

BRAKE SYSTEM

TORQUE VALUES

Brake hose bolt	34 N-m (3.5 kgf-m, 25 lbf-ft)	
Front master cylinder cover screw	1.5 N-m (0.15 kgf-m, 1.1 lbf-ft)	
Front brake light switch screw	1.2 N-m (0.12 kgf-m, 0.9 lbf-ft)	
Brake lever pivot nut	5.9 N-m (0.6 kgf-m, 4.3 lbf-ft)	
Front brake caliper mounting bolt	30 N-m (3.1 kgf-m, 22 lbf-ft)	ALOC bolt
Brake caliper pad pin	17 N-m (1.7 kgf-m, 12 lbf-ft)	
Rear brake reservoir cover screw	1.5 N-m (0.15 kgf-m, 1.1 lbf-ft)	
Rear master cylinder mounting bolts	12 N-m (1.2 kgf-m, 9 lbf-ft)	
Rear master cylinder push rod nut	17 N-m (1.7 kgf-m, 12 lbf-ft)	
Bleed valve	5.4 N-m (0.6 kgf-m, 4 lbf-ft)	
Main step holder mounting bolt	27 N-m (2.8 kgf-m, 20 lbf-ft)	

TOOL

Snap ring pliers	07914 – SA50001
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TROUBLESHOOTING

Brake lever/pedal soft or spongy

- Air in hydraulic system
- Leaking hydraulic system
- Contaminated brake pads/disc
- Worn caliper piston seal
- Worn master cylinder piston cups
- Worn brake pads/disc
- Contaminated caliper
- Caliper not sliding properly
- Low brake fluid level
- Clogged fluid passage
- Warped/deformed brake disc
- Sticking/worn caliper piston
- Sticking/worn master cylinder piston
- Contaminated master cylinder
- Bent brake lever/pedal

Brake lever/pedal hard

- Clogged/restricted brake system
- Sticking/worn caliper piston
- Caliper not sliding properly
- Clogged/restricted fluid passage
- Worn caliper piston seal
- Sticking/worn master cylinder piston
- Bent brake lever/pedal

Brake drags

- Contaminated brake pads/disc
- Misaligned wheel
- Clogged/restricted brake hose joint
- Warped/deformed brake disc
- Caliper not sliding properly
- Clogged/restricted brake hydraulic system
- Sticking/worn caliper piston
- Clogged master cylinder port