

12. REAR WHEELS

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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.
- When using the lock nut wrench tool, use a deflecting beam type torque wrench 14–20 inches long. The lock nut wrench increases the torque wrench's leverage, so the wrench reading will be less than the torque actually applied. The torque scale reading is given with the actual torque specifications.
- For tire repair, see page 11-8.
- For tire removal, see page 11-10.

SPECIFICATIONS

ITEM		STANDARD	SERVICE LIMIT
Axle runout		—	3.0 mm (0.12 in)
Wheel rim runout	Radial	—	4.0 mm (0.16 in)
	Axial	—	4.0 mm (0.16 in)

TORQUE VALUES

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Wheel nut	60–70 N·m (6.0–7.0 kg-m, 43–51 ft-lb)
Brake disc bolts	37–43 N·m (3.7–4.3 kg-m, 27–31 ft-lb)
Axle outer lock nut	80–100 N·m (8.0–10.0 kg-m, 58–72 ft-lb) Left-hand threads
Axle inner lock nut	120–140 N·m (12.0–14.0 kg-m, 87–101 ft-lb) Left-hand threads
Brake caliper bracket bolts	20–30 N·m (2.0–3.0 kg-m, 15–22 ft-lb)
Driven sprocket bolts	55–65 N·m (5.5–6.5 kg-m, 40–48 ft-lb)
Axle nuts	120–170 N·m (12.0–17.0 kg-m, 87–123 ft-lb)
Bearing holder socket bolts	13–18 N·m (1.3–1.8 kg-m, 9–13 ft-lb)

TOOLS

Special

Lock nut wrench, 56 mm	07916–HA20000 or 07916–HA2010A (U.S.A. only)
Lock nut wrench, 45 mm	07916–1870101 or equivalent commercially available in U.S.A.

Common

Driver	07749–0010000
Attachment, 62 x 68 mm	07746–0010500
Pilot, 40 mm	07746–0040900