

SERVICE BULLETIN



M-1024

May 29, 1992

SAFETY RECALL CODE 078 1989/1990 (FX/FL SOFTAIL MODELS) POSITIVE BATTERY CABLE

General

Harley-Davidson has become aware that the positive battery cables previously installed as part of the Code 077 Safety Recall could possibly fail in service. This condition could result in loss of electrical system functions of ignition, lights and accessories on vehicles using these cables.

As a precautionary measure, Harley-Davidson recently elected to initiate a voluntary recall in the interest of motor vehicle safety. This voluntary recall applies only to all 1989 and 1990 FX/FL Softail model motorcycles previously corrected as part of the Code 077 Recall. The potential problem will be remedied by replacing the positive battery cable on the potentially affected motorcycles.

We have attached a list that contains both registered owners of vehicles and unregistered vehicles delivered to your dealership which are involved in this campaign. To ensure the safety of all affected riders, it is your responsibility to perform the required service on all potentially affected vehicles even if the motorcycle was not purchased from your dealership. We are enclosing sufficient blank Dealer Service Cards for those vehicles. If necessary, additional cards are available through the Harley-Davidson Service Department.

If you are not sure that a safety recall has been completed on a particular motorcycle or a motorcycle is involved in a particular recall campaign, contact the Harley-Davidson Recall Information Line at 1-800-448-1708 for a computer check of our recall records.

WARNING

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.

Your total shipment of code 078 kits, Part Number 93671, will begin on June 1, 1992. If additional kits are needed, order them on the attached green 078 order form. Kits ordered on this form will also be sent no charge, transportation paid. Please note, replacement cables for the 077 recall will be sent separately the first week in June.

Existing Parts Stock

As per our mailgram ML-327, all dealers must take the following action.

1. Cease sale of positive battery cable, Part Number 70268-92.
2. Cease correction of vehicles involved in Safety Recall 077 (positive battery cable).
3. Remove the positive cable from all kits, Part Number 93652 in your inventory. Collect all other 70268-92 cables in your inventory. Package these cables with one properly completed warranty claim form, clearly listing the total quantity. Return the cables to Milwaukee following your normal warranty procedures, referencing Mailgram ML-327.

Upon receipt of a properly completed warranty claim form you will be credited for shipping cost. Credit will not be issued for parts since they were shipped no charge. Harley-Davidson will replace each 70268-92 cable returned at no charge, as soon as possible.

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									

1992 Harley-Davidson, Inc.

Procedure

1. Remove seat.
2. Disconnect battery negative cable at battery terminal.
3. Disconnect positive cable and vent hose at battery. Remove battery and cushion.
4. Disconnect positive cable from starter. DO NOT discard cable or starter terminal nut. Cable must be returned to factory for credit.
5. See Illustration. The cable terminals have two different-sized holes; a large hole and a small hole. The small hole terminal is fastened to the battery; the large hole terminal is fastened to the starter. The starter end of the cable has a 15° bend.

NOTE

The purpose of the 15° bend is to help prevent the cable being pulled tightly against the oil tank when the starter terminal nut is tightened.

CAUTION

DO NOT rip, tear or damage the boot. Apply Armor-all® or soapy water to the cable to ease installation.

6. Install the starter terminal boot on the cable.

CAUTION

DO NOT rip, tear or damage the cable guide. Apply Armor-all® or soapy water to the cable to ease installation.

NOTE

The battery cushion has two molded-in cable guides; a long one and a short one. The longer of the two is the positive side cable guide.

7. Slide the battery end of the cable into the positive side cable guide from the bottom.
8. Place the starter end of the battery cable into the cable opening in the oil tank. Install the assembly in the oil tank. Be sure the battery cushion is properly seated in the bottom of the oil tank.

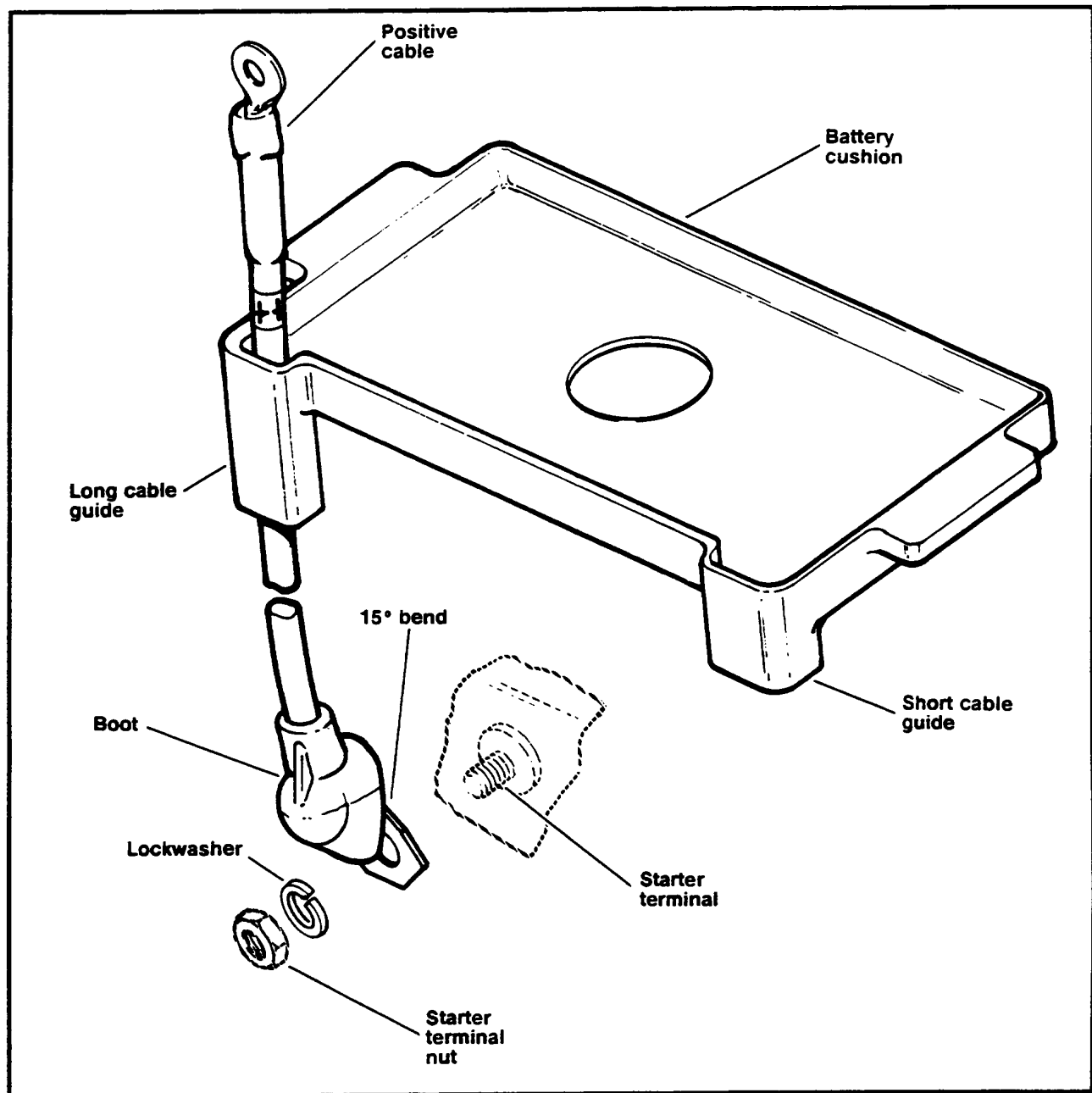
CAUTION

Be sure the 15° bend is installed over the starter terminal so the cable leans slightly, toward the starter. This will help prevent the cable being pulled against the oil tank and chafing during vehicle operation.

9. Place the positive cable starter end over the starter terminal. Install the lockwasher and the nut. Hold cable end securely, so it does not twist and tighten nut to 65 - 80 in-lbs torque. Slide the boot over the nut and terminal.
10. Install battery. Connect vent hose. Be sure battery seats fully in the cushion and no lip of the molded cushion has been folded under the edge of the battery. Apply Armor-all® or soapy water to the cushion to ease installation.
11. Connect the positive cable first, then the negative cable. Be sure cables are not touching sides of oil tank. Check cables for kinks or tightness.
12. Install seat.

Credit Procedure

1. After servicing each vehicle, be sure to completely fill out the special Dealer Service Card provided. For each vehicle serviced, place a "C" in the letter box and a "1" in the quantity box. Fill in your Dealer Account Number, VIN (Vehicle Identification Number), your dealership name and address and the owner information, if blank.
2. Package the original, replaced positive battery cable and the properly completed Dealer Service Card.
3. Attach a return address P-Label. Form Number 1248 to the outside of the package.
4. Upon receipt of each replaced positive battery cable and the properly completed Dealer Service Card, you will be credited for postage and labor. The labor time, 0.3 hour includes 0.1 hour for dealer administrative time. Credit will not be issued for parts because they were shipped no charge, transportation paid.



Softail Models Positive Battery Cable



S O L D T O

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

S H - P T O

FOR OFFICE USE ONLY
ACCT. 173-769.2
FRT. ACCT. 173-769.3

[illegible]

All goods covered by this order, including goods back-ordered, will be billed at prices current at the time of shipment. Goods are purchased for resale and delivery is made to purchaser F.O.B. factory, Milwaukee, Wisconsin or other point of origin. If accepted this order as accepted shall signify to availability of goods to seller for delivery to purchaser. Any delay in shipment shall not relieve purchaser of responsibility for his accepted order and 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 after it has been received by seller prior to the date of shipment, and in case of replacement or return of goods to seller, purchaser shall pay the entire cost connected therewith, plus ten or twenty-five percent of selling price, as determined by Company policy from time to time. Purchaser will be responsible for collection and payment of all freight, state and local taxes that apply on the order and invoice.

PLEASE USE PART NUMBERS
DO NOT USE FOR
CORRESPONDENCE

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IN U.S.A.