

# SERVICE BULLETIN



M-1207

Safety Recall Code 0130

May 3, 2007

## 2007 SOFTAIL BATTERY CABLE ROUTING RECALL

### Purpose

Harley-Davidson has determined that a condition affecting motor vehicle safety exists on certain 2007 Softails. These vehicles were built with a condition that permits the positive battery cable to contact a weld bead on the oil tank. This may cause the weld bead to abrade through the insulation on the cable and cause an electrical short from the battery through the oil tank and oil lines. This could lead to an oil leak and/or possible fire, which could result in injury or death to the rider.

In the interest of motor vehicle safety and customer satisfaction, Harley-Davidson has elected to initiate a voluntary recall (0130). Recall consists of installing a battery caddy which includes a cable routing channel and protective shield preventing the possibility of contact between the positive battery cable and the oil tank weld bead. You may sell but not deliver any affected motorcycles to your customers until the remedy is completed.

### Motorcycles Affected

This recall applies to all 2007 Softail motorcycles built from 6/8/06 through 3/14/07. A VIN list specific to vehicles shipped to your dealership is available via [h-dnet.com](http://h-dnet.com) and is no longer attached to mailed bulletins. This list may be found by following this path:

[h-dnet.com/Service/SafetyCampaignandProductCampaign/SafetyCampaign](http://h-dnet.com/Service/SafetyCampaignandProductCampaign/SafetyCampaign) and Open VIN lists. Select 0130 campaign to view VIN list.

#### NOTE

*If the vehicle does not appear on your dealer VIN list, refer to Safety and Product Campaign History by VIN link to verify if vehicle is affected.*

### Customer Notification

In accordance with Federal regulations administrated 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](http://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 V.I.N.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).***

### Kit Ordering Information

Initial wave shipments of replacement parts (Part No. 94547) will be made the week of April 30, 2007.

All kits will be shipped no charge, transportation paid via UPS1.

If additional kits are needed, fill in the attached order form and fax it to the Warranty department at 414-343-8346. You must include your dealer name, address and dealer number.

#### NOTES

- *No kit orders will be accepted prior to the termination of the wave shipment date. Orders received prior to the termination of the wave shipments will be discarded. A termination notice will be sent.*
- *Upon completion of the recall on any vehicle, please be certain to follow the instructions listed under "Credit Procedure" and submit your recall claims promptly.*

#### 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	WARRANTY PROCESS MANAGER	RETURN THIS TO
INITIAL HERE									

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## Required Dealer Action

### NOTE

Refer to the 2007 Softall Models Service Manual (Part No. 99482-07), which contains instructions on removing and installing battery.

1. Remove seat.

### WARNING

Disconnect negative (-) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury. (00049a)

2. Remove battery. Remove battery cushion (part number 66210-07) from battery. Discard cushion.
3. Inspect positive battery cable. Replace positive battery cable if there is any chafing or damage. (Submit a properly completed "MC" claim for replacing any chafed or damaged battery cables following normal warranty procedures.
4. See Figure 1. Reposition positive battery cable routing at starter. Cable must face  $35^{\circ}$  forward from left side of vehicle  $\pm 10^{\circ}$ .
5. Loosen starter nut and adjust positive cable to proper orientation. Tighten starter nut to 70-90 In-lbs (7.9-10.2 Nm).
6. See Figure 2. Clip battery caddy to front of battery tray. Be sure tabs (2) of caddy fit over rear of battery tray (3).
7. See Figure 3. Install positive battery cable (1) into clip in caddy. Be sure S-shaped bend (3) in cable is present and cable conduit (2) is positioned adjacent to terminal as shown.
8. Route rear oxygen sensor harness (4) through clip (5).

### WARNING

Connect positive (+) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury. (00068a)

9. Install battery. Tighten battery terminal fasteners to 60-96 In-lbs (6.8-10.9 Nm).

### WARNING

After installing seat, pull upward on seat to be sure it is locked in position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070b)

10. Install seat.

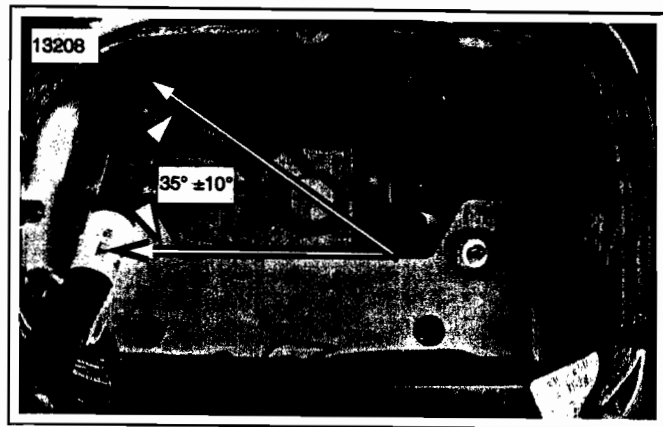
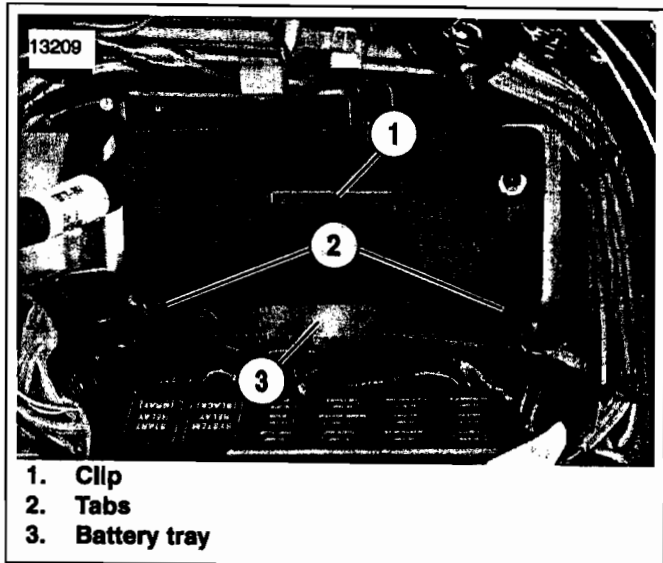
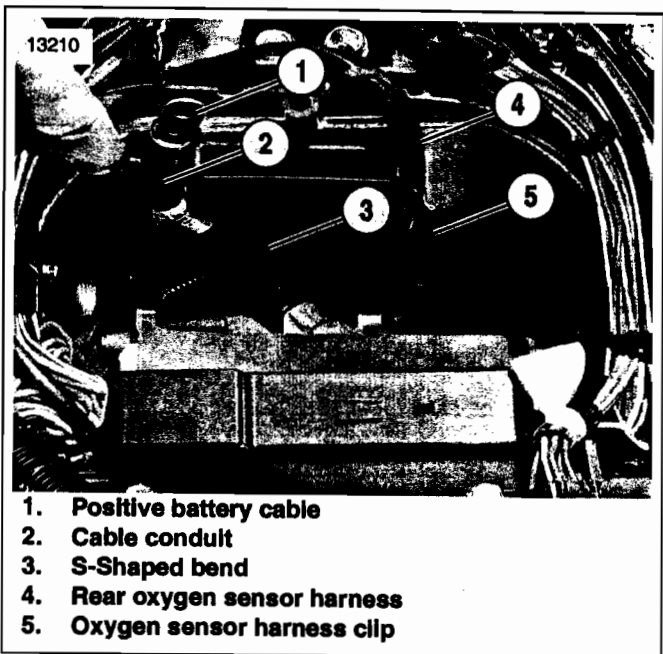


Figure 1. Battery Cable Orientation



1. Clip
2. Tabs
3. Battery tray

Figure 2. Battery Caddy



1. Positive battery cable
2. Cable conduit
3. S-Shaped bend
4. Rear oxygen sensor harness
5. Oxygen sensor harness clip

Figure 3. Battery Caddy Wiring

**Table 1. Safety Recall Code 0130  
Kit 94547 Contents**

Item	Part No.	Quantity
Battery caddy	70111-07	1

**Credit Procedures for all Talon/  
h-dnet.com/Lightspeed Warranty  
Claim Systems Users**

For each vehicle serviced, file an electronic recall claim as follows:

Entry Field	Enter
Claim Type	SRC
Event Problem Part	70078-00A
Quantity	Leave blank
Primary Labor Code*	5720
Time	0.3
Customer Concern Code*	0130
Condition Code for Problem Part Number*	9981
Replacement Part #	94547
Quantity	1
* These new codes may need to be downloaded into your system.	
<b>IMPORTANT NOTE:</b> In order to submit an accurate recall claim, you must use the appropriate condition code for the Problem Part as specified.	

Upon the timely receipt and processing of the recall claim, you will be credited 0.3 hours of labor for performing the recall procedure, plus appropriate market administrative time. The recall record will be updated.

**NOTE**

*Each vehicle recall completion must be filed on an individual claim. Please do not submit additional warranty events on these claims.*

**Credit Procedures for all other  
Warranty Claim System Users**

For each vehicle serviced, file a claim supplying all necessary information as follows:

- Dealer Number
- Repair Order Number
- Claim Date
- Product Campaign (0130)
- Fix I.D. (C)
- Full seventeen-character V.I.N.

Upon receipt and processing of the properly completed recall claim information, you will receive appropriate credit for your market, including; 0.3 hours labor, plus appropriate market administrative time.



*SAMPLE*

May 4, 2007

Dear Harley-Davidson Motorcycle Owner:

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

Harley-Davidson Motor Company, Inc. has decided that a defect relating to motor vehicle safety exists on certain 2007 Softail model (FXST, FXSTB, FXSTC, FXSTD, FXSTSSE, FLSTC, FLSTF, FLSTN, FLSTSC, FLSTC Shrine, and FLSTF Shrine) vehicles built from June 8, 2006 through March 14, 2007. These motorcycles were built with a condition that permits the positive battery cable to contact a weld bead on the oil tank. This may cause the weld bead to abrade through the insulation on the cable and cause an electrical short from the battery through the oil tank and oil lines. This could lead to an oil leak and/or possible fire, which could result in injury or death to the rider.

Our records indicate that you purchased one of the model motorcycles listed above that may have the condition involved in this recall.

**We strongly urge you to contact your dealer to make arrangements to have the appropriate service performed as soon as possible.**

Please contact your Harley-Davidson motorcycle dealer immediately and arrange an appointment to have a battery caddy installed that will protect the cable and ensure proper cable routing. Actual dealer labor time to perform this service will be less than one hour; however, due to scheduling, the dealer may require your motorcycle for a longer period of time. The parts and labor will be free of charge to you. Recall kits will be available at your dealership beginning the week of May, 7, 2007.

To verify that the service has been completed, your Dealer will ask you to sign a recall claim. If you have sold your motorcycle, please forward the appropriate information about your purchaser. This will enable us to contact him/her and advise that person of this recall. Also, Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

If you have had this defect repaired before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with

this recall. For more information contact Harley-Davidson at 1-414-343-4056. Should you choose to ride your motorcycle prior to this service, we urge you to be aware of this condition.

If you take your motorcycle to your dealer on a mutually agreed upon date and they do not perform the required service to your satisfaction, please contact Harley-Davidson Motor Company, Inc. for immediate assistance at the address or telephone number listed on this letterhead. If your dealer or Harley-Davidson Motor Company, Inc. fails or is unable to remedy your motorcycle without charge within a reasonable time, you may wish to inform the Administrator, The National Highway Traffic Safety Administration, 400 Seventh Street, SW, Washington, DC 25090, or call the toll-free Auto Safety Hotline at 1-888-DASH-2DOT (TTY: 1-800-424-9153); or contact NHTSA at <http://www.safercar.gov>.

We regret any inconvenience this may cause you, but we are initiating this action in the interest of your personal safety and satisfaction with our products. Thank you for your cooperation.

Sincerely,

Harley-Davidson Motor Company, Inc.  
0130