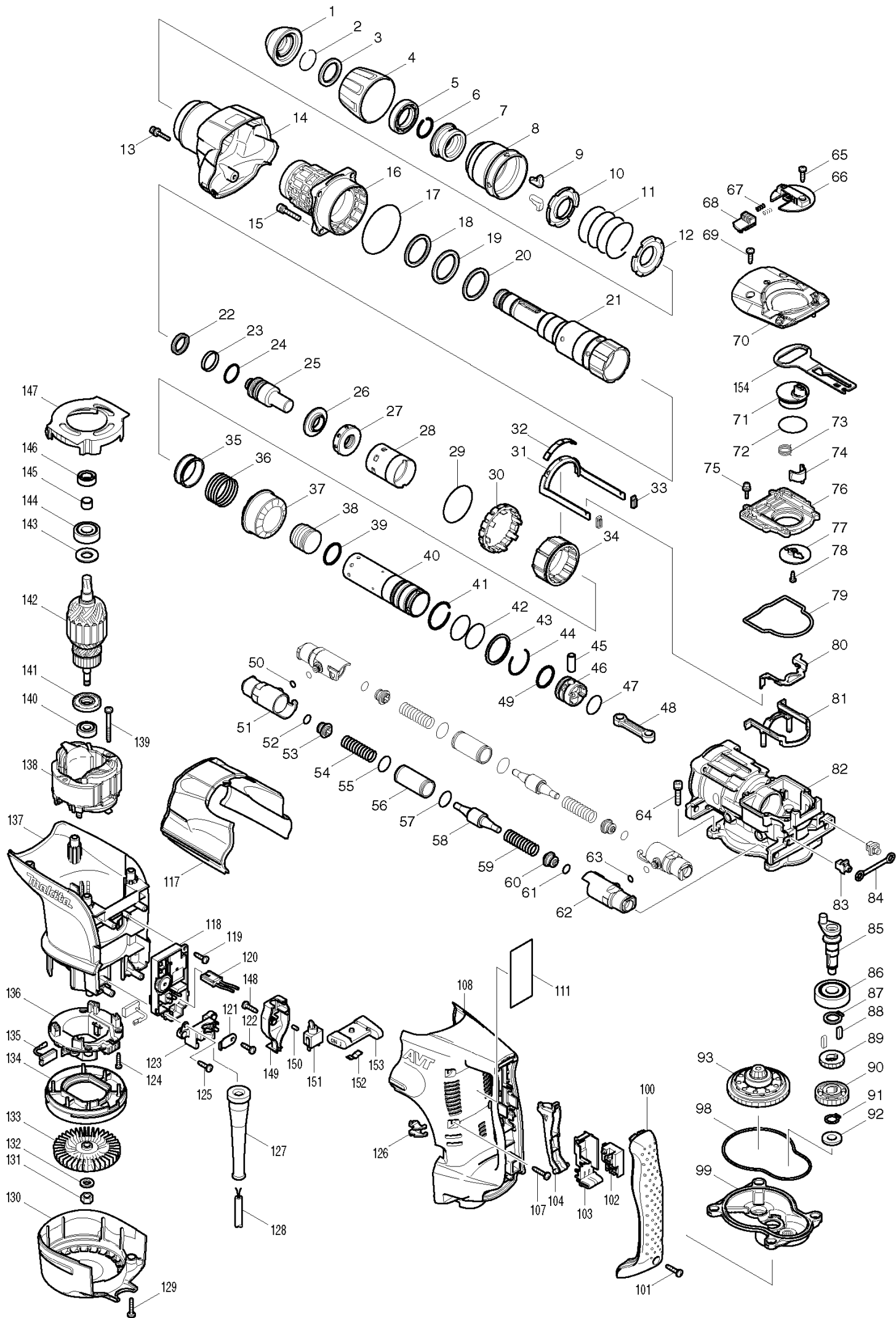




MODEL HR4510C					
Item	Sub	Parts No.	Description Portuguese	Description English	Qty
1		286285-4	TAMPA DO FIX DA FERRAM	TOOL HOLDER CAP	1
2		233948-3	ANEL TRAVA 25	RING SPRING 25	1
3		257280-1	ANEL 28	RING 28	1
4		450064-8	PROTETOR DO MANDRIL	CHUCK COVER	1
5		419002-9	ESPACADOR	SPACER	1
6		233948-3	ANEL TRAVA 25	RING SPRING 25	1
7		324752-2	ANEL DO MANDRIL	CHUCK RING	1
8		450030-5	TAMPA DE LIBERACAO	RELEASE COVER	1
9		310178-4	TRAVA	TOOL RETAINER	2
10		345804-6	GUIA DA MOLA	SPRING GUIDE	1
11		233496-2	MOLA DE COMPRES 49	COMPRESSION SPRING 49	1
12		345804-6	GUIA DA MOLA	SPRING GUIDE	1
13		922148-7	PARAFUSO M4X25	HEX. SOCKET HEAD BOLT M4X25	1
14		158300-3	TAMPA DO CILIN COMPL	BARREL COVER COMPLETE	1
15		922353-6	PARAFUSO ALLEN M6X30	HEX.SOCKET HEAD BOLT M6X30	4
16		158576-2	CILINDRO COMPL	BARREL COMPLETE	1
17		213754-2	ANEL O' RING 71	O RING 71	1
18		267357-4	ARRUELA LISA 36	FLAT WASHER 36	1
19		262135-7	ANEL DE URETANO 36	RUBBER RING 36	1
20		267357-4	ARRUELA LISA 36	FLAT WASHER 36	1
21		324872-2	FIXADOR DA FERRAM	TOOL HOLDER	1
22		213980-3	ANEL X 21	X-RING 21	1
23		213431-6	ANEL DE FLUORETO 28	FLUORIDE RING 28	1
24		213394-6	ANEL O' RING 23	O RING 23	1
25		324802-3	EIXO DE IMPACTO	IMPACT BOLT	1
26		324805-7	ANEL 19	RING 19	1
27		424032-7	ANEL DE BORR 20	RUBBER RING 20	1
28		450024-0	BUCHA DO DESLIZADOR	SLIDE SLEEVE	1
29		213656-2	ANEL O' RING 53	O RING 53	1
30		450031-3	BUCHA TRAVA	LOCK SLEEVE	1
31		165465-4	TRAVA DA BUCHA	LINK ARM	1
32		450032-1	GUIA DA TRAVA DA BUCHA	LINK ARM GUIDE	1
33		424024-6	PLACA DE VEDACAO	SEAL PLATE	2
34		324800-7	BUCHA GUIA	DRIVING SLEEVE	1
35		331599-7	ANEL O RING 38	RING 38	1
36		234024-6	MOLA DE COMPRES 39	COMPRESSION SPRING 39	1
37		227526-9	ENGRENAGEM CONICA 35	STRAIGHT BEVEL GEAR 35	1
38		324804-9	GOLPEADOR	STRIKER	1
39		213981-1	ANEL O RING 27	O-RING 27	1
40		324803-1	CILINDRO 34	CYLINDER 34	1
41		233956-4	ANEL MOLA 37	RING SPRING 37	1
42		213460-9	ANEL O' RING 35	O RING 35	2
43		257283-5	ANEL O' RING 38	RING 38	1
44		233955-6	ANEL MOLA 36	RING SPRING 36	1
45		331598-9	TUBO 10	PIPE 10	1
46		450025-8	PISTAO	PISTON	1
47		213407-3	ANEL O' RING 26	O RING 26	1
48		450026-6	BIELA	CONECTING ROD	1
49		213981-1	ANEL O RING 27	O-RING 27	1
50		213030-4	ANEL O' RING 8	O RING 8	2
51		318169-9	FIXADOR DO TUBO	PIPE HOLDER	2
52		213118-0	ANEL O' RING 12	O RING 12	2
53		450027-4	GUIA DA MOLA	SPRING GUIDE	2
54		234023-8	MOLA DE COMPRES 14	COMPRESSION SPRING 14	2
55		213373-4	ANEL O' RING 22	O RING 22	2
56		331778-7	TUBO 20	PIPE 20	2

MODEL HR4510C					
Item	Sub	Parts No.	Description Portuguese	Description English	Qty
57		213373-4	ANEL O' RING 22	O RING 22	2
58		324806-5	CONTRA PESO	COUNTER WEIGHT	2
59		234023-8	MOLA DE COMPRES 14	COMPRESSION SPRING 14	2
60		450027-4	GUIA DA MOLA	SPRING GUIDE	2
61		213118-0	ANEL O' RING 12	O RING 12	2
62		318169-9	FIXADOR DO TUBO	PIPE HOLDER	2
63		213030-4	ANEL O' RING 8	O RING 8	2
64		922353-6	PARAFUSO ALLEN M6X30	HEX.SOCKET HEAD BOLT M6X30	4
65		266192-7	PARAFUSO AUTO ATARRAXANTE PT4X14	TAPPING SCREW 4X14	1
66		419020-7	ALAVANCA DE VARIACAO	CHANGE LEVER	1
67		233436-0	MOLA DE COMPRES 3	COMPRESSION SPRING 3	2
68		419009-5	BOTAO TRAVA	LOCK BUTTON	1
69		266192-7	PARAFUSO AUTO ATARRAXANTE PT4X14	TAPPING SCREW 4X14	2
70		318171-2	TAMPA DA CX DA MANIVELA	CRANK CAP COVER	1
71		450687-2	ALAVANCA DA MANIV	CRANK LEVER	1
72		213534-6	ANEL O' RING 36	O RING 36	1
73		233506-5	MOLA DE TORCAO 15	TORSION SPRING 16	1
74		310207-3	MOLA DE TORCAO	LINK LEVER	1
75		911133-5	PARAFUSO CRM 4X18	PAN HEAD SCREW M4X18	6
76		450034-7	TAMPA DA MANIVELA	CRANK CAP	1
77		345778-1	PLACA DO RETENTOR	RETAINER PLATE	1
78		265014-8	PARAFUSO CRM4X12	+ PAN HEAD SCREW M4X12	1
79		424034-3	ANEL DE VEDACAO	SEAL RING	1
80		345822-4	PLACA MOVEL	LINK PLATE	1
81		450029-0	GUIA DA PLACA MOVEL	LINK PLATE GUIDE	1
82		158297-6	CAIXA DA MANIVELA COMPL	CRANK HOUSING COMPLETE	1
83		419008-7	GUIA FIXO	FIX GUIDE	2
84		423345-3	PLACA AMORT	CUSHION PLATE	1
85		324801-5	EIXO DA MANIVELA	CRANK SHAFT	1
86		211279-0	ROLAMENTO DE ESFERA 6303LLU	BALL BEARING 6303LLU	1
87		961057-5	ANEL TRAVA MKE-17	RETAINING RING S-17	1
88		254220-0	CHAVETA 5	KEY 5	2
89		227181-7	ENGRENAGEM 19	SPUR GEAR 19	1
90		226655-5	ENGRENAGEM HELICOIDAL 36	HELICAL GEAR 36	1
91		961054-1	ANEL TRAVA MKE-14	RETAINING RING S-14	1
92		253180-3	ARRUELA LISA 10	FLAT WASHER 10	1
93		125415-1	CONJUNTO DO LIMITADOR DE TORQUE	TORQUE LIMITER ASS'Y	1
98		424033-5	ANEL DE VEDACAO	SEAL RING	1
99		158299-2	CAIXA DA ENGR	GEAR HOUSING COMPLETE	1
100		419796-6	TAMPA DO PUNHO	HANDLE COVER	1
101		265995-6	PARAFUSO AUTO ATARRAXANTE PT4X18	TAPPING SCREW 4X18	1
102		650567-4	INTERRUPTOR TG73B-1	SWITCH TG73B-1	1
103		154626-1	FIXADOR DO INTER COMPL	SWITCH HOLDER COMPLETE	1
104		419028-1	ALAVANCA DO INTERR	SWITCH LEVER	1
107		266041-8	PARAFUSO PT5X25	TAPPING SCREW 5X25	6
108		450040-2	PUNHO	HANDLE	1
111		864092-1	ETIQUETA DE IDENT HR4510C	HR4510C NAME PLATE	1
117		450036-3	TAMPA DA CX DA MANIVELA	CRANK HOUSING COVER	1
118		631750-2	CONTROLADOR 110V	CONTROLLER	1
118		631751-0	CONTROLADOR 220V	CONTROLLER	1
119		266192-7	PARAFUSO AUTO ATARRAXANTE PT4X14	TAPPING SCREW 4X14	1
120		638510-3	CONECTOR SIMPLES	LEAD UNIT	1
121		687169-3	PRENDEDOR DO FIO	STRAIN RELIEF	1
122		266192-7	PARAFUSO AUTO ATARRAXANTE PT4X14	TAPPING SCREW 4X14	1
123		419024-9	BASE DA BRACADEIRA DO FIO	CORD CLAMP BASE	1
124		265995-6	PARAFUSO AUTO ATARRAXANTE PT4X18	TAPPING SCREW 4X18	4

MODEL HR4510C

Item	Sub	Parts_No.	Description Portuguese	Description English	Qty
125		266192-7	PARAFUSO AUTO ATARRAXANTE PT4X14	TAPPING SCREW 4X14	1
126		419774-6	LENTE	LENS	1
127		682560-0	PROTETOR DO FIO 10	CORD GUARD 10	1
128		693970-6	CABO ELET 2X1,5X2M - 110V	POWER SUPPLY CORD 1.5-2-2.0	1
128		693930-8	CABO ELET 2X1,5X2M - 220V	POWER SUPPLY CORD 1.5-2-2.0	1
129		266041-8	PARAFUSO PT5X25	TAPPING SCREW 5X25	2
130		450035-5	TAMPA TRAS	REAR COVER	1
131		252178-7	PORCA SEXT M8X12	HEX. NUT M8-12	1
132		253165-9	ARRUELA LISA 8	FLAT WASHER 8	1
133		240016-5	VENTOINHA 90	FAN 90	1
134		419782-7	GUIA DA VENTOINHA	FAN GUIDE	1
135		194412-8	ESCOVA DE CARVAO CB-171	CARBON BRUSH CB-171	1
136		638447-4	GUIA DA ESC DE CARVAO	BRUSH HOLDER UNIT	1
137		450041-0	CAIXA DO MOTOR COMPL	MOTOR HOUSING	1
138		636311-3	ESTATOR - 110V	FIELD 115V	1
138		636313-9	ESTATOR - 220V	FIELD 220-240V	1
139		266046-8	PARAFUSO AUTO ATARRAXANTE PT5X50	TAPPING SCREW 5X50	2
140		210059-1	ROLAMENTO DE ESFERA 6000DDW	BALL BEARING 6000DDW	1
141		681642-5	ARRUELA DE ISOL	INSULATION WASHER	1
142		517766-0	ROTOR COMPL - 127V	ARMATURE ASS'Y 115V	1
	D10			INC. 140,141,145	
142		517768-6	ROTOR COMPL - 220V	ARMATURE ASS'Y 220-240V	1
	D10			INC. 140,141,145	
143		267025-9	ARRUELA LISA 15	FLAT WASHER 15	1
144		211238-4	ROLAMENTO DE ESFERA 6202LLU	BALL BEARING 6202LLU	1
145		331596-3	BUCHA 12	SLEEVE 12	1
146		213231-4	VEDADOR DE OLEO 15	OIL SEAL 15	1
147		450033-9	GUIA DA VENTOINHA	BAFFLE PLATE	1
148		266192-7	PARAFUSO AUTO ATARRAXANTE PT4X14	TAPPING SCREW 4X14	1
149		419786-9	CAIXA DO INTERR	SWITCH BOX	1
150		263027-3	PINO DE BORR 4	RUBBER PIN 4	1
151		651418-4	INTERRUPTOR ST115A-40	SWITCH ST115A-40	1
152		232209-8	MOLA LAM	LEAF SPRING	1
153		154635-0	ALAVANCA DE CURSO COMPL	SLIDE LEVER COMPLETE	1
154		450042-8	PLACA DE CONTROLE	CONTROL PLATE	1
155		331840-8	BUCHA C/REBAIXO 19	SHOULDER SLEEVE 19	1
A01		158131-0	PUNHO COMPL 36	GRIP 36 COMPLETE	1
A02		158275-6	MALETA PLAST	PLASTIC CARRYING CASE COMPLE	1
A03		181573-3	GRAXA LUBRIFICANTE (USO EM BROCAS)	GREASE VESSEL 93G	1
A04		134890-0	CONJUNTO DO PUNHO LAT COMPL	SIDE HANDLE 68 ASS'Y	1
A05		443122-7	TELA	CLOTH	1
A06		265701-9	PARAFUSO M6X14	SCREW M6X14	1
A07		266163-4	PARAFUSO M8X80	CUP SQUARE NECK BOLT M8X80	1
A08		321248-4	CALIBRADOR DE CAVIDADE	DEPTH GAUGE	1
A09		344491-8	MOLA DO PUNHO 68	GRIP SPRING 68	1
A10		344492-6	PLACA	PLATE	1
A11		416299-1	BASE DO PUNHO LAT 68	SIDE GRIP BASE 68	1
A12		931302-2	PORCA SEXT M6	HEX. NUT M6	1