

1. Service data

Specifications

Item	Specification
Dimensions	
Overall length	2,035 mm
Overall width	835 mm
Overall height	1,160 mm
Wheelbase	1,335 mm
Seat height	910 mm
Ground clearance	330 mm
Frame	
Type	Aluminium twin tube
Front suspension	Telescopic
Rear suspension	Swingarm PRO-LINK
Front tire	DUNLOP D803FGP (80/100-21 M/C 51M) MICHELIN TRIAL COMPETITION (2.75-21 M/C 45L) / (2.75-21 M/C 45M) *
Rear tire	DUNLOP D803GP (120/100R18 M/C 68M) MICHELIN TRIAL COMPETITION X11 (4.00 R18 M/C 64L) / (4.00 R18 M/C 64M) *
Front brake, diameter	Single disc, 185 mm
Rear brake, diameter	Single disc, 185 mm
Fuel capacity	4.2 litres
Caster angle	24° 34'
Engine	
Type	Liquid cooled 4-stroke engine
Cylinder arrangement	Single cylinder, 3.5° inclined from vertical
Bore and stroke	78.0 x 54.2 mm
Displacement	259 cm ³
Compression ratio	10.5 : 1
Valve timing	9° BTDC (at 1.0 mm lift)
Intake valve opens	27° ABDC
Intake valve closes	37° BBDC
Exhaust valve opens	5° ATDC
Exhaust valve closes	
Lubrication system	Forced pressure and wet sump
Starting system	Primary kickstarter

Item	Specification	
Fuel System		
Type	PGM-FI	
Identification number	GOPMA	
Throttle bore	28 mm	
Drive Train		
Clutch operating system	Hydraulic operated	
Clutch type	Wet, multi-plate	
Transmission	5 speed constant mesh	
Primary reduction	3.167 (57/18T)	
Gear ratio	1st	2.385 (31/13T)
	2nd	1.933 (29/15T)
	3rd	1.500 (27/18T)
	4th	1.130 (26/23T)
	5th	0.815 (22/27T)
Final reduction	4.100 (41/10T)	
Gearshift pattern	1 - N - 2 - 3 - 4 - 5	
Electrical		
Alternator	Triple phase output alternator	
Ignition system	PGM-IGN	
Regulator type	SCR shorted/triple phase, full wave rectification	

* Minimum speed rating "L"