



# Service Bulletin

American Honda Motor Co., Inc.

## SAFETY RECALL

### 2002-2003 GL1800/A Frame Weld

American Honda is conducting a Safety Recall on affected 2002-2003 GL1800/A Gold Wings to reinforce frame welds.

Some units within the affected VIN range may have lower crossmember frame welds that do not meet original manufacturing specifications. Under certain conditions, some existing unreinforced welds can crack, or fail.

The repair procedure consists of adding additional TIG welding to the frame where the lower cross member joins the side rails.

#### AFFECTED UNITS

##### 2002

GL1800 (Non-ABS):  
1HFSC470\*2A111803 thru 1HFSC470\*2A113582

GL1800A (ABS):  
1HFSC474\*2A102394 thru 1HFSC474\*2A102823

##### 2003

GL1800 (Non-ABS):  
1HFSC470\*3A200001 thru 1HFSC470\*3A204860

GL1800A (ABS):  
1HFSC474\*3A200001 thru 1HFSC474\*3A201126

(\* ) = Check digit

NOTE: Trikes and vehicles with sidecars attached are excluded from this Safety Recall.

#### CUSTOMER NOTIFICATION

American Honda has sent a letter to owners of all affected 2002-2003 GL1800/A Gold Wings informing them they must bring their motorcycles to a Honda motorcycle dealer to have the Safety Recall procedure performed.

Your assistance is needed to ensure that your GL1800/A customers are informed of this Safety Recall. For your reference, the text of the customer letter is reproduced on page 4 of this bulletin. The repair must be performed on any affected motorcycle brought to your dealership.

#### DEALER INVENTORY

DO NOT sell any affected 2002-2003 GL1800/A until the repair has been completed. All new or used affected units in your inventory **must** be repaired before release to the customer.

#### INSPECTION

Before you begin this repair, check if the unit has already had the repair performed.

**If the unit has been repaired**, you should find a punch mark on the lower right hand corner of the VIN plate (see IDENTIFICATION).

**If the unit has not been repaired**, determine if the lower crossmember frame welds are cracked.

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use *only* by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your Honda. These procedures should not be attempted by do-it yourselfers, and you should not assume this bulletin applies to your Honda, or that your Honda has the condition described. To determine whether this information applies, contact an authorized Honda dealer.

- If your inspection identifies a crack or cracks in or on either Left or Right lower crossmember frame welds, **STOP** – call your DSM or TechLine for further instructions.
- If your inspection reveals no cracks, proceed to REPAIR PROCEDURE.

NOTE: Verification of repair can also be found in the Dealer Responsibility Report and on the Honda Interactive Network (iN). If you have any questions about verification, please contact TechLine **before** proceeding.

### **REPAIR PROCEDURE OVERVIEW**

**IMPORTANT:** For complete Dealer and Welder Repair procedures, refer to the following items:

- **2002-2003 GL1800/A Frame Weld Safety Recall Dealer Booklet** (S0510)
- **Frame Weld Inspection Chart** (S0513)

You **MUST** provide your TIG welder with the following items:

- **2002-2003 GL1800/A Frame Weld Safety Recall Welding Manual** (S0511)
- **Welding Template Box** (S0512)

All of the above items were shipped to you with this Service Bulletin. If you need additional copies of the *Dealer Booklet*, *Welding Manual*, *Welding Template Box*, or *Frame Weld Inspection Chart*, you may order them at no cost from DDS at (440) 572-0725.

For your reference, a brief repair procedure overview is provided below.

### **Disassembly Overview**

You will be removing the following components from the vehicle as instructed in the *Dealer Booklet*:

- Handlebar weights
- Rear view mirrors
- Swingarm pivot covers
- Rider foot pegs
- Seat
- Side covers/Engine side covers
- Fairing pockets
- Fairing molding
- Meter panel
- Top shelter

- Battery
- Fuel tank
- Main wiring harness ground
- Front lower fairing
- Front exhaust pipe protector
- Muffler/exhaust pipe
- Antenna Whip(s)
- Coolant reserve tank
- Center stand

NOTE: You will need to remove any accessories that may contact the ground during the Welding and Re-assembly procedures.

**IMPORTANT:** You **MUST** cover the following with RED duct tape for welder identification purposes:

- Negative (-) and positive (+) battery cables
- Fuel return hose end
- Fuel feed hose end
- Main wiring harness ground
- Alternator
- Exhaust ports

### **Welding Overview**

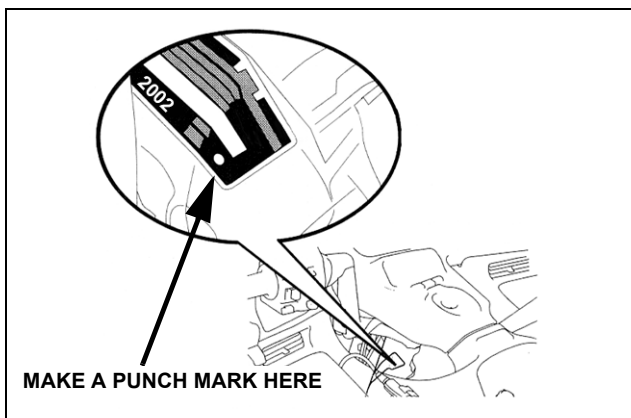
A qualified TIG welder will weld the frame following the procedures in the *2002-2003 GL1800/A Frame Weld Safety Recall Welding Manual*.

### **Re-assembly Overview**

You will be inspecting the new TIG welds, painting the frame, and re-assembling the vehicle as detailed in the *Dealer Booklet* and *Frame Weld Inspection Chart* (S0513).

### **REPAIR IDENTIFICATION**

After you have completed the disassembly, welding, painting, and re-assembly procedures, make a punch mark on the lower right hand corner of the VIN plate, as shown below.



## PARTS INFORMATION

You do not need to order this kit. Initial parts kits will be automatically allocated by American Honda based on the number of units invoiced to your dealership. You will be notified when kits are available for open ordering.

### Frame Parts Kit (Weld)

P/N: 18390-MCA-305, H/C: 7620982

This kit includes:

- Fiber washer (8)
- Exhaust gasket (6)
- Muffler packing (3)
- Shock linkage seal (2)
- Fuel feed hose O-ring (1)

NOTE: One kit will be required for each vehicle.

## WARRANTY INFORMATION

This Safety Recall will be in effect until all units have been repaired according to this Service Bulletin, regardless of the date of purchase.

Normal warranty claim submission requirements apply. After completion of the repair, submit one warranty claim per unit with the following information only:

NOTE: If TechLine has provided you with different claim filing instructions, please file your claim per those instructions. You should not file two claims.

### Template # P12A

Template reimbursement includes:

18390-MCA-305 (1) Frame Parts Kit (Weld)

\$2.00 materials reimbursement for paint

Flat Rate Time: 5.5 hours

(Includes disassembly, transport to and from welder, painting and re-assembly, and 1.0 hour for removal/reinstallation of accessories.)

### Sublet for Welding

Be sure to select the following on your template claim:

1. Sublet Involved – Yes
2. Sublet Description – Welding
3. Invoice Number – from invoice
4. Amount – from invoice

## TEXT OF CUSTOMER LETTER

October 2003

### IMPORTANT SAFETY RECALL NOTICE

Dear Gold Wing Owner:

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

#### What is the reason for this notice?

Honda Motor Co., Ltd. has decided that a defect relating to motor vehicle safety exists in certain 2002 and 2003 model year Gold Wings (GL1800/A). Certain frame welds do not meet manufacturing specifications. High loads created when riding on rough road surfaces or through potholes can cause the affected welds to crack. In the worst case, the welded area could break without warning, resulting in lower cross member separation and rear suspension collapse. This could result in a crash. However, no rear-wheel lockup, crashes or injuries have been reported.

#### What should you do?

Call any authorized Honda motorcycle dealer and make an appointment to have your frame repaired. The dealer will coordinate scheduling with you. The affected welds will be reinforced according to a factory-prepared welding manual, free of charge.

#### Who to contact if you experience problems.

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

American Honda Motor Co., Inc.  
Motorcycle Customer Support  
Mail Stop 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 Street, SW  
Washington, DC 20590

Or call the toll-free Safety Hotline at (888) 327-4236.

#### What to do if you feel this notice is in error.

Our records show that you are the current owner of a 2002 or 2003 GL1800 involved in this recall. If this is not the case, or the name/address information is not correct, please fill out and return the enclosed, postage-paid Information Change Card. We will then update our records.

#### If you have questions.

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Motorcycle Customer Support at (866) 784-1870. You may also visit our Web site at [www.hondamotorcycle.com](http://www.hondamotorcycle.com) and click on "find a dealer" to locate a Honda dealer who can assist you.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

**American Honda Motor Co., Inc.**

**Honda Motorcycle Division**