

Service data

Unit: mm (in)

Item	Standard	Service Limit
Wheels/Tires		
Axle runout		0.20 (0.008)
Tire air pressure		
For road use	100 kPa (1.01 kgf/cm ²)	-
Competition use only	39 - 44 kPa (0.40 - 0.45 kgf/cm ²)	-
	29 - 34 kPa (0.30 - 0.35 kgf/cm ²)	-
Wheel rim runout		2.0 (0.08)
Radial		2.0 (0.08)
Axial		
Drive chain slack	25 - 35 (1.0 - 1.4)	-
Drive chain slider thickness		2.0 (0.08) from upper surface
Front Suspension TECH		
Left fork spring free length	415 (16.3)	408 (16.0)
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	5 ± 0.5 turns out from full soft	-
Damping adjuster setting	Tension adjuster: 16 ± 2 clicks from full hard	-
Comp. Stop adjustment (left fork)	1.5 ± 0.5 turns out from full hard	-
Fork oil level		
	Right	-
	Left	-
Fork oil capacity		
	Right	260 cm ³
	Left	285 cm ³

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Item	Standard	Service Limit
Rear Suspension SHOWA		
Shock absorber spring pre-load	126.5 (4.98)	-
Spring free length	133 (5.2)	130.3 (5.13)
Nitrogen gas pressure	1.27 - 1.47 Mpa (13 - 15 kgf/cm ²)	-
Tension adjuster setting	10 ± 2 clicks from full hard	-
Brakes		
Recommended brake fluid	DOT 4 brake fluid	-
Front		
Brake disc thickness	3.5 (0.14)	3.0 (0.12)
Brake disc runout	-	0.15 (0.006)
Rear		
Brake disc thickness	2.5 (0.10)	2.0 (0.08)
Brake disc runout	-	0.15 (0.006)
Electrical		
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 - 35/35 W	-
Position light	12V - 4 W	-
Brake/tail light	12V - 21/5 W	-
Turn signal light	12V - 10 W X 4	-
Speedometer	12V	-