

16. REAR WHEEL/SUSPENSION/BRAKE

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SERVICE INFORMATION

GENERAL

- The rear wheel uses a tubeless tire. For tubeless tire repairs, refer to the Tubeless Tire Manual.
- Never ride on the rim.

SPECIFICATIONS

		STANDARD	SERVICE LIMIT
Axle runout		—	0.2 mm (0.01 in)
Rear wheel rim runout	Radial	—	2.0 mm (0.08 in)
	Axial	—	2.0 mm (0.08 in)
Wheel bearing play		—	0.03 mm (0.001 in)
Shock absorber spring free length		223.8 mm (8.81 in)	211 mm (8.3 in)
Brake drum I.D.		160.0–160.3 mm (6.30–6.31 in)	161 mm (6.34 in)
Rear brake lining thickness		4.9–5.0 mm (0.19–0.20 in)	2.0 mm (0.08 in)

TORQUE VALUES

Rear axle nut	60–80 N·m (6.0–8.0 kg-m, 43–58 ft-lb)
Brake torque link bolt	15–25 N·m (1.5–2.5 kg-m, 11–18 ft-lb)
Axle pinch bolt	20–30 N·m (2.0–3.0 kg-m, 14–22 ft-lb)
Brake arm	24–30 N·m (2.4–3.0 kg-m, 17–22 ft-lb)
Shock absorber mount bolt	30–40 N·m (3.0–4.0 kg-m, 22–29 ft-lb)
Final driven flange	50–60 N·m (5.0–6.0 kg-m, 36–43 ft-lb)
Swingarm left pivot bolt	100–130 N·m (10.0–13.0 kg-m, 72–94 ft-lb)
Swingarm right pivot bolt	10–14 N·m (1.0–1.4 kg-m, 7–10 ft-lb)
Swingarm pivot lock nut	100–130 N·m (10.0–13.0 kg-m, 72–94 ft-lb)

TOOLS

Special

Shock absorber compressor attachment	07959-MB10000
Swingarm pivot lock nut wrench	07908-ME90000
Socket bit, 10 mm	07917-3710000
Swingarm bearing remover	07936-4150000
Slide hammer handle	07936-3710100

Commercially available in U.S.A. or 07936-3710500

Common

Driver	07749-0010000
Attachment, 42 x 47 mm	07746-0010300
Pilot, 17 mm	07746-0040400
Attachment, 32 x 35 mm	07746-0010100
Shock absorber compressor	07959-3290001
Wheel bearing remover collet, 17 mm	07746-0050500
Wheel bearing remover expander	07746-0050100
Remover weight	07741-0010201

or 07936-3710200