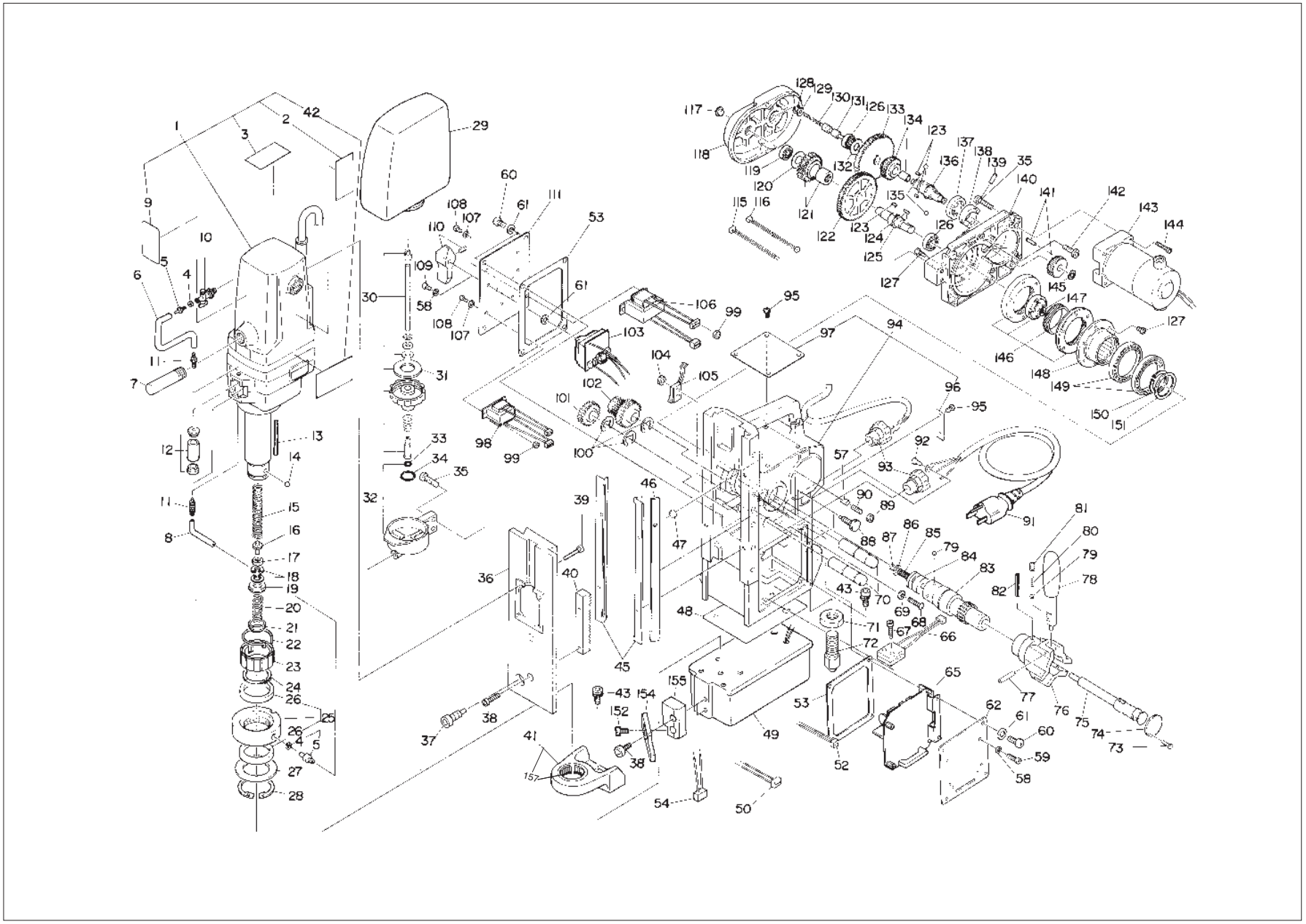
ATRA ACE QA-4000 (110-120V) ASSEMBLY AND PARTS LIST



The parts numbers with ( ) are included in the Ass'y parts written above them.

No.	Part No.	Part Name	Q'ty	Price
1	TB04072	Drill Motor Ass'y (115V)	1 set	
	(TB00598)	Carbon Brush (2 pcs/set)	1 set	
2	(TQ05063)	Caution Label	1	
3	(TQ05066)	Cutter Caution Label	1	
9	(TQ05064)	Cutter Mounting Label	1	
42	(TQ05063)	Caution Label	1	
4	CP21947	Seal Packing	2	
5	TP14500	Hose Nipple	2	
6	TP15821	Tube 4 X 7 X 240	1 set	
7	TB02534	Side Handle Ass'y	1 set	
8	TP15820	Tube 4 X 7 X 120	1 set	
10	TP14495	Petcock Valve 1/8(PT)	1	
11	TQ00672	Dropper Nipple	2	
12	TB00503	Oil Dropper Ass'y	1 set	
13	TP03261	Spring Pin 4 X 26 AW	1	
14	TB01672	Ball 5/16 Ass'y	1 set	
15	TP15998	Spring 1.6 X 16.2 X 120	1	
16	TQ01895	Pilot Spacer	1	
17	TP15848	Spacer 10.5 X 19 X 5	1	
18	TP13905	Retaining Ring RTW-19	2	
19	TB01348	Washer Ass'y	1 set	
20	TQ01898	Spring 0.8 X 12 X 31	1	
21	TB01349	Push Ring Ass'y	1 set	
22	TQ01896	Twist Spring	1	
23	TQ01897	Sleeve	1	
24	TP15239	Retaining Ring C-28	1	
25	TB00713	Oil Ring Ass'y	1 set	
26	(TP14499)	Oil Seal GD38 X 48 X 4	2	
27	TP12773	Washer 38.5 X 54 X 1	1	
28	TP14969	Retaining Ring ISTW-38	1	
29	TQ04779	Oil Tank	1	
30	TB03785	Cap Ass'y	1 set	
31	(TQ00701)	Packing Cap	1	
32	TB01380	Oil Tank Bracket Sub Ass'y	1 set	
33	(TP11994)	O-Ring P-4	1	
34	(CP20180)	O-Ring P-18	1	
35	TP03086	Hex. Bolt 6 X 20	6	
36	TQ01899	Slide Board	1	
37	TP14717	Hex. Socket Bolt 10 X 20	1	
38	TP14178	Hex. Bolt 6 X 10	2	
39	TP08013	Hex. Bolt 5 X 25	4	
40	TP15111	Rack	1	
41	TB02694	Bracket Ass'y	1 set	
157	(TQ03444)	Needle Bearing B-2410	1	
43	TQ03344	Hex. Socket Bolt 8 X 20	6	
45	TP12777	Slide Plate	2	
46	TQ01905	Jib	1	
47	TQ00394	Seal Bushing	1	
48	TQ01928	Packing for Pole	1	
49	TB02687	Square Pole Ass'y (115V)	1 set	
50	TB00578	H Cord Ass'y	1 set	
52	TB00577	F Cord Ass'y	1 set	
53	TQ01933	Packing for Body	2	
57	TQ04783	Supporter	5	
58	TQ00258	Seal Washer M4	6	
59	TQ01526	Pan Head Screw 4 X 10	4	

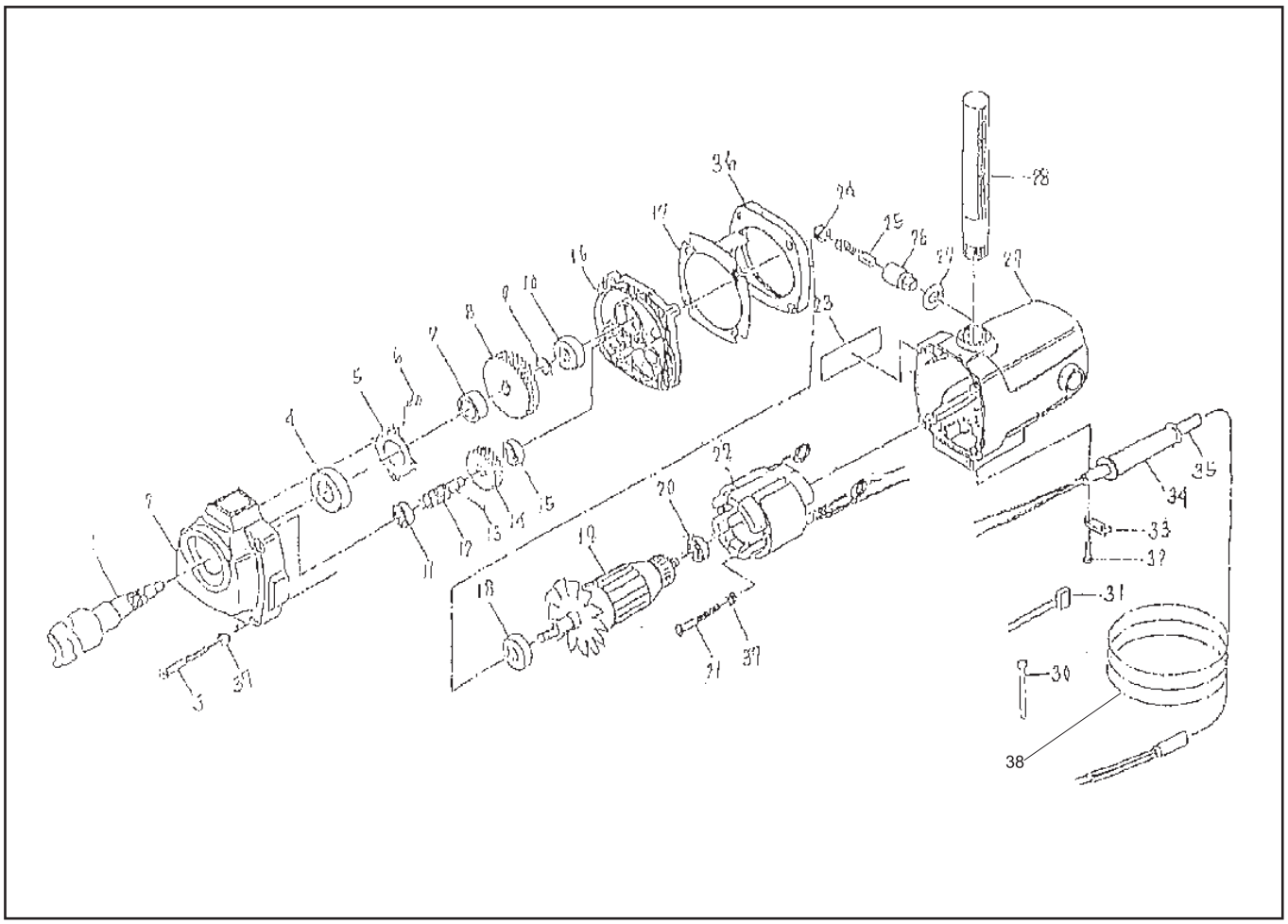
No.	Part No.	Part Name	Q'ty	Price
60	TP02419	+ Screw 6 X 10	8	
61	TQ01331	Seal Washer M6	9	
62	TQ06040	Circuit Board	1	
65	TB05290	Control Board Ass'y	1 set	
66	TB01363	Slide Detection Device	1 set	
67	TP14471	Hex. Socket Bolt 4 X 20	2	
68	FS00315	+ Pan Head Screw 2 X 20	2	
69	TQ00729	Spring Washer M2	2	
70	TQ00707	Shaft	2	
71	TP03914	Hex. Nut Type 3 M16	1	
72	TQ01954	Stabilizer Shaft	1	
73	TP08598	+ Screw 3 X 5	3	
74	TQ00844	Mounting Plate	1	
75	TQ01903	Inner Shaft	1	
76	TQ01901	Handle Boss	1	
77	TP12821	Spring Pin 5 X 26	3	
78	TQ00680	Rod Handle	3	
79	CP01123	Ball 3/16	7	
80	TP06396	Spring	3	
81	TP06397	Hex. Screw 6 X 8	3	
82	TP13891	Spring Pin 5 X 38	1	
83	TQ01902	Clutch Shaft	1	
84	TQ01904	Clutch Ring	1	
85	TQ00682	Spring 1.2 X 8 X 17	1	
86	TP00092	Plain Washer M6	1	
87	TQ00683	Grip Ring GS-6.0	1	
88	TP02931	Set Screw	1	
89	TP07419	Hex. Nut Type 3 M6	5	
90	TQ04781	Hex. Socket Set Screw 6 X 14	5	
91	TA9A757	Cabtyre Cable Ass'y	1 set	
92	LP08489	+ Screw 4 X 6	1	
93	TP13889	Connector SC4-3	2	
94	TB04377	Body Sub Ass'y A	1 set	
95	(TP05136)	Rivet No.2 X 4.8	6	
96	(TP04769)	Plate Serial Number	1	
97	(TQ05610)	Plate Warning	1	
98	TB03912	Transformer Sensor Ass'y	1 set	
99	TP00067	Hex. Nut M3	3	
100	TP04126	Snap Ring E-12	3	
101	TQ00708	Spur Gear 24 M1.5	1	
102	TQ00706	Spur Gear 16 X 24	1	
103	TB03702	Switch Ass'y	1 set	
104	TP02627	Hex. Nut M2	2	
105	TQ00703	Limit Switch DC3A-D3RB	1	
106	TB03911	Trans. Power Supply Ass'y (115V)	1 set	
107	TQ01330	Seal Washer M3	3	
108	TP00056	+ Screw 3 X 6	3	
109	TP12819	+ Pan Head Screw 4 X 6	2	
110	TB01381	Switch Knob Ass'y	1 set	
111	TQ05061	Switch Plate	1	
115	TB00573	D Cord Ass'y	1 set	
116	TB03809	Cord Ass'y M-M	1 set	
117	TQ01962	Collar Cap K-100 16CSBL	1	
118	TQ04982	Gear Box Cover	1	
119	TQ01924	Ball Bearing 688ZZ	1	
120	TQ01926	Washer 10.2 X 20 X 0.6	1	

No.	Part No.	Part Name	Q'ty	Price
121	TB01360	Spur Gear 30 M1 Ass'y	1 set	
122	TQ02435	Spur Gear 70M1B	1	
123	TQ01913	Sunk Key 4 X 4 X 7 Round-end	2	
124	TP10130	Sunk Key 3 X 3 X 10	1	
125	TQ01923	Gear Shaft B	1	
126	TQ01916	Ball Bearing 6801ZZ	2	
127	TP04715	Hex. Bolt 4 X 8	12	
128	TQ01920	Retaining Ring RTW-9	1	
129	TQ01912	Spring Stopper	1	
130	TQ01911	Spring 0.6 X 3 X 35	1	
131	TQ01919	Spool	1	
132	TQ01963	Washer 14.5 X 25 X 0.6	1	
133	TQ02434	Spur Gear 70M1A	1	
134	TB01358	Clutch Gear Sub Ass'y	1 set	
135	TP15428	Ball 5mm Dia.	2	
136	TQ01915	Gear Shaft A	1	
137	TQ01917	Ball Bearing 6803ZZ	1	
138	TQ01918	Shift Ring	1	
139	TQ01960	Roll Pin 4 X 22	1	
140	TQ01909	Gear Box	1	
141	TB01356	Plain Gear 41 Ass'y	1 set	
142	TP04197	Hex. Bolt 6 X 30	2	
143	TB02681	Feed Motor Ass'y (115V)	1 set	
	(TB00599)	Carbon Brush Ass'y (2 pcs/set)	1 set	
144	TP18619	Hex. Socket Head Cap Screw 4 X 30	4	
145	TQ01961	Grip Ring GS-8	1	
146	TB00510	Harmonic Ass'y	1 set	
147	TP12328	Retaining Ring STW-9	1	
148	TQ01952	Clutch	1	
149	TQ00725	Ball Bearing 6809 ZZ	2	
150	TP17384	Retaining Ring C-32	1	
151	TP14412	Retainer Holder	1	
152	TP01945	Hex. Bolt 5 X 12	1	
154	TQ04949	Blade	1	
155	TQ04950	Blade Base	1	

ACCESSORIES

No.	Part No.	Part Name	Q'ty	Price
	TP04696	Hex. Wrench Key 3	1	
	TP01939	Hex. Wrench Key 4	1	
	TP17014	Spanner 8 X 10	1	
	UEA0835	Pilot Pin 5/16" X 1-3/8" DOC	1	
	TA99027	Safety Chain Ass'y	1 set	
	TB02145	Cutting Oil 0.5L	1	
	TQ05611	Instruction Manual	1	
	TP10198	Tool Box 285 X 125 X 62	1	
	TQ03060	Label Combination	1	

QA-3500/QA-4000 MOTOR ASSEMBLY AND PARTS LIST



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No.	Part No.	Part Name	Q'ty	Price
1	TQ01959	Spindle Arbor	1	
2	TQ01137	Gear Case	1	
3	TP17449	+ Screw 5 X 60	4	
4	TP04160	Ball Bearing 6203 ZZ	1	
5	TP00858	Bearing Stopper	1	
6	TP11492	+ Screw 5 X 10	4	
7	TQ00860	Collar	1	
8	TQ00861	Spiral Gear (B)	1	
9	TP18356	Retaining Ring C-14	1	
10	TP17438	Ball Bearing 6200Z	1	
11	TP00468	Ball Bearing 608Z	1	
12	TQ00862	Pinion	1	
13	TP06393	Sunk Key 3 X 3 X 5	1	
14	TQ00863	Spiral Gear (A)	1	
15	TQ00468	Ball Bearing 608ZZ	1	
16	TQ00864	Bearing Bracket	1	
17	TQ00865	Wind Shield Plate	1	
18	TP17438	Ball Bearing 6200Z	1	
19	TB00820	Armature Ass'y (115V)	1 set	

No.	Part No.	Part Name	Q'ty	Price
20	TP00468	Ball Bearing 608Z	1	
21	TP17449	+ Screw 5 X 60	4	
22	TB00822	Field Ass'y (115V)	1 set	
23	TQ04417	Name Plate (115V)	1	
24	TQ00867	Brush Cap	2	
25	TB00598	Carbon Brush (2 pcs/set)	1 set	
26	TQ00868	Brush Holder	2	
27	TB00869	Insulation Washer	1	
28	TB02534	Side Handle Ass'y	1 set	
29	TQ00870	Motor Housing	1	
30	LP13171	Cable Band	1	
31	TP16481	Condenser SM-37R8291	1	
32	LP30251	+ Screw 4 X 16	2	
33	TP13362	Cord Clamp	1	
34	TP13363	Cord Armor	1	
35	TQ01440	Cord for Electric Motor	1	
36	TQ00866	Spacer	1	
37	TP00513	Spring Washer M5	6	
38	TQ01440	Cord for Electric Motor	1	