



Service Bulletin

American Honda Motor Co., Inc.

SAFETY RECALL

2003-2004 CBR600RR Rear Brake Linkage

American Honda's Motorcycle Division is conducting a Safety Recall to replace the rear brake linkage on affected 2003-2004 CBR600RR models.

The rear brake linkage is susceptible to corrosion, which can cause binding and rough brake operation. In the worst case, the linkage could break, resulting in a loss of rear brake function, which could increase the risk of a crash.

All affected units will have the rear brake linkage inspected and components replaced as required.

AFFECTED UNITS

All 2003 CBR600RR

A type (49 state):
JH2PC370*3M000001 thru JH2PC370*3M011505

AC type (CA model):
JH2PC371*3M000001 thru JH2PC371*3M001984

All 2004 CBR600RR

A type (49 state):
JH2PC370*4M100001 thru JH2PC370*4M108890

AC type (CA model):
JH2PC371*4M100001 thru JH2PC371*4M101698

(*) denotes check digit

CUSTOMER NOTIFICATION

American Honda is sending a letter to owners of all affected 2003-2004 CBR600RRs, informing them they must bring their CBR600RR to a Honda motorcycle dealer to have the Safety Recall procedure performed.

Your assistance is needed to ensure your CBR600RR customers are informed of this Safety Recall. A copy of the customer letter is reproduced on page 5 of this Service Bulletin.

DEALER INVENTORY

Under no circumstances are you to sell a unit in your inventory without first completing the repair procedure in this Service Bulletin. Refer to the REPAIR PROCEDURE section 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 the push rod lower joint is a **gold color**, the unit has been repaired.
- If the unit has not been repaired (the lower

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.

**CBR600RR #1
AUGUST 2004**

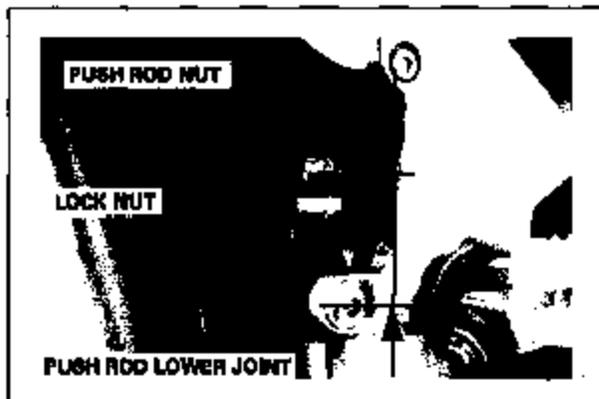
joint is a silver color or is corroded), proceed to the REPAIR PROCEDURE section of this Service Bulletin.

NOTE: Verification of the repair can also be found in the *Dealer Responsibility Report* and on *IM*. If you have any questions about repair verification, please contact your DSM or TechLine at (800) 421-1900 before proceeding.

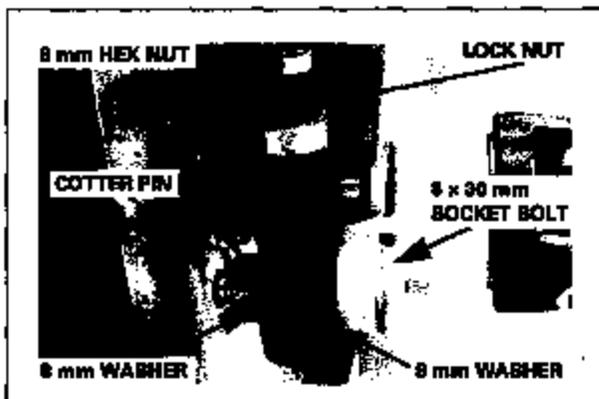
REPAIR PROCEDURE

LOWER JOINT REMOVAL

1. Place the motorcycle on level ground. Measure and record the length from the push rod nut to the push rod lower joint center.



2. While securing the push rod lower joint, loosen the lock nut.
 3. Remove the cotter pin and 8 mm hex nut, then remove the 8 x 30 mm socket bolt.
- Now remove the push rod lower joint from the push rod.



NOTE: If you cannot loosen the lock nut or remove the push rod lower joint, proceed to PUSH ROD REMOVAL on the next page.

LOWER JOINT INSTALLATION

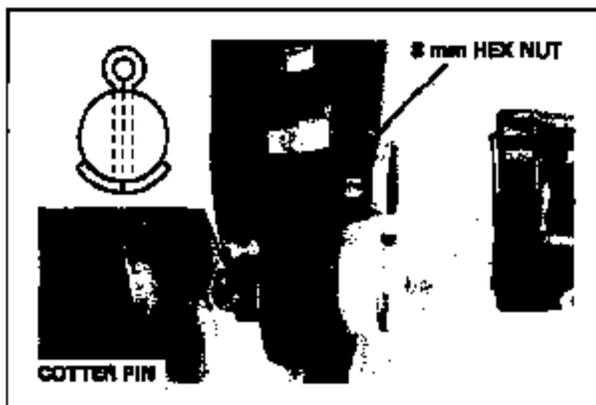
1. Install the new push rod lower joint to the push rod. Make sure the new rubber dust cover is installed.
2. Install the 8 x 30 mm socket bolt and two new 8 mm washers.

NOTE: Install the washers with their chamfered side facing toward the push rod lower joint.

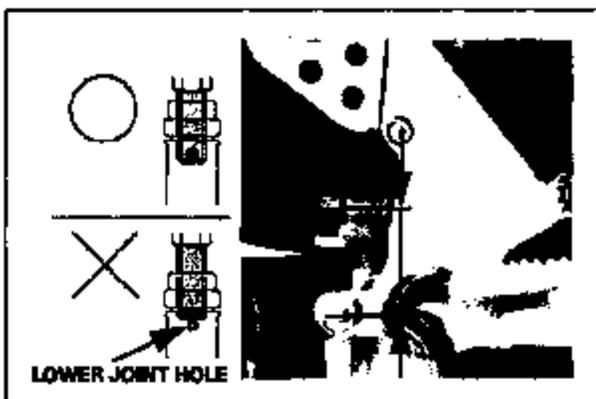
3. Torque the 8 mm hex nut.

TORQUE: 26 N·m (2.7 kgf·m, 20 lbf·ft)

4. Install a new cotter pin and secure it as shown in the illustration.



5. Adjust the length of the push rod nut to the push rod lower joint to the same length measured before removal. Be sure the push rod threads can be seen through the lower joint hole.



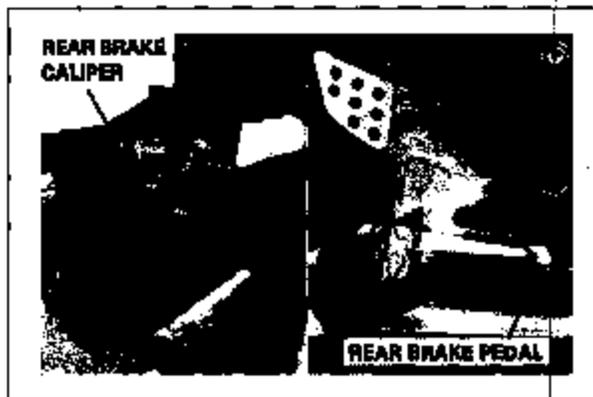
6. Torque the lock nut while holding the lower joint. (See illustration on previous page.)

TORQUE: 18 N·m (1.8 kgf-m, 13 lbf-ft)

Make sure the brake light activates while operating the rear brake pedal.

7. To verify proper brake operation, and to ensure full rear brake pedal travel, push the caliper piston all the way in by pushing on the rear brake caliper body and then operating the brake pedal several times.

Repeat the steps mentioned in the previous sentence until proper brake operation and pedal travel is verified.



PUSH ROD REMOVAL

NOTE: These steps are only necessary if you cannot loosen the lock nut or remove the lower joint as a result of corrosion.

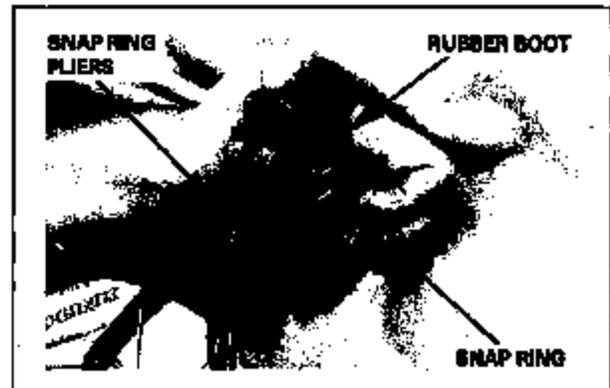
1. Remove the rear master cylinder mounting bolts.

Remove the guard plate and rear master cylinder.



2. Hold the rear master cylinder upside down and pull the rubber boot back to gain access to the snap ring.
3. Remove the snap ring using snap ring pliers, then remove the push rod and lower joint assembly.

NOTE: Keep the master cylinder upside down and do not tilt it during this procedure.



4. Install a new lower joint, new lock nut, and new rubber boot to the new push rod.

Install the new snap ring while pushing the push rod into the master cylinder.

NOTE: Avoid spilling brake fluid on painted plastic or rubber parts. Place a shop towel over them to protect from damage.

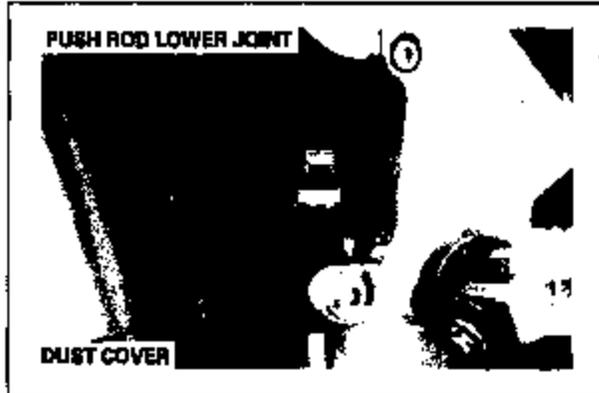
5. Reinstall the rear master cylinder and guard plate. Torque the rear master cylinder mounting bolts.

TORQUE: 8.8 N·m (1.0 kgf-m, 6.5 lbf-ft)

Refer to Step 2 in LOWER JOINT INSTALLATION on page 2 to finish the installation procedure.

IDENTIFICATION

The replacement rear brake push rod lower joint is identified by a **gold color**. If dirt or grime is covering the visible portion of the lower joint, pull the rubber dust cover down to view the color.



PARTS INFORMATION

Do not order the required parts at this time. Initial parts will be automatically allocated by American Honda based on the number of units invoiced/retailed by your dealership. After initial allocations are completed, you will be advised of open order procedures.

REQUIRED PARTS

Lower joint replacement kit
P/N: 04486-MEE-306
H/C: 7864848

Contains:

- (1) Lower joint
- (1) Cover, Dust
- (1) Pin, Spllt
- (2) Washer, 8 mm

SUPPLEMENTAL PARTS

Push rod replacement kit (Order this kit only if you cannot remove the lower joint from the push rod.)
P/N: 04436-MEE-305
H/C: 7864830

Contains:

- (1) Circlip, M/C (Snap ring)
- (1) Boot, Comp
- (1) Rod, Push
- (1) Nut, Hex 8 mm (Lock nut)

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 completing the Safety Recall, submit one warranty claim per unit with the following information:

Lower joint replacement

Template: P40A
Flat Rate Time: 0.3 hour

Push rod and lower joint replacement

Template: P40B
Flat Rate Time: 0.5 hour

TEXT OF CUSTOMER LETTER

August 2004

IMPORTANT SAFETY RECALL NOTICE

Dear CBR600RR 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 2003-2004 model year CBR600RR motorcycles. The rear brake linkage is susceptible to corrosion, which can cause binding and rough brake operation. As corrosion increases, it can cause a sticking pedal or require high brake pedal effort. Degrading brake performance should be noticeable to the rider. In the worst case, the linkage could break, resulting in a loss of rear brake function, which could result in a crash.

What should you do?

Call any authorized Honda motorcycle dealer and make an appointment to have your CBR600RR repaired. The dealer will replace certain parts in the rear brake linkage. This work will be done *free of charge*. Please plan to leave your motorcycle for the 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 100-4W-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 (90 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 2003-2004 CBR600RR 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 paid to have a defective rear brake linkage repaired sometime in the past, you may be eligible for reimbursement. Refer to the attached Request for Reimbursement for eligibility requirements and the reimbursement procedure.

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 (888) 784-1870. You may also visit our Web site at 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.
Motorcycle Division**

REQUEST FOR REIMBURSEMENT

**2003-2004 CBR600RR
REAR BRAKE LINKAGE**

If you meet the following qualifications, American Honda Motor Co., Inc. will reimburse you for the cost of replacing the rear brake linkage and related parts. No reimbursement will be made for other costs or repairs.

1. The vehicle must be an affected 2003-2004 CBR600RR.
2. The rear brake linkage and related parts must have been replaced before August 18, 2004.
3. You must have replaced the rear brake linkage and related parts as a result of a failure of the rear brake linkage.
4. You must have a repair bill showing itemized parts and labor costs, identifying the CBR600RR model, year, and VIN; the name, address, and telephone 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 2003-2004 CBR600RR, but you must have been the owner when the repair was performed. Only the owner at the time of repair may request reimbursement. Do not request reimbursement for the expenses of any other owner.

IF YOU ARE QUALIFIED FOR REIMBURSEMENT:

Fill in the blanks; please print clearly.

Name _____

Street Address _____

City _____ State _____

Telephone _____ ZIP _____

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 Customer Support:

American Honda Motor Co., Inc.
Customer Support, M/S 100-4W-5B
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.