

YORK®

RENEWAL PARTS

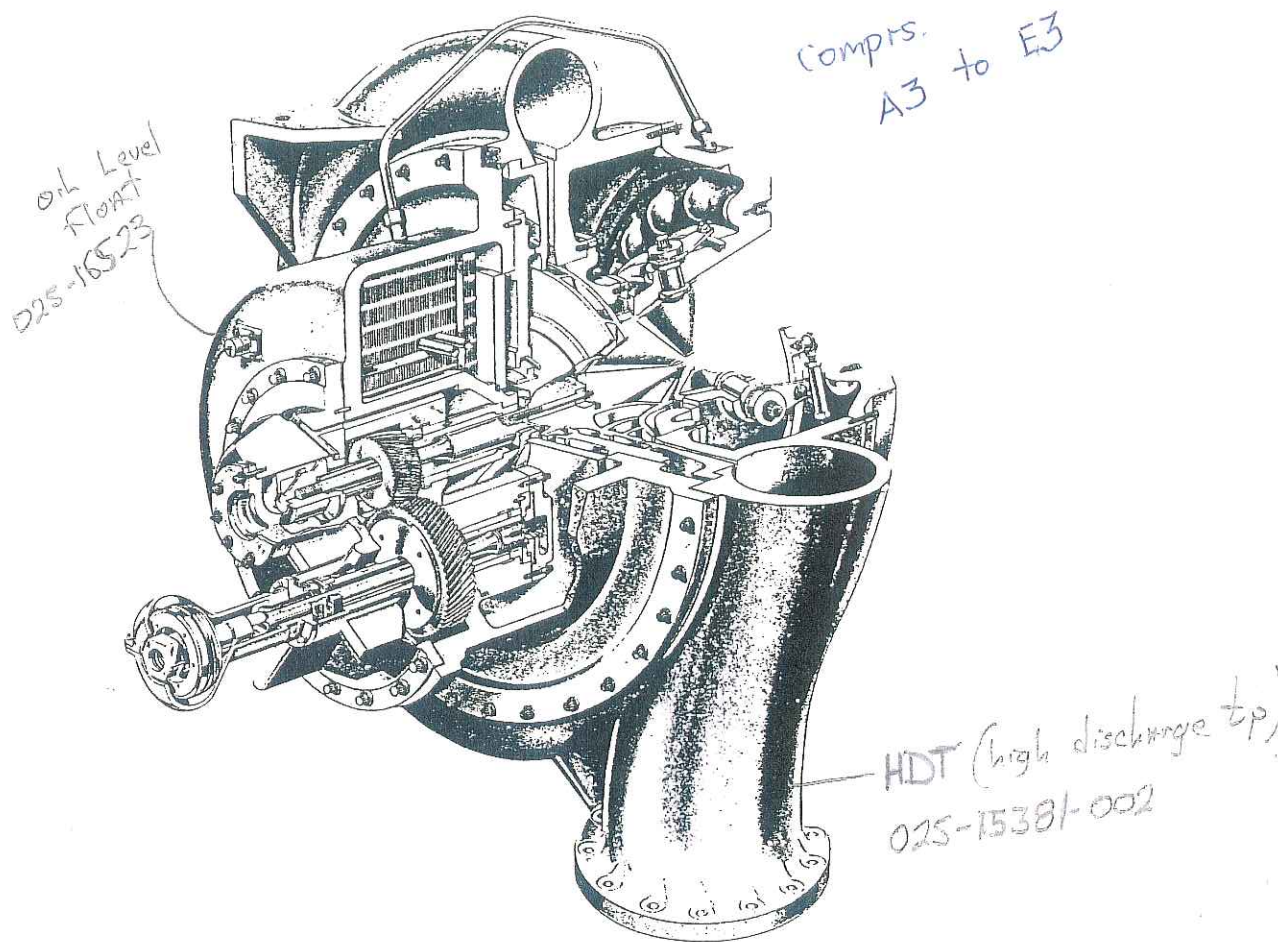
SECTION 2

OPEN TURBOPAK CENTRIFUGAL LIQUID CHILLING UNITS

Supersedes: 160.58-RP (Sect. 2) 1073

684

Form 160.58-RP (Sect. 2)

MODELS OT A1 A3 THRU OT K3 E3(STYLE A)**COMPRESSORS****MODELS LTD53 THRU LTD126**

REFER TO COMPLETE PARTS LIST PAGES 3 THRU 9 FOR REPLACEMENT COMPRESSOR PARTS. THE VARIOUS UNITS ARE LISTED WITH THEIR RESPECTIVE COMPRESSOR. TO LOCATE PARTS USE THE PARTS LIST, VARIABLE PARTS TABLE AND FIG'S. LISTED ON THE CHART BELOW.

COMPR. CODE	COMPR. MODEL	PART NO'S.		VARIABLE PARTS		SEE FIG'S.
		60 CYCLE	50 CYCLE	TABLE	PAGE	
A3	LTD53	364-38933-002	364-38933-002 364-38933-006	1	10	1 THRU 8
A4	LTD59	364-38933-004	364-38933-004 364-38933-008			
B1	LTD67	364-39934-002	364-39934-002	2	16	9 THRU 17
B2	LTD76	364-39934-004	364-39934-004			
C1	LTD85	364-38935-002	364-38935-005	3	22	18 THRU 26
C2	LTD95	364-38935-003 364-38934-004	364-38935-004			
E1	LTD108	364-38936-002	364-38936-002	4	28	27 THRU 33
E2	LTD120	364-38936-004	364-38936-004			
E3	LTD126	364-38936-006	364-38936-006			

OPEN COMPRESSOR PARTS LIST

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
1	Rotor, Scroll Housing	064-32534	1	064-32513	1	064-12167	1	See Table 4	1
2	Prerotation Vane Assembly	See Table 1	1	See Table 2	1	See Table 3	1	See Table 4	1
3	Nozzle Plate Base	See Table 1	1	See Table 2	1	See Table 3	1	See Table 4	1
4	Retainer Nozzle Base Plate	—	—	—	—	—	—	See Table 4	1
5	Gasket Retainer to Nozzle Base Plate	—	—	—	—	—	—	See Table 4	1
6	Impeller Seal Ring	See Table 1	1	See Table 2	1	See Table 3	1	See Table 4	1
7	Flat Spring Washer	064-13817	1	See Table 2	1	See Table 3	1	See Table 4	1
8	Retaining Ring, Impeller Seal-Internal	029-08311	1	See Table 2	1	See Table 3	1	—	—
9	Defuser Plate	See Table 1	1	See Table 2	1	See Table 3	1	See Table 4	1
10	Rotor Support/with Bearing Housing	364-39314	1	364-39316	1	364-39318	1	364-39320	1
11	Main Shaft Bearing	† 064-09241	1	■ 064-11642	1	● 064-21465	1	★ 064-22678	1
12	Roll Pin, 1/8 Dia. x 9/16 Lg.	† 029-03990	1	■ 029-03990	1	● 029-03990	1	★ 029-03990	1
13	Pinion Gear Bearing	† 064-12285	1	■ 064-11643	1	● 064-11643	1	★ 064-22663	1
14	Retaining Ring Internal	029-07213	1	029-08496	1	029-08496	1	029-08780	1
15	Bearing Gear Front	† 064-13837	1	■ 064-13845	1	● 064-13845	1	★ 064-22677	1
16	Drive, Gear	See Compr. Name Plate	1	See Compr. Name Plate	1	See Compr. Name Plate	1	See Compr. Name Plate	1
17	Pinion Gear	See Compr. Name Plate	1	See Compr. Name Plate	1	See Compr. Name Plate	1	See Compr. Name Plate	1
18	Drive Shaft	See Table 1	1	064-14971	1	See Table 3	1	064-20142	1
19	Valve Solenoid	025-18350	1	025-18350	1	025-18350	1	025-18350	1
20	Rear Gear Bearing	† 064-12288	1	■ 06 : 11665	1	● 064-11665	1	★ 064-22675	1
21	Internal Retaining Ring	029-08321	1	029-06722	1	029-06722	1	029-08604	1
22	"O" Ring	⊕ 028-04408	2	⊕ 028-04348	2	⊕ 028-04348	2	⊕ 028-05194	2
23	Shaft Seal Collar	⊕ 064-12318-005	1	⊕ 064-12318-007	1	⊕ 064-12318-007	1	⊕ 064-16649-011	1
24	Thrust Bearing	† 064-12284	1	■ 064-11644	1	● 064-11644	1	★ 064-22662	1
25	Thrust Collar - High Speed Oil Pump	† 064-09587	1	■ 064-11654	1	See Table 3	1	★ 064-22713	1
26	"O" Ring	⊕ 028-04409	2	■ 028-04352	1	● 028-04352	1	★ 028-04517	1
27	Oil Pump Cover - High Speed	064-12317	1	064-11660	1	064-11660	1	064-22707	1
28	Pressure Plate - Oil Pump H.S.	064-12548	1	064-11819	1	064-11819	1	064-22984	1
29	Insert Pin - 3/16 Dia. x 1/2 Lg.	029-04138	3	029-04138	2	029-04138	2	029-04138	2
30	Bearing Housing Gasket	† 064-12414	1	■ 064-11802	1	● 064-115515	1	★ 064-23024	1
31	"O" Ring	† 028-04989	1	■ 028-05401	1	● 028-05401	1	—	—
32	"O" Ring - Drive Shaft 1-13/16 I.D. x 3/32 Sect.	See Table 1	1	028-07407	1	028-07407	1	★ 028-04478	1
33	Volute Ring, Low Speed Pump	—	—	—	—	● 064-21467	1	★ 064-13695	1
34	Insert Pin	—	—	—	—	029-07014	1	029-06863	1
35	Oil Pump, Low Speed	064-13828	1	064-13841	1	064-15509	1	064-13911	1
36	Oil Pump Housing	064-13838	1	064-13842	1	—	—	064-15256	1
37	Thrust Plate	—	—	—	—	● 064-14989	1	—	—
38	Back-Up Plate	—	—	—	—	064-14988	1	—	—

† Parts included in Field Replacement Kit - Models LTD63 & LTD59 - Part No. 464-29624

■ Parts included in Field Replacement Kit - Models LTD67 & LTD76 - Part No. 464-29626

● Parts included in Field Replacement Kit - Models LTD85 & LTD95 - Part No. 464-29628

★ Parts included in Field Replacement Kit - Models LTD108, LTD120 and LTD126 - Part No. 464-29630

⊕ Parts included in Shaft Seal Kit - Part No. 464-24257

⊗ Parts included in Shaft Seal Kit - Part No. 464-24258

● Parts included in Shaft Seal Kit - Part No. 464-24258

⊗ Parts included in Shaft Seal Kit - Part No. 464-29632

OPEN COMPRESSOR PARTS LIST (CONTINUED)

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
39	Retaining Ring, Internal	—	—	—	—	029-08736	1	—	—
40	Gasket, 30-1/2 O.D. x 27-1/2 I.D. x 1/16 Thk.	—	—	064-27980	1	● 064-15521	1	—	—
41	Suction, Connection Low Speed Pump	—	—	—	—	064-21476	1	—	—
42	Suction Tube - Low Speed Oil Pump	—	—	—	—	064-15519	1	—	—
43	"O" Ring 1" O.D. x 3/4 I.D. x 1/8 Thk.	—	—	—	—	● 028-03282	2	—	—
44	Inner Seal Plate Gasket	† 070-12260	1	■ 064-11806	1	● 064-12144	1	★ 064-23013	1
45	Seal Plate	064-12259	1	064-11656	1	064-12252	1	064-22964	1
46	Oil Separator Gasket	† 070-15440	1	■ 064-11803	1	● 064-12145	1	★ 064-23014	1
47	Insert Pin	See Item 29	—	029-06855	1	028-06875	1	029-06855	1
48	Rotor Support to Oil Separator Gasket	—	—	—	—	—	—	★ 064-23012	1
49	Oil Separator Plate	064-21066	1	064-20436	1	064-21431	1	See Table 4	1
50	Ring Seal (Impeller)	† 064-21073	1	■ 064-20435	1	● 064-21430	1	See Table 4	1
51	Flat Spring Washer	064-12887	1	064-12887	1	064-21429	1	See Table 4	1
52	Retaining Ring Internal	029-05601	1	029-05601	1	029-08600	1	See Table 4	1
53	Main Shaft (High Speed)	064-12512	1	064-11655	1	See Table 3	1	064-22729	1
54	Impeller	See Table 1	1	See Table 2	1	See Table 3	1	See Table 4	1
55	Impeller Clamping Collar	064-09228	1	064-11659	1	064-21477	1	064-23093	1
56	Special Washer	064-16500	1	064-16500	1	064-21478	1	—	—
57	Cap Screw, 12 Pt. Hd. - 5/8 - 18 UNF x 2-3/4 Lg.	021-12347	1	—	—	—	—	—	—
	Cap Screw, 12 Pt. Hd. - 5/8 - 18 UNF x 3-3/4 Lg.	—	—	021-12151	1	—	—	—	—
	Cap Screw, 12 Pt. Hd. - 3/4 - 16 UNF x 4-3/4 Lg.	—	—	—	—	021-12174	1	—	—
58	Cap Screw, 12 Pt. Hd. - 1/2 - 20 UNF-3A x 6 Lg.	—	—	—	—	—	—	021-11998	4
	Base Plate Nozzle Gasket	† 064-20802	1	■ 064-20660	1	064-21463	1	See Table 4	1
	PRV Gasket to Scroll	—	—	—	—	—	—	★ 064-23008	1
59	Rotor Support Gasket to Scroll	—	—	—	—	—	—	★ 064-23015	1
60	Rotor Support Gasket to Scroll	—	—	—	—	—	—	026-16556	2
61	Plug Sight 1-1/2"	026-16556	2	026-16556	2	—	—	—	—
62	Tube	—	—	064-29595	1	—	—	—	—
63	Tube 3/4 O.D. x .049 Wall	064-27288	2	064-27288	1	064-31782	5	064-27288	1
64	Tube 1/2 O.D. x .049 Wall	—	—	—	—	064-31769	1	064-31769	2
65	Dowel Pin 1/2" Dia. x 2" Lg.	029-10646	3	029-10646	3	029-10646	3	029-10646	3
66	Tube 3/4 O.D. x .049 Wall	—	1	064-38962	1	064-31780	1	064-31781	3
70	"O" Ring - 4-1/4" O.D. x 4 I.D. x 1/8 Sect.	—	—	—	—	028-04349	1	—	—
71	Tubing 1/4" O.D. x .035 Wall	064-31759	1	—	—	—	—	—	—
72	Ell, 45°, 3/4 Tube x 3/4 MPT	023-07264	3	023-07264	2	023-07264	4	023-07264	4
73	Oil Eliminator (Frame Type)	364-13699	1	364-13441	1	364-18474	1	364-23041	1
74	Oil Eliminator (Can Type)	364-13347	1	364-13347	2	364-13347	2	—	—
75	Coupling, 1/2 Tube x 1/2 FPT	023-07559	1	—	—	—	—	—	—
	Coupling, 5/8 Tube x 1/2 FPT	—	—	023-07342	2	—	—	—	—
	Coupling, 3/4 Tube x 1/2 FPT	—	—	—	—	023-07661	2	—	—

† Parts included in Field Replacement Kit - Models LTD53 & LTD59 - Part No. 464-29624

■ Parts included in Field Replacement Kit - Models LTD67 & LTD76 - Part No. 464-29626

● Parts included in Field Replacement Kit - Models LTD85 & LTD95 - Part No. 464-29628

★ Parts included in Field Replacement Kit - Models LTD108, LTD120 and LTD126 - Part No. 464-29630

OPEN COMPRESSOR PARTS LIST (CONTINUED)

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
76	Special Connection	064-07937	1	064-07317	2	—	—	064-07315	2
77	Coupling, 5/8 Tube x 1/2 FPT	023-07342	1	—	—	—	—	—	—
78	Pipe Plug, Hex. Socket Head - 1/2	023-01994	3	023-01994	2	023-01994	3	023-01994	4
79	Pipe Plug, 1/4 - 18 NPT	023-01972	4	023-01972	4	023-01972	4	023-01972	4
80	Pipe Plug, 1"	—	—	—	—	—	—	023-05909	1
81	Pipe Plug, 1-1/4"	—	—	023-02015	3	—	—	—	—
82	Pipe Plug, 2"	023-02027	1	—	—	023-02027	2	023-02027	3
83	Pipe Plug, 3/8 (Sq. Hd.)	023-09908	1	023-09908	1	023-09908	1	023-09908	1
84	Pipe Plug, 3/4 - 14 NPT, Sq. Csk.	023-04208	2	—	—	—	—	—	—
85	Pipe Plug, 3/4 - NPT	—	—	023-04053	1	023-04053	1	—	—
86	Pipe Plug, 1/2 Sq. Hex.	—	—	023-03822	1	—	—	023-03822	1
87	Plug 1-1/16-12 UNF-2 With "O" Ring* (028-07848)	023-07063	1	023-07063	1	023-07063	1	023-07063	1
88	Flareless Plug With "O" Ring* (028-07759)	023-07158	1	023-07158	1	023-07158	1	—	—
89	Gasket	† 064-26781	1	■ 064-26781	1	● 064-26781	1	★ 064-26781	1
90	Oil Filter Cover	064-26780	1	064-26780	1	064-26780	1	064-26780	1
91	Tubing, 1/2 O.D. x .049 Wall	064-31771	1	064-31770	3	064-31498	1	—	—
92	Tubing, 3/8 O.D. x .049 Wall	064-31762	1	064-31762	1	064-31763	1	—	—
93	Tubing, 5/8 O.D. x .049 Wall	—	—	064-31777	2	064-31497	1	—	—
94	Tubing, 5/8 O.D. x .049 Wall	064-31777	1	064-31775	1	—	—	—	—
95	Tubing, 5/8 O.D. x .049 Wall	064-31776	1	064-21857	1	—	—	—	—
96	Connection - Vent Tube	064-15981	1	—	—	064-15533	1	—	—
97	Extension Tube	064-13895	1	064-14316	1	—	—	—	—
98	"O" Ring, 1-3/8 O.D. x 1-1/8 I.D. x 1/8 Sect.	† 028-04353	1	■ 028-04353	2	● 023-04353	1	★ 028-04353	1
99	"O" Ring, 1-7/8 O.D. x 1-5/8 I.D. x 1/8 Sect.	† 028-04861	1	■ 028-04861	1	—	—	—	—
100	"O" Ring, 1" O.D. x 7/8 I.D. x 1/16 Sect.	† 028-06932	1	—	—	—	—	—	—
103	"O" Ring, 1-1/4 O.D. x 1 I.D. x 1/8 Sect.	† 028-04522	2	■ 028-04522	2	● 028-04522	1	★ 028-04522	1
104	Adapter	064-20636	1	064-20636	1	—	—	—	—
105	Gasket, Oil Jet Pump	† 064-12101	1	■ 064-12101	1	—	—	—	—
106	Elbow, Screw 90° - 3/4 FPT	023-04313	2	023-04313	3	023-04313	1	023-04313	1
107	Elbow, Cinch 90°	023-06817	1	023-06817	1	023-06817	1	023-06817	1
109	Elbow, Screw 90° - 3/8 MPT	023-04311	1	—	—	—	—	—	—
110	Elbow, 90°, 5/8 Tube x 1/2 MPT	023-06818	5	023-06818	2	023-06818	1	—	—
111	Elbow, 90°, 1/2 Tube x 3/8 MPT	023-06816	1	—	—	—	—	023-06816	1
112	Elbow, 45°, 3/8 Tube x 1/4 MPT	—	—	023-07092	1	—	—	—	—
113	Elbow, 45°, 1/2 Tube x 3/8 MPT	—	—	023-07172	2	—	—	—	—
114	Elbow, 90°, 3/4 Tube x 3/4 FPT	—	—	023-08383	1	—	—	—	—
115	Elbow, 90°, 3/4 Tube x 3/4 MPT	023-06820	—	023-06820	1	023-06820	4	023-06820	3

*Part of Field Replacement Kit

† Parts included in Field Replacement Kit - Models LTD53 & LTD59 - Part No. 464-29624

■ Parts included in Field Replacement Kit - Models LTD67 & LTD76 - Part No. 464-29626

● Parts included in Field Replacement Kit - Models LTD85 & LTD95 - Part No. 464-29628

★ Parts included in Field Replacement Kit - Models LTD108, LTD120 and LTD126 - Part No. 464-29630

OPEN COMPRESSOR PARTS LIST (CONTINUED)

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
116	Elbow, Screw 45°, 3/4 NPTI x 3/4 NPTI	023-04321	1	—	—	—	—	023-04321	2
117	Elbow, 3/4 NPTI x 1/2 NPTI	023-04761	1	023-04761	1	—	—	023-04761	1
118	Elbow, 90°, 1/4 Tube x 1/4 MPT	023-06813	1	—	—	—	—	—	—
119	Elbow, Street 90°, 3/8	—	—	—	—	023-05811	1	—	—
120	Elbow, Cinch Type 90°, 3/4 T x 3/4 T	—	—	—	—	—	—	023-09506	2
121	Elbow, Street, 90°, 3/4	—	—	—	—	023-06725	2	—	—
122	Connector, 3/4 Tube x 3/4 NPTI	023-08794	1	023-08794	1	023-08794	1	023-08794	1
123	Connector, 3/4 Tube x 3/4 MPT	023-06807	1	023-06807	1	023-06807	1	—	—
124	Connector, 3/8 Tube x 3/8 MPT	023-06802	1	—	—	—	—	—	—
125	Connector, 1/2 Tube x 3/8 MPT	—	—	023-06803	2	023-06803	1	023-06803	1
126	Connector, Cinch 1/2 MPT x 1/2 T	—	—	—	—	023-06804	1	023-06804	1
127	Connector, 5/8 O.D. x 1/2 NPTE	023-06805	1	023-06805	3	023-06805	1	023-06805	2
128	Connector, 3/8 Tube x 1/4 NPT	—	—	—	—	023-06801	1	—	—
129	Tee, Screw 3/4 x 3/4 x 1/2	023-04357	1	—	—	—	—	023-04357	2
130	Tee, Screw 3/4 x 3/8 x 3/4	023-04353	1	—	—	—	—	—	—
131	Tee, Screw 3/4 x 1/2 x 3/8	023-04832	2	023-04832	1	023-04832	1	—	—
132	Tee, Screw 3/4	—	—	023-04337	1	023-04337	1	—	—
133	Tee, Screw 3/4 x 1/2 x 1/2	—	—	—	—	—	—	023-04358	1
134	Tee, Screw 3/8 x 1/4 x 3/8	—	—	—	—	—	—	023-04344	1
135	Cross, 3/4 NPTI	—	—	023-04329	1	023-04329	1	—	—
136	Valve, Stop Angle 3/4	022-03850	3	022-03850	3	022-03850	3	022-03850	3
137	Bushing, 3/4 M.P.T. x 1/2 F.P.T.	—	—	023-04010	2	—	—	—	—
138	Valve, Stop Angle 3/8 Type 1	022-03849	1	022-03849	1	022-03849	1	022-03849	1
139	Valve, Stop Angle 1/4 Flare x 1/4 NPT	022-03836	1	022-03836	1	022-03836	1	022-00009	1
140	Valve, Check 3/8 FPT (In) x 3/8 MPT (Out)	022-02417	1	022-02417	1	022-02417	1	—	—
141	Valve, Check 3/8 MPT (In) x 3/8 MPT (Out)	—	—	—	—	—	—	022-02042	1
142	Oil Filter	026-15749	1	026-15749	1	026-15749	1	026-13831	1
143	Oil Filter Element	† 026-14642	1	026-14642	1	026-14642	1	* 026-11225	1
144	Jet Oil Pump	364-13893	1	364-13873	1	364-13873	1	364-13880	1
145	Nipple, Pipe - 1/2 Sch. 80 x 1-1/8 Lg.	067-39601	2	067-39601	2	067-39601	2	067-39601	2
146	Nipple, Pipe - 3/4 Sch. 80 x 2 Lg.	070-16054	3	070-16054	1	—	—	—	—
147	Nipple, Pipe - 3/8 Sch. 80 x 1-1/2 Lg.	070-00806	1	—	—	—	—	—	—
148	Nipple, Pipe - 1/2 Sch. 80 x 2 Lg.	067-39603	1	—	—	—	—	—	—
149	Nipple, Pipe - 3/4 Sch. 80 x 1-3/8 Lg.	070-01541	3	070-01541	4	070-01541	2	070-01541	4
150	Nipple, Pipe - 3/4 Sch. 80 x 2-1/2 Lg.	—	—	—	—	070-11191	1	—	—
151	Nipple, Pipe - 3/4 Sch. 80 x 4-1/2 Lg.	—	—	070-01556	1	—	—	—	—
152	Nipple, Pipe - 3/4 Sch. 80 x 3 Lg.	—	—	—	—	070-16055	1	—	—
153	Nipple, Pipe - 3/4 Sch. 80 x 4 Lg.	—	—	070-12557	1	—	—	—	—
154	Nipple, Pipe - 3/4 Sch. 80 x 9 Lg.	—	—	—	—	—	—	—	—
155	Nipple, Pipe - 3/8 Sch. 80 x 1" Lg.	070-00773	1	—	—	—	—	—	—

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* Parts included in Field Replacement Kit - Models LTD85 & LTD95 - Part No. 464-29628

* Parts included in Field Replacement Kit - Models LTD108, LTD120 and LTD126 - Part No. 464-29630

OPEN COMPRESSOR PARTS LIST (CONTINUED)

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
156	Bushing, Pipe, 3/8 MPT x 1/4 NPT	023-05810	1	—	—	—	—	—	—
157	Bushing, Pipe, 3/4 x 1/2	—	—	—	—	023-04010	2	023-04010	1
158	Bushing, Pipe, OD Hex 3/4 x 1/4	—	—	023-04039	1	023-04039	1	—	—
159	Bushing, Pipe, 3/4 NPTE x 3/8 NPTI	—	—	023-04016	1	—	—	—	—
160	Bushing, Pipe, 3/8 x 1/2 NPT	—	—	—	—	—	—	023-03987	1
161	Control Shaft	029-11856	1	029-11856	1	029-11856	1	029-11856	1
162	Gasket, 2-1/2 O.D. x 2 I.D. x 1/16 Thk.	† 028-00781	1	028-00781	1	028-00781	1	★ 028-00781	1
163	Shaft Control Cover	064-13909	1	064-13909	1	064-13909	1	064-13909	1
164	Special Washer	064-08815	1	064-08815	1	064-08815	1	064-08815	1
165	Screw, Cap 12 Pt. Hd. 1/2 - 20 UNF x 6 Lg.	021-11998	1	021-11998	1	021-11998	1	See Item 57	1
166	Lever, PRV Device Internal	364-28447	1	364-20399	1	364-21442	1	364-22708	1
167	Lever, PRV Device	See Figs. 9 & 10	1	See Figs. 18 & 19	1	See Figs. 27 & 28	1	See Figs. 35 & 36	1
168	Pin Insert, 3/32 Dia. x 3/8 Lg.	029-04551	2	029-04551	2	029-04551	2	029-04551	2
169	Screw, Special, 3/8 - 24 UNF x 1-5/8 Lg.	064-10825	1	064-10825	1	—	—	—	—
170	Screw, Special, 3/8 - 24 UNF x 2-3/4 Lg.	064-28428	1	—	—	—	—	—	—
171	Screw, Special, 1/2 - 20 UNF x 5-3/8 Lg.	—	—	—	—	—	—	—	—
172	Fill Piece	064-28446	1	064-12328	3	064-09078	1	—	—
173	Fill Piece	064-10821	1	—	—	064-09070	1	064-09070	2
174	Lockwasher, Spring, 3/8	021-05269	1	021-10815	1	064-09069	1	—	—
175	Lockwasher, Spring, 1/2	—	—	—	—	—	—	—	—
176	Pin, Gutter 3/32 Dia. x 3/4 Lg.	021-01083	1	021-01083	1	021-01083	1	021-01083	2
177	Nut, Hex. Reg. 3/8 - 24 UNF	021-00474	3	—	—	—	—	—	—
178	Nut, Hex. Reg. 1/2 - 20 UNF	—	—	—	—	021-10171	3	021-10171	2
179	Rod, Adjustable	064-10823	1	064-12314	1	064-09080	1	064-09080	1
180	Bearing, Rod End Spherical	029-08343	2	029-08343	2	029-07015	2	029-07015	2
181	Screw, Special 1/2 - 20 UNF - 3 x 1-3/4 Lg.	—	—	—	—	064-09079	1	064-09079	2
182	Screw, Cap Hex. Hd., 1/4-20 UNC-2A x 3/4 Lg.	—	—	—	—	—	—	021-01379	2
183	Screw, Cap Hex. Hd., 1/4-20 x 1" Lg.	021-11914	2	021-11914	1	021-11914	2	—	—
184	Screw, Cap Hex. Hd., 1/4-20 x 1-1/2 Lg.	—	—	021-02399	1	—	—	—	—
185	Screw, Cap 12 Pt. Hd. 5/16-24 UNF x 1-3/4 Lg.	021-11532	1	021-11532	1	021-11532	1	021-11532	1
186	Reducer Screw 3/4 x 1/2	023-09845	1	023-09845	1	023-09845	1	—	—
187	Screw, Cap 12 Pt. Hd., 5/16-18 UNC x 1" Lg.	021-12039	4	021-12039	4	021-12039	4	021-12039	4
188	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 1" Lg.	021-11149	6	—	—	—	—	—	—
189	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 1-1/4 Lg.	021-11141	19	021-11141	21	021-11141	4	021-11141	10
190	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 1-1/2 Lg.	021-11175	13	021-11175	11	021-11175	8	021-11175	32
191	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 1-3/4 Lg.	021-11916	5	—	—	021-11916	20	021-11916	14
192	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 7/8 Lg.	021-11139	4	021-11139	4	—	—	—	—
193	Screw, Cap 12 Pt. Hd., 3/8-16 UNC-3A x 2" Lg.	—	—	021-11917	6	—	—	—	—
194	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 2-1/4 Lg.	—	—	—	—	021-11920	2	—	—
195	Screw, Cap 12 Pt. Hd., 3/8-24 NF x 1" Lg.	—	—	—	—	021-11103	6	—	—

† Parts included in Field Replacement Kit - Models LTD53 & LTD59 - Part No. 464-29624

★ Parts included in Field Replacement Kit - Models LTD67 & LTD76 - Part No. 464-29626

● Parts included in Field Replacement Kit - Models LTD85 & LTD95 - Part No. 464-29628

* Parts included in Field Replacement Kit - Models LTD108, LTD120 and LTD126 - Part No. 464-29630

OPEN COMPRESSOR PARTS LIST (CONTINUED)

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
196	Screw, Cap 12 Pt. Hd., 3/8-16 UNC-3A x 1-1/8 Lg.	—	—	—	—	—	—	021-11148	24
197	Screw, Cap 12 Pt. Hd., 1/2-13 UNC-3A x 1-1/2 Lg.	—	—	—	—	—	—	021-11933	30
198	Screw, Cap 12 Pt. Hd., 5/8-11 UNC x 1-1/2 Lg.	021-11159	21	021-11159	28	—	—	—	—
199	Screw, Cap 12 Pt. Hd., 3/8-24 UNF x 7/8 Lg.	—	—	021-11498	6	—	—	—	—
200	Screw, Cap 12 Pt. Hd., 5/8-11 UNC x 1-3/4 Lg.	021-11127	18	—	—	—	—	—	—
201	Screw, Cap 12 Pt. Hd., 5/8-16 UNC-2 x 3-1/2 Lg.	021-11673	3	—	—	—	—	—	—
202	Screw, Cap 12 Pt. Hd., 3/4-10 UNC-3A x 2-1/4 Lg.	—	—	021-11980	2	—	—	021-11980	96
203	Screw, Cap 12 Pt. Hd., 3/4-10 UNC-3A x 2-1/2 Lg.	—	—	—	—	—	—	—	—
204	Screw, Cap 12 Pt. Hd., 5/8-11 UNC x 2" Lg.	—	—	—	—	021-11971	36	—	—
205	Screw, Cap 12 Pt. Hd., 1/4-20 UNC x 1" Lg.	—	—	—	—	—	—	—	—
206	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 3/4 Lg.	—	—	—	—	—	—	—	—
207	Screw, Cap 12 Pt. Hd., 3/4-10 UNC x 2" Lg.	—	—	021-11736	14	021-11736	16	—	—
208	Screw, Cap 12 Pt. Hd., 3/8-16 UNC x 1-3/8 Lg.	—	—	021-11986	4	021-11986	4	—	—
209	Screw, Cap 12 Pt. Hd., 3/8-24 UNF x 1-1/2 Lg.	—	—	—	—	021-11720	3	—	—
210	Screw, Mach. Prr. Hd. No. 10-24 UNC x 3/8 Lg.	021-03745	1	021-03745	1	021-03745	1	—	—
211	Screw, Mach. Prr. Hd. No. 10-24 UNC x 5/8 Lg.	—	—	021-01785	1	021-01785	2	021-01785	1
212	Screw, Mach. Prr. Hd. No. 10-24 UNC x 1/4 Lg.	—	—	—	—	—	—	021-12061	1
213	Screw, Mach. Prr. Hd. No. 10-24 UNC x 3/4 Lg.	021-01797	1	—	—	—	—	—	—
214	Screw, Cap Hex. Hd., 5/16-18 UNC x 3/4 Lg.	021-01418	4	021-01418	4	021-01418	4	021-01418	4
215	Screw, Cap Hex. Hd., 1/2-13 UNC-2A x 1-1/4 Lg.	—	—	—	—	—	—	021-01567	2
216	Screw, Cap Hex. Hd., 1/2-13 UNC-2A x 1-1/2 Lg.	—	—	021-01572	2	—	—	—	—
217	Screw, Drive No. 4 x 1/4 Lg.	021-03720	10	021-03720	10	021-03720	10	021-03720	10
218	Nut, Hex - 1/4-20 UNC	021-00450	2	021-00450	2	021-00450	2	021-00450	2
219	Nut, Hex - 5/16-18 UNC	021-00461	4	021-00461	4	021-00461	4	021-00461	4
220	Nut, Flare 1/4	021-05675	1	021-05675	1	021-05675	1	—	—
221	Bonnet, Flare 1/4	023-01024	1	023-01024	1	023-01024	1	—	—
222	Nut, Hex - 1/2-13 UNC	—	—	021-00482	2	—	—	—	—
223	Washer, Plain 21/32 x 1-5/16 x .095 Thk.	021-01239	1	—	—	—	—	—	—
224	Washer, 1/2 O.D. x 17/64 I.D. x .016 Thk.	021-11973	10	021-11973	10	021-11973	10	021-11973	10
225	Washer, Flat	064-11649	6	064-11649	6	—	—	—	—
226	Washer, Plain 3/16 O.D. x 13/32 x .065 Thk.	—	—	—	—	—	—	021-01274	6
227	Washer, Plain 13/16 O.D. x 1-1/2 I.D. x .134 Thk.	—	—	021-05157	3	—	—	—	—
228	Washer, Plain 11/32 I.D. x 11/16 O.D. x .065 Thk.	021-05166	8	021-05166	8	021-05166	8	—	—
229	Lockwasher, 1/2"	—	—	021-05271	2	—	—	—	—
230	Lockwasher, Spring, 5/16"	—	—	—	—	—	—	021-05290	4
231	Lockwasher, Spring, 1/2"	—	—	—	—	—	—	021-05293	2
232	Auxiliary Oil Pump	See Page 43	1	See Page 43	1	See Page 43	1	See Page 43	1
233	Bracket, Aux. Oil Pump	364-29150	1	364-25344	1	364-25431	1	364-25750	1
234	Rotation Name Plate	029-00334	1	029-00334	1	029-00334	1	029-00334	1
235	Clip, Top	—	—	221-11600	1	—	—	—	—

OPEN COMPRESSOR PARTS LIST (CONTINUED)

Item No.	Description	Model LTD 53 - 59		Model LTD 67 - 76		Model LTD 85 - 95		Model LTD 108 - 120 - 126	
		YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.	YORK Part No.	Quan.
236	Carbon Shaft Seal	—	—	—	—	—	—	⊕ 064-16651-011	1
237	Ring, Shaft Seal	⊕ 064-15385-006	1	⊕ 064-15385-008	1	⊕ 064-15385-008	1	⊕ 064-16650-011	1
238	Helical Spring	⊕ 029-11568-002	1	⊕ 029-11568-001	1	⊕ 029-11568-001	1	⊕ 029-09095	1
239	Cover Shaft Seal	⊕ 064-22942	1	⊕ 064-22929	1	⊕ 064-22929	1	⊕ 064-22975	1
240	Gasket	064-22742	1	■ 064-22706	1	● 064-22706	1	⊕ 064-23108	1
241	Coupling Guard	—	—	—	—	—	—	—	—
242	Coupling	—	—	—	—	—	—	—	—
243	Spacer Coupling	064-22743	1	064-22704	1	064-22704	1	—	—
244	Gasket	—	—	■ 064-22705	1	—	—	—	—
245	Plunger, Oil Relief Valve	064-14790	1	064-14790	1	064-14790	1	064-14790	1
246	Spring, Helical	029-06143	1	029-06143	1	029-06143	1	029-06143	1
247	Gasket	† 028-03021	1	■ 028-03021	1	● 028-03021	1	* 028-03021	1
248	Oil Relief Valve Seal Cap	065-06394	1	065-06394	1	065-06394	1	065-06394	1
249	Nut, Hex 1/2-13 UNC	—	—	—	—	—	—	021-00485	2
250	"O" Ring, 4-1/4 x 4 x 1/8 Sect.	—	—	⊕ 028-04349	1	—	—	—	—
251	Nut, Hex 3/8-24 UNF	—	—	021-00474	2	—	—	—	—
252	Fill Piece	064-23087	3	—	—	—	—	—	—
253	Bracket, Oil Filter Mounting	—	—	064-25439	1	—	—	—	—
254	Bracket Mounting Junction Box	—	—	064-25512	1	064-25512	1	—	—
255	Locktite - "Nut Lock" Type CV (4-10)	013-01678	As Req'd.	013-01678	As Req'd.	013-01678	As Req'd.	013-01678	As Req'd.
256	Name Plate, Data	029-13380	1	029-13380	1	029-13380	1	029-13380	1
257	Name Plate, Patent	029-13270-002	1	029-13270-002	1	029-13270-002	1	029-13270-002	1
258	Tube 3/4 O.D. x .049 Wall	—	—	—	—	—	—	064-31783	1
259	Tube 3/4 O.D. x .049 Wall	—	—	—	—	—	—	064-31782	2
260	Nip, Pipe 3/4 Sch. 80 x 2" Lg.	—	—	—	—	—	—	070-16054	1
261	Elbow, Scr. St. 3/4 NPTE x 3/4 NPTI	—	—	—	—	—	—	023-06725	1
262	Coupling Pipe 3/4	—	—	023-01570	1	—	—	023-01570	2
263	Gasket, Round	064-26777	1	—	—	064-29866	1	—	—
264	Scr. Cap 12 Pt. Hd., 5/8-11 x 1-3/4 Lg.	—	—	021-11127	4	—	—	—	—
265	Plug, Pipe Sq. Soc. Hd. 1-1/2	—	—	023-02021	1	—	—	—	—
266	Conn. Oil Pump Disch.	064-34443	1	—	—	—	—	—	—
267	Conn. Oil Pump Suct.	064-34444	1	—	—	—	—	064-21857	1

† Parts included in Field Replacement Kit - Models LTD53 & LTD59 - Part No. 464-29624

■ Parts included in Field Replacement Kit - Models LTD67 & LTD76 - Part No. 464-29626

● Parts included in Field Replacement Kit - Models KTD85 & LTD95 - Part No. 464-29628

⊕ Parts included in Field Replacement Kit - Models LTD108, LTD120 and LTD126 - Part No. 464-29630

† Parts included in Shaft Seal Kit - Part No. 464-24257

⊕ Parts included in Shaft Seal Kit - Part No. 464-24258

● Parts included in Shaft Seal Kit - Part No. 464-24259

⊕ Parts included in Shaft Seal Kit - Part No. 464-29632

COMPRESSOR—MODELS LTD53 AND LTD59

SHAFT END VIEW

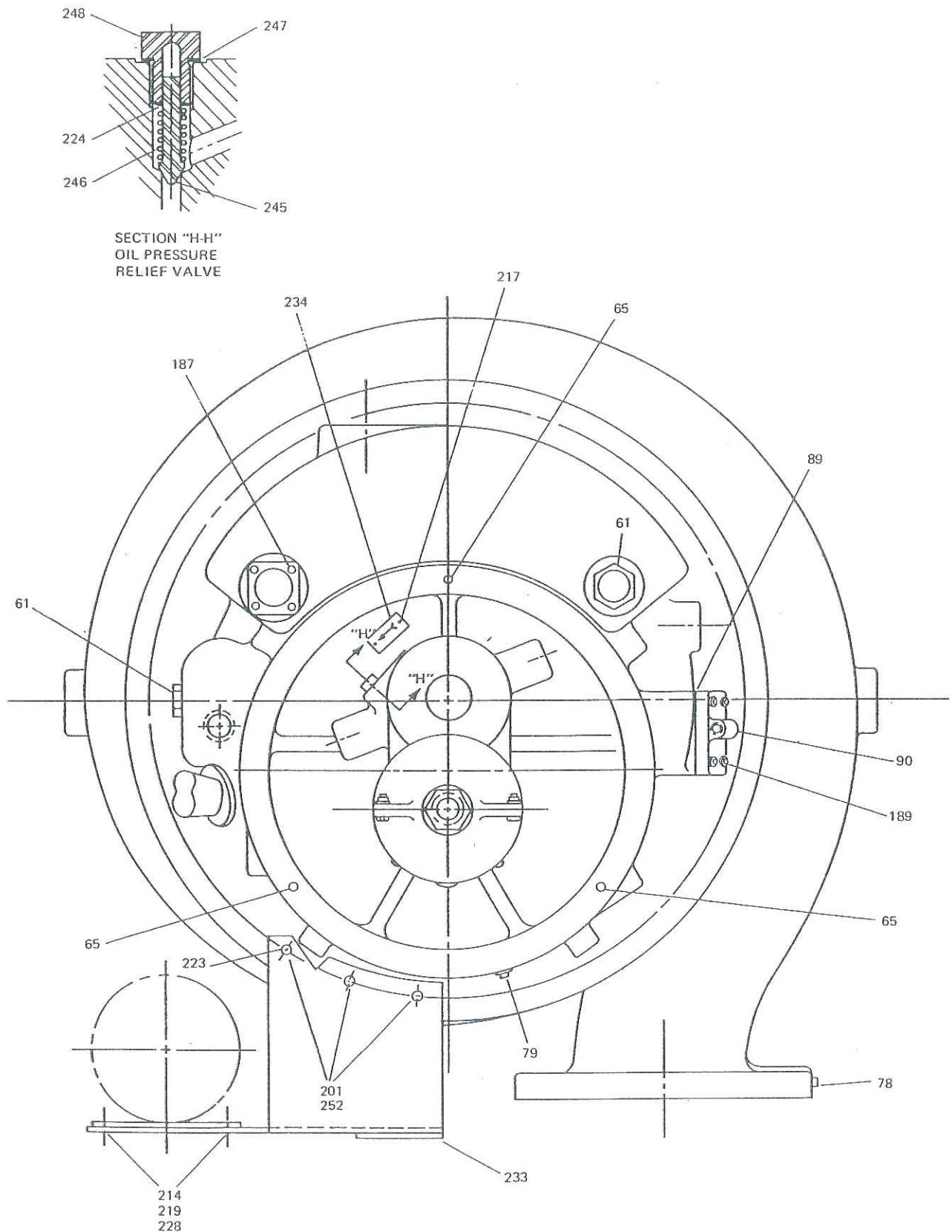


FIG. 2 — SHAFT END VIEW AND CUTAWAY VIEW OF COMPRESSORS — MODELS LTD53 AND LTD59

COMPRESSOR—MODELS LTD53 AND LTD59

CUTAWAY VIEW

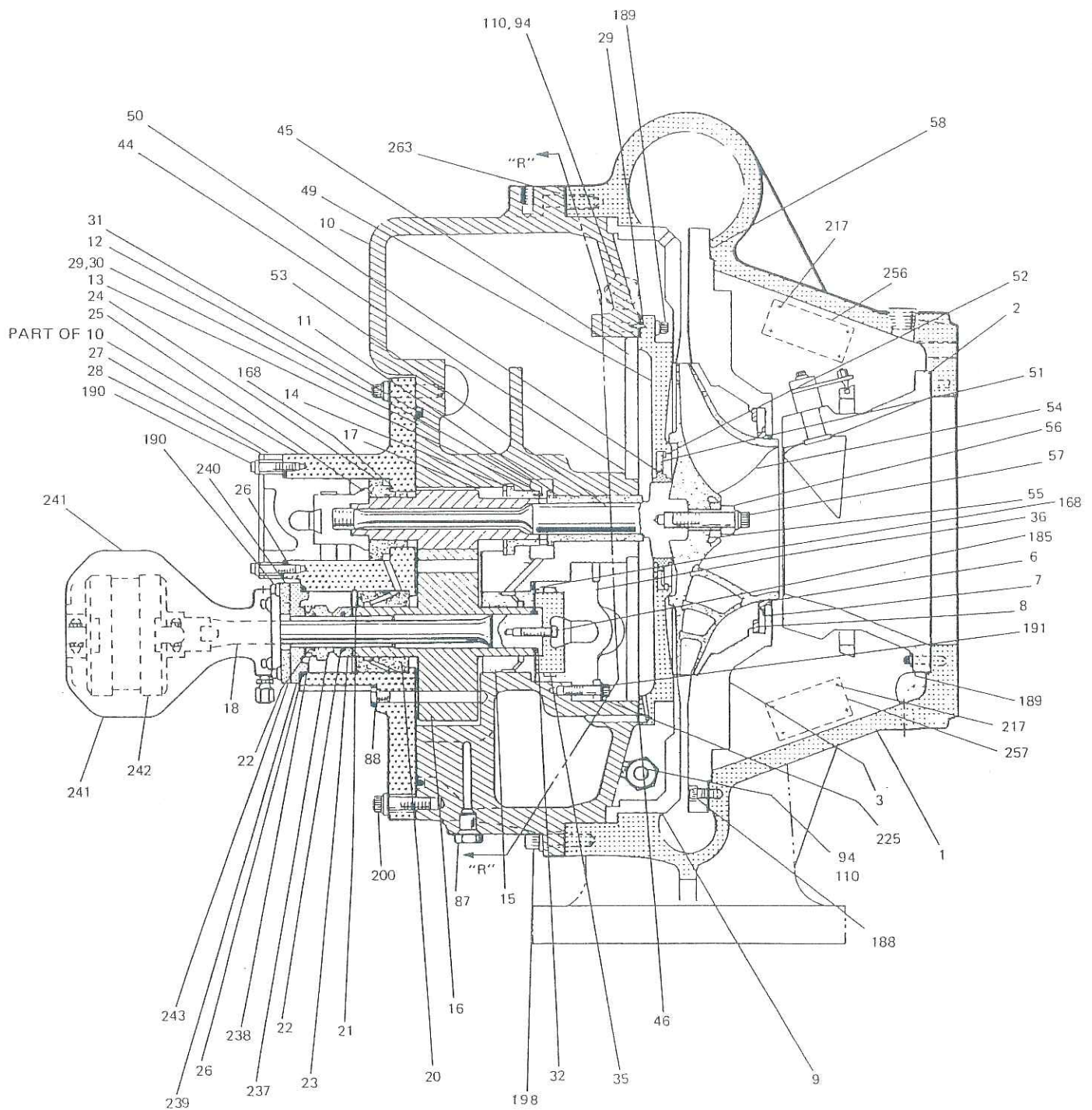


FIG. 2— (CONT'D)

COMPRESSORS—MODELS LTD53 AND LTD59

TABLE 1— VARIABLE PARTS

ITEM NO.	DESCRIPTION	60 CYCLE				50 CYCLE			
		MODEL LTD53		MODEL LTD59		MODEL LTD53		MODEL LTD59	
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.
2	PREROTATION VANE ASSEMBLY	364-15261	1	364 15262	1	364 15261	1	364 15262	1
3	NOZZLE BASE PLATE	064 20800	1	064-20801	1	064-20800	1	064-20801	1
6	IMPELLER SEAL RING	064-13815	1	064-13816	1	064-13815	1	064-13816	1
9	DEFUSER PLATE	064-12769	1	064-12768	1	064-12769	1	064-12768	1
18	DRIVE SHAFT	064-15471	1	064-15471	1	064-27518	1	064-27518	1
32	"O"-RING DRIVE SHAFT	1028 04479	1	1028 04479	1	1028-08270	1	1028-08270	1
54	IMPELLER	064 12306	1	064-12305	1	064-12306	1	064-12305	1
241	COUPLING GUARD	364-33571	1	364-33571	1	364-33576	1	364-33576	1
242	COUPLING	364-06398	1	364-06398	1	364-27522	1	364-27522	1

1 PARTS INCLUDED IN FIELD REPLACEMENT KIT — MODELS LTD53 & LTD59 — PART NO. 464-29624.

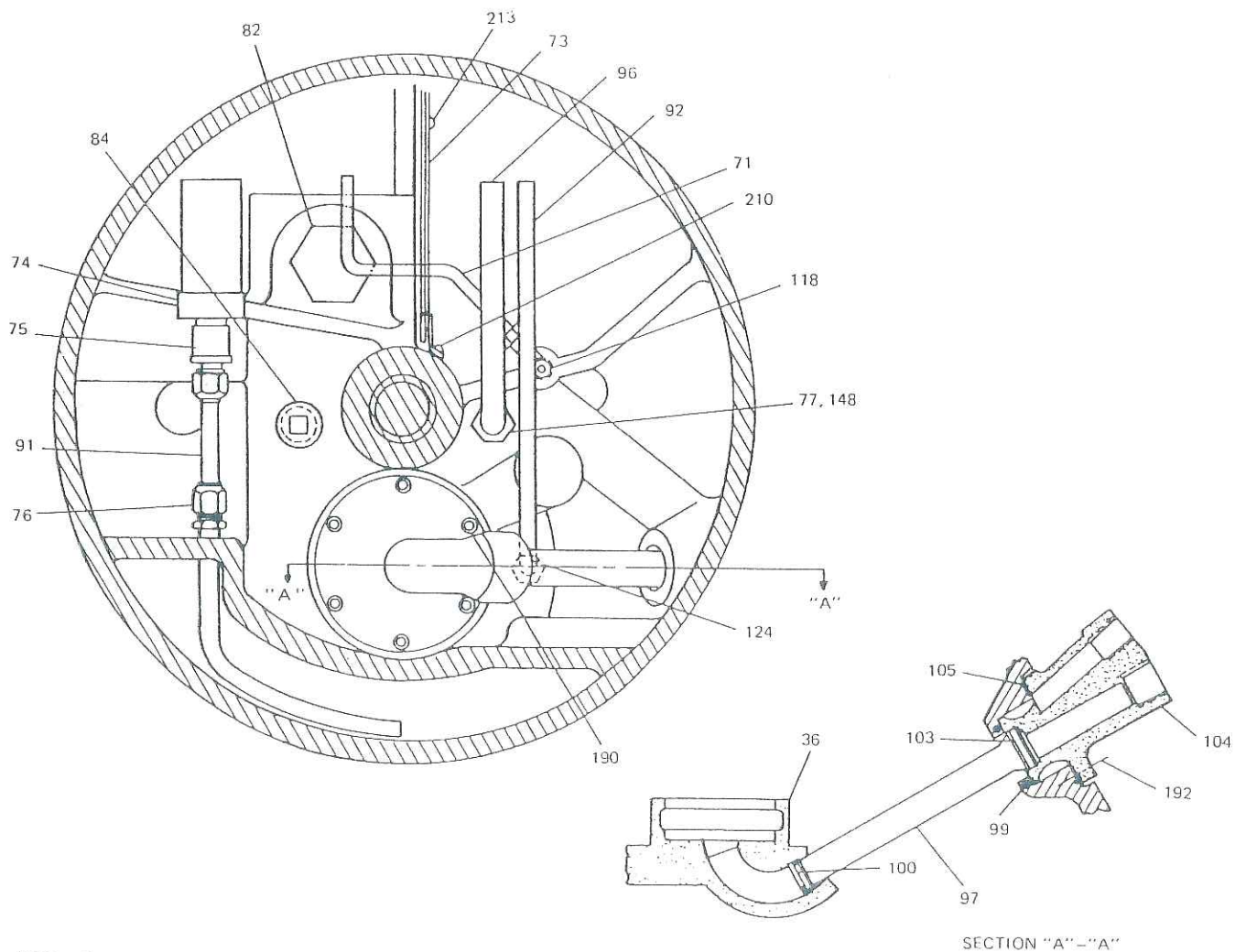


FIG. 3— SECTION "R"—"R" — SHOWING OIL PUMP AND INTERNAL PARTS

COMPRESSORS—MODELS LTD53 AND LTD59

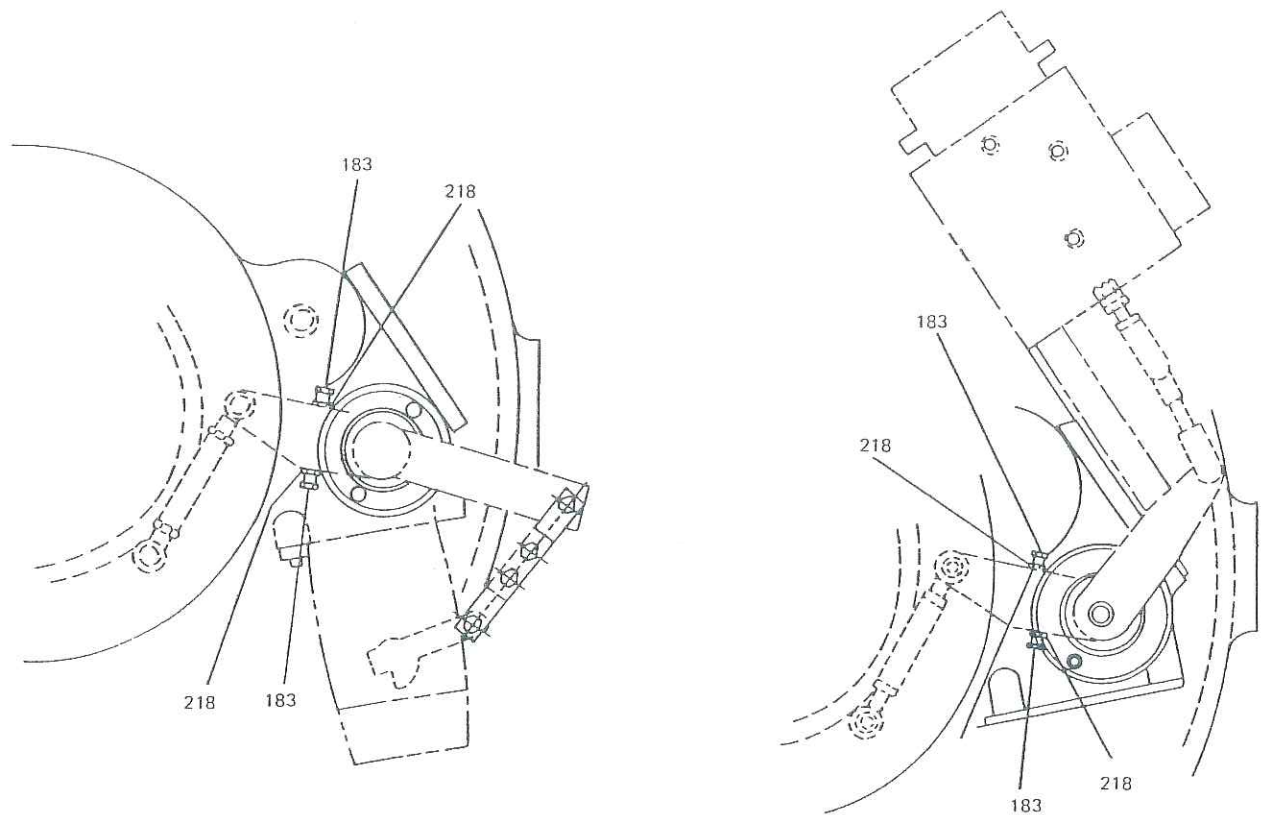


FIG. 4—ELECTRIC MOTOR LEVER – ADJUSTMENT PARTS

PNEUMATIC PRV POSITION LEVER ADJUSTMENT PARTS

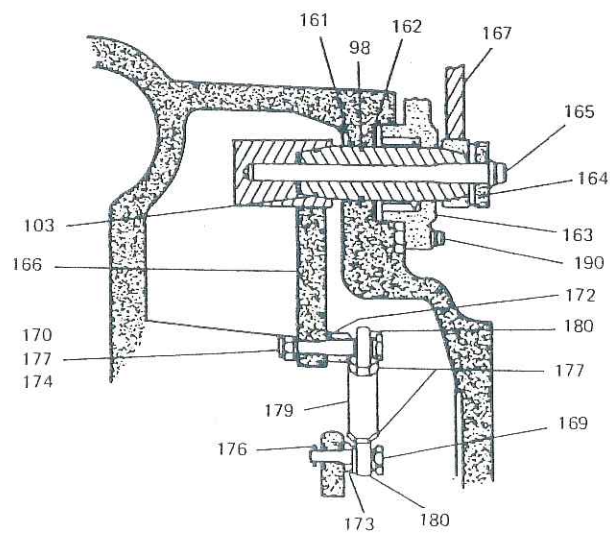


FIG. 5— PRV – CONTROL SHAFT & INTERNAL LINKAGE



MODELS LTD53 AND LTD59
LINKAGE - EXTERNAL PRV
ELECTRICALLY OPERATED

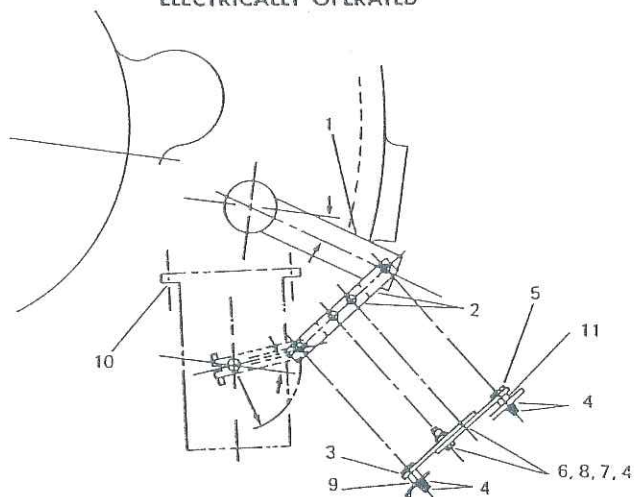


FIG. 7— LINKAGE EXTERNAL PRV — ELECTRICAL OPERATED

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	LEVER, PRV DEVICE	1	364-28236
2	LINK, EXT. PRV	2	064-28260
3	BOLT SHOULDER	1	064-28286
4	NUT, HEX, 1/4-20UNC	6	021-00450
5	BOLT SHOULDER	1	064-28282
6	SCREW, CAP HEX HD.	2	021-11914
7	LOCKWASHER, 1/4	2	021-05267
8	WASHER, PLAIN	2	021-05165
9	RING, 5/8 O.D. x 17/64 x 1/2 LG.	1	064-28284
10	SCREW, CAP 12 PT. HD.	3	021-11741
11	RING, 5/8 OD x 17/64 x 3/8 LG.	1	064-28353
12	ARM, CRANK	1	025-17073

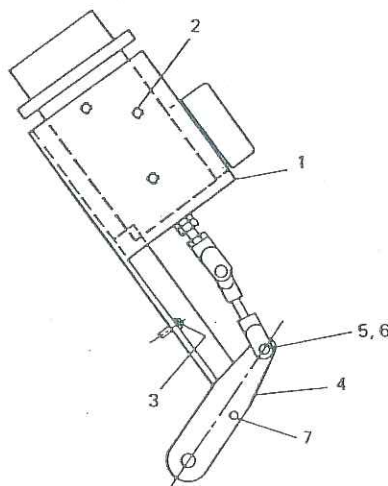
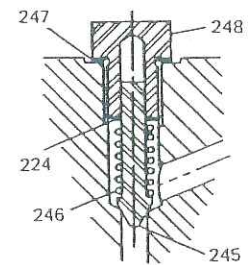


FIG. 8— LINKAGE — EXTERNAL PRV — AIR OPERATED (PNEUMATIC)

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	BRACKET, MOUNTING PRV MOTOR	1	364-16838
2	SCREW, CAP, 1/4-20UNC x 5/8	3	021-01372
3	SCREW, CAP, 5/16-18UNC x 3/4	4	021-11394
4	LEVER — PRV DEVICE	1	064-17898
5	SCREW, CAP, 1/4-20UNC x 1-1/2	1	021-02399
6	NUT — HEX, 1/4-20UNC	2	021-00450
7	PIN, INSERT	1	029-04842

COMPRESSOR—MODELS LTD67 AND LTD76

SHAFT END VIEW



SECTION "H-H"
OIL PRESSURE
RELIEF VALVE

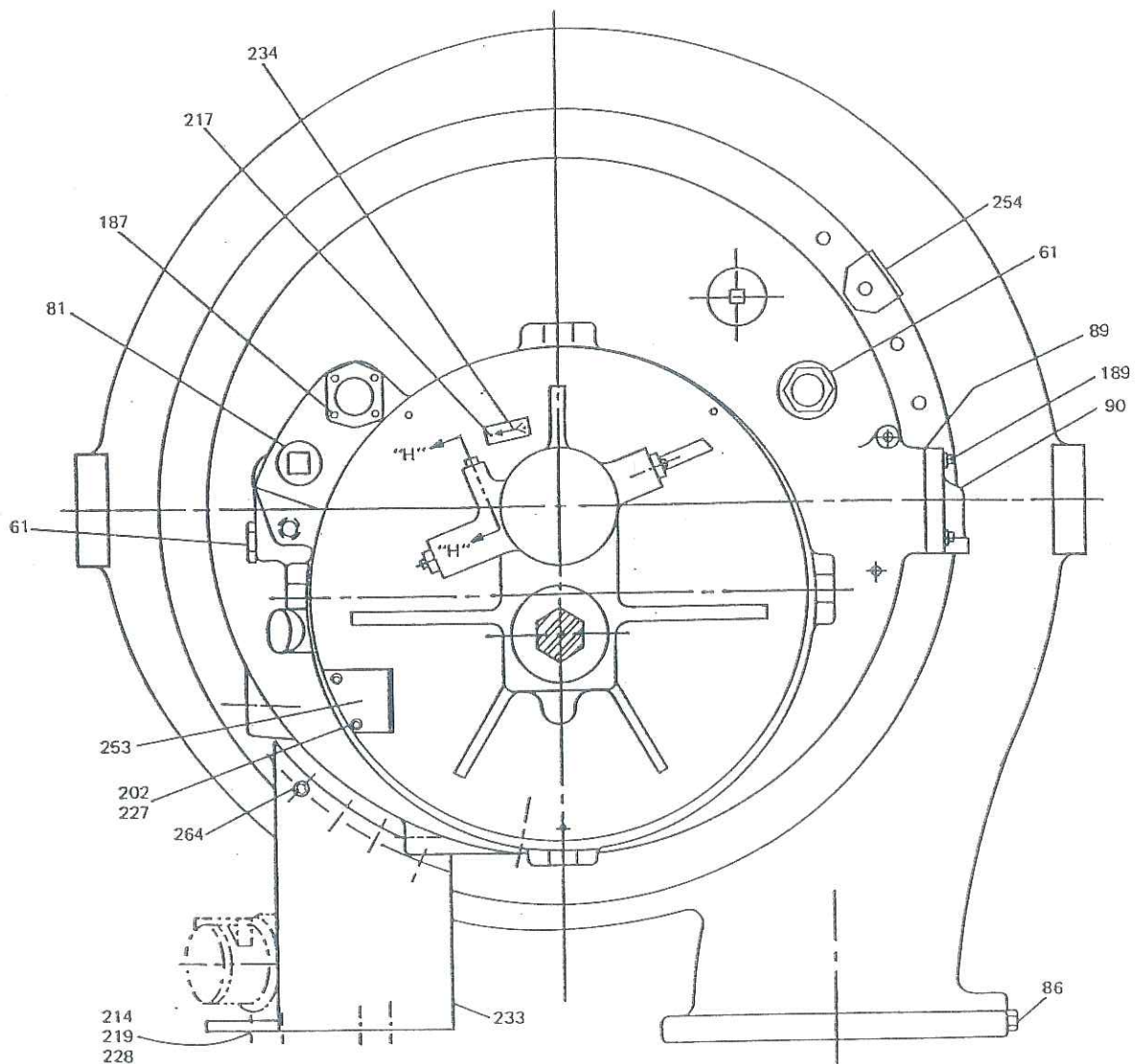
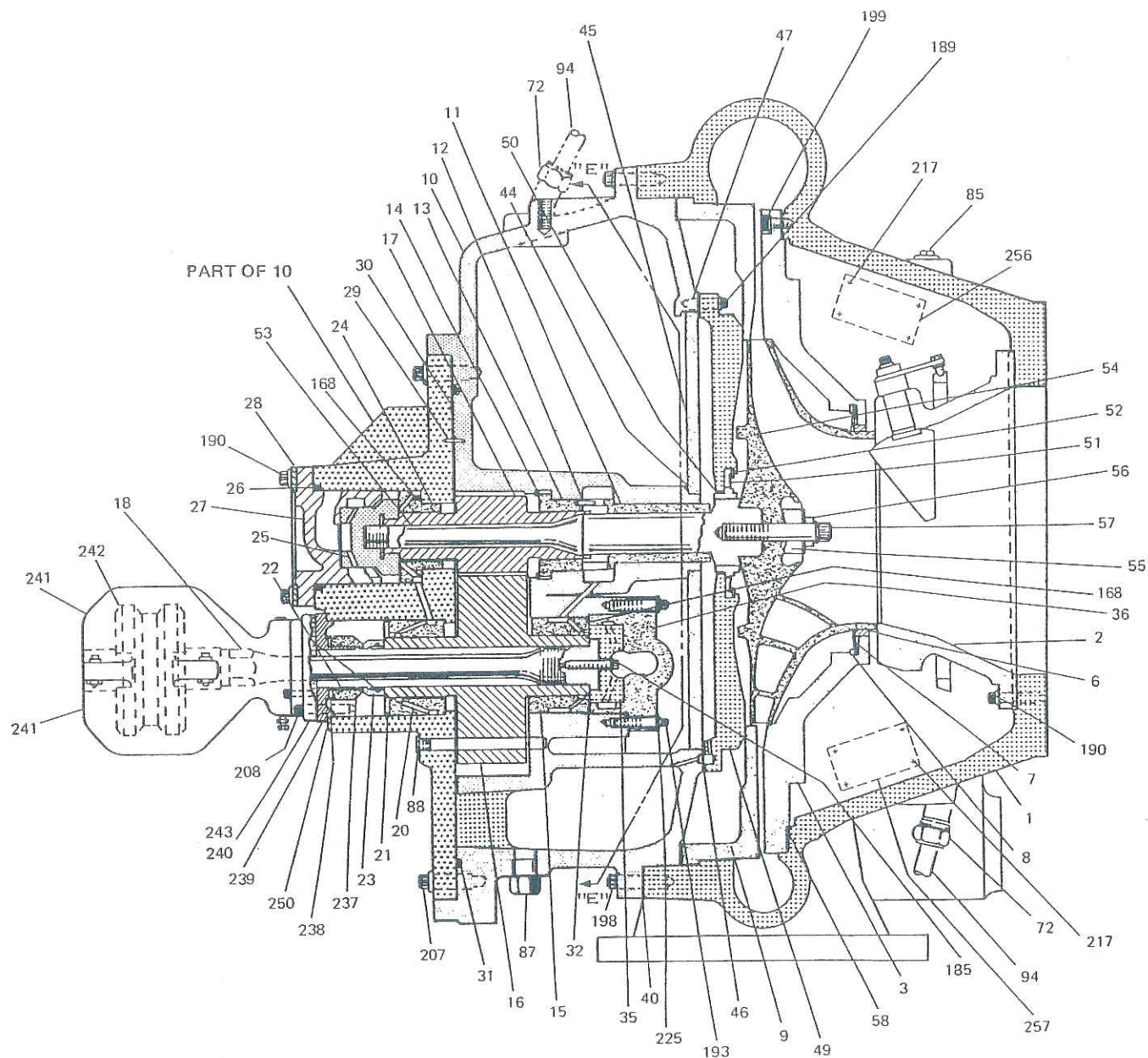


FIG. 9— SHAFT END VIEW AND CUTAWAY VIEW OF COMPRESSORS — MODELS LTD67 AND LTD76

COMPRESSOR—MODELS LTD67 AND LTD76

CUTAWAY VIEW



ITEM NO.	PART DESCRIPTION	60 CYCLE		50 CYCLE	
		SIZE	PART NO.	SIZE	PART NO.
241	COUPLING GUARD	1-1/4	364-33572	1-1/2 x 1-1/4	364-33577
242	COUPLING	1-1/4	364-06503	1-1/2 x 1-1/4	364-16913

664-06503-000

FIG. 9 (CONT'D) —

COMPRESSORS—MODELS LTD67 AND LTD76

TABLE 2— VARIABLE PARTS

ITEM NO.	PART DESCRIPTION	60 AND 50 CYCLE			
		MODEL 67		MODEL 76	
		PART NO.	QUAN.	PART NO.	QUAN.
2	PREROTATION VANE ASSEMBLY	364-15250	1	364-15249	1
3	NOZZLE BASE PLATE	064-20409	1	064-20410	1
6	IMPELLER SEAL RING	064-20430	1	064-20431	1
7	FLAT SPRING WASHER	064-06242	1	064-05741	1
8	RETAINING RING, IMPELLER SEAL, INTERNAL	064-06243	1	064-05742	1
9	DEFUSER PLATE	064-11810	1	064-11638	1
54	IMPELLER	064-11297	1	064-11127	1

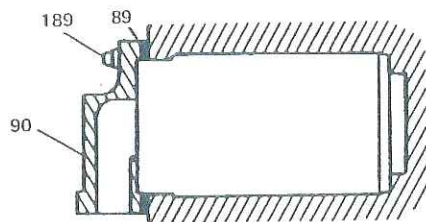
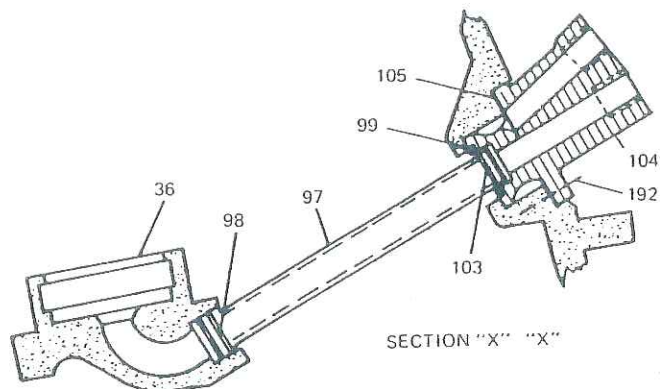


FIG. 10— FILTER



SECTION "X" "X"

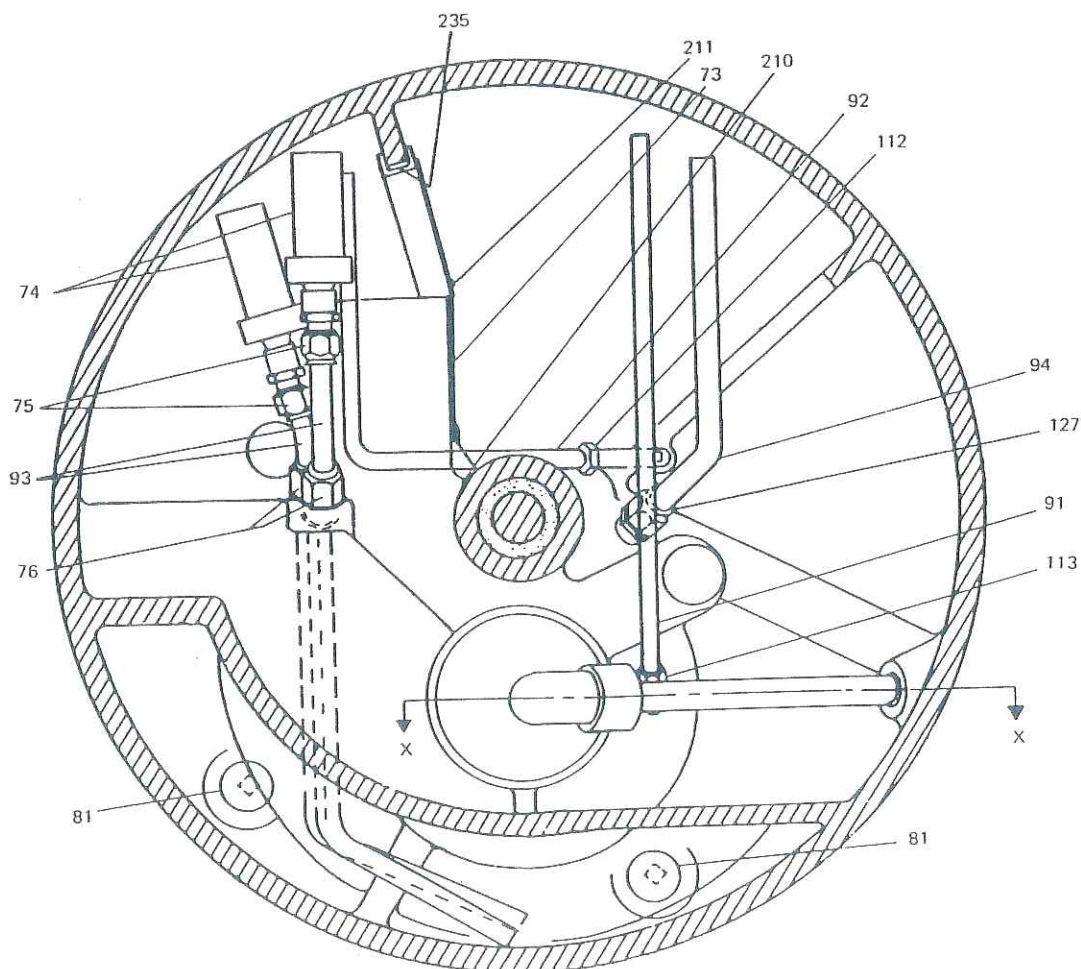


FIG. 11— SECTION "E"—"E"— SHOWING OIL PUMP AND INTERNAL PARTS

COMPRESSORS—MODELS LTD67 AND LTD76

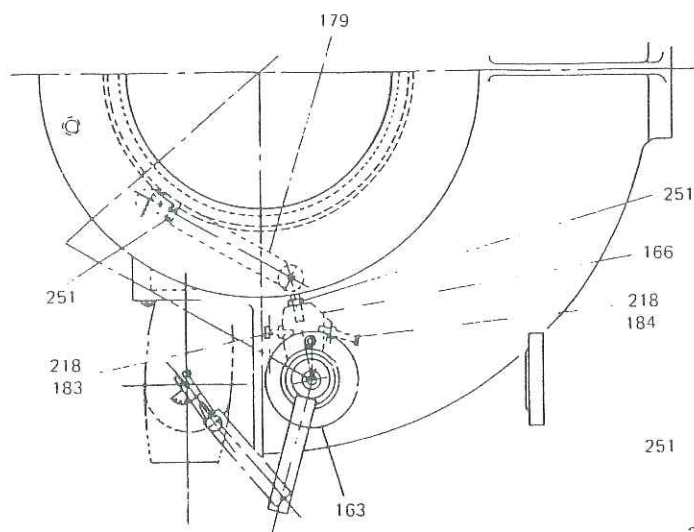


FIG. 12— PRV — LEVER ADJUSTMENT PARTS
ELECTRICALLY OPERATED

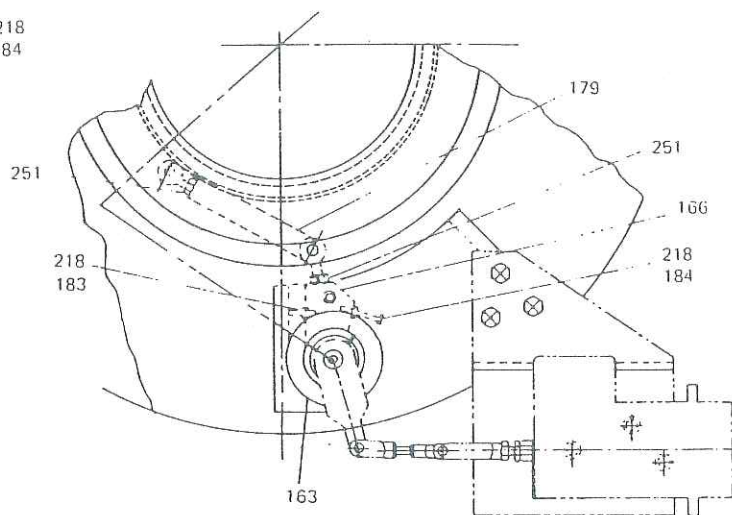


FIG. 13— PRV — LEVER ADJUSTMENT PARTS
AIR OPERATED

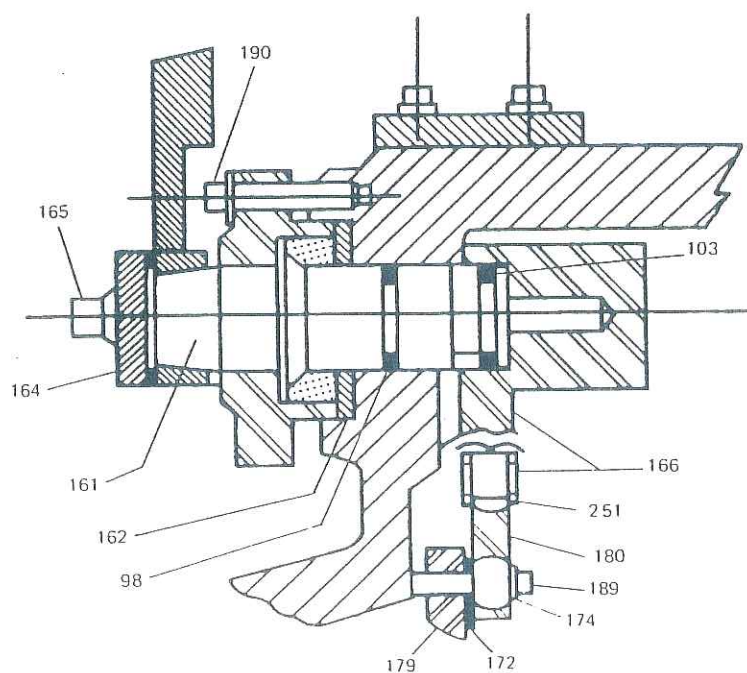


FIG. 14— PRV CONTROL SHAFT AND INTERNAL LINKAGE

COMPRESSORS—MODELS LTD67 AND LTD76

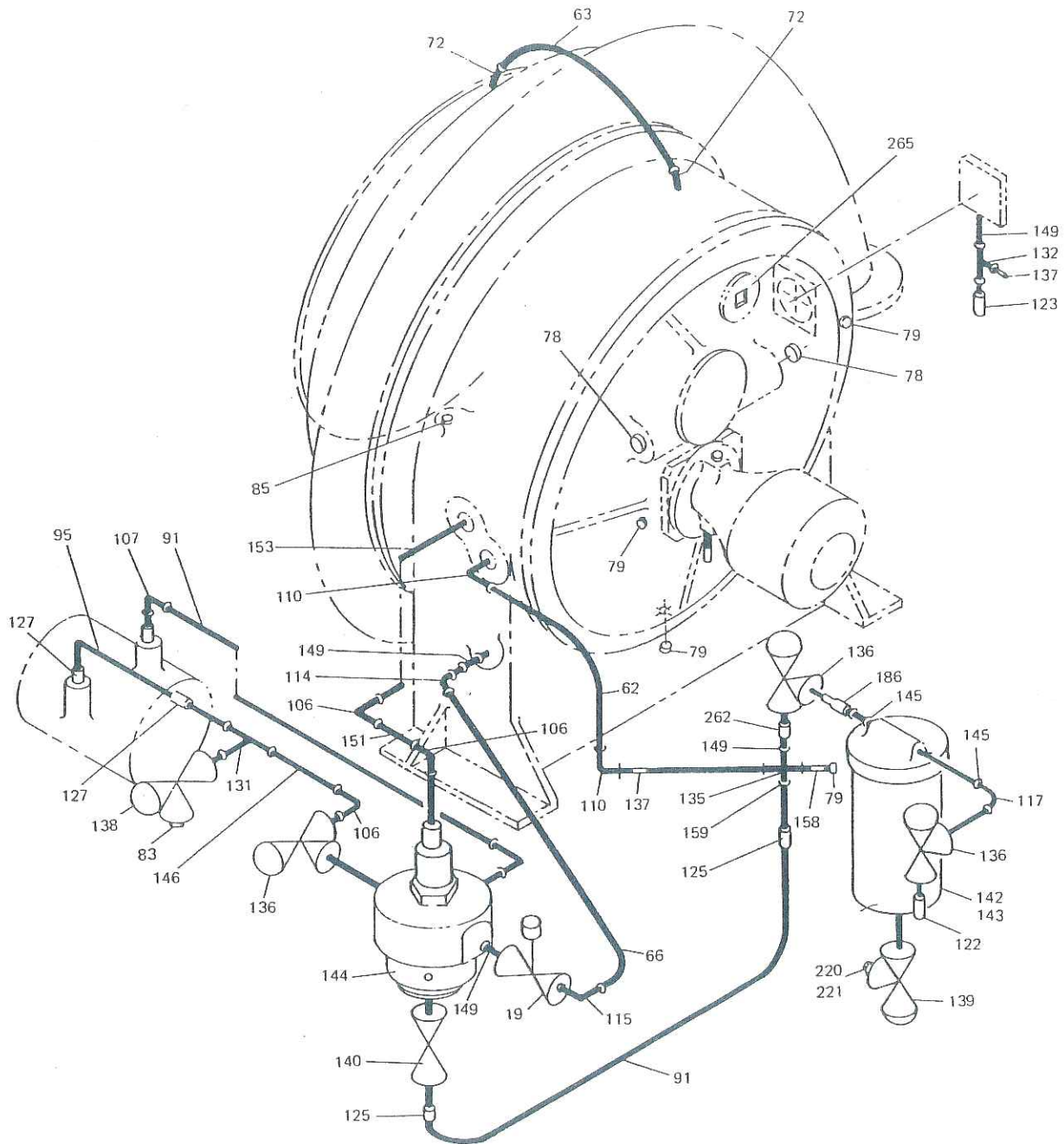


FIG. 15— OIL PIPING

MODELS LTD67 AND LTD76
LINKAGE - EXTERNAL PRV
ELECTRICALLY OPERATED

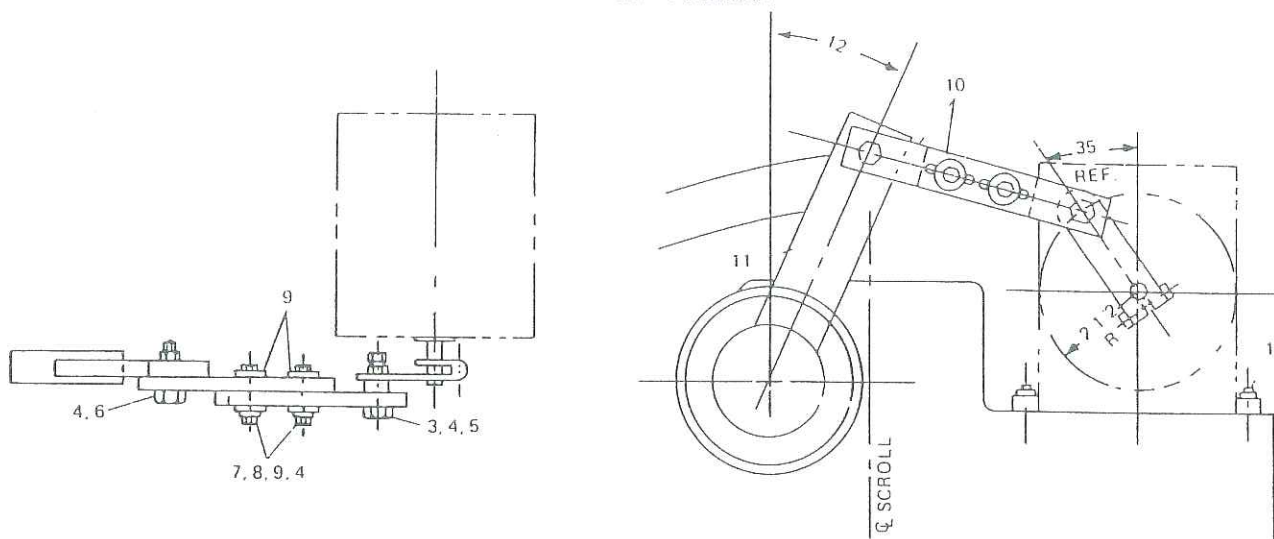


FIG. 16—LINKAGE EXTERNAL PRV — ELECTRICALLY OPERATED

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	SCREW, CAP. 1/4-20UNC x 3-4 LG.	3	021 11741
2	ARM, CRANK PRV	1	025-17073
3	BOLT, SHLD. 1/4-20 x 1-5/8	1	064 28286
4	NUT, HEX. 1/4-20UNC-2B	6	021 00450
5	RING, STL. 5/8 O.D. x 17/64 I.D. x 1/2 LG.	1	064 28284
6	BOLT, SHLD. 1/4-20 x 1-3/8	1	064 28262
7	SCREW, CAP. 1/4-20UNC x 1 LG.	2	021-11914
8	LOCKWASHER 1/4	2	021-05267
9	WASHER 9/32 I.D.	4	021-05165
10	LINK, EXT. PRV & MOT.	2	064 28260
11	LEVER, PRV DEVICE	1	364 28236

AIR OPERATED

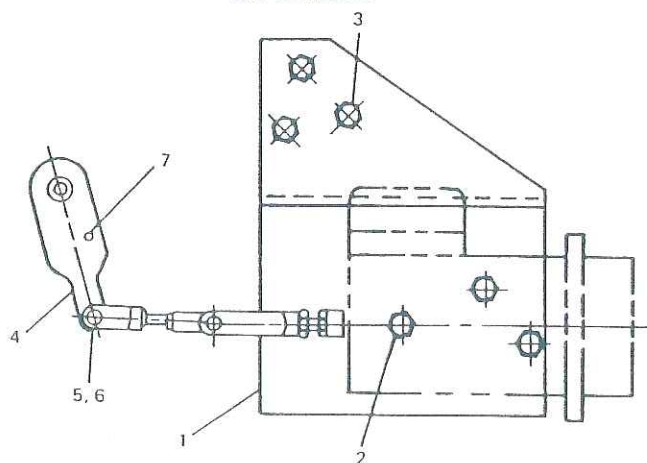


FIG. 17 — LINKAGE EXTERNAL PRV — AIR OPERATED (PNEUMATIC)

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	BRACKET, PRV MOTOR MOUNTING	1	064 20428
2	SCREW, CAP, HEX HD 1 4 20UNC x 5 8 LG	3	021 01372
3	SCREW, CAP, HEX HD 1 2 13UNC x 7 8 LG	3	021 02750
4	LEVER, PRV DEVICE	1	064 16836
5	SCREW, CAP 1 4 20UNC x 1 1 2 LG	1	021 02399
6	NUT, HEX HD 1 4 20UNC	2	021 00450
7	PIN, INSERT	1	029 05900

COMPRESSOR—MODELS LTD85 AND LTD95

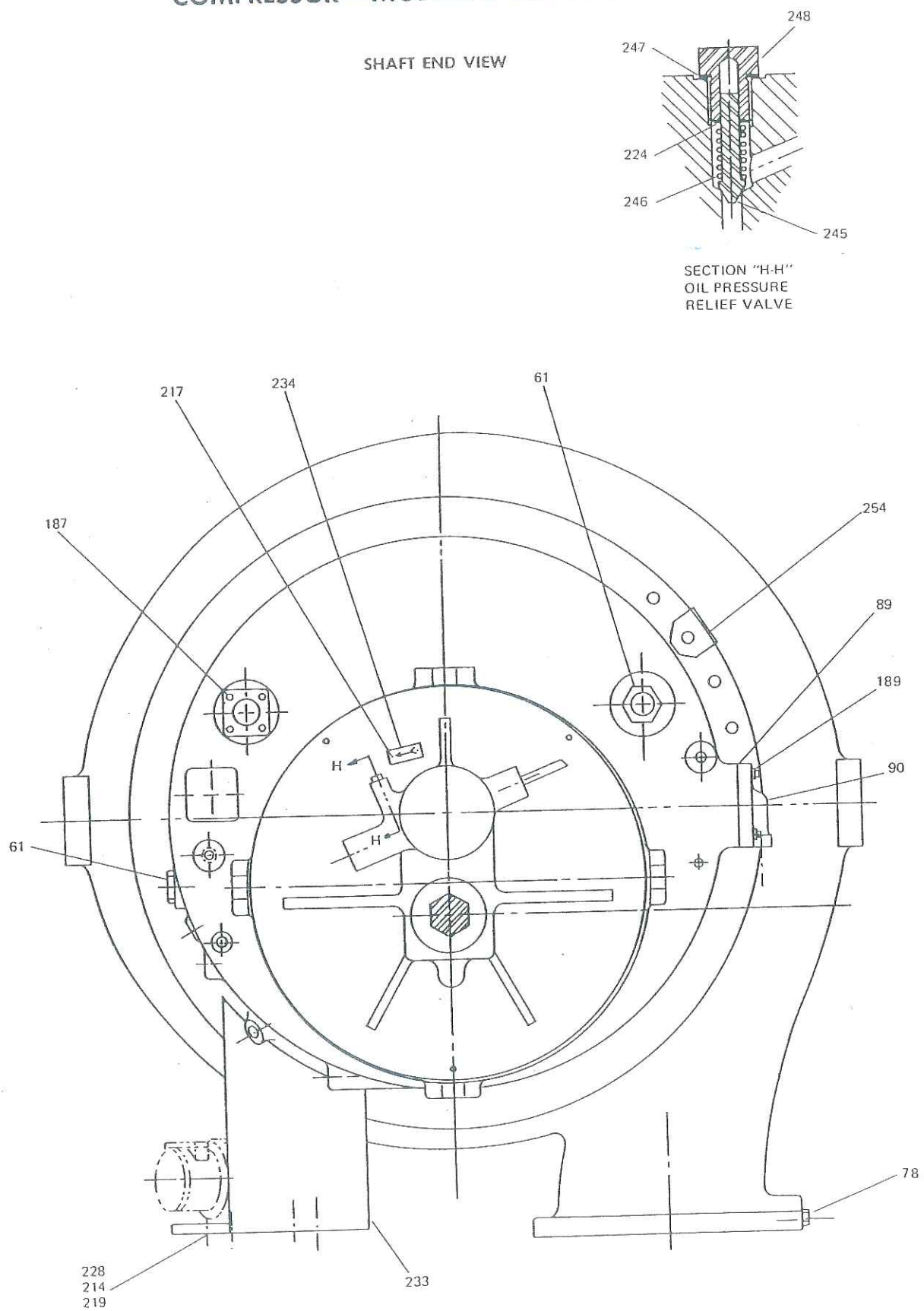


FIG. 18 — SHAFT END VIEW AND CUTAWAY VIEW OF COMPRESSORS — MODELS LTD85 AND LTD95

COMPRESSOR—MODELS LTD85 AND LTD95

CUTAWAY VIEW

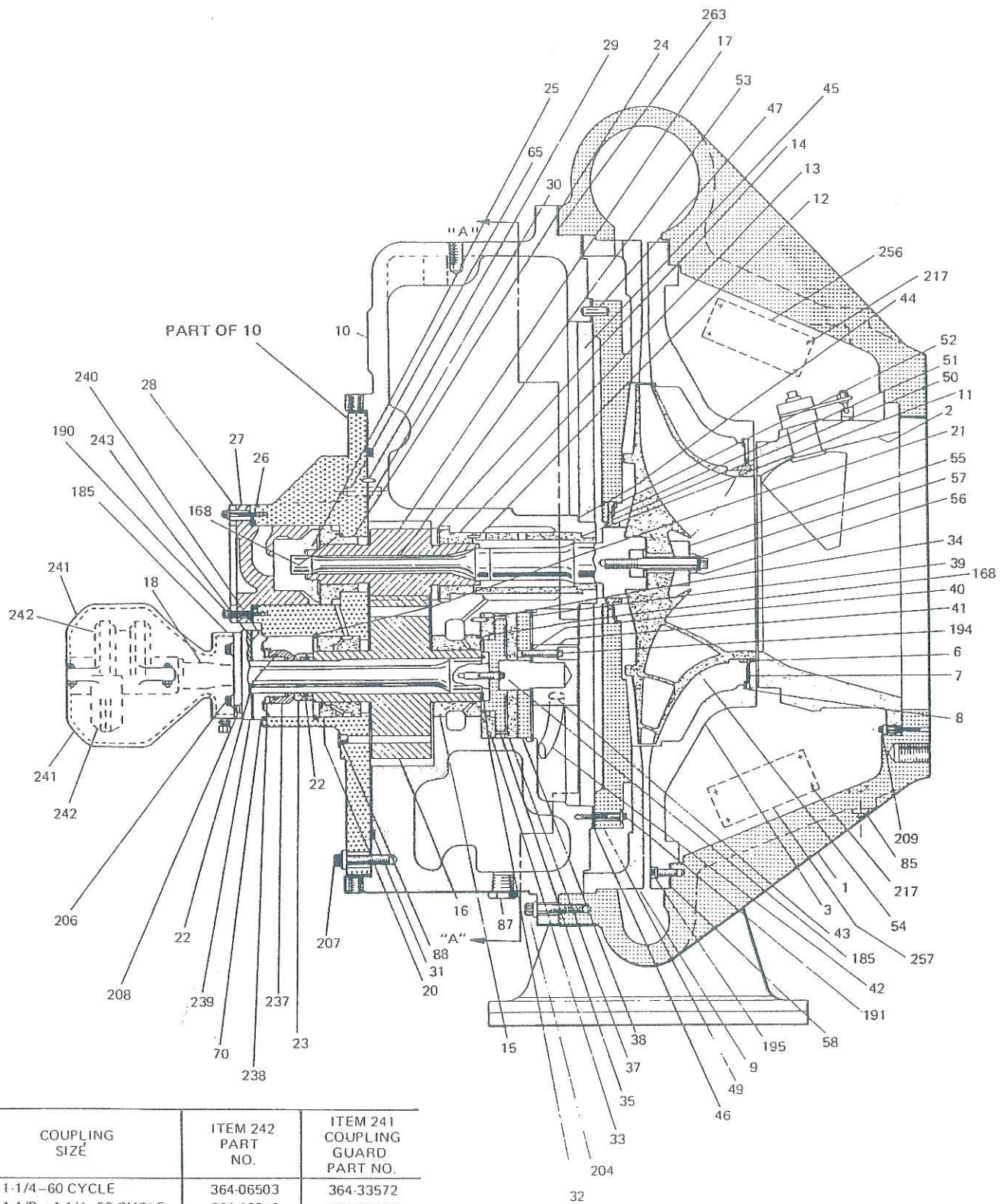


FIG. 19

COMPRESSORS—MODELS LTD85 AND LTD95

TABLE 3—VARIABLE PARTS

ITEM NO.	PART DESCRIPTION	YORK FLEX, DISK COUPLING				YORK FLEX. COUPLING			
		(60 & 50 CYCLE)				(50 CYCLE)			
		MODEL LTD85		MODEL LTD95		MODEL LTD95		MODEL LTD85	
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.
2	PREROTATION VANE ASSEMBLY	364-15255	1	364-15266	1	364-15266	1	364-15255	1
3	NOZZLE BASE PLATE	064-21643	1	064-21644	1	064-21644	1	064-21643	1
6	IMPELLER SEAL RING	064-21418	1	064-21417	1	064-21417	1	064-21418	1
7	FLAT SPRING WASHER	064-05683	1	064-05656	1	064-05656	1	064-05683	1
8	RETAINING RING—IMPELLER RING SEAL	064-05680	1	064-05588	1	064-05588	1	064-05680	1
9	DIFFUSER PLATE	064-12139	1	064-12103	1	064-12103	1	064-12139	1
18	DRIVE SHAFT	064-14971	1	064-14971	1	064-24520	1	064-24520	1
25	THRUST COLLAR	064-21475	1	064-27569	1	064-27569	1	064-27569	1
53	MAIN SHAFT	064-21479	1	064-27568	1	064-27568	1	064-27568	1
54	IMPELLER	064-11968	1	064-11969	1	064-11969	1	064-11968	1

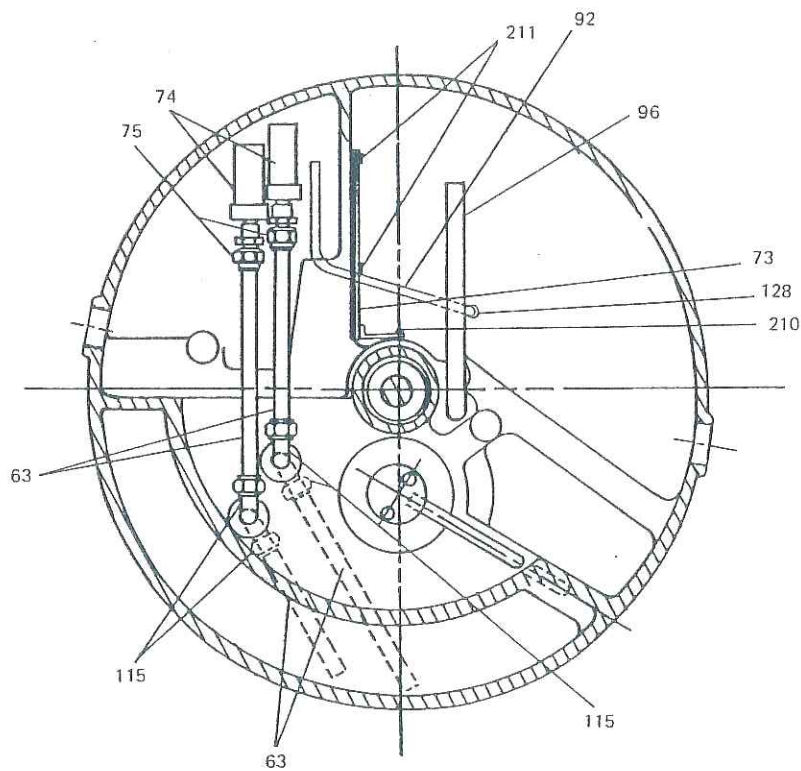


FIG. 20—SECTION "A"—"A", SHOWING OIL PUMP AND INTERNAL PARTS

COMPRESSORS—MODELS LTD85 AND LTD95

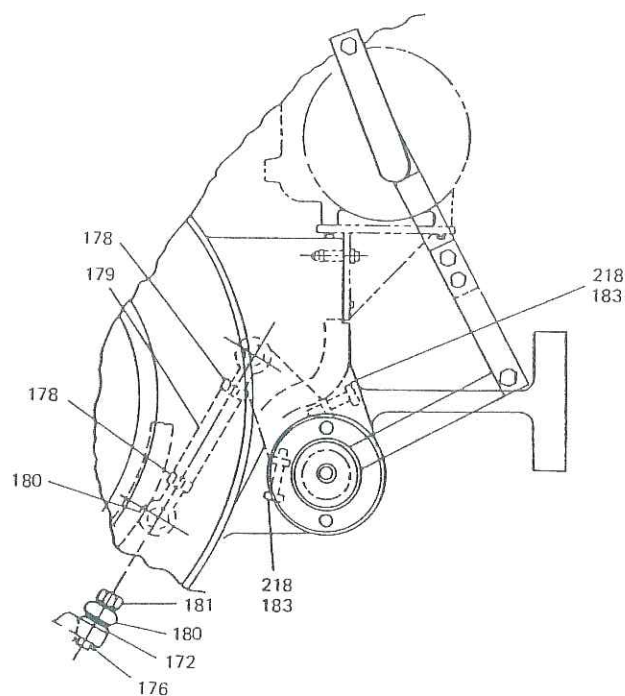


FIG. 21— PRV — LEVER ADJUSTMENT PARTS
ELECTRICALLY OPERATED

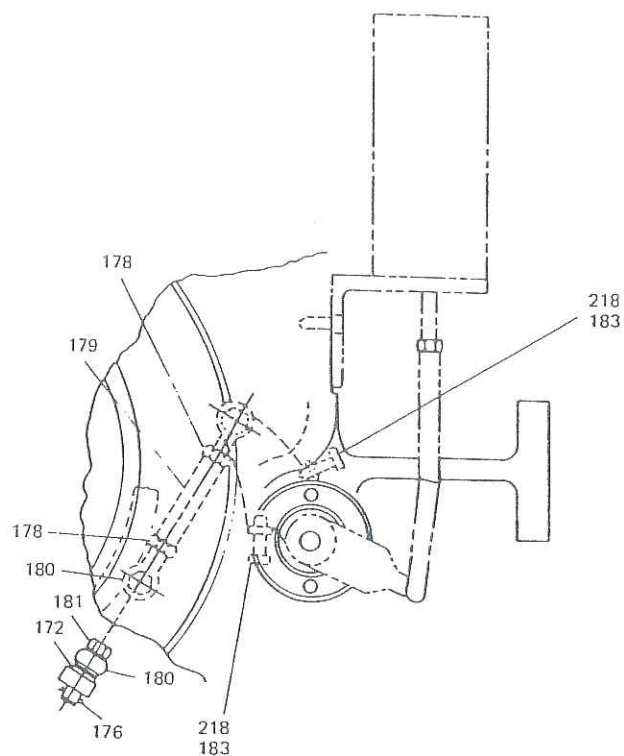


FIG. 22— PRV — LEVER ADJUSTMENT PARTS
AIR OPERATED

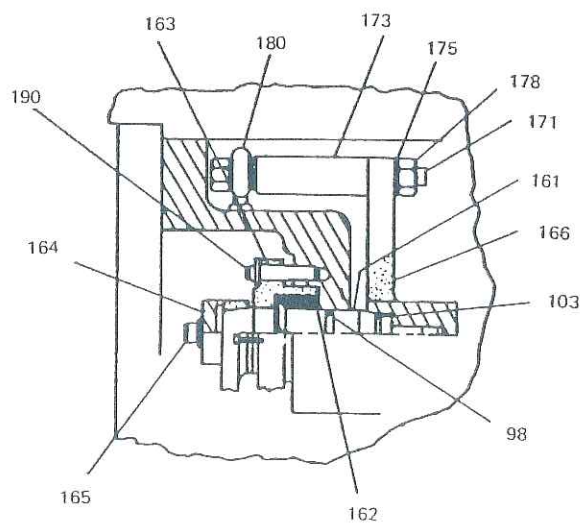


FIG. 23— PRV — CONTROL SHAFT AND INTERNAL LINKAGE

COMPRESSORS—MODELS LTD85 AND LTD95

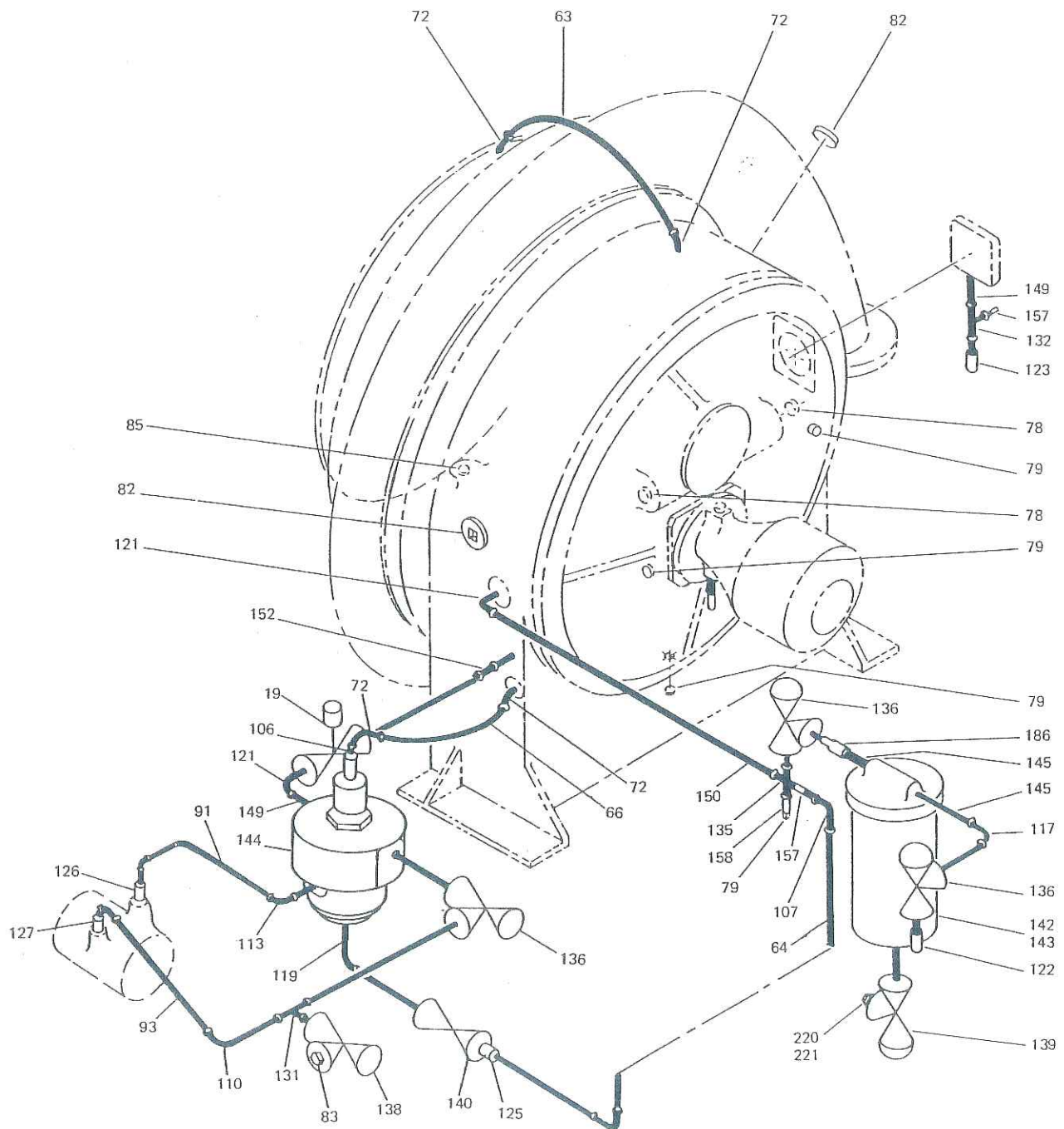


FIG. 24— OIL PIPING

LINKAGE - EXTERNAL PRV

ELECTRICALLY OPERATED

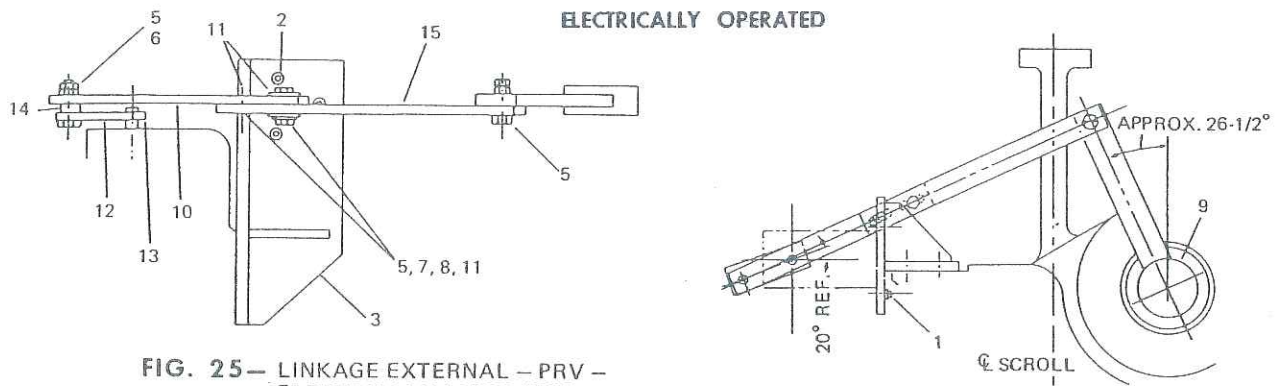


FIG. 25— LINKAGE EXTERNAL — PRV —
ELECTRICALLY OPERATED

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	SCREW, CAP. 1/4-20UNC x 3/4 LG.	3	021-11741
2	SCREW, CAP. 3/8-16UNC x 1 LG.	3	021-11149
3	BRACKET, MOTOR MOUNTING	1	364-32605
4	BOLT, SHLD. 1/4-20 x 1-3/8	1	064-28262
5	NUT, HEX. 1/4-20UNC-2B	6	021-00450
6	BOLT, SHLD. 1/4-20 x 1-5/8	1	064-33744
7	LOCKWASHER 1/4	2	021-05267
8	SCREW, CAP. 1/4-20UNC x 1 LG.	2	021-11914
9	LEVER, PRV DEVICE	1	364-28236
10	LINK, EXT. PRV & MOT	1	064-32604
11	WASHER 9/32 ID	4	021-05165
12	ARM, PRV MOTOR	1	064-33690
13	SCREW, SET HEX SOC # 10-24UNC x 3/8	1	021-03910
14	RING, FILL	1	064-29258
15	LINK, EXT. PRV & MOT.	1	064-32609

AIR OPERATED

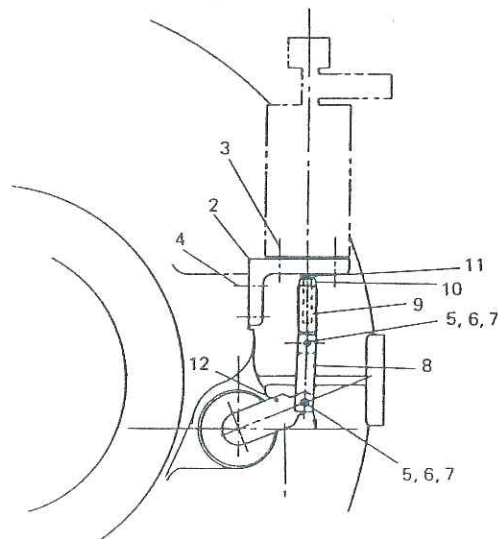


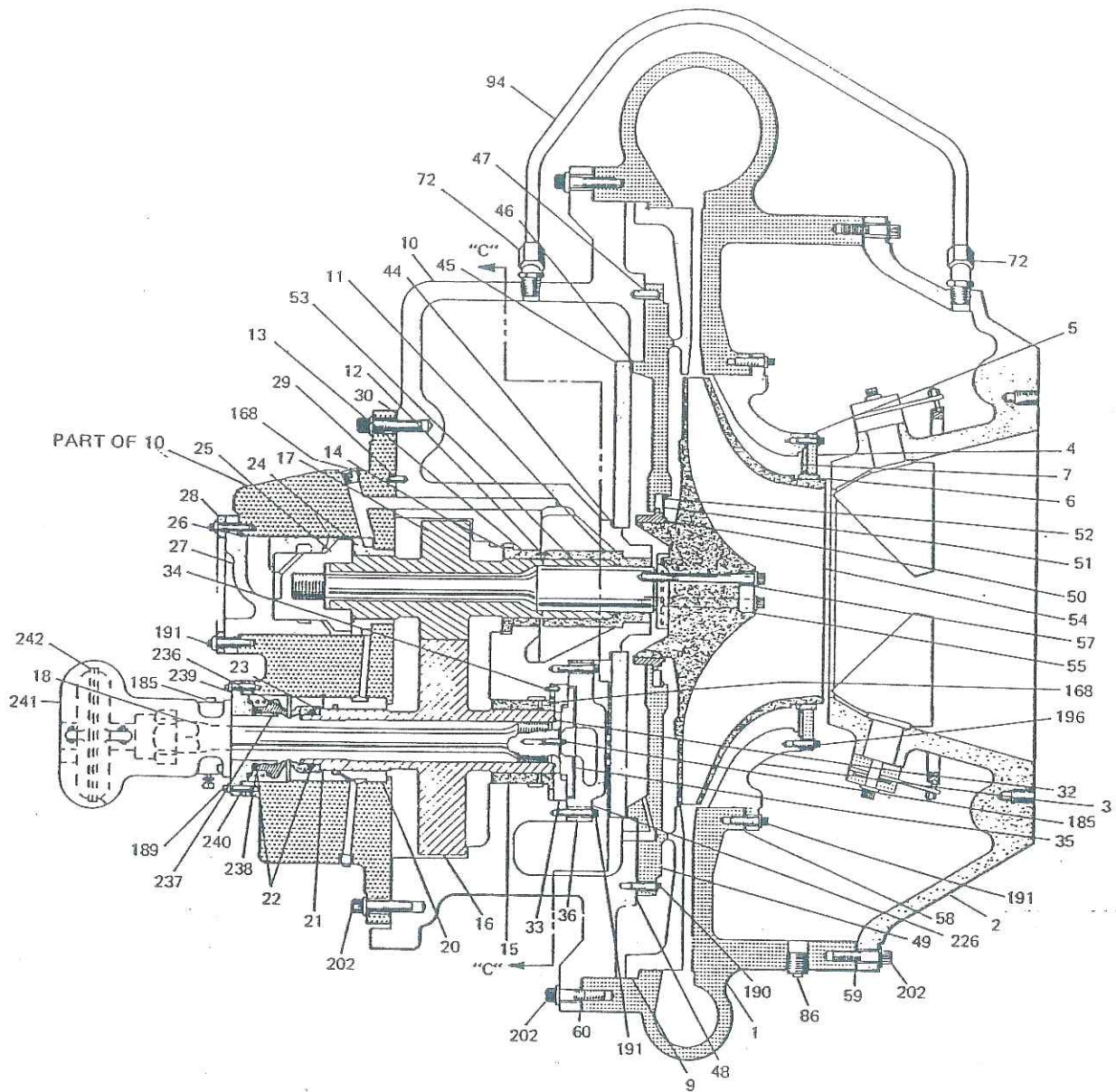
FIG. 26— LINKAGE EXTERNAL — PRV — AIR OPERATED

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	LEVER, PRV DEVICE	1	064-28622
2	BRACKET	1	064-28621
3	SCREW, CAP. 12 PT 3/8 x 1-1/8	4	021-11148
4	SCREW, CAP. 12 PT 3/8 x 1	3	021-11141
5	PIN, LINKAGE	2	064-07127
6	WASHER, PLAIN 13/32 I.D.	4	021-01274
7	PIN, COTTER	4	021-01083
8	LINK, EXT.	2	064-15692
9	CLEVIS, CONOMOTOR	1	064-07125
10	NUT, HEX. HEAVY 5/8	1	021-07787
11	WASHER, PLAIN 21/32 I.D.	7	021-01239
12	PIN, INSERT	1	029-05900



COMPRESSOR— MODELS LTD108, LTD120, AND LTD126

CUTAWAY VIEW



ITEM NO.	PART DESCRIPTION	60 CYCLE		50 CYCLE	
		SIZE	PART NO.	SIZE	PART NO.
241	COUPLING	1-1/2	364-22205	1-7/8 x 1-1/2	364-21794
242	COUPLING GUARD	1-1/2	364-33574	1-7/8 x 1-1/2	364-33578

FIG. 28

COMPRESSOR — LTD108, LTD120, AND LTD126

TABLE 4— VARIABLE PARTS

ITEM NO.	PART DESCRIPTION	60 & 50 CYCLE					
		LTD108		LTD120		LTD126	
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.
1	ROTOR SCROLL	064-22908	1	064-22907	1	064-27577	1
2	PREROTATION VANE ASSEMBLY	364-33707	1	364-33708	1	364-33709	1
3	NOZZLE PLATE BASE	064-22786	1	064-22787	1	064-27580	1
4	RETAINER, NOZZLE BASE PLATE	064-22974	1	064-22963	1	064-27582	1
5	GASKET RETAINER TO NOZZLE BASE PLATE	*064-23002	1	*064-23010	1	*064-23010	1
6	IMPELLER SEAL RING	064-22714	1	064-22715	1	064-27583	1
7	FLAT SPRING WASHER	064-22690	1	064-22661	1	064-27578	1
9	DIFFUSER PLATE	064-22327	1	064-22332	1	064-27576	1
49	OIL SEPARATOR PLATE	064-22869	1	064-22950	1	064-22950	1
50	RING SEAL IMPELLER	064-12378-005	1	064-12378-006	1	064-12378-006	1
51	FLAT SPRING WASHER	064-12438-009	1	064-12438-008	1	064-12438-008	1
52	RETAINING RING, INTERNAL	064-22709	1	064-22711	1	064-22711	1
54	IMPELLER	064-22910	1	064-22909	1	064-27584	1
58	BASE PLATE NOZZLE GASKET	*064-22983	1	*064-23009	1	064-27581	1

*PARTS INCLUDED IN FIELD REPLACEMENT KIT — MODELS LTD108, LTD120 & LTD126 — PART NO. 464-29630

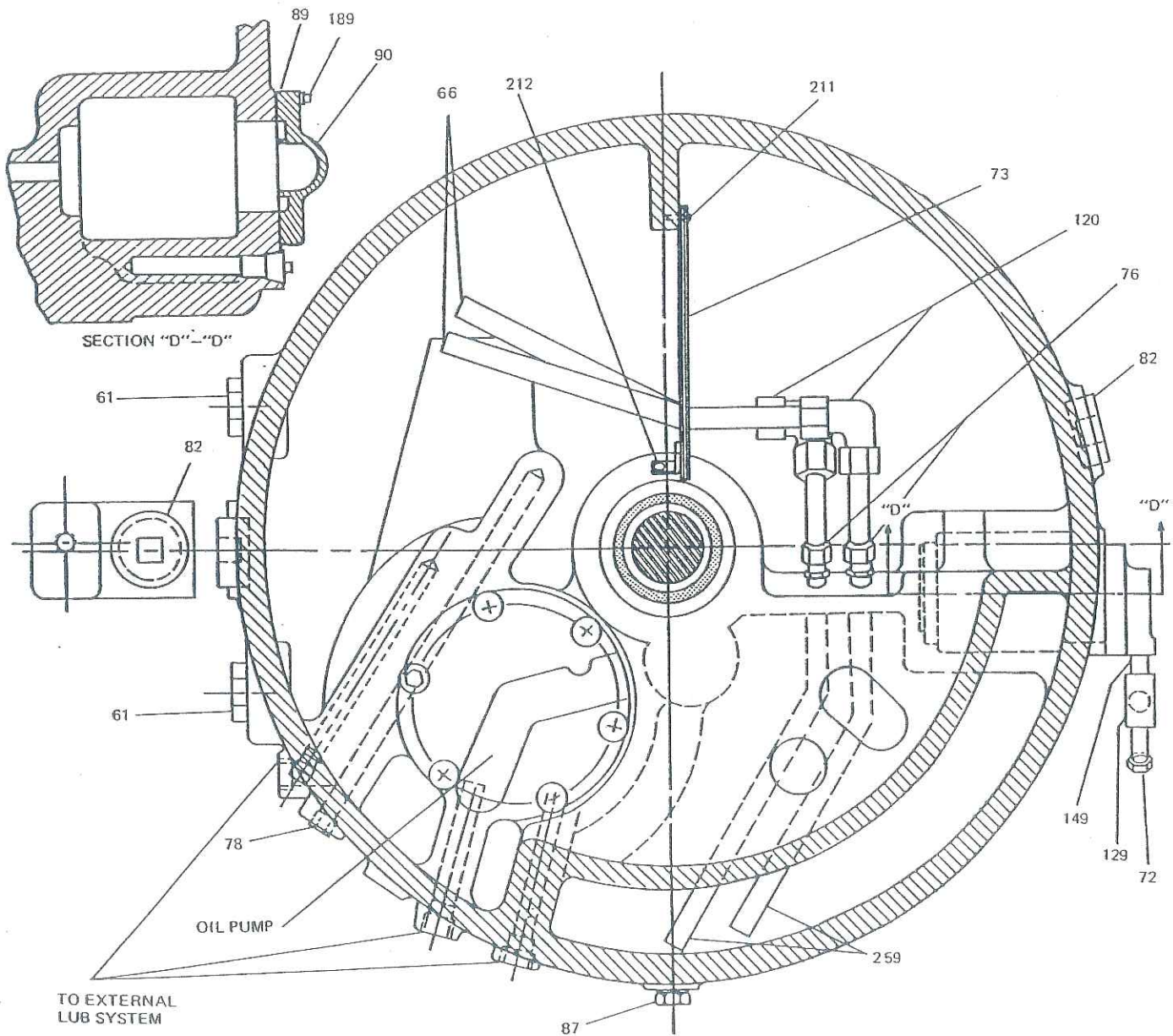


FIG. 29— SECTION "C"—"C" — SHOWING INTERNAL PARTS

COMPRESSOR — MODELS LTD108, LTD120, AND LTD126

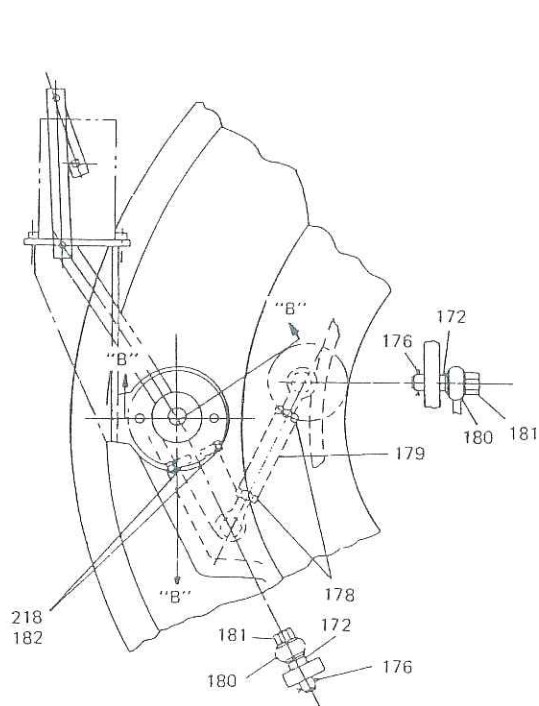


FIG. 30— PRV — LEVER ADJUSTMENT PARTS AND LINKAGE (ELECTRICALLY OPERATED)

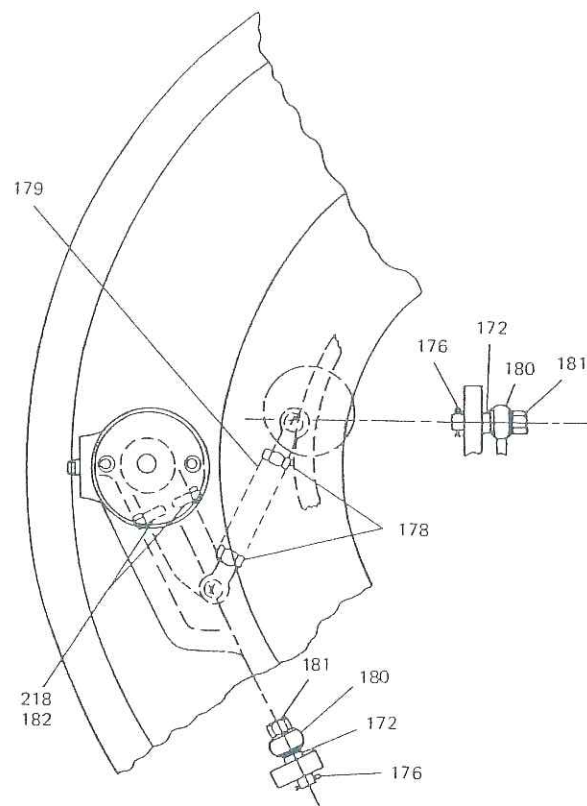


FIG. 31— PRV — LEVER ADJUSTMENT PARTS AND LINKAGE (AIR OPERATED)

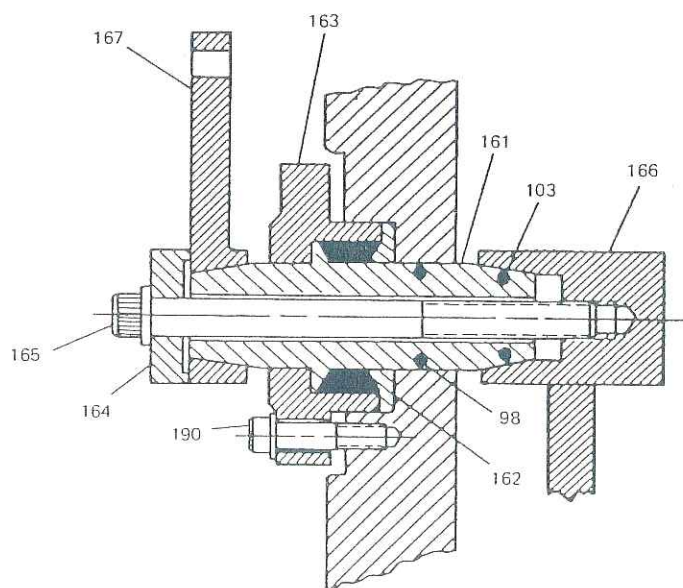


FIG. 32— SECTION "B"—"B"— PRV — SHOWING LEVER AND SHAFT ARRANGEMENT

COMPRESSOR — MODELS LTD108, LTD120, AND LTD126

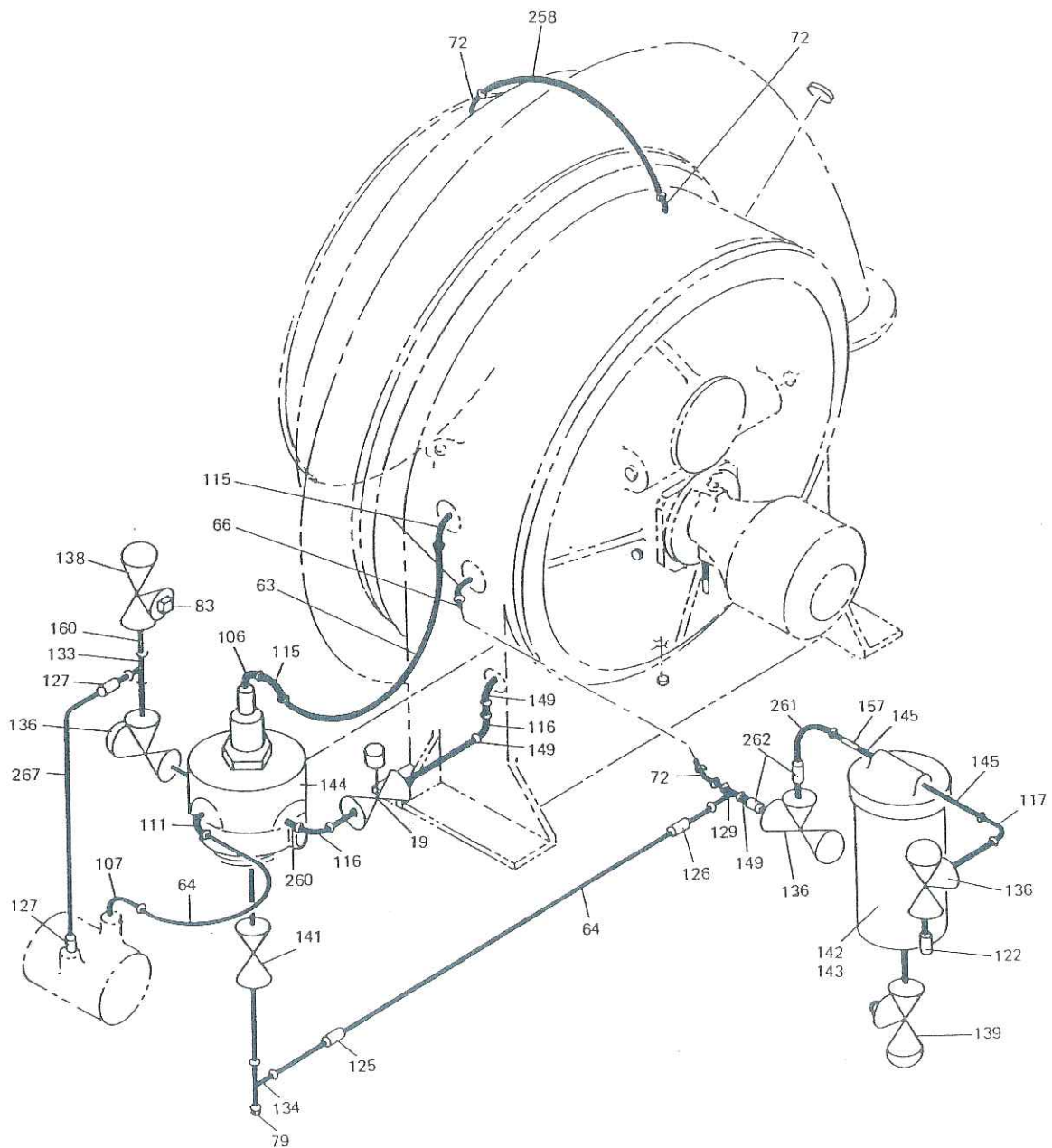


FIG. 33— OIL PIPING

LINKAGE - EXTERNAL PRV

ELECTRICALLY OPERATED

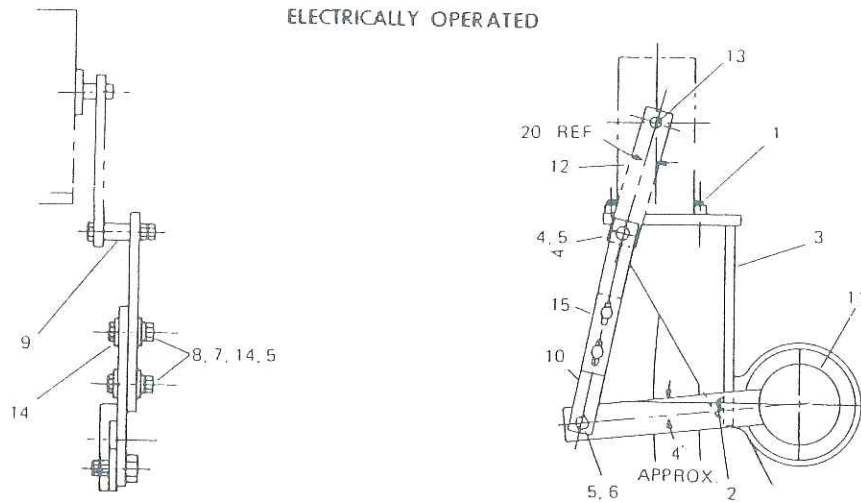


FIG. 34— LINKAGE EXTERNAL — PRV — ELECTRICALLY OPERATED

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	SCREW, CAP. 1/4 - 20UNC x 3/4 LG.	3	021-11741
2	SCREW, CAP. 3/4 - 16UNC x 7/8 LG.	2	021-11139
3	BRACKET, MOTOR MOUNTING	1	364-32574
4	BOLT, SHLD. 1/4 - 20 x 1-7/8 LG.	1	064-33745
5	NUT, HEX 1/4 - 20UNC - 28	6	021-00450
6	BOLT, SHLD. 1/4 - 20 x 1-3/8	1	064-28262
7	LOCKWASHER 1/4	2	021-05267
8	SCREW, CAP. 1/4 - 20UNC x 1 LG.	2	021-11914
9	RING, 5/8 OD x 17/64 ID x 1/2	1	064-28284
10	LINK, EXT. PRV & MOT.	1	064-28261
11	LEVER, PRV DEVICE	1	364-28252
12	ARM, MOTOR PRV	1	064-33689
13	SCREW, SET HEX. SEC. = 10 - 24UNC x 3/8	1	021-03910
14	WASHER 9/32 I.D.	4	021-05165
15	LINK, EXT. PRV & MOT.	1	064-32570

AIR OPERATED

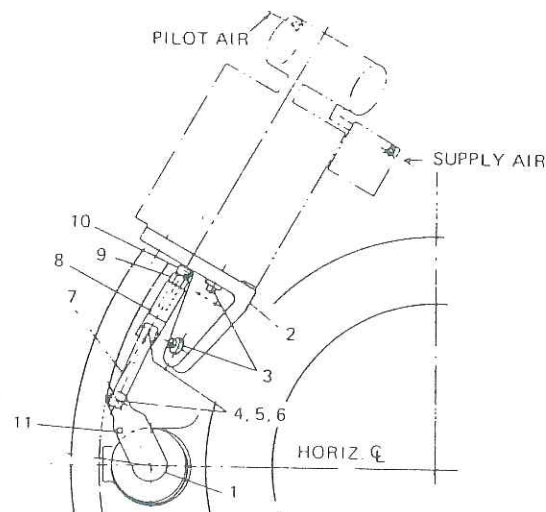
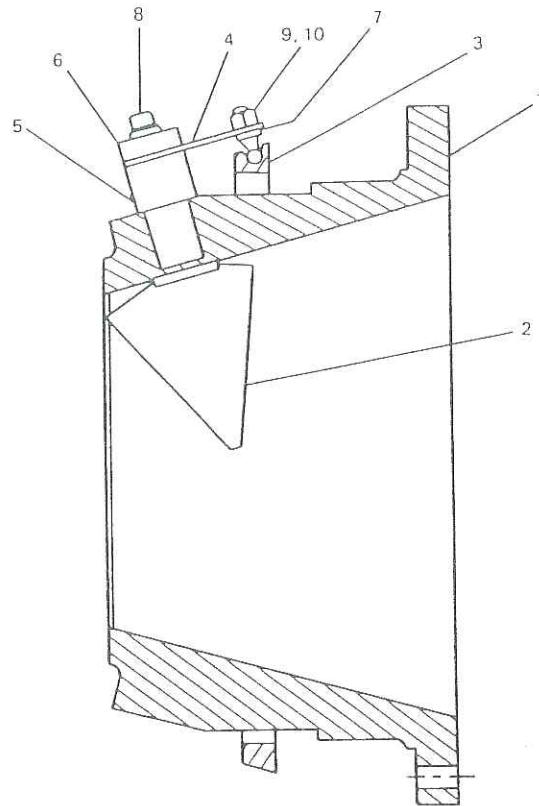


FIG. 35— LINKAGE EXTERNAL — PRV — AIR OPERATED (PNEUMATIC)

ITEM	PART DESCRIPTION	QUAN.	PART NO.
1	LEVER, PRV DEVICE	1	064-28626
2	BRACKET	1	064-28625
3	SCREW, CAP. 12 PT. 1/2 x 1-1/2	7	021-11933
4	PIN, LINKAGE	2	064-07127
5	WASHER, PLAIN 13/32	4	021-01274
6	PIN, COTTER	4	021-01083
7	LINKAGE	2	064-29618
8	CLEVIS, CONOMOTOR	1	064-29619
9	NUT, HEX JAM 3/4 UNF	1	021-00591
10	WASHER, PLAIN 13/16	6	021-05157
11	PIN INSERT 3/32 x 1-1/8	1	029-05900

PREROTATION VANE HOUSING
COMPRESSOR — MODELS LTD53, LTD59, LTD67, LTD76, LTD85 AND LTD95

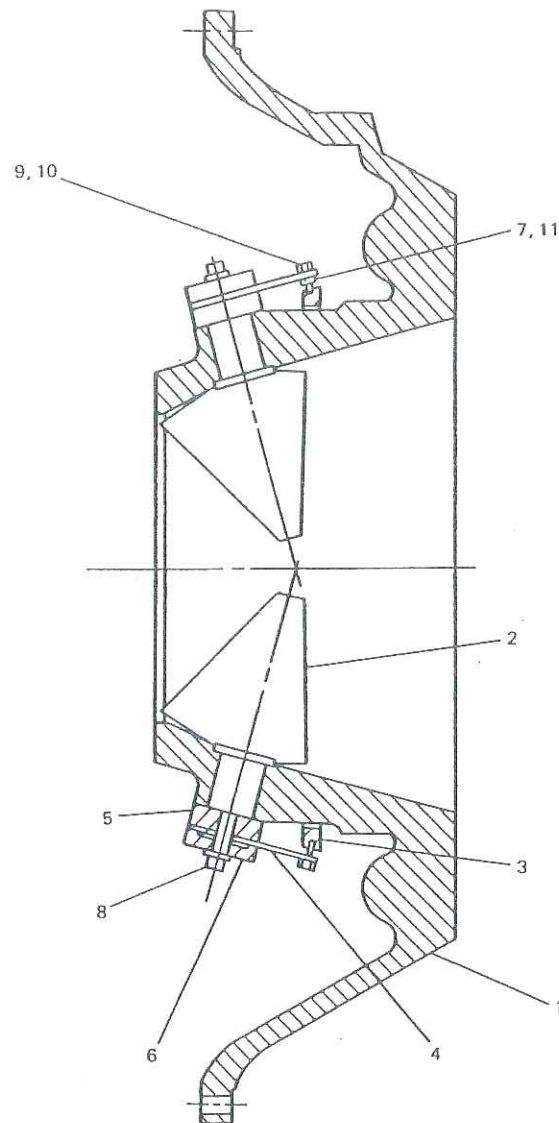


ITEM	PART DESCRIPTION	MODELS					
		LTD53		LTD59		LTD67	
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.
1	HOUSING, PRE-ROTATION	064-14519	1	064-14520	1	064-13486	1
2	VANE, PRE-ROTATION	064-09285	9	064-09285	9	064-10618	9
3	RING, VANE DRIVING	064-09286	1	064-09286	1	064-10815	1
4	ARM, VANE	064-09291	9	064-09291	9	064-10818	9
5	WASHER	064-09290	9	064-09290	9	064-10819	9
6	WASHER — SPECIAL	064-09289	9	064-09289	9	064-09289	9
7	WASHER	021-11973	10	021-11973	10	021-11973	10
8	SCREW, CAP 12PT. HD. 3/8—24UNF x 2 LG.	021-11742	9	021-11742	9	021-11956	9
9	SCREW, BALL	029-07017	9	029-07017	9	029-07017	9
10	NUT, HEX, 1/4—28UNF 33	021-12943	9	021-12943	9	021-12943	9

ITEM	PART DESCRIPTION	MODELS					
		LTD76		LTD85		LTD95	
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.
1	HOUSING, PRE-ROTATION	064-13485	1	064-13481	1	064-13482	1
2	VANE, PRE-ROTATION	064-10618	9	064-08822	8	064-08822	8
3	RING, VANE DRIVING	064-10815	1	064-08813	1	064-08813	1
4	ARM, VANE	064-10818	9	064-08814	8	064-08814	8
5	WASHER	064-10819	9	064-09061	8	064-09061	8
6	WASHER — SPECIAL	064-09289	9	064-08815	8	064-08815	8
7	WASHER	021-11973	10	021-11973	10	021-11973	10
8	SCREW, CAP 12PT. HD. 3/8—24UNF x 2 LG.	021-11956	9	021-11743	8	021-11743	8
9	SCREW, BALL	029-07017	9	029-07017	8	029-07017	8
10	NUT, HEX, 1/4—28UNF 33	021-12943	9	021-12943	8	021-12943	8

FIG. 36— PREROTATION VANE ASSEMBLY LTD53 THRU LTD95

PREROTATION VANE HOUSING **COMPRESSOR — MODELS LTD108, LTD120, AND LTD126**

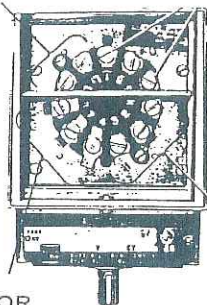


ITEM	PART DESCRIPTION	MODELS					
		LTD108		LTD120		LTD126	
		PART NO.	QUAN.	PART NO.	QUAN.	PART NO.	QUAN.
1	HOUSING, PRE-ROTATION	064-33704	1	064-33705	1	064-33706	1
2	VANE, PRE-ROTATION	064-22767	8	064-22767	8	064-22767	8
3	RING, VANE DRIVING	064-22727	1	064-22727	1	064-22727	1
4	ARM, VANE	064-22658	8	064-22658	8	064-22658	8
5	WASHER	064-22660	8	064-22660	8	064-22660	8
6	WASHER, SPECIAL	064-22659	8	064-22659	8	064-22659	8
7	WASHER	021-11973	10	021-11973	10	021-11973	10
8	SCREW, CAP	021-12347	8	021-12347	8	021-12347	8
9	SCREW, BALL	029-07017	8	029-07017	8	029-07017	8
10	NUT, HEX 1/4-28UNF 3B	021-12943	8	021-12943	8	021-12943	8
11	WASHER	021-10189	16	021-10189	16	021-10189	16

FIG. 37 — PREROTATION VANE ASSEMBLY LTD108, LTD120 AND LTD126

VANE MOTOR
FIELD POWER SUPPLY
(TERMINALS L1-L2)

VMS - VANE
MOTOR SWITCH
(TERMINALS 1 & 6)



VMP
VANE MOTOR
POTENTIOMETER
(TERMINALS 4-7-8)

VANE MOTOR
SHUNTING
COILS
(TERMINALS
X-2-3)
TO DRIVE MO-
TOR TO THE
OPEN OR CLOS-
ED POSITION,
SHORT TER-
MINALS 2 OR 3
TO GROUND

PRV ACTUATORS - ELECTRIC

MODEL	QUAN.	BARBER COLEMAN
LTD53	1	025-17174
LTD59	1	
LTD67	1	
LTD76	1	
LTD85	1	025-17605
LTD95	1	
LTD108	1	025-17175
LTD120	1	
LTD126	1	

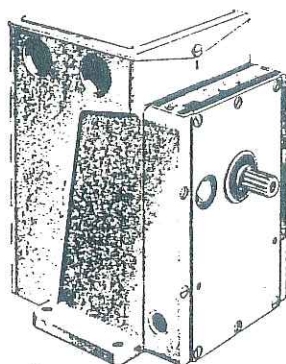


FIG. 38—ELECTRIC MOTOR ACTUATORS

PRV - AIR OPERATED (PNEUMATIC) - POSITIONER

COMPR. MODEL	PART NO.	QUAN.
LTD53 LTD59 LTD67 LTD76	024-09599	1
LTD85 LTD95	024-09425	1
LTD108 LTD120 LTD126	024-07708	1

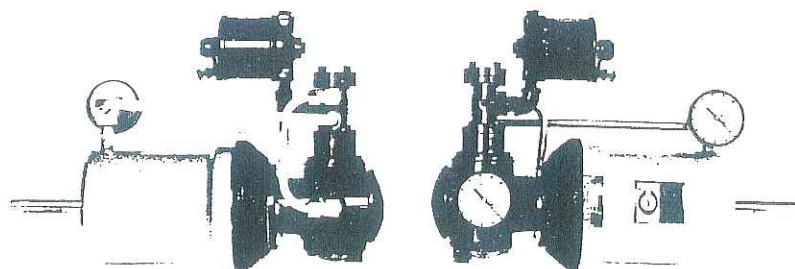
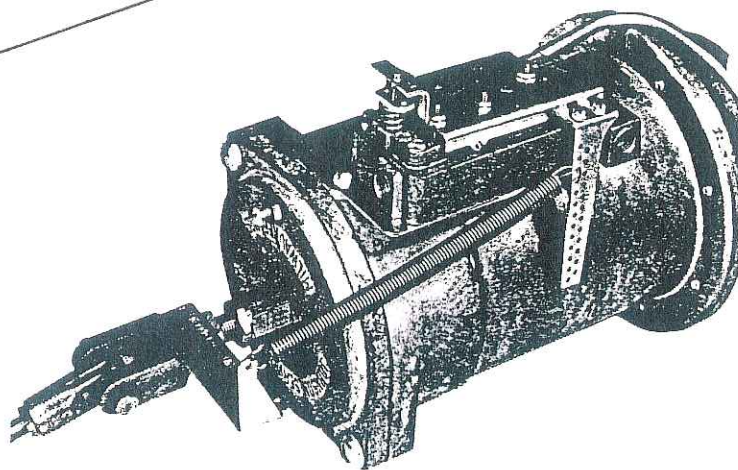


FIG. 39— PRV - AIR OPERATED (PNEUMATIC) - POSITIONER

AUXILIARY OIL PUMPS

DESCRIPTION	PART NO.	REPLACEMENT SEAL ASSEMBLY
Counter-Clockwise type	026-17734	364-34971T
Clockwise Type		
Bare Pump	026-17733	
Pump Assembly (Pump & Motor)		364-34971T
115/230V-60 Cycle	026-17735	
230/460V-60 Cycle	026-17737	
110/220V-50 Cycle	026-17739	
220/280V-50 Cycle	026-17741	

OLD STYLE PUMPS (P/N'S 026-09306 AND 026-13605) UTILIZE SEAL 026-10904.

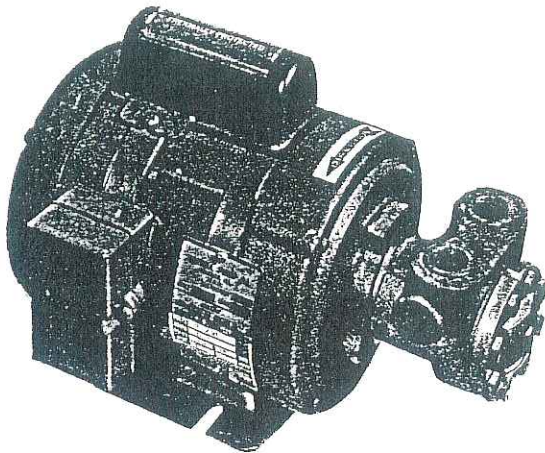
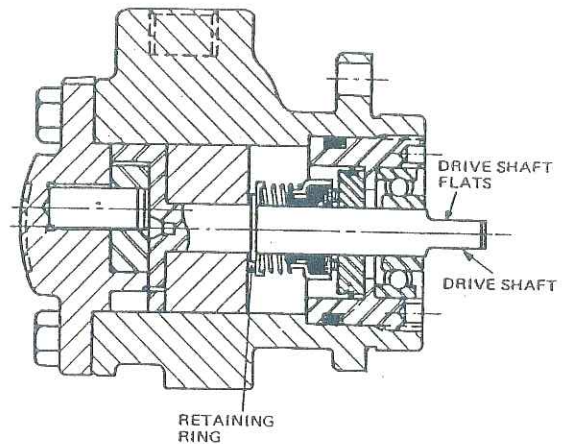


FIG. 40— AUX. OIL PUMP



1LPF-7010

FIG. 41 — REPLACEMENT SEAL ASSEMBLY

TABLE 5— OIL HEATERS

MODEL	DESCRIPTION	PART NO.	QUAN.
LTD 53	600 W —	025-16340	1
LTD 59	450 W —	025-09432	1
LTD 67			
LTD 76	600W —	025-13941	
LTD 85			
LTD 95	600 W —	025-13941	2
LTD 108			
LTD 120	600W —	025-16340	1
		025-13941	1

TABLE 6— OIL HEATER THERMOSTAT

MODEL	PART NO.	QUAN.
LTD53	025-16593	1
LTD59		
LTD67		
LTD76		
LTD85		
LTD95		
LTD108		
LTD120		
LTD126		

TABLE 7— OIL LEVEL FLOAT SWITCHES

MODEL	PART NO.	QUAN.
LTD 53	025-16523	1
LTD 59		
LTD 67		
LTD 76		
LTD 85		
LTD 95		
LTD 108		
LTD 120		
LTD 126		

TABLE 8— HIGH OIL TEMP. CONTROL (HOT)

MODEL	PART NO.	QUAN.
LTD 53	025-15381-003	1
LTD 59		
LTD 67		
LTD 76		
LTD 85		
LTD 95		
LTD 108		
LTD 120		
LTD 126		

TABLE 9— COMPRESSOR TOOLS

TOOL DESCRIPTION	COMPRESSOR — TOOL PART NO.					
	LTD53—LTD59	LTD67—LTD76	LTD85—LTD95	LTD85—LTD95 (1-1/2 x 1-1/4 COUPLING)	LTD108, LTD120 LTD126	LTD108, LTD120 LTD126—(1-1/2 x 1-1/4 COUPLING)
COMPLETE TOOL KIT	464-18722	464-18723	464-18724	464-24521	464-25730	464-25753
WRENCH FOR HOLDING COMPR. SHAFT	(2) 364-06619	(2) 364-06619	(2) 364-06619	(1) 364-06619 (1) 364-16731	364-16731	(1) 364-16731 (1) 364-14916
WRENCH FOR REMOVAL OF HIGH SPEED OIL PUMP CONSISTING OF: TOOL, OIL PUMP PINS BAR-WRENCH HANDLE	064-17324 (2) 064-20376 064-13583	164-17301 (2) 064-20376 064-13583	064-21481 (4) 064-20376 064-21534	064-21481 (4) 064-20376 064-21534	064-25581 (4) 064-20376 (2) 064-13583	064-25581 (4) 064-20376 (2) 064-13583
EYEBOLTS: 3/4" 7/8"	021-00307 —	021-00307 —	021-00307 —	021-00307 —	(2) 021-00307 (2) 021-07703	(2) 021-00307 (2) 021-07703
GUIDE STUDS, 5/8" x 7-1/2" LG.	(3) 064-06798	(3) 064-06798	(3) 064-06798	(3) 064-06798	—	—
PIN, 3/8" x 7-1/2" LG.	(2) 064-18716	(2) 064-18716	(2) 064-18716	(2) 064-18716	064-18716	064-18716
STUD, PRV REMOVAL NUTS — 1/2-20UNF	064-14500 (2) 021-00483	064-14500 (2) 021-00483	064-14500 (2) 021-00483	064-14500 (2) 021-00483	064-14500 (2) 021-00483	064-14500 (2) 021-00483
BAR, 1-1/2" DIA. x 7" LG.	064-17327	064-17327	064-17327	064-17327	—	—
BAR, HEX. FOR H.S. SHAFT THREAD, COMPOUND	— 464-14934	— 464-14934	064-28204 464-14934	064-28204 464-14934	064-17715 464-14934	064-17715 464-14934
SCREW, SET HEX, SOCK. 1/2-20UNF x 1" LG.	—	—	—	—	(4) 021-12234	(4) 021-12234
PACKAGING	330-20298	330-20298	330-20298	330-20213	330-20445	330-20450
WRENCH CPLG. 1-1/4 YORK FLEX C	—	—	—	364-16816	—	—
PIN, 3/4 DIA. x 7-1/2" LG.	—	—	—	(3) 064-33523	(3) 064-33523	(3) 064-33523

TABLE 10— TOOLS

DESCRIPTION	PART NO.
PLIERS, WALDLES TRUARC. NO. 5	029-08590
PLIERS, WALDLES TRUARC. NO. 7	029-07934
HAND OIL PUMP	070-10654
HAND OIL PUMP SEAL	026-10904

TABLE 11— LUBRICANTS, OILS AND COMPOUNDS

DESCRIPTION	PART NO.
THREAD COMPOUND, ARI HIGH PRESSURE — 1/4 PT. CAN	464-14934
COATING LUBRICANT — MOLYKOTE, TYPE Z — 2 OZ. CAN	364-21508
OIL, YORK REFRIGERATION — TYPE B, — 5 GAL. CAN	011-00309

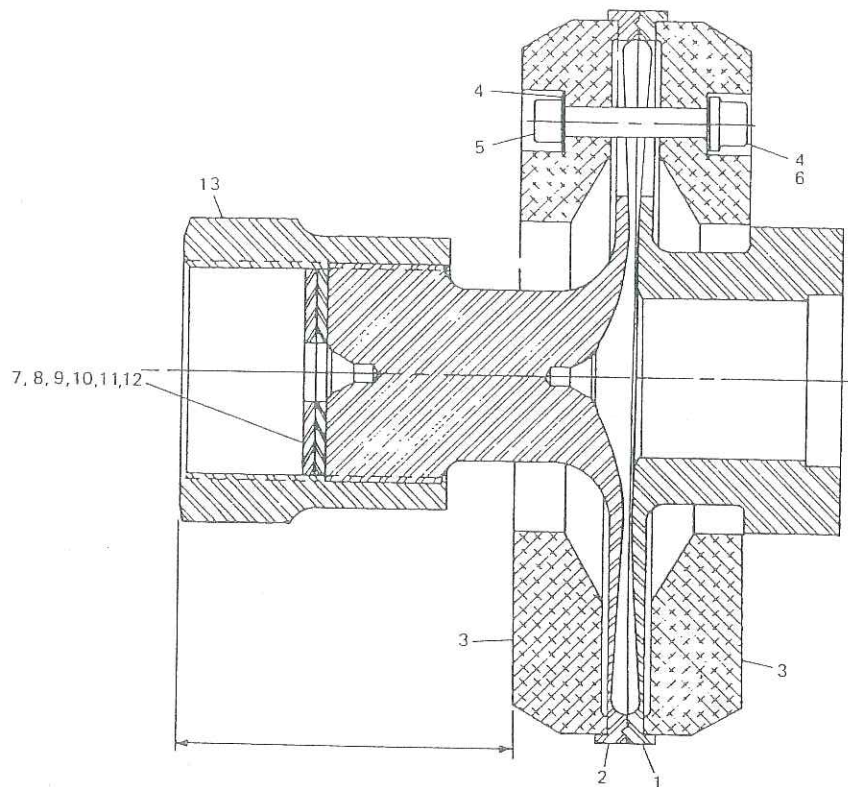


FIG. 42 — COUPLING

ITEM	DESCRIPTION	LTD 53-59-50 HZ.		LTD 108, 120,126-50/60 HZ.		LTD 108, LTD 85&95-50/60 HZ.		LTD 108, 120,126-5 HZ.	
		1-1/4 x 1 364-27522		1-1/2 364-22205		1-1/2 x 1-1/4 364-24518		1-7/8 x 1-1/2 364-21794	
		Part No.	Quan.	Part No.	Quan.	Part No.	Quan.	Part No.	Quan.
1	Disk, CPLG (Drive)	064-18147	1	064-18134	1	064-18134	1	064-14386	1
2	Disk, CPLG (Driven)	064-27521	1	064-18133	1	064-24519	1	064-21793	1
3	Ring Clamp	064-24650	2	064-22204	2	064-22204	2	064-24651	2
4	Washer, CPLG	064-14393	6	064-13865	6	064-13865	6	064-13865	10
5	Screw	021-13189	3	021-12880	3	021-12880	3	021-13191	5
6	Nut, 1/4-28 UNF-38	021-12109	3	021-11675	3	021-11675	3	021-11675	5
7	Spacer .083 Thk.	064-27519-001	1	-----	—	064-16817-001	1	-----	—
8	Spacer .086 Thk.	064-27519-002	1	-----	—	064-16817-002	1	-----	—
9	Spacer .089 Thk.	064-27519-003	1	-----	—	064-16817-003	1	-----	—
10	Spacer .092 Thk.	064-27519-004	1	-----	—	064-16817-004	1	-----	—
11	Spacer .098 Thk.	064-27519-005	1	-----	—	064-16817-005	1	-----	—
12	Spacer .110 Thk.	064-27519-006	1	-----	—	064-16817-006	1	-----	—
13	Nut, 12 pt.	064-27520	1	064-16738-001	1	064-18164	1	064-18164	1
7	Spacer .105 Thk.	-----	—	064-16765-001	1	-----	—	064-16765-001	1
8	Spacer .110 Thk.	-----	—	064-16765-002	1	-----	—	064-16765-002	1
9	Spacer .115 Thk.	-----	—	064-16765-003	1	-----	—	064-16765-003	1
10	Spacer .120 Thk.	-----	—	064-16765-004	1	-----	—	064-16765-004	1
11	Spacer .130 Thk.	-----	—	064-16765-005	1	-----	—	064-16765-005	1
12	Spacer .150 Thk.	-----	—	064-16765-006	1	-----	—	065-16765-006	1

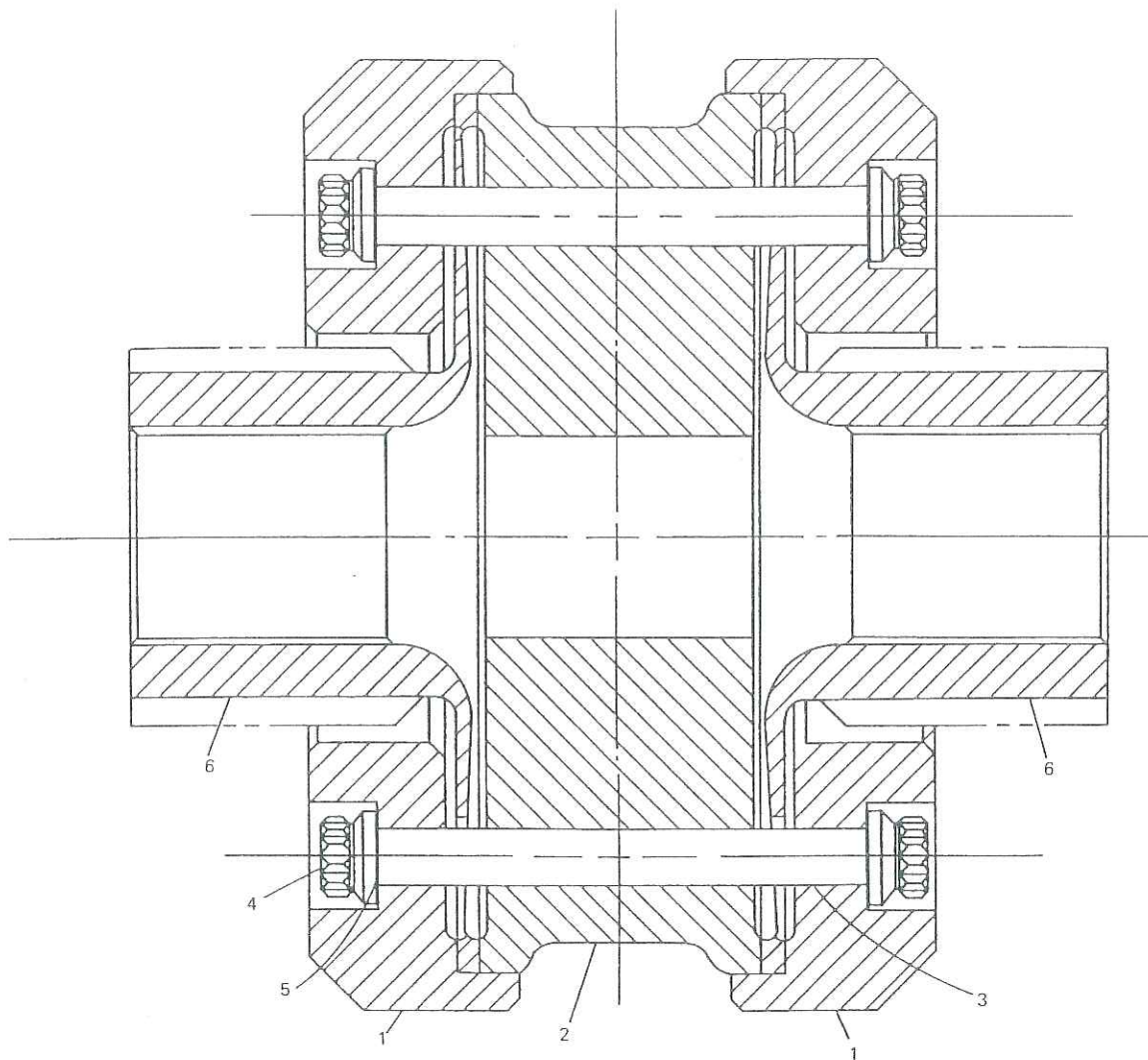


FIG. 43 — COUPLING YORK FLEX

ITEM	DESCRIPTION	QUAN.	Coupling 064-06398 Part No.	Coupling 064-06503 Part No.
1	Ring Clamp	2	064-06351	064-06500
2	Disk Coupling Center	1	064-06352	064-06502
3	Bolt	8	064-16649-003	064-13649-004
4	Nut	16	021-11675	021-10260
5	Washer	16	064-13650-004	064-13650-001
6	Disk	2	064-06397	064-06501
7	Shim	5	064-06165	064-06777
8	Shim	5	064-06164	064-06776

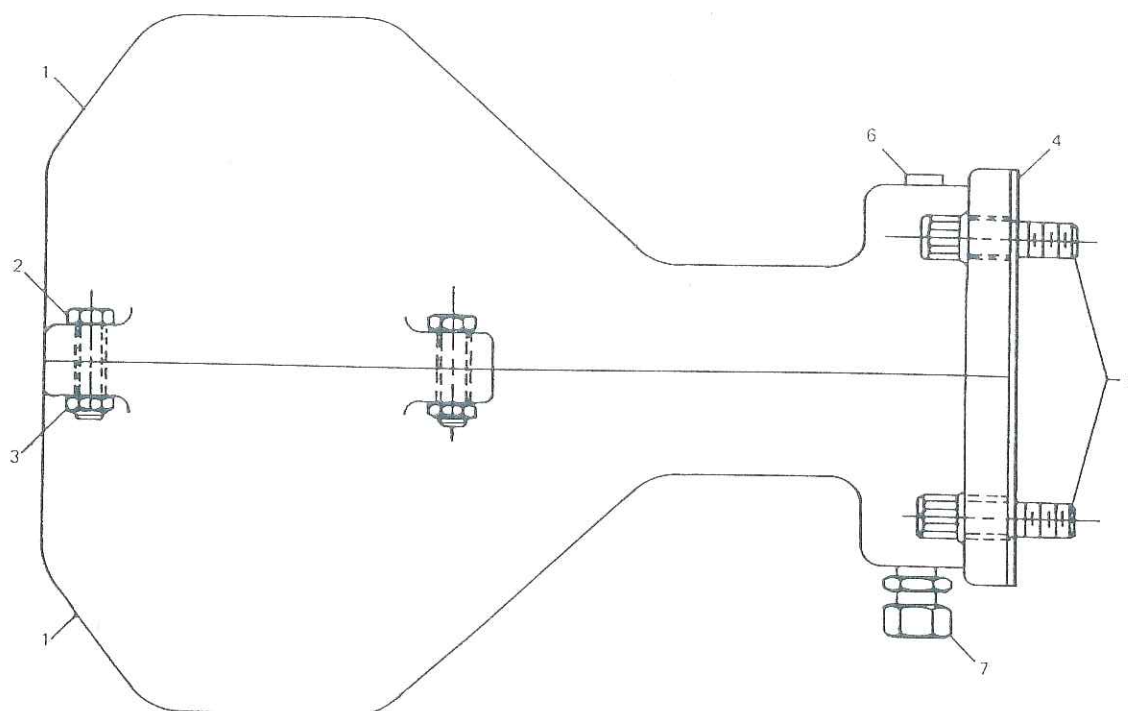


FIG. 44 — COUPLING GUARD

ITEM	DESCRIPTION	PART NUMBERS								Q U A N.
		Size	1"	1-1/4 X 1	1-1/4"	1-1/2x1-1/4	1-1/2x1-1/4	1-1/2	1-7/8x1-1/2	
		Compr. Model	LTD 53-59	LTD 53-59	LTD 67-76 LTD 85-95	LTD 67-76	LTD 85-95	LTD 108, 120, 126	LTD 108, 120, 126	
		Part No.	364-33571	364-33576	364-33572	364-33577	364-33573	364-33574	364-33578	
		HZ.	50/60	50	50/60	50	50/60	50/60	50	
1	Guard		064-22737	064-27524	064-22703	064-22739	064-74522	064-22740	064-22741	2
2	Scr. Cap 12 pt. Hd. 1/4-20 x 1" Lg.		021-11737	021-11737	021-11737	021-11737	021-11737	021-11737	021-11737	4
3	Nut, Hex 1/4-20 UNC		021-00450	021-00450	021-00450	021-00450	021-00450	021-00450	021-00450	4
4	Gasket		064-22744	064-22744	064-22705	064-22705	064-22705	-----	-----	1
5	Scr. Cap 12 pt. Hd. 3/8-16 X 3/4 Lg.		021-12120	021-12120	021-12120	021-12120	021-12120	021-12120	021-12120	4
6	Plug Pipe 1/8 M.P.T. Ctsk.		023-01970	023-01970	021-01970	021-01970	021-01970	021-01970	021-01970	1
7	Connector, 1/4 Tube x 1/8 M.P.T.		023-07151	023-07151	023-07151	023-07151	023-07151	023-07151	023-07151	1



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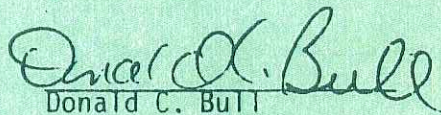
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York P/N 026-17735 is a single voltage 115 volt only. NOT 115/230 as the book states.

York P/N 026-17741 is 190/380 volts, 3 phase, 50 cycle. NOT 220/280 volts as the book states.


Donald C. Bull
Product Service Engineer