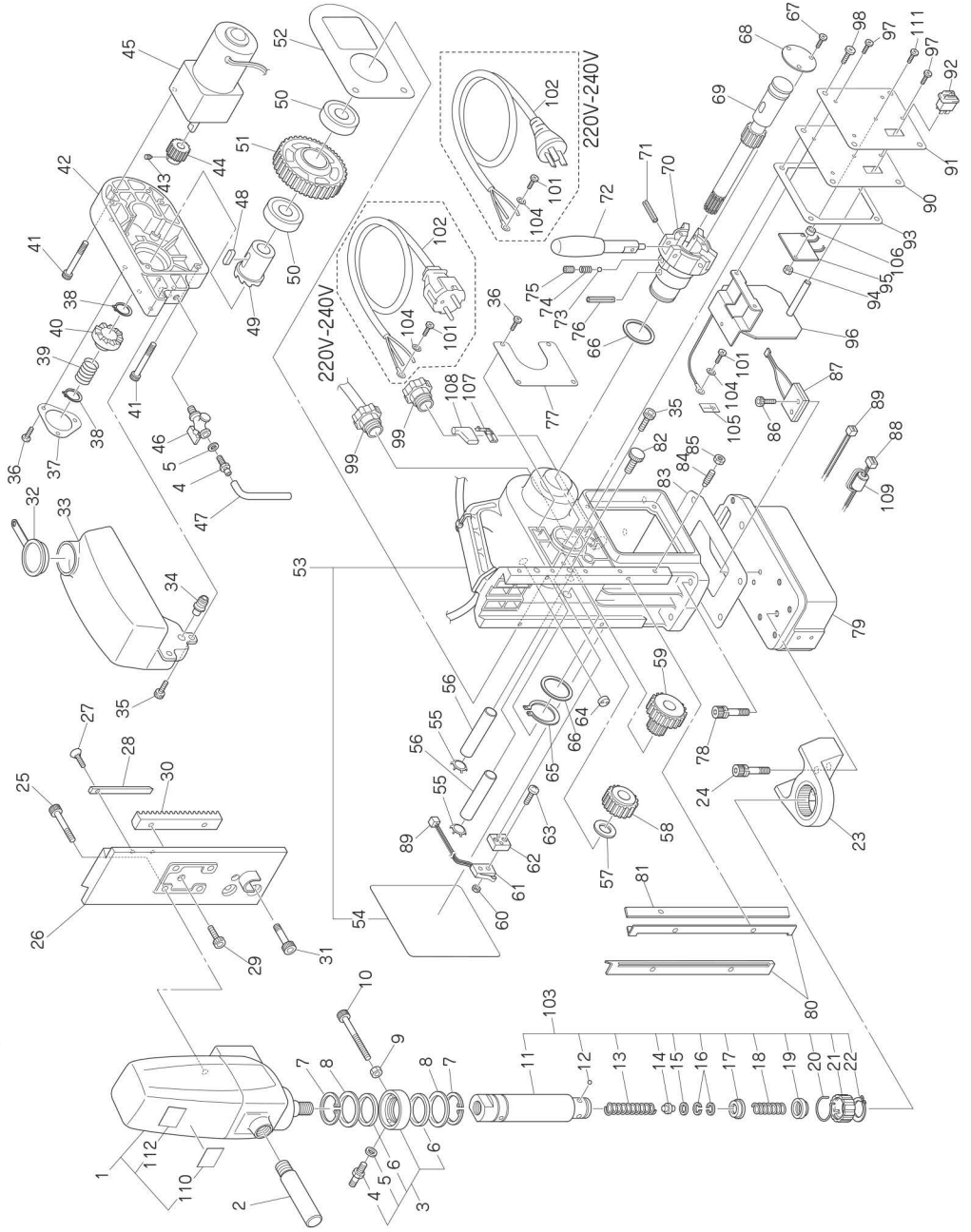


10. EXPLODED DIAGRAM: MACHINE



WARNING
 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.



11. ATRACE WA-3500 PARTS LIST

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

No.	Part No.	Part Name	Q'ty	Price
1	TB05148	Drill Motor Assy	1set	
110	(TQ11565)	Label Arbor Warning	1	
112	(TQ13281)	Label Shock Warning	1	
-	(TB05187)	Carbon Brush Assy	1set	
2	TB02534	Slide Handle Assy	1set	
3	TB00496	Oil Ring Sub Assy	1set	
4	(TP14500)	Hose Nipple	2	
5	(CP21947)	Packing S-4.7 x 8 x 0.8	2	
6	(TP14499)	Oil Seal GD38 x 48 x 4	2	
7	TP14969	External Retaining Ring ISTW-38	2	
8	TP12773	Washer 38.5 x 54 x 1	2	
9	LP10496	Hex. Nut Type 1 M6	1	
10	TP05469	Hex. Socket Head Cap Screw 6x45	1	
103	TB05121	Arbor Body Assy	1set	
11	(TQ06755)	Arbor Body	1	
12	(TB01672)	Ball 5/16 Assy	1set	
13	(TP15998)	Spring 1.6 x 16.2 x 120	1	
14	(TQ01895)	Pilot Spacer	1	
15	(TP15848)	Spacer 10.5 x 19 x 5	1	
16	(TP13905)	Internal Retaining Ring ISTW-19	2	
17	(TB01348)	Washer Assy	1set	
18	(TQ01898)	Spring 0.8 x 12 x 31	1	
19	(TB01349)	Push Ring Assy	1set	
20	(TQ01896)	Rotating Spring	1	
21	(TQ01897)	Sleeve	1	
22	(TP15239)	External Retaining Ring C-28	1	
23	TB05407	Bracket Assy	1set	
24	TQ03344	Hex. Socket Head Cap Screw 8 x 20 With Spring Washer	3	
25	TP08013	Hex. Socket Head Cap Screw 5 x 25	4	
26	TQ06753	Slide Board	1	
27	TP00112	Countersunk Head Screw 4 x 10	1	
28	TQ06754	Pointer	1	
29	TP14178	Hex. Socket Head Cap Screw 6 x 10	2	
30	TQ02496	Rack	1	
31	TP14174	Hex. Socket Head Cap Screw 10 x 25	1	
32	TQ11062	Rubber Cap	1	
33	TQ06784	Oil Tank	1	
34	TQ06786	Rubber Plug	1	
35	TP04715	Hex. Socket Head Cap Screw 4 x 8	5	
36	TP12819	Pan Head Screw 4 x 6	7	
37	TQ06777	Cover Plate	1	
38	TP06387	External Retaining Ring GV-16	2	
39	TP06374	Spring	1	

No.	Part No.	Part Name	Q'ty	Price
40	TP12325	Clutch A	1	
41	TQ06770	Hex. Socket Head Cap Screw 4 x 35	8	
42	TQ06769	Gear Box	1	
43	CP26427	Hex. Socket Set Screw With Cup Point 8 x 20	1	
44	TQ06768	Spur Gear 1 x 23	1	
45	TQ06767	Geared Motor	1	
46	TP14495	P-Valve PT1/8	1	
47	TB01098	Tube 4 x 7 x 3000 Assy(200mm)	1set	
48	TQ06765	Parallel Key 8 x 7 x 20 Both ends round	1	
49	TQ06763	Clutch B	1	
50	TQ06766	Ball Bearing 6906ZZ	2	
51	TQ06764	Spur Gear 1 x 88	1	
52	TQ06782	Packing Gear Box	1	
53	TB08778	Body Sub Assy	1set	
54	(TQ12858)	Label Warning	1	
105	(LP13557)	Label Earth	1	
55	TQ04715	Internal Retaining Ring CRTW-12	2	
56	TQ06776	Shaft	2	
57	TQ06779	Washer 12.2 x 28 x 1	1	
58	TQ06775	Spur Gear 1.5 x 26	1	
59	TQ06774	Spur Gear 1.5 x 14 x 29	1	
60	TP08139	Hex. Nut Type 1 M2.3	2	
61	TQ06771	Limit Switch ABS5634318	1	
62	TQ06772	Fixture For Limit Switch	1	
63	TP07784	Pan Head Screw 2.3 x 15	2	
64	TQ00394	Seal Bushing	1	
65	TQ06781	External Retaining Ring ISTW-32	1	
66	TQ06780	Washer 32.2 x 42 x 2	2	
67	TP08598	Pan Head Screw 3 x 5	3	
68	TQ06762	Plate Automatic Feeder	1	
69	TQ06760	Gear Shaft	1	
70	TQ06761	Handle Stem	1	
71	TP12821	Spring Pin 5 x 26AW Double	3	
72	TQ00680	Rod Handle	3	
73	CP01123	Ball 3/16	3	
74	TP06396	Spring	3	
75	TP06397	Hex. Socket Set Screw With Cup Point 6 x 8	3	
76	TQ06759	Spring Pin 8 x 40AW	1	
77	TQ12845	Plate Spec.	1	
78	TQ03345	Hex. Socket Head Cap Screw 8 x 25 With Spring Washer	4	
79	TB05151	Square Pole Assy	1set	

No.	Part No.	Part Name	Q'ty	Price
80	TP12777	Slide Plate	2	
81	TQ06773	Gib	1	
82	TP02931	Set Screw	1	
83	TQ06794	Packing Pole	1	
84	TQ00730	Hex. Socket Set Screw With Dog Point 6 x 20	5	
85	TP07419	Hex. Nut Type 3 M6	5	
86	TP10600	Hex. Socket Head Cap Screw 4 x 18	2	
87	TB01363	Slide Slip Detection Function Assy	1set	
88	TB00573	D Cord Assy	1set	
89	TB05154	F Cord Assy	1set	
90	TQ07304	Switch Plate	1	
91	TQ12844	Panel Sheet	1	
92	TQ07306	Rocker Switch	1	
93	TQ06787	Packing Body	1	
94	TP02639	Hex. Nut Type 1 M4	2	
95	TB05133	Switch Control Board Assy	1set	
96	TB09050	Control Board Assy	1set	
97	TP02618	Pan Head Screw 4 x 8	3	
98	TP02419	Pan Head Screw 6 x 10	4	
99	TQ06795	Cable Connector 3217	2	
101	LP08489	Binding Head Screw 4 x 6	2	
102	TB05896	Cable Cord Assy 220-240V	1set	
104	TP04464	Toothed Lock Washer B M4	2	
106	TQ10165	Spacer 4.5 x 8 x 3	2	
107	TQ07308	Terminal #250 42232-3	2	
108	TQ07309	Sleeve 170891-1	2	
109	TQ11011	Hinged-Clamp Core	1	
111	TP02638	Pan Head Screw 4 x 12	2	

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

Accessories

No.	Part No.	Part Name	Q'ty	Price
TP04696	Hex. Socket Screw Key 3		1	
TP17014	Spanner 8 x 10		1	
TJ15859	Pilot Pin 08035		1	
TA99027	Chain Assy		1set	
TB02145	Cutting Oil 0.5 l Assy		1set	
TB05418	Guard Assy		1set	
TQ12846	Instruction Manual		1	