

IT465J

1982 SERVICE DATA

MODEL - IBM I.D. NUMBER	IT465J	4V6
Initial Engine Number / Frame Number	4V6-010101 / 4V6-010101	
Basic Color(s)	Sky Blue	
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Premium / 13 Lit. / ∅	
Dry Vehicle Weight	110 kg	
ENGINE TYPE	2-Stroke, Air-Cooled, Reed Valve	
Bore/Stroke/Number Cylinders/Displacement (cc)	85mm / 82mm / 1 / 465cc	
Compression Ratio/Compression Pressure Min~Max	7.1:1 / NA	
Piston Skirt Clearance New / Max	0.070 ~ 0.075mm / 0.1mm	
Ring End Gap Top / 2nd / 3rd	0.3 ~ 0.5mm / 0.3 ~ 0.5mm / ∅	
Valve Clearance (Cold) Intake / Exhaust	∅	
Oil Pressure Hot / rpm	∅	
Oiling System	Premix 24:1 Yamalube R*	
Capacity: Dry	∅	
Oil and Filter Change	∅	
Oil Change	∅	
Lubricant: Temp. Above 5°C (40°F)	Yamalube R*	
Temp. Below 15°C (60°F)	Yamalube R*	
AUTOLUBE - Min Stroke / Color Code	∅	
Minimum Output @ 200 Cycles	∅	
Maximum Output @ 200 Cycles	∅	
CARBURETOR - Mfr. / Type / I.D. Number	Mikuni / VM38SS / 4V6-00	
Main Jet / Pilot Jet	390 / 40	
Needle Jet / Jet Needle-Clip Position	Q-2 / 6F39-4	
Slide Cutaway or Throttle Valve	2.0	
Float Level / Fuel Level	27.0mm ± 1.0mm / NA	
Idle rpm	∅	
Max CO ^o / Max HC ^o / Set CO	∅	
SUSPENSION		
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil / ∅ / 423cc	
Gas Pressure	0 ^o g/cm ²	
Spring Length Std	615mm	
Monoshock: Oil Type / Qty	Not Rebuildable	
Gas Pressure	18 kg/cm ²	
Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm	
Tire Size (Nominal Pressure)	F:3.00-21 (psi Optional) R:5.60-17 (psi Optional)	
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	SAE 10W30 SE / 750cc / 800cc	
Primary Drive Type / Teeth / Ratio	Helical Gear / 63-24 / 2.625	
Secondary Drive Type / Teeth / Chain	Chain / 44-14 / DID520VS-108L	
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm	
Clutch Spring Length Std ~ Min	36.0 ~ 35.0mm	
Middle Gear Case Capacity	∅	
Final Gear Case Capacity	∅	
Gear Case Lubricant: Temp. Above 5°C (40°F)	∅	
Temp. Below 15°C (60°F)	∅	
All Weather Conditions	∅	

