



## PARTS LIST

ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.
1	47120841	Manifold		1	19	98210600	Oil Dip Stick		1	37	96728000	Washer	6	3
	47120941	Manifold, Nickel-Plated (TS2021-N)		1	20	90392200	O-Ring, Cover		1	38	47219566	Screw, Plunger	6	3
2	99320600	Screw, M8 x 70		8	21	47021735	Crankshaft		1	39	47150022	Cover, Crankcase	10, 28	3
3	96702000	Washer, M8.4		8	22	90055700	Ring, Snap		6	40	97567800	Shim	2	1
4	90384100	O-Ring, .674 x .103	1	6	23	91489000	Key		1	41	90164800	Seal, Oil	3	1
5	36200366	Seat, Valve	1	6	24	97738000	Pin, Wrist		3	42	90361600	O-Ring, 1.364 x .070	10, 28	3
6	36200176	Plate, Valve	1	6	25	47050554	Guide, Plunger		3	43	47080570	Retainer, Packing	10, 28	3
7	94737600	Spring	1	6	26	47030001	Rod, Connecting		3	44	90270500	Packing	28, 69	3
8	36200251	Guide, Valve	1	6	27	99191200	Screw, M6 x 30		5	45	47100051	Ring, Head, M20	7, 28	3
9	90384700	O-Ring, .797 x .103	4, 5	6		99183700	Screw, M6 x 14 (T1011)		5	46	47216970	Intermed. Ring	28, 71	3
10	98222000	Cap	4	6	28	47160122	Cover, Crankcase		1	47	90270400	Restop Ring	28, 69, 71	3
	98222200	Cap, Ni-Plated (TS2021-N)	5	6		47160022	Cover, Crankcase (T1011)		1	48	47200074	Pump Feet		2
11	36703201	Valve Assembly	1	6	29	97596800	Oil Indicator		1	49	99364400	Screw, M10 x 18	4	4
12	99303900	Screw, M8 x 16		8	30	98204100	Cap		1	50	96710600	Washer, M10.2	4	4
13	47150122	Cover, Crankcase	1	6	31	90358500	O-Ring, .426 x .070	6	4	51	98217600	Cap	1	1
14	90391300	O-Ring, 2.675 x .103	2	6	32	99309900	Screw, M8 x 35		6	52	96751400	Washer, M21.5	1	1
15	640047	Bearing, Roller		2	33	96701400	Washer, M8.4		6	53	98210000	Cap	1	1
16	90162500	Seal, Oil	2	3	34	96728600	Washer, M14	6	3	54	96738000	Washer, M17.5	1	1
17	90912600	Bushing		3	35	47040409	Plunger, (20 mm)		3	56	90271000	Seal, Low Press., 20mm	28, 69	3
18	47010522	Crankcase		1	36	90506700	Ring, Back-up	6	3					

## REPAIR KITS

KIT NO.	1	2	3	4	5	6	7	10	28	69	71
ITEM NO.s INCLUDED IN KIT	4, 5 6, 7, 8 (11)	16	41	9, 10	9, 10	31, 34, 36, 37, 38	45	42, 43	42, 43, 44, 45, 46, 47, 56	44, 47, 56	46, 47
NUMBER OF ASSEMBLIES IN KIT	6	3	2	6	6	3	6	3	1	3	3
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	-	3	3	3	3	3	1	3	3

## TORQUE SPECS\*

Position	Ft.-lbs.
2	22.1
10	73.7
12	14.7
27	7.3
29	13.2
30	14.7
32	14.7
38	14.7
49	29.4
51	29.4
53	29.4

\*Decrease torque by 20% if threads are lubricated.