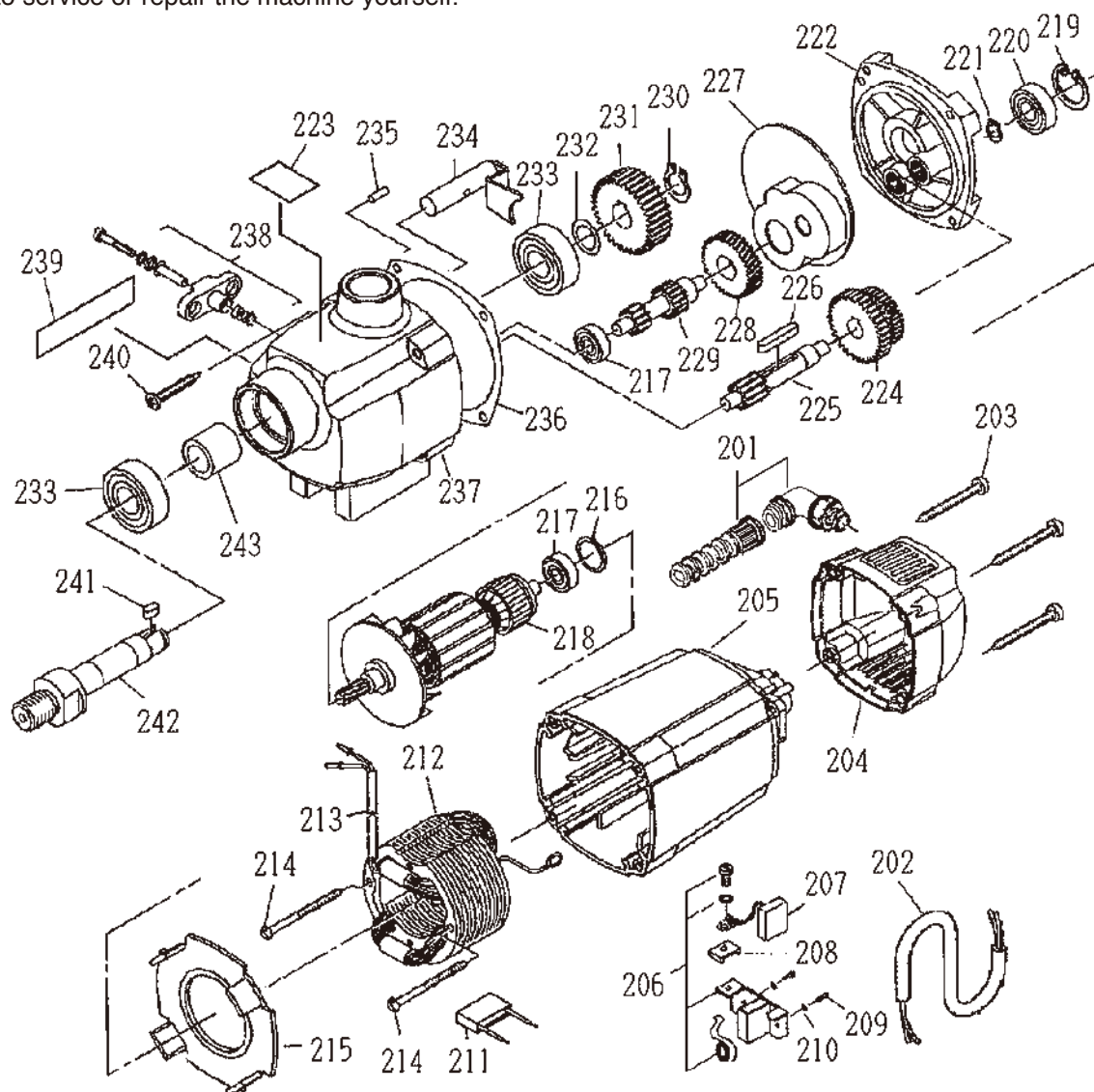


ATRA ACE WA-5000 MOTOR ASSEMBLY AND PARTS LIST

⚠ WARNING Exploded diagram/parts list are subject to change at any time without notice. (As of Feb. 2014)

This diagram is for reference only. Do not attempt to service or repair the Nitto Portable Magnetic Drilling Machine. Do not take the machine apart. Contact an authorized Nitto dealer for all service and repair of the machine. Improper service and repair can cause accidents and severe injuries. Never attempt to modify the machine. Never attempt to service or repair the machine yourself.



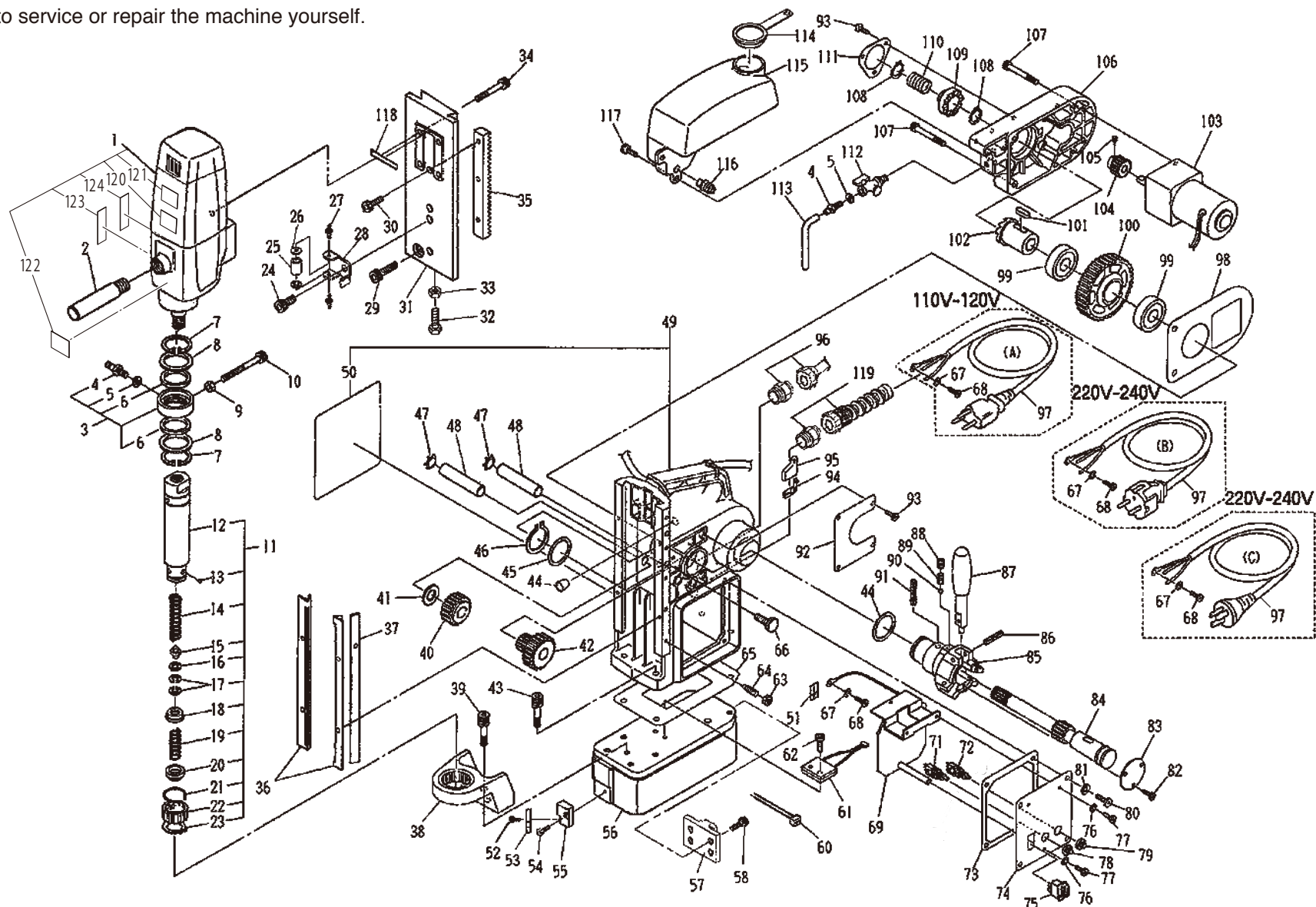
No.	Part No.	Part Name	Q'ty	Price
201	TQ06824	Cord Protector	1	
202	TQ06843	Connecting Cable	1	
203	TQ06819	Self Tapping Screw HC4.8 × 38	4	
204	TQ11172	Cap	1	
205	TQ06850	Motor Housing	1	
206	TB05193	Brush Holder Ass'y	1set	
207	TB05187	Carbon Brush Ass'y	1set	
208	TQ06838	Contact Washer	1	
209	TQ06828	Screw ZM4 × 12	2	
210	TQ06820	Spring Washer B4	2	
211	TQ06851	Condenser	1	
212	TB07200	Stator Ass'y (115V)	1set	
213	TB07201	Stator Ass'y (230V)	1set	
214	TQ06852	Insulating Tubing	1	
215	TQ06849	Self Tapping Screw HC3.9 × 60	2	
216	TQ06848	Air Guiding Ring	1	
217	TQ06839	O-Ring 22 × 2.5	1	
218	TP00468	Ball Bearing 608ZZ	2	
219	TB07202	Armature Ass'y (115V)	1set	
220	TB07203	Armature Ass'y (230V)	1set	
221	TP01036	Internal Retaining Ring C28	1	
222	TP00498	Ball Bearing 6001ZZ	1	

No.	Part No.	Part Name	Q'ty	Price
221	TP06390	External Retaining Ring C11	1	
222	TB05479	Bearing Bracket Ass'y	1set	
223	TQ10648	Label Caution Change	1	
224	TQ07076	Gear Block 34/40Z	1	
225	TQ07075	Pinion Shaft 13Z	1	
226	TQ07077	Key A5 × 5 × 28	1	
227	TQ06825	Grease Chamber	1	
228	TQ07069	Intermediate Gear 34Z	1	
229	TQ07070	Pinion Shaft 11/17Z	1	
230	CP04989	External Retaining Ring C15	1	
231	TQ07073	Spindle Gear 45Z	1	
232	TQ07074	Fitting Washer 15 × 22 × 0.2	1	
233	TQ06830	Ball Bearing 6203LLU	2	
234	TB05399	Coupling Bolt Ass'y	1set	
235	TQ06842	Notched Pin 4 × 12	1	
236	TQ06844	Gear Case Seal	1	
237	TB05478	Gear Case Ass'y	1set	
238	TB05398	Gear Changer Ass'y	1set	
239	TQ10647	Label Change Knob	1	
240	TQ12925	PT - Screw 5.0 × 50	4	
241	TQ07072	Key A5 × 5 × 12	1	
242	TQ07071	Spindle	1	
243	TQ11028	Collar	1	

ATRA ACE WA-5000 ASSEMBLY

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ATRA ACE WA-5000 PARTS LIST

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

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No.	Part No.	Part Name	Q'ty	Price
1	TB07169	Drill Motor Ass'y (110V-120V)	1set	
	TB07184	Drill Motor Ass'y (220V-240V)	1set	
-	(TB05187)	Carbon Brush Ass'y	1set	
120	(TQ11565)	Label Arbor Warning	1	
121	(TQ13281)	Label Shock Warning	1	
122	(TQ10648)	Label Change Caution	1	
123	(TQ13284)	Label Adaptation Cutter Size	1	
124	(TQ10647)	Label Change Operation	1	
2	TB02534	Side Handle Ass'y	1set	
3	TB00496	Oil Ring Sub Ass'y	1set	
4	(TP14500)	Hose Nipple	2	
5	(CP21947)	Packing 5-4.7 × 8 × 0.8	2	
6	(TP14499)	Oil Seal GD 38 × 48 × 4	2	
7	TP14969	External Retaining Ring ISTW-38	2	
8	TP12773	Washer 38.5 × 54 × 1	2	
9	LP10496	Hex. Nut M6	1	
10	TP05469	Hex. Socket Head Cap Screw 6 × 45	1	
11	TB07172	Arbor Body Ass'y	1set	
12	(TQ10650)	Arbor Body	1	
13	(TB01672)	Ball 5/16 Ass'y	1set	
14	(TQ10649)	Spring 1.4 × 16.2 × 135	1	
15	(TQ01895)	Pilot Spacer	1	
16	(TP15848)	Spacer 10.5 × 19 × 5	1	
17	(TP13905)	Internal Retaining Ring RTW-19	2	
18	(TB01348)	Washer Ass'y	1set	
19	(TQ01898)	Spring 0.8 × 12 × 31	1	
20	(TB01349)	Push Ring Ass'y	1set	
21	(TQ01896)	Rotating Spring	1	
22	(TQ01897)	Sleeve	1	
23	(TP15239)	External Retaining Ring C-28	1	
24	TP03247	Hex. Socket Head Cap Screw 10 × 15	1	
25	TQ00670	Dropper Pipe	1	
26	TQ00671	Dropper Packing	2	
27	TQ00672	Dropper Nipple	2	
28	TQ10785	Dropper Plate	1	
29	TP14174	Hex. Socket Head Cap Screw 10 × 25	1	
30	TP01945	Hex. Socket Head Cap Screw 5 × 12	3	
31	TQ10646	Slide Board	1	
32	TQ10849	Hex. Bolt 8 × 20	1	
33	TP08584	Hex. Nut M8	1	
34	TP04532	Hex. Socket Head Cap Screw 5 × 30	4	
35	TP12776	Rack	1	
36	TP12777	Slide Plate	2	
37	TQ06773	Gib	1	
38	TB05407	Bracket Ass'y	1set	
39	TQ03346	Hex. Socket Head Cap Screw 8 × 30 with Spring Washer	3	
40	TQ06775	Spur Gear 1.5 × 26	1	
41	TQ06779	Washer 12.2 × 28 × 1	1	
42	TQ06774	Spur Gear 1.5 × 14 × 29	1	
43	TQ03345	Hex. Socket Head Cap Screw 8 × 25 with Spring Washer	4	
44	TQ10791	Rubber Stopper	1	
45	TQ06780	Washer 32.2 × 42 × 2	2	
46	TQ06781	External Retaining Ring ISTW-32	1	
47	TQ04715	Internal Retaining Ring CRTW-12	2	
48	TQ06776	Shaft	2	

No.	Part No.	Part Name	Q'ty	Price
49	TB08778	Body Sub Ass'y	1set	
50	(TB12858)	Label Warning	1	
51	(LP13557)	Label Earth	1	
52	TP01945	Hex. Socket Head Cap Screw 5 × 12	1	
53	TQ10787	Blade	1	
54	TP14178	Hex. Socket Head Cap Screw 6 × 10	1	
55	TQ10695	Blade Base	1	
56	TB07174	Sqare Pole Ass'y (110V-120V)	1set	
	TB07185	Sqare Pole Ass'y (220V-240V)	1set	
57	TP17985	Chain Guide	1	
58	TP01644	Hex. Socket Head Cap Screw 6 × 12	4	
60	TB00573	D Cord Ass'y	1set	
61	TB01363	Side Slip Detection Function Ass'y	1set	
62	TQ10600	Hex. Socket Head Cap Screw 4 × 18	2	
63	TP07419	Hex. Nut Type3 M6	5	
64	TQ00730	Hex. Socket Set Screw with Dog Point 6 × 20	5	
65	TQ06794	Packing Pole	1	
66	TP02931	Set Screw	1	
67	TP04464	Toothed Lock Washer B M4	2	
68	LP08489	Binding Head Screw 4 × 6	2	
69	TB09056	Control Board Ass'y (110V-120V)	1set	
	TB09057	Control Board Ass'y (220V-240V)	1set	
71	TB07055	Switch SW3 Ass'y	1set	
72	TB07054	Switch SW2 Ass'y	1set	
73	TQ06787	Packing Body	1	
74	TQ10654	Switch Plate	1	
75	TQ07306	Rocker Switch	1	
76	TQ00258	Seal Washer M4	3	
77	TQ01526	Pan Head Screw 4 × 10	3	
78	TQ10085	Waterproofing Cap Black	1	
79	TQ10467	Waterproofing Cap Red	1	
80	TP02419	Pan Head Screw 6 × 10	4	
81	TQ01331	Seal Washer M6	4	
82	TP08598	Pan Head Screw 3 × 5	3	
83	TQ06762	Plate Automatic Feeder	1	
84	TQ06760	Gear Shaft	1	
85	TQ06761	Handle Stem	1	
86	TP12821	Spring Pin 5 × 26 AW Double	3	
87	TQ00680	Rod Handle	3	
88	TP06397	Hex. Socket Set Screw with Cup Point 6 × 8	3	
89	TP06396	Spring	3	
90	CP01123	Ball 3/16	3	
91	TQ06759	Spring Pin 8 × 40 AW	1	
92	TQ12884	Plate Spec. (110V-120V)	1	
	TQ12849	Plate Spec. (220V-240V)	1	
93	TP12819	Pan Head Screw 4 × 6	7	
94	TQ07308	Terminal #250 42232-3	2	
95	TQ07309	Sleeve 170891-1	2	
96	TQ07097	Cable Connector 3217	1	
	TB05877	Cabtyre Cord Ass'y (A) (110V-120V)	1set	
97	TB05896	Cabtyre Cord Ass'y (B) (220V-240V)	1set	
	TB04482	Cabtyre Cord Ass'y (C) (220V-240V)	1set	
98	TQ06782	Packing Gear Box	1	
99	TQ06766	Ball Bearing 6906ZZ	2	
100	TQ06764	Spur Gear 1 × 88	1	

No.	Part No.	Part Name	Q'ty	Price
101	TQ06765	Parallel Key 8 × 7 × 20 Both ends round	1	
102	TQ06763	Clutch B	1	
103	TQ06767	Geared Motor	1	
104	TQ06768	Spur Gear 1 × 23	1	
105	CP26427	Hex. Socket Set Screw with Cup Point 5 × 6	1	
106	TQ06769	Gear Box	1	
107	TQ06770	Hex. Socket Head Cap Screw 4 × 35	8	
108	TP06387	External Retaining Ring GV-16	2	
109	TP12325	Clutch A	1	
110	TP06374	Spring	1	
111	TQ06777	Cover Plate	1	
112	TP14495	P-Valve PT1/8	1	
113	TB01098	Tube 4 × 7 × 3000 Ass'y (150mm × 2)	1set	
114	TQ06785	Rubber Cap	1	
115	TQ06784	Oil Tank	1	
116	TQ06786	Rubber Plug	1	
117	TP04715	Hex. Socket Head Cap Screw 4 × 8	3	
118	TQ11027	Shim 0.2	1	
119	TQ11075	Cable Connector 3247	1	

Accessories

No.	Part No.	Part Name	Q'ty	Price
-	TP04696	Hex. Socket Screw Key 3	1	
-	TP01939	Hex. Socket Screw Key 4	1	
-	TP17014	Spanner 8 × 10	1	
-	TJ16019	Pilot Pin 08050	1	
-	TA99027	Chain Ass'y	1set	
-	TB02145	Cutting Oil 0.5L Ass'y	1set	
-	TB05418	Guard Ass'y	1set	
-	TQ12850	Instruction Manual	1	