

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-80BST NPT
Model#: 852651



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

📍 [Find My Rep](#)

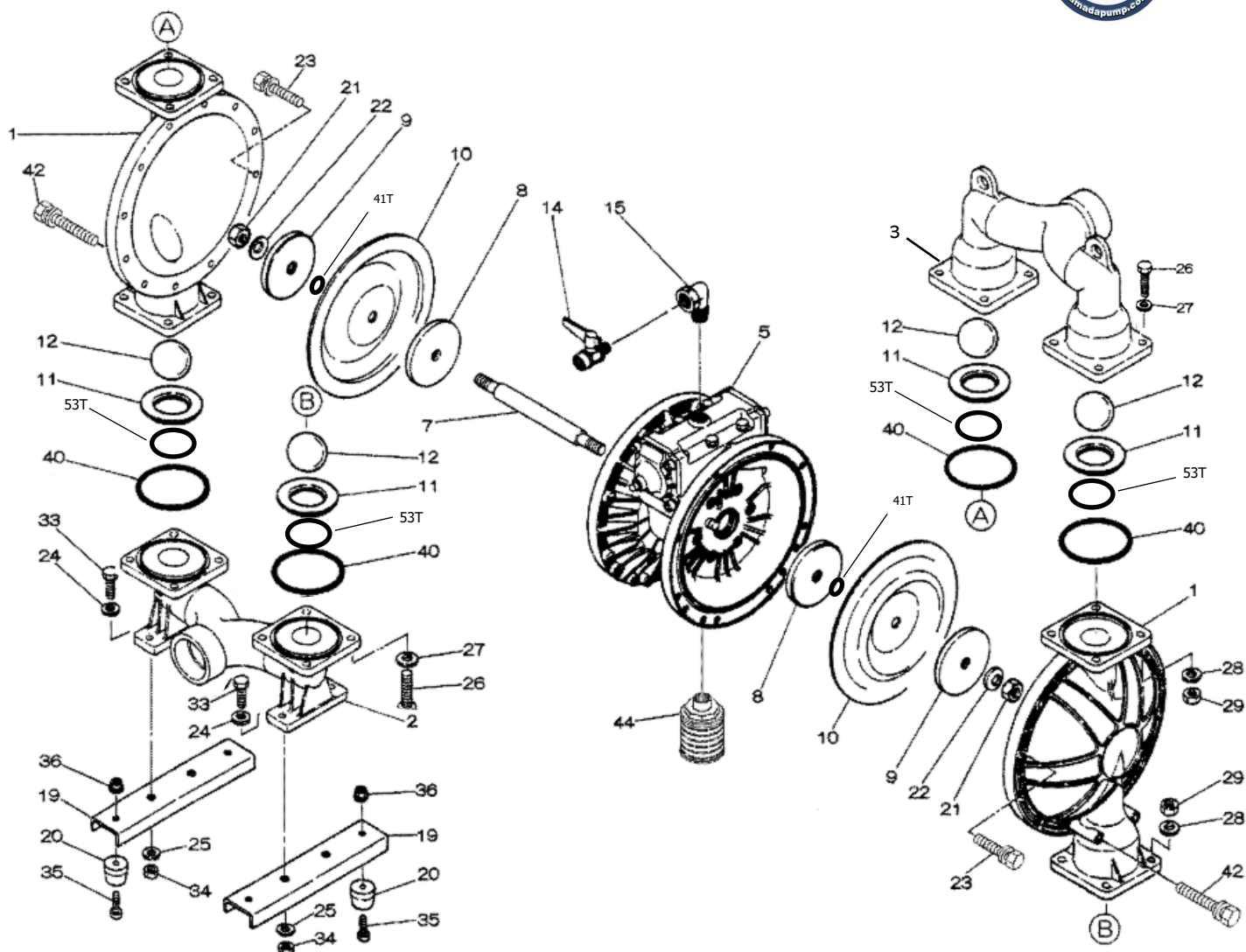
More Information:

▶ YouTube: [@yamadapump](#)

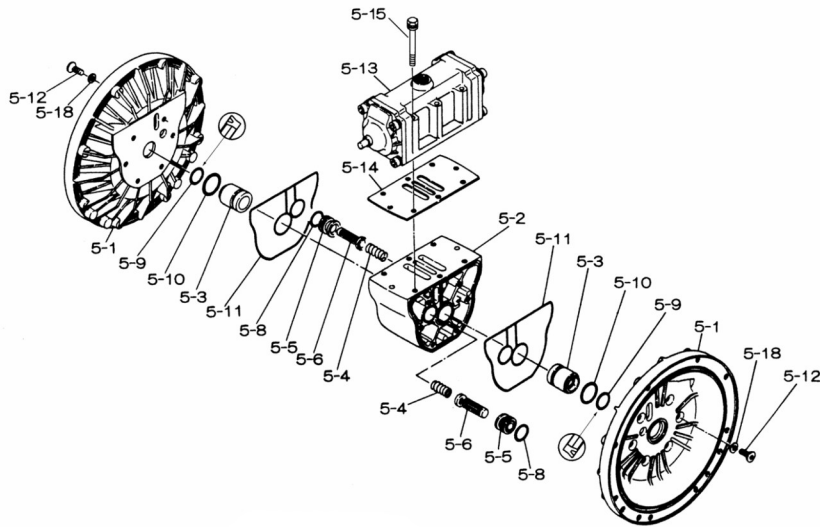
🌐 yamadapump.com

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

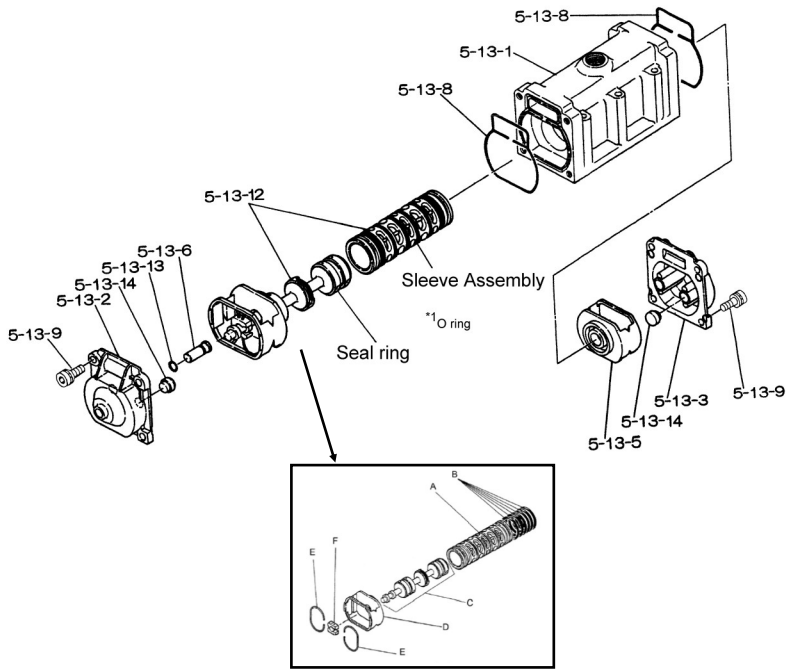
Trial Program



■Body Assembly



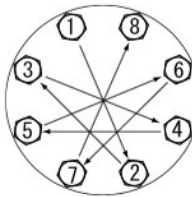
■Valve Body Assembly



Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	712933	OUT CHAMBER	2
2	712605	IN MANIFOLD (NPT)	1
3	712604	OUT MANIFOLD (NPT)	1
5	803113	CENTER BODY ASSY.	1
5- 1	711935	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	832163	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 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
▷	803675	SLEEVE ASSY.	1
Ⓑ	640036	O-RING	6
Ⓒ	805085	SPOOL ASSY.	1
Ⓓ	771735	SPRING RETAINER	1
Ⓜ	711932	C-SPRING	2
Ⓜ	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	711940	CENTER ROD	1
8	711041	CENTER DISK (INNER)	2
9	711039	CENTER DISK (OUTER)	2
10	770934	DIAPHRAGM	2
11	711910	VALVE SEAT	4
12	770694	BALL	4
14	686974	BALL VALVE	1
15	682523	ELBOW	1
19	711912	BASE	2
20	771402	FOOT RUBBER	4
21	706144	NUT	2
22	682740	WASHER	2
23	621182	BOLT	20
24	631174	PLAIN WASHER	4
25	631937	WAVE WASHER	28

26	621203	BOLT	16
27	631175	PLAIN WASHER	16
28	631938	WAVE WASHER	16
29	687296	NUT	16
33	621177	BOLT	4
34	687295	NUT	4
35	611149	BOLT	4
36	682276	NUT W/FLANGE	4
40	643078	O-RING	4
41T	643015	O-RING	4
42	683543	BOLT	4
44	804764	SILENCER	1
53T	643145	O-RING	4
KIT	K80-MT	LIQUID SIDE KIT	
KIT	K80-AM	AIR MOTOR KIT	


[CLICK HERE FOR TORQUE](#)


General Tools:

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

Special Tools:

- Sleeve remover (713180). (sold separately)

Miscellaneous:

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

Customer Notes

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