



Fig. 1.1. Cylinder head, barrel and flywheel assembly - side-valve models - component parts

- |                           |                                |                              |   |
|---------------------------|--------------------------------|------------------------------|---|
| 1 Engine stay             | 23 Valve spring - 2 off        | 45 Washer - 2 off            | 67 Distance piece                               |
| 2 Washer - 9 off          | 24 Valve spring collar - 2 off | 46 Hallite gasket            | 68 Drive side roller                            |
| 3 Bolt - 5 off            | 25 Valve spring collet - 2 off | 47 Stud - 2 off              | 69 Oil thrower                                  |
| 4 Bolt                    | 26 Tappet head                 | 48 Spring washer - 5 off     | 70 Woodruff key                                 |
| 5 Spark plug              | 27 Tappet locknut - 2 off      | 49 Nut - 5 off               | 71 Thrust washer                                |
| 6 Spark plug cap          | 28 Tappet guide - 2 off        | 50 Cylinder head gasket      | 72 Rivet - 6 off                                |
| 7 Spark plug washer       | 29 Exhaust tappet              | 51 Cylinder head             | 73 Drive side flywheel                          |
| 8 Bolt - 4 off            | 30 Gasket                      | 52 Screwed plug              | 74 Drive side mainshaft                         |
| 9 Inlet valve guide       | 31 Inspection cover            | 53 Crankpin                  | 75 Big end roller - 24 off                      |
| 10 Inlet valve            | 32 Screw - 4 off               | 54 Bearing cage              | 76 Rivet - 14 off                               |
| 11 Exhaust valve          | 33 Inlet tappet                | 56 Connecting rod            | 77 Timing side flywheel                         |
| 12 Exhaust valve guide    | 34 Half time pinion            | 57 Small end bush            | 78 Timing side mainshaft                        |
| 13 Barrel                 | 35 Locking washer              | 58 Gudgeon pin               | 79 Inner roller bearing                         |
| 14 Cable stop             | 36 Nut                         | 59 Piston                    | 80 Outer ball bearing                           |
| 15 Exhaust lifter lever   | 37 Inlet tappet head           | 60 1st compression ring      | 81 Piston assembly                              |
| 16 Screw                  | 38 Screw                       | 61 2nd compression ring      | 82 Alternative engine stay<br>(RH sidecar only) |
| 17 Nut                    | 39 Locking plate               | 62 Scraper ring              | 83 Screw  |
| 18 Exhaust pipe           | 40 Nut - 2 off                 | 63 Shim                      | 84 Spring washer - 4 off                        |
| 19 Washer                 | 41 Woodruff key                | 64 Drive side roller bearing |   |
| 20 Spring                 | 42 Cylinder base gasket        | 65 Spring ring               |   |
| 21 Exhaust lifter body    | 43 Nut - 2 off                 | 66 Circlip                   |   |
| 22 Exhaust lifter spindle | 44 Washer - 2 off              |                              |   |