

## SERVICE INFORMATION

### GENERAL

- This section covers the front wheel, fork, handlebar and steering stem.
- When servicing the front wheel, fork or steering stem, support the scooter using a jack or other support.
- A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean a contaminated disc with high quality brake degreasing agent.
- After the front wheel installation, check the brake operation by applying the brake lever.
- For brake system service, refer to the following:
  - Brake fluid replacement/air bleeding (page 17-5)
  - Brake pad/disc (page 17-8)
  - Front brake master cylinder (page 17-11)
  - Brake equalizer (page 17-16)
  - Front brake caliper (page 17-20)
- Use only tires marked "TUBELESS" and tubeless valves on rim marked "TUBELESS TIRE APPLICABLE".
- When using the pin spanner, use a 25 cm (10 in) long deflecting beam type torque wrench. The pin spanner increases the torque wrench's leverage, so the torque wrench reading will be less than the torque actually applied to the steering stem adjusting nut. The specification given on this page is actual torque applied to the steering stem adjusting nut, not the reading on the torque wrench when used with the pin spanner. The procedure later in the text gives the actual and indicated torque.

### SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		–	To the indicator
Cold tire pressure	Driver only	175 kPa (1.75 kgf/cm <sup>2</sup> , 25 psi)	–
	Driver and passenger	175 kPa (1.75 kgf/cm <sup>2</sup> , 25 psi)	–
Axle runout		–	0.2 (0.01)
Wheel rim runout	Radial	–	2.0 (0.08)
	Axial	–	2.0 (0.08)
Fork	Spring free length	218.0 (8.58)	213.6 (8.41)
	Pipe runout	–	0.2 (0.01)
	Recommended fluid	Fork fluid	–
	Fluid level	52 (2.0)	–
Fluid capacity		89.0 ± 1.0 cm <sup>3</sup> (3.01 ± 0.03 US oz, 3.13 ± 0.04 Imp oz)	–

### TORQUE VALUES

Front brake disc socket bolt	42 N·m (4.3 kgf·m, 31 lbf·ft)	ALOC bolt; replace with new ones
Front axle nut	59 N·m (6.0 kgf·m, 44 lbf·ft)	U-nut
Fork socket bolt	20 N·m (2.0 kgf·m, 15 lbf·ft)	Apply locking agent to the threads
Fork pinch bolt	49 N·m (5.0 kgf·m, 36 lbf·ft)	
Fork cap bolt	23 N·m (2.3 kgf·m, 17 lbf·ft)	
Handlebar post nut	33 N·m (3.4 kgf·m, 24 lbf·ft)	See page 15-22
Brake master cylinder holder bolt	12 N·m (1.2 kgf·m, 9 lbf·ft)	
Steering stem lock nut	See page 15-26	
Steering stem adjusting nut	See page 15-26	