

# SERVICE BULLETIN



M-978

MAY 3, 1989

## SAFETY RECALL CODE 066 1989 XL POSITIVE BATTERY CABLE

### General

Harley-Davidson, Inc. has become aware the possibility exists that the positive battery cable used on some 1989 XL model motorcycles could develop a short circuit due to excessive wear and chafing if routed in a certain position. If this occurred the battery cable might overheat possibly to a degree which might cause a vehicle fire.

As a precautionary measure Harley-Davidson has elected to initiate a voluntary recall campaign in the interest of motor vehicle safety. The potential problem will be remedied by replacing the positive battery cable on the potentially affected vehicles with a longer cable using a revised routing. This recall applies to 1989 XL model motorcycles manufactured at our York, Pennsylvania assembly plant from the beginning of the 1989 model year May 20, 1988, through December 11, 1988.

All registered owners of record are being notified by mail to contact you to arrange to have the service performed at no charge to them (see enclosed letter). Each registered owner letter will include a Dealer Service Card 066 which must be completed, dated and signed by both the customer and the dealer.

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

### 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.

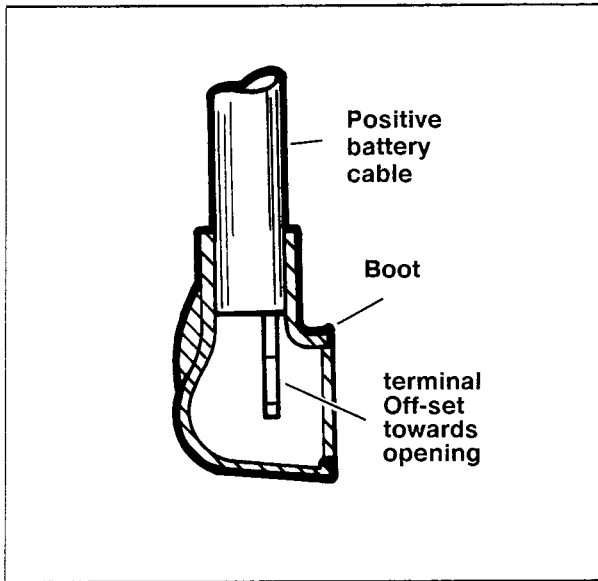
If you are not sure that a safety recall has been completed on a particular motorcycle contact the Harley-Davidson Service Department for a computer check of our recall records.

An initial shipment of battery cable kits, Part Number 93610, consisting of 80% of your anticipated requirements will begin on Friday May 5, 1989. All code 066 kits will be shipped no charge, transportation paid. Once you receive your initial shipment, carefully calculate your remaining requirements and order them on the attached green order form. 066 kits ordered on this form will also be sent no charge, transportation paid.

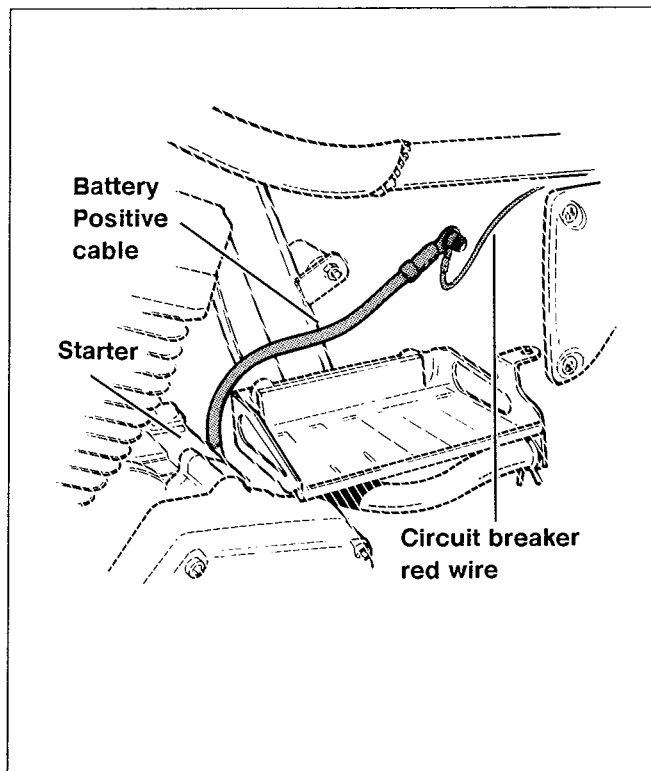
### Replacement procedure

1. Remove Phillips head screw and nylon washer at rear of seat. On 883 vehicles remove the solo seat, on 1200 and 883 Deluxe vehicles twist the seat and grab strap to provide access to top of battery.
2. Remove nut from end of battery hold-down strap. Free strap and battery cover.
3. Remove the negative battery cable with a 10 mm. box end wrench.
4. Remove bolt from battery positive terminal with 10mm. box end wrench. Remove the battery.

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									



**Figure 1. Boot Mounting**



**Figure 2. Cable Routing**

5. Remove nut attaching opposite end of battery positive cable to starter using a 12mm. socket and ratchet extension with universal joint. Hold original cable for return.
6. See Figure 1. Using the new cable supplied in the kit, roll open end of boot back onto cable exposing ring terminal end.
7. Attach large ring terminal to starter stud with lockwasher and 12 mm. nut. Tighten nut with socket and flex driver. Roll boot back down over starter terminal.
8. See Figure 2. Route cable upward in front of oil tank. Guide cable between frame backbone and battery.
9. Hold battery on top of battery carrier. Attach positive battery cable and red wire from circuit breaker to battery with bolt, spacer and nut.
10. Attach negative battery cable to battery with bolt, spacer and nut using 10mm. box wrench.
11. Slide battery all the way onto carrier. Place cover over top of battery. Hook battery strap through slot in carrier and bring around top of battery and insert stud end through hole in carrier. Secure strap with washer and nut.
12. Install seat. Secure seat with nylon washer and Phillips head screw.

### **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, the Service code 066, the Vehicle Identification Number and your dealership name and address along with the owner information if blank.
2. Package the original positive battery cable along with 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 battery cable and the properly completed Dealer Service Card, you will be credited for return postage along with 0.3 hour for each completion. The time allowance includes an additional 0.1 hour for dealer administrative time. Credit will not be issued for parts as they were shipped no charge transportation paid.