

## SPECIFICATIONS

### Torque Chart

#### Special Items

Connecting rod screw	80 in. lbs. (92 kg/cm)
Cylinder head screws	130 in. lbs. (150 kg/cm)
Flywheel nut	40 ft. lbs. (5.5 kg/m)
Gear housing plugs	90-115 in. lbs. (100-130 kg/cm)
Spark plugs	120-180 in. lbs. (140-205 kg/cm)

#### Standard Hardware

Size	Torque
10-24	30 in. lbs. (35 kg/cm)
10-32	35 in. lbs. (40 kg/cm)
12-24	45 in. lbs. (52 kg/cm)
1/4-20	70 in. lbs. (80 kg/cm)
5/16-18	160 in. lbs. (185 kg/cm)
3/8-16	270 in lbs. (310 kg/cm)

### Engine Specifications

BIA Certified Horsepower	7.5 @ 4750 RPM
Recommended Operating range	4250-5250 RPM
Test tank w/test wheel	Not applicable
Engine Description	2 cycle, 2 cylinder
Piston Bore and storke	2" x 1-19/32 (5.08 x 4.05 cm)
Piston Displacement	10.0 cu. in. (163.9cc)
Cylinder Compression	110-130 PSI (8.10 - 9.13 kg/cm)
Spark Plug Type	Champion L86
Spark Plug Gap	.030" (0.76mm)

Use the Correct Main Fuel Jet to Compensate for Altitude Horespower		
MAIN FUEL JET PART NUMBER	SIZE	ALTITUDE
10089	.041	Sea Level — 3,000 ft.
10097	.040	3,000 - 5,000 ft.
10096	.039	5,000 - 7,000 ft.
10093	.038	7,000 ft. & up

**Table 6. Main Fuel Jet Sizes**