



Fig. 2.2. M Series gearbox - component parts

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|----------------------------|----------------------------|--|--|
| 1 Locknut | 38 Locknut - 2 off | 74 Kickstart quadrant | 105 Mainshaft 2nd and 1st gear double pinion |
| 2 Lockwasher | 39 Bottom pawl | 75 Rubber stop | 106 Mainshaft |
| 3 Gearbox sprocket | 40 Link rod | 76 Spring ring | 107 Oil thrower |
| 4 Gearbox casing | 41 Locknut | 77 Ball bearing | 108 Inner cover |
| 5 Baffle plate | 42 Adjuster fork | 78 Retainer | 109 Gasket |
| 6 Gasket - 2 off | 43 Ratchet lever | 79 Distance washer | 110 Shim |
| 7 Screw - 4 off | 44 Clevis pin - 2 off | 80 Stud | 111 Thrust washer |
| 8 Inspection cover | 45 Split pin - 2 off | 81 Dowel - 2 off | 112 Grub screw |
| 9 Oil seal q | 46 Bush | 82 Domed blanking nut (not fitted on speedometer models) | 113 Screw - 3 off |
| 10 Retainer | 47 Clutch operating arm | 83 Nut | 114 Operating lever |
| 11 Bearing | 48 Clutch pushrod lever | 84 Washer | 115 Nut |
| 12 Shim | 49 Adjuster screw | 85 Driven gear bush | 116 Spring washer |
| 13 Bush | 50 Locknut | 86 Driven gear bush (small) | 117 Spacer |
| 14 Selector fork | 51 Washer | 87 driven gear | 118 Stud |
| 15 Locating peg - 2 off | 52 Castellated nut | 88 Layshaft bush | 119 Kickstart ratchet |
| 16 Selector fork | 53 Split pin | 89 Layshaft | 120 Kickstart ratchet pinion |
| 17 Selector shaft | 54 Bolt | 90 Bush | 121 Kickstart ratchet pinion sleeve |
| 18 Bush | 55 Washer | 91 Layshaft 1st gear pinion | 122 kickstart ratchet spring |
| 19 Shim | 56 Screw - 3 off | 92 Sliding dog | 123 Kickstart ratchet pinion nut |
| 20 Indexing plunger sleeve | 57 Pedal rubber | 93 Layshaft 2nd gear pinion | 124 Washer |
| 21 Indexing plunger spring | 58 Gear change pedal | 94 Bush | 125 Locknut |
| 22 Indexing plunger | 59 Kickstart rubber | 95 Layshaft 3rd and 4th gear double pinion | 126 Clutch pushrod |
| 23 Nut | 60 Fibre washer | 96 Layshaft bush | 127 Grease nipple |
| 24 Washer | 61 Inspection cap | 97 Mainshaft 4th gear sleeve pinion | 128 Screw - 2 off |
| 25 Bush | 62 Kickstart pedal | 98 Mainshaft 4th gear sleeve pinion bush | 129 Locking strip |
| 26 Pedal shaft and plate | 63 Nut - 4 off | 99 Gasket | 130 Circlip |
| 27 Nut - 2 off | 64 Screw - 4 off | 100 Stud - 2 off | 131 Quadrant |
| 28 Washer - 2 off | 65 Nut | 101 Oil retaining washer | 132 Bush |
| 29 Pawl arm stop | 66 Washer | 102 Sliding dog | 133 Plunger |
| 30 Screw - 2 off | 67 Cotter pin | 103 Mainshaft 3rd gear pinion | 134 Spring |
| 31 Pawl arm spring | 68 Gasket | 104 Bush | 135 Cup |
| 32 Pawl pivot - 2 off | 69 Outer cover | | 136 Woodruff key |
| 33 Pawl arm | 70 Nut | | |
| 34 Pawl arm | 71 Bush | | |
| 35 Pawl return spring | 72 Kickstart return spring | | |
| 36 Top pawl | 73 Anchor screw | | |
| 37 Nut - 2 off | | | |