

SERVICE BULLETIN



M-1179

Safety Recall Code 0121

October 25, 2005

SAFETY RECALL-2006 FLHXI MIRROR RELOCATION

Purpose

Harley-Davidson Motor Company, Inc. has learned that a condition affecting safety exists on some 2006 FLHX and FLHXI model motorcycles. The affected vehicles were built with mirrors that were improperly located on the inner fairing. Due to this improper mounting location, it is not possible to adjust the mirrors properly. This denies the rider the ability to obtain the appropriate rearward field of vision, thereby presenting the risk of a crash and possible injury or death.

In the interest of motor vehicle safety and customer satisfaction, Harley-Davidson has elected to initiate a voluntary recall (Campaign 0121) to allow us to formally recall all affected vehicles. As required by law, you may sell but NOT DELIVER any affected motorcycles to your customers until the recall is performed.

See **Required Dealer Action** to perform the recall service.

Motorcycles Affected

This campaign involves 2006 FLHX/I motorcycles built from June 8, 2005 through August 15, 2005 and sold in the domestic and HDI markets.

Customer Notification

In accordance with Federal regulations administered by NHTSA, Harley-Davidson Motor Company, Inc. will provide notice to all owners of record of affected products with direction to bring the vehicle in for the recall service.

To protect the safety of our riders, it is our mutual responsibility to ensure 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 are also required to perform the recall service on all affected vehicles in your dealership inventory prior to delivering, renting or leasing those vehicles.

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

IMPORTANT NOTE

Because only registered owners will receive notification from us, we request that you contact any owners of vehicles that your records show 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 VINs 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).

Decal kits will be available for shipment the week of 11/1/05. Mirror kits will be available for shipment the week of 12/1/05.

NOTE

No orders for either kit will be accepted prior to availability date.

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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Required Dealer Action

There are three possible remedies to correct this situation, at the option of the owner. They are:

Option 1: Reposition the mirrors by drilling another hole in the proper location in the existing inner fairing. This method will cause the original hole to be slightly exposed outside of the mirror base, which may be cosmetically undesirable. The exposed hole would be covered with a decal.

Option 2: Reposition the mirrors as in option 1, but, if the decal is not acceptable to the customer, replace the mirrors at a later date with redesigned mirrors that will have a larger base which will cover the original mounting hole.

If customer is not agreeable with Option 1 or 2, Option 3 becomes available. **This is the least desirable option due to extent of vehicle disassembly required.**

Option 3: Replace the inner fairing with a new inner fairing that has the mirror locating holes drilled in the proper position.

Proceed as follows:

1. Remove outer fairing. See UPPER FAIRING/WINDSHIELD (FLHX, FLHT/C/U) in the TOURING MODELS SERVICE MANUAL.
2. Remove mirrors. See MIRRORS in the TOURING MODELS SERVICE MANUAL.
3. Depending on the repair/replacement option selected by the customer, proceed to OPTION 1 PROCEDURE, OPTION 2 PROCEDURE or OPTION 3 PROCEDURE which follow.

OPTION 1 PROCEDURE

1. Obtain a drilling template. One template is included in each decal kit and in each mirror kit.
2. See Figure 1. Place template (1) on inside of inner fairing as shown to locate mounting holes for mirror. Make sure entire template lays flush against fairing contour.
3. Begin by drilling a 1/8 inch (3.175 mm) pilot hole at each location (2, 3) marked on the template. Remove template.
4. For the center hole (2) where the 3/8 inch (9.525 mm) threaded stud passes through the fairing use a 13/32 inch (10.319 mm) diameter twist drill to drill the hole to its final size. For the alignment hole (3), use a 7/32 inch (5.556 mm) diameter twist drill to drill the hole to the final size.
5. Deburr holes and clean drilling debris from fairing.
6. See Figure 2. Peel backing from decal. Carefully position decal over old mirror mounting holes on outside of inner fairing; place decal as close to new holes as possible, making sure that decal completely overlaps and covers old holes. Press decal in place.
7. Repeat steps 2 – 6 at other mirror location.
8. Install mirrors in freshly drilled locations. See MIRRORS in the TOURING MODELS SERVICE MANUAL. See Figure 3. Do NOT tighten flange nut to more than 15 In-lbs (1.7 Nm).

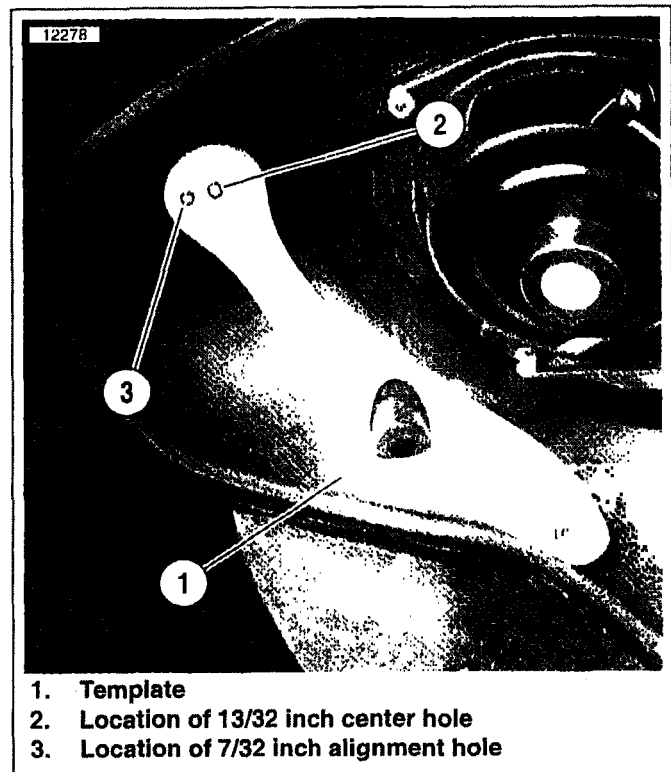
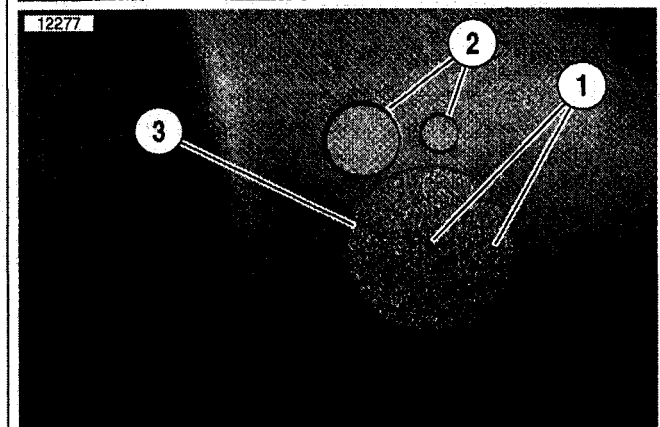
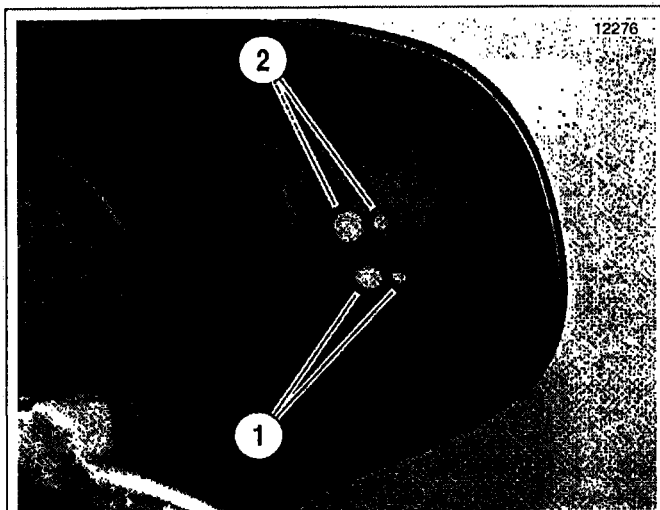


Figure 1. Drilling Template Position



- 1. Original mirror mounting holes
- 2. New mirror mounting holes
- 3. Decal

Figure 2. Decal



Figure 3. Option 1 Complete

OPTION 2 PROCEDURE

1. Perform the procedure in OPTION 1 PROCEDURE on the previous page. Then perform the procedure in ALL below.
2. When new mirrors are available, schedule another appointment for the customer to bring the motorcycle to the dealership. If customer has not had Option 1 performed yet, complete steps 2 – 5 of OPTION 1 PROCEDURE for each mirror location. If customer has already had Option 1 performed and wishes to have Option 2 performed also, proceed as follows:
 - a. Remove outer fairing.
 - b. Remove old mirrors.
 - c. Carefully remove decals that were installed under OPTION 1 PROCEDURE. Discard decals.
3. Install new mirrors. See MIRRORS in the TOURING MODELS SERVICE MANUAL. Do NOT tighten flange nut to more than 15 in-lbs (1.7 Nm).
4. Continue with procedure under ALL, below.

NOTE

If customer elects Option 1 and then finds the decal is not acceptable, you still need to complete a Dealer Service Card under Credit Procedure—Option 1. You will then have to file a warranty claim to receive credit for installing the redesigned mirrors. See Version A under Credit Procedure—Option 2.

OPTION 3 PROCEDURE

1. Contact Technical Services and obtain authorization to replace inner fairing.
2. Remove inner fairing. See UPPER FAIRING/WINDSHIELD (FLHX, FLHT/C/U) in the TOURING MODELS SERVICE MANUAL.
3. Install new inner fairing (Part No. 58199-06).
4. Install original mirrors. See MIRRORS in the TOURING MODELS SERVICE MANUAL. Do NOT tighten flange nut to more than 15 in-lbs (1.7 Nm).

ALL

1. Install outer fairing. See UPPER FAIRING/WINDSHIELD (FLHX, FLHT/C/U) in the TOURING MODELS SERVICE MANUAL.
2. Turn on ignition switch and start engine. Check all switches, gauges, lamps and accessories to make sure electrical system is functioning properly.
3. Adjust mirrors for proper rear view.

Credit Procedure—Option 1

All kits will be shipped no charge transportation paid. Fax a copy of the attached order form to the Warranty Department at (414) 343-8346.

Complete a Dealer Service Card for each vehicle serviced. Be sure to list the Safety Recall Code, 0121, on the card. Place an "I" in the letter box. Send to: Harley-Davidson Motor Company, Warranty Return Dept., 3801 W. Juneau Avenue, Milwaukee, WI. 53208.

Upon receipt of the properly completed Dealer Service Card, you will be credited 0.5 hours labor for drilling the holes, installing the decals and repositioning the mirrors. This includes 0.1 hours for dealer administration time.

Credit Procedure—Option 2

Complete a Dealer Service Card for each vehicle serviced. Be sure to list the Safety Recall Code, 0121, on the card. Place a "C" in the letter box.

Kit #2	Contents
Part No. 94420	mirror (2)

All kits will be shipped no charge transportation paid. Fax a copy of the attached order form to the Warranty Department at (414) 343-8346 (VIN required).

NOTE

If customer had Option 1 performed and is now having Option 2 performed, follow Version A which follows. If customer has not had Option 1 performed and is now having Option 2 performed, follow Version B.

Version A

If customer had Option 1 performed, you will need to file an electronic warranty claim referencing Service Bulletin M-1179. Fill in the rest of the claim as follows:

Claim Type	MIR
Quantity	1
Event 1, Problem Part No.	94420
Part Description	Mirror Kit
Primary Labor Code - Time	6539 - 0.5
Customer Concern Code	0121
Condition Code	2109

Upon processing of the properly submitted electronic claim, you will receive a bar coded label to return both mirrors. Be sure to tag each mirror and to return before the due date on the parts return tag. Upon receipt of the mirrors you will be credited 0.4 hours for removing decal and mirrors and replacing with redesigned mirrors. This includes 0.1 hours for dealer administration time. You will also be credited the cost of return postage.

Version B

If customer did not have Option 1 performed previously, package the mirrors that were removed and a properly completed Dealer Service Card and send to: Harley-Davidson Motor Company, Warranty Return Dept., 3801 W. Juneau Ave., Milwaukee, WI 53208.

Upon receipt of the mirrors and a properly completed Dealer Service Card, you will be credited 0.4 hours for removing mirrors and replacing with mirrors that have new mount. This includes 0.1 hours for dealer administration time. You will also be credited the cost of return postage.

Credit Procedure—Option 3

After contacting Technical Services and receiving authorization to replace inner fairing, complete a Dealer Service Card for each vehicle serviced. Be sure to list the Safety Recall Code, 0121, on the card. Place an "R" in the letter box.

Package the original inner fairing and a properly completed Dealer Service Card and send to: Harley-Davidson Motor Company, Warranty Return Dept., 3801 W. Juneau Ave., Milwaukee, WI 53208.

Upon receipt of the inner fairing and a properly completed Dealer Service Card, you will be credited 1.8 hours for performing this procedure. This includes 0.1 hours for dealer administration time. You will also be credited the cost of return postage.