

13. FRONT WHEEL/SUSPENSION/STEERING

SERVICE INFORMATION	13-1	FRONT WHEEL	13-9
TROUBLESHOOTING	13-2	FORK	13-16
HANDLEBARS	13-3	STEERING STEM	13-27

SERVICE INFORMATION

GENERAL

▲WARNING

- A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean a contaminated disc with a high quality brake degreasing agent.
- After the front wheel installation, check the brake operation by applying the brake lever and pedal.

- When servicing the front wheel, fork or steering stem, support the motorcycle using a safety stand or hoist.
- Refer to section 15 for brake system information.
- Use only tires marked "TUBELESS" and tubeless valves on rim marked "TUBELESS TIRE APPLICABLE".

SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		_____	1.5 (0.06)
Cold tire pressure	Driver only	290 kPa (2.90 kgf/cm ² , 42 psi)	_____
	Driver and passenger	290 kPa (2.90 kgf/cm ² , 42 psi)	_____
Axle runout		_____	0.20 (0.008)
Wheel rim runout	Radial	_____	2.0 (0.08)
	Axial	_____	2.0 (0.08)
Fork	Spring free length	232.9 (9.17)	228.2 (8.98)
	Spring direction	With the tapered end facing down	
	Tube runout	_____	0.20 (0.008)
	Recommended fork fluid	Fork fluid	
	Fluid level	142 (5.6)	
Fluid capacity		483 ± 2.5 cm ³ (16.3 ± 0.08 US oz, 17.0 ± 0.09 Imp oz)	
Steering head bearing pre-load		10–15 N (1.0–1.5 kgf)	

13

TORQUE VALUES

Handlebar pinch bolt	26 N·m (2.7 kgf·m, 20 lbf·ft)	
Handlebar weight mounting screw	10 N·m (1.0 kgf·m, 7 lbf·ft)	ALOC bolt
Steering stem nut	103 N·m (10.5 kgf·m, 76 lbf·ft)	See page 13-31
Steering stem bearing adjusting nut A	25 N·m (2.5 kgf·m, 18 lbf·ft)	
Steering stem bearing adjusting nut B	_____	
Fork top bridge pinch bolt	23 N·m (2.3 kgf·m, 17 lbf·ft)	
Fork bottom bridge pinch bolt	49 N·m (5.0 kgf·m, 36 lbf·ft)	
Front axle bolt	59 N·m (6.0 kgf·m, 43 lbf·ft)	
Front axle holder bolt	22 N·m (2.2 kgf·m, 16 lbf·ft)	
Front brake disc mounting bolt	20 N·m (2.0 kgf·m, 14 lbf·ft)	ALOC bolt
Fork cap	23 N·m (2.3 kgf·m, 17 lbf·ft)	
Fork socket bolt	20 N·m (2.0 kgf·m, 14 lbf·ft)	Apply a locking agent to the threads
Fork damper lock nut	20 N·m (2.0 kgf·m, 14 lbf·ft)	