EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

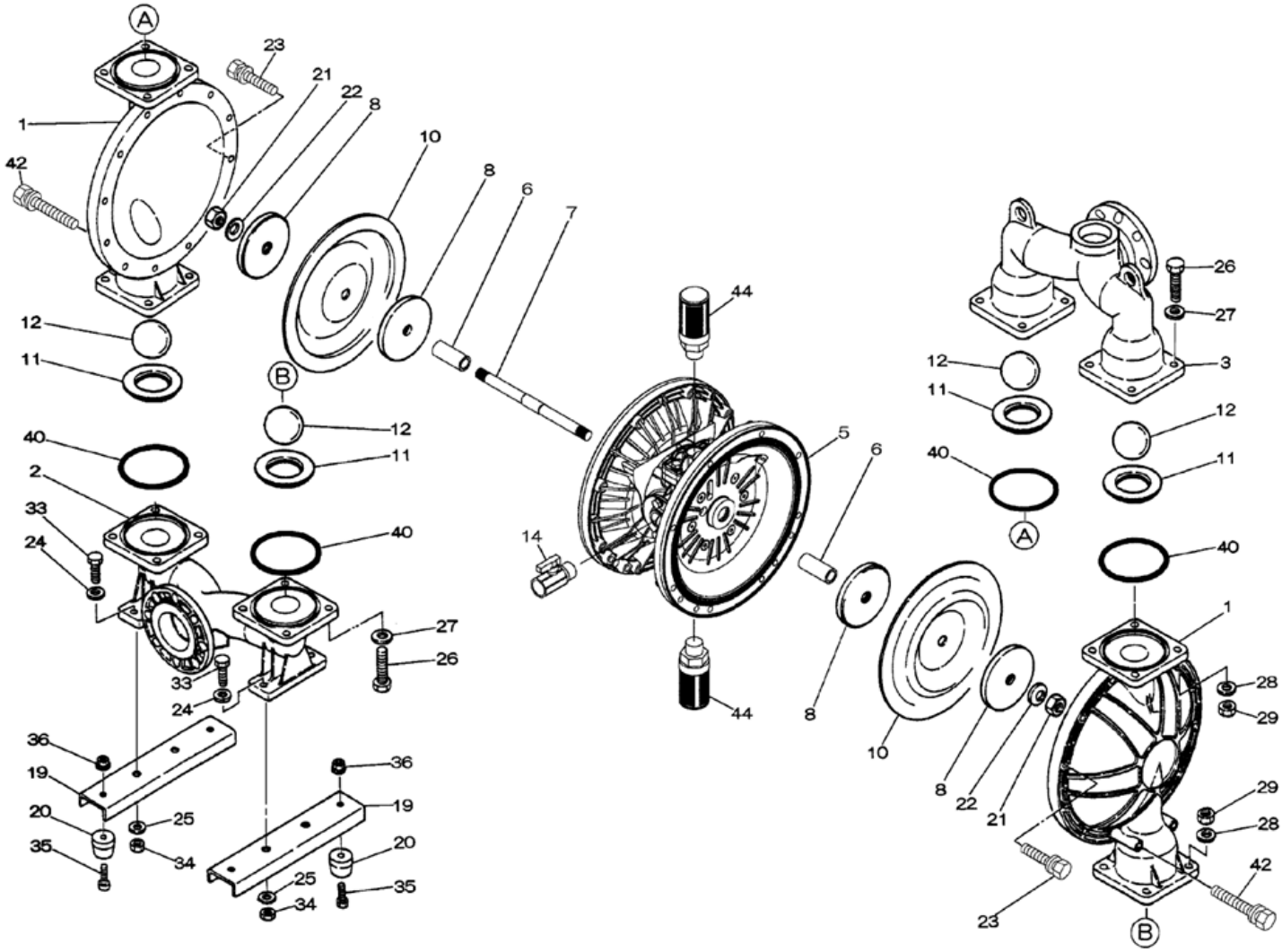
Model: DP-80BA[X]-HD
Aluminum Series



To Purchase:
800-990-7867
sales@yamadapump.com
Find My Rep

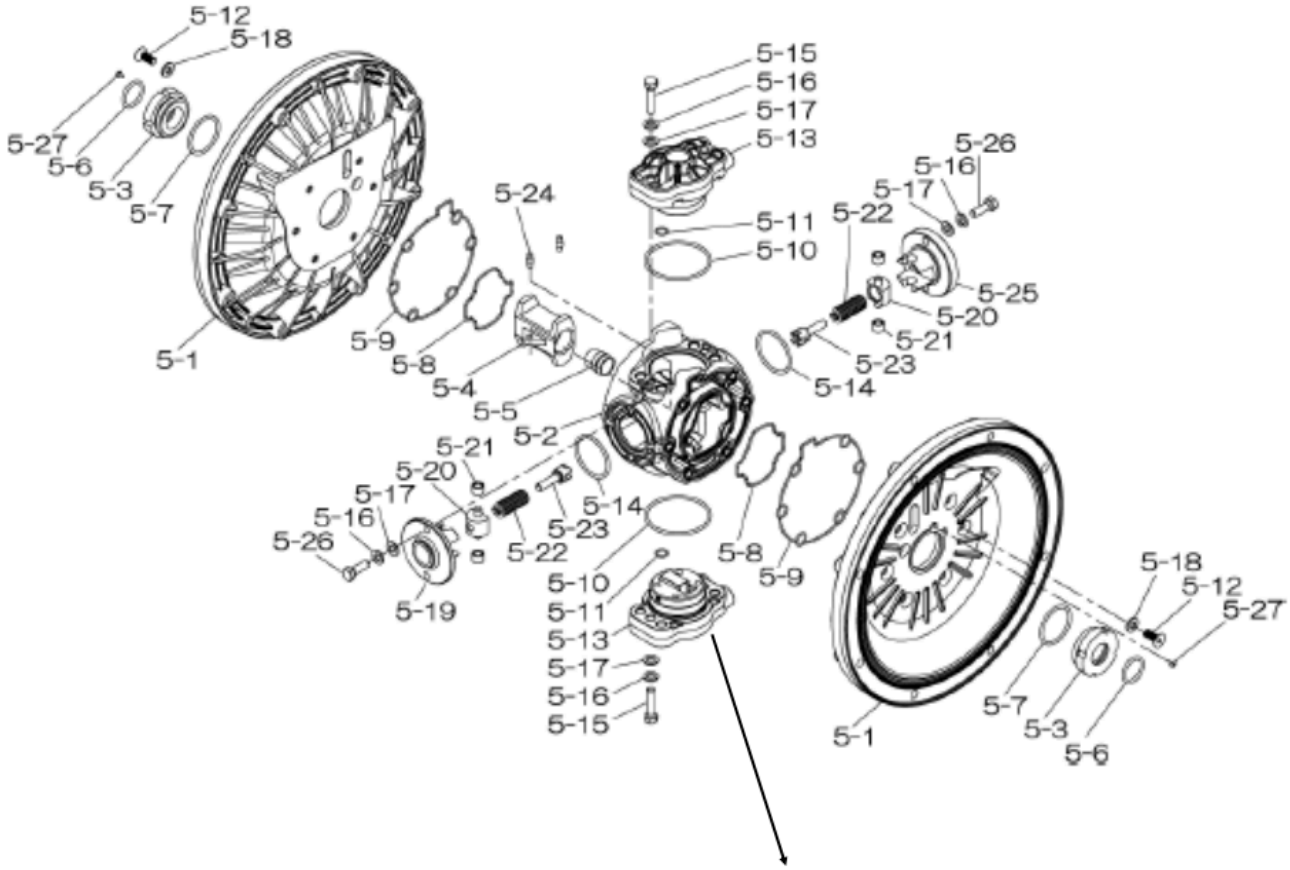
More Information:
YouTube: @yamadapump
yamadapump.com
Data Sheets | CAD Drawings | Manuals
Literature | BOM | Performance Curves

Trial Program

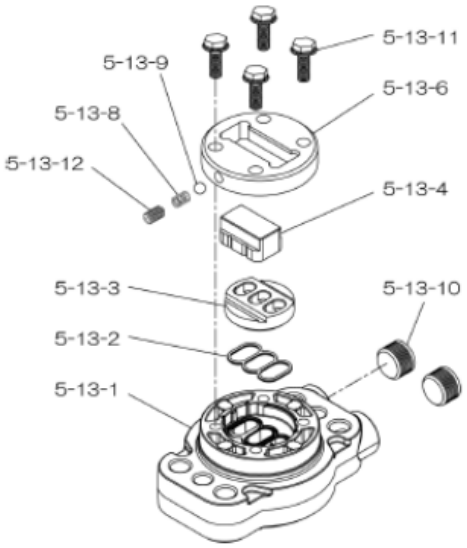


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804780 Center Body Assembly



804784 Valve Body Assembly



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Air Operated Double Diaphragm Pump

	DP-80BAC-HD	DP-80BAN-HD	DP-80BAS-HD	DP-80BAE-HD	DP-80BAV-HD	DP-80BAH-HD		
	854492	854493	854498	854494	854495	854497		
REF. No.	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.	DESCRIPTION	QTY.
1	580962	580962	580962	580962	580962	580962	OUT CHAMBER 80AL	2
2	714371	714371	714371	714371	714371	714371	IN MANIFOLD 80AL NEW	1
3	714365	714365	714365	714365	714365	714365	OUT MANIFOLD 80AL NEW	1
5	**804780**	**804780**	**804780**	**804780**	**804780**	**804780**	**CENTER BODY ASSY DP-80-HD**	1
5- 1	716248	716248	716248	716248	716248	716248	AIR CHAMBER	2
5- 2	716256	716256	716256	716256	716256	716256	BODY	1
5- 3	773066	773066	773066	773066	773066	773066	THROAT BEARING	2
5- 4	716214	716214	716214	716214	716214	716214	SHUTTLE (CS)	1
5- 5	773047	773047	773047	773047	773047	773047	CENTER ROD GUIDE	1
5- 6	640023	640023	640023	640023	640023	640023	O-RING	2
5- 7	640133	640133	640133	640133	640133	640133	O-RING	2
5- 8	773040	773040	773040	773040	773040	773040	GASKET	2
5- 9	773041	773041	773041	773041	773041	773041	GASKET	2
5-10	640138	640138	640138	640138	640138	640138	O-RING	2
5-11	640007	640007	640007	640007	640007	640007	O-RING	8
5-12	683812	683812	683812	683812	683812	683812	FLAT SOCKET	12
5-13	**804784**	**804784**	**804784**	**804784**	**804784**	**804784**	**VALVE BODY ASSY**	2
5-13- 1	716244	716244	716244	716244	716244	716244	VALVE BODY	1
5-13- 2	773042	773042	773042	773042	773042	773042	GASKET	2
5-13- 3	716246	716246	716246	716246	716246	716246	SEAT (CS)	1
5-13- 4	773425	773425	773425	773425	773425	773425	BLOCK	1
5-13- 6	773426	773426	773426	773426	773426	773426	GUIDE PLATE	1
5-13- 8	706612	706612	706612	706612	706612	706612	SPRING INK	1
5-13- 9	686271	686271	686271	686271	686271	686271	BALL	1
5-13-10	772934	772934	772934	772934	772934	772934	PLUG	2
5-13-11	602300	602300	602300	602300	602300	602300	TAPPING BOLT	4
5-13-12	610025	610025	610025	610025	610025	610025	HEX. SOCKET HEAD SCREW	1
5-14	640134	640134	640134	640134	640134	640134	O-RING	2
5-15	611153	611153	611153	611153	611153	611153	BOLT	4
5-16	631420	631420	631420	631420	631420	631420	SPRING WASHER	8
5-17	631013	631013	631013	631013	631013	631013	FLAT WASHER	8
5-18	684987	684987	684987	684987	684987	684987	WASHER	12
5-19	716249	716249	716249	716249	716249	716249	RETAINER	1
5-20	713620	713620	713620	713620	713620	713620	SPRING GUIDE	2
5-21	773067	773067	773067	773067	773067	773067	BUSH	4
5-22	684537	684537	684537	684537	684537	684537	SPRING	2
5-23	714446	714446	714446	714446	714446	714446	TRIP ARM	2
5-24	700231	700231	700231	700231	700231	700231	PIN	2
5-25	716216	716216	716216	716216	716216	716216	RETAINER	1
5-26	611149	611149	611149	611149	611149	611149	BOLT M8X1.25X35 HEX FT	4
5-27	686337	686337	686337	686337	686337	686337	TAPPING SCREW	2
6	716253	716253	716253	716253	716253	716253	CENTER BUSH	2
7	716252	716252	716252	716252	716252	716252	CENTER ROD	1
8	711906	711906	711906	711906	711906	711906	CENTER DISK 80-R	4
10	771857	771704	771977	771858	771801	771705	DIAPHRAGM 80	2
11	771958	771996	772005	771999	771998	771795	VALVE SEAT 80	4
12	770559	770587	773174	770596	770605	773144	BALL	4
14	686974	686974	686974	686974	686974	686974	BALL VALVE	1
19	711912	711912	711912	711912	711912	711912	BASE 80	2
20	771402	771402	771402	771402	771402	771402	FOOT RUBBER	4
21	683408	683408	683408	683408	706144	683408	NUT	2
22	682740	682740	682740	682740	682740	682740	WASHER	2
23	686163	686163	686163	686163	686163	686163	BOLT	20
24	631014	631014	631014	631014	631014	631014	FLAT WASHER	4
25	631917	631917	631917	631917	631917	631917	WAVE WASHER M10	28
26	611204	611204	611204	611204	611204	611204	BOLT	16

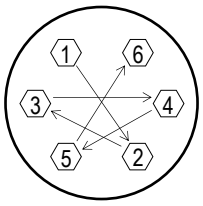
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	DP-80BAC-HD	DP-80BAN-HD	DP-80BAS-HD	DP-80BAE-HD	DP-80BAV-HD	DP-80BAH-HD		
	854492	854493	854498	854494	854495	854497		
REF. No.	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.	DESCRIPTION	QTY.
27	631015	631015	631015	631015	631015	631015	FLAT WASHER	16
28	631918	631918	631918	631918	631918	631918	WAVE WASHER	16
29	627014	627014	627014	627014	627014	627014	NUT	16
33	611177	611177	611177	611177	611177	611177	BOLT	4
34	627013	627013	627013	627013	627013	627013	NUT	4
35	611149	611149	611149	611149	611149	611149	BOLT	4
36	682276	682276	682276	682276	682276	682276	NUT W/ FLANGE	4
40	640078	640078	684124	684124	642078	684124	O RING	4
42	686164	686164	686164	686164	686164	686164	BOLT	4
44	804697	804697	804697	804697	804697	804697	MUFFLER	2
KIT	K80-MC	K80-MN	K80-MS	K80-ME	K80-MV	K80-MH	LIQUID SIDE KIT	
KIT	K80-AM-DP-HD						AIR MOTOR KIT	

General Tools:
- Socket wrench - 13mm, 17mm, 19mm, 24mm
- Hexagonal box wrench - 3mm, 5mm
- Phillips head screw driver
- Small Crowbars - 2 (B_C, B_N, B_E, B_V)
- 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 TORQUE

CLICK HERE FOR MAINTENANCE MANUAL

Customer Notes

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

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