

# SERVICE INFORMATION

## GENERAL

**▲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.
- Check the brake system by applying the brake lever and pedal after the air bleeding.

**CAUTION:**

- This model equipped with a Dual Combined Brake System. Must be follow the system air bleeding procedure (page 15-5) if you disconnect or service any part of the brake hydraulic system.
- Do not disassemble the secondary master cylinder push rod or the correct brake performance will not be obtained.

- 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.
- 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		4.5 (0.18)		3.5 (0.14)
	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)		12.65 (0.498)
	Secondary master cylinder I.D.		14.000 – 14.043 (0.5512 – 0.5529)		14.055 (0.5533)
	Secondary master piston O.D.		13.957 – 13.984 (0.5495 – 0.5506)		13.945 (0.5490)
	Caliper cylinder I.D.	Right	Upper	27.000 – 27.050 (1.0630 – 1.0650)	27.060 (1.0654)
			Middle	22.650 – 22.700 (0.8917 – 0.8937)	22.710 (0.8941)
			Lower	25.400 – 25.450 (1.0000 – 1.0020)	25.460 (1.0024)
		Left	Upper	25.400 – 25.450 (1.0000 – 1.0020)	25.460 (1.0024)
			Middle	22.650 – 22.700 (0.8917 – 0.8937)	22.710 (0.8941)
			Lower	22.650 – 22.700 (0.8917 – 0.8937)	22.710 (0.8941)
	Caliper piston O.D.	Right	Upper	26.916 – 26.968 (1.0597 – 1.0617)	26.910 (1.0594)
			Middle	22.585 – 22.618 (0.8892 – 0.8905)	22.560 (0.8882)
Lower			25.318 – 25.368 (0.9968 – 0.9987)	25.310 (0.9965)	
Left		Upper	25.318 – 25.368 (0.9968 – 0.9987)	25.310 (0.9965)	
		Middle	22.585 – 22.618 (0.8892 – 0.8905)	22.560 (0.8882)	
		Lower	22.585 – 22.618 (0.8892 – 0.8905)	22.560 (0.8882)	