

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-50BSW-PP (Flanged)

Model#: 852234-W-PP

Model: NDP-50BSW-PP (NPT)

Model#: 852645-W-PP



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

📍 Find My Rep

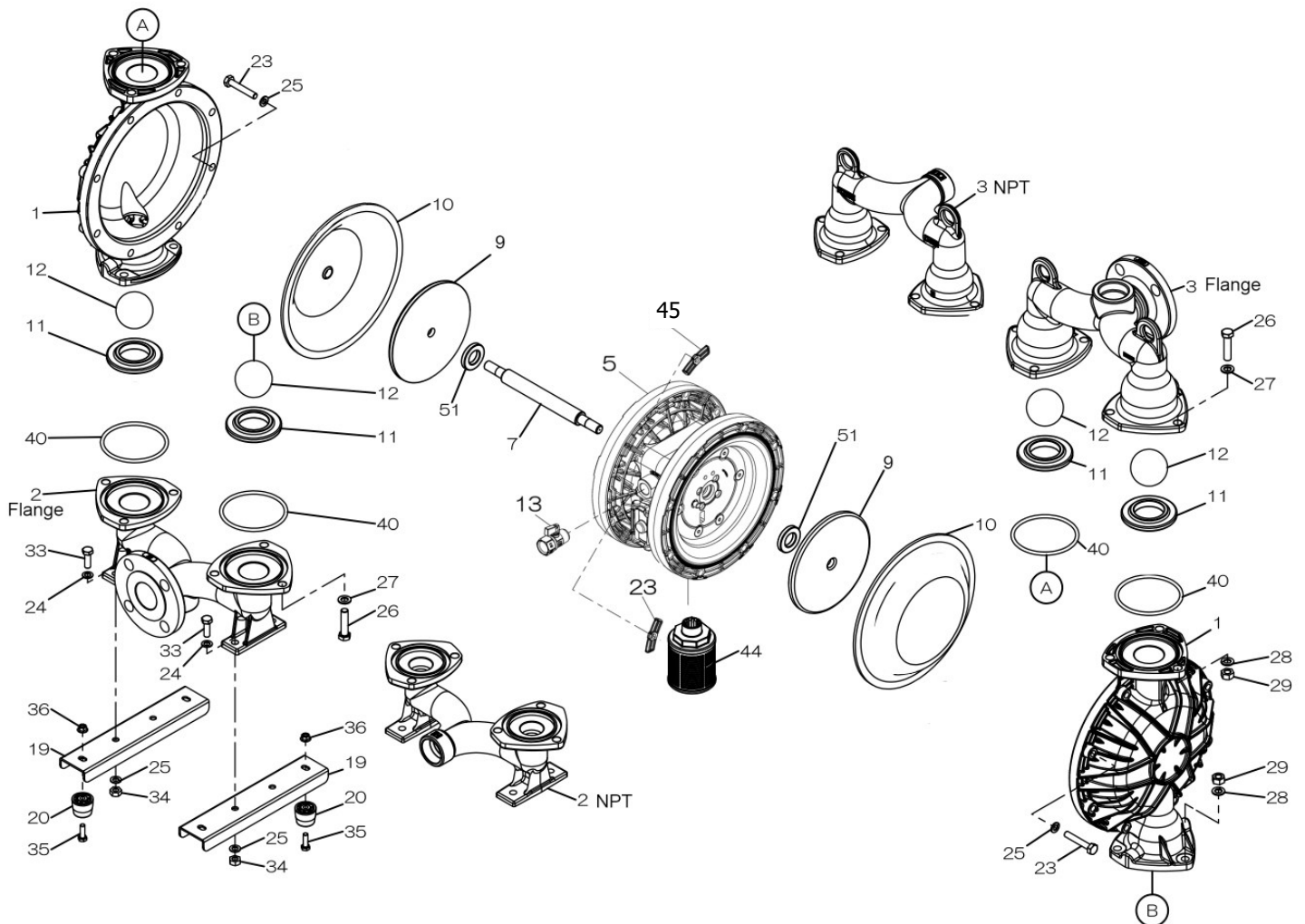
More Information:

▶ YouTube: [@yamadapump](https://www.youtube.com/@yamadapump)

🌐 yamadapump.com

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

Trial Program



EXPLODED VIEW & PARTS LISTING

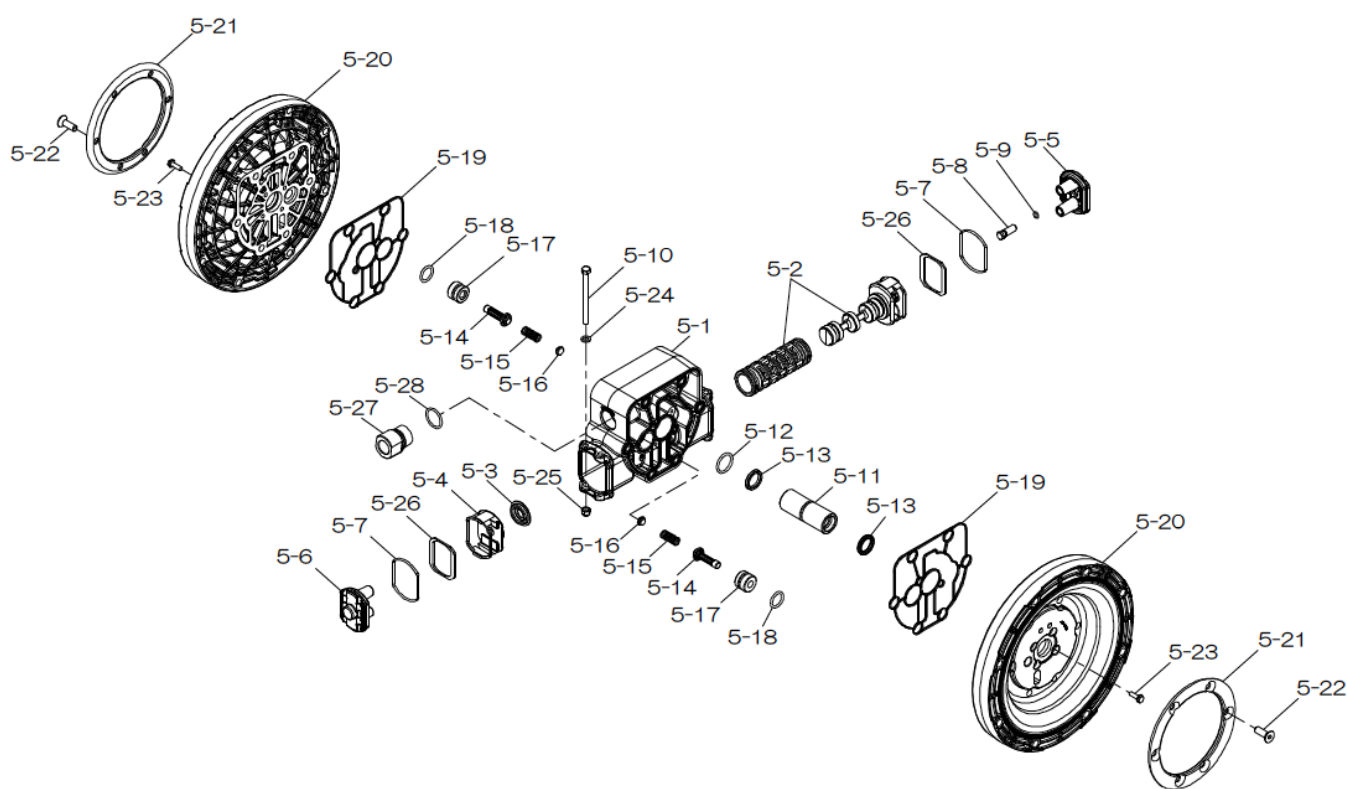
Air Operated Double Diaphragm Pump

Model: NDP-50BSW-PP (Flanged)

Model#: 852234-W-PP

Model: NDP-50BSW-PP (NPT)

Model#: 852645-W-PP



EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-50BSW-PP (Flanged)

Model#: 852234-W-PP

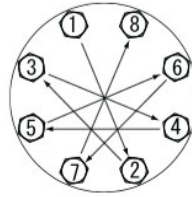
Model: NDP-50BSW-PP (NPT)

Model#: 852645-W-PP



REF. No.	PART No.	DESCRIPTION	QTY.
1	712932	OUT CHAMBER	2
2	712559	IN MANIFOLD NPT	1
2	712557	IN MANIFOLD FLANGED	1
3	712558	OUT MANIFOLD NPT	1
3	712556	OUT MANIFOLD FLANGED	1
5	805073	BODY ASSY	1
5- 1	833121	VALVE BODY ASSY	1
5- 2	805063	C SPOOL ASSY	1
5- 3	771923	CUSHION	1
5- 4	771735	SPRING RETAINER	1
5- 5	773249	CAP A	1
5- 6	773250	CAP B	1
5- 7	773252	GASKET B	2
5- 8	773259	RESET BUTTON	1
5- 9	640005	O RING	1
5-10	621167	BOLT	4
5-11	773253	THROAT BEARING	1
5-12	640027	O RING	1
5-13	685444	PACKING	2
5-14	832162	PILOT VALVE ASSY	2
5-15	711937	SPRING	2
5-16	773257	SPRING SEAT	2
5-17	773254	VALVE SEAT	2
5-18	640020	O RING	2
5-19	773251	GASKET A	2
5-20	780294	AIR CHAMBER	2
5-21	717073	REINFORCEMENT PLATE	2
5-22	686748	BOLT	12
5-23	686747	TAPPING SCREW	8
5-24	631173	PLAIN WASHER	4
5-25	686783	NUT	4
5-26	773334	SPACER	2
5-27	773258	UNION	1
5-28	640131	O RING	1
7	717130	CENTER ROD	1
9	717133	CENTER DISK	2
10	833220	DIAPHRAGM	2
11	711909	VALVE SEAT	4
12	770693	BALL	4
13	686974	VALVE	1
19	711928	BASE	2
20	771402	RUBBER FOOT	4
23	621185	BOLT	16
24	631174	PLAIN WASHER	4
25	631937	WAVE WASHER	20

26	621202	BOLT	12
27	631175	PLAIN WASHER	12
28	631938	WAVE WASHER	12
29	687296	NUT	12
33	621175	BOLT	4
34	687295	NUT	4
35	611149	BOLT	4
36	682276	FLANGED NUT	4
40	643139	O RING	4
44	804764	MUFFLER	1
45	716883	SUPPORT PLATE A	16
51	770582	CUSHION	2
KIT	K50-MW	LIQUID SIDE KIT	
KIT	K50-AM-PP	AIR MOTOR KIT	



[CLICK HERE FOR TORQUE](#)



General Tools:

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

Special Tools (sold separately):

- 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: _____

Page 3 of 3