



PARTS LIST

ITEM	PART NO.	DESCRIPTION	KIT	QTY.	ITEM	PART NO.	DESCRIPTION	KIT	QTY.	ITEM	PART NO.	DESCRIPTION	KIT	QTY.
1.	51.0106.22	Crankcase	1		18.	51.1000.51	Head Ring	96,97	3	31.	96.7070.00	Washer, Flinger	3	
2.	98.2100.00	Plug, 3/8-BSPP	2			51.1001.51	Head Ring	140,141		32.	97.7310.00	Connecting Rod Pin	3	
3.	90.3833.00	O-Ring, .549 x .103	1		19.	90.2620.00	Packing	96,97	3	33.	51.1600.22	Crankcase Cover	1	
4.	51.2091.02	Protector	1			90.2681.00	18mm	140,141		34.	99.1867.00	Screw, M6 x 18	4	
5.	90.1565.00	Oil Seal	83	3	20.	51.0800.70	Packing Retainer	86,96	3	35.	90.3917.00	Gasket	1	
6.	98.2041.00	Plug	1			51.0803.70	18mm	139,140		36.	51.0301.22	Connecting Rod End	3	
7.	51.1200.23	Manifold, Aluminum	1		21.	90.3604.00	O-Ring, .989 x .070	86,96,97	3	37.	51.0500.56	Piston Guide	3	
	51.1200.41	Manifold, Brass				18mm	139,140,141			38.	99.3345.00	Screw, 3/8-BSPP	4	
	51.1204.41	Manifold, Brass (TP2032)			22.	90.3835.00	O-Ring, .594 x .103	86,96,97	3	39.	96.7104.00	Washer, M10, Schnorr	4	
8.	96.6938.00	Washer, M6.4, Schnorr	12			90.3843.00	18mm	139,140,141		40.	99.1867.00	Screw, M6 x 18	4	
9.	99.1943.00	Screw, M6 x 40	12		23.	97.5968.00	Sight Gauge		1	41.	96.6938.00	Washer, M6.4, Schnorr	4	
10.	90.3841.00	O-Ring, .674 x .103	123	6	24.	91.8015.00	Needle Bearing		1	42.	10.0344.22	Flange	1	
11.	36.2003.66	Valve Seat	123	6	25.	98.2103.00	Oil Dip Stick		1	43.	50.2115.51	Spacer	1	
12.	36.2001.76	Valve Plate	123	6	26.	92.2216.00	Nut, M8		3	44.	90.4097.00	O-Ring, 2.187 x .139	1	
13.	94.7376.00	Spring	123	6	27.	96.7008.00	Washer, M8		3	45.	90.1644.00	Oil Seal	1	
14.	36.2002.51	Valve Cage	123	6	28.	51.0400.09	Plunger		3	46.	90.0667.00	Snap Ring	1	
15.	90.3847.00	O-Ring, .797 x .103	84	6		51.0401.66	18 mm			47.	20.2835.21	Bearing	1	
16.	98.2216.00	Valve Cap	84	6	29.	90.3572.00	O-Ring, .208 x .070		3	48.	51.0215.65	Crankshaft	1	
17.	36.7115.01	Valve Assembly	123	6	30.	90.5022.00	Back-up Ring		3		51.0225.65	Crankshaft (TP2024)		

REPAIR KITS

KIT NO.	83	86 (15mm)	96 (15mm)	97 (15mm)	123	139 (18mm)	140 (18mm)	141 (18mm)
ITEM NO.s INCLUDED IN KIT	5	20, 21, 22	18, 19, 20, 21, 22	18, 19, 21, 22	6, 7, 8, 10, 11, 12 (17)	20, 21, 22	18, 19, 20, 21, 22	18, 19, 21, 22
NUMBER OF ASSEMBLIES IN KIT	3	3	1	3	6	3	1	3
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	1	3	3	3	1	3

TORQUE SPECS*

Position	Ft.-lbs.
2	29.4
6	14.7
9	8.8
16	60.0
23	13.2
26	11.0
34	7.3
38	22.1
40	7.3
49	14.7
52	7.3



GENERAL PUMP

*Decrease torque by 20% if threads are lubricated.