

11. FRONT WHEEL/SUSPENSION/ BRAKE/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.		110 mm (4.3 in)	111 mm (4.4 in)
Front brake lining thickness		4 mm (0.2 in)	2 mm (0.1 in)
Front wheel bearing play	Radial	—————	0.05 mm (0.002 in)
	Axial	—————	0.10 mm (0.004 in)
Front fork spring free length	Spring A	76.9–82.9 mm (3.03–3.26 in)	76.1 mm (3.00 in)
	Spring B	232.7–238.7 mm (9.16–9.40 in)	230.3 mm (9.07 in)

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TORQUE VALUES

Handlebar upper holder bolt	8 mm	18–30 N·m (1.8–3.0 kg-m, 13–22 ft-lb)
Handlebar lower holder nut	10 mm	40–48 N·m (4.0–4.8 kg-m, 29–35 ft-lb)
Fork top bridge bolt	12 mm	50–70 N·m (5.0–7.0 kg-m, 36–51 ft-lb)
Steering stem nut	22 mm	50–70 N·m (5.0–7.0 kg-m, 36–51 ft-lb)
Front axle	14 mm	70–110 N·m (7.0–11.0 kg-m, 51–80 ft-lb)
Front wheel hub nut	8 mm	20–25 N·m (2.0–2.5 kg-m, 14–18 ft-lb)
Front fork socket bolt	8 mm	15–25 N·m (1.5–2.5 kg-m, 11–18 ft-lb)
Front fork mounting bolt	10 mm	40–50 N·m (4.0–5.0 kg-m, 29–36 ft-lb)
Front axle holder nut	6 mm	10–14 N·m (1.0–1.4 kg-m, 7–10 ft-lb)