

YZ250J

1982 SERVICE DATA

MODEL - IBM I.D. NUMBER	YZ250J	5X5
Initial Engine Number / Frame Number	5X5-000101 / 5X5-000101	
Basic Color(s)	Competition Yellow	
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Premium / 9.0 Lit. / \emptyset	
Dry Vehicle Weight	103 kg	
ENGINE TYPE	2-Stroke, Reed Valve, YPVS	
Bore/Stroke/Number Cylinders/Displacement (cc)	70mm / 64mm / 1 / 246cc	
Compression Ratio/Compression Pressure Min~Max	7.0 ~ 8.6:1 / \emptyset	
Piston Skirt Clearance New / Max	0.060 ~ 0.065mm / 0.1mm	
Ring End Gap Top / 2nd / 3rd	0.35 ~ 0.50mm / 0.35 ~ 0.50mm / \emptyset	
Valve Clearance (Cold) Intake / Exhaust	\emptyset	
Oil Pressure Hot / rpm	\emptyset	
Oiling System	Premix 24:1 Using Yamalube R*	
Capacity: Dry	\emptyset	
Oil and Filter Change	\emptyset	
Oil Change	\emptyset	
Lubricant: Temp. Above 5°C (40°F)	Yamalube R*	
Temp. Below 15°C (60°F)	Yamalube R*	
Cooling System / Capacity	Liquid / 1.0 Lit.	
Coolant / Mixing Ratio	Ethyl Glycol-Water / 1:1	
AUTOLUBE - Min Stroke / Color Code	\emptyset	
Minimum Output @ 200 Cycles	\emptyset	
Maximum Output @ 200 Cycles	\emptyset	
CARBURETOR - Mfr. / Type / I.D. Number	Mikuni / VM38SS / 5X5-00	
Main Jet / Pilot Jet	370 / 45	
Needle Jet / Jet Needle-Clip Position	Q-0 / 6F16-2	
Slide Cutaway or Throttle Valve	3.0	
Float Level / Fuel Level	27.0mm / \emptyset	
Idle rpm	\emptyset	
Max CO* / Max HC* / Set CO	\emptyset	
SUSPENSION		
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / 150mm With Forks Compressed / \emptyset	
Gas Pressure	0 kg/cm ²	
Spring Length Std	586mm	
Monoshock: Oil Type / Qty	Not Rebuildable	
Gas Pressure	8 kg/cm ²	
Minimum Brake Lining Thickness	Front: 2.0mm Rear: 2.0mm	
Tire Size (Nominal Pressure)	F:3.00-21 (1.0 kg/cm ²) R:5.10-18 (1.0 kg/cm ²)	
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	SAE 10W30 SE / 850cc / 900cc	
Primary Drive Type / Teeth / Ratio	Helical Gear / 63-24 / 2.625	
Secondary Drive Type / Teeth / Chain	Chain / 45-13 / DK520DS-110L	
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm	
Clutch Spring Length Std ~ Min	36.4 ~ 35.4mm	
Middle Gear Case Capacity	\emptyset	
Final Gear Case Capacity	\emptyset	
Gear Case Lubricant: Temp. Above 5°C (40°F)	\emptyset	
Temp. Below 15°C (60°F)	\emptyset	
All Weather Conditions	\emptyset	

