

# 11. REAR WHEEL/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 mm (in)	SERVICE LIMIT mm (in)
Rear axle runout		1.0 (0.04)	3.0 (0.12)
Rear wheel rim runout	Radial	1.0 (0.04)	4.0 (0.16)
	Axial	1.0 (0.04)	4.0 (0.16)

### TORQUE VALUES

Wheel nut		60–70 N·m (6.0–7.0 kg-m, 43–51 ft-lb)
Brake disc socket bolt		35–40 N·m (3.5–4.0 kg-m, 25–29 ft-lb)
Rear axle outer lock nut		80–100 N·m (8.0–10.0 kg-m, 58–72 ft-lb) Left-hand threads
Rear axle inner lock nut		120–140 N·m (12.0–14.0 kg-m, 87–101 ft-lb) Left-hand threads
Rear caliper bracket bolt		28–34 N·m (2.8–3.4 kg-m, 20–25 ft-lb)
Driven sprocket bolt	'85:	32–37 N·m (3.2–3.7 kg-m, 23–27 ft-lb)
	AFTER '85:	47–55 N·m (4.7–5.5 kg-m, 34–40 ft-lb)
Rear wheel hub nut (with washer)	'85:	100–122 N·m (10.0–12.2 kg-m, 72–87 ft-lb)
	AFTER MID '85:	120–170 N·m (12.0–17.0 kg-m, 87–123 ft-lb)
Bearing holder socket bolt		18–25 N·m (1.8–2.5 kg-m, 13–18 ft-lb)

### TOOLS

#### Special

Lock nut wrench, 56 mm	07916–HA20100 or 07916–HA2010A
Lock nut wrench, 45 mm	07916–1870101 or equivalent

#### Common

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