





## Parts Breakdown

HR1830F

*Products with multiple versions are listed in subsiding order with the newest version on top not indented*

<u>Fig #</u>	<u>Part ID</u>	<u>Part Name</u>	<u>Quantity</u>
1	286263-4	CAP 35, HR2450F	1
2	233940-9	RING SPRING 19, HR2450F	1
3	419220-9	CHUCK COVER, HR1830F	1
4	257241-1	RING 21, HR2450F	1
5	345187-4	GUIDE WASHER, HR2450F	1
6	233916-6	CONICAL COMP. SPRING 21-29, HR2450F	1
7	921923-8	HEX. BOLT M8 X 120, HP2050F	1
8	417911-6	GRIP BASE, HR1830F	1
9	154842-5	GRIP 36 CPL.,BHR240	1
9	158057-6	GRIP 36 CPL., HR2470F	1
10	266053-1	P.T. SCREW 4X35, 4304	4
11	162242-5	CHANGE LEVER, HR1830F	1
12	233459-8	COMPRESSION SPRING 3, HR1830F	1
13	419192-8	LOCK BUTTON, HR1830F	1
14	213278-8	O RING 17,HR2450F	1
15	213535-4	N/A	1
15	213956-0	OIL SEAL 25, HR1830F	1
16	211375-4	BALL BEARING 6805LLB,6222DWE	1
17	211012-0	BALL BEARING 606ZZ, HR2410	1
18	154840-9	GEAR HOUSING CPL.,HR1830F	1
19	961135-1	RETAINING (EXT)WR-25, HR1830F	1
20	267304-5	FLAT WASHER 25, HR1830F	1
21	233457-2	COMP. SPRING 25, HR1830F	1
22	331707-0	SPUR GEAR 46, HR1830F	1
26	154843-3	TOOL HOLDER, HR1830F	1
27	216022-2	STEEL BALL 7.0, HR2400	1
28	213183-9	X RING 13, HR1830F	1
29	324611-0	IMPACT BOLT, HR1830F	1
30	257275-4	RING 11, HR1830F	1
31	233942-5	RING SPRING 22, HR1830F	1
32	267175-0	FLAT WASHER 24, 6914DWA	1
33	345681-6	JOINT PLATE, HR1830F	1
34	324613-6	STRIKER, HR1830F	1
35	213182-1	O RING 14, HR1830F	1
36	331708-8	PISTON CYLINDER, HR1830F	1
37	267130-2	FLAT WASHER 9, HR2410	1
38	324612-8	PISTON JOINT, HR1830F	1
39	267130-2	FLAT WASHER 9, HR2410	1
40	227152-4	SPUR GEAR 10, HR1830F	1
41	331706-2	CLUTCH CAM, HR1830F	1
42	219019-0	SWASH BEARING 9, HR1830F	1
43	226620-4	HELICAL GEAR 23, HR1830F	1
44	423346-1	N/A	1
45	233458-0	COMP. SPRING 32, HR1830F	1
46	268147-8	PIN 4, HR1830F	1
47	443123-5	FELT 4X3, HR1830F	1
48	345645-0	CHANGE PLATE, HR1830F	1
49	233460-3	COMP. SPRING 3, HR1830F	1
50	345654-9	N/A	1
51	211012-0	BALL BEARING 606ZZ, HR2410	1
52	154841-7	NER HOUSING CPL.,HR1830F	1
53	213953-6	O RING 24, HR2431	1
54	267302-9	FLAT WASHER 9, HR1830F	1
55	267231-6	FLAT WASHER 9, HR2450F	1
56	210060-6	BALL BEARING 609LLU, HR2431	1
57	267231-6	FLAT WASHER 9, HR2450F	1
58	240083-0	FAN 52, HR1830F	1
59	515646-4	ARMATURE ASS'Y 115V, HR1830F	1
60	681636-0	INSULATION WASHER, 9557PB	1
61	210017-7	BALL BEARING 607DDW, 420S,T2	1
62	421868-5	LABYRINTH RUBBER RING,9553NB	1
63	266091-3	TAPPING SCREW 4X50, 6812	2
64	419196-0	BAFFLE PLATE, HR1830F	1
65	633621-9	FIELD 115V, HR1830F	1



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**HR1830F**

66	419200-5	MOTOR HOUSING, HR1830F	1
67	862451-3	NAME PLATE, HR1830F	1
68	191927-6	CARBON BRUSH SET CB-407, BO5030K	1
68	195007-0	CARBON BRUSH SET CB-407, FS4200	1
69	814935-7	N/A	1
70	631570-4	LIGHT CIRCUIT, HR1830F	1
71	664895-1	CORD	1
72	682559-5	CORD GUARD 8, 6824	1
73	638236-7	BRUSH HOLDER UNIT, HP2070F	1
74	650570-5	SWITCH, HR1830F	1
75	687063-9	STRAIN RELIEF, 4323K	1
76	265995-6	TAPPING SCREW 4X18, 4323K	2
77	686038-5	RECEPTACLE SLEEVE, HP2070F	2
78	419197-8	HANDLE COVER, HR1830F	1
79	265999-8	TAPPING SCREW M4X25, HM1800	3
80	819358-4	N/A	1
81	819363-1	N/A	1
1,001	415486-9	STOPPER POLE, HP2030	1
1,002	804345-6	N/A	1
1,003	824650-5	PLASTIC TOOL CASE, HP2050F	1