

## 2. Service data

### Specifications

Item	Specification
<b>Dimensions</b>	
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
<b>Frame</b>	
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
<b>Engine</b>	
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 <sup>3</sup>
Compression ratio	10.4 : 1
Valve timing	
Intake valve opens	9° BTDC
Intake valve closes	27° ABDC
Exhaust valve opens	37° BBDC
Exhaust valve closes	5° ATDC
Lubrication system	Forced pressure and wet sump
Starting system	Primary kickstarter

Item	Specification
<b>Fuel System</b>	
Type	PGM-FI
Identification number	GQFPB (2ED) GQPFC (4ED)
Throttle bore	28 mm
<b>Drive Train</b>	
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
<b>Electrical</b>	
Alternator	Triple phase output alternator
Ignition system	PGM-IGN
Regulator type	SCR shorted/triple phase, full wave rectification