

11. FRONT WHEEL/BRAKE/ SUSPENSION/STEERING

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SERVICE INFORMATION

GENERAL

- This section covers maintenance of the front wheel, front fork, front brake and steering system.
- A jack or other support is required to support the ATC.

SPECIFICATIONS

ITEM		STANDARD	SERVICE LIMIT
Front axle runout		—	0.5 mm (0.02 in)
Front brake drum I.D.		140 mm (5.5 in)	141 mm (5.6 in)
Front brake lining thickness		4 mm (0.2 in)	2 mm (0.1 in)
Front fork spring free length	A	100.1 mm (3.94 in)	98 mm (3.8 in)
	B	418.3 mm (16.47 in)	410 mm (16.1 in)
Front fork tube runout		—	0.20 mm (0.008 in)

TORQUE VALUES

Handlebar upper holder bolt	18–30 N·m (1.8–3.0 kg·m, 13–22 ft·lb)
Bearing adjustment nut	(Initial) 25–35 N·m (2.5–3.5 kg·m, 18–25 ft·lb)
	(Final) 7–8 N·m (0.7–0.8 kg·m, 5–6 ft·lb)
Steering stem nut	70–100 N·m (7.0–10.0 kg·m, 51–72 ft·lb)
Front wheel nut	'85: 50–60 N·m (5.0–6.0 kg·m, 36–43 ft·lb)
	After '85: 60–70 N·m (6.0–7.0 kg·m, 43–51 ft·lb)
Front axle	70–110 N·m (7.0–11.0 kg·m, 51–80 ft·lb)
Front axle holder nut	10–14 N·m (1.0–1.4 kg·m, 7–10 ft·lb)
Fork pinch bolt	30–35 N·m (3.0–3.5 kg·m, 22–25 ft·lb)
Front fork socket bolt	15–25 N·m (1.5–2.5 kg·m, 11–18 ft·lb)