



Due to clearance concerns with the air valve you must turn the intake manifold so it faces the same direction as the discharge manifold for NDP-20 series FDA pumps.

Yamada America, Inc.
955 East Algonquin Rd
Arlington Heights, IL 60005
Phone: 847.631.9200
Fax: 847.631.9273
www.yamadapump.com

Model: NDP-20BSE-PP-FDA
Part # 851521-FDA



Reference			
No.	Description	Q'ty	Part No.
1	O-ring	4	643036
2	Valve Stopper	4	711701-EP
3	Ball	4	770736
4	Valve Seat	4	590086-EP
5	O-ring	2	771131
6	Diaphragm	2	771256-FDA
9	Out Chamber	2	711693-EP
12	O-ring	2	640151
13	Bolt	8	621159
13a	Wave Washer	8	631936
14	Bolt	12	621156
14a	Wave Washer	12	631937
15	Body Assembly	1	804603
16	Center Rod	1	710252
18	Cushion	2	771054
19	Manifold	2	831270-TC-EP
20	Valve Body Assembly	1	804608
21	Bolt	4	686031
22	Ball Valve	1	686019
24	Gasket	1	772848
25	Silencer	1	804697
26	Bolt	4	611148
27	Nut with Flange	4	682276
28	Pump Base	2	709157-XP
29	Cushion	4	770551
30	Center Disk	2	709153
31	Plain Washer	2	709152
32	Out Center Disk	2	709153-EP

Repair Kits

K20-ME-1-FDA Liquid Side Repair Kit

1	O-ring	4	643036
3	Ball	4	770736
5	O-ring	2	771131
12	O-ring	2	640151
6	Diaphragm	2	771256-FDA

K225-AP Air Side Repair Kit

18	Cushion	2	771054
15-2	Throat Bearing	2	772931
15-3	Packing	2	685414
15-4	O-ring	2	685276
15-5	Valve Seat	2	772932
15-6	O-ring	2	640009
15-7	Pilot Valve Assembly	2	802360
15-8	Spring	2	708666
15-9	Spring Seat	2	772948
15-11	O-ring	1	640132
15-12	Bushing	1	772933
20-2	O-ring	1	640002
20-4	O-ring	2	640043
20-5	Packing	1	771241
20-6 seal	Seal Ring	5	771053
20-7-*1	O-ring	6	686029
20-9	Cushion	1	771914

Body Assembly - 804603

Reference			
No.	Description	Q'ty	Part No.
15-1	Body	1	772928
15-2	Throat Bearing	2	772931
15-3	Packing	2	685414
15-4	O-ring	2	685276
15-5	Valve Seat	2	772932
15-6	O-ring	2	640009
15-7	Pilot Valve Assembly	2	802360
15-8	Spring	2	708666
15-9	Spring Seat	2	772948
15-10	Tapping Screw	13	686030
15-11	O-ring	1	640132
15-12	Bushing	1	772933

Air Valve Body Assembly - 804608

Reference			
No.	Description	Q'ty	Part No.
20-1	Rest Button	1	772991
20-2	O-ring	1	640002
20-3	Cap A	1	772946
20-4	O-ring	2	640043
20-5	Packing	1	771241
20-6	C Spool Valve Assy.	1	802400
20-6 seal	Seal Ring	5	771053
20-7	Sleeve Assembly	1	804609
20-7-*1	O-ring	6	686029
20-8	Valve Body Assembly	1	832903
20-9	Cushion	1	771914
20-10	Cap B	1	772947

NOTE: NDP-20 series FDA pumps come standard with a plastic center body

Yamada America, Inc.
955 East Algonquin Rd
Arlington Heights, IL 60005
Phone: 847.631.9200
Fax: 847.631.9273
www.yamadapump.com

