

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 | TECH OJ 01 | |
| Pre-load adjuster setting | 5 ± 0.5 turns out from full soft | - |
| Damping adjuster setting | Tension adjuster: 20 ± 2 clicks from full hard | - |
| Comp. Stop adjustment (left fork) | 1.5 ± 0.5 turns out from full hard | - |
| Fork oil level | | |
| Right | 70 (2.7) | - |
| Left | 125 (4.9) | - |
| Fork oil capacity | | |
| Right | 260 cm ³ | - |
| Left | 285 cm ³ | - |

Unit: mm (in)

| 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 | - |