



EVOLUTION

EVOMAG28
Magnetic Drilling System

Service Parts List

090-0001/090-0002/090-0004.01

DWG No	Description	Part Code	Qty	DWG No	Description	Part Code	Qty	DWG No	Description	Part Code	Qty
M1	Lubricant bottle assembly	095-0031	1	62	M10 x 10 Grubb Screw	F-SSCFP-M10-10-ST-BO	1				
1	Switch Plate Bar	090-0102	2	63	Spring	090-0150	1				
2	Capacitor	090-0103	1	64	Coolant Seal	090-0151	1				
3	Inductor	090-0104	1	65	Circlip	F-CCINT-21-089-ST-BO	1				
4	Power Cord 110v UK	090-0105	1	66	Brush Cap	090-0152	2				
4A	Power Cord 230v UK	090-0106	1	67	Carbon Brush	090-0153	2				
4B	Power Cord 230v Euro	090-0107	1	68	Brush Holder	090-0154	2				
5	Electro Magnet Switch	090-0109	1	69	M5 x 40 Screw	F-SPHPZ-M5-40-ST-BO	4				
6	Fuse Holder Cap 110V	090-0110	1	70	Capacitor	090-0155	1				
6A	Fuse Holder Cap 230V	090-0111	1	71	Motor Housing	090-0156	1				
7	Fuse 110V 20 amp	090-0112	1	72	Field Assy 110v UK	090-0157	1				
7A	Fuse 230V 10 amp	090-0113	1	72A	Field Assy 230v UK	090-0158	1				
8	Fuse Holder 110V	090-0114	1	72C	Field Assy 230v EU	090-0158	1				
8A	Fuse Holder 230V	090-0115	1	73	Fan Shroud	090-0161	1				
9	Main Motor Switch (relayed) 110v	090-0116	1	74	4.8 x 65 Screw	F-TFPX-10-65-ST-SC	2				
9A	Main Motor Switch (relayed) 240v	090-0017	1	75	608 Bearing	F-B-608-2Z	1				
10	Switch Plate	090-0100	1	76	Armature 110v UK	090-0182	1				
11	M4 x 12 Screw	F-SPHPZ-M4-12-ST-BO	6	76A	Armature 230v UK	090-0183	1				
12	Crank	090-0118	1	77	609 Bearing	F-B-609-2Z	1				
13	Crank Handle	090-0119	3	78	Inter Gear Plate	090-0186	1				
18	2015 bearing Bush	090-0120	1	79	627 Bearing	F-B-627-2Z	1				
19	Cord Sheath	090-0121	1	80	Gear Pinion	090-0162	1				
20	Cable Protector	090-0122	1	81	627 Bearing	F-B-627-2Z	1				
21	Conduit Gland	090-0123	1	82	Gear Box Housing	090-0163	1				
22	Cable Gland	090-0124	1	83	Circlip	F-CCEXT-16-100-ST-PO	1				
23	Main Body Assembly	090-0125	1	84	Final Drive Gear	090-0187	1				
24	M5 x 10 Screw	F-SPHPZ-M5-10-ST-BO	4	85	6003 Bearing	F-B-6003-2Z	1				
25	Cable Clamp	090-0126	1	86	6004 Bearing	F-B-6004-2Z	1				
26	Main Rectifier	090-0127	1	87	Main Drive Spindle	090-0164	1				
27	M6 x 20 Cap Screw	F-SHCS-M6-20-ST-BO	3	88	4 x 15 Woodruff Key	090-0165	1				
28	6mm Washer	F-W-M6-ST-BO	7	89	5mm Allen Key	F-HEXKEY-M5-ST-BO	1				
29	Electro Magnet 110 UK	090-0128	1	90	4mm Allen Key	F-HEXKEY-M4-ST-BO	1				
29A	Electro Magnet 230 UK	090-0129	1	93	Safety Belt	090-0170	1				
29B	Electro Magnet 230 EU	090-0129	1	94	Guard	090-0171	1				
30	M5 Nut	F-NSH-M5-ST-BO	6	95	Wing Screw	090-0172	2				
31	M5 x 20 Grubb Screw	F-SSCFP-M5-20-ST-BO	6	96	6mm Washers	F-W-M6-ST-BO	2				
32	M6x8 Cap Screw	F-SPHPZ-M6-8-ST-BO	1	98	Coolant pipe	090-0173	1				
33	Crank Axle Washer	090-0133	1	99	Motor Cable	090-0181	1				
34	Gib Strip Tensioner	090-0134	1	100	Label set 110v	090-0174	1				
35	Gib Strip (Pr)	090-0135	1	101	Label set 230v	090-0175	1				
36	Gib Strip - see 35		1	108	Blow Moulded Case	090-0189	1				
37	M5 x 10 Screw	F-SPHPZ-M5-10-ST-BO	4	109	6mm Spring Washer	F-SWA-M6-ST-BO	7				
38	Spec plate	090-0101	1	110	5mm Spring Washer	F-SWA-M5-ST-BO	6				
39	Rack	090-0137	1	111	2.5mm Allen Key	F-HEXKEY-M2.5-ST-BO	1				
40	M6 x 20 Cap Screw	F-SHCS-M6-20-ST-BO	2								
44	M6 x 12 Flange Hex Bolt	F-HFB-M6-12-ST-BO	2								
45	6mm Spring Washer	F-SWA-M6-ST-BO	2								
46	6mm Washer	F-W-M6-ST-BO	2								
47	Conduit Gland	090-0141	1								
48	3.5mm Self Tap Screw	F-TFPX-6-15-ST-BO	4								
51	Motor Support Plate	090-0142	1								
52	Slide Plate	090-0143	1								
53	M6 x 12 Cap Screw	F-SHCS-M6-12-ST-BO	3								
54	Arbor Support Bracket	090-0144	1								
55	2520 Bearing	090-0145	1								
56	M6 x 16 Cap Screw	F-SHCS-M6-16-ST-BO	4								
57	Motor Mounting Bracket	090-0146	1								
58	M6 x 30 Cap Screw	F-SHCS-M6-30-ST-BO	1								
59	Coolant Inlet Body	090-0147	1								
60	1/4 Quick Coupler	090-0148	1								
61	Arbor Shaft	090-0149	1								

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