

14. Brake System

Service Information	14-1	Front Brake Caliper Disassembly/Assembly	14-6
Troubleshooting	14-1	Rear Master Cylinder Removal/Installation	14-8
Rear Brake Pad Replacement	14-2	Rear Master Cylinder Disassembly/Assembly	14-10
Front Master Cylinder Removal/Installation	14-3	Rear Brake Caliper Removal/Installation	14-11
Front Master Cylinder Disassembly/Assembly	14-4	Rear Brake Caliper Disassembly/Assembly	14-12
Front Brake Caliper Removal/Installation	14-5		

Service Information

⚠ WARNING

- A contaminated brake disc or pad reduces stopping ability.
- Mixing incompatible brake fluids will impair braking efficiency.
- Foreign materials can clog the system, causing a reduction or complete loss of braking ability.
- Always reinstall the brake pads in their original positions to prevent loss of braking efficiency.

Troubleshooting

Brake Lever Soft Or Spongy

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

Brake Lever 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

Brake Grab Or Pull One Side

- Disc or wheel misaligned
- Contaminated brake pad/disc
- Clogged/restricted brake hose/joint(s)
- Warped/deformed brake disc
- Caliper not sliding properly

Brake Drag

- Contaminated brake pad/disc
- Disc or wheel misaligned
- Worn brake pad/disc
- Warped/deformed brake disc
- Caliper not sliding properly