



Service Bulletin

AMERICAN HONDA MOTOR CO., INC.

GL1500 #6
JUNE, 1995

RECALL

ALL MODELS OF 1988-1993 GL1500 BANK ANGLE SENSOR REPLACEMENT

Honda Motor Co., Ltd. has determined that a defect which relates to motor vehicle safety exists in all 1988-1993 GL1500 motorcycles.

DESCRIPTION OF DEFECT

The subject motorcycles are equipped with a bank angle sensor designed to shut off the fuel pump and the engine electrical power in the event the motorcycle overturns or falls down. The sensor uses a weighted pendulum damped by an oil-based liquid to detect banking angles. If the sensor's plastic case material is exposed to high temperature for a prolonged period, it may become unacceptably porous and the damping fluid may permeate the case material. As the quantity of damping fluid decreases, less damping force will be exerted on the pendulum. Abrupt turns or riding over bumpy surfaces might allow a sensor, with below normal damping levels, to shut off the engine unexpectedly. Sudden loss of engine power, especially while turning, may cause a crash.

AFFECTED MOTORCYCLES

All models of 1988-1993 GL1500

CUSTOMER NOTIFICATION

American Honda will mail letters to all identifiable owners of 1988-1993 GL1500's informing them that they are entitled to receive the bank angle sensor replacement at no charge for parts and labor. Owners will be instructed to make an appointment to have the sensor replaced as soon as possible.

Your assistance is needed to help ensure that your GL1500 customers are informed of this recall campaign.

For your reference, the customer letter is reproduced on page 3 of this bulletin.

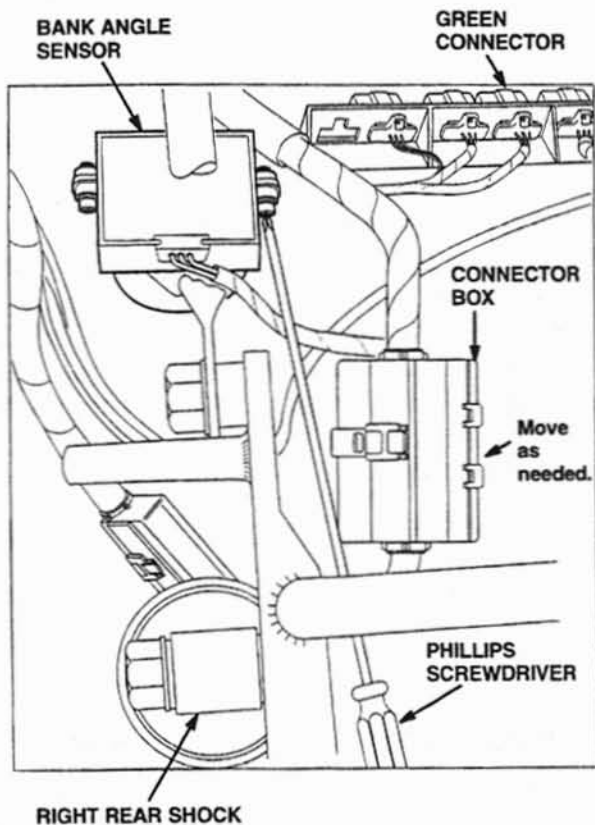
DEALER INVENTORY OF GL1500's

Any 1988-1993 GL1500 in your inventory must have the bank angle sensor replaced before release to the customer. DO NOT release any 1988-1993 GL1500 until the recall procedure has been completed.

goldwingdocs.com

REPAIR PROCEDURE

1. Remove the seat.
2. Move the wire harness and electrical connector box as needed for access to the bank angle sensor screws.
3. Support the back of the sensor mounting bracket; use a long Phillips head screwdriver to loosen the two screws holding the sensor. Then use a magnet to remove the screws.



4. Disconnect the *green* electrical connector.
5. Install the new sensor and connect the *green* connector.
6. If the wire harness and electrical connector box were moved in step #2, reposition and secure them.
7. Install the seat.

IDENTIFICATION

Mark the motorcycle as follows to identify units that have had the sensor replaced as part of this recall campaign.

- remove the front *right* side cover (covering the engine oil dipstick)

- stamp an "X" mark on the lower frame rail below the engine mount as shown



- reinstall the side cover

PARTS INFORMATION

Bank Angle Sensor Kit – 1 required
The kit contains one sensor and two 4x20 mm screw-washers.

P/N: 06352-MAF-000

H/C: 4823191

(The replacement sensor is marked "POM" next to the "UP" mark on the mounting surface.)

WARRANTY INFORMATION

This recall will be in effect until the bank angle sensors on all 1988-1993 GL1500's have been replaced according to this bulletin, regardless of the date of purchase. Submit one claim per VIN using the following information. *Do not enter any information on your claim which is not listed in this Service Bulletin.*

- Template Claim Type (DCS only):
Template # J97A
- Non DCS (Regular Claim Type):
Defect Code: 665
Failed Part Number: 06352-MAF-000
(Failed Honda Code: 4823191)
Contention Code: J97
Labor Operation Number: 617925
Flat Rate Time: 0.3 hours
Part Used (P/N): 06352-MAF-000
(Part Used (H/C): 4823191)

Note: The flat rate time for this repair is based on the special replacement procedures in this bulletin.

TEXT OF CUSTOMER LETTER

July, 1995

Dear 1988-1993 GL1500 or 1991-1993 ST1100 Owner:

SUBJECT : SAFETY RECALL NOTICE — Bank Angle Sensor Replacement

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Honda Motor Co., Ltd. has determined that a defect which relates to motor vehicle safety exists in the bank angle sensor of all 1988-1993 GL1500 and 1991-1993 ST1100 motorcycles. Our records show that you own one of these motorcycles.

What is the defect?

The subject motorcycles are equipped with a bank angle sensor designed to shut off the fuel pump and the engine electrical power in the event the motorcycle overturns or falls down. The sensor uses a weighted pendulum damped by an oil-based liquid to detect banking angles. If the sensor's plastic case material is exposed to high temperature for a prolonged period, it may become unacceptably porous and the damping fluid may permeate the case material. As the quantity of damping fluid decreases, less damping force will be exerted on the pendulum. Abrupt turns or riding over bumpy surfaces might allow a sensor, with below normal damping levels, to shut off the engine unexpectedly. Sudden loss of engine power, especially while turning, may cause a crash.

What should you do?

Please contact your nearest authorized Honda motorcycle dealer and make an appointment. The dealer will replace the bank angle sensor with an improved part that is now available. Although this repair will take less than an hour to complete, you should plan to leave your motorcycle at the dealership for a day. This will allow the dealer some flexibility in scheduling other customers. The replacement will be done at no charge to you for parts and labor.

Bank angle sensor reimbursement.

If you have previously paid for bank angle sensor replacement, you *may* be eligible for reimbursement. Please refer to the attached *Request for Reimbursement* form for details.

Who to contact if you experience problems.

If you are not satisfied with the service you receive from your Honda motorcycle dealer, you may write to:

American Honda Motor Co., Inc.
Motorcycle Customer Relations (100-4W-5B)
1919 Torrance Blvd.
Torrance, CA 90501-2746

If you believe that American Honda or the dealer has failed or is unable to remedy the defect in your motorcycle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator
National Highway Traffic Safety Administration
400 Seventh St., S.W.,
Washington, D.C. 20590

Or, call the toll-free Auto Safety Hotline at (800) 424-9393 (residents of Washington, D.C. may call 202-366-0123).

If this letter is incorrect.

If you have moved or no longer own your 1988-1993 GL1500 or 1991-1993 ST1100, please take a moment to complete and mail the enclosed *Information Change Card* so that we can update our records.

We apologize for any inconvenience this may cause you.

Sincerely,

AMERICAN HONDA MOTOR CO., INC.
Motorcycle Division