EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

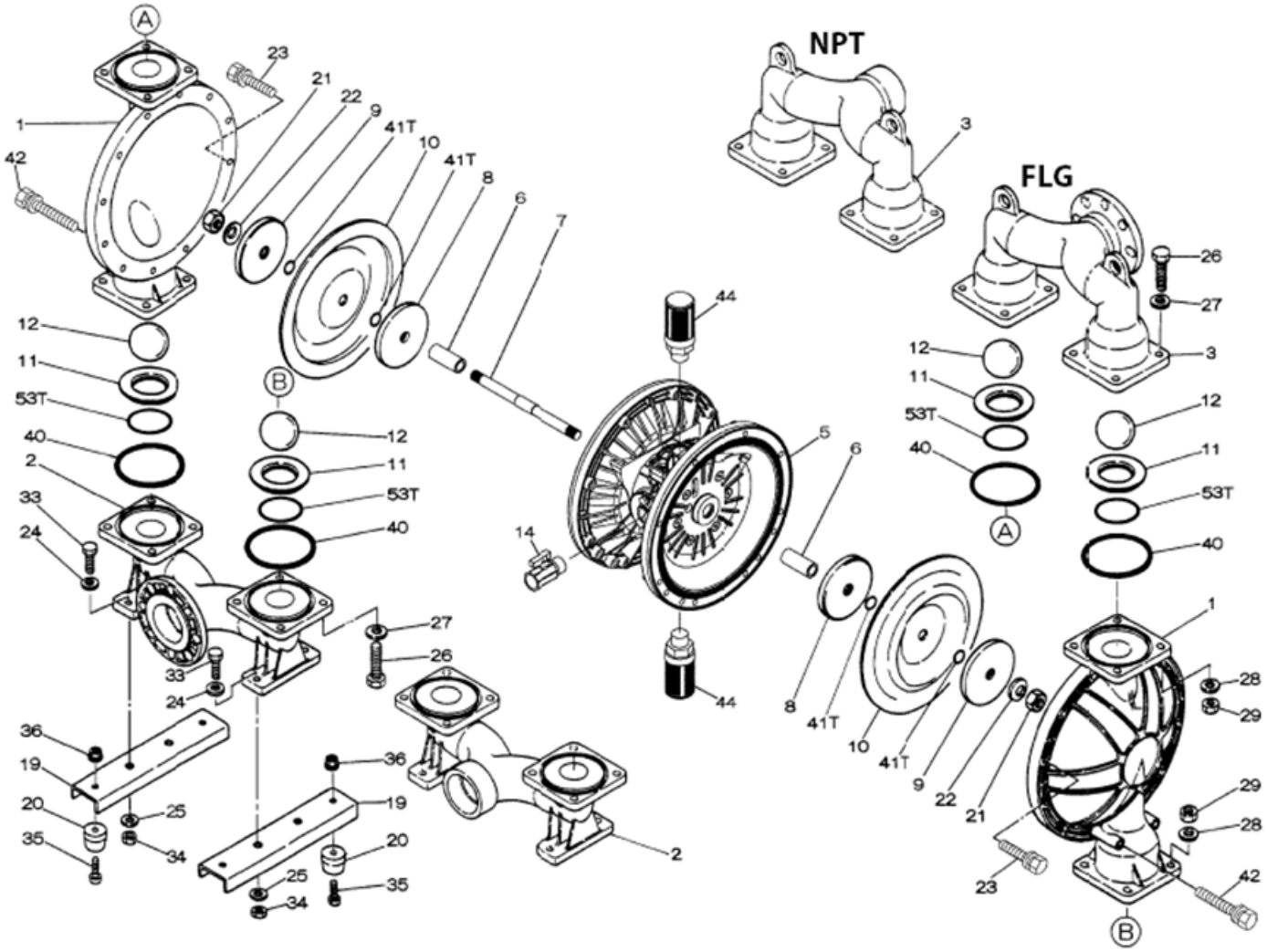
Model: DP-80BST-HD (XDP)
Model# : 854519



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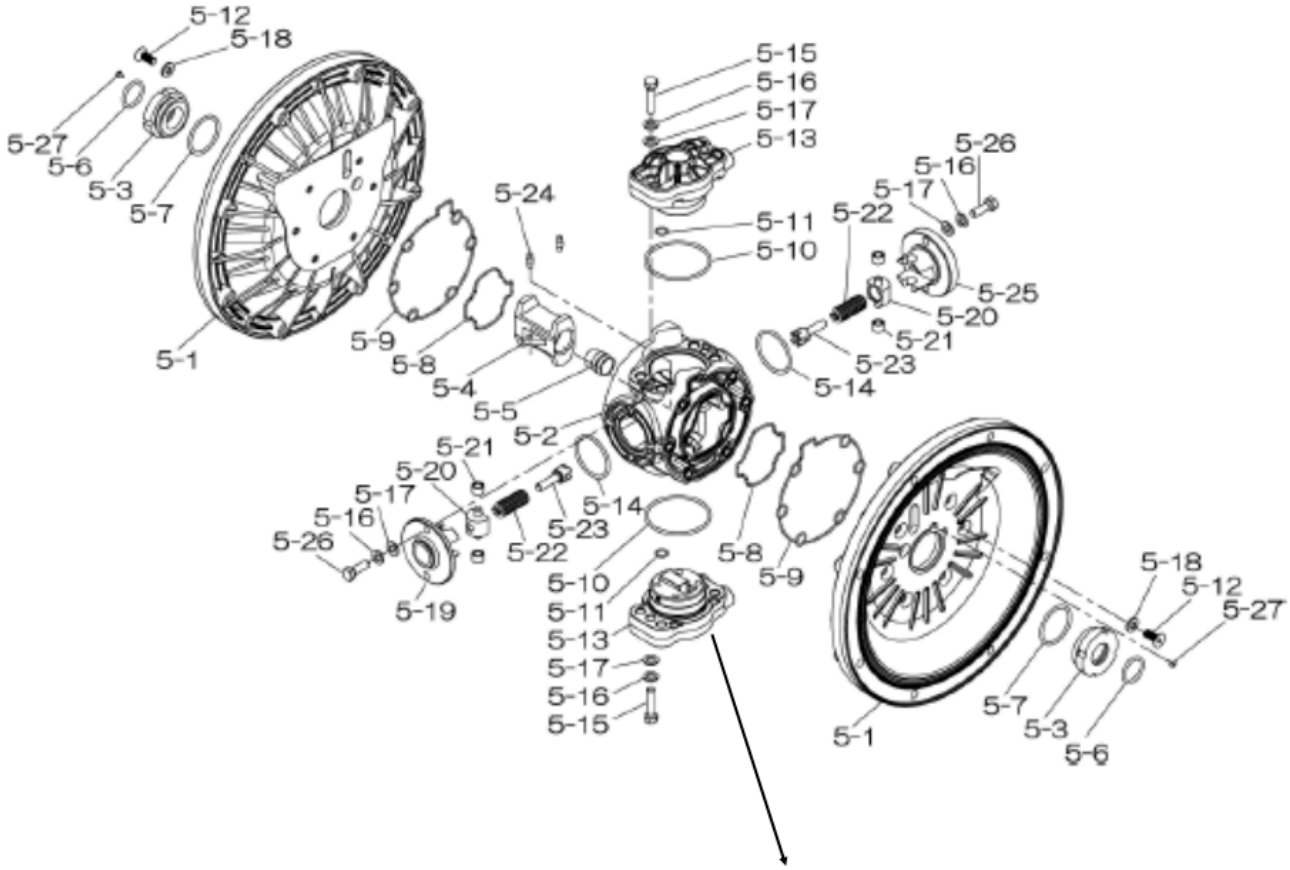
Trial Program



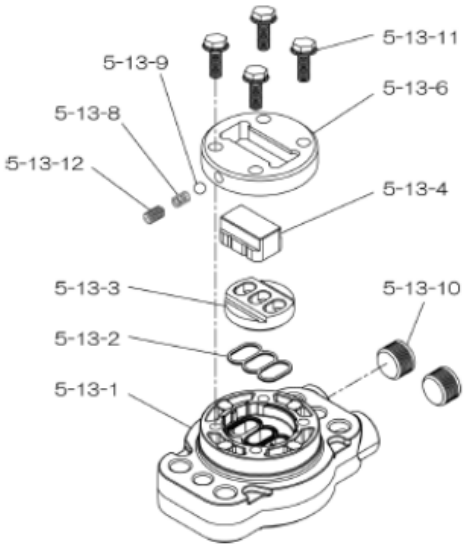
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Air Operated Double Diaphragm Pump

804780 Center Body Assembly



804784 Valve Body Assembly



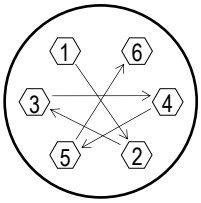
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EXPLODED VIEW & PARTS LISTING

Model: DP-80BST-HD (XDP)
Model# : 854519

Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	712933	OUT CHAMBER	2
2	712605	IN MANIFOLD 80SS NPT N	1
2	712603	IN MANIFOLD 80SS FLG	1
3	712604	OUT MANIFOLD 80SS NPT	1
3	712602	OUT MANIFOLD 80SS FLG	1
5	**804780**	**CENTER BODY ASSY DP-80-HD**	**1**
5- 1	716248	AIR CHAMBER	2
5- 2	716256	BODY	1
5- 3	773066	THROAT BEARING	2
5- 4	716214	SHUTTLE (CS)	1
5- 5	773047	CENTER ROD GUIDE	1
5- 6	640023	O RING	2
5- 7	640133	O RING	2
5- 8	773040	GASKET	2
5- 9	773041	GASKET	2
5-10	640138	O RING	2
5-11	640007	O RING	8
5-12	683812	FLAT SOCKET	12
5-13	**804784**	**VALVE BODY ASSY**	**2**
5-13- 1	716244	VALVE BODY	1
5-13- 2	773042	GASKET	2
5-13- 3	716246	SEAT (CS)	1
5-13- 4	773425	BLOCK	1
5-13- 6	773426	GUIDE PLATE	1
5-13- 8	706612	SPRING INK	1
5-13- 9	686271	BALL	1
5-13-10	772934	PLUG	2
5-13-11	602300	TAPPING BOLT	4
5-13-12	610025	HEX. SOCKET HEAD SCREW	1
5-14	640134	O RING	2
5-15	611153	BOLT	4
5-16	631420	SPRING WASHER	8
5-17	631013	FLAT WASHER	8
5-18	684987	WASHER	12
5-19	716249	RETAINER	1
5-20	713620	SPRING GUIDE	2
5-21	773067	BUSH	4
5-22	684537	SPRING	2
5-23	714446	TRIP ARM	2
5-24	700231	PIN	2
5-25	716216	RETAINER	1
5-26	611149	BOLT	4
5-27	686337	TAPPING SCREW	2
6	716255	CENTER BUSHING DP-80T-HD	2
7	716254	CENTER ROD DP-80T-HD	1
8	711041	CENTER DISK	2
9	711039	CENTER DISK	2
10	770934	DIAPHRAGM (PTFE) 80	2
11	771910	VALVE SEAT	4
12	770694	BALL	4
14	686974	BALL VALVE	1
19	711912	BASE 80	2
20	771402	FOOT RUBBER	4
21	706144	NUT	2
22	682740	WASHER	2
23	621182	BOLT	20
24	631174	FLAT WASHER	4
25	631937	WAVE WASHER	28
26	621203	BOLT	16
27	631175	FLAT WASHER	16
28	631938	WAVE WASHER	16
29	628014	NUT	16
33	621177	BOLT	4
34	628013	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	804697	MUFFLER	2
53T	643145	O RING	4
KIT	K80-MT	LIQUID SIDE	
KIT	K80-AM-DP-HD	AIR MOTOR	



CLICK HERE FOR TORQUE

General Tools:
- Socket wrench - 13mm, 17mm, 19mm, 24mm
- Hexagonal box wrench - 3mm, 5mm
- Phillips head screw driver
- Open-end Wrenches - 19mm, 24mm

Special Tools (sold separately):
- Socket (804129) for a guide to remove the throat bearing

Miscellaneous:
- Assembly Oil - Turbine oil none additional class 1 (equivalent to ISO VG32 grade)
- Nuts - M16 x 1.5
- Thread locker
- Urea grease grade (NLGI) No. 2 for center rod (Ref# 7), Shell Alvania Grease S1

CLICK HERE FOR MAINTENANCE MANUAL

Customer Notes

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

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