

This exploded view diagram illustrates the assembly of a 100 cc engine. The components are numbered as follows:

- Engine Block and Cylinder Head:** 1 (Cylinder head gasket), 2 (Cylinder head), 3 (Engine block), 4 (Head bolt), 5 (Head nut), 6 (Head washer), 7 (Cylinder head gasket), 8 (Cylinder head gasket), 9 (Cylinder head gasket), 10 (Cylinder head gasket), 11 (Cylinder head gasket), 12 (Cylinder head gasket), 13 (Cylinder head gasket), 14 (Cylinder head gasket), 15 (Cylinder head gasket), 16 (Cylinder head gasket), 17 (Cylinder head gasket), 18 (Cylinder head gasket), 19 (Cylinder head gasket), 20 (Cylinder head gasket), 21 (Cylinder head gasket), 22 (Cylinder head gasket), 23 (Cylinder head gasket), 24 (Cylinder head gasket), 25 (Cylinder head gasket), 26 (Cylinder head gasket), 27 (Cylinder head gasket), 28 (Cylinder head gasket), 29 (Cylinder head gasket), 30 (Cylinder head gasket), 31 (Cylinder head gasket), 32 (Cylinder head gasket), 33 (Cylinder head gasket), 34 (Cylinder head gasket).
- Pistons and Rings:** 35 (Piston pin), 36 (Piston pin clip), 37 (Piston pin clip), 38 (Piston pin clip), 39 (Piston pin clip), 40 (Piston pin clip), 41 (Piston pin clip), 42 (Piston pin clip), 43 (Piston pin clip), 44 (Piston pin clip), 45 (Piston pin clip), 46 (Piston pin clip), 47 (Piston pin clip), 48 (Piston pin clip), 49 (Piston pin clip), 50 (Piston pin clip), 51 (Piston pin clip), 52 (Piston pin clip), 53 (Piston pin clip), 54 (Piston pin clip), 55 (Piston pin clip), 56 (Piston pin clip), 57 (Piston pin clip), 58 (Piston pin clip), 59 (Piston pin clip), 60 (Piston pin clip), 61 (Piston pin clip), 62 (Piston pin clip), 63 (Piston pin clip), 64 (Piston pin clip), 65 (Piston pin clip), 66 (Piston pin clip), 67 (Piston pin clip), 68 (Piston pin clip), 69 (Piston pin clip), 70 (Piston pin clip), 71 (Piston pin clip), 72 (Piston pin clip), 73 (Piston pin clip), 74 (Piston pin clip), 75 (Piston pin clip), 76 (Piston pin clip), 77 (Piston pin clip), 78 (Piston pin clip), 79 (Piston pin clip), 80 (Piston pin clip), 81 (Piston pin clip), 82 (Piston pin clip), 83 (Piston pin clip), 84 (Piston pin clip), 85 (Piston pin clip), 86 (Piston pin clip), 87 (Piston pin clip), 88 (Piston pin clip), 89 (Piston pin clip), 90 (Piston pin clip), 91 (Piston pin clip), 92 (Piston pin clip), 93 (Piston pin clip), 94 (Piston pin clip), 95 (Piston pin clip), 96 (Piston pin clip), 97 (Piston pin clip), 98 (Piston pin clip), 99 (Piston pin clip), 100 (Piston pin clip).
- Valves and Camshaft:** 101 (Intake valve), 102 (Intake valve), 103 (Intake valve), 104 (Intake valve), 105 (Intake valve), 106 (Intake valve), 107 (Intake valve), 108 (Intake valve), 109 (Intake valve), 110 (Intake valve), 111 (Intake valve), 112 (Intake valve), 113 (Intake valve), 114 (Intake valve), 115 (Intake valve), 116 (Intake valve).
- Other Components:** 101 (Intake valve), 102 (Intake valve), 103 (Intake valve), 104 (Intake valve), 105 (Intake valve), 106 (Intake valve), 107 (Intake valve), 108 (Intake valve), 109 (Intake valve), 110 (Intake valve), 111 (Intake valve), 112 (Intake valve), 113 (Intake valve), 114 (Intake valve), 115 (Intake valve), 116 (Intake valve).