

## RD400-F

MODEL - IBM I.D. NUMBER	RD400F (3J7)
Initial Frame Number	3J7-000101
Basic Color(s)	New Pearl White
ENGINE TYPE -	2-Stroke, Air-Cooled, Reed Valve
Bore x Stroke (mm)/Cylinder(s)/Displacement (cc):	64 x 62 / 2 / 398
Compression Ratio:	6.0:1
Piston Skirt Clearance: new/max. (mm):	0.035 - 0.040 / 0.1
Ring End Gap: top/2nd/3rd (mm):	0.2 - 0.4 / same / Ø
Valve Clearance (cold) Intake/Exhaust (mm):	Ø
Oil Tank or Engine Sump Capacity (cc):	1600 / Yamalube 2
AUTOLUBE - Min. Stroke (mm)/Color code:	0.20 - 0.25 / Pink
Pulley Adjust Mark:	☒ - at full open
CARBURETOR - Mfr./Type/I.D. Number:	MIKUNI / VM 28 SS / 2R900
Main Jet/Pilot Jet:	145 / 25
Needle Jet/Jet Needle-Clip Position:	0-8 / 5J6-3
Slide Cutaway or Throttle Valve:	2.5
Float Height or Float Arm Height (mm):	21 ± 1
Mixture Screw - Turns out/Idle rpm:	Preset / 1100 - 1200 rpm
TRANSMISSION - Oil type/Qty chg/Qty reassemb. (cc):	SAE 10W30 / 1500 / 1700
Speed/Secondary-Teeth/Chain/Chain Free Play (mm):	6-Speed / 38-17 / DID 50 DS-96 L / 30
CHASSIS - Fuel Tank (ℓ)/Type of Gasoline:	16.5 / Regular or unleaded
Front Forks: Oil Qty (cc)/Type/Air Pressure:	164 / 10 or 20 wt Fork Oil / Ø
Rear Shocks:	Spring, oil damper
Tire size (normal pressure - kg/cm <sup>2</sup> ) (F/R):	3.25S-18 (1.8) / 3.50S-18 (2.0)
ELECTRICAL - System/Type:	NIPPON DENSO / CDI
Maximum Output:	14 V 13.5 A @ 5000 rpm
Field Coil Color Code/Ω:	Ø
Charging Coil Color Code/Ω:	Wht - Wht (U-V,U-W): 0.45 ± 10% (V-W) 0.50 ± 10%
Source Coil Color Code/Ω:	High: Red - Brn 5.1 ± 10%, Low: Brn - Blk 271 ± 10%
Lighting Coil Color Code/Ω:	Ø
Pulse Coil or Pickup Coil Color Code/Ω:	Wht-Red - Blk 87 ± 10%
Ignition Coil test gap (mm)/Primary Ω/Secondary Ω:	6 / 0.33 ± 10% / 3.5K ± 20%
Battery - model/spec. grav./chg rate x hour:	FB or YUASA 12 N 5.5A-38 / 1.280 / 0.5 A x 10 hr
Headlight/Taillight/Signal Rating:	12 V 50/ 35W / 12 V 27-8W x 2 / 12 V 27W
Point Gap (mm)/Condenser Capacitance:	Ø
Spark Plug Type/Gap (mm):	NGK 8-9ES / 0.7 - 0.8
Timing Static : BTDC:	2.0 mm
Dynamic:	fixed

Ø = Does Not Apply To This Model