

3. MAINTENANCE

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SERVICE INFORMATION

SPECIFICATIONS

ENGINE

Ignition timing	Initial	10° BTDC
	Full advance	30° BTDC
Spark plug	Spark plug gap	0.6–0.7 mm (0.024–0.028 in)
	Recommended spark plugs	NGK DR8ES–L ND X24ESR-U
Valve clearance	IN	0.08 mm (0.003 in)
	EX	0.08 mm (0.003 in)
Throttle lever free play		3–8 mm (1/8–5/16 in)
Idle speed		1,400 ± 100 rpm
Cylinder compression		1,250 ± 100 kPa (12.5 ± 1.0 kg/cm ² , 178 ± 14.2 psi)
Decompressor cam follower shaft arm free play		0.5–1.5 mm (1/14 in)

CHASSIS

Drive chain slack	35–45 mm (1-3/8–1-3/4 in)
Drive chain slider wear limit	6 mm (0.24 in)
Parking brake lever free play	31–39 mm (1-3/16–1-1/2 in)
Clutch lever free play	10–20 mm (3/8–3/4 in)
Front tire size, pressure	23.5 x 8–11, 28 kPa (0.28 kg/cm ² , 4.0 psi)
Rear tire size, pressure	22.0 x 10–9, 21 kPa (0.21 kg/cm ² , 3.0 psi)
Front tire circumference	1,901 mm (74.8 in)
Rear tire circumference	1,734 mm (68.3 in)
Front suspension air pressure	0 kPa (0 kg/cm ² , 0 psi)

TORQUE VALUES

Fuel strainer cup	3–5 N·m (0.3–0.5 kg-m, 2.2–3.6 ft-lb)
Drive chain adjuster lock bolts	'85: 13–18 N·m (1.3–1.8 kg-m, 9–13 ft-lb) After '85: 18–25 N·m (1.8–2.5 kg-m, 13–18 ft-lb)
Valve adjusting lock nuts	15–18 N·m (1.5–1.8 kg-m, 11–13 ft-lb)
Parking brake adjusting lock nut	15–20 N·m (1.5–2.0 kg-m, 11–15 ft-lb)

TOOLS

Common

Valve adjusting wrench, 10 x 12 mm	07708–0030200 or equivalent commercially available in U.S.A.
Valve adjuster	07708–0030400 or 89201–200–000 (U.S.A. only)