

YZ465G

1980 SERVICE DATA

MODEL - IBM I.D. NUMBER	YZ465G	3R5
Initial Engine Number / Frame Number	3R5-000101 / 3R5-000101	
Basic Color(s)	Competition Yellow	
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Premium / 9.0 Lit. (2.3 Gal.) / ∅	
Dry Vehicle Weight	102 kg (225 lbs.)	
ENGINE TYPE	2-Stroke, Air Cooled, Reed Valve	
Bore/Stroke/Number Cylinders/Displacement (cc)	85mm / 82mm / 1 / 465cc	
Compression Ratio/Compression Pressure Min~Max	7.0: 1 / ∅	
Piston Skirt Clearance New/Max	0.050 ~ 0.055mm / 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 (32:1 for Yamalube R*)	
Capacity: Dry	∅	
Oil and Filter Change	∅	
Oil Change	∅	
Lubricant: Temp. above 5°C (40°F)	Yamalube R*	
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 / 3R5-00	
Main Jet / Pilot Jet	390 / 50	
Needle Jet / Jet Needle-Clip Position	P-8 / 6F16-3	
Slide Cutaway or Throttle Valve	3.0	
Float Level	27 ± 1.0mm	
Idle rpm	∅	
CO % @ Idle (Diagnostic Use Only)	∅	
SUSPENSION		
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / ∅ / 387cc	
Gas Pressure	0 kg/cm ²	
Spring Length Std.	608mm	
Monoshock: Oil Type / Qty	Not Rebuildable	
Gas Pressure	15 kg/cm ² (213 psi)	
Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm	
Tire Size (Nominal Pressure)	F:3.00-21 (psi - Opt.) R:5.10-18 (psi - Opt.)	
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 Drive / 46-14 / DK520DS-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	∅	

