

16. HYDRAULIC BRAKE

SERVICE INFORMATION	16-1	REAR MASTER CYLINDER	16-9
TROUBLESHOOTING	16-2	FRONT BRAKE CALIPER	16-12
BRAKE FLUID REPLACEMENT/ AIR BLEEDING	16-3	REAR BRAKE CALIPER	16-15
BRAKE PAD/DISC	16-5	BRAKE PEDAL	16-19
FRONT MASTER CYLINDER	16-7		

SERVICE INFORMATION

GENERAL

- Keep grease off of brake pads and disc.

▲ WARNING

A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean a contaminated disc with a high quality brake degreasing agent.

- Never allow contaminants (dirt, water, etc.) to get into an open reservoir.
- Once the hydraulic system has been opened, or if the brake feels spongy, the system must be bled.
- Always use fresh DOT 4 brake fluid from a sealed container when servicing the system. Do not mix different types of fluid they may not be compatible.

CAUTION:

Spilled brake fluid will severely damage instrument lenses and painted surfaces. It is also harmful to some rubber parts. Be careful whenever you remove the reservoir cap; make sure the front reservoir is horizontal first.

- Always check brake operation before riding the motorcycle.

SPECIFICATIONS

16

				Unit: mm (in)	
ITEM		STANDARD		SERVICE LIMIT	
Front	Specified brake fluid		DOT 4		
	Brake pad wear		To the indicator		
	Brake disc thickness	ED, DK types	2.8–3.2 (0.11–0.13)		2.5 (0.10)
		U type	3.3–3.7 (0.13–0.15)		3.0 (0.12)
	Brake disc runout				0.20 (0.008)
	Master cylinder I.D.		12.700–12.743 (0.5000–0.5017)		12.76 (0.502)
	Master piston O.D.		12.657–12.684 (0.4983–0.4994)		12.64 (0.498)
	Caliper cylinder I.D.		27.000–27.050 (1.0630–1.0650)		27.06 (1.065)
	Caliper piston O.D.	ED, DK types	26.900–26.950 (1.0591–1.0610)		26.89 (1.059)
		U type	26.935–26.968 (1.0604–1.0617)		26.91 (1.059)
Rear	Specified brake fluid		DOT 4		
	Brake pad wear		To the indicator		
	Brake disc thickness	ED, DK types	3.8–4.2 (0.15–0.17)		3.5 (0.14)
		U type	4.3–4.7 (0.17–0.19)		4.0 (0.16)
	Brake disc runout				0.30 (0.012)
	Master cylinder I.D.		12.700–12.743 (0.5000–0.5017)		12.76 (0.502)
	Master piston O.D.		12.657–12.684 (0.4983–0.4994)		12.64 (0.498)
	Caliper cylinder I.D.		27.000–27.050 (1.0630–1.0650)		27.06 (1.065)
Caliper piston O.D.		26.935–26.968 (1.0604–1.0617)		26.89 (1.059)	