

## **BRAKE CALIPER ASSEMBLY**

**Single Action — Stock Replacement**

**13012 — Chrome**

**13017 — Black**

This is a complete replacement Brake Caliper unit. When installing this Brake Caliper refer to Harley-Davidson service manual for proper installation instructions.

After installation is complete, bike should be test driven *VERY CAREFULLY* to make sure Brake system is operating properly.

To insure Brake system is at top operating condition, check the following trouble shooting tips.

1. Check for Master Cylinder Plunger (brake rod) adjustment. There should be about 1/16 inch of freeplay before plunger contacts piston assembly.
2. Make sure Brake System was flushed clean and only D.O.T. 5 brake fluid was used (CCI# 35025).
3. Brake Pads must be compatible with disc rotor being used. This caliper comes with brake pads that are compatible with most disc brake rotors.
4. No air should be left in the Brake System.
5. Dampening valve must be removed from Master Cylinder. Aftermarket replacement master cylinders come with an extra valve designed for hydraulic drum brakes. This valve *MUST* be removed for disc brake applications.
6. Make sure bushings (2) in support bracket have been changed (CCI# 25913-OEM# 45821-75 and CCI# 25914-OEM# 45822-74). Be sure not to damage or bend bracket when replacing these bushings.
7. Check caliper support bracket for alignment with brake disc. This is done by inserting alignment gauge (H.D. part # 97168-77) into bushings in bracket. Check to see that all three gauge pins either touch or are within 1/16 inch of brake disc surface. If one or more pins are not within these tolerances, note which pins, and remove gauge. Insert bending tool (H.D. part #97169-77) into support bracket bushings. Using bending tool, bend support bracket until all three gauge pins either touch or are within 1/16 inch of brake disc surface.