

Service Bulletin

Date: June 2004

Bulletin No: 34 004 04 (051)

BMW Motorrad USA

Topic: Recall 04V-304: Rear brake master cylinder, R 1150 RT / K 1200 LT

Read this note first:

Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if there has been a recall campaign, dealers must assure that all new vehicles and new items of replacement equipment are free of safety defects and comply with all applicable Federal Motor Vehicle Safety Standards at the time of delivery to the consumer. This means that dealers may not deliver new motor vehicles or new items of replacement equipment to consumers unless the safety defect or noncompliance has been remedied before delivery.

Subject:

The rear brake master cylinders of some R 1150 RT and K 1200 LT models, equipped with IABS and produced during the month of April 2004, may have incorrect sealing rings installed.

Under braking, if only the rear brake foot pedal is applied in slowing the motorcycle, the rear brake master cylinder may not build up adequate pressure in the Integral ABS system. As a result, full braking capability would not be available when using the rear brake only.

This situation applies only to the rear brake. When the front lever brake is applied, you will have full braking capabilities.

Aftersales Solution:

Inspection: Check the master cylinder production date by removing the right footplate and turning it until the number of the cylinder is visible. For this inspection, neither the brake pipe or the return pipe has to be disconnected, so it is not necessary to bleed the brakes. Please refer to "Photo 1" and "Photo 2" on page one of this bulletin form the exact location of the production date to check.

Replace only master cylinders with the production date BMW 14 0434

Replacement: If the brake master cylinder needs to be replaced, you must then bleed the brakes. After bleeding the brakes, you must use the GT-1 to perform a bleed test. In Work Package #2, the flat rate code and FRUs include the time required to both bleed the appropriate brake circuit and to conduct a bleed test of the complete IABS system.

Rear brake master cylinder



Production Date
14 0434

Photo 1

The production number stamped on the brake cylinder will enable you to identify the parts from the batch in question. The number is stamped on the flange between the two mounting points (See Photo 1-2)



Photo 2



VIN Range: It is essential to inspect motorcycles in the affected VIN range during the pre-delivery inspection, before test riding or delivery to a retail customer.

This Recall Campaign Involves only R 1150 RT and K 1200 LT model motorcycles produced during April 2004. In order to determine if a specific motorcycle is affected by this Recall Campaign, it will be necessary to consult the Vehicle History function in DCS (Dealer Communication System). Based on the defect code identification in the system, either proceed with the required corrective action or take no further action.

The Chassis Number Ranges listed below are only for informational purposes and are not to be considered as the only deciding factor.

Model	Starting VIN	Ending VIN
R 1150 RT	ZE 9515B	ZE 95486
K 1200 LT	ZL 70471	ZL 70976

Important Notes: R 1150 RT / K 1200 LT: In order to inspect the master cylinder, the right foot plate must be removed and turned around approximately 180 degrees. When turning the foot plate, tension is put on the hose from the reservoir. This hose is secured in the master cylinder by a tight fit and an O-ring. It is possible when turning/twisting the foot plate that this hose could loosen and pull out of the master cylinder. Please use caution during this inspection.

Master cylinder inspection: The production date numbers on the master cylinders may not be as distinct as illustrated in "Photo 1". Having a magnifying glass available to verify these dates is suggested.

Warranty Reimbursement: Enter a campaign claim using the defect code and Work Packages detailed below.

Defect Code: 00 00 34 56 00

Description: Check the rear brake master cylinder.

Work Package #1: Inspection of rear brake master cylinder / no replacement.

Model: R 1150 RT
FRU Code: 00 60 115
FRU: 8 FRUs

Model: K 1200 LT
FRU Code: 00 60 115
FRU: 5 FRUs

Sublet Code: 4
Amount: Enter actual cost to maximum of \$1.00
Covering: Wire tie (1)

Work Package #2: Inspection and replacement of rear brake master cylinder.

Model:	R 1150 RT	K 1200 LT
FRU Code:	34 31 033	34 31 033
FRU:	23 FRUs	19 FRUs

Parts

Model: R 1150 RT
Description: Brake master cylinder
Part Number: 34 31 7 654 901
Qty: 1

Model: K 1200 LT
Description: Brake master cylinder
Part Number: 34 31 7 650 749
Qty: 1

Sublet Code: 4
Amount: Enter actual cost of additional parts used to maximum of \$15.00.
Covering: Wire tie(s), crimp clamp and quantity of brake fluid.

Customer Notification: The current owner of each R 1150 RT and K 1200 LT motorcycle affected by this recall will be notified by a first class letter describing the details of the recall. In this letter, each customer will be asked to contact the BMW motorcycle retailer of his choice, making a service appointment for the completion of the inspection/replacement called for in this recall.

Contact: Pat Raymond (201) 307 4261
Service and Technical Manager pat.raymond@bmwna.com
BMW Motorrad USA

Links:





June 2004

Recall Campaign No. 04V-304, Rear Brake Master Cylinder

Dear BMW Owner:

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

BMW AG has decided that a defect which relates to motor vehicle safety exists in certain 2004 BMW R1150 RT and 2005 K1200 LT motorcycles. Our records indicate that you are the owner of a potentially affected motorcycle.

DESCRIPTION OF DEFECT

The defect involves the master cylinder of the rear brake. An incorrect sealing ring was mounted to the piston of the rear brake master cylinder during production. As a result, if only the rear brake were applied during riding, insufficient braking pressure would be available to slow the motorcycle. However, the front brake is not affected. Therefore, the motorcycle can still be brought to a stop by carefully applying the front brake.

You may continue to ride your motorcycle; however, do not leave this problem unattended. If you ignore the following precautions, then depending upon traffic and road conditions, and the rider's reactions, a crash could occur.

PRECAUTIONS

1. **CONTACT YOUR AUTHORIZED BMW RETAILER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.**
2. **If you are in any way concerned with your ability to safely operate the motorcycle, please contact your BMW retailer to arrange for pickup and repair of the motorcycle.**
3. **If you experience diminished braking capability of the rear brakes while riding, your motorcycle may be experiencing this problem. Do not operate the motorcycle. You should pull over carefully to a safe location and away from traffic. Immediately contact BMW Roadside Assistance at 1-800-332-4269 to have the motorcycle brought to the nearest Authorized BMW retailer.**
4. **If you are not the only rider of this motorcycle, please advise all other riders of this important information.**

DESCRIPTION OF REPAIR

The repair will consist of replacing the rear brake master cylinder on all affected motorcycles.

This repair may take up to two and one-half hours and will be performed *free of charge* by your Authorized BMW retailer. Additional time may be required depending on the BMW retailer's scheduling and processing.

OTHER INFORMATION

If you are no longer the owner of this motorcycle, we would appreciate you furnishing us with the name and address of the new owner using the enclosed postage-paid card.

If you are a lessor of this motorcycle, Federal Regulations require you to forward this notice to your lessee.

If you have already had this repair performed at your own expense, please see the attachment regarding possible eligibility for reimbursement.

Should you have any questions about this campaign, please contact your Authorized BMW retailer.

We appreciate your confidence in our product, and we wish to do everything we can to retain your confidence. Should you need additional assistance, you may contact BMW Customer Relations and Services at 1-800-831-1117.

If the BMW retailer is unable to remedy the defect without charge or within a reasonable period of time, you may notify the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street S.W., Washington, DC 20590, or call the toll-free Auto Safety Hotline at 1-888-327-4236.

BMW OF NORTH AMERICA, LLC



**TREAD ACT CUSTOMER REIMBURSEMENT PLAN
(BMW of North America, LLC)**

If you have paid for the repair described in the attached letter, and you would like to be considered for reimbursement, please contact your authorized BMW retailer. Expenses from repair facilities outside of the BMW retailer network will be considered; however, the procedure must meet BMW standards and use BMW Genuine Parts.

Your authorized BMW retailer will request a copy of your owner notification letter, as well as, a copy of your previously paid invoice, and then inspect the vehicle (if it is still in your possession) prior to submitting a claim on your behalf to BMW of North America, LLC for reimbursement.

Please note the following:

- Only a repair that is the subject of this safety recall is reimbursable. Consequential expenses such as towing, rental, accommodations, damage repairs, etc will not be reimbursed.
- When BMW Genuine Parts are used, the Manufacturers Suggested Retail Price (MSRP) will be considered as the guideline for reasonable charges.
- Expenses for repairs performed more than 10 days after the date of the last owner notification letter sent by BMW are not eligible for reimbursement.
- Taxes and hazardous waste disposal, where previously paid, are eligible for reimbursement.
- BMW will not reimburse for prior repairs that did not utilize BMW Genuine Parts.

We anticipate that your authorized BMW retailer will be able to answer any questions that you may have regarding your qualifications for reimbursement of a previous repair. If you qualify for such a reimbursement, they will also be able to advise you of the manner in which you could receive reimbursement.

We recommend that your authorized BMW retailer be your primary contact on this issue; however, our Customer Relations and Services Department may be contacted at 1-800-831-1117 for any special assistance that you may require.

Alternatively, you may submit your request for reimbursement to the following address:

Customer Relations and Services Department
BMW of North America, LLC
P.O. Box 1227
Westwood, NJ 07675-1227



04V-304
2004 R1150 RT & 2005 K1200 LT Motorcycles
Rear Brake Master Cylinder

Q1. Which models are affected by this recall?

Affected models are certain 2004 R1150 RT and 2005 K1200 LT models produced in April 2004.

Q2. Why are other models not affected?

Models produced within this time frame may have had a rear brake master cylinder installed which contained an incorrect piston sealing ring.

Q3. How many models are affected?

Approximately 180 R1150 RT models and 380 K1200 LT models in the US are affected.

Q4. What is the specific problem?

If only the rear brake were applied during riding, insufficient braking pressure would be available to slow the motorcycle.

Q5. What can happen?

Depending upon traffic and road conditions, and the rider's reactions, a crash could occur. However, the front brake is not affected. Therefore, the motorcycle can still be brought to a stop by carefully applying the front brake.

Q6. How does the rider become aware of the problem?

The rider may notice diminished braking capability of the rear brakes while riding.

Q7. What corrective measures will be taken?

The repair will consist of replacing the rear brake master cylinder on all affected motorcycles.

Q8. How did BMW become aware of the problem?

BMW became aware of the problem through its own quality control processes and analyses.

Q9. Is BMW aware of any accidents associated with the recall?

No.

Q10. Can customers continue to ride their motorcycles?

Yes, but we recommend that owners of affected motorcycles, who will receive a letter asking them to schedule an appointment with their authorized BMW motorcycle retailer, do so as soon as possible.

If you are in any way concerned with your ability to safely operate the motorcycle, please contact your authorized BMW motorcycle retailer to arrange for pickup and repair of the motorcycle.

If you experience diminished rear braking capability while riding, your motorcycle may be experiencing this problem. Do not operate the motorcycle. You should pull over carefully as soon as possible to a safe location and away from traffic. Immediately contact BMW Roadside Assistance at 1-800-332-4269 to have the motorcycle brought to the nearest Authorized BMW motorcycle retailer.

If you are not the only rider of this motorcycle, please advise all other riders of this important information.

Q11. How will customers be informed of the recall?

Owners of affected motorcycles will receive a letter via First Class mail asking them to schedule an appointment with their authorized BMW motorcycle retailer.

Q12. How will the recall be performed?

Customers who make an appointment will have the rear brake master cylinder replaced on all affected motorcycles.

Q13. How long will the repair take?

This repair may take up to two and one-half hours, and will be performed *free of charge* by your Authorized BMW motorcycle retailer. Additional time may be required depending on the retailer's scheduling and processing.

Q14. How many models have experienced this problem?

The exact number is unknown at this time.

Q15. When will I receive my owner notification letter?

Mailings are planned for June 2004.

Q16. Do I have to wait for my recall letter in order to have my recall performed?

Yes. BMW is in the process of implementing the recall campaign to ensure that the necessary parts are at the Authorized BMW motorcycle retailers prior to sending out the owner notification letters.

Q17. I see the "TREAD Act Customer Reimbursement Plan" attached to my letter. Can you explain what that is about? Am I eligible for reimbursement?

If you have already had this repair performed at your own expense, you may be eligible for reimbursement of certain expenses that you incurred. (Note to Cust. Rel: Please review and refer to the "TREAD Act Customer Reimbursement Plan" when speaking with the customer.)