

RD60B

1975 SERVICE DATA

MOTORCYCLE
M4-067

MODEL — IBM I.D. NUMBER	RD60B	388
Starting Engine and Frame Number	388-100101	
Basic Color (fuel tank)	Sunshine Red	
Net Weight	163 lbs.	
ENGINE (type, induction system)	2-stroke, 7-port, Single, Reed Valve, Air-cooled	
Bore x Stroke x Cylinder Displacement	42 x 39.7mm x 1	55cc (3.36 CID)
Compression Ratio	6.9:1	
Piston Skirt Clearance (new/max.)	.040 ~ .045mm (.0016 ~ .0018")/0.1mm (.004")	
Ring End Gap (top/2nd/3rd)	0.15 ~ 0.35mm (.006 ~ .014")/Same/φ	
Ring Groove Clearance (top/2nd/3rd)	.03 ~ .08mm (.0012 ~ .0032")/Same/φ	
Valve Clearance (eng. cold) Intake/Exhaust	φ	
AUTOLUBE — Minimum Pump Stroke/Color Code	0.30 ~ 0.35mm (.012 ~ .014")	Pink
CARBURETOR (mfr) (type) (I.D. number)	Mikuni	VM16SH 388E1
Main Jet	No. 95	
Needle Jet	E-4	
Jet Needle/Clip Position	3E2-2	
Cut Away	2.0	
Pilot Jet	No. 20	
Air Jet	2.5	
Starter Jet	No. 30	
Air Screw (turns out)	1 1/4	
Float Level	22.5 ± 1.0mm	
Air Filter (type x quantity)	Wet Foam Rubber x 1	
DRIVE — Primary (type) (teeth) (ratio)	Helical Gear	68/19 3.578
Secondary (type) (teeth) (ratio)	DK420, 100L	42/12 3.500
Transmission Ratios 1st (teeth) (ratio) (O.A.)	39/12	3.250 40.711
2nd	34/17	2.000 25.053
3rd	30/21	1.428 17.895
4th	26/24	1.125 14.092
5th	25/26	0.961 12.045
6th	φ	
CAPACITIES — Transmission	500cc (17 oz.) SAE 10W30 Oil (Yamalube 4-cycle)	
Oil Tank or Engine Sump	1.1 qt. Yamalube 2-cycle	
Fuel Tank	2.1 gals. Unleaded or Low Lead (Regular)	
Front Forks	135cc (4.6 oz.) 10, 20 or 30 wt. Fork Oil*	
Rear Shocks	φ	
Tires (size/nominal pressure)	Front: 2.50-17/20psi	Rear: 2.50-17/28psi
ELECTRICAL — Charging System (mfr) (type)	Hitachi	F11-L48 Flywheel Magneto
No Load Voltage Adj. (AC & DC generators)	φ	
Max. Generator (Magneto) Output	8V4A @ 8000rpm	
Field Coil (and/or) Charging Coil Resistance	Yellow Wire 0.38Ω / Green 0.18Ω / Green-Red 0.56Ω	
Battery (mfr) (model) (rating)	GS or FB	GN4A-4D 6V4AH
Headlight/Taillight Ratings	6V15W/15W	6V5.3W/25W
Ign. Coil Min. Spark Gap/Pri. Res./Sec. Res.	6mm	1.7Ω 6.0KΩ
Condenser Capacity	0.30 μf	
Point Gap /Spark Plug (type/gap)	0.30 ~ 0.40mm (.012 ~ .016")/NGK B-7HS/0.5 ~ 0.6mm	
Timing (advanced) (retarded)	1.8mm BTDC/φ	

N/A = Information Not Available

*Available from Yamaha Parts Distributors, Inc.

φ = Does Not Apply to This Model