



evolution POWER TOOLS **ME3500**
Magnetic Drilling System

Service Parts List REV. 1.03

Item	Description	Part No	Qty	Item	Description	Part No	Qty
1	Set screw m5x6	ME3501	2	52	Electro magnet switch	ME3552	1
1A	Set screw m8x8	ME3501A	2	53A	Main motor switch 230v	ME3553A	1
2	Arbor shaft v2	ME3502	1	53B	Main motor switch 110v	ME3553B	1
2A	Arbor shaft v1	ME3502A	1	54	Bushing 32x2x12	ME3554	2
2B	Arbor shaft no Inl v2	ME3502B	1	55	Flat washer 38x10x2.5	ME3555	1
3	Oil seal v2	ME3503	1	56	Switch plate	ME3556	1
3A	Oil seal v1	ME3503A	1	57	Hex bolt m4x16	ME3557	4
4	Spring v2	ME3504	1	58	Spring washer m6	ME3558	1
4A	Spring v1	ME3504A	1	59	Hex bolt m6x16	ME3559	1
5	Main drive spindle v2	ME3505	1	60	Switch plate bar	ME3560	2
5A	Main drive spindle v1	ME3505A	1	61	Crank spindle	ME3561	1
6	Woodruff key m5x5x10	ME3506	1	62	Crank handle	ME3562	3
7	Oil seal 22x32x7	ME3507	2	63	Handle grip	ME3563	3
8	Gearbox case v2	ME3508	1	64	Rear cover plate	ME3564	1
8A	Gearbox case v1	ME3508A	1	65	Screw m4x8	ME3565	4
9	Bearing 6003	ME3509	2	66	Wire lead 16 awg	ME3566	4
10	Snap ring r35	ME3510	1	67	Gib strip - see 51		
11	Circlip s17 v2	ME3511	1	68	Main rectifier	ME3568	1
11A	Bearing race v1	ME3511A	1	69	Nut m4	ME3569	4
12	Final drive gear	ME3512	1	70	Power cord 110v uk	ME3570	1
13	Circlip s14 v2	ME3513	1	70A	Power cord 230v uk	ME3570A	1
13A	Nut m14 v1	ME3513A	1	71	Screw m4x25	ME3571	3
14	Bearing 608zz	ME3514	4	72	Electro magnet	ME3572	1
15D	1st drive gear ass	ME3515D	1	73	Arbor support v2	ME3573	1
17	Coolant connector	ME3517	1	73A	Arbor support v1	ME3573A	1
18	Inter gear plate	ME3518	1	74	Arbor support bearing	ME3574	1
19	Fan shroud	ME3519	1	75	Spring washer m8	ME3575	5
20	Bearing 609zz	ME3520	1	76	Hex head screw m8x70	ME3576	2
21A	Armature 230v	ME3521A	1	77	Wrench m8	ME3577	1
21B	Armature 110v	ME3521B	1	78	Hex wrench m2.5	ME3578	1
22	Screw m5x55	ME3522	2	79	Hex wrench m4	ME3579	1
23A	Field assembly 230v	ME3523A	1	80	Flat washer m6x13x1	ME3580	2
23B	Field assembly 110v	ME3523B	1	81	Butterfly screw m6x10	ME3581	2
24	Motor housing v2	ME3524	1	82	Safety guard	ME3582	1
24A	Motor housing v1	ME3524A	1	83	Safety chain	ME3583	1
25	Brush holder	ME3525	2	84	Electrical connector	ME3584	2
26	Carbon brush (pr)	ME3526	2	85	Nut	ME3585	1
27	Brush cover	ME3527	2	86	Flat washer 12x24x2.5	ME3586	1
28	Hex head bolt m5x40	ME3528	4	87	O ring 7.5x1.5	ME3587	1
29	Washer m5	ME3529	4	88	Screw m5x12	ME3588	2
30	Conduit gland	ME3530	1	89	Motor fixing plate	ME3589	1
31	Motor cord	ME3531	2	90	Flat head screw m4x10	ME3590	4
32	Cord sheath	ME3532	1	91	Motor back cover plate	ME3591	1
33	Cord clip	ME3533	1	92	Hex head bolt m8x60	ME3592	1
34	Screw m4x16	ME3534	2	93	Screw m4x10	ME3593	2
35	Screw m8x16	ME3535	4	104	Locating block	ME35104	1
36	Gear rack	ME3536	1	106	Flat washer	ME35106	4
37	Slide plate	ME3537	1	107	Spring washer	ME35107	4
38	Hex head bolt m6x20	ME3538	5	108	Screw	ME35108	1
39	Coolant tank hanger	ME3539	1	109	Star washer	ME35109	3
40	Flat washer m5	ME3540	5	110	Cord clamp	ME35110	1
41	Electrical connector	ME3541	2	111	Spring washer	ME35111	1
42	Coolant tank	ME3542	1	113	Strain relief	ME35113	1
43	Coolant tap	ME3543	1	114	Cord protector inner	ME35114	1
44	Coolant clear tube	ME3544	1				
45	Conduit gland	ME3545	1				
46	Main body assembly	ME3546	1				
47	Set screw m5x20	ME3547	5				
48	Nut m5	ME3548	5				
49	Thumb screw m5x16	ME3549	2				
50	Gib strip tensioner	ME3550	1				
51	Gib strip pair	ME3551	2				

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