INSPECTION

Check rear brake pads and discs:

- At every scheduled service interval.
- Whenever components are removed for service.

Brake Pads

AWARNING

Always replace brake pads in complete sets for correct and safe brake operation. Improper brake operation could result in death or serious injury. (00111a)

Replace all rear brake pads (inner and outer of both left and right side calipers) if the friction material of any single pad is worn to 0.050 in. (1.27 mm) or less above the backing plate.

Periodically check and adjust mechanical park brake for proper operation. Always adjust park brake whenever brake pads are replaced. Always install **new** actuator shaft locknut (provided in brake pad service kit) whenever park brake is adjusted at the calipers.

Inspect brake system for leaks and repair as necessary. Inspect brake lines and hoses for damage or wear.

Brake Disc Thickness

Inspect brake disc surface condition. Replace disc if pitted, grooved or scored.

Inspect brake disc for excessive wear, Replace disc if thickness is 0.220 in. (5.59 mm) or less.

Brake Disc Lateral Runout

Inspect brake disc lateral runout and warpage. Replace disc if either is greater than 0.008 in. (0.20 mm).

REPLACEMENT

FASTENER	TORQUE VALUE	
Brake caliper, rear, mounting/pad pins	32-36 ft-lbs	43.4-48.8 Nm
Brake master cylinder, rear, reservoir cover screws	6-8 in-lbs	0.7-0.9 Nm

- Remove rear wheels. See 2.4 REAR WHEELS.
- Release park brake and loosen park brake adjustment. See 1.11 PARK BRAKE.

AWARNING

Always replace brake pads in complete sets for correct and safe brake operation, improper brake operation could result in death or serious injury, (00111a)

- See Figure 1-8. Remove retaining rings (3) and discard.
- Use a ball-end hex key socket to remove mounting/pad nine (1) and discourt. Damous calling from disc.

NOTE:

Do not operate braike pedal with caliper removed or piston may be forced out. This caliper can not be disassembled and would require replacement of the entire assembly.

Remove cover from rear brake master cylinder reservoir.

NOTE

Fluid level will rise as piston is pushed back into caliper, possibly overflowing the reservoir. Remove some fluid from the reservoir if necessary.

- Push piston into caliper until fully seated.
- Clean any debris from caliper bushing bores. Verify that bushings (2) slide smoothly in caliper bores without rocking or sticking.
- Using grease supplied in brake pad kit, lubricate O-rings, OD of bushings and pad pins in area that brake pads contact. Do not apply grease to threads of pad pins.
- Install new inner and outer pads in caliper. Install caliper on disc. Verify that friction material of both pads face disc.
- Install new mounting/pad pins (1). Tighten to 32-36 ft-lbs (43.4-48.8 Nm).
- Install new retaining rings (3).

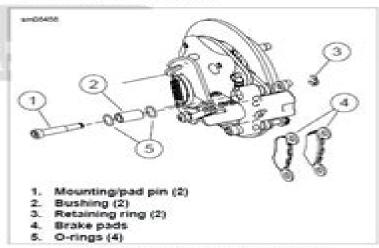


Figure 1-8. Rear Brake Caliper Assembly

AWARNING

After servicing brakes and before moving motorcycle, pump brakes to build brake system pressure. Insufficient pressure can adversely affect brake performance, which could result in death or serious injury. (00279a)

 Press brake pedal several times to set pads to proper operating position within caliners

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