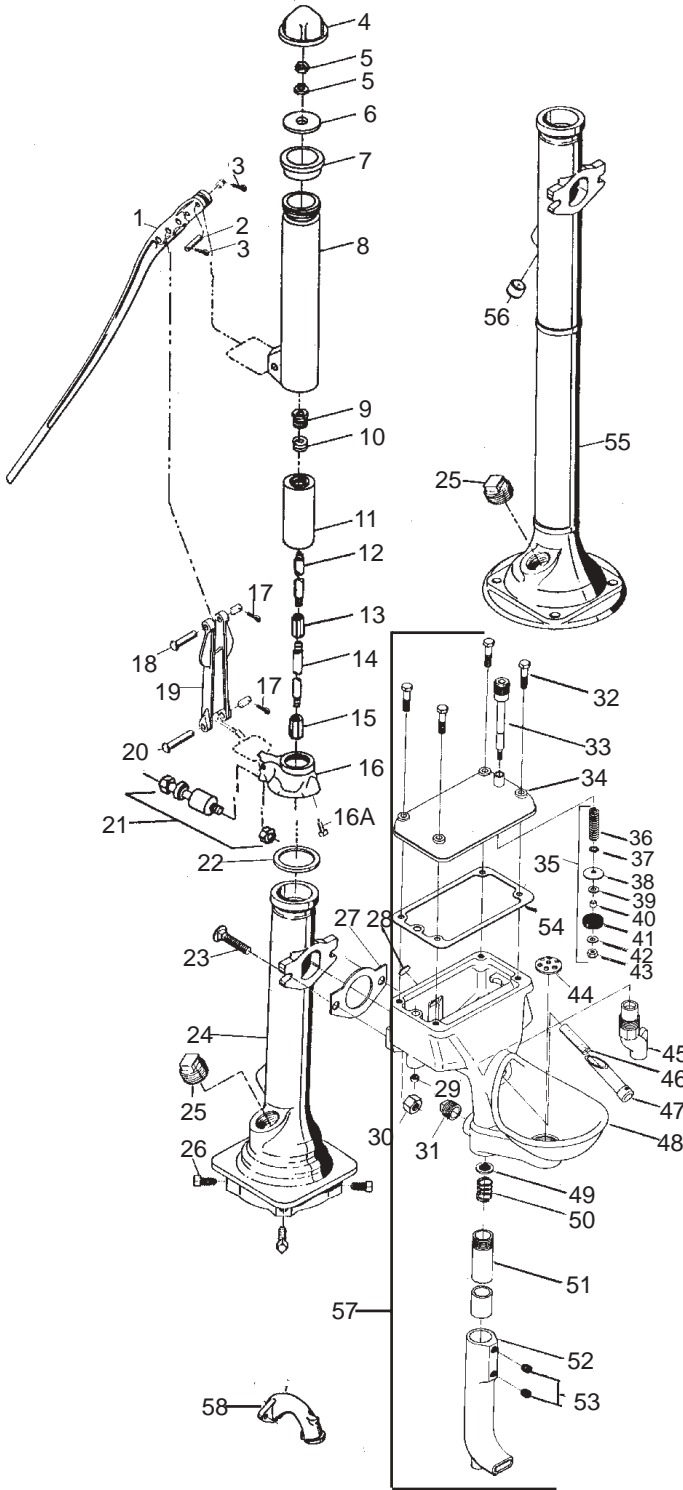


# Drinking Fountain Pumps

## Models 1DFHCS & 1DFHFS

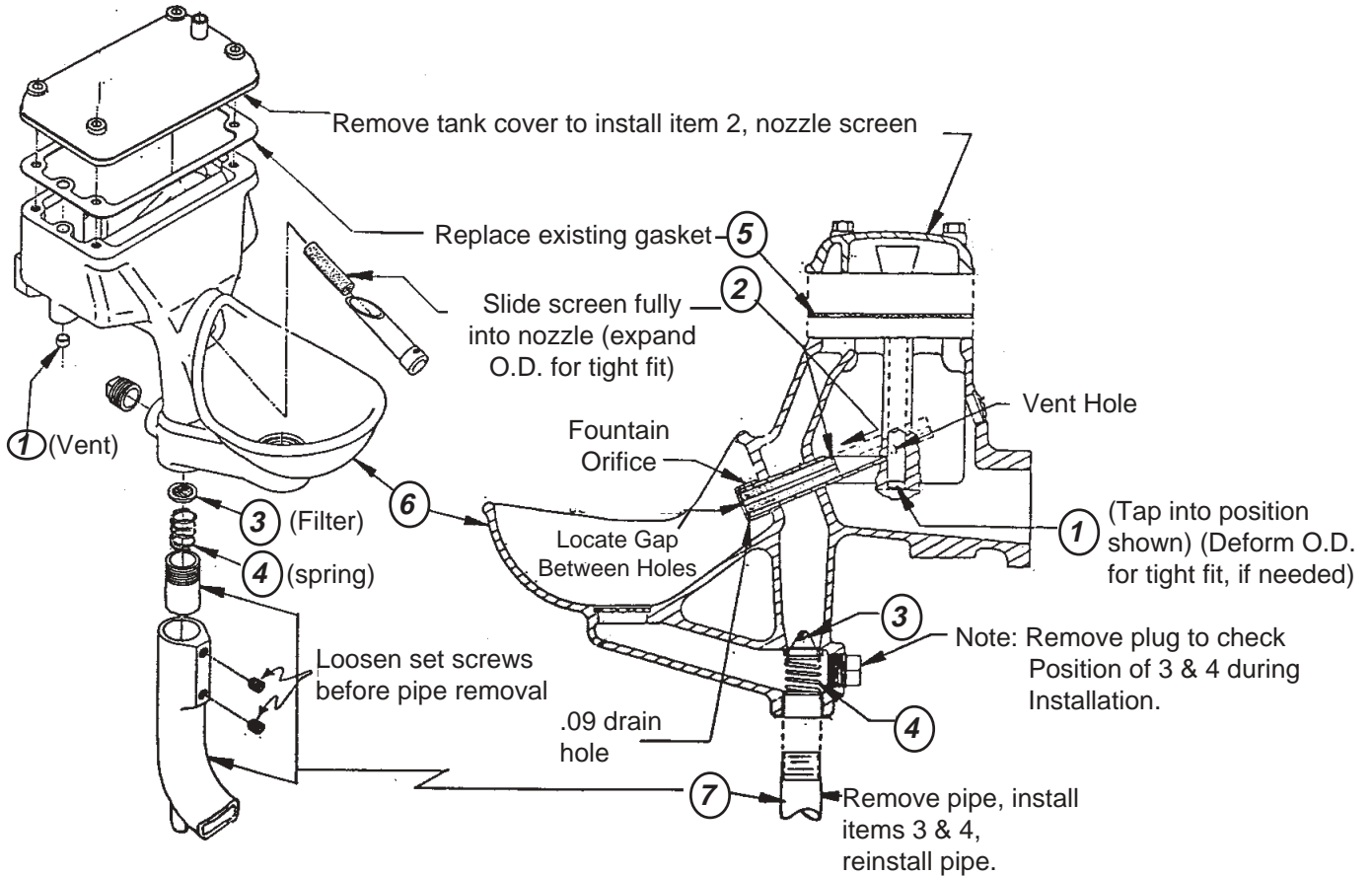


Model No.		1DFHCS & 1DFHFS	
Item	Qty	Description	Ord. No.
1	1	Handle & Pin Assby. includes #2 & 3	HF153
2	1	Pump Pin	HF61A
3	2	Cotter Pin	HF57
4	1	Top Cap	DP60P
5	2	Jam Nut	DP22
6	1	Piston Washer	DP62
7	1	Spacer Ring	DP61
8	1	Outer Shroud Assby	DP66P
9	1	Packing Nut	O31
10	1	Teflon Packing	DP134
11	1	Inner Shroud Assby	DP68P
12	1	Piston Rod 20 1/4" Long	DP72
13	1	Rod Coupling	7/16x7/16RC
14	1	Pump Rod Ext. (1DFHFS only) - 4-1/2" Pump Rod Ext. (1DFHCS only) - 13-3/8"	DP90 HD90
15	1	Rod Coupling	7/16x7/16RC
16	1	Cap	DP202P
16A	3	Set Screw 1/2-13NC x 1-1/2"	HD59
17	2	Cotter Pin	HD58
18	1	Fulcrum & Handle Pin	O54
19	1	Fulcrum includes #17, 18, 20	O400
20	1	Fulcrum & Cap Pin	O53
21	1	Rubber Bumper Assby.	10DP
22	1	Packing Washer	O81
23	2	Bolt-Tank to Base 7/16-14NC x 2" L.	DP70
24	1	Base Includes #25, 26 & 27 for 1DFHFS	HF50
25	1	Pipe Plug, 1" NPT	SW33
26	4	Set Screw-Base 1/2-13NC x 2" L.	HF33
27	1	Gasket-Tank to Base	DP11
28	1	Expansion Plug 1" Dia.	DP43
29	1	Screen Vent	PS585B
30	2	Nut, 7/16-14NC	PJ50
31	1	Pipe Plug- 3/4" NPT	DP20
32	4	Screw, 3/8-16 x 1-3/4" L.	TX15
33	1	Valve Handle & Shaft Assby.	DP56
34	1	Cover	DP53FRO
35	1	Valve Parts includes # 36 - 43	DP59
36	1	Valve Spring	DP40
37	1	Snap Ring	DP46
38	1	Spring Washer Cupped	DP47
39	1	Washer (Back up)	SW54
40	1	Spacer	DP48
41	1	Valve	SW11
42	1	Washer-Brass	UN243
43	1	Hex Lock Nut	DP49
44	1	Strainer	DP31
45	1	Spout	DP39
46	1	Nozzle Screen	DP197
47	1	Nozzle	DP30
48	1	Reservoir Assby, includes #27, 28, 29, 31, 44, 45, 46, 47, 49, 50 & 54	DP58
49	1	Filter Washer	DP196
50	1	Holding Spring	DP195
51	1	Drain Pipe 1" Std. Pipe x 23-3/16" L.	DP18
52	1	Drain Assby. includes #53	DP16
53	2	Set Screw 7/16-14NC x 1/2" L.	DP17
54	1	Cover Gasket	DP12
55	1	Base, includes #27, 25 & 56 for 1DFHCS	HC50
56	1	Screen Vent	PS585A
57	1	Fountain Assembly	158DP
---		Fountain Screening Kit inc. #29,46,49,50,54	199DP
58	1	Syphon Spout	O9



# Fountain Screening Kit

## Kit No. 199DP



Item	Qty	Description	Ord. No.
1	1	1/2" Vent Screen	PS585B
2	1	Nozzle Screen	DP197
3	1	1-1/4" O.D. Filter Washer	DP196
4	1	Helical Comp. Spring	DP196
5	1	Cover Gasket (New)	DP12
6	---	Existing Fountain	-----
7	---	Drain Assembly	-----



# Installation Instructions (For converting Old Style Only)

Model No.			100DPS
Item	Qty	Description	Ord. No.
1	1	Top Cap	DP60P
2	2	Jam Nut	DP22
3	1	Piston Washer	DP62
4	1	Spacer Ring	DP61
5	1	Outer Shroud Assembly	DP66P
6	1	Packing Nut	O31
7	1	Teflon Packing	DP134
8	1	Inner Shroud Assembly	DP68P
9	1	Piston Rod 20" long	DP52
10	1	Coupling 3/8"	PS182
11	1	Pump Cap (includes item #13)	DP202P
12	1	Gasket	O81
13	3	Set Screw	HD59
	1	Rubber Bumper Assembly	10DP

- Step 1. Remove handle and fulcrum from existing installation.
- Step 2. Loosen set screws and remove cap from the pump.
- Step 3. Lift piston rod and attach vise grip to insure the piston rod does not drop through pump base.

**IF CONVERTING OLD STYLE PUMP, EXISTING PACKING FLANGE AND PACKING NUT MUST BE REMOVED**

- Step 4. Remove the flat bar from piston rod.
- Step 5. Attach 3/8 coupling to the piston rod.
- Step 6. Attach piston rod from conversion kit to 3/8 coupling.
- Step 7. Remove vise grip.
- Step 8. Install pump cap assembly DP202P.
- Step 9. Enter teflon packing around piston rod at top of cap.
- Step 10. Screw in packing nut O31.
- Step 11. Install outer shroud DP66P.
- Step 12. Install spacer ring DP61.
- Step 13. Install piston washer DP62.
- Step 14. Fasten (2) jam nuts DP22 to top of piston.
- Step 15. Raise outer shroud and attach top cap DP60P tighten securely.
- Step 16. Replace fulcrum and attach handle to outer shroud.

**WHEN USED ON NEW INSTALLATION - FOLLOW HAND PUMP INSTALLATION INSTRUCTIONS**

