



evolution
Service Parts List

EVOMAG28
Magnetic Drilling System

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 | | | | | | | | |

evOLUTION[®]

EVOMAG28
Magnetic Drilling System

Service Parts List

090-0001/090-0002/090-0004.01