

PARTS LIST AND DIAGRAM

Part	NAME	Qty	Part	NAME	Qty
1	Needle Roller $\Phi 4 \times 18$	1	49	Ball Bearing 6302	1
2	$\Phi 18 \times \Phi 12 \times 1$ flat washer	1	50	Housing Ass'y	1
3	Locking Lever Cover	1	51	Woodruff Key	2
4	$\Phi 12 \times \Phi 18 \times 1$ flat washer	1	52	Crank Shaft	1
5	Lever Spring	1	53	Crank Shaft Cover	1
6	Spring Cover	1	54	O Ring $\Phi 90 \times \Phi 2.4$	1
7	Front cover	1	55	Oil Felt	2
8	Locking Lever	1	56	Oil Case	1
9	Hex. Socket Bolt set M8 $\times$ 30 (12.9)	6	57	Hex. Socket Bolt M5 $\times$ 16	4
10	O Ring $\Phi 65 \times \Phi 1.9$	1	58	Oil case seal ring	1
11	Small Urethane Ring	1	59	Oil Cover	1
12	Fluorin O Ring $\Phi 23.6 \times \Phi 5$	1	60	Oil gauge washer $\Phi 24 \times 2.1$	1
13	Shank Sleeve	1	61	Self-tapping screws 5 $\times$ 16	4
14	Mouth Cover	1	62	Oil Gauge	1
15	Mouth	1	63	Armature	1
16	Mouth Washer	1	64	Ball Bearing 6201RS	1
17	Big Urethane Ring	1	65	Self-tapping screws 5 $\times$ 65	2
18	Cylinder	1	66	Fan Guide	1
19	Aluminum Head	1	67	Stator	1
20	Hex. Socket Bolt set M8 $\times$ 40(12.9)	4	68	Stator Ass'y	1
21	O Ring $\Phi 62 \times \Phi 2.4$	1	69	Hex. Socket Bolt M6 $\times$ 20	2
22	L-Ring	1	70	Coil Spring	2
23	Piston Pin $\Phi 12 \times 43$	1	71	Brush holder	2
24	Piston	1	72	Carbon Brush	2
25	Connecting Rod Ass'y	1	73	Tapping screw 3 $\times$ 10	2
26	Needle Bearing NK18/20 WED	1	74	Tapping screw set 4 $\times$ 8	2
27	Crank Washer	1	75	Back Cover	1
28	Hex. Socket Bolt set M8 $\times$ 25(12.9)	1	76	Hex. Socket Bolt set M6 $\times$ 20	4
29	Oil Gauge	1	77	Hex. Socket Bolt set M6 $\times$ 35	2
30	Oil Gauge washer $\Phi 24 \times 2.1$	1	78	Main Handle Seat	1
31	Hex. Socket Bolt M6 $\times$ 30 (12.9)	6	79	Hex. Socket Bolt set M6 $\times$ 20	4
32	Gear Cover	1	80	Switch	1
33	Ball Bearing 6302RS	1	81	Cord Clip	1
34	$\Phi 22$ Retaining Ring	1	82	Self-tapping screws 4X16	2
35	Final Gear	1	83	Main Handle Cover	1
36	Distance Ring	1	84	Self-tapping screws 4X16	5
37	Heptagon Ring	1	85	Cord Armor	1
38	Hex. Socket Bolt M6 $\times$ 20	4	86	Cord	1
39	Bearing press plate	1	87	Plastic Locking Block	2
40	Ball Bearing 6205RS	1	88	Side Handle Frame	1
41	Ball Bearing 6201RS	1	89	Round Head Screws M8 $\times$ 110	1
42	Counter Gear	1	90	Adjusting Knob Set	1
43	Machine Screw M5 $\times$ 10	3	91	M8 Nut	1
44	Ball Bearing 6001RS	1	92	Adjustment knob Cover	1
45	6001 bearing washer	1	93	Locknut M8	2
46	Hex. Socket Bolt M5 $\times$ 16	3	94	M8 Washer	2
47	Bearing press plate	1	95	Side Handle Cover	1
48	6203 bearing washer	1	96	Side Handle Shaft	1

This exploded view diagram illustrates the assembly of a mechanical device, likely a portable power source or a specialized tool. The components are numbered 1 through 96. The assembly process is shown in several stages:

- Top Section (Parts 1-13):** Shows the initial assembly of a handle or grip (1) with a series of internal components (2-13), including a central shaft (12) and a cap (13).
- Middle Section (Parts 14-25):** Details the assembly of a cylindrical component (14) with internal rings (15-17) and a long shaft (18). This is followed by the attachment of a motor or actuator unit (19, 20) and a mounting bracket (21, 22).
- Bottom Section (Parts 26-40):** Shows the assembly of a base or housing (26) with various internal components (27-40), including a central shaft (25) and a mounting bracket (21, 22).
- Right Section (Parts 41-50):** Details the assembly of a side housing or cover (41) with various internal components (42-50), including a central shaft (25) and a mounting bracket (21, 22).
- Bottom Right Section (Parts 51-60):** Shows the assembly of a base or housing (51) with various internal components (52-60), including a central shaft (25) and a mounting bracket (21, 22).
- Bottom Left Section (Parts 61-70):** Details the assembly of a base or housing (61) with various internal components (62-70), including a central shaft (25) and a mounting bracket (21, 22).
- Bottom Center Section (Parts 71-80):** Shows the assembly of a base or housing (71) with various internal components (72-80), including a central shaft (25) and a mounting bracket (21, 22).
- Bottom Right Section (Parts 81-96):** Details the final assembly of the device, including the attachment of a handle (81), a mounting bracket (82), a cable (83), a connector (84), a plug (85), a switch (86), a button (87), a lever (88), a handle (89), a bracket (90), a screw (91), a nut (92), a washer (93), a pin (94), a spring (95), and a final assembly (96).