

SERVICE BULLETIN



M-1151

Safety Recall Code 0113

April 15, 2004

MAIN CIRCUIT BREAKER REPLACEMENT

Purpose

As recently advised in ML-390, Harley-Davidson has determined that a defect exists on certain 2001-2003 FL Touring and Police model motorcycles. These motorcycles have a condition whereby the 40 amp main circuit breaker could open due to reasons other than for which it was designed, causing an unexpected interruption of all electrical power. This condition could cause a "quit while riding" situation, which could occur without warning and lead to a crash, thereby presenting a risk of death or injury to the rider.

In the interest of motor vehicle safety and customer satisfaction, Harley-Davidson has elected to initiate a voluntary recall (Campaign 0113) to replace the 40 amp main circuit breaker on all affected motorcycles. See **REQUIRED DEALER ACTION** to perform the recall service.

Motorcycles Affected

Certain 2001-2003 FL Touring and Police model motorcycles, including FLHTCI, FLHTCUI, FLTRI, FLTRSEI-2, FLHPI, FLHPEI and FLHTPI, assembled/shipped from the York, Pennsylvania assembly plant between May, 2000 and September, 2003.

NOTE

*Customers who have previously replaced the 40 amp main circuit breaker with either another circuit breaker of the same type (Part No. 74600-97A) or a 40 amp **maxi-fuse** are still subject to this recall. With the requisite documentation, however, customers may be reimbursed for their costs. See the attached **Harley-Davidson Pre-Notification Remedy Reimbursement Program** for details.*

Customer Notification

Attached is a complete list of all motorcycles shipped to your dealership that are involved in this recall campaign. To protect the safety of our riders, it is our mutual responsibility to ensure that the recall service is performed on all affected motorcycles. Therefore, we strongly urge you to perform the recall service even if the motorcycle was not purchased from your dealership. You also are required to perform the service on all affected motorcycles in your dealership inventory prior to delivering or leasing those motorcycles.

If you are not sure that the safety recall service has been completed on a particular motorcycle, check the recall records available on TALON or h-dnet.com.

IMPORTANT NOTE

Because only registered owners as shown on the attached list will receive notification from us, we request that you contact any owners of vehicles still listed as unregistered. Advise them of the safety recall and make arrangements for them to come in for recall service. We also require that you provide us with their names,

addresses and VIN's as soon as possible to enable us to mail them an owner's letter, as required by the National Traffic and Motor Vehicle Safety Act (as amended).

Required Dealer Action

An initial shipment of Safety Recall Code 0113 Kits (Part No. 94281) will be available beginning on or around April 26, 2004. The contents of each kit is as follows:

Table 1. Safety Recall Code 0113 Kit

Kit#	Contents
94281	50 Amp Main Circuit Breaker

All kits will be shipped no charge, transportation paid. If additional kits are needed, fill in the attached order form and FAX a copy to the Warranty Department at (414) 343-8346.

NOTE

Do not send in the order for additional kits until you have received all of your wave shipments and have determined your remaining kit requirements. Orders received before the wave shipments are complete will be discarded. Harley-Davidson reserves the right to conduct wave shipments in lieu of processing individual orders and/or adjusting order quantities, depending on the availability of parts.

Removal

IMPORTANT NOTE

Obtain the appropriate Touring or FLT Police Models Service Manual. When reviewing the sections referenced below, be sure to take note of all warnings and cautions.

1. Remove seat. See Section 2 of the Service Manual.

WARNING

Always disconnect the negative battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

2. Unthread bolt and remove battery negative cable (black) from battery negative (-) terminal.
3. Unthread bolt and remove battery positive cable (red) from battery positive (+) terminal.
4. Loosen bolt to move lip of hold-down clamp off edge of battery. Remove battery from battery box.

NOTE

*If the main circuit breaker was previously replaced with the 40 amp **maxi-fuse**, completely remove maxi-fuse holder and cover from the motorcycle and install 50 amp main circuit breaker as described under **INSTALLATION**.*

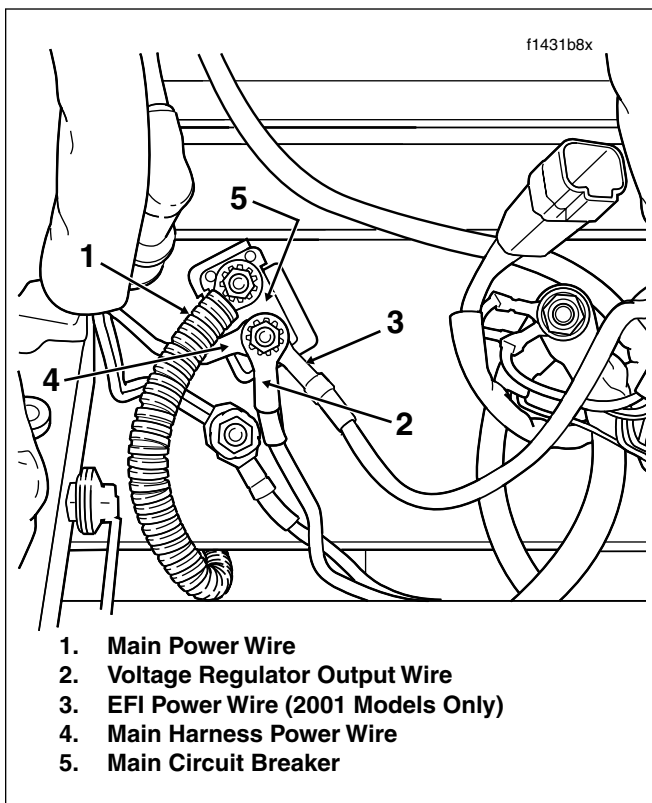


Figure 1. Upper Frame Crossmember (Under Seat)

5. Locate main circuit breaker on left side of upper frame crossmember. See Figure 1.
6. Remove Keps nut from copper post. Remove main power wire ring terminal (with convoluted tubing).
7. Remove Keps nut(s) from silver post. Remove voltage regulator output, EFI power (2001 models only) and main harness power wire ring terminals.
8. Bend tab on mounting clip outward and remove main circuit breaker.

Installation

1. Install **new** 50 amp main circuit breaker into mounting clip oriented with the copper post topside. See Figure 1.
2. Install main harness power, EFI power (2001 models only) and voltage regulator output wire ring terminals onto silver post. Start Keps nut on post.

NOTE

Install only upper Keps nuts on silver and copper posts. Discard lower Keps nuts wherever the previous configuration was double nutted.

3. Place main power wire ring terminal (with convoluted tubing) onto copper post and start Keps nut.
4. Alternately tighten Keps nuts to 20-35 **in-lbs** (2.3-4.0 Nm).

5. Place the battery into the battery box, terminal side forward.

WARNING

Always connect the positive battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

6. Insert bolt through battery positive cable (red) into threaded hole of battery positive (+) terminal. Tighten bolt to 60-96 **in-lbs** (6.8-10.9 Nm).
7. Insert bolt through battery negative cable (black) into threaded hole of battery negative (-) terminal. Tighten bolt to 60-96 **in-lbs** (6.8-10.9 Nm).
8. Rotate the hold-down clamp so that the lip (with rubber pad) rests on the edge of the battery. Tighten the clamp bolt to 15-20 **ft-lbs** (20-27 Nm).
9. Install seat. See Section 2 of the Service Manual.

Credit Procedures

Complete a Dealer Service Card for each motorcycle serviced. Write safety recall code "0113" on the card and place the letter "C" in the letter box.

Package the original circuit breaker (or maxi-fuse assembly), along with the properly completed Dealer Service Card, and send to: Harley-Davidson Motor Company, Warranty Return Dept., 3801 W. Juneau Avenue, Milwaukee, WI 53208.

Upon receipt of the part and a properly completed Dealer Service Card, you will be credited 0.5 hours of labor for performing the recall procedure. You also will be credited the cost of return postage.

NOTE

The actual time for replacement of the circuit breaker, including dealer administration time, is 0.3 hours, but because of the disruption to your service operation, and as a small incentive to help achieve a high percentage of recall completion, the dealership will be compensated 0.5 hours for performing the recall service.

IMPORTANT NOTE

Dealers are not responsible for reimbursing customers who have replaced subject 40 amp main circuit breaker prior to this recall. Advise customers that they may apply directly to Harley-Davidson for reimbursement of their costs following the procedures outlined in the attached Harley-Davidson Pre-Notification Remedy Reimbursement Program. Provide customer with copy of said document upon request.

IMPORTANT NOTE

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO.1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO
INITIAL HERE									

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DEALER ORDER	RC
ORDER DATE	
DEALER NO.	
ORDER TYPE	
WARRANTY CLAIM NO.	

TYPE CODE	ORDER TYPE	VEHICLE IDENTIFICATION NUMBER
R	REGULAR	
P	POLICE	
D	DOWN VEHICLE	
W	WARRANTY	
RC	RECALL	

S NAME _____
H _____
I _____
P _____
ADDRESS _____

T CITY/STATE/ZIP _____
O _____

SAME

FOR OFFICE USE ONLY	
ACCT.	1744113
FRT. ACCT.	1744113

[illegible]

PLEASE USE PART NUMBERS  **DO NOT USE FOR**
CORRESPONDENCE 

ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI 53201

All goods covered by this order, including goods back-ordered, will be billed at prices current at the time of shipment. Goods are accepted for resale and delivery is made to purchaser F.C.B. factory, Milwaukee, Wisconsin at their point of origin. If accepted, this order as accepted shall be subject to availability of goods to seller for delivery to purchaser. Any delay in shipment shall not relieve purchaser of responsibility for his order. If the goods are not delivered by the date specified, the order shall be cancelled. The order shall be subject to cancellation by the seller without notice to the purchaser. The seller shall not be liable for any loss or damage due to delay in shipment or failure to deliver. Any request for cancellation of this order or any part thereof must be received by seller prior to the date of shipment, and in case of reconsignment or return of goods to seller, purchaser shall pay the entire cost connected therewith, plus zero, ten or twenty-five percent of selling price, as determined by Company's policy from time to time, as liquidated damages for loss of sale. Purchaser will be responsible for collection and payment of all Federal, State and local taxes that apply on the retail sales.

PLEASE USE PART NUMBERS

DO NOT USE FOR

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F-1040

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