

Model 9910-D12GRGI Diaphragm Pumps

Bypass Hose Barb Connect directly to tank without restrictions or ball valves.

NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

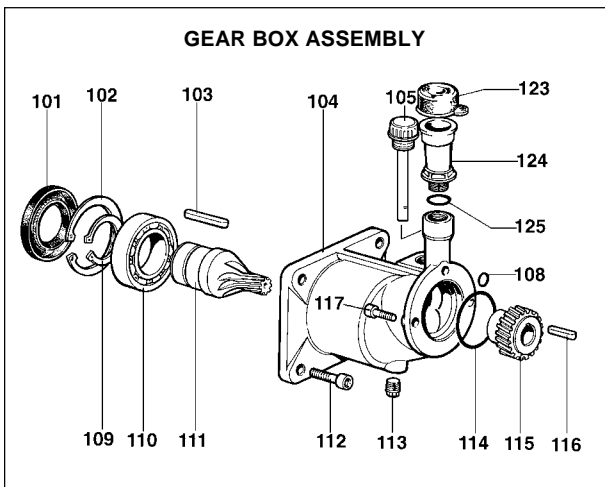
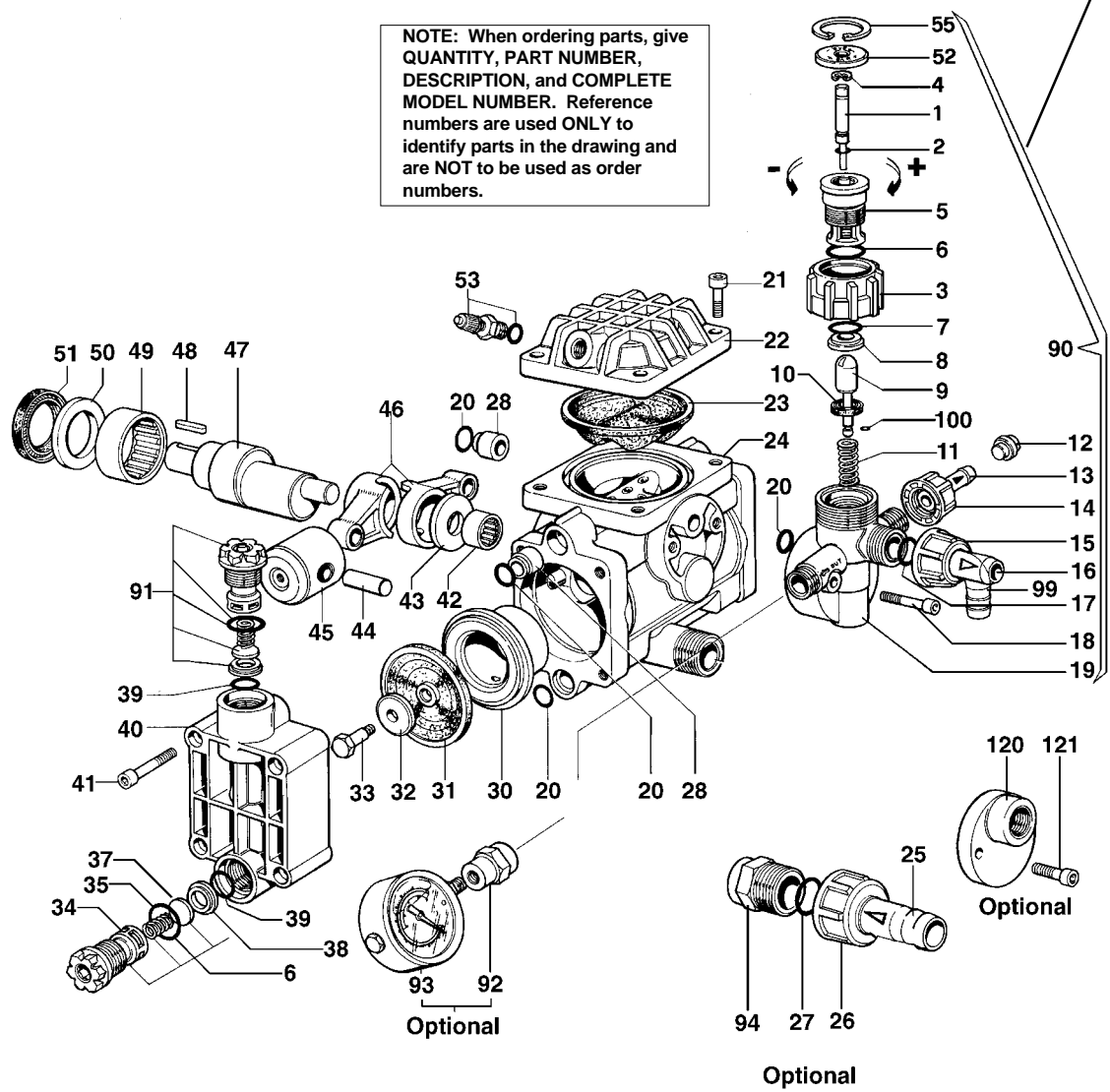


Figure 26

Ref. No.	Part Number	Description	Qty.
1	9910-1200700	Valve Stem	1
2	9910-1080190	O-Ring	1
3	9910-1200361	Adjustment Knob	1
4	9910-395260	Retaining Ring	1
5	9910-1200371	Seat Retainer	1
6	9910-480440	O-Ring	5
7	9910-1200690	O-Ring	1
8	9910-1200380	Valve Seat	1
9	9910-1200390	Regulator Stem	1
10	9910-1200410	Seal	1
11	9910-1200420	Spring	1
12	9910-800540	Plug	1
13	9910-800531	Hose Barb 3/8"	2
14	9910-800520	Hose Barb Nut	2
15	9910-1200330	Hose Barb Nut	1
16	9910-1200340	Hose Barb 1/2"	4
17	9910-390080	O-Ring	1
18	9910-1200440	Bolt	2
19	9910-1200400	Control Unit Body	1
20 ¹	9919-880840	O-Ring	6
21	9910-180030	Bolt	4
22	9910-1200230	Pulsation Dampener Cover	1
23 ¹	9910-1200190	Pulsation Dampener Diaphragm	1
24	9910-1200010	Body (D12)	1
25	9910-800340	Hose Barb	1
26	9910-550450	Hose Barb Nut	1
27	9910-390180	O-Ring	1
28	9910-1200220	Connecting Ring	3
30	9910-1200110	Cylinder Sleeve	2
31	9910-1200086	Diaphragm, Desmopan (Std.)	2
31 ¹	9910-1200080	Diaphragm, Buna-N (Opt.)	2
32	9910-1200300	Washer	2
33	9910-1200090	Bolt	2
39 ²	9910-394280	O-Ring	5
40	9910-1200100	Head	2
41	9910-800410	Bolt	8
42	9910-1200310	Bearing	1
43	9910-1200160	Spacer	1
44	9910-1200130	Wrist Pin	2

Ref. No.	Part Number	Description	Qty.
45	9910-1200120	Piston	2
46	9910-1200170	Connecting Rod	2
47	9910-1200170	Shaft	1
48	9910-1200450	Key	1
49	9910-1200180	Bearing	1
50	9910-1200150	Thrust Ring	1
51	9910-1200200	Seal	1
52	9910-1200351	Valve Disc	1
53	9910-1200280	Air Valve/O-Ring Assembly	1
55	9910-1200710	Retaining Ring	1
90	9910-KIT1994	Regulator Assembly	1
91 ²	9910-1209050	Valve Assembly	2
92	9910-801060	Adapter	Opt.
93	2641-0005	Gauge	Opt.
94	9910-1200850	Adapter	1
99	9910-1200860	Hose Barb 1/2" Elbow	1
100	9910-1200890	O-Ring	1
101	9910-881660	Seal	1
102	9910-881670	Retaining Ring	1
103	9919-881090	Key	1
104	9910-1201000	Body-Gearbox	1
105	9910-880130	Dipstick	1
106	99101200030	Plug	1
107	9910-394280	O-Ring	1
108 ¹	9910-880840	O-Ring	2
109	9910-320242	Retaining Ring	1
110	9910-881650	Bearing	1
111	9910-1201030	Pinion Gear 5/8" Hollow	1
112	9910-620440	Bolt	4
113	9910-620301	Plug	1
114	9910-1200980	O-Ring	1
115	9910-1201010	Gear	1
116	9910-1200450	Key	1
117	9910-780330	Bolt	2
118	9910-1200650	3/8" Flange (Optional)	1
119	9910-1040370	Bolt (Optional)	2
123	9910-880330	Oil Reservoir Plug	1
124	9910-1201100	Oil Reservoir	1
125	9910-770140	O-Ring	1

¹ Denotes Diaphragm 9910-KIT1882

² Denotes Valve 9910-KIT1992

Ref. No.	Description	Tightening Torque	
		In. Lbs.	Nm
17	Bolt	87.5	9.8
21	Bolt	218.7	24.5
33	Bolt	87.5	9.8
41	Bolt	87.5	9.8
112	Bolt	218.7	24.5
117	Bolt	218.7	24.5
121	Bolt	87.5	9.8

Diaphragm Kit 9910-KIT1882	
Ref No.	Qty.
20	6
23	1
31	2
108	1

Valve Kit 9910-KIT1992	
Ref No.	Qty.
39	5
91	2