



# Service Bulletin

American Honda Motor Co., Inc.

## SAFETY RECALL

### 2008-2010 ST1300/A/PA Rear Master Cylinder Reservoir Hose Replacement

Honda has decided that a defect which relates to motor vehicle safety may exist in the routing of the rear master cylinder reservoir hose on 2008-2010 model year Honda ST1300/A/PA motorcycles.

On affected motorcycles, the swingarm can rub against the reservoir hose when the suspension is bottomed out, eventually causing brake fluid to leak from the reservoir hose and potentially resulting in loss of rear brake performance or function.

A replacement rear master cylinder reservoir hose kit is available to correct this condition.

#### Safety Consequence

Loss of rear brake performance or function increases the risk of a crash.

#### CUSTOMER NOTIFICATION

American Honda is sending a letter to owners of all 2008-2010 ST1300/A/PA models, advising them to take their motorcycle to a Honda Motorcycle dealer to have the Safety Recall procedure performed.

Your assistance is needed to ensure your affected customers are informed of this Safety Recall. A copy of the customer letter is reproduced on pages 7–8 of this Service Bulletin.

#### AFFECTED UNITS

**2008-2010 ST1300**  
**2008-2010 ST1300A (ABS type)**  
**2009 ST1300PA (Police type)**

#### DEALER INVENTORY

**According to federal law, any affected units in your new or used inventory cannot be sold or leased until they are repaired.**

Refer to the REPAIR VERIFICATION and REPAIR PROCEDURE sections of this Service Bulletin.

#### REPAIR VERIFICATION

Before you begin the repair procedure, check if the repair has been performed on the unit. See the IDENTIFICATION section of this Service Bulletin for more details.

- If there is a punch mark on the right side of the frame near the brake pedal – No further action is necessary.

Factory punch mark:	✦
Dealer center punch mark:	●

- If there is no punch mark – The unit has not been repaired, and you must proceed with the REPAIR PROCEDURE section of this Service Bulletin.

**NOTE:** Your *eResponsibility Report* or *Unit Information* on **IN** can also provide helpful campaign information. However, the identification mark on the unit itself is the best indication of campaign repair verification.

If you have any questions about repair verification, please contact your DSeM or Techline at (800) 421-1900, option 9.

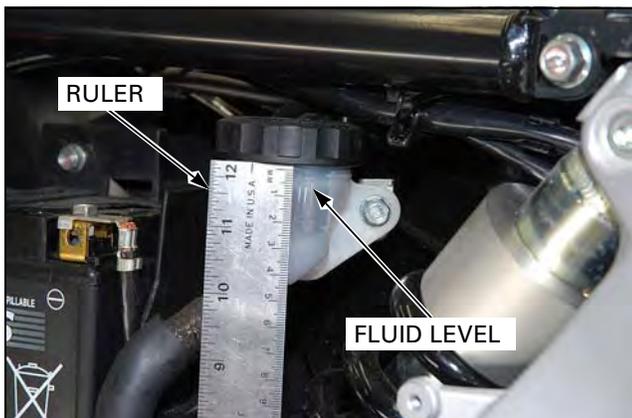
### REPAIR PROCEDURE

**NOTICE** Spilled brake fluid will severely damage painted surfaces. It is also harmful to some rubber parts. Be careful whenever filling/bleeding the brake system. Wipe up spilled brake fluid immediately.

1. Using the 2003-2011 ST1300/A/PA *Service Manual*, remove the following parts from the motorcycle.
  - Single seat cowl (ST1300PA only)
  - Seat
  - Saddlebags
  - Right side cover
  - Battery cover (Do not disconnect the fuse.)

2. Measure and record the brake fluid level in the rear master cylinder reservoir as shown.

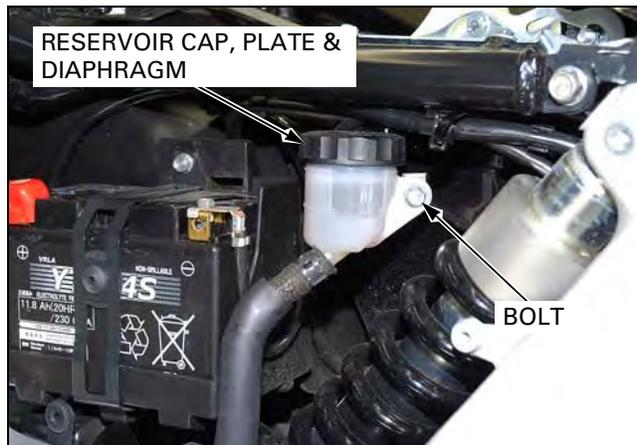
**NOTE:** It is important to record the fluid level so that the reservoir is NOT overfilled after the repair procedure. A topped off reservoir becomes overfilled when brake pads are replaced with new ones later, causing brake drag.



3. Place an oil drain pan under the rear master cylinder assembly to catch spilled brake fluid.



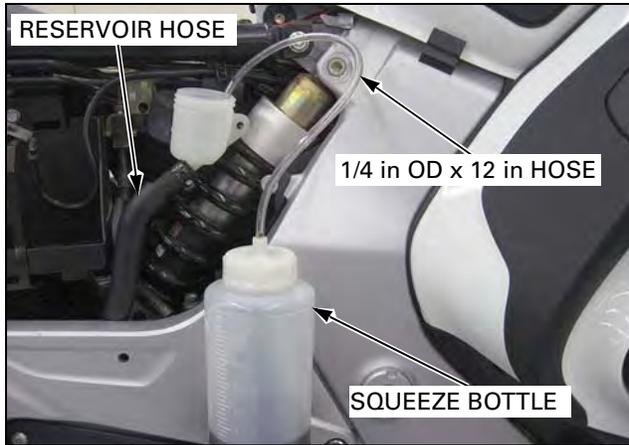
4. Remove the bolt from the rear master cylinder reservoir.  
Remove the reservoir cap, plate, and diaphragm and place them on a clean surface.



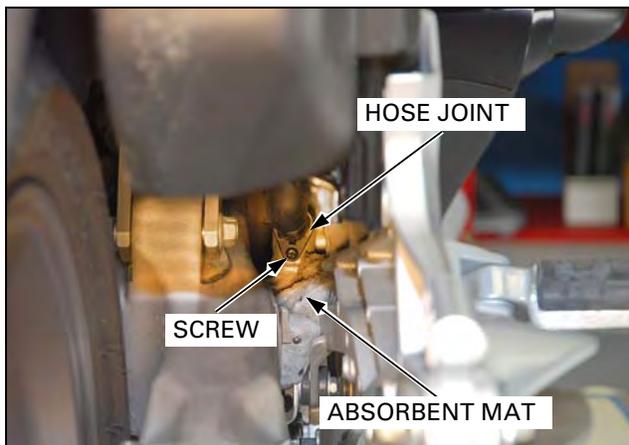
5. Carefully turn the reservoir over and pour the brake fluid into a suitable container.



6. Using a suitable squeeze bottle and a 1/4 in OD x 12 in long hose, siphon the remaining brake fluid from the bottom of the reservoir hose as shown. This will ensure that very little brake fluid is spilled later.

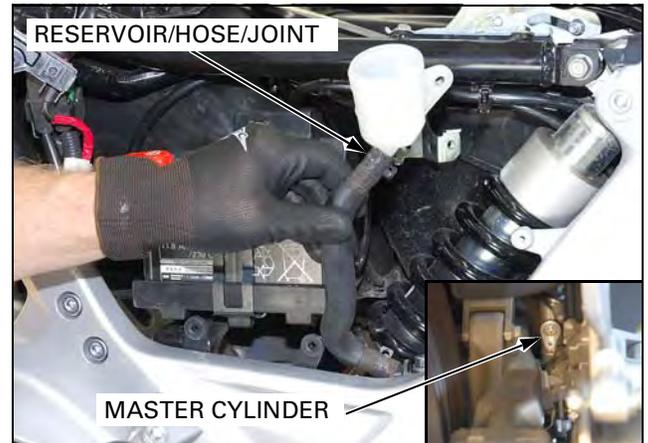


7. Wedge a piece of absorbent mat directly behind the rear brake master cylinder, below the hose joint as shown. Remove the screw and pull the reservoir hose joint backward from the master cylinder as shown.



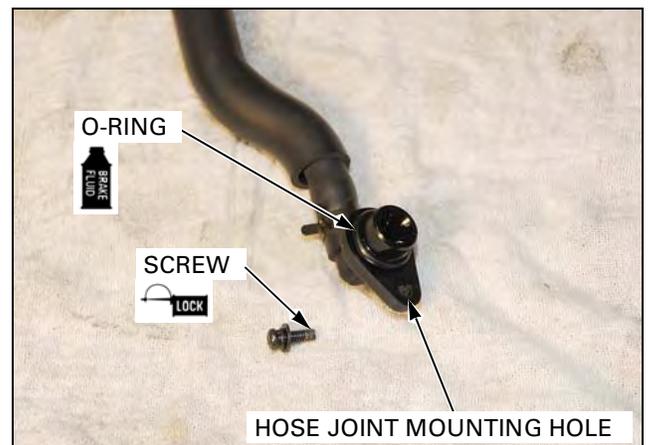
8. Remove the reservoir and hose/joint from the motorcycle upward as shown. Immediately wipe off any spilled brake fluid from the motorcycle.

Wipe off any brake fluid from the rear master cylinder hose mounting surface.



9. Apply brake fluid to the O-ring on the update reservoir hose assembly as shown. Make sure that brake fluid does not get onto the hose joint mounting hole.

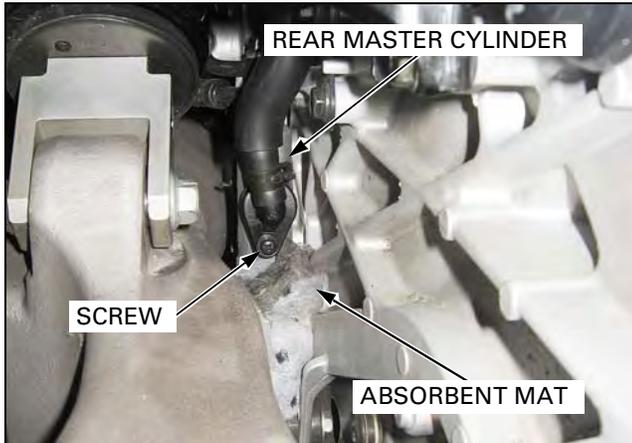
Apply locking agent to the reservoir hose joint screw threads.



10. Install the update reservoir hose joint into the rear master cylinder as shown.  
Install and tighten the screw to the specified torque.

**Torque: 2 N·m (.15 kgf·m, 1.1 lbf·ft)**

Remove the absorbent mat from behind the master cylinder.



11. Temporarily fill the reservoir to the UPPER level mark with DOT 4 brake fluid from a sealed container.

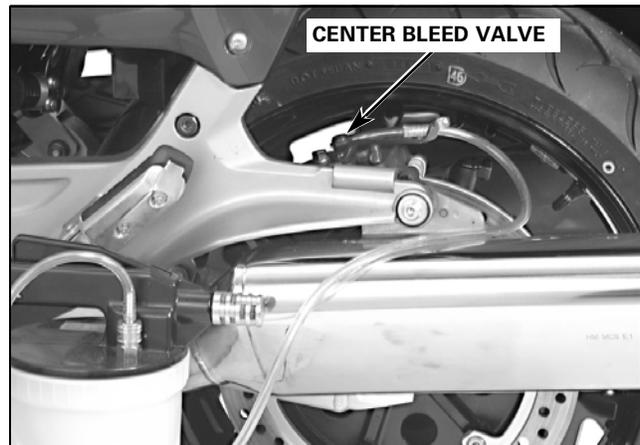


12. Bleed the pedal brake lines (rear master cylinder to rear caliper, then front calipers) in the following order:

A. Connect a commercially available brake bleeder (See STN #16) to the center bleed valve of the rear caliper. Operate the air bleed tool and loosen the bleed valve, adding fluid when the rear master cylinder reservoir is low.

Close the bleed valve.

**Torque: 6 N·m (0.6 kgf·m, 4.3 lbf·ft)**

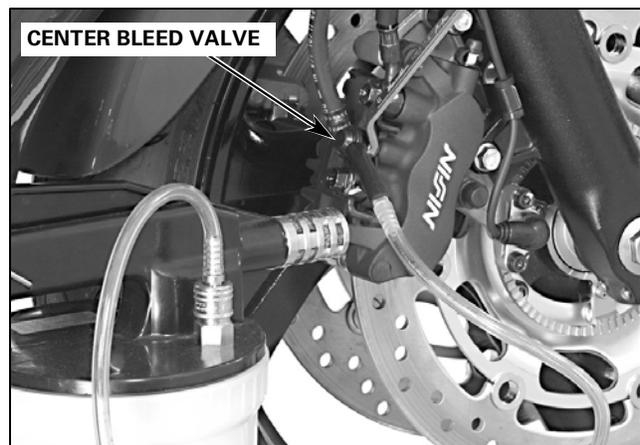


**TECH TIP:** *If air is entering the bleeder from around the bleed valve threads, seal the threads with teflon tape.*

B. Connect the brake bleeder to the center bleed valve of the *right* front caliper. Operate the air bleed tool and loosen the bleed valve, adding fluid when the rear master cylinder reservoir is low.

Close the bleed valve.

**Torque: 6 N·m (0.6 kgf·m, 4.3 lbf·ft)**



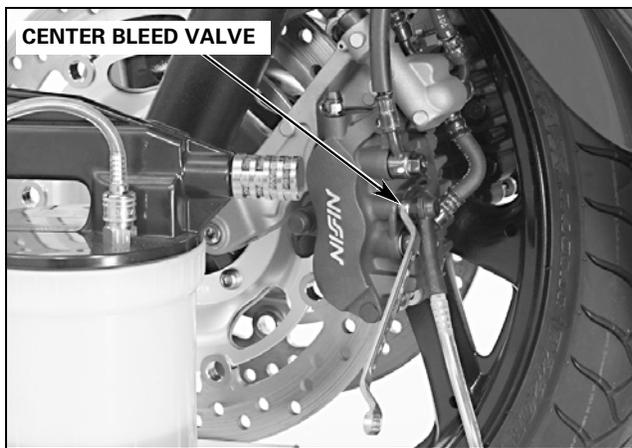
C. Connect the brake bleeder to the center bleed valve of the *left* front caliper. Operate the air bleed tool and loosen the bleed valve, adding fluid when the rear master cylinder reservoir is low.

**DECISION POINT**

- If air is *not* bleeding from this valve at this time, close the bleed valve and finish the brake bleeding here, then proceed to Step 15.

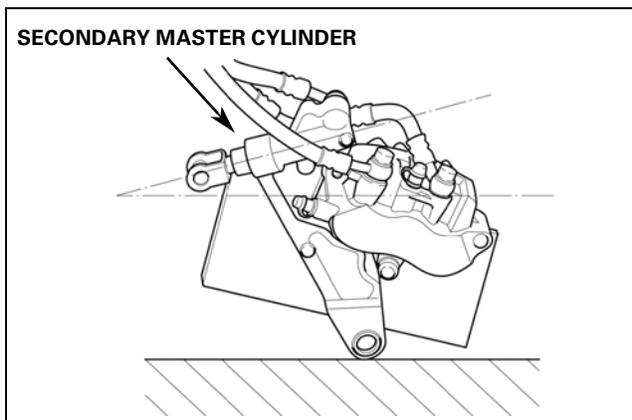
**Torque: 6 N·m (0.6 kgf·m, 4.3 lbf·ft)**

- If air *continues* to bleed from this valve it will be necessary to bleed the Servo Brake Line, proceed to Step 13.



13. Bleed the Servo brake line as follows:

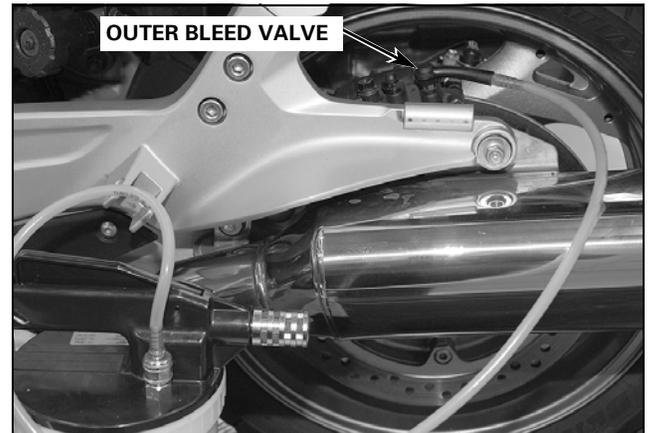
A. Remove the left front brake caliper/bracket assembly, tilt the caliper about 0-15° from horizontal as shown.



B. Connect a commercially available brake bleeder to the *outer* bleed valve of the rear caliper. Operate the air bleed tool and loosen the bleed valve, adding fluid when the rear master cylinder reservoir is low.

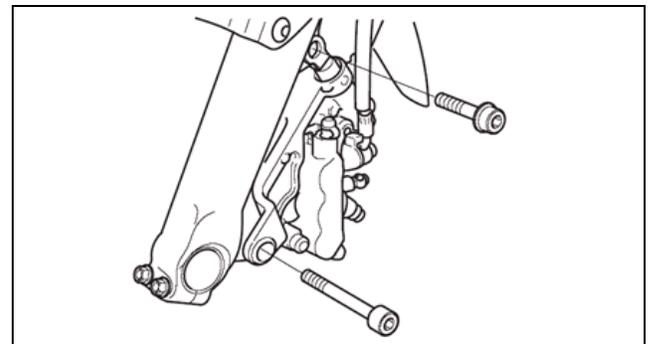
Close the bleed valve.

**Torque: 6 N·m (0.6 kgf·m, 4.3 lbf·ft)**



14. Reinstall the left brake caliper/bracket assembly over the brake disc. Tighten the bolts to the specified torque.

**Torque: 31 N·m (3.2 kgf·m, 23 lbf·ft)**



15. After bleeding the brake lines:

- Dealer new inventory units - fill the master cylinder reservoir to the UPPER level mark.
- Customer units - adjust the fluid level in the reservoir to the same level recorded in Step 2. If the recorded level was below the LOWER mark, inspect the brake pads for wear. If the pads are serviceable, fill the reservoir half way between the UPPER and LOWER level marks.

16. Reinstall the reservoir diaphragm, plate, and cap to the rear master cylinder reservoir.

17. Install the rear master cylinder reservoir and tighten the bolt to the specified torque.

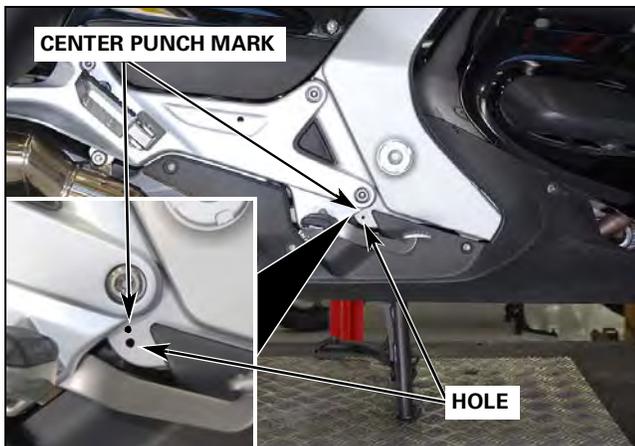
**Torque: 12 N·m (1.2 kgf·m, 9 lbf·ft)**



18. Reinstall the removed parts using the procedures in the *Service Manual*.

### IDENTIFICATION

After you have completed the REPAIR PROCEDURE, apply a center punch mark on the frame just above the hole and below the right footpeg bracket as shown.



### CLAIM INFORMATION

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

Normal warranty claim submission requirements apply. After completing the Service Bulletin repair procedure, submit one warranty claim per unit with the following information:

#### WARRANTY CLAIM TEMPLATE

Template: R86A

Flat Rate Time: 1.2 hours

### PARTS INFORMATION

#### REQUIRED PARTS

**Brake hose set (1)**

43570-MCS-305

#### IDENTIFICATION OF UPDATE PART

The hose portion of the update part is smooth rubber, without braiding.



## TEXT OF CUSTOMER LETTER

July 2011

**IMPORTANT SAFETY RECALL NOTICE: 2008-2010 Honda ST1300/A/PA  
(NHTSA RECALL 11V-356)**

Dear ST1300/A or ST1300PA 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 has decided that a defect which relates to motor vehicle safety exists in 2008 to 2010 model year ST1300/A and 2009 ST1300PA (police) motorcycles. When the rear suspension of the motorcycle is repeatedly bottomed out (fully compressed), the rear brake reservoir hose may become damaged and leak brake fluid. If the leak goes unnoticed, the rider eventually will experience a loss of rear brake performance or function which increases the risk of a crash.

**How do I get this defect repaired free of charge?**

Call any authorized Honda motorcycle dealer and make an appointment to have your motorcycle repaired, free of charge. The dealer will install a new rear brake reservoir hose that corrects this condition. Please plan to leave your motorcycle for a day to allow the dealer flexibility in scheduling.

**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 100-4C-7B  
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 and 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  
1200 New Jersey Ave., SE  
Washington, DC 20590

Or call the toll-free Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>

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

Registration records show that you are the current owner or lessee of a 2008 to 2010 model year ST1300/A or 2009 ST1300PA motorcycle involved in this recall. If this is not the case, or the name/address information is not correct, complete, sign, and return the enclosed, postage-paid Information Change Card. We will then update our recall records.

If prior to receiving this notice, you paid to have the rear brake reservoir hose replaced, you may be eligible for reimbursement. Please refer to the enclosed Request for Reimbursement form for eligibility requirements and the reimbursement procedure. (Please note: despite the prior replacement of the rear brake reservoir hose, you still will need to have the recall repair performed, as the reservoir hose recently was changed to address the defect condition.)

**Lessor Information.**

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

**If you have questions.**

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Honda Motorcycle Customer Support at 1-866-784-1870.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

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

**TEXT OF CUSTOMER LETTER**

**Request For Reimbursement  
2008-2010 ST1300/A/PA  
Rear Brake Reservoir Hose Replacement**

**Use this form only if you have previously paid for this repair.** If you meet the following qualifications, American Honda Motor Co., Inc. will reimburse you for the cost of the rear brake reservoir hose replacement. No reimbursement will be made for other costs or repairs.

1. The vehicle must be a 2008-2010 ST1300, ST1300A, or ST1300PA.
2. The repair must have been required due to the problem that is the subject of this recall. Unrelated repairs will not be reimbursed.

**3. The previous rear brake reservoir hose replacement must have occurred before August 5, 2011.**

4. You must have a repair bill showing itemized parts and labor costs, ST1300 model, year, VIN, name, address and phone number of the repair shop, and the date of the repair. There must be verification of payment, such as a copy of a cancelled check, cash receipt, or paid invoice.
5. To qualify for reimbursement, it is not necessary that you still own the affected ST1300 motorcycle, but you must have been the owner when the rear brake reservoir hose was replaced. Only the owner at the time of the repair may request reimbursement. Do not request reimbursement for the expenses of any other owner.
6. Your previous repair may not have been performed using the updated rear brake reservoir hose. In addition to any reimbursement for previous repairs you may request, please make an appointment with your Honda dealer to have this important safety recall repair completed.

IF YOU ARE QUALIFIED FOR REIMBURSEMENT:

Fill in the blanks; please print clearly.

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_

Vehicle Identification Number (VIN): \_\_\_\_\_

Total Amount Requested: \_\_\_\_\_

Mail this form together with a copy of your repair bill and verification of payment to:

**American Honda Motor Co., Inc.  
Customer Support, M/S 100-4C-7B  
1919 Torrance Blvd.  
Torrance, CA 90501-2746**

Please allow 6–8 weeks for reimbursement processing.

This form is provided for dealer information and customer photocopies if needed.