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|------------------------------------------------------|------------------------|-----------------------------------------------------------------|---------------------------|----------------|--------------------------------|-----------------------|
| <b>Dealer Operation/<br/>General Manager</b>         | Sales -<br>Motorcycles | Sales -<br>Used Motorcycles                                     | Business Manager<br>(F&I) | <b>Service</b> | <b>Parts &amp; Accessories</b> | <b>Administration</b> |
| Date: July 2005<br>Bulletin #34 008 05 (039) Revised |                        | Source: 34 34/2005<br>BMW Motorrad USA<br>Service and Technical |                           |                |                                |                       |



# BMW Motorrad USA

## Service Information Bulletin

**Subject: Recall 05V-363: Change to the routing of the front I-ABS sensor cable.**

**Model: K 1200 S (K40), K 1200 R (K43)**

**Note: This REVISED bulletin includes new information, please read completely.**

**NHTSA Statement:** 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.

**Details:** When disassembly work, such as a tire change, is being carried out, there is the possibility of the I-ABS sensor cable sagging into a loop in the vicinity of the left front brake caliper

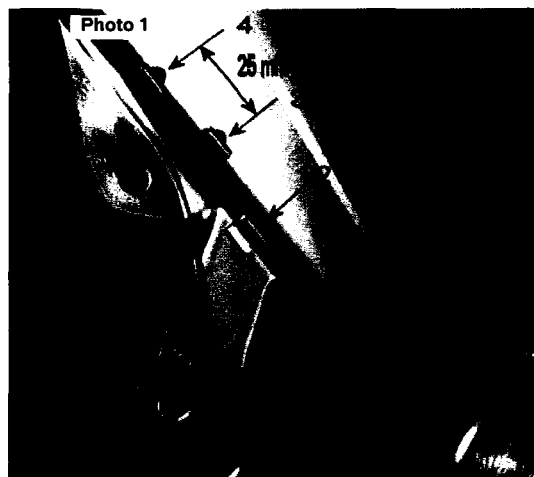
With the sensor cable in this position there exists the possibility of the cable chafing against the brake disc. If this were to happen a malfunction of the sensor would make the ABS function unavailable to the rider.

This situation affects the ABS function only. Normal braking functions remain unaffected.

**Production Solution, revised information:** In motorcycles from series production there will only be three (3) retaining clips. Starting with the VINs noted below, clip #3 for the sensor cable on the wheel carrier has been moved up 25 mm to position #4 as shown in Photo 1. The total distance between the first and third clips on production motorcycles is now 123 mm, the same as the distance between the first and forth clips on motorcycles modified as a result of this recall.

**K 1200 R from ZN 55007**

**K 1200 S from ZM 26918**



The vehicle history in DCSnet will indicate if the K 1200 R or K 1200 S in question will require the updates called for in this recall.

**Aftersales Solution:** Check the vehicle history of each K 1200 R and K 1200 S that is in your new vehicle inventory, that comes to the workshop for service or that subsequently arrives at your dealership as new inventory, completing the updates called for in this recall before the motorcycle is delivered or returned to the retail customer.

Check to see if the distance between the first and the third retaining clips is 123 mm. If this is the spacing, all that remains is to check that the sensor cable is correctly secured to the brake line.

If the distance between clip #1 and clip #3 is 98 mm, you must follow the points detailed in "Procedure" described below, drilling a hole in the wheel carrier to accept the additional clip.

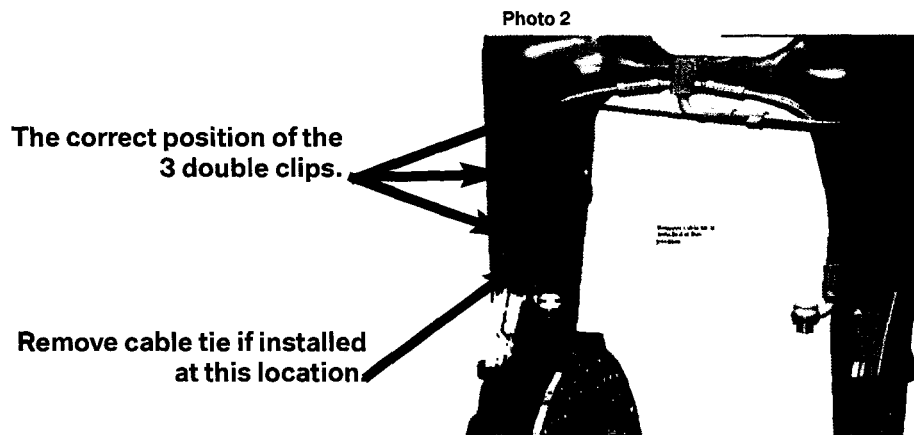
**Procedure:**

**Important Note: In completing the following steps, make sure to measure twice and drill once.**

- 1) Remove the front wheel as described in the repair manual.
- 2) Remove the I-ABS sensor.
- 3) Use a center punch to mark the wheel carrier at a point on the radius 25 mm above point #3 in photo #1.
- 4) Drill a 4mm diameter hole into the wheel carrier.
- 5) Seat the locating spring clip into the 4mm hole.
- 6) Secure the sensor cable in the new locating spring clip.

**An important point that applies to all motorcycles:** Always be sure to check the other sensor cable retainers. The sensor cable must follow, and be attached to, the brake line by three double clips as seen in photo #2. Make sure that the double clips are positioned as shown in photo #2.

If you find a cable tie securing the ABS sensor cable to the brake line fitting (see notation in Photo 2), remove this cable tie.



**Customer Notification:** The current owner of each retailed 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 dealer of his choice, making a service appointment for the installation of the locating clip described in this bulletin.

Each motorcycle in dealer inventory and each motorcycle that is subsequently received into dealer inventory is to be checked and update as required before the motorcycle is delivered to the retail customer.

**Warranty:** Covered regardless of time or mileage limitations.

Prepare a campaign claim using the claim keys and Work Packages detailed below.

**Defect Code:** 00 00 34 58 00

**Description:** Change to sensor cable routing

**Work Package #1**

**Description:** Check of sensor cable routing without subsequent correction.

**Flat Rate Code:** 00 60 628

**Description:** Check routing of sensor cable.

**FRU:** 5

**Work Package #2**

**Description:** Check and change of sensor cable routing.

**Flat Rate Code:** 00 60 135

**Description:** Change to sensor cable routing.

**FRU:** 10

**Part Number:** 34 52 7 675 927

**Description:** Securing Clip

**Quantity:** 1

**Part Number:** 34 52 7 664 098

**Description:** Double Clip

**Quantity:** 1

**Contact:** Respective Field Service Engineer

**TREAD ACT  
Letter:**

**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

## **Customer Notification Letter:**

August 2005

Recall Campaign No. 05V-363, K 1200 S - IABS Sensor Cable

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 2005 BMW K1200S motorcycles. Our records indicate that you are the owner of a potentially affected motorcycle.

We sincerely apologize for any inconvenience this may cause you.

### **DESCRIPTION OF DEFECT**

The potential defect involves the routing of the Integral Anti-lock Brake System (IABS) cable. There is a possibility of the IABS sensor cable to hang in a loop near the front left brake caliper if service has been performed on the motorcycle, for example, a front tire change. If this happens, the sensor cable can come into contact with, and rub against, the front brake disk. Over time, if the chafing becomes severe, it is possible to lose the ABS function.

However, loss of ABS function will be displayed to the rider by the warning lamp in the instrument cluster. Normal braking is not affected and remains fully functional. The capability to bring the motorcycle to a stop would still exist.

You may continue to ride your motorcycle; however, you must have the problem corrected promptly. Failure to observe the following precautions, in conjunction with traffic and road conditions, and the rider's reactions, could increase the risk of a crash.

### **PRECAUTIONS**

1. CONTACT YOUR AUTHORIZED BMW RETAILER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.
2. If you observe the ABS brake warning lamp in the instrument cluster while riding, your motorcycle may be experiencing this problem. Ride cautiously as your motorcycle no longer has ABS functionality. Contact your authorized BMW retailer immediately to have the necessary repair performed as soon as possible. Should you need BMW Roadside Assistance, they can be reached at 1-800-332-4269.
3. 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 attaching an additional retaining clip to the IABS sensor cable on all affected motorcycles.

The actual repair may take up to one hour; however, additional time may be required depending upon the BMW retailer's scheduling and processing. This work will be performed free of charge by your Authorized BMW retailer.

## 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.

Again, we sincerely apologize for any inconvenience this may cause you.

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

BMW OF NORTH AMERICA, LLC