

SERVICE BULLETIN



M-1008

December 21, 1990

SAFETY RECALL 074 TURN SIGNAL CONTROL MODULE

General

Harley-Davidson, Inc. has determined that some late model 1990 FLT family motorcycles and some early model 1991 motorcycles consisting of all model families, fail to conform to Federal Motor Vehicle Safety Standard 108; Lamps, Reflective Devices and Associated Equipment.

The component in question is the turn signal control module. The possibility exists on some of these motorcycles that, if a front or rear turn signal lamp on one side malfunctions, the other turn signal lamp on the same side and telltale indicator lamp may continue to flash, contrary to Federal Motor Vehicle Safety Standard No. 108. If this condition were to occur, the motorcycle operator might not be aware of the malfunctioning turn signal lamp and also that the turn signal system is not signaling to the surrounding traffic the operator's intention to switch lanes or change directions.

As a precautionary measure, Harley-Davidson recently elected to initiate a voluntary recall in the interest of motor vehicle safety. The potential problem will be remedied by testing the turn signal control modules on the potentially affected motorcycles and replacing the nonconforming modules, if necessary.

This recall applies to all 1990 FLT family motorcycles manufactured and shipped from our York, Pennsylvania assembly plant from 3-13-90 through 9-7-90, and all 1991 models manufactured from the start of the production year through 11-2-90.

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

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 recall information Line at 1-800-448-1708 for a computer check of our recall records.

Each Dealer will receive an initial shipment of twelve (12) turn signal control module kits. Shipments will begin December 26, 1990. All code 074 kits will be shipped no charge, transportation paid. Once you have received your automatic shipment, carefully calculate your remaining requirements and use the attached blue order form to order the appropriate module as listed in Table 1. Code 074 kits ordered on this form will also be sent no charge, transportation paid.

Table I. Module Part Numbers

Module Part Numbers	Usage	Case Color
93631	Domestic use only	Black
93632	Harley-Davidson International use, 4-way flasher option	Gray
93633	Harley-Davidson International use, without 4-way flasher	White

Module Test

GENERAL

The turn signal control module (hereafter referred to as module), on each of these potentially affected vehicles, must be tested in accordance with the following Test Procedure. This test procedure will determine whether the module being tested should be replaced. This procedure applies to all module configurations.

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									

1990 Harley-Davidson, Inc.

TEST PROCEDURE

1. Turn ignition switch ON. On the Softail models press the left turn signal switch. On all other models, press the right turn signal switch. Check that front and rear turn signals flash at a rate of 60 - 120 flashes per minute (FPM). (Six flashes or more in 10 seconds.)
2. Turn ignition switch OFF.
3. See Table II. Remove the lamp (bulb) specified in the "Remove Lamp" column for the motorcycle model being tested.

Table II. TEST CONDITIONS

Models	Lamp To Be Removed	Lamp To Be Checked
FLT, FXR, XLH AND DYNA GLIDE	Right rear	Right front
SOFTAIL	Left rear	Left front

4. Turn ignition switch ON. On the Softail models press the left turn signal switch. On all other models, press the right turn signal switch. Check that the right (or left on Softails) front turn signal **does not flash**. If the front turn signal flashes with the rear lamp on that side removed, the module must be replaced.

MODULE REMOVAL AND INSTALLATION

The module is located on the various models as follows:

Models	Location
FLT	Upper right fork tube
FXR	Behind right side cover
XLH	Behind left side cover
FX/Softail	Under fuel tank console on top frame tube
DYNA GLIDE	On frame tubes under the seat

FLT MODELS

1. Unplug the connector from the module and cut the cable straps that secure the module to the upper right fork tube.

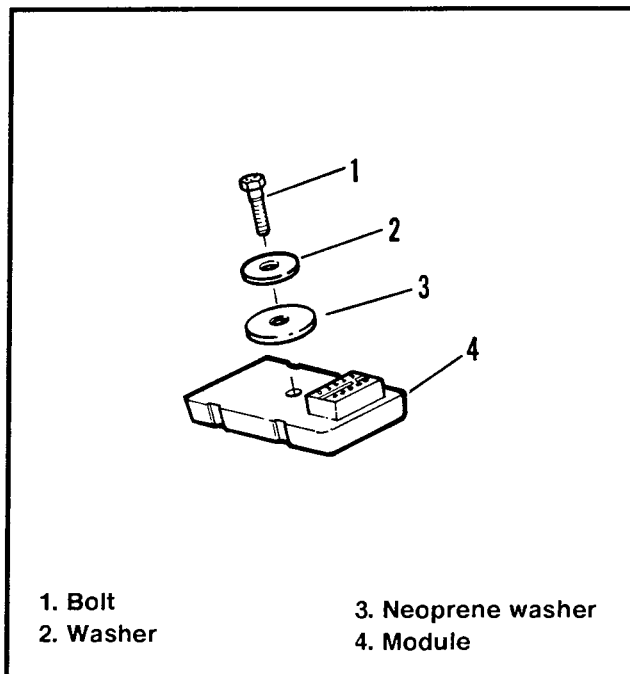
2. Install the new module by reversing the procedure in step 1.

NOTE

The new module is identified with a yellow stripe.

ALL OTHER MODELS

1. Check the module location given in the above tabulation for the model being serviced. Unplug the connector from the module.
2. See the following illustration. Remove bolt (1), washer (2), neoprene washer (3) and module (4).



Module Mounting (Except FLT Models)

3. Install the new module by reversing the procedure in steps 1 and 2 above.

Credit Procedure

If upon testing, the module tested "good" and does not require replacement, completely fill out the special Dealer Service Card provided. For each vehicle inspected place an "I" in the Letter box and a "0" in the Quantity box. Fill in your dealer account number, the service code 074, the Vehicle Identification Number, and your dealership name and address along with the owner information. Send the Dealer Service Card, for inspection only, directly to the Service Department.

For each vehicle serviced which required the module to be replaced, completely fill out the special Dealer Service Card provided. Place a "C" in the Letter box and a "1" in the Quantity box. Fill in your dealer account number, the service code 074, the Vehicle Identification number and your dealership name and address along with the owner information, if blank.

Package the original module along with the properly completed Dealer Service Card. Attach a return address "P" label, form 1248, to the outside of the package.

Upon receipt of each properly completed Dealer Service Card and module, if replaced, you will be credited for labor according to Table III. Credit will not be issued for parts as they are sent no charge. If the module was replaced and returned, postage credit will also be issued. All time allowances include 0.1 of an hour for dealer administrative time.

TABLE III. LABOR ALLOWANCE

MODEL	YEAR	TEST (I)	REPLACE (C)
Softails	91	0.2	0.8
XL	91	0.2	0.4
FLT	91	0.2	0.3
FXR	91	0.2	0.4
(except FXRT)			
FXRT	91	0.2	0.7
FLT	90	0.2	0.3
(except police)			
FLHTP	90	0.2	0.8
(fairing)			
FLHTP	90	0.2	0.4
(windshield)			