

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-40BVV



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

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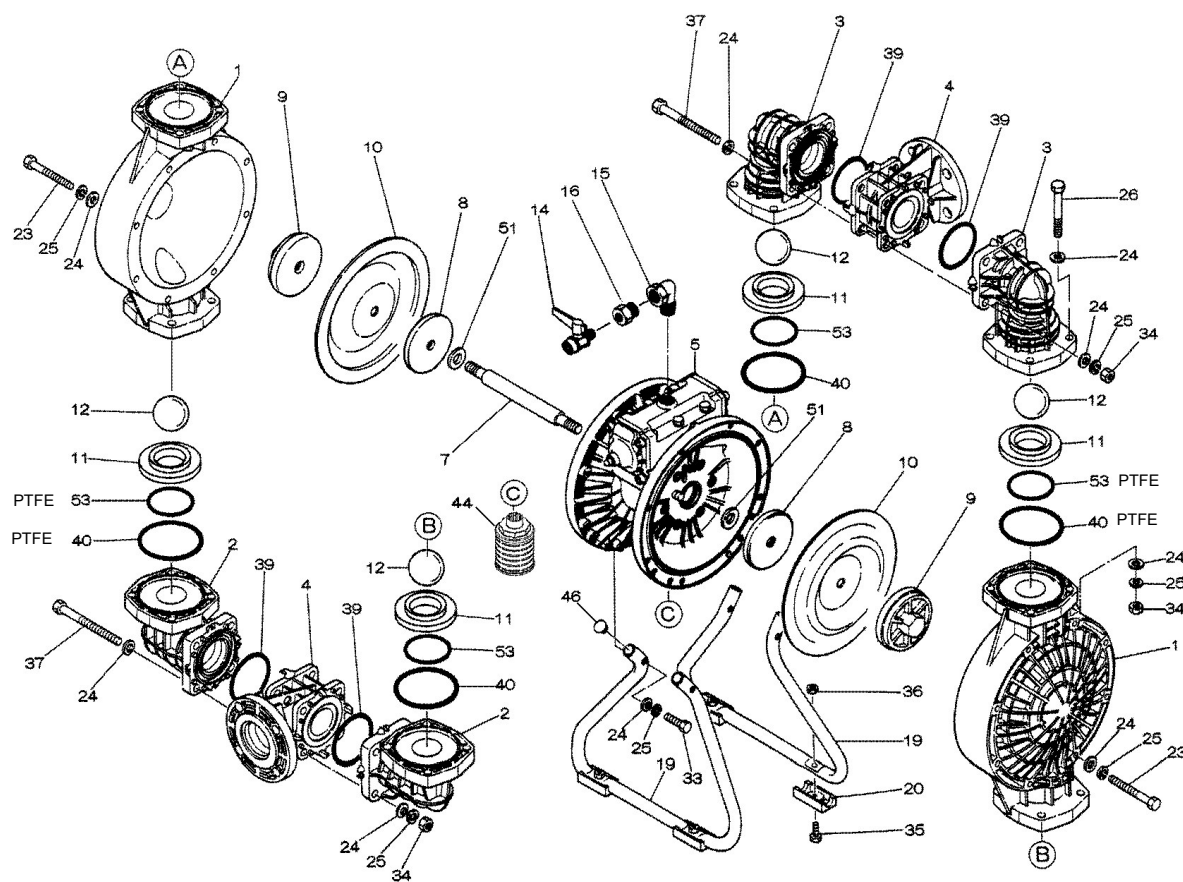
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

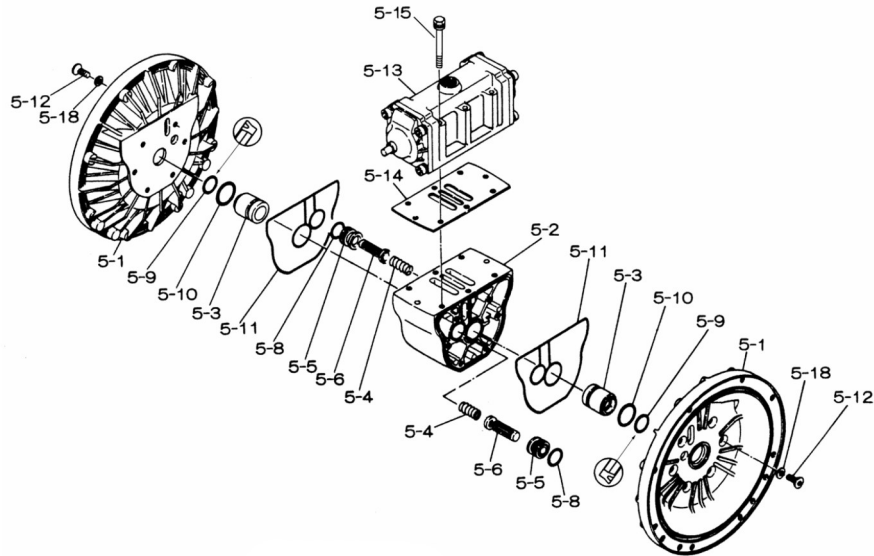
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[Literature](#) | [BOM](#) | [Performance Curves](#)

Trial Program

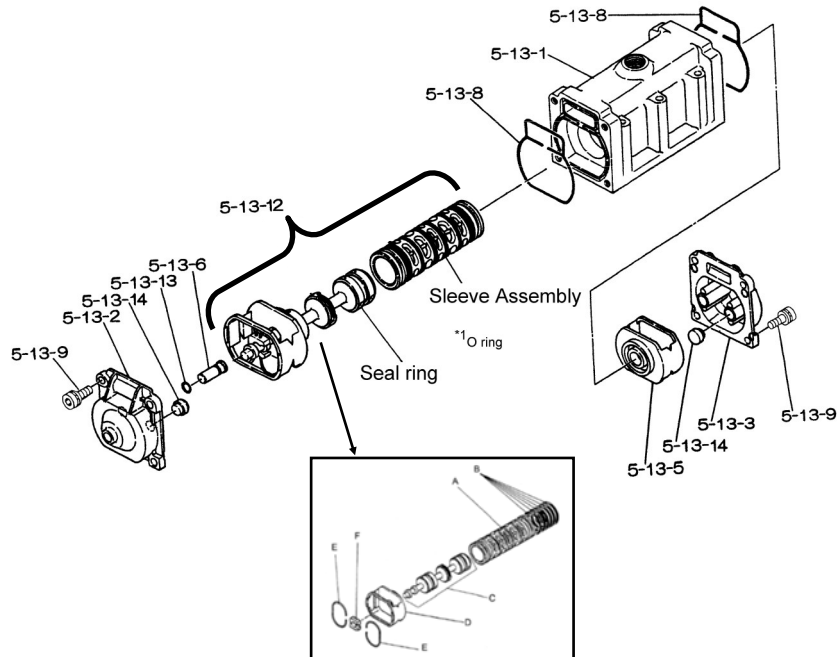


Air Operated Double Diaphragm Pump

■Body Assembly



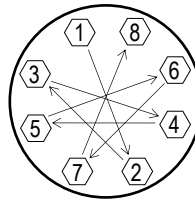
■Valve Body Assembly



Air Operated Double Diaphragm Pump

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	780257	OUT CHAMBER 40PVDF	2
2	780251	IN MANIFOLD 40PVDF	2
3	780258	OUT MANIFOLD 40PVDF	2
4	780216	CENTER MANIFOLD 40PVDF	2
5	803111	CENTER BODY ASSY	1
5- 1	711933	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 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 40/50/80	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	6
5-18	684987	WASHER	12
7	711900	CENTER ROD	1
8	711902	CENTER DISC 40-R (AIR SIDE)	2
9	772730	CENTER DISC 40 (LIQUID SIDE)	2
10	771799	DIAPHRAGM 40 VITON	2
11	772739	VALVE SEAT PVDF	4
12	770602	BALL VITON	4
14	686972	BALL VALVE 1/2	1
15	682523	ELBOW	1
16	684339	BUSHING	1
19	711925	STAND	2
20	771865	FOOT RUBBER	4
23	686156	BOLT	16
24	631330	FLAT WASHER	68
25	680257	SPRING WASHER	44
26	686162	BOLT	16
33	621179	BOLT	4
34	687295	NUT	24

35	621149	BOLT	4
36	683837	NUT W/ FLANGE	4
37	683542	BOLT	8
39	643060	O-RING PTFE	4
40	643064	O-RING PTFE	4
44	804764	SILENCER ASSY	1
46	683641	CAP STAND	4
51	770582	CUSHION	2
53	643136	O-RING PTFE	4
KIT	K40-VV	LIQUID END KIT	
KIT	K45-AM	AIR MOTOR KIT	


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**General Tools:**

- Socket wrenches - 13mm, 17mm
- Hexagonal box wrench - 5mm
- Small crowbars - 2
- Open-end wrenches - 17mm

Special Tools (sold separately) :

- Wrench (771868) used to remove the center disk.
- 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: _____