



SDI Diaphragm Pump
Part No. 78-0020AP

PI181/0909jj

SDI Diaphragm Pump Model 78-0020AP

Item Number	Part Number	Description	Qty
1	78-038	Wing Nut 1-1/2"	1
2	78-039	Hose Barb Elbow 1-1/2"	1
3	78-815	Inlet Elbow O-ring	1
4	78-041	Pump Inlet Adapter	1
5	78-042	Pump Inlet Adapter O-ring	1
6	78-037	Safety Valve Assembly	1
12	78-036	Tee Fitting	1
13	78-034	Socket Head Cap Screw	6
14	78-033	Pump Crank Case Flange	1
15	78-032	Front Flange O-ring	1
16	78-031	Front Flange O-ring	1
17	78-030	Front Flange O-ring	1
18	78-029	Shaft Oil Seal	1
20	78-424	Socket Head Cap Screw	12
21	78-084	Flatwasher	11
22	78-421	Pump Manifold	3
23	78-805	Pump Manifold	6
29	78-076	Inlet/Outlet Check Valve	6
30	78-414	Inlet/Outlet Check Valve O-ring	6
31	78-073	Check Valve Cap	3
32	78-034	Socket Head Cap Screw	12
33	78-043	Hex Head Bolt	2
34	78-047	Pump Mounting Bracket	2
35	78-431	Gas Plug O-ring	1
36	78-046	Plug Gas Threads 1/4"	1
37	78-056	Connecting Fods, Set of 3	1
38	78-437	Piston	3
39	78-438	Compression Ring	3
40	78-439	Piston Sleeve	3
41	78-051	Diaphragm Bolt	3
42	78-145	Diaphragm Disc	3
43	78-440	Diaphragm Buna	3
44	78-049	Pivot Pin	3
45	78-048	External Snap Ring	6
46	78-905	Hex Nut	2
47	78-027	Roller Bearing	1
48	78-095	Spacer Ring	1
49	78-026	Ring, Connecting Piston Rod	2
50	78-025	External Snap Ring	1
51	78-024	Ball Bearing	1
52	78-090	Crankshaft	1
53	78-022	Oil Seal	1

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Item Number	Part Number	Description	Qty
54	78-021	Internal Snap Ring	1
55	78-068	Oil Reservoir Cap	1
56	78-069	Cap O-ring	1
57	78-070	Plastic Oil Reservoir	1
58	78-072	Socket Head Cap Screw	2
59	78-333	Flatwasher	2
60	78-071	Oil Reservoir O-ring	1
61	78-058	Pulsation Damper Body Adapter O-ring	1
62	78-059	Pulsation Damper Body Adapter	1
63	78-060	Pulsation Damper Body	1
64	78-061	Pulsation Damper Diaphragm Support	1
65	78-062	Pulsation Damper Diaphragm	1
66	78-063	Pulsation Damper Cover	1
67	78-064	Air Valve Washer	2
68	78-065	Air Valve	1
69	78-066	Hex Head Bolt	8
70	78-067	Hex Nut	8
71	78-761	Pulsation Damper Assembly	1
72	78-028	Pump Crank Case	1
	78-092	Pump Repair Kit consists of the following:	
	78-082	Pump Manifold O-ring	6
	78-076	Inlet/Outlet Check Valve	6
	78-414	Inlet/Outlet Check Valve O-ring	6
	78-440	Buna Diaphragm	3
	78-062	Pulsation Damper Diaphragm	1