



Beamer II Scooter 2005 Specifications

		(Model No. PN2B)
Engine		
Type		Two cycle air cooled oil injected
Displacement		49.3cc
Bore / Stroke		φ40.0 * 39.2mm
Compression - Ratio / Pressure		6.8 : 1 / 90-120psi
Torque / BHP		5.2N m @ 7000rpm / 1.5BHP
Estimated MPG		65mpg/75mpg
Starting		Electrical with Kick starter back up
Transmission		
Type		Automatic (C.V.T. V-Belt)
Chassis		
Overall Length		1830mm / 72.0"
Overall Width		650mm / 25.6"
Overall High		1100mm / 43.3"
Wheel Base		1260mm / 49.6"
Dry Weight		82kg / 180.7lb
Suspension		
Front		Telescopic Fork
Rear		Unit Swing Arm / Single Shock
Brakes		
Front		Hydraulic Disc
Rear		Mechanical Drum
Tires		
Front		120/90-10
Rear		130/90-10
Tire Pressure	Front	Front 18psi / 1.25kg/cm2 (Cold)
	Rear	Rear 25psi / 1.75kg/cm2 (Cold)

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Carburetor

Make/Size	Mikuni 18mm (Manual Coke)
Main Jet	85mm
Pilot Jet	20mm
Air Mixture Adjustment	Back out ¾ - 1¼ turns
Idle Speed	Idle 1700 - 1900rpm

Battery

Jell Acid (Maintenance Free)	12V-4AH/5AH - GTX5L-BS
Main Fuse	7Amp

Fluids

Fuel	Type	Unleaded Gasoline 89 octane
	Volume	5.5liters / 1.5gal
2 Cycle Oil	Type	High grade synthetic 2 cycle injector oil
	Volume	1.1 liters / 1.2qts
Transmission	Type	SAE 80/90 weight
	Volume	100cc / 3.4oz

Spark Plug

NGK (recommended)	BPR7HS
Nipendenso	W22FRP-U
Champion	QL82YC
Electrode Gap	0.6-0.7mm / 0.023"

GVWR

240kg. / 530lbs.

GAWR (Front)

76kg. / 167lbs.

GAWR (Rear)

165kg. / 164lbs.

Available Colors

*Subject to availability

Red

Blue

Yellow

Black