

12. REAR WHEEL/BRAKE/ DRIVE MECHANISM

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SERVICE INFORMATION

GENERAL

- This section covers maintenance of the rear wheel and drive mechanism.
- A jack or block is required to support the ATC.

SPECIFICATIONS

ITEM		STANDARD	SERVICE LIMIT
Rear axle runout		————	3.0 mm (0.12 in)
Rear brake drum I.D.		140 mm (5.5 in)	141 mm (5.6 in)
Rear brake lining thickness		4 mm (0.2 in)	2 mm (0.1 in)
Rear wheel bearing play	Radial	————	0.05 mm (0.002 in)
	Axial	————	0.10 mm (0.004 in)

TORQUE VALUES

Rear brake drum nut	INNER NUT	35–45 N·m (3.5–4.5 kg-m, 25–33 ft-lb)
	OUTER NUT	120–140 N·m (12–14 kg-m, 87–101 ft-lb)
Rear wheel hub nut		20–25 N·m (2.0–2.5 kg-m, 14–18 ft-lb)
Rear axle bearing holder bolt		50–70 N·m (5.0–7.0 kg-m, 36–51 ft-lb)
Drive chain slider nut		6–9 N·m (0.6–0.9 kg-m, 4.5–7 ft-lb)
Rear axle nut		60–80 N·m (6.0–8.0 kg-m, 43–58 ft-lb)
Driven sprocket damper nut		25–30 N·m (2.5–3.0 kg-m, 18–22 ft-lb)

TOOLS

Special

Lock nut spanner, 41 mm	07916–9580200	Not available in U.S.A.
Lock nut wrench, 41 mm	07916–9580300	

Common

Attachment, 62 x 68 mm	07746–0010500
Drive	07749–0010000
Pilot, 35 mm	07746–0040800