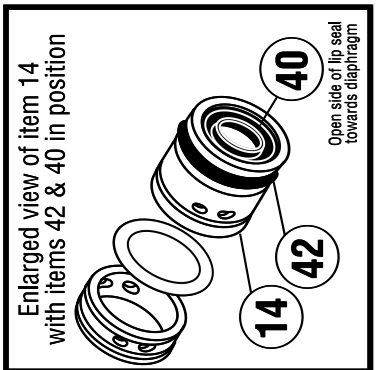
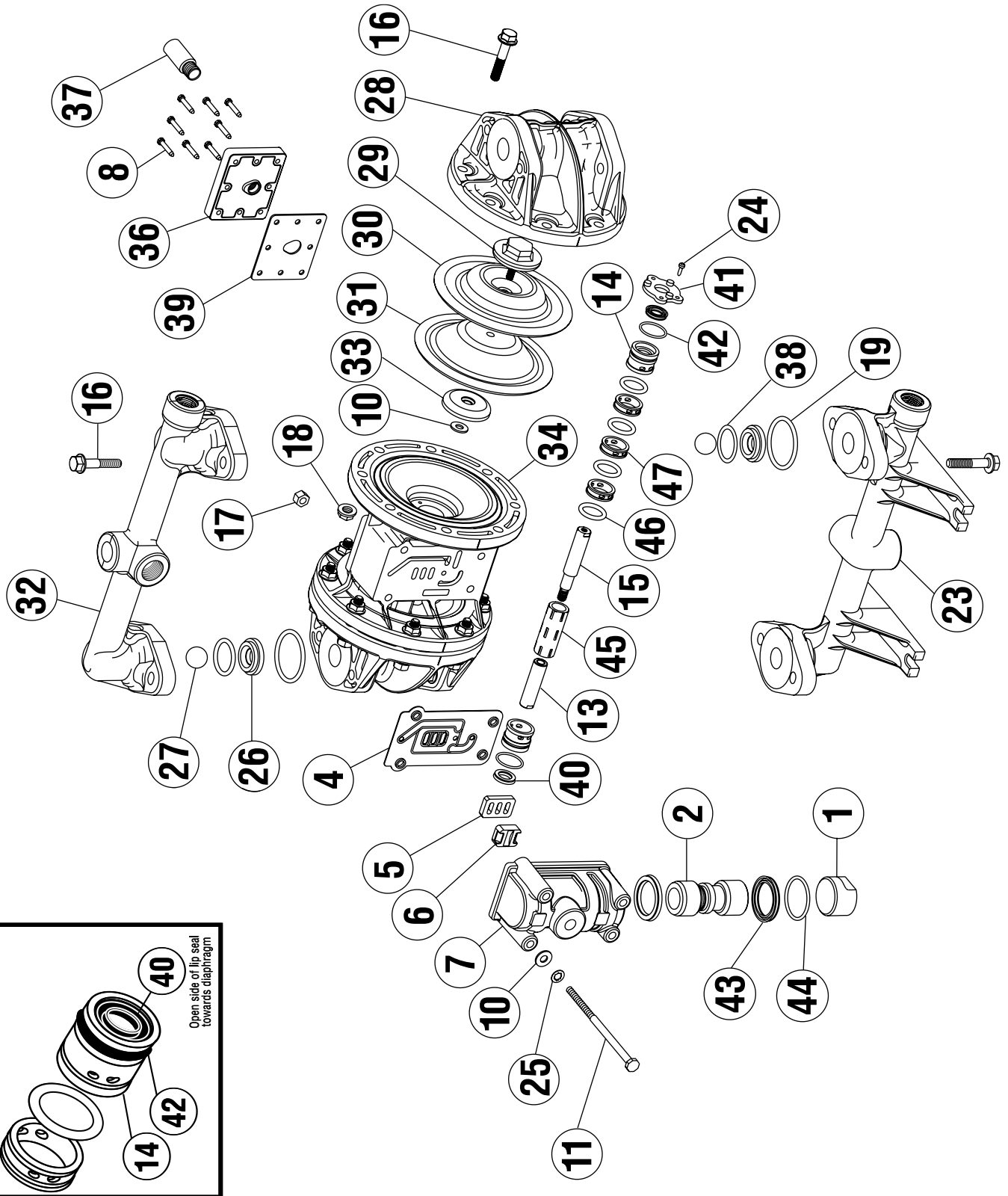


# EXPLODED VIEW & PARTS LIST

A050-SP\*-\*\*\*\*-\*\*\* BOLTED PLASTIC



# PARTS LIST - BOLTED PLASTIC

## A050-SP\*\_\*\*\*\*\_\*\*\*

ITEM	DESCRIPTION	QTY	PUMP MODEL	PART NO.	MATERIAL
1	AIR VALVE END PLUG	1	ALL MODELS	11703-60	Polypropylene
2	AIR VALVE SPOOL	1	ALL MODELS	10480-31	Acetal
4	AIR VALVE GASKET	1	ALL MODELS	12116-19	Nitrile
5	SHUTTLE PLATE	1	ALL MODELS	10416-77	Ceramic
6	SHUTTLE	1	ALL MODELS	10415-00	Special
7	AIR VALVE BODY	1	ALL MODELS	11614-60	Polypropylene
8	SLT WSHD SCREW (#8 X 1")	8	ALL MODELS (NON-PTFE COATED)	12525-26	Stainless Steel
10	FLAT WASHER (1/4")	6	ALL MODELS (NON-PTFE COATED)	12300-26	Stainless Steel
11	CAP SCREW (1/4" X 4-1/2")	4	ALL MODELS (NON-PTFE COATED)	12513-26	Stainless Steel
13	DIAPHRAGM ROD (Short)	1	ALL MODELS	*SEE NOTE	Stainless Steel
14	END SPACER (Pilot Sleeve)	2	ALL MODELS	10204-40	Polypropylene
15	DIAPHRAGM ROD (Long)	1	ALL MODELS	*SEE NOTE	Stainless Steel
16	FLNG BOLT (5/16" X 1-5/8")	24	ALL MODELS (NON-PTFE COATED)	12539-26	Stainless Steel
17	HEX NUT (1/4" - 20)	4	ALL MODELS (NON-PTFE COATED)	12600-26	Stainless Steel
18	FLNG HEX NUT (5/16" - 18)	24	ALL MODELS (NON-PTFE COATED)	12608-26	Stainless Steel
19	O-RING (Manifolds)	4	A050-SP*_***N-*** A050-SP*_***V-*** A050-SP*_***E-*** A050-SP*_***T-***	11936-11 11936-13 11936-15 11936-17	Nitrile Viton®/FKM EPDM PTFE
23	SUCTION MANIFOLD	1	A050-SPP-****-*** A050-SPY-****-*** A050-SPK-****-***	10553-40 10553-46 10553-56	Polypropylene Conductive Nylon PVDF
24	SELF TAP SCREW (#6 X 1/2")	6	ALL MODELS	12510-26	Stainless Steel
25	LOCK WASHER (1/4")	4	ALL MODELS (NON-PTFE COATED)	12350-26	Stainless Steel
26	VALVE SEAT	4	A050-SP*_**3*-*** A050-SP*_**P*-*** A050-SP*_**K*-***	10906-26 10906-40 10906-56	Stainless Steel Polypropylene PVDF
27	BALL	4	A050-SP*_*V**_*** A050-SP*_*G**_*** A050-SP*_*S**_*** A050-SP*_*3**_*** A050-SP*_*T**_***	11000-13 11000-19 11000-23 11000-26 11000-45	Viton®/FKM Geolast® Santoprene® Stainless Steel PTFE
28	OUTER CHAMBER	2	A050-SPP-****-*** A050-SPY-****-*** A050-SPK-****-***	10720-40 10720-46 10720-56	Polypropylene Conductive Nylon PVDF
29	OUTER DIAPHRAGM PLATE	2	A050-SPP-****-*** A050-SPY-****-*** A050-SPK-****-***	11200-40 11200-46 11200-56	Polypropylene Conductive Nylon PVDF
30	OVERLAY (PTFE ONLY)	2	A050-SP*-T***-***	11400-59	PTFE
31	DIAPHRAGM	2	A050-SP*-V***-*** A050-SP*-G***-*** A050-SP*-S***-*** A050-SP*-T***-***	10600-13 10600-19 10600-23 10600-23	Viton®/FKM Geolast® Santoprene® Santoprene®

# PARTS LIST - BOLTED PLASTIC

## A050-SP\*\_\*\*\*\*\_\*\*\*

ITEM	DESCRIPTION	QTY	PUMP MODEL	PART NO.	MATERIAL
32	DISCHARGE MANIFOLD	1	A050-SPP-****_***	10554-AF-40	Polypropylene
			A050-SPY-****_***	10554-AF-46	Conductive Nylon
			A050-SPK-****_***	10554-AF-56	PVDF
33	INNER DIAPHRAGM PLATE	2	A050-SPP-****_***	11100-40	Polypropylene
			A050-SPY-****_***	11100-46	Conductive Nylon
			A050-SPK-****_***	11100-56	PVDF
34	INTERMEDIATE	1	ALL MODELS	11521-60	Polypropylene
36	MUFFLER PLATE	1	ALL MODELS	13111-60	Polypropylene
37	MUFFLER	1	ALL MODELS	13008-00	Polypropylene
38	O-RING (Valve Seat)	4	A050-SP*-***N-***	11937-11	Nitrile
			A050-SP*-***V-***	11937-13	Viton®/FKM
			A050-SP*-***E-***	11937-15	EPDM
			A050-SP*-***T-***	11937-17	PTFE
39	GASKET (Muffler Plate)	1	ALL MODELS	12117-19	Nitrile
40	LIP SEAL (Diaphragm Rod)	2	ALL MODELS	12000-76	Nitrile
41	RETAINING PLATE	2	ALL MODELS	12708-54	Nylon
42	O-RING (End Spacer)	2	ALL MODELS	11923-11	Nitrile
43	AIR VALVE LIP SEAL	2	ALL MODELS	12003-76	Nitrile
44	O-RING (Valve End Plug)	1	ALL MODELS	11913-11	Nitrile
45	PILOT SLEEVE	1	ALL MODELS	10105-31	Acetal
46	O-RING (Pilot Sleeve)	4	ALL MODELS	11920-16	Urethane
47	INNER SPACER (Pilot Sleeve)	3	ALL MODELS	10203-40	Polypropylene

\* Any Character

\* NOTE: DIAPHRAGM ROD CAN ONLY BE PURCHASED AS AN ASSEMBLY.

DIAPHRAGM ROD ASSEMBLY Items 13 & 15	1	ALL MODELS	33000-00	Stainless Steel
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### OPTIONAL ASSEMBLIES AVAILABLE

MAIN AIR VALVE ASSEMBLY Items 1,2,4,5,6,7,43,44	1	ALL MODELS	AMK-050-P	Various
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PILOT VALVE ASSEMBLY Items 14,40,42,45,46,47	1	ALL MODELS	APK-050-P	Various
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