

# 14. FRONT WHEEL/SUSPENSION/STEERING

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## 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.*

- This section covers maintenance of the front wheel, fork and steering stem. Refer to section 16 for front (hydraulic) brake service.
- Support the motorcycle securely using a hoist or work stand.

### SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		—	To the indicator
Cold tire pressure	Driver only	200 kPa (2.00 kgf/cm <sup>2</sup> , 29 psi)	—
	Driver and passenger	200 kPa (2.00 kgf/cm <sup>2</sup> , 29 psi)	—
Axle runout		—	0.20 (0.008)
Wheel rim runout	Radial	—	2.0 (0.08)
	Axial	—	2.0 (0.08)
Wheel balancer weight		—	60 g (2.1 oz) max.
Fork	Spring free length	412.4 (16.24)	404.1 (15.91)
	Spring direction	With the tightly wound end facing down	—
	Pipe runout	—	0.20 (0.008)
	Recommended fork fluid	Honda Ultra Cushion oil No.10	—
	Fluid level	131 (5.2)	—
Fluid capacity		206 ± 2.5 cm <sup>3</sup> (7.0 ± 0.08 US oz, 7.3 ± 0.09 Imp oz)	—

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### TORQUE VALUES

Front axle nut	59 N·m (6.0 kgf·m, 43 lbf·ft)	U-nut
Front brake disc bolt	42 N·m (4.3 kgf·m, 31 lbf·ft)	ALOC bolt
Fork bolt	23 N·m (2.3 kgf·m, 17 lbf·ft)	Apply a locking agent to the threads
Fork socket bolt	20 N·m (2.0 kgf·m, 14 lbf·ft)	
Steering stem nut	88 N·m (9 kgf·m, 65 lbf·ft)	
Top thread	See page 14-22	
Top bridge pinch bolt	23 N·m (2.3 kgf·m, 17 lbf·ft)	
Bottom bridge pinch bolt	26 N·m (2.7 kgf·m, 20 lbf·ft)	
Handlebar pinch bolt	27 N·m (2.8 kgf·m, 20 lbf·ft)	
Grip end screw	8.8 N·m (0.9 kgf·m, 6.5 lbf·ft)	