

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-50BFW

Model #: 852839-W



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

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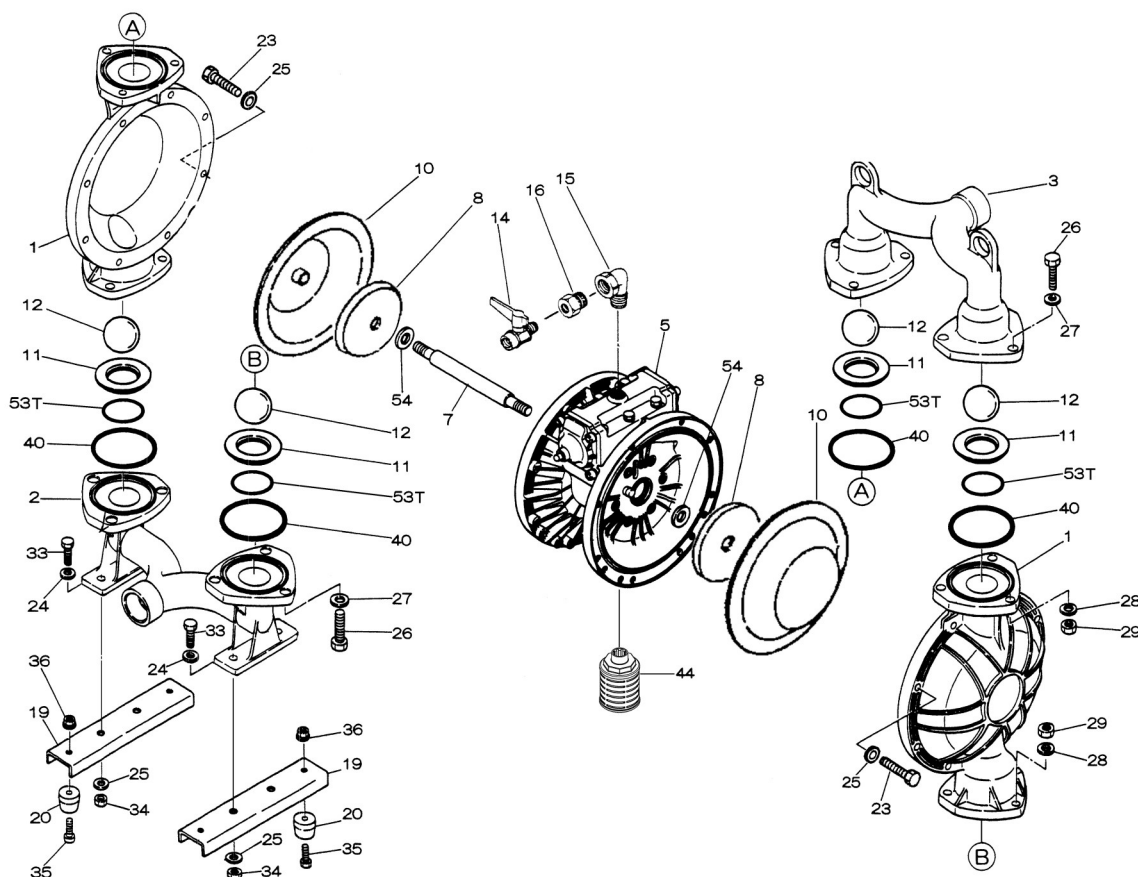
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

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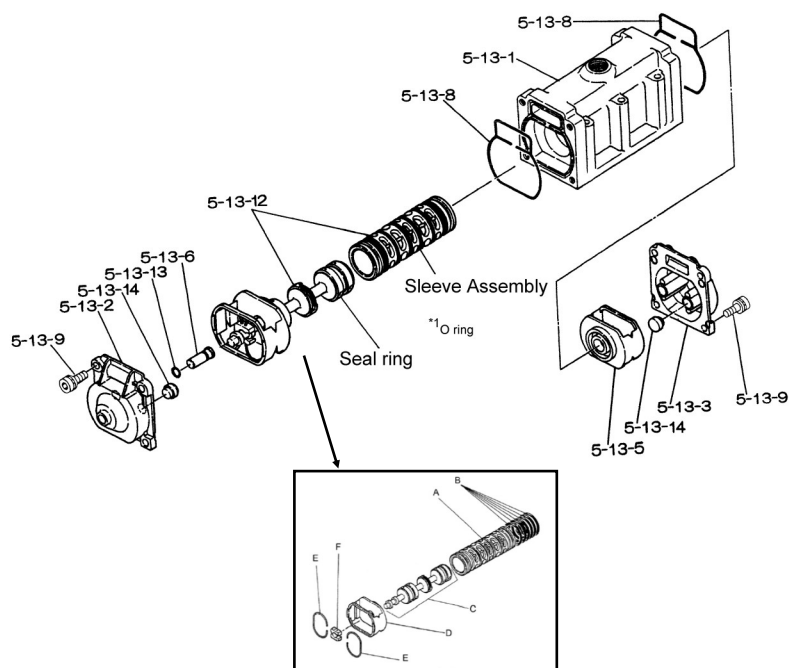
Trial Program



■ Body Assembly



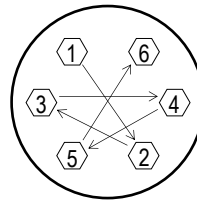
■ Valve Body Assembly



Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	713157	OUT CHAMBER	2
2	713169	IN MANIFOLD (NPT)	1
3	713166	OUT MANIFOLD (NPT)	1
5	803112	CENTER BODY ASSY.	1
5- 1	711934	AIR CHAMBER	2
5- 2	711936	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	683812	FLAT SOCKET	12
5-13	802971	VALVE BODY ASSY.	1
5-13-1	711931	VALVE BODY	1
5-13-2	580999	CAP A	1
5-13-3	581000	CAP B	1
5-13-5	771735	SPRING RETAINER	1
5-13-6	712976	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	BOLT W/WASHERS	6
5-18	684987	WASHER	12
7	717130	CENTER ROD	1
8	717133	CENTER DISC	2
10	833220	DIAPHRAGM	2
11	711909	VALVE SEAT	4
12	770693	BALL	4
14	686974	BALL VALVE	1
15	682523	ELBOW	1
19	711928	BASE	2
20	771402	FOOT RUBBER	4
23	686160	BOLT	16
24	631014	FLAT WASHER	4
25	631917	WAVE WASHER	4

26	611202	BOLT	12
27	631015	FLAT WASHER	12
28	631918	WAVE WASHER	12
29	627014	NUT	12
33	611175	BOLT	4
34	627013	NUT	4
35	611149	BOLT	4
36	682276	NUT W/FLANGE	4
40	643069	O-RING	4
44	804764	SILENCER ASSY.	1
53T	643139	O-RING	4
54	773435	CUSHION	2
KIT	K50-MW	LIQUID SIDE KIT	
KIT	K45-AM	AIR MOTOR KIT	


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**General Tools:**

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

Special Tools (sold separately):

- Sleeve remover (713180).

Miscellaneous:

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

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

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