



**evolution**  
POWER TOOLS

**ME7500**  
Magnetic Drilling System

**Service Parts List**

REV.  
1.03

Item	Description	Part No	Qty	Item	Description	Part No	Qty	Item	Description	Part No	Qty
1	Snap ring r19	ME7501	1	60	Hex nut	ME7560	4	122	Cable clip	ME75122	1
2	Coolant stop seal	ME7502	1	61	Guard bar	ME7561	2	123	Spring washer	ME75123	2
3	Coolant spring	ME7503	1	62	Switch panel	ME7562	1	124	Rectifier	ME75124	1
4	Set screw m8x8	ME7504	1	63	Spring washer m4	ME7563	4	125	Wire lead	ME75125	1
5	O ring	ME7505	1	64	Hex bolt m4x16	ME7564	4	126	3-way connector	ME75126	1
6	Annular cutter adaptor	ME7506	1	65	Spring washer m8	ME7565	1	127	Strain relief	ME75127	1
7	Mt3 spindle	ME7507	1	66	Flat washer 40x8x2.5	ME7566	1	128	Locator tenon	ME75128	1
8	Woodruff key m5x5x40	ME7508	1	67	Bushing 32x38x12	ME7567	2				
9	Oil seal 55x40x7	ME7509	2	68	Body assembly	ME7568	1				
10	Snap ring r56	ME7510	1	69	Hex set screw m5x25	ME7569	8				
11	Coolant connector	ME7511	1	70	Hex nut m5	ME7570	8				
12	Screw m5x60	ME7512	4	71	Gib strip pair	ME7571	1				
13	Gear case	ME7513	1	72	Gib strip see 71						
14	Bearing hk1010	ME7514	7	73	Gib strip tensioner	ME7573	1				
15	First gear pinion	ME7515	1	74	Electro magnet	ME7574	1				
16	Woodruff key m5x5x8	ME7516	1	75	Hex bolt m6x20	ME7575	3				
17	First gear	ME7517	1	76	Arbor support	ME7576	1				
18	Woodruff key m5x5x45	ME7518	1	77	Hex bolt m8x30	ME7577	3				
19	Lay gear pinion	ME7519	1	78	Conduit gland	ME7578	1				
20	Lay gear	ME7520	1	79	Screw m4x25	ME7579	2				
21	Driven gear pinion	ME7521	1	80	Cord armor	ME7580	1				
22	Woodruff key m5x5x10	ME7522	1	81	Power cord 110v	ME7581	1				
23	Screw selector	ME7523	2	81A	Power cord 230v	ME7581A	1				
24	Selector slider	ME7524	2	82	Star washer m4	ME7582	1				
25	Selector spring	ME7525	2	83	Screw m4x6	ME7583	1				
26	Selector fork	ME7526	1	84	Side cover	ME7584	1				
27	Output gear	ME7527	1	85	Screw m4x8	ME7585	4				
28	Bearing 6006zz	ME7528	2	86	Crank spindle	ME7586	1				
29	Snap ring s30	ME7529	1	87	Crank handle	ME7587	3				
30	Oil seal 40x30x5	ME7530	1	88	Handle grip	ME7588	3				
31	Snap ring s18	ME7531	1	89	Coolant tube	ME7589	1				
32	Secondary low gear	ME7532	1	90	Coolant tap	ME7590	1				
33	Secondary high gear	ME7533	1	91	Flat washer 12x24x2.5	ME7591	1				
34	Selector fork	ME7534	1	92	O ring 10.5x2	ME7592	1				
35	Gear plate	ME7535	1	93	Nut	ME7593	1				
36	Bearing 6202zz	ME7536	1	94	Coolant tank	ME7594	1				
37A	Armature 110v	ME7537A	1	95	Screw m5x10	ME7595	1				
37B	Armature 230v	ME7537B	1	96	Flat washer m5	ME7596	1				
38	Screw m5x60	ME7538	2	97	Coolant tank bracket	ME7597	1				
39	Bearing 6200zz	ME7539	1	98	Slide plate	ME7598	1				
40A	Field assembly 110v	ME7540A	1	99	Gear rack	ME7599	1				
40B	Field assembly 230v	ME7540B	1	100	Hex bolt m8x20	ME75100	3				
41	Motor housing	ME7541	1	101	Chip guard	ME75101	1				
42	Brush holder	ME7542	2	102	Safety chain	ME75102	1				
43	Carbon brush	ME7543	2	103	Butterfly screw m6x10	ME75103	2				
44	Brush cap	ME7544	2	104	Flat washer 6x13x1	ME75104	2				
45	Motor top cover	ME7545	1	105	Wrench m8	ME75105	1				
46	Screw m4x45	ME7546	4	106	Hex wrench m2.5	ME75106	1				
47	Hex head bolt m8x16	ME7547	7	107	Hex wrench m4	ME75107	1				
48	Top mounting bracket	ME7548	1	108	Drift	ME75108	1				
49	Wire connector c4	ME7549	4	109	Screw m4x6	ME75109	2				
50	Motor cord	ME7550	1	110	Bushing	ME75110	1				
51	Cord sheath	ME7551	1	111	Spacer	ME75111	1				
52	Cord clip	ME7552	2	112	Travel stop	ME75112	1				
53	Screw m4x16	ME7553	2	113	Hex bolt m6x40	ME75113	1				
54	Motor cover plate	ME7554	1	115	Arbor washer	ME75115	1				
55	Screw m6x20	ME7555	4	116	Bearing	ME75116	1				
56	Magnet switch	ME7556	1	117	Flat washer	ME75117	3				
57	Reversing switch	ME7557	1	118	Zip tie	ME75118	1				
58	Screw m4x16	ME7558	2	119	Fan shroud	ME75119	1				
59A	Motor switch 110v	ME7559A	1	120	Brush connector lead	ME75120	1				
59B	Motor switch 230v	ME7559B	1	121	Flat washer	ME75121	6				

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