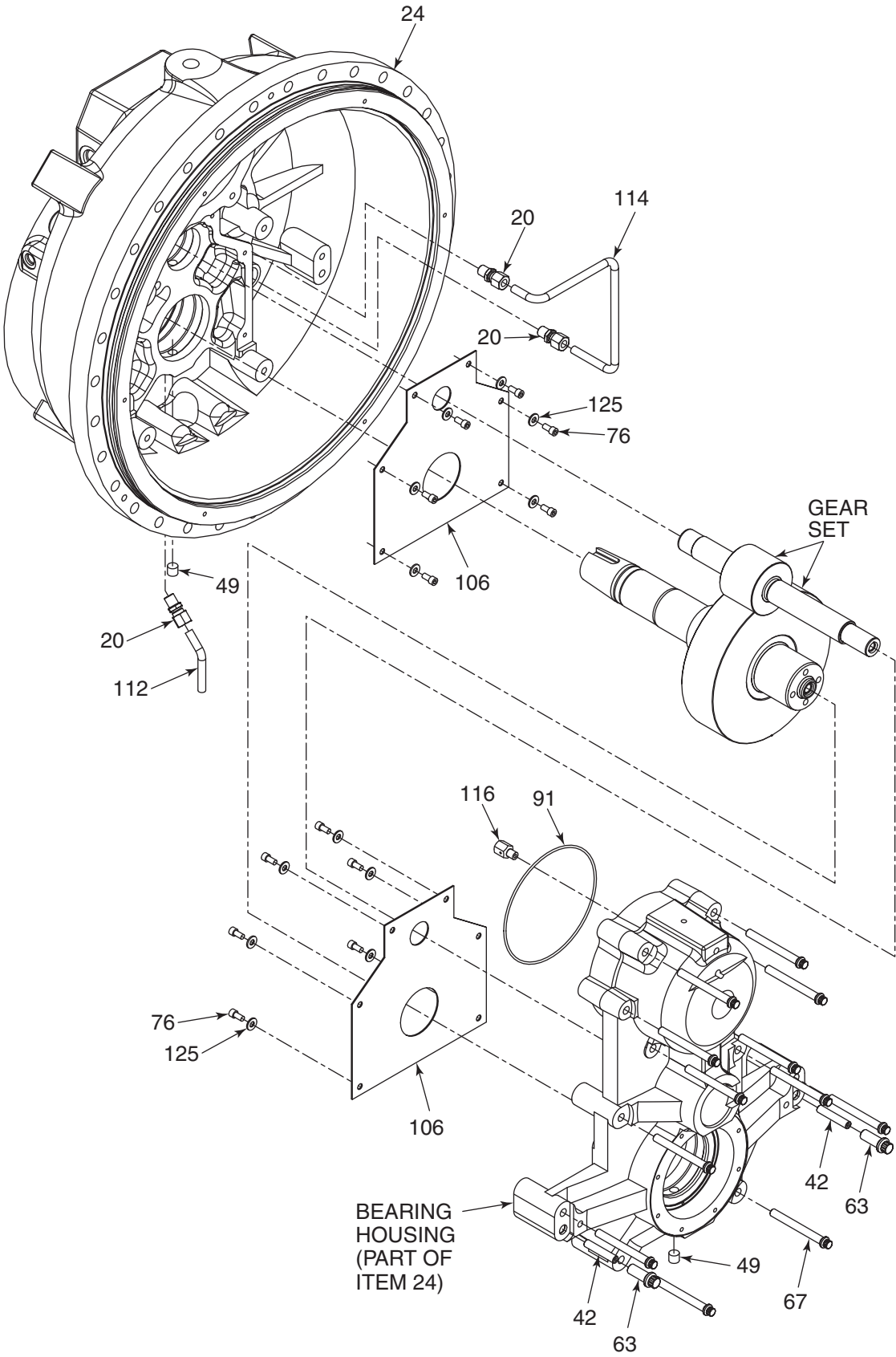
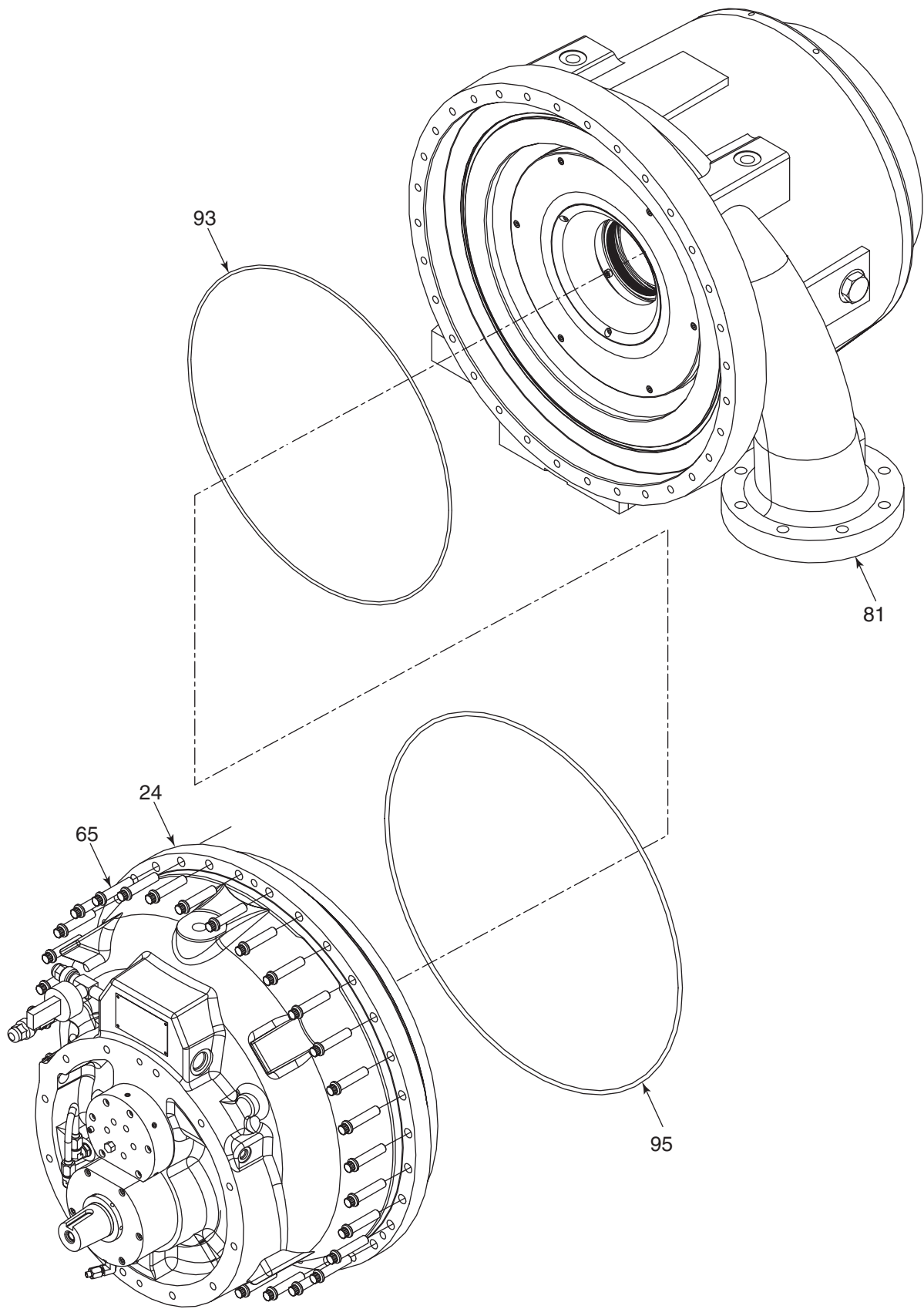


FIG. 20

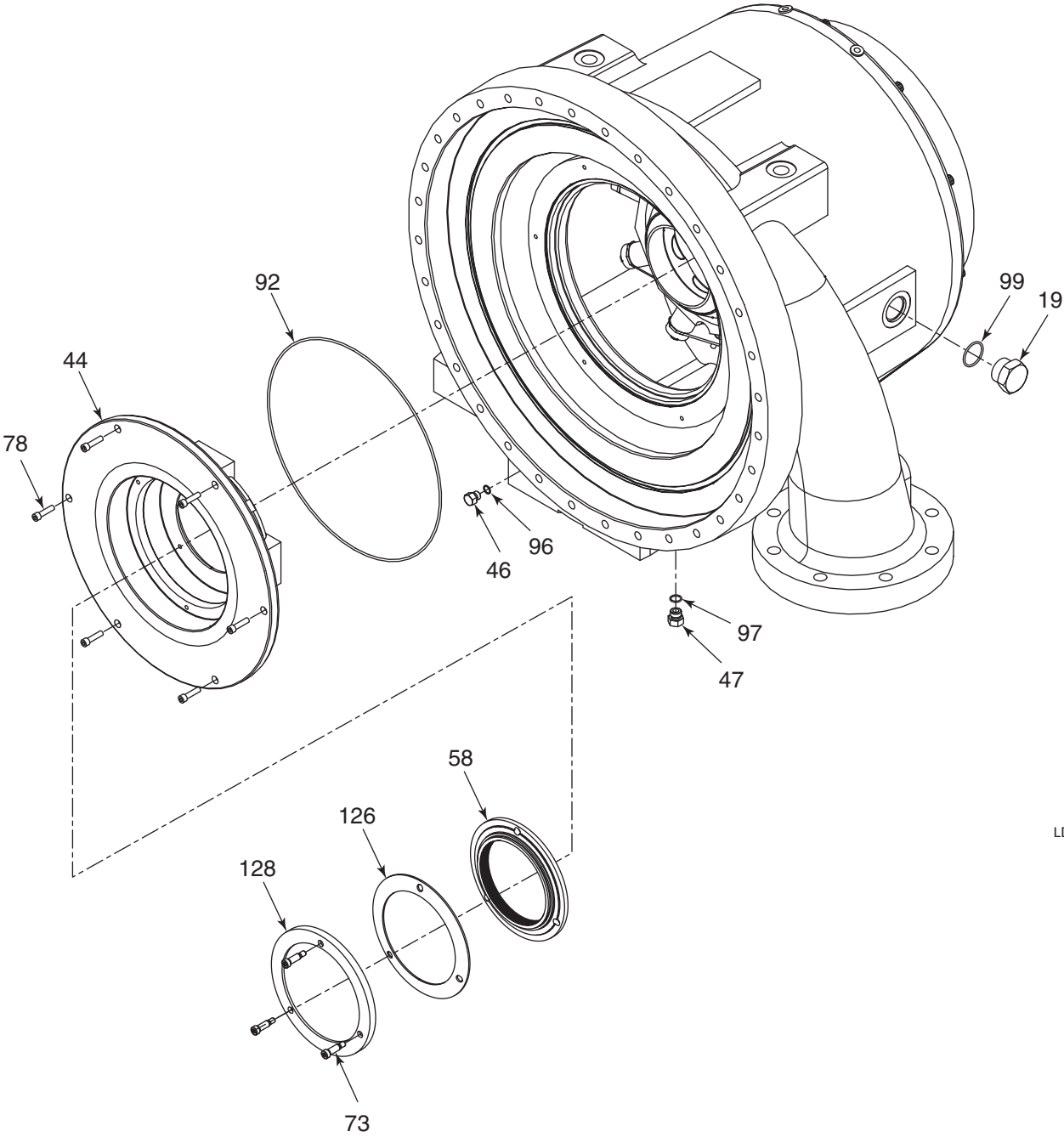
LD07392



LD07393

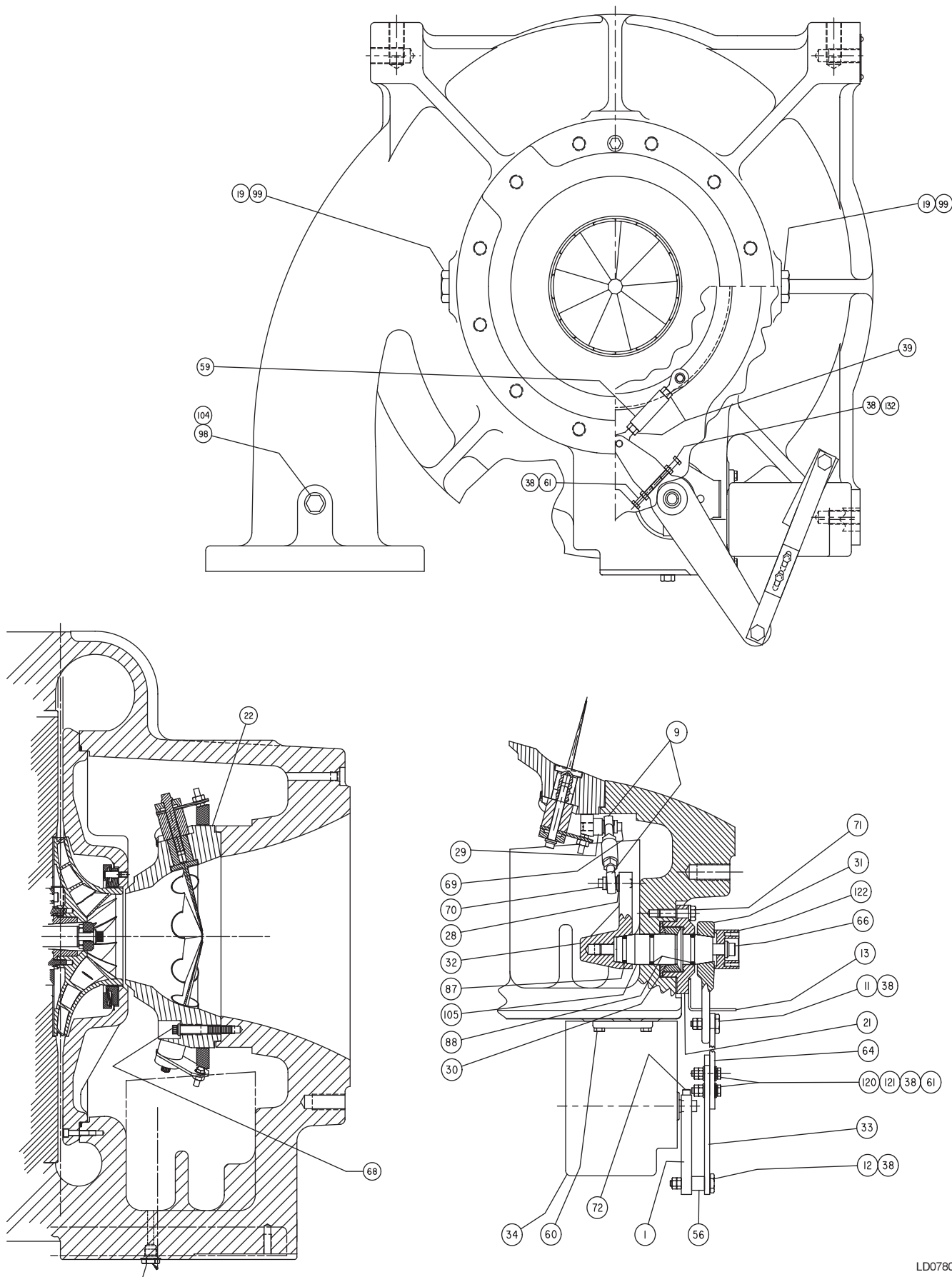
FIG. 21

HF41 COMPRESSOR



LD07799

FIG. 22



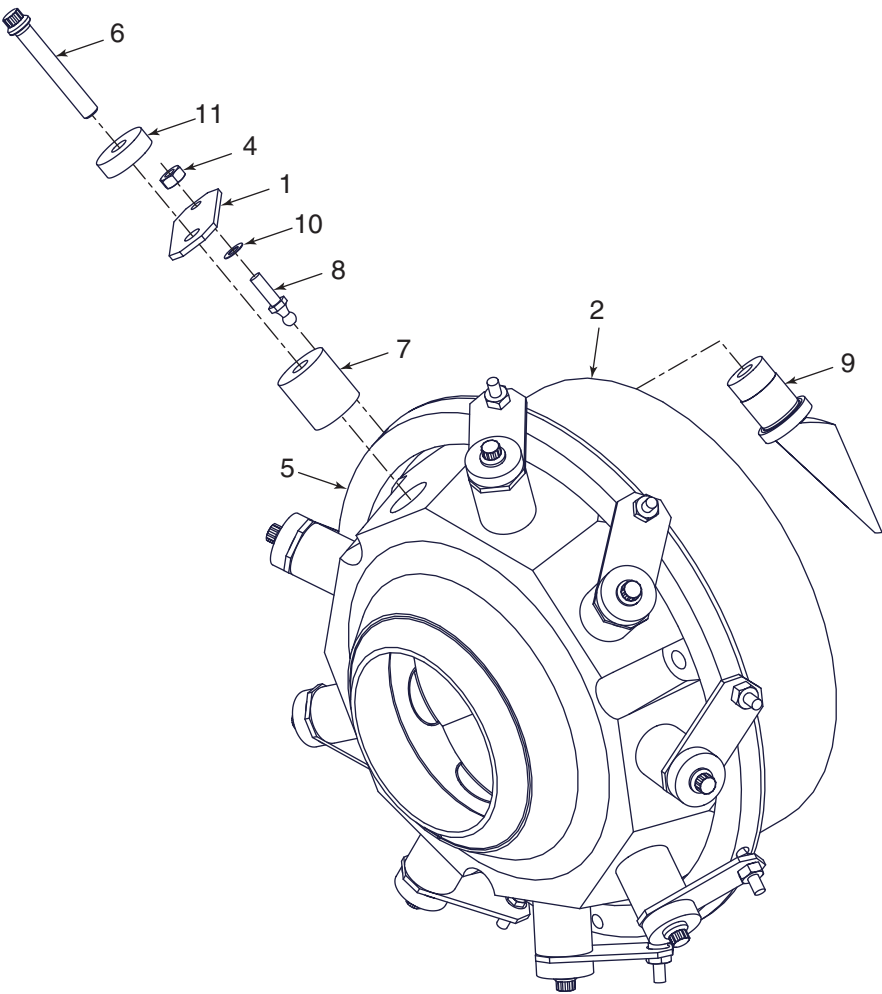
LD07800

FIG. 23

DEVICE PRE-ROTATION
MODELS HF39 THROUGH HF44
(REFER TO FIGURE 24, PAGE 39)

ITEM NO.	DESCRIPTION	QTY	PART NO.
	COMPLETE PRV DEVICE		
	HF39	1	364-50102-001
	HF40	1	364-50102-002
	HF 41	1	364-50332-000
	HF42	1	364-50102-003
	HF44	1	364-50102-004
1	VANE ARM	9	064-47952-000
2	HOUSING PRE-ROTATION VANE		
	HF39	1	064-50096-000
	HF40	1	064-50097-000
	HF41	1	064-50303-000
	HF42	1	064-50095-000
	HF44	1	064-50098-000
4	NUT SELF LOCK 1/4" - 28 UNF	9	021-12943-000
5	RING VANE DRIVING		
	HF39, 40, 42, 44	1	064-49713-000
	HF41	1	064-50364-000
6	SCREW CAP 12 PT HD 3/8"	9	021-17245-000
7	SPACER ARM	9	064-49712-000
8	STUD BALL	9	029-15924-000
9	VANE PRE-ROTATION	9	029-22939-000
10	WASHER PLAIN	9	021-11973-000
11	WASHER	9	064-09289-000

DEVICE PRE-ROTATION
MODELS HF39 THROUGH HF44



LD07398

FIG. 24 – DEVICE PRE-ROTATION

HF OIL SUMP

ITEM NO.	DESCRIPTION	QTY	PART NO.
1	SEAL O-RING 13 1/2" I.D. X 14" O.D.	1	028-11977-000
2	PUMP WITH MOTOR	1	026-37574-000
4	BLOCK OIL EDUCTOR	1	026-37553-000
5	HEATER (U.L. - NEMA 1 AND CE WIRING OPTION)	1	025-34523-000
	HEATER (U.L. - NEMA 4 / 12 WIRING OPTION)	1	025-36094-000
6	VALVE, STOP	1	022-09708-000
7	VALVE, STOP	1	022-09577-000
8	VALVE, STOP	1	022-10054-000
9	SUMP WITH LIQUID LEVEL SIGHT GAUGE	1	026-37571-000
	SUMP WITH SIGHT PLUGS	2	026-35029-000
10	SEAL O-RING (SIGHT PLUG STYLE SUMP)	2	028-12961-008
12	SENSOR TEMPERATURE	1	025-33288-000
13	TERMINAL HV FUSED GLASS	3	025-32933-000
17	NUT HEX 1/4 - 20	4	021-00450-000
18	SCREW CAP HEX 3/8 - 16	5	021-10037-000
19	SEAL O-RING 1 3/4" I.D. X 1/8"	1	028-05188-000
20	SEAL O-RING 1.171" I.D. X .116"	1	028-12961-008
21	SEAL O-RING .924" I.D. X .116"	1	028-12961-006
23	SEAL O-RING .644" I.D." X .087"	1	028-12961-004
24	SEAL O-RING .468" I.D. X .078"	3	028-12961-003
25	SEAL O-RING .351" I.D. X .072"	5	028-12961-001
26	SEAL O-RING 5/8" I.D. X 3/32"	3	028-11999-000
27	SEAL O-RING 2 5/8" I.D. X 3/16"	1	028-14469-000
28	SEAL O-RING .487" I.D." X .103"	2	028-12961-035

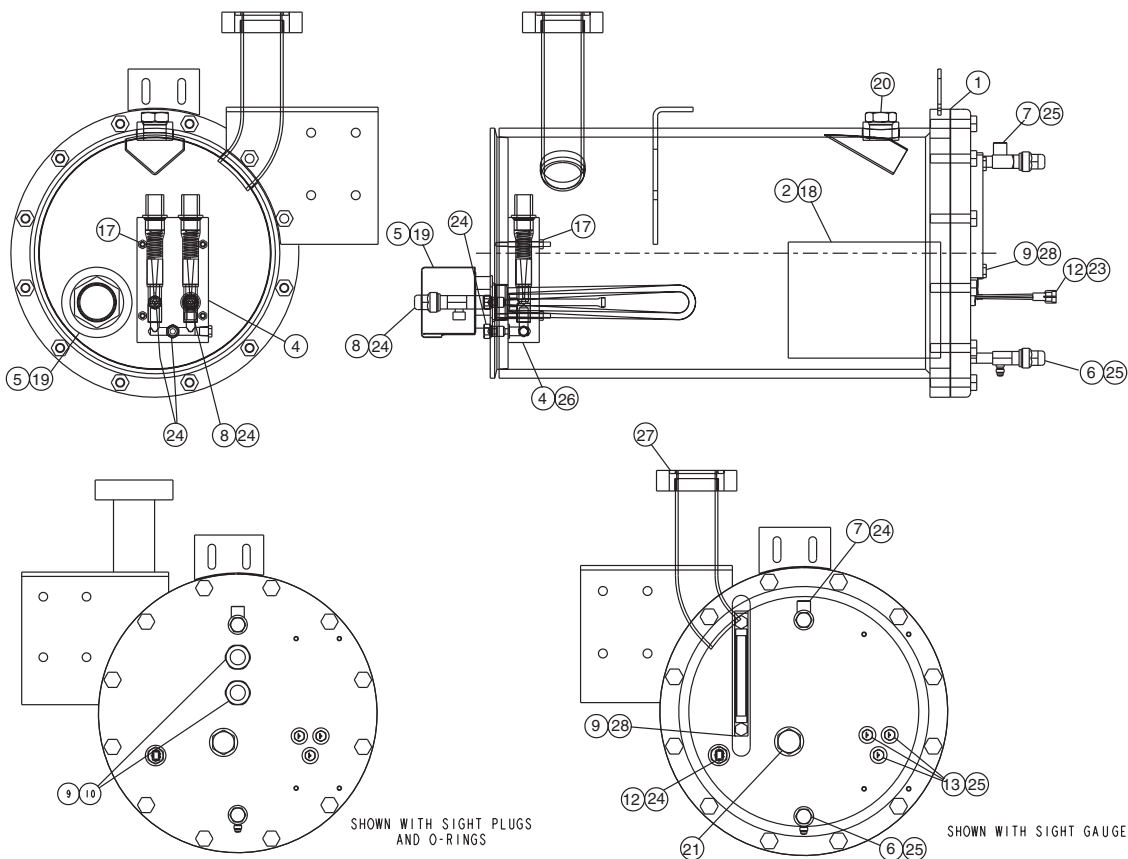


FIG. 25 – HF OIL SUMP

LD07045

GEAR SETS

MODELS YDHF-39 - HF44	
SPEED CODE	PART NO.
WA	029-14400-053
WB	029-14400-054
WC	029-14400-055
WD	029-14400-056
WE	029-14400-057
WF	029-14400-058
WG	029-14400-059
WH	029-14400-060
WJ	029-14400-061
WK	029-14400-062
WL	029-14400-063
WM	029-14400-064
WN	029-14400-065
WP	029-14400-066
WQ	029-14400-067
WR	029-14400-068
WS	029-14400-069
WT	029-14400-070
WU	029-14400-071
WV	029-14400-072
WW	029-14400-073
WX	029-14400-074
WY	029-14400-075
WZ	029-14400-076
XA	029-14400-077
XB	029-14400-078
XC	029-14400-079
XD	029-14400-080
XE	029-14400-081
XF	029-14400-082
XG	029-14400-083
XH	029-14400-084

MODELS YD HD/HE 46 - 61	
SPEED CODE	PART NO.
RA	029-14400-150
RB	029-14400-151
RC	029-14400-152
RD	029-14400-153
RE	029-14400-154
RF	029-14400-155
RG	029-14400-156
RH	029-14400-157
RI	029-14400-158
RJ	029-14400-159
RK	029-14400-160
RL	029-14400-161
RM	029-14400-162
RN	029-14400-163
RO	029-14400-164
RP	029-14400-165
RQ	029-14400-166
RR	029-14400-167
RS	029-14400-168
RT	029-14400-169
RU	029-14400-170
RV	029-14400-171
RW	029-14400-172
RX	029-14400-173
RY	029-14400-174
RZ	029-14400-175
SA	029-14400-176
SB	029-14400-177
SC	029-14400-178
SD	029-14400-179
SE	029-14400-180
SF	029-14400-181
SG	029-14400-182
SH	029-14400-183

HD & HE BEARING KIT

PART NO. 464-49801-000

ITEM*	DESCRIPTION	PART NO.
8	BEARING, H.S. – REAR	064-49164-000
9	BEARING, L.S. – REAR	064-49162-000
10	BEARING, L.S. – FRONT	064-49161-000
11	BEARING, H.S. – FORWARD THRUST	029-22451-000
13	COLLAR, H.S. – THRUST	064-49159-000
14	COLLAR, L.S. – THRUST	064-49158-000
65	BEARING, H.S. – FRONT	064-49163-000
93	BEARING, L.S. – THRUST	029-22450-000

* Item numbers as shown on pages 2 through 4.

HF BEARING KIT 464-50154-000

ITEM*	DESCRIPTION	PART NO.
2	BEARING, H.S. – FORWARD THRUST	029-22936-000
3	BEARING, H.S. – FRONT	064-50065-000
4	BEARING, H.S. – REAR	064-50064-000
6	BEARING, L.S. – FRONT	064-50085-000
7	BEARING, L.S. – THRUST	029-22935-000
8	BEARING, L.S. – REAR	064-50084-000
16	COLLAR, H.S. – THRUST	064-49636-000
18	COLLAR, L.S. – THRUST	064-49637-000

* Item Numbers as shown on pages 18 through 20.

50 - 60 HERTZ MOTORS

Refer to motor nameplate for specific motor information.

HD & ALL HE EXCEPT HE52 O-RING KIT**PART NO. 464-49800-000**

ITEM†	DESCRIPTION	QUANTITY	PART NO.
18	O-RING, 7" I.D.	1	028-12550-000
69	O-RING, 24.462" I.D.	1	028-13847-000
70	O-RING, 4-1/8" I.D.	1	028-12205-000
72	O-RING, 18" I.D.	1	028-12257-000
75	O-RING, 26.623" I.D.	1	028-13846-000
86	O-RING, 5/16" I.D.	4	028-12513-000

† Item numbers as shown on pages 2 through 4.

HE52 O-RING KIT**PART NO. 464-50435-000**

ITEM†	DESCRIPTION	QUANTITY	PART NO.
18	O-RING, 7" I.D.	1	028-12550-000
69	O-RING, 24.462" I.D.	1	028-13847-000
70	O-RING, 4 1/8" I.D.	1	028-12205-000
72	O-RING, 15" I.D.	1	028-15063-000
75	O-RING, 26.623" I.D.	1	028-13846-000
86	O-RING, 5/16" I.D.	3	028-12513-000

† Item numbers as shown on pages 9 through 11.

O-RING KIT 464-50180-000**MODELS HF39 & HF42**

ITEM†	DESCRIPTION	QUANTITY	PART NO.
82	O-RING, 5/16" I.D.	3	028-12513-000
83	O-RING, .301" I.D.	2	028-12209-000
84	O-RING, 2" I.D.	3	028-14419-000
85	O-RING, 3-1/4" I.D.	2	028-14420-000
86	O-RING, 5-1/4" I.D.	1	028-14403-000
89	O-RING, 3-1/2" I.D.	1	028-14404-000
90	O-RING, 4-3/8" I.D.	1	028-13111-000
91	O-RING, 6" I.D.	1	028-14405-000
92	O-RING, 12" I.D.	1	028-14411-000
93	O-RING, 20" I.D.	1	028-14413-000
94	O-RING, 19" I.D.	1	028-14414-000
95	O-RING, 22" I.D.	1	028-14406-000
96	O-RING, .351" I.D.	2	028-13832-000
97	O-RING, .468" I.D. X .078"	7	028-11195-000
98	O-RING, .468" I.D. X .087"	1	028-12961-004
99	O-RING, 1.171" I.D. X .116"	1	028-12961-008

† Item Numbers as shown on pages 18 through 20.

O-RING KIT 464-50155-000

MODELS HF40 & HF44

ITEM†	DESCRIPTION	QUANTITY	PART NO.
82	O-RING, 5/16" I.D.	3	028-12513-000
83	O-RING, .301" I.D.	2	028-12209-000
84	O-RING, 2" I.D.	3	028-14419-000
85	O-RING, 3 1/4" I.D.	2	028-14420-000
86	O-RING, 5 1/4" I.D.	1	028-14403-000
89	O-RING, 3-1/2" I.D.	1	028-14404-000
90	O-RING, 4-3/8" I.D.	1	028-13111-000
91	O-RING, 6" I.D.	1	028-14405-000
92	O-RING, 13" I.D.	1	028-14412-000
93	O-RING, 20" I.D.	1	028-14413-000
94	O-RING, 19" I.D.	1	028-14414-000
95	O-RING, 22" I.D.	1	028-14406-000
96	O-RING, .351" I.D.	2	028-13832-000
97	O-RING, .468" I.D. X .078"	7	028-11195-000
98	O-RING, .468" I.D. X .087"	1	028-12961-004
99	O-RING, 1.171" I.D.	1	028-12961-008

** Item Numbers as shown on pages 18 through 20.

HF41 O-RING KIT

PART NO. 464-50435-000

ITEM†	DESCRIPTION	QTY.	PART NO.
82	O-RING 5/16" I.D.	3	028-12513-000
83	O-RING .301" I.D.	2	028-12209-000
84	O-RING 2" I.D.	3	028-14419-000
85	O-RING 3 1/4" I.D.	2	028-14420-000
86	O-RING 5 1/4" I.D.	1	028-14403-000
89	O-RING 3 1/2" I.D.	1	028-14404-000
90	O-RING 4 3/8" I.D.	1	028-13111-000
91	O-RING 6" I.D.	1	028-14405-000
92	O-RING 18" ID X 18 1/4" O.D.	1	028-12257-000
93	O-RING 19.719" I.D.	1	028-12227-000
94	O-RING 19" I.D.	1	028-14414-000
95	O-RING 22" I.D.	1	028-14406-000
96	O-RING .351" I.D.	2	028-13832-000
98	O-RING .468" I.D. X .087"	1	028-12961-004
99	O-RING 1.171" I.D. X .116"	1	028-12961-008

** Item Numbers as shown on pages 29 through 31.

