

FRONT WHEEL/SUSPENSION/STEERING

SERVICE INFORMATION	12-1	FRONT WHEEL	12-6
TROUBLESHOOTING	12-2	FORK	12-11
HANDLEBAR	12-3	STEERING STEM	12-18

SERVICE INFORMATION

GENERAL

- A work stand or box is required to support the motorcycle.

SPECIFICATIONS

ITEMS		STANDARD	SERVICE LIMIT
Axle runout		—	0.2 mm (0.01 in)
Front wheel rim runout	Radial	—	2.0 mm (0.08 in)
	Axial	—	2.0 mm (0.08 in)
Fork spring free length		A: 63.0 mm (2.480 in)	62.4 mm (2.457 in)
		B: 582.8 mm (22.945 in)	577.0 mm (22.717 in)
Fork tube runout		—	0.2 mm (0.008 in)
Fork oil level		110 mm (4.3 in)	100–130 mm (3.9–5.1 in)
Fork air pressure		0 kPa (0 kg-m ² , 0 psi)	0–100 kPa (0–1.0 kg/cm ² , 0–15 psi)
Fork oil capacity		643 cc (21.74 oz)	640.5–645.5 cc (21.66–21.83 oz)

TORQUE VALUES

Steering bearing adjustment nut	3 N·m (0.3 kg-m, 2 ft-lb)
Steering stem nut	118 N·m (11.8 kg-m, 85 ft-lb)
Fork upper pinch bolt	33 N·m (3.3 kg-m, 24 ft-lb)
Fork lower pinch bolt	33 N·m (3.3 kg-m, 24 ft-lb)
Handlebar holder	27 N·m (2.7 kg-m, 20 ft-lb)
Front axle	65 N·m (6.5 kg-m, 47 ft-lb)
Front axle holder	12 N·m (1.2 kg-m, 9 ft-lb)
Fork cap	23 N·m (2.3 kg-m, 16 ft-lb)
Spokes	4 N·m (0.4 kg-m, 3 ft-lb)
Rim lock	13 N·m (1.3 kg-m, 9 ft-lb)
Brake disc	15 N·m (1.5 kg-m, 11 ft-lb)
Fork bottom bolt	35 N·m (3.5 kg-m, 25 ft-lb)
Throttle pulley pivot screw	4.3 N·m (0.43 kg-m, 3 ft-lb)