

# IT490L

## 1984 SERVICE DATA

<b>MODEL - IBM I.D. NUMBER</b>	IT490L	26A
Initial Engine Number / Frame Number	26A-100101 / JYA26A00( )EA100101	
Fuel Type / Total Fuel Tank Capacity / Reserve Cap.	Premium / 13.5 Lit / $\emptyset$	

<b>ENGINE TYPE</b>	2-Stroke, Reed Valve
Bore / Stroke / Number Cylinders / Displacement	87mm / 82mm / 1 / 487cc
Compression Ratio / Pressure Min ~ Max	6.7:1 / NA
Piston Skirt Clearance New / Max	0.070 ~ 0.075mm / 0.10mm
Ring End Gap Top / 2nd / 3rd	0.35 ~ 0.50mm / 0.35 ~ 0.50mm / $\emptyset$
Valve Clearance (Cold) Intake / Exhaust	$\emptyset$
Oiling System	Premix (24:1 Using Yamalube R*)
Capacity: Dry	$\emptyset$
Oil and Filter Change	$\emptyset$
Oil Change Only	$\emptyset$
Lubricant: Temp Above 5°C (40°F)	Yamalube R*
Temp Below 15°C (60°F)	Yamalube R*
Cooling System / Capacity	Air / $\emptyset$
Coolant Type / Mixing Ratio	$\emptyset$ / $\emptyset$

<b>AUTOLUBE - Min Stroke / Color Code</b>	$\emptyset$
Minimum Output @ 200 Cycles	$\emptyset$
Maximum Output @ 200 Cycles	$\emptyset$

<b>CARBURETOR - Manufacturer / Type / I.D. Number</b>	Mikuni / VM38SS / 4V6-10
Main Jet / Pilot Jet / Pilot Screw (Turns Out)	390 / 40 / 1-3/8
Needle Jet / Jet Needle-Clip Position	Q-2 / 6F39-4
Slide Cutaway	2.0
Float Level / Fuel Level	27mm / NA
Idle rpm	Rider's Preference
Max CO <sub>2</sub> / Max HC <sub>2</sub> / Set CO	$\emptyset$

<b>SUSPENSION -</b>	
Front: Inner Tube Diameter	43mm
Oil Type / Level / Qty	10 Wt. Fork Oil* / 170mm / 578cc
Gas Pressure Min ~ Max / Standard	0 ~ 1.2kg/cm <sup>2</sup> / 0 kg/cm <sup>2</sup>
Spring Length Standard	529mm
Rear: Gas Pressure Min ~ Max / Standard	12 ~ 20 kg/cm <sup>2</sup> / 15 kg/cm <sup>2</sup>
Minimum Brake Lining Thickness Front / Rear	2.0mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.00-21 (Variable) / 150/80-18 (Variable)

<b>TRANSMISSION - Oil Type / Qty Change / Qty Dry</b>	SAE 10W30 SE or SF / 750cc / 800cc
Secondary Drive Type / Teeth / Chain	Chain / 44-14 / DK520VS-110L
Middle Gear Case Capacity	$\emptyset$
Final Gear Case Capacity	$\emptyset$
Gear Case Lubricant	$\emptyset$

SERVICE COPY	SER MGR	MECH	MECH	MECH	BINDER
OFFICE COPY	GEN MGR	SALES	PARTS	BINDER	PAGE 1 OF 2