

## HYDRAULIC DISC BRAKES

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### TORQUE VALUES

Air bleed valve	4–7 N·m (0.4–0.7 kg-m, 2.9–5.1 ft-lb)
Reservoir cover	1–2 N·m (0.1–0.2 kg-m, 0.7–1.4 ft-lb)
Front brake caliper mounting bolt	24–30 N·m (2.4–3.2 kg-m, 17–22 ft-lb)
Pad pin bolt	15–20 N·m (1.5–2.0 kg-m, 10–15 ft-lb)
Pad pin bolt plugs	10–20 N·m (1.0–2.0 kg-m, 7–14 ft-lb)
Rear caliper bracket bolt	28–34 N·m (2.8–3.4 kg-m, 20–25 ft-lb)
Front brake disc nut	25–30 N·m (2.5–3.0 kg-m, 18–22 ft-lb)
Rear brake disc nut	35–40 N·m (3.5–4.0 kg-m, 25–29 ft-lb)
Brake hose oil bolt	25–35 N·m (2.5–3.5 kg-m, 18–25 ft-lb)
Parking brake attaching bolt	20–25 N·m (2.0–2.5 kg-m, 14–18 ft-lb)
Rear brake caliper mounting bolt	20–25 N·m (2.0–2.5 kg-m, 14–18 ft-lb)
Front master cylinder holder screw	10–14 N·m (1.0–1.4 kg-m, 7–10 ft-lb)
Rear master cylinder mounting bolt	24–30 N·m (2.4–3.0 kg-m, 17–22 ft-lb)

### TOOL

#### Special

Snap ring pliers 07914–3230001

## TROUBLESHOOTING

#### Brake lever/pedal soft or spongy

- Air bubbles in hydraulic system
- Low fluid level
- Hydraulic system leaking

#### Brake lever/pedal too hard

- Sticking piston(s)
- Clogged hydraulic system
- Pads glazed or worn excessively

#### Brake drag

- Hydraulic system sticking
- Sticking piston(s)

#### Brakes grab

- Pads contaminated
- Disc or wheel misaligned

#### Brake chatter or squeal

- Pads contaminated
- Excessive disc runout
- Caliper installed incorrectly
- Disc or wheel misaligned