

2. Service data

Specifications

Item	Specification
Dimensions	
Overall length	2,020 mm
Overall width	840 mm
Overall height	1,135 mm
Wheelbase	1,320 mm
Seat height	679 mm
Ground clearance	300 mm
Frame	
Type	Aluminium twin tube
Front suspension	Telescopic
Rear suspension	Swingarm PRO-LINK
Front tire	MICHELIN TRIAL COMPETITION (2,75-21 M/C 45L) DUNLOP D803FGP (80/100-21 M/C 51M)
Rear tire	MICHELIN TRIAL COMPETITION X11 (4,00 R18 M/C 64L) DUNLOP D803GP (120/100R18 M/C 68M)
Front brake, diameter	Single disc, 183 mm
Rear brake, diameter	Single disc, 150 mm
Fuel capacity	1.8 litres (2ED) 1.9 litres (4ED)
Caster angle	24° 34'
Trail length	63 mm
Engine	
Type	Liquid cooled 4-stroke engine
Cylinder arrangement	Single cylinder, 3.5° inclined from vertical
Bore and stroke	80.0 x 57.2 mm
Displacement	288 cm ³
Compression ratio	10.4 : 1
Valve timing	9° BTDC 27° ABDC 37° BBDC 5° ATDC
Intake valve opens	<p>(at 1.0 mm lift)</p>
Intake valve closes	
Exhaust valve opens	
Exhaust valve closes	
Lubrication system	Forced pressure and wet sump
Starting system	Primary kickstarter

Item	Specification
Fuel System	
Type	PGM-FI
Identification number	GQFPB (2ED) GQPFC (4ED)
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 2.800 (42/15T) 2nd 2.385 (31/13T) 3rd 2.000 (30/15T) 4th 1.273 (28/22T) 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