

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-40BSW NPT
Model #: 852639-W



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

📍 [Find My Rep](#)

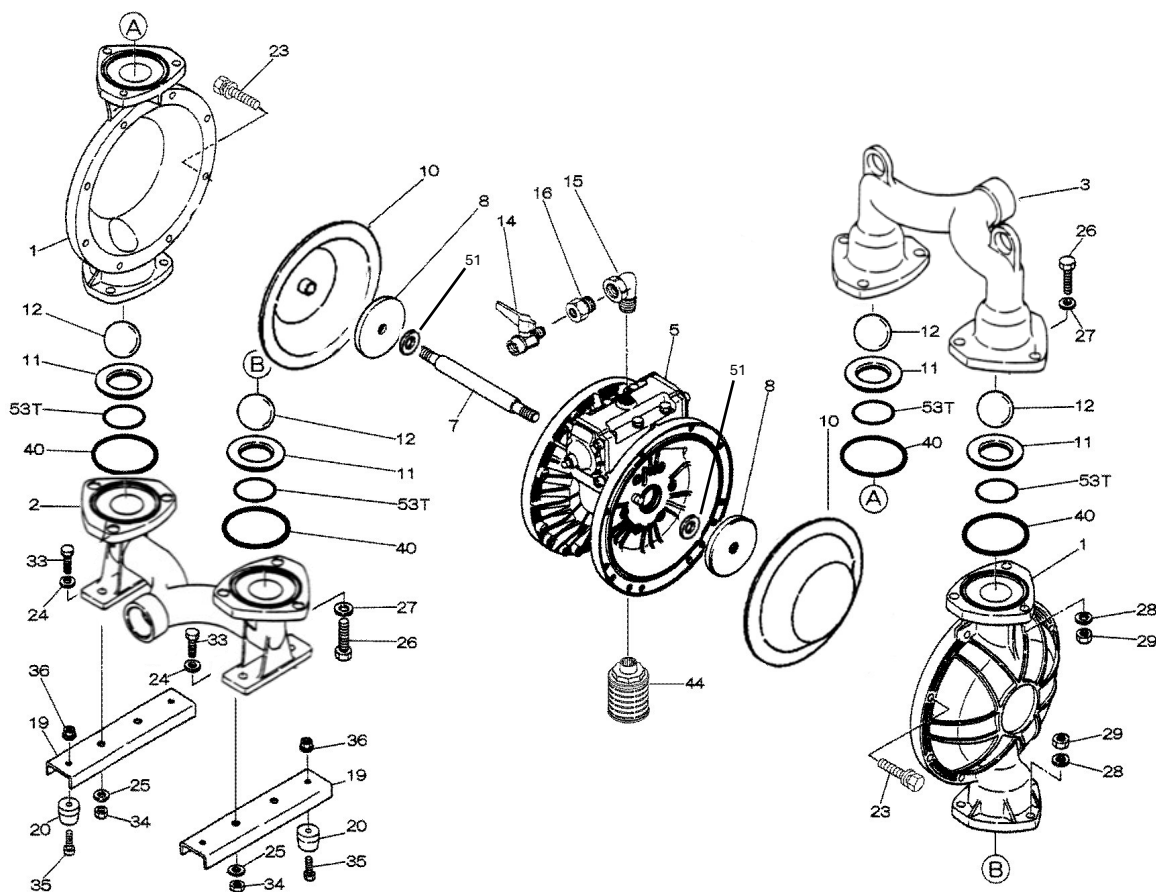
More Information:

▶ YouTube: [@yamadapump](#)

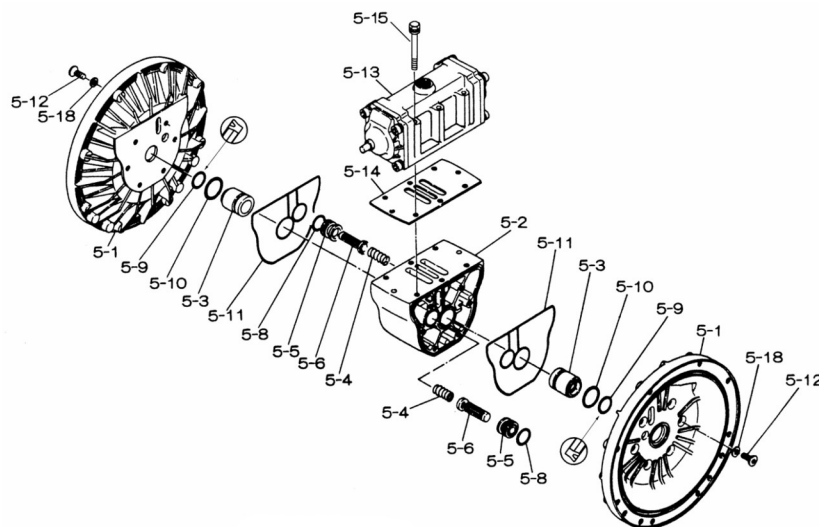
🌐 yamadapump.com

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

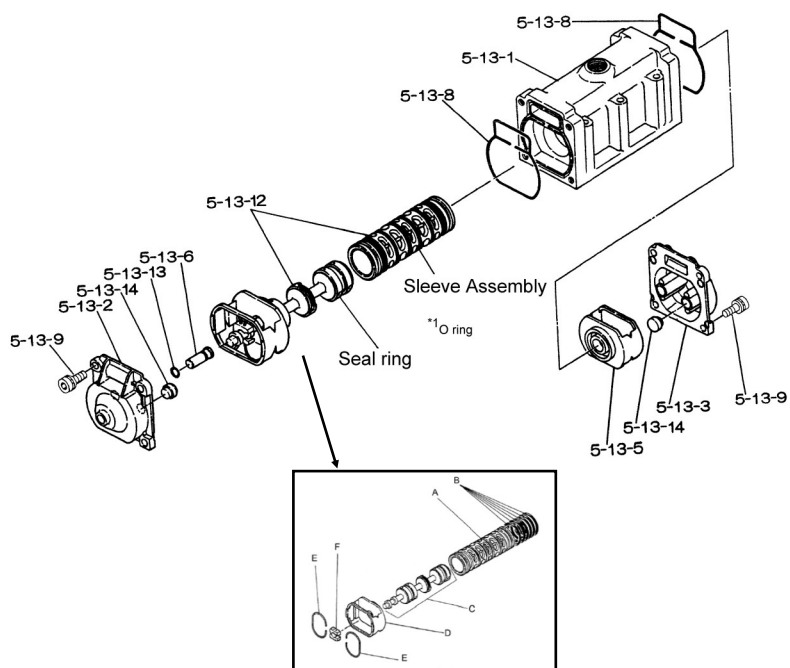
Trial Program



■Body Assembly



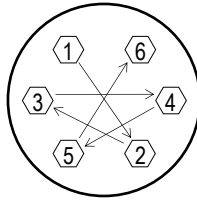
■Valve Body Assembly



Air Operated Double Diaphragm Pump

REF. NO.	PART NO.	DESCRIPTION	QTY
1	712931	OUT CHAMBER 40SS	2
2	712601	IN MANIFOLD 40SS NPT	1
3	712600	OUT MANIFOLD 40SS NPT	1
5	803111	CENTER BODY ASSY	1
5-1	711933	AIR CHAMBER 40	2
5-2	711936	BODY	1
5-3	772689	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 FOR VALVE BODY	1
5-15	684240	BOLT W/WASHER	6
5-18	684987	WASHER	12
7	717130	CENTER ROD	1
8	717132	CENTER DISK	2
10	833223	DIAPHRAGM	2
11	711908	VALVE SEAT	4
12	770692	BALL	4
14	686972	BALL VALVE	1
15	682523	ELBOW	1
16	684339	BUSHING	1
19	711911	BASE	2
20	771402	FOOT RUBBER	4
21	706128	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	643065	O RING	4
44	804764	SILENCER ASSY	1
51	773435	CUSHION	2
53T	643136	O RING	4
KIT	K40-MW	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

Special Tools (sold separately):

- Sleeve remover (713180)

Miscellaneous:

- 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: _____

Page 3 of 3