

SPARE PARTS LIST

MODEL NO. HR2230

ITEM	PART NO.	DESCRIPTION	QTY	NOTE
001	286263-4	CAP 35	1	
002	233940-9	RING SPRING 19	1	
003	417629-9	CHUCK COVER	1	
004	257241-1	RING 21	1	
005	345187-4	GUIDE WASHER	1	
006	233916-6	CONICAL COMP. SPRING 21-29	1	
007	921923-8	HEX. BOLT M8X120	1	
008	345280-4	HEX. WASHER	1	
009	417630-4	GRIP BASE	1	
010	158057-6	GRIP 36 COMPLETE	1	
013	162244-1	CHANGE LEVER	1	
014	233459-8	COMPRESSION SPRING 3	1	
015	419192-8	LOCK BUTTON	1	
016	213278-8	O RING 17	1	
017	158305-3	GEAR HOUSING COMPLETE	1	
018	266351-3	TAPPING SCREW 4X35	4	
019	153290-5	NEEDLE BEARING COMPLETE	1	
020	233918-2	RING SPRING 28	1	
021	267805-3	WASHER 30	1	
022	233328-3	COMPRESSION SPRING 31	1	
023	227019-6	SPUR GEAR 51	1	
024	216022-2	STEEL BALL 7.0	1	
025	158575-4	TOOL HOLDER COMPLETE	1	
026	267229-3	FLAT WASHER 28	1	
027	331769-8	SLEEVE 9	1	
028	324669-9	IMPACT BOLT	1	
029	324402-9	RING 10	1	
030	421955-0	CUSHION RING 13	1	
031	324216-6	O RING CASE	1	
032	213073-6	O RING 9	1	
033	233917-4	RING SPRING 28	1	
034	324214-0	STRIKER	1	
035	213227-5	O RING 16	1	
036	317517-9	PISTON CYLINDER	1	
037	267104-3	FLAT WASHER 12	1	
038	324215-8	PISTON JOINT	1	
039	267104-3	FLAT WASHER 12	1	
040	213727-5	O-RING 63	1	
041	211012-0	BALL BEARING 606ZZ	1	
042	267212-0	FLAT WASHER 12	1	
043	233347-9	COMPRESSION SPRING 12	1	
044	331734-7	CLUTCH CAM	1	
045	227182-5	SPUR GEAR 10	1	
046	219014-0	SWASH BEARING 10	1	
047	226656-3	HELICAL GEAR 26	1	
048	266273-7	HEX. SOCKET HEAD BOLT M4X12	2	
049	345179-3	BEARING RETAINER	1	
050	267234-0	FLAT WASHER 8	1	
051	211032-4	BALL BEARING 608ZZ	1	
052	324212-4	RING 8	1	
053	961011-9	STOP RING E-4	1	
054	233388-5	COMPRESSION SPRING 5	1	
055	346035-0	CHANGE PLATE	1	
056	158308-7	INNER HOUSING COMPLETE	1	
057	443126-9	FELT	1	
058	213407-3	O RING 26	1	
059	213077-8	OIL SEAL 10	1	
060	210059-1	BALL BEARING 6000DDW	1	
061	267213-8	FLAT WASHER 10	1	
062	240092-9	FAN 64	1	
063	515283-4	ARMATURE ASS'Y 220V	1	

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		INC. 60-62,64,65		
064	681670-0	INSULATION WASHER	1	
065	210023-2	BALL BEARING 627DDW	1	
066	267804-5	WAVE WASHER 15	1	
067	266415-3	TAPPING SCREW 4X55	2	
068	344871-8	RETAINER	2	
069	419716-0	BUFFLE PLATE	1	
070	626573-1	FIELD 220V	1	
071	419720-9	MOTOR HOUSING	1	
072	863508-3	HR2230 NAME PLATE	1	
073	194074-2	CARBON BRUSH CB-325	1	
074	638500-6	BRUSH HOLDER UNIT	1	
075	650589-4	SWITCH C3VA-2L	1	
076	814954-3	HR2230 SERIAL NO.LABEL	1	
077	682566-8	CORD GUARD 10	1	
078	691015-4	POWER SUPPLY CORD 0.75-2-2.5	1	
079	687261-5	STRAIN RELIEF	1	
080	266324-6	TAPPING SCREW 4X22	1	
082	419717-8	HANDLE COVER	1	
083	266324-6	TAPPING SCREW 4X22	1	
084	266324-6	TAPPING SCREW 4X22	2	
085	819358-4	CLEAR LABEL	1	
086	819364-9	CLEAR LABEL	1	
A01	324219-0	DEPTH GAUGE	1	
A02	824799-1	PLASTIC CARRYING CASE	1	
A03	805425-1	HR2230 PLASTIC CASE LABEL	1	

SERVICE DRAWING

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