

## Service data

Unit: mm (in)

Item	Standard	Service Limit
<b>Wheels/Tires</b>		
Axle runout		0.20 (0.008)
Cold tyre pressure: For road use Off Road use only	100 kPa (1.02 kgf/cm <sup>2</sup> ) 70 kPa (0.7 kgf/cm <sup>2</sup> ) 60 kPa (0.6 kgf/cm <sup>2</sup> )	- - -
Wheel rim runout	Radial Axial	2.0 (0.08) 2.0 (0.08)
Drive chain slack	25 – 35 (1.0 – 1.4)	-
Drive chain slider thickness		2.0 (0.08) from upper surface
<b>Front Suspension TECH</b>		
Left fork spring free length	445 (17.5)	438 (17.2)
Fork tube runout	0.35 – 0.50 (0.014 – 0.020)	0.20 (0.008)
Recommended fork fluid	OJ Racing Special Fork Oil Type 01 (SAE 5W) or equivalent	
Pre-load adjuster setting	4 ± 0.5 turns out from full soft	-
Damping adjuster setting	Tension adjuster: 16 ± 2 clicks from full hard	-
Fork oil level	Right Left	- -
Fork oil capacity	Right Left	385 cm <sup>3</sup> 375 cm <sup>3</sup>

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Item	Standard	Service Limit
<b>Rear Suspension R16V</b>		
Shock absorber spring pre-load	126 (4.96)	-
Spring free length	130 (5.1)	-
Tension adjuster setting	10 ± 2 clicks from full hard	-
<b>Brakes</b>		
Recommended brake fluid	DOT 4 brake fluid	-
Front Brake disc thickness Brake disc runout	3.5 (0.14)	2.9 (0.11) 0.15 (0.006)
Rear Brake disc thickness Brake disc runout	3.5 (0.14)	3.0 (0.12) 0.15 (0.006)
<b>Electrical</b>		
Spark plug	Standard: NGK: CR6EH-9	-
Spark plug gap	0.80 – 0.90 (0.031 – 0.035)	-
Ignition coil resistance		
Primary	2.6 -3.2 Ω (20° C)	-
Secondary with plug cap	17.3 -22.8 kΩ (20° C)	-
Secondary without plug cap	13.5 – 16.5 kΩ (20° C)	-
Ignition pulse generator		
Resistance	85 -115 Ω (20° C)	-
Alternator		
Regulated voltage	13.5 – 14.5 V/1,800 min-1 (rpm)	-
Charging coil resistance	0.7 -1.0 Ω (20° C)	-
ECT sensor resistance	2.3 -2.6 kΩ (20° C)	-
Bulbs		
Headlight	12V – 35/35W HS1	-
Position light	12V – 5W	-
Brake/tail light	6 LED DIODES	-
Turn signal light	12V – 10W X 4	-
Speedometer	12V	-