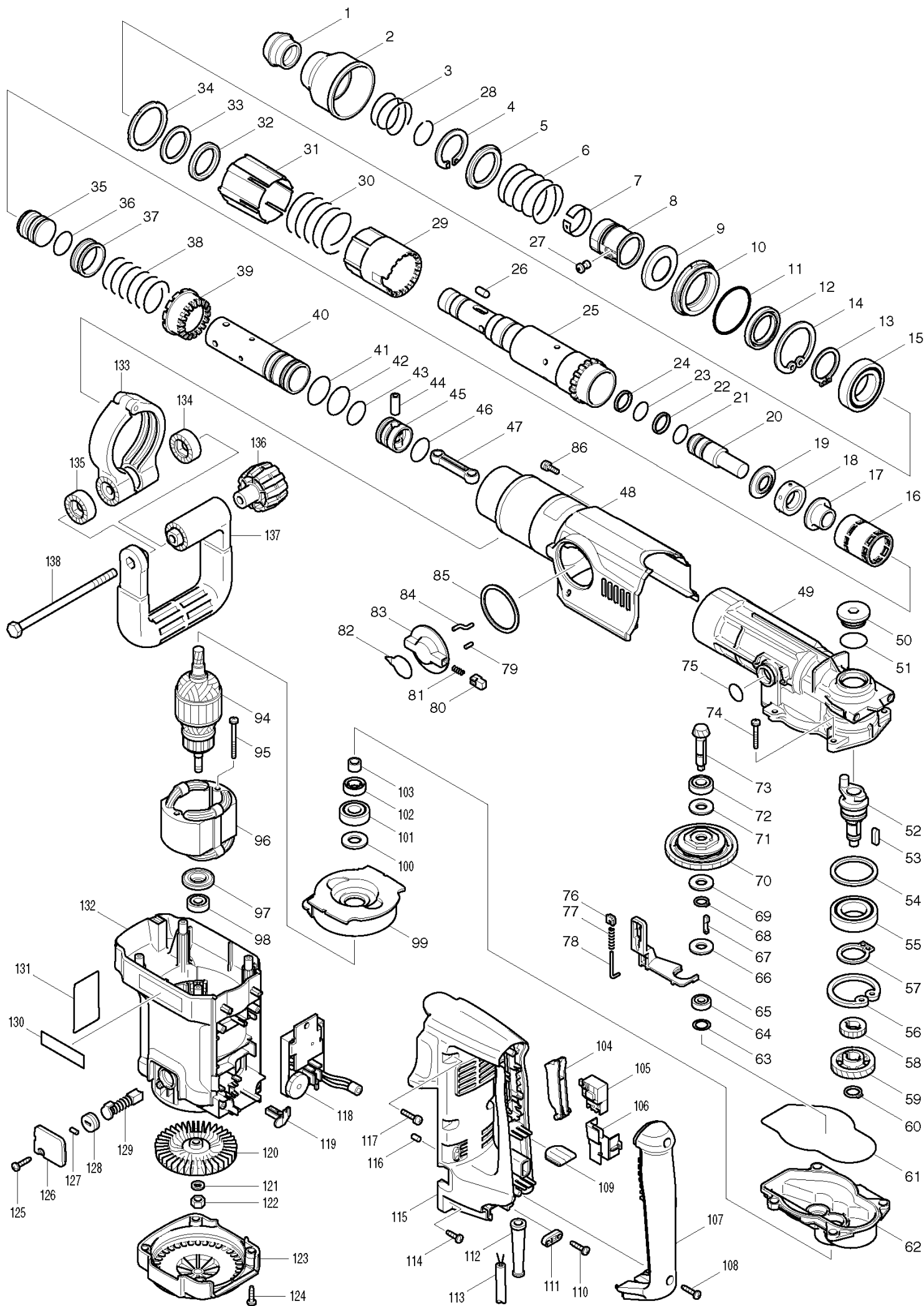




MODEL HR4500C

Item	Sub	Parts No.	Description Portuguese	Description English	Qty
1		286259-5	TAMPA DO FIX DA FERRAM	TOOL HOLDER CAP	1
2		417459-8	PROTETOR DO MANDRIL	CHUCK COVER	1
3		233178-6	MOLA DE COMPRES 46	COMPRESSION SPRING 46	1
4		961186-4	ANEL RETENTOR WR-40	RETAINING RING WR-40	1
5		344489-5	ARRUELA 40	WASHER 40	1
6		233179-4	MOLA DE COMPRES 50	COMPRESSION SPRING 50	1
7		232171-7	MOLA EM LAM 37	LEAF SPRING 37	1
8		322948-9	ANEL DO MANDRIL	CHUCK RING	1
9		344488-7	ARRUELA COPO 32	CUP WASHER 32	1
10		417435-2	ANEL DE VEDACAO	SEAL CASE	1
11		213669-3	ANEL O' RING 56	O RING 56	1
12		213480-3	VEDADOR DO OLEO 35	OIL SEAL 35	1
13		961153-9	ANEL RETENTOR S-35	RETAINING RING S-35	1
14		962301-3	ANEL RETENTOR R-62	RETAINING RING R-62	1
15		211471-8	ROLAMENTO DE ESFERA 6007LLU	BALL BEARING 6007LLU	1
16		417434-4	BUCHA DO DESLIZADOR	SLIDE SLEEVE	1
17		331589-0	BUCHA 19	SLEEVE 19	1
18		421767-1	ANEL DE BORR 22	RUBBER RING 22	1
19		331597-1	ARRUELA 19	WASHER 19	1
20		324088-9	GOLPEADOR	IMPACT BOLT	1
21		213317-4	ANEL O' RING 20	O RING 20	1
22		213392-0	ANEL DE FLUORETO 25	FLUORIDE RING 25	1
23		213317-4	ANEL O' RING 20	O RING 20	1
24		213392-0	ANEL DE FLUORETO 25	FLUORIDE RING 25	1
25		324064-3	FIXADOR DA FERRAM	TOOL HOLDER	1
26		322908-1	ROLETE 8	ROLLER 8	2
27		310052-6	PINO C/REBAIXO 8	SHOULDER PIN 8	1
28		231984-3	ANEL MOLA 25	RING SPRING 25	1
29		417437-8	BUCHA TRAVA A	LOCK SLEEVE A	1
30		233300-5	MOLA DE COMPRES 55	COMPRESSION SPRING 55	1
31		417436-0	BUCHA TRAVA B	LOCK SLEEVE B	1
32		262093-7	ANEL DE URETANO 35	URETHAN RING 35	1
33		267221-9	ARRUELA LISA 35	FLAT WASHER 35	1
34		267222-7	ARRUELA LISA 49	FLAT WASHER 49	1
35		324089-7	BATEDOR	STRIKER	1
36		213440-5	ANEL O' RING 27	O RING 27	1
37		331599-7	ANEL O RING 38	RING 38	1
38		233299-4	MOLA DE COMPRES 39	COMPRESSION SPRING 39	1
39		227401-9	ENGRENAGEM ESP 39	SPIRAL BEVEL GEAR 36	1
40		331592-1	CILINDRO 34	CYLINDER 34	1
41		213486-1	ANEL O' RING 35	O RING 35	1
42		213486-1	ANEL O' RING 35	O RING 35	1
43		213440-5	ANEL O' RING 27	O RING 27	1
44		331598-9	TUBO 10	PIPE 10	1
45		417433-6	PISTAO	PISTON	1
46		213440-5	ANEL O' RING 27	O RING 27	1
47		417432-8	BIELA	ROD	1
48		152766-9	TAMPA DA CX DA MANIVELA COMPL	CRANK HOUSING COVER COMPLETE	1
49		152764-3	CAIXA DA MANIVELA COMPL	CRANK HOUSING COMPLETE	1
50		416124-6	TAMPA DA CX DA MANIVELA	CRANK CAP	1
51		213406-5	ANEL O' RING 30	O RING 30	1
52		324065-1	EIXO DA MANIVELA	CRANK SHAFT	1
53		254218-7	CHAVETA 5	KEY 5	2
54		267219-6	ARRUELA LISA 45	FLAT WASHER 45	1
55		211418-2	ROLAMENTO DE ESFERA 6006LLU	BALL BEARING 6006LLU	1
56		962252-0	ANEL TRAVA R-55	RETAINING RING R-55	1
57		961110-7	ANEL RETENTOR S-30	RETAINING RING S-30	1
58		227017-0	ENGRENAGEM 22	SPUR GEAR 22	1

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Item	Sub	Parts No.	Description Portuguese	Description English	Qty
59		226533-9	ENGRENAGEM HELICOIDAL 37	HELICAL GEAR 37	1
60		961056-7	ANEL RETENTOR S-16	RETAINING RING S-16	1
61		421768-9	ANEL DE VEDACAO	SEAL RING	1
62		152765-1	CAIXA DA ENGR COMPL	GEAR HOUSING COMPLETE	1
63		253314-8	ARRUELA 15	THIN WASHER 15	1
64		210024-0	ROLAMENTO DE ESFERA 608LLU	BALL BEARING 608LLU	1
65		417438-6	SUORTE DA MUD	CHANGE LINK	1
66		253810-6	ARRUELA LISA 12	FLAT WASHER 12	1
67		322951-0	CHAVE DE MUD	CHANGE KEY	2
68		961052-5	ANEL TRAVA MKE-12	RETAINING RING S-12	1
69		267113-2	ARRUELA LISA 12	FLAT WASHER 12	1
70		152954-8	LIMITADOR DE TORQUE COMPL	TORQUE LIMITER COMPLETE	1
71		267113-2	ARRUELA LISA 12	FLAT WASHER 12	1
72		211138-8	ROLAMENTO DE ESFERA 6001LLU	BALL BEARING 6001LLU	1
73		227405-1	ENGRENAGEM ESP 10 COMPL	SPIRAL BEVEL GEAR 10	1
74		266012-5	PARAFUSO M5X35	TAPPING SCREW 5X35	4
75		213304-3	ANEL O' RING 20	O RING 20	1
76		416289-4	PLACA DESLIZADORA	SLIDE PLATE	1
77		233180-9	MOLA DE COMPRES 3	COMPRESSION SPRING 3	1
78		322963-3	PINO GUIA 2	GUIDE PIN 2	1
79		256122-6	PINO 4	PIN 4	1
80		417340-3	BOTAO DA TRAVA	LOCK BUTTON	1
81		233188-3	MOLA DE COMPRES 2.4	COMPRESSION SPRING 2.4	1
82		816329-2	ETIQUETA DE INDIC	INDICATION LABEL	1
83		416287-8	ALAVANCA DE MUD	CHANGE LEVER	1
84		322962-5	PINO 4	CRANK PIN 4	1
85		421698-4	ARRUELA DO COLETOR DE PO	DUSTPROOF WASHER 55	1
86		911128-8	PARAFUSO CRM 4X16	PAN HEAD SCREW M4X16	1
94		516841-9	ROTOR COMPL - 110V	ARMATURE ASS'Y 115V	1
	D10			INC. 97,98,103	
94		516843-5	ROTOR COMPL - 220V	ARMATURE ASS'Y 220-240V	1
	D10			INC. 97,98,103	
95		266046-8	PARAFUSO AUTO ATARRAXANTE PT5X50	TAPPING SCREW 5X50	2
96		526111-8	ESTATOR - 110V	FIELD ASS'Y 115V	1
96		526113-4	ESTATOR - 220V	FIELD ASS'Y 220-240V	1
97		681642-5	ARRUELA DE ISOL	INSULATION WASHER	1
98		211088-7	ROLAMENTO DE ESFERA 6000JX2LLHCM/5KQHK	BALL BEARING 6000DDW	1
99		417439-4	GUIA DA VENTONHA	BAFFLE PLATE	1
100		267025-9	ARRUELA LISA 15	FLAT WASHER 15	1
101		211238-4	ROLAMENTO DE ESFERA 6202LLU	BALL BEARING 6202LLU	1
102		213231-4	VEDADOR DE OLEO 15	OIL SEAL 15	1
103		331596-3	BUCHA 12	SLEEVE 12	1
104		416284-4	ALAVANCA DO INTERR	SWITCH LEVER	1
105		651922-3	INTERRUPTOR TG71B	SWITCH TG71B	1
106		416126-2	GUIA	LEAD GUIDE	1
107		417443-3	TAMPA DO PUNHO	HANDLE COVER	1
108		265995-6	PARAFUSO AUTO ATARRAXANTE PT4X18	TAPPING SCREW 4X18	2
109		421583-1	CHAPA DE ESPONJA	SPONGE SHEET	1
110		265995-6	PARAFUSO AUTO ATARRAXANTE PT4X18	TAPPING SCREW 4X18	2
111		687053-2	PRENDEDOR DO FIO	STRAIN RELIEF	1
112		682560-0	PROTETOR DO FIO 10	CORD GUARD 10	1
113		693970-6	CABO ELET 2X1,5X2M - 110V	POWER SUPPLY CORD 1.5-2-2.0	1
113		693930-8	CABO ELET 2X1,5X2M - 220V	POWER SUPPLY CORD 1.5-2-2.0	1
114		266021-4	PARAFUSO AUTO ATARRAXANTE PT5X20	TAPPING SCREW 5X20	4
115		417444-1	PUNHO	HANDLE	1
116		416285-2	PINO ACRILICO 5	ACRYLIC PIN 5	2
117		911233-1	PARAFUSO CRM 5X20	PAN HEAD SCREW M5X20	2
118		631434-2	CONTROLADOR - 110V	CONTROLLER	1

MODEL HR4500C					
Item	Sub	Parts No.	Description Portuguese	Description English	Qty
118		631433-4	CONTROLADOR - 220V	CONTROLLER	1
119		417431-0	FIXADOR DA BIELA	FIX ROD	1
120		240016-5	VENTOINHA 90	FAN 90	1
121		253165-9	ARRUELA LISA 8	FLAT WASHER 8	1
122		931403-6	PORCA SEXT M8	HEX. NUT M8	1
123		417441-7	TAMPA TRAS	REAR COVER	1
124		266021-4	PARAFUSO AUTO ATARRAXANTE PT5X20	TAPPING SCREW 5X20	4
125		265995-6	PARAFUSO AUTO ATARRAXANTE PT4X18	TAPPING SCREW 4X18	2
126		416292-5	TAMPA DA ESC DE CARVAO	BRUSH HOLDER COVER	2
127		263002-9	PINO BORR 4	RUBBER PIN 4	2
128		643650-4	TAMPA DA ESC DE CARVAO 6,5-13,5	BRUSH HOLDER CAP 6.5-13.5	2
129		181048-2	ESCOVA DE CARVAO CB-155	A.C. CARBON BRUSH CB-155	1
130		819064-1	ETIQUETA MAKITA	MAKITA MARK	2
131		852945-6	ETIQUETA DE IDENT HR4500C	NAME PLATE HR4500C	1
132		183332-1	CAIXA DO MOTOR COMPL	MOTOR HOUSING SET	1
	D10			INC. 130	
133		152768-5	BASE DO PUNHO 75 COMPL	SIDE HANDLE BASE 75 COMPLETE	1
134		417002-3	CAME DO PUNHO LAT	SIDE HANDLE CAM	1
135		417002-3	CAME DO PUNHO LAT	SIDE HANDLE CAM	1
136		252640-2	BOTAO DE APERTO 28	WING NUT M8	1
137		417003-1	PUNHO	SIDE HANDLE	1
138		265439-6	PARAFUSO SEXT M8X150	HEX. BOLT M8X150	1
A01		181573-3	GRAXA LUBRIFICANTE (USO EM BROCAS)	GREASE VESSEL 93G	1
A02		824607-6	MALETA PLAST	PLASTIC CARRYING CASE	1
A03		321248-4	CALIBRADOR DE CAVIDADE	DEPTH GAUGE	1
A04		152554-4	PUNHO 36 COMPL	GRIP 36 COMPLETE	1
A05		265701-9	PARAFUSO M6X14	SCREW M6X14	1
A06		266163-4	PARAFUSO M8X80	CUP SQUARE NECK BOLT M8X80	1
A07		344492-6	PLACA	PLATE	1
A08		344949-7	MOLA DO PUNHO 75	GRIP SPRING 75	1
A09		417442-5	BASE DO PUNHO LAT 75	SIDE GRIP BASE 75	1
A10		931302-2	PORCA SEXT M6	HEX. NUT M6	1
B01		134915-0	PUNHO LAT COMPL	SIDE HANDLE ASS'Y	1
	D10			INC. 133-138	
B02		134916-8	PUNHO 36 COMPL	GRIP 36 ASS'Y	1
	D10			INC. A03-A10	