

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-50BSE-FDA
Model #: 852648FDA



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

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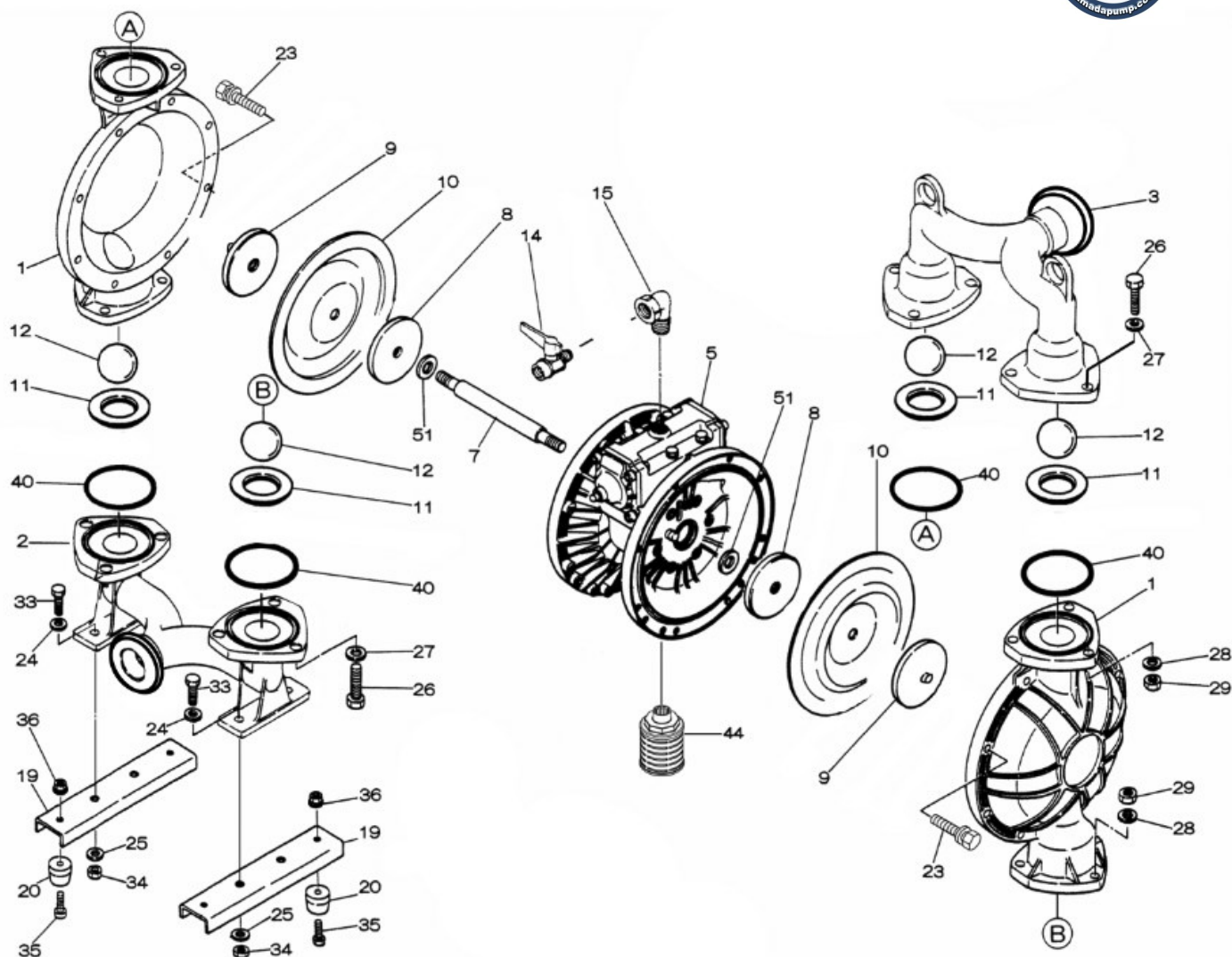
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

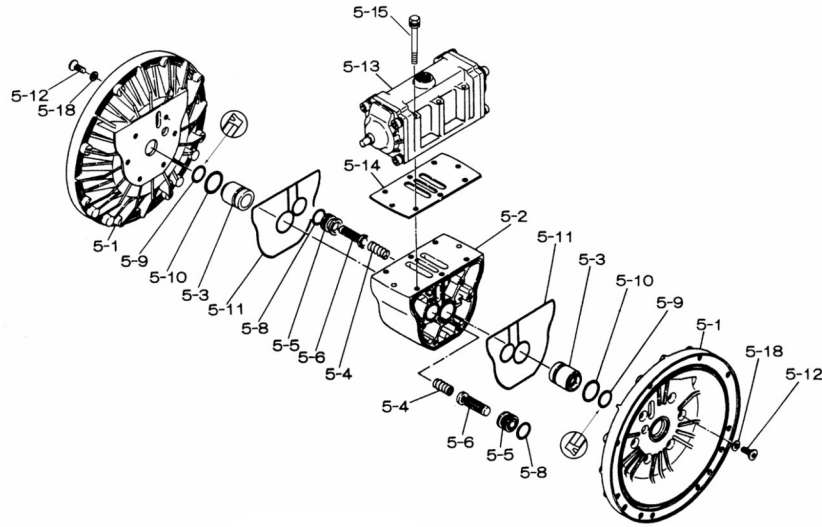
[Data Sheets](#) | [CAD Drawings](#) | [Manuals](#)
[Literature](#) | [BOM](#) | [Performance Curves](#)

Trial Program

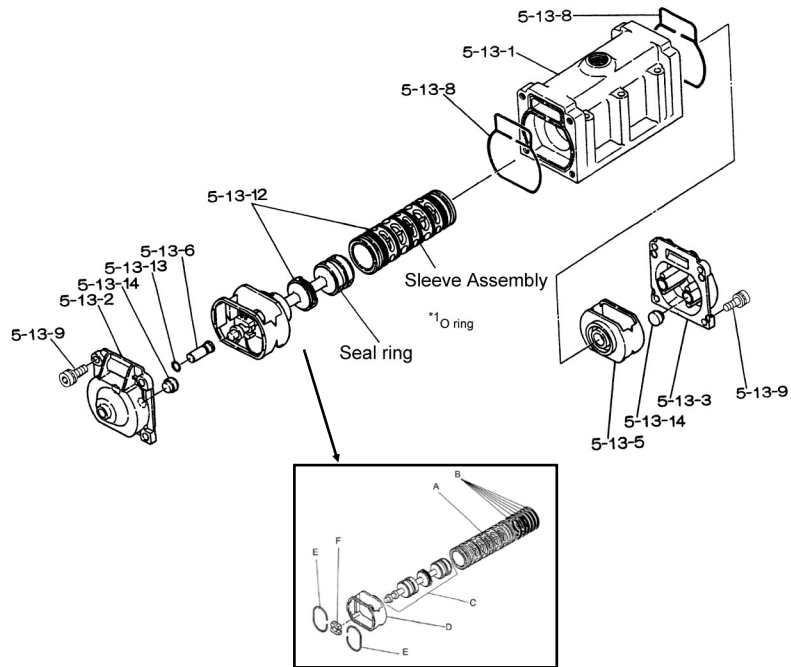


Air Operated Double Diaphragm Pump

■Body Assembly



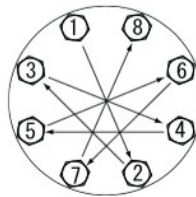
■Valve Body Assembly



Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	712932-EP	OUT CHAMBER	2
2	712559-TC-EP	IN MANIFOLD TC EP	1
3	712558-TC-EP	OUT MANIFOLD TC EP	1
5	803112-XP	CENTER BODY ASSY.	1
5- 1	711934-XP	AIR CHAMBER	2
5- 2	711936-XP	BODY	1
5- 3	780325	THROAT BEARING	2
5- 4	711937	PILOT VALVE SPRING	2
5- 5	771740	PILOT VALVE SEAT	2
5- 6	832162	PILOT VALVE ASSY.	2
5- 8	640020	O-RING	2
5- 9	685444	V-PACKING	2
5-10	640029	O-RING	2
5-11	771742	GASKET	2
5-12	682486-S	FLAT SOCKET	12
5-13	802971	VALVE BODY ASSY.	1
5-13-1	711931-XP	VALVE BODY	1
5-13-2	580999-XP	CAP A	1
5-13-3	581000-XP	CAP B	1
5-13-5	771735	SPRING RETAINER	1
5-13-6	712976-S	RESET BUTTON	1
5-13-8	771738	GASKET	2
5-13-9	685036	SOCKET BOLT	8
5-13-12	805084	C-SPOOL ASSY	1
A	803675	SLEEVE ASSY	1
B	640036	O-RING	6
C	805085	SPOOL ASSY	1
D	771735	SPRING RETAINER	1
E	711932	C-SPRING	2
F	771734	BLOCK	1
5-13-13	640005	O-RING	1
5-13-14	684128	CUSHION	4
5-14	771712	GASKET	1
5-15	684240-S	BOLT W/WASHERS	6
5-18	684987	WASHER	12
7	711900-FDA	CENTER ROD	1
8	711904	CENTER DISK 50-R	2
9	711905-EP	CENTER DISK 50SS	2
10	771856-FDA	DIAPHRAGM	2
11	711909-EP	VALVE SEAT	4
12	770693	BALL	4
14	686974	BALL VALVE	1
15	682523	ELBOW	1
19	711928-XP	BASE	2
20	771402	FOOT RUBBER	4
21	683408	NUT	2
22	682740	WASHER	2
23	621180	BOLT	16
24	631174	FLAT WASHER	4
25	631937	WAVE WASHER	20
26	621202	BOLT	12
27	631175	FLAT WASHER	12
28	631938	WAVE WASHER	12
29	628014	NUT	12

33	621175	BOLT	4
34	628013	NUT	4
35	611149	BOLT	4
36	682276	NUT W/FLANGE	4
40	643069	O-RING	4
44	804764	MUFFLER	1
51	770582	CUSHION	2
KIT	K50-ME-FDA	LIQUID SIDE KIT	
KIT	K45-AM	AIR MOTOR KIT	


[CLICK HERE FOR TORQUE](#)
**General Tools:**

- Socket wrenches - 13mm, 17mm, 19, mm 24mm
- Hexagonal box wrench - 5mm, 6mm
- Small crowbars - 2
- Open-end wrenches - 24mm, 19mm
- Plastic hammer
- Pliers

Special Tools (sold separately):

- Sleeve remover (713180)

Miscellaneous:

- Nuts - M16 x 1.5
- Thread locker
- Urea grease grade (NLGI) No. 2 for Center Rod (Ref# 7)

[CLICK HERE FOR MAINTENANCE MANUAL](#)
Customer Notes

Model #: _____
 Description: _____
 Serial #: _____
 Date Installed: _____
 Department Location: _____
 Tag/Project: _____

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