

15. FRONT WHEEL/SUSPENSION

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SERVICE INFORMATION

GENERAL

- A jack or other support is required to support the motorcycle.
- Never ride on the rim.

SPECIFICATIONS

		STANDARD	SERVICE LIMIT
Axle shaft runout		—	0.2 mm (0.01 in)
Front wheel rim runout	Radial	0.3 mm (0.01 in) max.	2.0 mm (0.08 in)
	Axial	0.3 mm (0.01 in) max.	2.0 mm (0.08 in)
Wheel bearing play		—	0.03 mm (0.001 in)
Fork spring free length		465.6 mm (18.33 in)	456.3 mm (18.0 in)
Fork tube runout		—	0.2 mm (0.01 in)
Front fork fluid capacity		467.5–472.5 cc (15.82–15.99 ozs)	—
Front fork air pressure		0–6 psi (0–40 kPa, 0–0.4 kg/cm ²)	—

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TORQUE VALUES

Handlebar upper holder	20–30 N·m (2.0–3.0 kg-m, 14–22 ft-lb)
Caliper mounting bolt	30–40 N·m (3.0–4.0 kg-m, 22–29 ft-lb)
Front axle	55–65 N·m (5.5–6.5 kg-m, 40–47 ft-lb)
Axle pinch bolt	18–28 N·m (1.8–2.8 kg-m, 13–20 ft-lb)
Front fork socket bolt	15–25 N·m (1.5–2.5 kg-m, 11–18 ft-lb)
Fork tube cap	15–30 N·m (1.5–3.0 kg-m, 11–22 ft-lb)
Steering stem nut	80–120 N·m (8.0–12.0 kg-m, 58–87 lb-ft)
Brake disc	35–40 N·m (3.5–4.0 kg-m, 25–29 ft-lb)
Front fork top pinch bolt	9–13 N·m (0.9–1.3 kg-m, 7–9 ft-lb)
Front fork bottom pinch bolt	45–55 N·m (4.5–5.5 kg-m, 33–40 ft-lb)
Front fork brace socket bolt	18–28 N·m (1.8–2.8 kg-m, 13–20 ft-lb)