

FRONT BRAKE CALIPER / MODELS FLH, FLH-80

A quantity of 85 FLH and FLH-80 1979 motorcycles were produced and shipped from 11/3/78 to 11/7/78 with front brake calipers having incorrect caliper piston assembly parts causing excessive piston retraction. This condition could require more than one application of the front brake handle lever to produce an effective front brake. If the operator did not realize that a second brake application was required, or if there was not sufficient time for a second application in an emergency stop, a possible accident could result.

In compliance with the National Traffic and Motor Vehicle Safety Act, this has been declared a safety defect and the affected motorcycles shipped to your dealership must be corrected before sale or use. A complete list of affected motorcycles is included in this bulletin.

NOTE: On December 21, 1978, Mailgram ML-104 was sent to only those dealers who were shipped affected motorcycles. The dealers were instructed that these motorcycles must not be operated or sold until the calipers were replaced.

We have shipped to only those same dealers, the required number of correct front brake caliper assemblies, part No. 44000-78, no charge--transportation prepaid. They will also receive sufficient blank Dealer Service Cards for unregistered vehicles in their possession.

If any of the listed motorcycles have been received and sold by you, we request that you contact the purchasers immediately and arrange for installing the new, correct caliper. Registered owners of record will be notified to contact you to have this service performed at no charge.

Each letter to the registered owner will include Dealer Service Card 038, which must be completed, dated, and signed by the customer and dealer.

Fill out the cards completely for each motorcycle, including Code 038, vehicle identification number (VIN), your dealer account number and mark "Replace" box only. Upon receipt of properly completed Dealer Service Card with removed parts, your account will be credited 0.5 hours for each motorcycle serviced to cover your cost for labor, brake fluid, and processing.

When returning parts, enclose old caliper in the plastic bag and carton that was used for shipping new caliper to you. (Keep the Dealer Service Card separate from the caliper in the box to protect it from brake fluid.) Use the furnished return address P-label on the outside of box.

**INSTRUCTIONS FOR
REPLACING FRONT CALIPER**

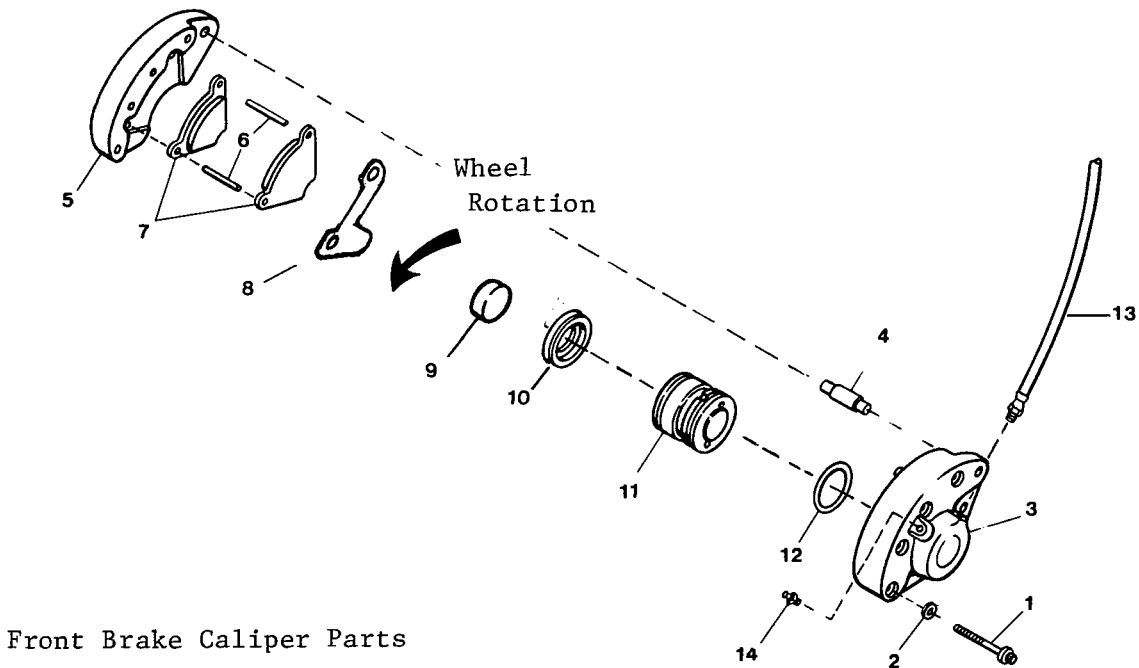
See illustration. Clean brake hose fitting (13) at caliper (3) connection to prevent dirt from entering brake system. Loosen, but do not remove fitting from caliper at this time.

Remove 4 bolts (1) and washers (2). Remove outer caliper half (3). Remove mounting pin (4) and inner caliper half (5). Remove brake pad mounting pins (6), brake pads (7), shim (8) and insulator (9).

Unscrew outer caliper assembly (items 3, 10, 11, 12,) from brake hose (13).

Remove the new caliper from the shipping container and sand the surface of the new pads with 60 or 80 grit

- | | |
|--------------------------------|-----------------------------|
| 1. Bolt (4) | 8. Shim |
| 2. Washer (4) | 9. Insulator |
| 3. Outer caliper half | 10. Piston dust seal boot |
| 4. Mounting pin | 11. Caliper piston assembly |
| 5. Inner caliper half | 12. O-ring seal |
| 6. Brake pad mounting pins (2) | 13. Hydraulic line |
| 7. Brake pads (2) | 14. Bleeder valve |



emery cloth on a flat surface to break the surface glaze. Also, use emery cloth to slightly round off the leading edges of the brake pads.

Assemble the new caliper parts to the fork side observing the following:

Wipe threads of brake hose fitting clean and apply a light coating of Harley-Davidson Pipe Sealant with Teflon. Screw outer caliper half onto hose fitting and tighten fitting.

Assemble inner caliper half parts (items 5, 6, 7 and 8) and outer caliper half (3) on fork leg mounting pin (4).

Make sure the anti-squeal shim (8) is positioned between the caliper piston insulator (9) and the brake pad so that the direction of wheel rotation is into the "notch" as shown in the illustration.

Apply Anti-Seize to four caliper mounting bolts (1) and install with washers (2) into calipers. Tighten bolts to 35 ft-lbs torque.

Bleed the front brake system per Model FLH Service Manual procedure and road test motorcycle making several hard stops from 55 miles per hour to burnish the front brake pads. Bleed the brake system again if brake feels spongy.

VEHICLES WITHIN THE 038 SAFETY DEFECT CAMPAIGN RANGE

2A21622H9	2A33718H9	3G26216H9	3G33735H9	3G34615H9
2A33616H9	2A33719H9	3G28226H9	3G33737H9	3G34616H9
2A33618H9	2A33720H9	3G29210H9	3G33739H9	3G34621H9
2A33619H9	2A33723H9	3G33048H9	3G33740H9	3G34741H9
2A33620H9	2A33725H9	3G33073H9	3G33741H9	3G34748H9
2A33621H9	2A33727H9	3G33324H9	3G33743H9	3G34750H9
2A33624H9	2A33728H9	3G33354H9	3G33864H9	3G34751H9
2A33625H9	2A34057H9	3G33497H9	3G33868H9	3G34752H9
2A33706H9	2A34058H9	3G33499H9	3G33869H9	3G34758H9
2A33708H9	2A34066H9	3G33504H9	3G33894H9	3G34760H9
2A33709H9	2A34069H9	3G33506H9	3G33909H9	3G34763H9
2A33711H9	2A34070H9	3G33507H9	3G33910H9	3G34869H9
2A33713H9	2A34071H9	3G33509H9	3G34047H9	3G34875H9
2A33715H9	2A34077H9	3G33512H9	3G34579H9	3G34879H9
2A33716H9	2A34985H9	3G33513H9	3G34589H9	3G34880H9
		3G33516H9	3G34598H9	3G34884H9
		3G33519H9	3G34599H9	3G34886H9
		3G33734H9	3G34601H9	3G34889H9
				3G34893H9

HARLEY-DAVIDSON MOTOR CO., INC.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE →									



HARLEY-DAVIDSON MOTOR CO., INC.
3700 W. Juneau Ave., P.O. Box 653, Milwaukee, WI 53201 • 414/342-4680
Subsidiary of AMF INCORPORATED

SAMPLE COPY

January 12, 1979

Dear Harley-Davidson Owner:

This notice is sent to you in accordance with the requirements of the National Traffic & Motor Vehicle Safety Act.

Harley-Davidson Motor Co., Inc. has determined that a defect which is related to motor vehicle safety exists in the front brake caliper located on the left front fork leg of certain 1979 motorcycles with model designation: FLH (VIN prefix 2A) and FLH-80 (VIN prefix 3G). These motorcycles were manufactured during the period from November 3, to November 7, 1978.

Your motorcycle is one of the above models produced with an incorrect front brake caliper piston assembly which allows excessive caliper pad retraction from the front brake disc. This condition may require a second application of the front brake handlever to make the front brake effective. An accident could possibly result if you did not realize that a second application was required, or if there was not sufficient time for a second application to produce enough stopping force in an emergency.

You would still have full use of the rear brake.

You will be forwarned of this condition during motorcycle operation by an increase in the hand lever movement before the front brake becomes effective. We advise you to not operate your motorcycle under these circumstances and advise that you contact your dealer immediately to arrange for him to replace the front brake caliper.

The necessary parts to correct your motorcycle are available at your dealer at the present time. Replacement will take approximately $\frac{1}{2}$ hour and will be done at no cost to you.

To verify that the corrective work has been completed, the enclosed dealer service card must be presented to the dealer when service is performed and signed by you and the dealer and returned to us. If you have sold your motorcycle, please accurately fill out and mail the enclosed motorcycle owner card giving information on your purchaser which will enable us to contact and advise that person of this recall.

If you take your motorcycle to your dealer on the mutually agreed upon service date, and he does not perform the required service on that date or within a reasonable amount of time, please contact our Service Department, at the address or telephone number on this letterhead for our assistance.

(OVER)

If service assistance is not provided to your satisfaction after contacting us, you also have the opportunity under law to inform the Secretary of Transportation using the following address: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, Washington D.C. 20590.

Thank you for your cooperation. We regret that this recall may cause you inconvenience, however, we have taken this action in the interest of your personal safety and satisfaction with our product.

Harley-Davidson Motor Co., Inc.

Enclosure: