

Engine Specifications	
Model	G100 K2
Type	4-stroke, side valve type (L-head), single cylinder
Displacement	98 cm ³ (6.0 cu-in)
Max. horsepower	2.0 HP (1.5 kW) at 4200 rpm
Max. torque	3.5 Nm (0.35 kg·m, 2.5 ft·lb)
Carburetor	Horizontal, butterfly valve
Cooling system	Forced-air
Ignition system	Transistorized magneto
Lubricating system	Splash system
Starting system	Recoil starter
Stopping system	Ground of primary circuit
Fuel used	Unleaded gasoline (octane number 86 or higher)
Fuel tank capacity	1.4 L
Fuel consumption	320 g/HPh
PTO shaft rotation	Counterclockwise (from PTO shaft side)

CYLINDER BLOCK AND HEAD	
Compression ratio	6.5:1
Bore x Stroke	52 x 46 mm (20.5 in x 1.81 in)
Sleeve internal diameter	52.00 mm (20.5 in)
Cylinder Head	
Warpage (limit)	0.10 mm (0.004 in)
Valve Arrangement	Side valve type (L-head)
Valves	2

MAINTENANCE DATA	
Engine	
Idle speed	1400 ± 110 rpm
Cylinder compression	6.5 kg/cm ² (637 kPa) at 800 rpm
Adjust timing ignition	Ignition timing 20° B.T.D.C. (Fixed)
Adjust valve clearance	Intake valve 0.08-0.16 mm (0.0031-0.0063 in), Exhaust valve 0.08-0.16 mm (0.0031-0.0063 in)
Oil system	
Oil type	Honda 4-stroke "SJ"
Recommended oil	10W-40

Oil capacity	0.45 L
Ignition system	
Spark plug	NGK: BPMR-4A
Spark plug gap	0.6-0.7 mm (0.024-0.028 in)

TIGHTENING TORQUE SPECS	
Carburetor	4-6 Nm; 0.4-0.6 kg·m; 2.9-4.3 ft·lb
Flywheel	45-55 Nm; 4.5-5.5 kg·m; 32.5-40 ft·lb
Governor arm	8-12 Nm; 0.8-1.2 kg·m; 5.8-8.7 ft·lb
Cylinder head	8-12 Nm; 0.8-1.2 kg·m; 5.8-8.7 ft·lb
Crankcase cover	8-12 Nm; 0.8-1.2 kg·m; 5.8-8.7 ft·lb
Connecting rod	4-6 Nm; 0.4-0.6 kg·m; 2.9-4.3 ft·lb
Others	
5 mm bolts, nuts	4-7 Nm; 0.4-0.7 kg·m; 2.9-5.1 ft·lb
6 mm bolts, nuts	8-12 Nm; 0.8-1.2 kg·m; 5.8-8.7 ft·lb
8 mm bolts, nuts	20-28 Nm; 2.0-2.8 kg·m; 14.5-20.3 ft·lb
10 mm bolts, nuts	35-40 Nm; 3.5-4.0 kg·m; 25-29 ft·lb