

We have none FRONT BRAKE / 1978-79 MODELS

Certain 1978 and 1979 model FLH, FLH-80, FX, FXE, FXS, XLH and XLCH motorcycles were produced and shipped with deficient front brake master cylinders during the period from June 7, 1978 to June 14, 1978. A complete list of these vehicles is included with this bulletin.

The affected motorcycles were produced with front brake master cylinders in which the plunger piston bore diameter was honed up to .015 inch over the maximum limit. The oversized bore results in a reduced interference fit between the piston seals and the cylinder bore which could allow hydraulic fluid leakage from the hydraulic system, causing eventual fluid depletion and loss of an effective front brake.

During motorcycle operation there would normally be a prior warning of insufficient brake fluid in the system indicated by fluid leakage around the master cylinder and an increase in the hand lever free movement before braking. If this indication were to be ignored, however, complete loss of the brake would eventually occur when the brake fluid supply became depleted. Although the motorcycle operator would still have the use of the rear brake, the unexpected loss of the front brake could, under certain conditions, result in loss of vehicle control and an accident.

In compliance with the National Motor Vehicle Safety Act, this has been declared a safety defect by Harley-Davidson Motor Co., Inc., and the affected motorcycles must be corrected before sale or use by installing the correct front brake master cylinder assembly under part numbers 45013-72 (FLH, FLH-80) and 43306-78 (XLH/XLCH/FX/FXE/FXS). We are sending the required quantity of parts for correct-

ing the affected motorcycles shipped to your dealership -- no charge, transportation prepaid. Instructions for installing these parts and a complete list of affected vehicles are included at the end of this bulletin. These motorcycles must not be sold or operated unless corrected.

All registered owners of record are being notified of this safety defect and are being instructed to bring their motorcycles to their dealer for service. A copy of the owner letter is enclosed for your information. Each letter to the registered owner will include Dealer Service Card 037 which must be completed, dated and signed by both the customer and the dealer, to verify that service has been satisfactorily completed.

A list of registered owners and a list of unregistered vehicles involved in this campaign, which have been delivered to your dealership are included with this bulletin. It is your responsibility to perform the required service on all affected vehicles, including those which may not show on the lists. We are enclosing sufficient blank Dealer Service Cards for those vehicles.

IMPORTANT

Because only registered owners, as shown on the enclosed list, will receive notification from us, we request that you contact any owners of vehicles listed as unregistered, and arrange to have them come in for service.

The parts that are removed from corrected motorcycles, must be returned to Harley-Davidson Motor Co. with properly completed Dealer Service Card. When servicing a motorcycle, make sure to

fill out the Dealer Service Card completely including code 037, vehicle identification number (VIN), your dealer account number and mark "Replace" box only for each motorcycle serviced. Upon receipt of properly completed Dealer Service Card, with removed parts, your account will be credited .6 hours for each motorcycle serviced to cover your costs for labor, brake fluid and processing.

INSTRUCTIONS FOR REPLACING PARTS

Clean master cylinder brake hose connection to prevent dirt from entering brake system. Loosen, but do not remove front brake hose fitting at master cylinder. Disconnect battery.

Remove the four screws securing master cylinder to handlebar assembly. Separate switch assembly from the master cylinder and disconnect brake switch wires. While holding master cylinder away from motorcycle, disconnect brake hose from master cylinder.

Before mounting new master cylinder on motorcycle, check to see that relief

port is uncovered when the brake lever is released. Connect brake light switch wires to switch terminals in new master cylinder housing.

Reusing four screws, mount master cylinder and handlebar switch assembly on handlebar in desired position. Wipe threads of brake hose fitting clean and apply a light coating of Harley-Davidson Pipe Sealant with Teflon. Assemble brake hose to new master cylinder. Reconnect battery.

Turn handlebar so that top of master cylinder is nearly level and fill master cylinder to slightly below gasket surface with D.O.T. 5 type hydraulic brake fluid. Replace cover and gasket with flat side of gasket down.

Bleed system carefully to purge all air according to service manual procedure.

Test ride motorcycle. If brake feels spongy, repeat bleeding procedure. On models equipped with dual front disc brakes, bleed both calipers.

HARLEY-DAVIDSON MOTOR CO., INC.

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

VEHICLES WITHIN THE 037 SAFETY DEFECT CAMPAIGN RANGE

2A75920H8	2A76203H8	2F76054H8	2F76181H8	3A17497H8	3A17530H9	3A17589H9	3A17702H9	3G76155H8	9D75989H8	9D76019H8	9D76129H8	9D76249H8
2A75921H8	2A76204H8	2F76055H8	2F76182H8	2A17501H9	3A17531H9	3A17591H9	3A17707H9	3G76156H8	9D75990H8	9D76020H8	9D76131H8	9D76251H8
2A75922H8	2A76207H8	2F76056H8	2F76183H8	3A17502H9	3A17533H9	3A17592H9	3A17709H9	3G76157H8	9D75992H8	9D76022H8	9D76132H8	9D76253H8
2A75923H8	2A76209H8	2F76058H8	2F76192H8	3A17503H9	3A17538H9	3A17593H9	3A17710H9	3G76158H8	9D75993H8	9D76023H8	9D76133H8	9D76254H8
2A75925H8	2A76219H8	2F76060H8	2F76193H8	3A17504H9	3A17542H9	3A17523H9	3A17711H9	3G76159H8	9D75944H8	9D76024H8	9D76134H8	9D76255H8
2A75927H8	2A76220H8	2F76061H8	2F76197H8	3A17505H9	3A17544H9	3A17625H9	3A17712H9	3G76160H8	9D75996H8	9D76025H8	9D76135H8	9D76256H8
2A75930H8	2A76222H8	2F76062H8	2F76198H8	3A17506H9	3A17545H9	3A17626H9	3A17713H9	4A17404H9	9D75997H8	9D76103H8	9D76136H8	9D76258H8
2A75931H8	2A76224H8	2F76063H8	2F76199H8	3A17507H9	3A17548H9	3A17631H9	3A17714H9	4A17463H9	9D75998H8	9D76104H8	9D76137H8	9D76261H8
2A75932H8	2A76226H8	2F76065H8	3A17392H9	3A17508H9	3A17549H9	3A17634H9	3A17717H9	4A17465H9	9D75999H8	9D76105H8	9D76138H8	9D76318H8
2A75934H8	2C75961H8	2F76066H8	3A17399H9	3A17509H9	3A17552H9	3A17640H9	3A17721H9	4A17593H9	9D76000H8	9D76106H8	9D76139H8	9D76320H8
2A75937H8	2C76352H8	2F76068H8	3A17441H9	3A17510H9	3A17553H9	3A17642H9	3A17723H9	4A17597H9	9D76001H8	9D76107H8	9D76140H8	9D76322H8
2A75938H8	2C76359H8	2F76069H8	3A17443H9	3A17511H9	3A17555H9	3A17643H9	3A17726H9	4A17598H9	9D76002H8	9D76108H8	9D76141H8	9D76336H8
2A75939H8	2C76360H8	2F76072H8	3A17444H9	3A17512H9	3A17559H9	3A17646H9	3A17735H9	4A17599H9	9D76003H8	9D76109H8	9D76142H8	9D76337H8
2A75940H8	2C76370H8	2F76073H8	3A17451H9	3A17513H9	3A17560H9	3A17647H9	3A17737H9	4A17600H9	9D76004H8	9D76110H8	9D76173H8	9D76341H8
2A75941H8	2C76380H8	2F76075H8	3A17457H9	3A17514H9	3A17562H9	3A17648H9	3G76036H8	4A17601H9	9D76005H8	9D76111H8	9D76174H8	9D76342H8
2A75942H8	2F76040H8	2F76076H8	3A17459H9	3A17515H9	3A17564H9	3A17649H9	3G76143H8	4A17607H9	9D76006H8	9D76114H8	9D76227H8	9D76348H8
2A75943H8	2F76041H8	2F76078H8	3A17460H9	3A17516H9	3A17565H9	3A17650H9	3G76144H8	4A17609H9	9D76007H8	9D76115H8	9D76228H8	9D76349H8
2A75969H8	2F76042H8	2F76083H8	3A17473H9	3A17517H9	3A17569H9	3A17651H9	3G76145H8	4A17610H9	9D76008H8	9D76116H8	9D76234H8	9D76350H8
2A75971H8	2F76043H8	2F76084H8	3A17474H9	3A17518H9	3A17570H9	3A17652H9	3G76146H8	4A17611H9	9D76009H8	9D76119H8	9D76235H8	
2A75972H8	2F76044H8	2F76088H8	3A17483H9	3A17519H9	3A17571H9	3A17661H9	3G76147H8	4A17613H9	9D76010H8	9D76120H8	9D76236H8	
2A75974H8	2F76045H8	2F76091H8	3A17486H9	3A17520H9	3A17573H9	3A17666H9	3G76148H8	4A17614H9	9D76011H8	9D76121H8	9D76238H8	
2A75975H8	2F76046H8	2F76092H8	3A17488H9	3A17521H9	3A17575H9	3A17671H9	3G76149H8	4A17621H9	9D76012H8	9D76122H8	9D76240H8	
2A76027H8	2F76049H8	2F76093H8	3A17489H9	3A17522H9	3A17577H9	3A17683H9	3G76150H8	9D75983H8	9D76013H8	9D76123H8	9D76241H8	
2A76029H8	2F76050H8	2F76097H8	3A17490H9	3A17523H9	3A17579H9	3A17684H9	3G76151H8	9D75984H8	9D76014H8	9D76125H8	9D76243H8	
2A76030H8	2F76051H8	2F76101H8	3A17492H9	3A17524H9	3A17582H9	3A17698H9	3G76152H8	9D75985H8	9D76015H8	9D76126H8	9D76245H8	
2A76201H8	2F76052H8	2F76102H8	3A17493H9	3A17525H9	3A17583H9	3A17699H9	3G76153H8	9D75987H8	9D76016H8	9D76127H8	9D76246H8	
2A76202H8	2F76053H8	2F76180H8	3A17494H9	3A17528H9	3A17588H9	3A17701H9	3G76154H8	9D75988H8	9D76017H8	9D76128H8	9D76247H8	



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

July 31, 1978

Dear Harley-Davidson Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and 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 master cylinder located on the right handlebar of certain 1978 and 1979 motorcycles with model designations: FLH, FLH-80, FX, FXE, FXS, XLH and XLCH. These motorcycles were manufactured during the one week period from June 7 to June 14, 1978.

Your motorcycle is one of the above models produced with an improperly machined front brake master cylinder. The inside diameter for the brake piston was made oversize. It is possible that this could allow hydraulic fluid to leak out around the piston seals, causing eventual fluid depletion and loss of an effective front brake. Although you would still have the use of the rear brake, the unexpected loss of the front brake could, under certain conditions, result in loss of vehicle control and an accident.

During motorcycle operation there usually is a prior warning of insufficient brake fluid in the system indicated by fluid leakage around the master cylinder and an increase in the hand lever movement before the brake becomes effective. We advise you not to operate your motorcycle if you notice these conditions because a complete loss of brake will occur when the hydraulic fluid supply is gone.

Please contact your dealer immediately to arrange for him to replace the front brake master cylinder.

The necessary parts to correct your motorcycle are available at your dealer at the present time. Replacement will take approximately 35 minutes 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 us information on your purchaser which will enable us to contact and advise that person of this recall.

(OVER)

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 period of time, please contact our Service Department at the address or telephone number on this letterhead for our assistance.

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, Washing, 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