## YZ60H 1981 SERVICE DATA

MODEL - IBM I.D. NUMBER	YZ60H 4V0
Initial Engine Number / Frame Number	4V0-000101 / 4V0-000101
Basic Color(s)	Competition Yellow
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Premium / 3.0 Lit. (0.8 Gal.) / Ø
Dry Vehicle Weight	57 kg (114 lbs.)
ENGINE TYPE	2-Stroke, Air-Cooled, Reed Valve
Bore/Stroke/Number Cylinders/Displacement (cc)	42mm / 42mm / 1 / 58cc
Compression Ratio/Compression Pressure Min~Max	7.6:1 / Ø
Piston Skirt Clearance New / Max	0.055 ~ 0.060mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / Ø
Valve Clearance (Cold) Intake / Exhaust	Ø
Oil Pressure Hot / rpm	Ø
Oiling System	Premix (20:1 Using Yamalube R*)
Capacity: Dry	Ø
Oil and Filter Change	Ø
Oil Change	Ø
Lubricant: Temp. Above 5°C (40°F)	Yamalube R*
Temp. Below 15°C (60°F)	Yamalube R*
AUTOLUBE - Min Stroke / Color Code	Ø
Minimum Output @ 200 Cycles	Ø
Maximum Output @ 200 Cycles	h Øduros com
CARBURETOR - Mfr. / Type / I.D. Number	Mikuni / VM24SS / 4V0-00
Main Jet / Pilot Jet	200 / 30
Needle Jet / Jet Needle-Clip Position	0.4 / 4G6-3
Slide Cutaway or Throttle Valve	2.0
Float Level / Fuel Level	21mm ± 1.0mm / NA
Idle rpm	Ø
Max CO <sup>o</sup> / Max HC <sup>o</sup> / Set CO	Ø
SUSPENSION	
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / 160mm / NA
Gas Pressure	Ø
Spring Length Std	466.5mm
Monoshock: Oil Type / Qty	Not Rebuildable
Gas Pressure	16 kg/cm²
Minimum Brake Lining Thickness	Front: 3mm Rear: 3mm
Tire Size (Nominal Pressure)	F:2.50-14-4PR (psi Opt.) R:3.00-12-4PR (psi Opt.
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	SAE 10W30 / 650 / 600
Primary Drive Type / Teeth / Ratio	Helical Gear / 68-19 / 3.578 .
Secondary Drive Type / Teeth / Chain	Chain / 42-12 / DK420-98L
Clutch Friction Plate Thickness Std ∼ Min	3.0 ∼ 2.7mm
Clutch Spring Length Std ∼ Min	30.1 ∼ 29.1mm
Middle Gear Case Capacity	Ø
Final Gear Case Capacity	Ø
Gear Case Lubricant: Temp. Above 5°C (40°F)	Ø
Temp. Below 15°C (60°F)	Ø
All Weather Conditions	Ø

CHARGING SYSTEM	Flywheel Magneto
Battery: Model / Specific Gravity / Charge Rate	Ø
Maximum Output	Ø
TROUBLESHOOTING	
Field Coil Color Code / Q	Ø
Charge Coil Color Code / Ω	Ø
IGNITION SYSTEM	Capacitor-Discharge Ignition
Ignition Timing	1 ± 0.15mm BTDC
	18° @ 10,000 rpm
Spark Plug Type	Champion N-2
Spark Plug Gap / Torque / Cap Ω	0.7mm / 2.5 m-kg / 0 Ω
Point Gap / Condenser Capacitance	Ø/Ø
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Q / Secondary Q	6mm / 1.0 Ω ± 15% / 5.9K Ω ± 15%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red ~ Blk / 12.0 Q ± 10%
Source Coil Color Code / Q	Brn-Blk / 420 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	Ø
TROUBLESHOOTING	anka malama a area
Lighting Coil Color Code / Ω	Ø
TORQUE VALUES	
Front Axle Nut	10 x 1.25: 3.5 m-kg
Front Axle Holder Nut	Ø
Rear Axle Nut	12 x 1.25: 4.5 m-kg
Rear Axle Pinch Bolt	Ø
Clutch Nut	12 x 1.0: 5.0 m-kg
Drain Plug	12 x 1.25: 2.0 m-kg
Cylinder Head Cover	Ø
Cylinder Head:	8 x 1.25: 2.4 m-kg
Engine Mounting Bolts: Front, Upper	8 x 1.25: 2.45 m-kg
Front, Lower	8 x 1.25: 2.45 m-kg

Ø = Does Not Apply To This Model
NA = Information Not Available

<sup>\*</sup>Available From Yamaha Parts Distributors Inc.

For Diagnostic Use Only