

No.	Parts No.	Parts Name	Q'ty	No.	Parts No.	Parts Name	Q'ty
1	D42000H020	INLET BUSH	1	108	1204031530	HEX.NUT	2
2	D42000Z630	FILTER	1	109	1204031660	HEX.NUT	1
3	D42000H240	SWIVEL JOINT SEAT	1	110	1250001710	CONE LOCK NUT	2
4	D42000H220	SWIVEL JOINT VALVE	1	110	1350071420	NYLON-HEX.NUT	2
5	D42000P100	GASKET	1	111	1401152519	C-R.FLAT SCREW	1
6	D42000H660	HEAD CAP	1	112	1405171012	C-R.ROUND SCREW	4
9	D42000H360	THROTTLE PLUG	2	113	1417171028	S.FILLISTER SCREW	2
10	D42000H300	THROTTLE VALVE	2	114	1604142013	HEX.SOCKET SET SCREW	2
11	D42000H270	THROTTLE BUSH	1	115	1700111007	HEX.SOCKET PLUG	1
12	D42000H290	THROTTLE ARBOR	1	116	1954010050	SPRING WASHER	6
13	D42000S010	ACCEL GEAR	1	117	1954040020	SPRING WASHER	4
14	D42000H870	REVERSE GEAR	1	118	1957010080	TOOTHED LOCK WASHER	2
15	D42000S020	ACCEL GEAR STOPPER PIN	1	119	1957020100	TOOTHED LOCK WASHER	4
16	D42000Z310	STOPPER PLUG	1	120	1957110060	TOOTHED LOCK WASHER	1
17	D42000F160	CONTROL SHAFT	1	121	1957020050	TOOTHED LOCK WASHER	4
18	D42000E450	TOP EXHAUST SCREEN	1	122	1957130030	TOOTHED LOCK WASHER	1
19	D42000E700	MUFFLER	1	123	2012000003	BALL BEARING	1
20	D42000E650	BOTTOM EXHAUST SCREEN	1	124	2011000005	BALL BEARING	2
21	D42000G010	ADJUST VALVE	2	125	2012000008	BALL BEARING	2
22	D42000Z040	OILER	1	126	2180051104	THRUST BEARING	2
23	D42000P020	OIL SEAL PACKING	2	127	2305061106	NEEDLE BEARING	1
24	D42000H080	OIL PLUG	2	128	2305101413	NEEDLE BEARING	1
25	D42000Z580	HACKER BOLT	1	129	2305131819	NEEDLE BEARING	2
26	D42000P300	TOP SEAL PACKING	1	130	2800110250	STEEL BALL	2
27	D42000R730	ROTOR CASE	1	131	3030020100	SPRING PIN	1
28	D42000F070	S CONTROL SHAFT BUSH	1	132	3030040180	SPRING PIN	1
29	D42000F060	L CONTROL SHAFT BUSH	1	133	3030040200	SPRING PIN	1
30	D42000Z060	OILLESS BUSH	3	134	3030040250	SPRING PIN	1
31	D42000R300	TOP PLATE	1	135	3030040320	SPRING PIN	2
32	D42000R200	CYLINDER	1	136	3030050200	SPRING PIN	1
33	D42000R720	ROTOR	1	137	3030055280	SPRING PIN	1
34	D42000R740	ROTOR BUSH	2	138	3030098570	SPRING PIN	2
35	D42000R500	VANE	8	139	3074080360	GROOVED PIN	2
36	D42000B580	PUSH SPRING	8	140	3107101046	KEY	1
37	D42000R510	BOTTOM PLATE	1	141	3200010220	RETAINING RING	2
38	D42000Z130	CUSHION SEAT	1	142	3200020480	RETAINING RING	2
39	D42000R780	ROTOR SPRINDLE	1	143	3990108016	PARALLEL PIN	1
40	D42000Z690	WHEEL SHAFT	1	144	4011173005	OIL SEAL	1
41	D42000F030	UPPER LINK CHAIN WHEEL	1	145	4150100090	O RING	4
42	D42000F020	UPPER LINK CHAIN GUIDE	1	146	4152100130	O RING	2
43	D42000Z610	PUSH PLATE	1	147	4152100140	O RING	2
44	D42000S030	INTERNAL GEAR	1	148	9010000079	GREASE CUP	1
45	D42000Z230	SIDE PLATE	1	149	9110050115	NYLON ROPE	2
46	D42000S060	IDLE GEAR	2	150	9131064029	LINK CHAIN	1
47	D42000S070	IDLE GEAR BUSH	2	151	1141420012	STRIPPER BOLT	1
48	D42000S140	GEAR RING BOLT	2	152	1951010060	PLAIN WASHER	1
49	D42000Z330	SLEEVE	2	152	1951010060	PLAIN WASHER	3
50	D42000T220	SET BOLT	2	153	1350071420	NYLON-HEX.NUT	1
51	D42000S130	GEAR FRAME	1				
52	D42000F530	BRAKE WHEEL	1				
53	D42000F520	BRAKE CAM	1				
54	D42000Z670	BALL HOLDER	1				
55	D42000G080	ADJUST SCREW	1	44	D40A00S030	INTERNAL GEAR	1
56	D42000F510	BRAKE ARM	2	45	D40A00Z230	SIDE PLATE	1
57	D42000F550	BRAKE SPRING	1	46	D40A00S060	IDLE GEAR	2
58	D42000F560	BRAKE CAP	1	47	D40A00S070	IDLE GEAR BUSH	2
59	D42000F500	HOOK	2	51	D40A00S130	GEAR FRAME	1
60	D42000B230	STOPPER PIN SPRING	2	54	D40A00Z670	BALL HOLDER	1
61	D42000Z260	STOPPER	2	129	2305131811	NEEDLE BEARING	2
62	D42000Z250	STOPPER PIN	2	131	1604171010	HEX.SOCKET SET SCREW	1
63	D42000Z480	TOP BRACKET	1	144	4121182403	OIL SEAL	1
64	D42000F540	HOOK COLLAR	2				
65	D42000S640	BEARING COVER	2				
66	D42000F170	CONTROL ARM	1				
67	D42000H550	HANDLE	2				
68	D42000F190	CONTROL HANDLE	1	73	D42000I580	HOLDER	1
69	D41000Z560	HANGER	2	76	D42000F310	SAFETY STOPPER	1
70	D41000Z100	COLLAR	1	80	D42001F011	ANCHOR	1
71	D42001F401	CHAIN HOLDER	2	82	D42001Z291	STOPPER BOLT	2
72	D41000Z220	SUPPORTER	1	83	D42000F820	LOWER LINK CHAIN WHEEL	1
73	D41000I580	HOLDER	1	84	D42000I020	INNER RACE	1
74	D41000F150	CUP	1	85	D42000F800	LOWER LINK CHAIN GUIDE	2
75	D41000Z340	STOPPER RING	1	86	D42000I200	SPACER	2
76	D41000F310	SAFETY STOPPER	2	87	D42000F570	HOLDER SHAFT	1
77	9150641600	CHAIN BACKET	1	88	D42000Z280	STOPPER SCREW	1
100	1010106014	HEX. BOLT	2	89	D42000F300	SHROUD	2
101	1011430016	HEX. BOLT	2	90	D42000Z910	LOCK SCREW	1
102	1051420019	HEX.SOCKET CAP SCREW	4	150	9131064055	LINK CHAIN	1
103	1051710019	HEX.SOCKET CAP SCREW	6	151	1141420012	STRIPPER BOLT	3
104	1051710025	HEX.SOCKET CAP SCREW	2	152	1951010060	PLAIN WASHER	3
105	1204011530	HEX.NUT	1	153	1405152016	C-R.ROUND SCREW	1
106	1992102013	SMALL HEX.NUT	1	154	2305222925	NEEDLE BEARING	1
107	1204031525	HEX.NUT	2	155	3990107025	PARALLEL PIN	1

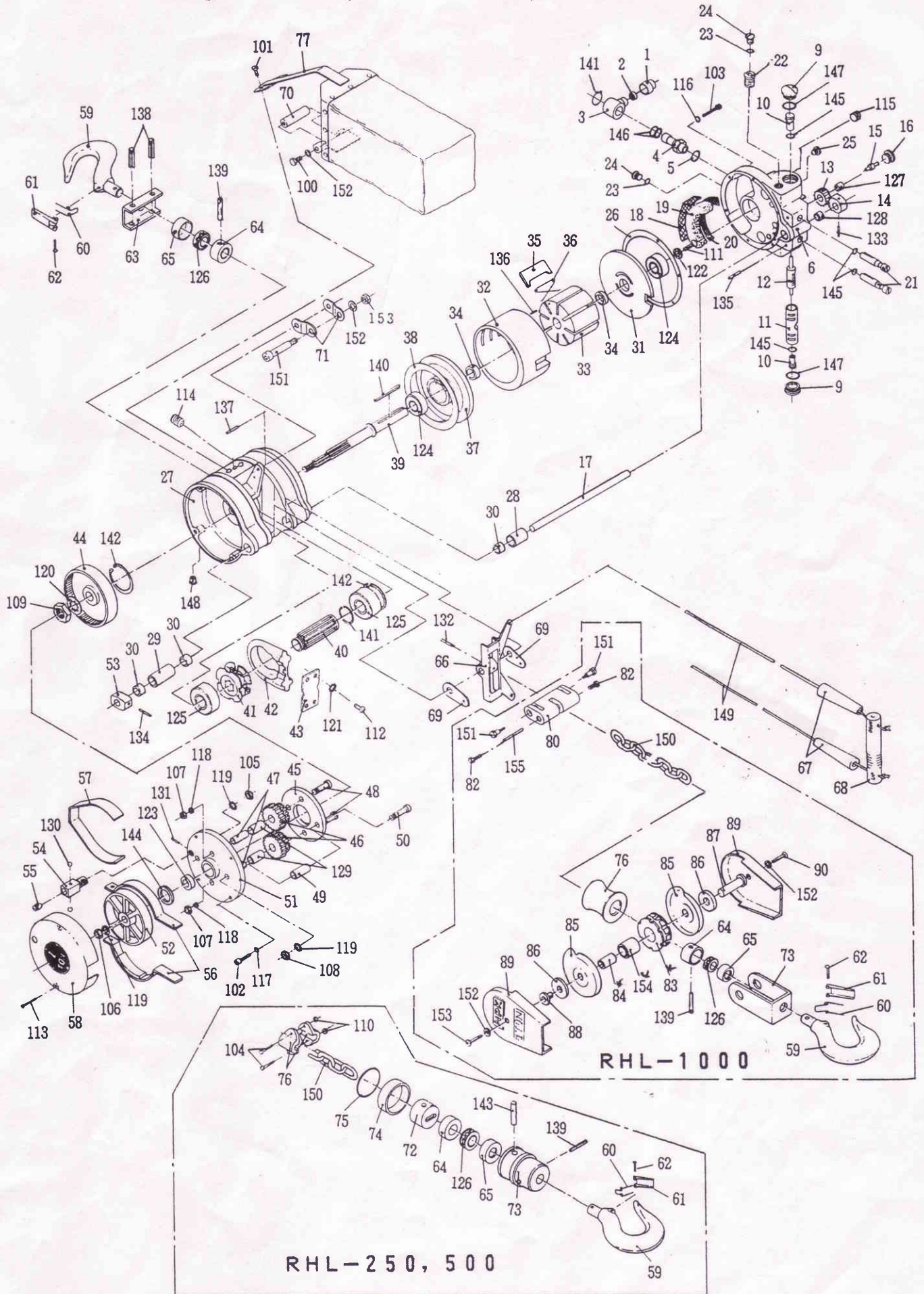
FOR ONLY RHL-250

FOR ONLY RHL-1000

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# PARTS LIST


## RHL-250, RHL-500, RHL-1000



## Safety Instructions for the Operation of NPK Air Tools

Thank you for your purchase of NPK product.  
For safe operation of your air tool, read this safety instruction sheet thoroughly and become completely familiar with the product before using it.

This safety instruction sheet uses the following safety alert symbol. When you see the symbol, follow the precautions given in safety message to avoid personal injury or death.

 **WARNING:** Failure to follow the instructions in the message might cause a serious accident or death.

### **WARNING**

- ★ Read this safety instruction sheet thoroughly and become completely familiar with the product before using it. We don't take any responsibility for an accident or malfunction caused by misuse or improper operation.
- ★ Keep this safety instruction sheet as a ready reference for anyone who may use the air tool.
- ★ If this safety instruction sheet is missing or any warning or caution label attached to the air tool is missing or defaced (damaged or illegible), replace it with new one. The safety instruction sheet and labels are available through your local NPK dealer.
- ★ If the air tool is to be leased, loaned or sold to anyone, this safety instruction sheet must be with the air tool.

If you have any question about the product or the description in this safety instruction sheet, contact us or your local NPK dealer.

### **WARNING** ■ Preparations

- ★ Use appropriate air pressure.  
Do not use an air pressure other than specified.
- ★ Do not use high-pressure gas other than compressed air. If flammable gas, such as a high pressure gas of oxygen, hydrogen, acetylene or propane, is used, there is a danger of causing an explosion.
- ★ Attach air hose fitting devices to the air hose and air tool securely.

### **WARNING** ■ Working environment

- ★ The working place should be well lighted and organized properly.
- ★ Never use the air tool in a place where there is a danger of causing an explosion.

### **WARNING** ■ Clothing

- ★ Wear tight fitting clothing appropriate for the work.
- ★ Know and use the protective equipment that is to be worn when using the air tool:  
Hard hats, protective glasses, ear protection, mask, protective shoes, and anti-vibration gloves.

### **WARNING**

■ Observe the following conditions when using the air tool.

- ★ Lock the work securely.
- ★ Do not bring your hand or cloth close to the moving part.
- ★ Take a break as necessary.
- ★ Work in a stable posture holding the air tool securely.
- ★ Use caution to prevent accidental start of the air tool.
- ★ Do not use the air tool for purposes other than specified.
- ★ Do not modify the air tool.
- ★ Do not remove any component part.
- ★ Make sure to perform inspection.
- ★ If you feel something unusual about the air tool during operation, stop the operation immediately and have it inspected and if necessary repaired.
- ★ When maintenance or inspection is performed, when the head tool is changed, or when any danger is anticipated, stop the supply of air and remove the air hose from the air tool.
- ★ Do not make the air tool in contact with electricity.
- ★ When using the air tool at an elevated place, take measures to prevent it from dropping.
- ★ Use ear protection if the operating noise is high.
- ★ Observe the relevant regulations about noise.  
If necessary, install a sound barrier or the like.
- ★ If you experience discomfort or pain due to vibration of the air tool, stop the operation and take a break.
- ★ Be alert during operation  
Do not play with the air tool. Do not use it when you are tired; otherwise, it will cause personal injury or an accident.
- ★ People other than fellow workers involved should be kept away from the working area.
- ★ Do not use the air tool beyond the rated capacity.
- ★ Pay attention to the direction of exhaust.
- ★ Use caution not to allow the entrance of dirt into the unit when connecting the air hose to the air tool.
- ★ When the air tool is placed out of service, take care of the air tool sufficiently and then store it in a dry, safe place which is out of the reach of children.

### **WARNING** ■ Maintenance and inspection

- ★ Make sure to perform maintenance and inspection at regular intervals.

### **WARNING** ■ Modification and repair

Unauthorized modification or repair can cause an accident. We don't take any responsibility for an accident or malfunction if the air tool is modified or repaired by the user himself. The repair, disassembly, and reassembly of the air tool must be left to your local NPK dealer.

### ■ Information

For any additional information required, please refer to your local NPK dealer or the following NPK offices.

### ■ NPK Offices

**NPK** Nippon Pneumatic Mfg. Co., Ltd.

Sales Department: 4-11-5, Kamiji, Higashinari-ku, Osaka, 537-0003, Japan  
Tel: 06-6973-9103  
Fax: 06-6973-9112