

HYDRAULIC BRAKE

SERVICE INFORMATION

GENERAL

⚠ CAUTION

Frequent inhalation of brake pad dust, regardless of material composition, could be hazardous to your health.

- Avoid breathing dust particles.
- Never use an air hose or brush to clean brake assemblies. Use an OSHA-approved vacuum cleaner.

NOTICE

Spilled brake fluid will severely damage instrument lenses and painted surfaces. It is also harmful to some rubber parts. Cover these surfaces with a shop towel before servicing the brake system. Be careful whenever you remove the reservoir cap; make sure the reservoirs are horizontal first.

- A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean a contaminated disc with a high quality brake degreasing agent.
- Check the brake system by applying the brake lever or pedal after the air bleeding.
- 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.
- Always check brake operation before riding the motorcycle.

SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT	
Front	Specified brake fluid	DOT 4	–	
	Brake disc thickness	5.0 (0.20)	4.0 (0.16)	
	Brake disc runout	–	0.30 (0.012)	
	Master cylinder I.D.	17.460 – 17.503 (0.6874 – 0.6891)	17.515 (0.6896)	
	Master piston O.D.	17.321 – 17.367 (0.6819 – 0.6837)	17.309 (0.6815)	
	Caliper cylinder I.D.	A	32.080 – 32.130 (1.2630 – 1.2650)	32.140 (1.2654)
		B	30.280 – 30.330 (1.1921 – 1.1941)	30.340 (1.1945)
	Caliper piston O.D.	A	31.967 – 32.000 (1.2585 – 1.2598)	31.957 (1.2581)
B		30.167 – 30.200 (1.1877 – 1.1890)	30.157 (1.1873)	
Rear	Specified brake fluid	DOT 4	–	
	Brake pedal height	75 (3.0)	–	
	Brake disk thickness	5.0 (0.20)	4.0 (0.16)	
	Brake disc runout	–	0.30 (0.012)	
	Master cylinder I.D.	15.870 – 15.913 (0.6248 – 0.6265)	15.925 (0.6270)	
	Master piston O.D.	15.827 – 15.854 (0.6231 – 0.6242)	15.815 (0.6226)	
	Caliper cylinder I.D.	38.180 – 38.230 (1.5031 – 1.5051)	38.24 (1.506)	
	Caliper piston O.D.	38.098 – 38.148 (1.4999 – 1.5019)	38.09 (1.500)	