

HYDRAULIC BRAKE

SERVICE INFORMATION	14-1	BRAKE PAD/DISC	14-5
TROUBLESHOOTING	14-2	MASTER CYLINDER	14-6
BRAKE FLUID REPLACEMENT/AIR BLEEDING	14-3	BRAKE CALIPER	14-9

SERVICE INFORMATION

GENERAL

- Use DOT-4 brake fluid.
- Bleed the hydraulic system if it is disassembled or if the brake feels spongy.
- Do not allow foreign material to enter the system when filling the reservoir.
- Brake fluid will damage painted, plastic, and rubber parts. Whenever handling brake fluid, protect the painted, plastic, and rubber parts by covering them with a shop towel. If fluid does get on these parts, wipe it off immediately with a clean cloth.
- Always check brake operation before riding the motorcycle.
- Brake dust may contain asbestos.

⚠ WARNING

- *Inhaled asbestos fibers have been found to cause respiratory disease and cancer. Never use an air hose or dry brush to clean brake assemblies.*

SPECIFICATIONS

unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Front disc thickness	3.0 (0.12)	2.5 (0.10)
Front disc runout	—	0.30 (0.012)
Front master cylinder I.D.	11.000–11.043 (0.4331–0.4348)	11.06 (0.435)
Front master piston O.D.	10.957–10.984 (0.4314–0.4324)	10.88 (0.428)
Front caliper cylinder I.D.	27.000–27.005 (1.0630–1.0632)	27.05 (1.065)
Front caliper piston O.D.	26.900–26.950 (1.0591–1.0610)	26.85 (1.057)

TORQUE VALUES

Caliper bracket pin A	23 N•m (2.3 kg-m, 17 ft-lb)
Caliper bracket pin B	13 N•m (1.3 kg-m, 10 ft-lb)
Brake caliper bleeder screw	6 N•m (0.6 kg-m, 4 ft-lb)
Front brake lever adjuster lock nut	6 N•m (0.6 kg-m, 4 ft-lb)
Pad pin	18 N•m (1.8 kg-m, 13 ft-lb)
Caliper bolt	27 N•m (2.7 kg-m, 20 ft-lb)
Brake hose joint bolt	35 N•m (3.5 kg-m, 25 ft-lb)

TOOL

Special Snap ring pliers	07914–3230001
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