

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-50BVH
Model#: 852489



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

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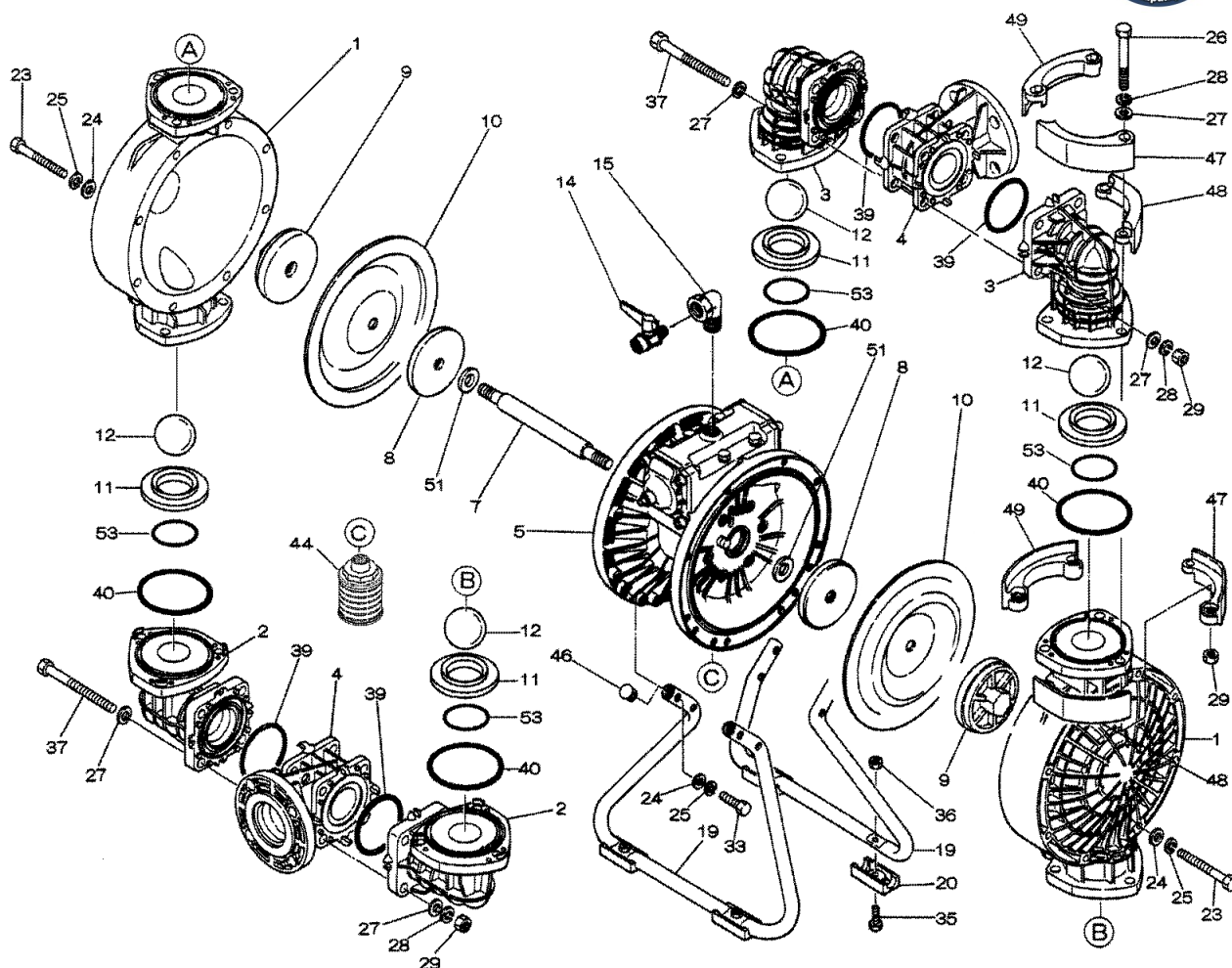
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

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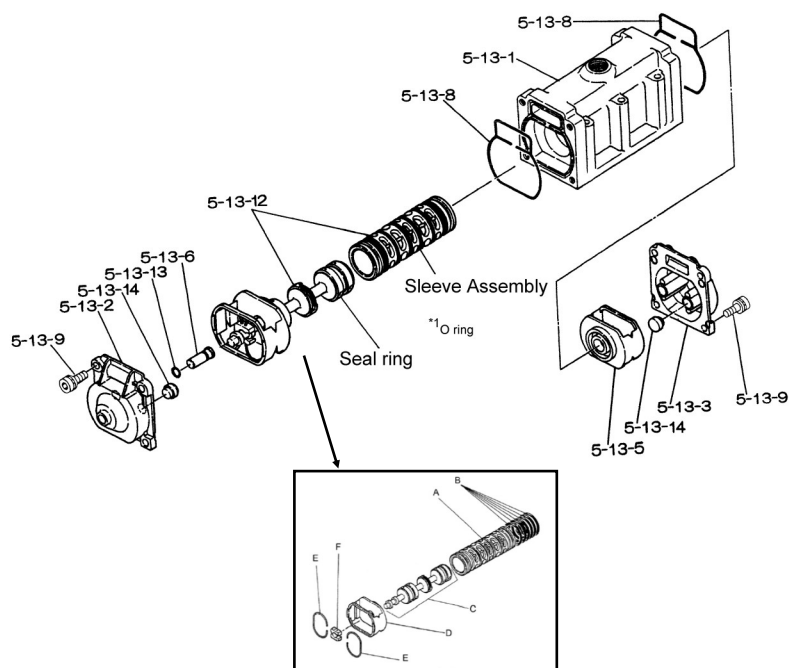
Trial Program



■ Body Assembly



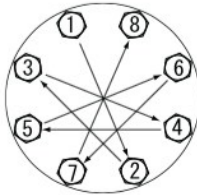
■ Valve Body Assembly



Air Operated Double Diaphragm Pump

REF.NO.	PART NO.	DESCRIPTION	QTY
1	780153	OUT CHAMBER	2
2	780252	IN MANIFOLD	2
3	780154	OUT MANIFOLD	2
4	780115	CENTER MANIFOLD	2
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	BOLT	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 FOR VALVE BODY	1
5-15	684240	BOLT W/ WASHERS	6
5-18	684987	WASHER	12
7	711900	CENTER ROD	1
8	711904	CENTER DISK 50-R	2
9	771901	CENTER DISK 50PVDF-R	2
10	771703	DIAPHRAGM	2
11	772100	VALVE SEAT	4
12	773143	BALL 50	4
14	686974	BALL VALVE 3/4"	1
15	682523	ELBOW STRT 3/4" 90D	1
19	711926	STAND 50PP	2
20	771865	FOOT RUBBER	4
23	686156	BOLT	16
24	631330	FLAT WASHER	24
25	680257	SPRING WASHER	24
26	621213	BOLT	12
27	631331	FLAT WASHER	32
28	680607	SPRING WASHER	20
29	687296	NUT	20
33	621179	BOLT	8
35	621149	BOLT	4
36	683837	NUT W/FLANGE	4
37	684592	BOLT	8
39	771899	O-RING	4

40	772063	O-RING	4
44	804764	SILENCER	1
46	683641	CAP STAND	4
47	771786	PROTECTOR A	8
48	771787	PROTECTOR B	8
49	771788	PROTECTOR C	8
51	770582	CUSHION	2
53	643139	O-RING	4
KIT	K50-VH	LIQUID END KIT	
KIT	K45-AM	AIR MOTOR KIT	


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**General Tools:**

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

Special Tools (sold separately):

- Sleeve remover (713180).
- PP wrench to remove the center disk (771868)

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: _____