



Fig. 1.5. Crankcase assembly - except Gold Star models - component parts

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|---------------------------------------|-------------------------------|-----------------------------------|-------------------------|
| 1 Pressure release valve ball | 27 Saddle washer | 55 Spring ring | 82 Magdyno drive pinion |
| 2 Pressure release valve spring | 28 Plain washer | 56 Drive side roller bearing | 83 Feed gear (driven) |
| 3 Pressure release valve fibre washer | 29 Bolt | 57 Oil thrower | 84 Washer - 4 off |
| 4 Pressure release valve screw | 30 Drive side crankcase | 58 Timing side mainshaft | 85 Nut - 4 off |
| 5 Screw - 9 off | 31 Bolt - 3 off | 59 Fibre washer | 86 Sump plate |
| 6 Timing cover | 32 Stud | 60 Lockwasher - 2 off | 87 Gasket |
| 7 Timing cover gasket | 33 Fibre washer - 2 off | 61 Timing side roller bearing | 88 Filter gauze |
| 8 Mainshaft oil feed pipe | 34 Oil pipe adaptor - 2 off | 62 Screw - 2 off | 89 Gasket |
| 9 Half time pinion nut | 35 Timing side flywheel | 63 Crankpin nut - 2 off | 90 Magdyno drive pinion |
| 10 Rubber washer - 2 off | 36 Fibre washer | 64 Nut - 5 off | 91 Spring washer |
| 11 Cam pinion spindle bolt - 2 off | 37 Drain plug | 65 Stud - 4 off | 92 Nut |
| 12 Timing gear plate | 38 Drive side flywheel | 66 Oil seal | 93 Bush |
| 13 Exhaust cam pinion bush - 2 off | 39 Rivet - 14 off | 67 Oil pump drive spindle | 94 Inlet cam pinion |
| 14 Exhaust cam pinion | 40 Crankpin | 68 Gasket | 95 Bush - 2 off |
| 15 Exhaust cam pinion spindle | 41 Drive side mainshaft | 69 Top cover washer | 96 Woodruff key |
| 16 Half time pinion | 42 Woodruff key | 70 Top cover | 97 Bolt |
| 17 Tappet - 2 off | 43 Rivet - 6 off | 71 Feed gear (driven) | 98 Washer - 6 off |
| 18 Tappet guide - 2 off | 44 Thrust washer - 2 off | 72 Oil pump body | 99 Bolt - 3 off |
| 19 Tappet locknut - 2 off | 45 Cush drive nut | 73 Oil pump scavenge gear - 2 off | 100 Washer |
| 20 Tappet head - 2 off | 46 Cush drive lockwasher | 74 Oil pump bottom cover | 101 Oil pump |
| 21 Timing side crankcase | 47 Cush drive spring | 75 Spring washer - 2 off | 102 Circlip |
| 22 Stud | 48 Cush drive sleeve | 76 Bolt - 2 off | 103 Ball |
| 23 Magdyno strap (short) | 49 Engine sprocket | 77 Bolt - 2 off | 104 Breather union |
| 24 Tapped plug | 50 Cush drive bearing | 78 Retaining pin | 105 Disc |
| 25 Magdyno strap (long) | 51 Cush drive spacer | 79 Thrust washer | 106 Screw |
| 26 Plain plug | 52 Cush drive shim | 80 Spindle | 107 Breather body |
| | 53 Mainshaft shim | 81 Spindle | 108 Gland nut |
| | 54 Drive side ball bearing | | 109 Breather pipe |
| | 54a Mainshaft distance collar | | 110 Fibre washer |