

Parts

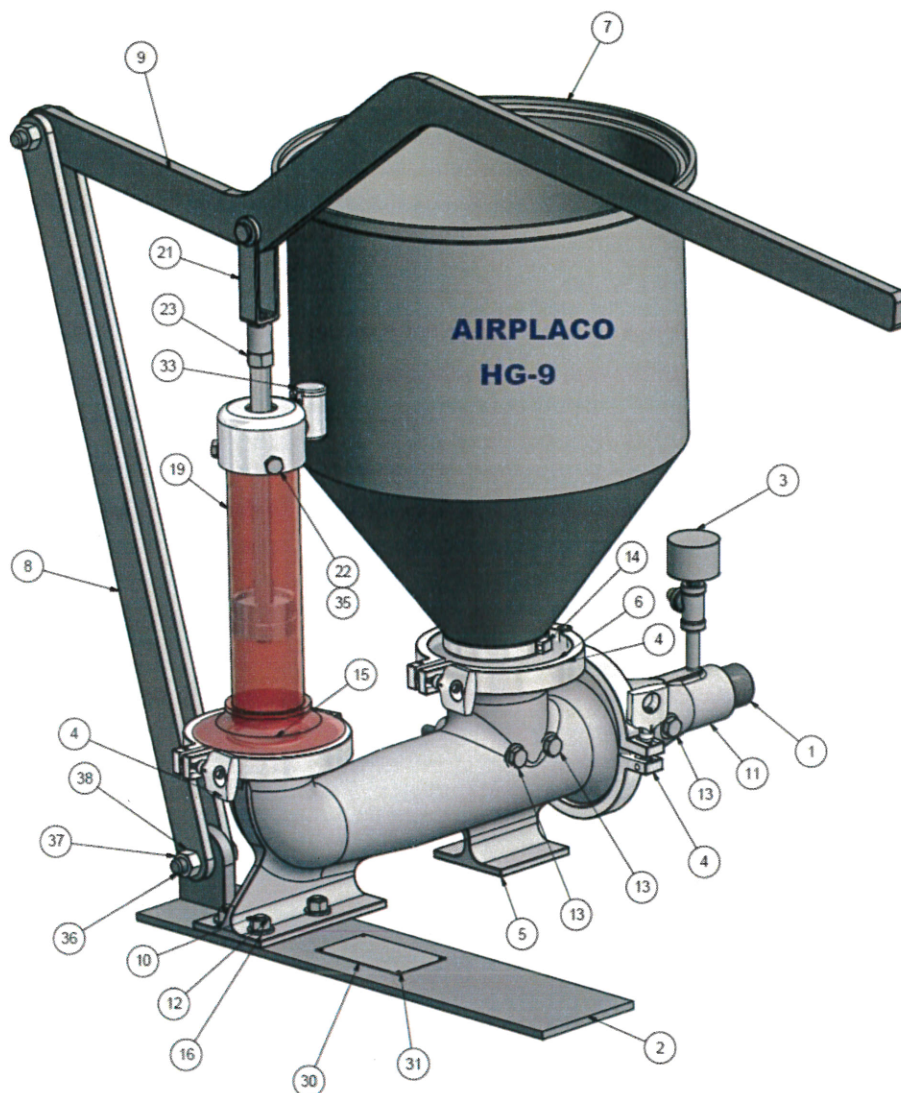


Figure 1

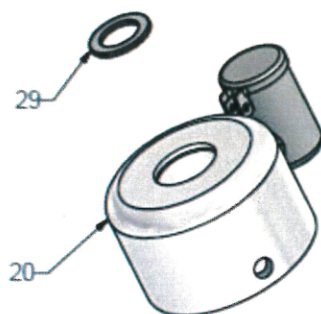
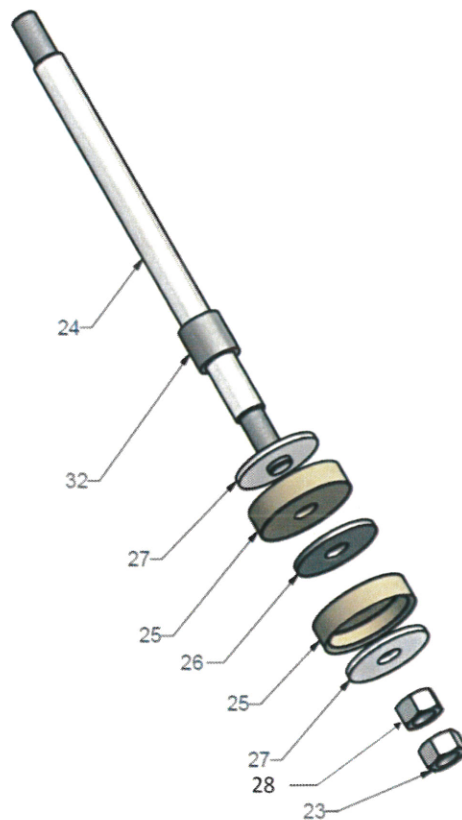
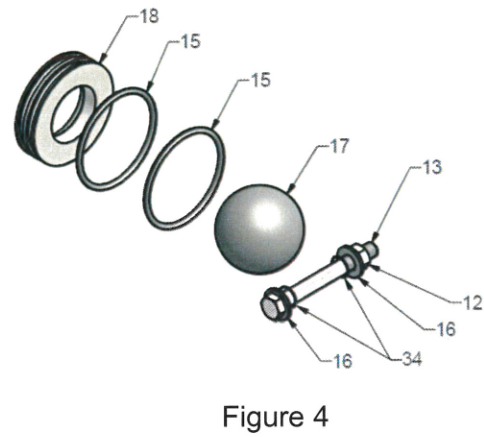
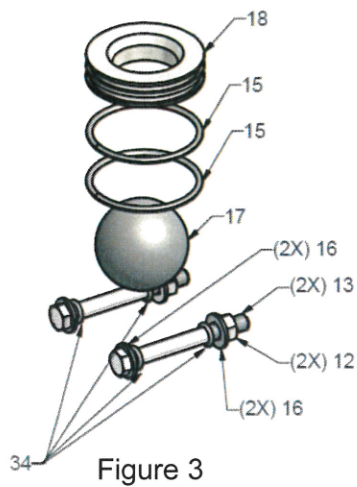


Figure 2



NOTE:

The self-sealing nut should be tightened against the piston assembly just to the point that the outer lip of the piston cup starts to distort (13 FT-LBS or 156 IN-LBS recommended). Over-tightening can cause an excessive pump actuation force, while under-tightening could result in material blow by. Do not apply Loctite to the jam nuts, as their removal will be required for future piston cup service.

ITEM	DESCRIPTION	PART NO.
1	Nipple Close 1"	9404005G
2	Base Plate	706345
3	Gauge	613651
4	Clamp	7501168
5	Pump Housing	706335
6	Hopper Flange	706339
7	Hopper	706336
8	Connecting Bar	706343
9	Handle	706340
10	Bolt - Base Plate	8044050
11	Discharge Nozzle	706337
12	Nut - Base Plate, Ball Stop	8160003
13	Bolt - Ball Stop	8041061
14	Clamp - Hopper	7501080
15	O-Ring - Ball Seat	9531139
16	Washer - Ball Stop, Base Plate	8172009
17	Ball (Type 2)	1320008
18	Ball Seat	720970
19	Cylinder Weldment	706806
20	Cylinder Cap	720636
21	Clevis	645105
22	Set Screw - Cylinder Cap	7901527
23	Nut – Clevis, Pump	8150005
24	Shaft, Pump	706341
25	Cup, Pump	645124
26	Plate, Back Up	645128
27	Plate, Back Up	645126
28	Self-Sealing Nut	7901774
29	O-Ring- Cylinder Cap	7801100
30	O-Ring - Cylinder Cap	7801100
31	Rivet	7901438
32	Stop Sleeve	706613
33	Oil Cup	7901320
34	O-Ring – Ball Stop Bolt	9531052
35	Nut – Cap	8143002
36	Bolt – Handle, Connecting Bar	8041098

ITEM	DESCRIPTION	PART NO.
37	Nut – Handle, Connecting Bar	8160005
38	Washer – Handle, Connecting Bar	8172011
39	Nipple - Short Gauge	9404000G
40	Nipple - Long Gauge	9411001G
41	Tee	9428000G
42	Reducer	9435000G

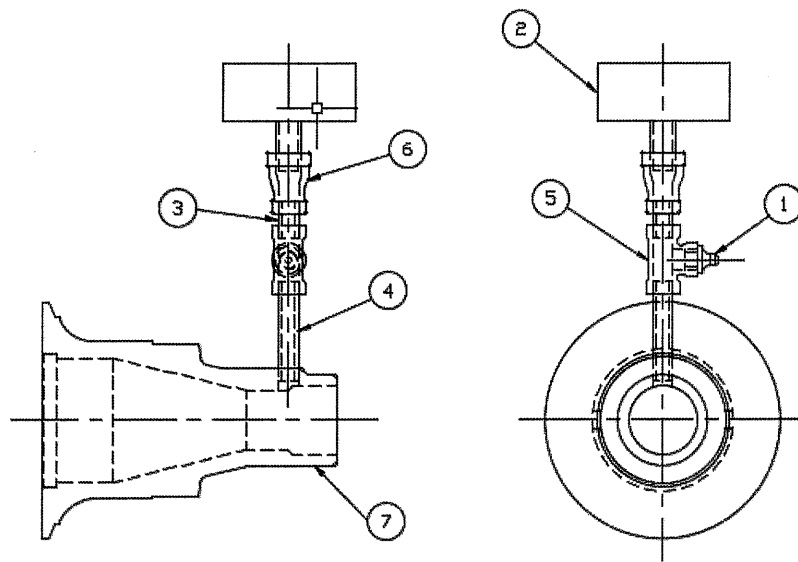


Figure 7

ITEM NO.	DESCRIPTION	PART NO.
	Air Gauge Assembly (Includes all parts below)	706546
1	Grease Fitting	103351
2	Pressure Gauge	613651
3	Pipe Nipple	9404000G
4	2" Pipe Nipple	9411001G
5	Tee	9428000G
6	Reducer	9435000G
7	Discharge Nozzle	706337

Recommended Spare Parts – Parts listed below can be ordered as kit part #720618.

1	Cap (1 each)	720636
2	Pump Cup (4 each)	645124
3	Ball (2 each)	1320008
4	Ball Seat (2 each)	720970
5	O-Ring (4 each)	9531139
6	O-Ring (1 each)	7801100

Material And Mix Data

NEAT CEMENT GROUT
(1" SQUARE AND 1' HIGH)

WATER/CEMENT RATIO BY VOLUME	UNIT WEIGHT IN POUNDS
0.75	.798
1.0	.736
1.25	.692
1.50	.660
1.75	.634
2.0	.614
2.25	.598
2.5	.584
2.75	.572
3.0	.562