

# Specifications

## ■ Major components

Model	MT04 (4RIDE)
Overall length	2035 mm (80.1 in)
Overall width	835 mm (32.8 in)
Overall height	1160 mm (45.6 in)
Wheelbase	1335 mm (52.5 in)
Minimum free distance from the ground	330 mm (12.9 in)
Caster angle	24° 34'
Dry weight of the vehicle	82 kg (180.8 lbs)
Kerb weight	87 kg (191.8 lbs)
Maximum load <sup>*1</sup>	180 kg (396.8 lbs)
Maximum luggage capacity (compartment)	2.5 kg (5.5 lbs)
Passenger capacity	Rider (single)

\*1 Including the rider, all the luggage and accessories.

Displacement	259 cm <sup>3</sup>
Bore and stroke	78.0 x 54.2 mm (3.07 x 2.13 in)
Compression ratio	10.5/1
Fuel	Unleaded petrol Recommended: RON 91 or higher
Fuel / Capacity	4.4 litres (1.16 US gal, 0.97 Imp. gal)
	1st 2,385
	2nd 1,933
Speed ratio	3rd 1,500
	4th 1,130
	5th 0,815
Reduction ratio (primary / final)	3,167 / 4,100

## Specifications

### ■ Service Data

Tyre size (Dunlop)	Front	80/100-21 M/C 51 M
	Rear	120/100 R18 M/C 68 M
Tyre size (Michelin)	Front	2,75-21 M/C 45 L
	Rear	4.00 R18 M/C 64L
Tyre type	Front	Inner tube
	Rear	Tubeless
Recommended tyres (Dunlop)	Front	D803FGP
	Rear	D803GP
Recommended tyres (Michelin)	Front	TRIAL COMPETITION
	Rear	TRIAL COMPETITION X11
Tyre pressure (road)	Front	100 kPa (1,02 kgf/cm <sup>2</sup> )
	Rear	100 kPa (1,02 kgf/cm <sup>2</sup> )
Tyre pressure (off road)	Front	70 kPa (0,7 kgf/cm <sup>2</sup> )
	Rear	60 kPa (0,6 kgf/cm <sup>2</sup> )
Minimum tread depth	Front	3.0 mm (0.12 in)
	Rear	3.0 mm (0.12 in)
Spark Plug	(standard)	CR6EH-9 (NGK)

Spark plug gap	(not adjustable)	0,80 a 0,90 mm
Idle Speed:	1800 ± 100 r.p.m.	
Recommended engine oil	Motorcycle oil - 4-stroke Repsol 4T SAE 10W30 or equivalent	
Specified transmission oil	ELF HTX 740	
Engine oil capacity	After draining	0.41 litres (0.86 US gal, 0.72 Imp. gal)
	After draining and filter replacement	0.44 litres (0.93 US gal, 0.77 Imp. gal)
	After disassembly	0.60 litres (1.26 US gal, 1.05 Imp. gal)
Transmission oil capacity	After draining	0.54 litres (1.14 US gal, 0.95 Imp. gal)
	After disassembly	0.57 litres (1.20 US gal, 1.00 Imp. gal)
Recommended brake and clutch fluid	DOT 4	
Cooling system capacity	After draining	0.50 litres (1.06 US gal, 0.87 Imp. gal)
	After disassembly	0.59 litres (1.25 US gal, 1.04 Imp. gal)
Recommended coolant	50 / 50 Mixture of coolant and distilled water	

## Specifications

Recommended drive chain lubricant	Drive chain lubricant	
Drive chain slack	25 to 35 mm	
Standard drive chain	Regina #520	
	No. of links	100
Standard sprocket sizes	Engine sprocket	10 teeth
	Rear wheel sprocket	41 teeth

### ■ Bulbs

Front headlight	12V-35/35W
Brake light / rear lamp	LED
Front turn signals	12V-10W × 2
Rear turn signals	12V-10W × 2
Position light	12V-5W
License light	12V-5W

### ■ Torque specifications

Engine oil drain bolt	22 N·m (2,2 kgf·m)
Transmission oil drain bolt	22 N·m (2,2 kgf·m)
Air cleaner cover bolts	10 N·m (1,0 kgf·m)
Front wheel axle	69 N·m (7,0 kgf·m)
Front wheel axle bolt	21 N·m (2,1 kgf·m)
Rear wheel axle nut	69 N·m (7,0 kgf·m)