

Dealer Operation/ General Manager	Sales- Motorcycles	Sales - Used Motorcycles	Business Manager (F&I)	Service	Parts & Accessories	Administration
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# BMW Motorrad USA

## Service Information Bulletin

### **\*\*Notice of Recall 08V-245\*\***

**Subject:** Front brake-disc threaded fasteners

**Models:** K 1200 S (K40); K 1200 R (K43); K 1200 GT (K44)

**Details:** The introduction of the new brake-disc mounts [see SI Bulletin 34 001 08 (005)] has reduced the clearance between the screw heads and certain components in the vicinity of the brake disc. In order to ensure sufficient clearance for the cable of the front wheel-speed sensor, flat-head screws were installed on all K4x models.

The flat-head screws (M8 x 20mm) used are not long enough to ensure that the fasteners remain secure for the duration of the service life. The threads in the tapped bores of the wheel rim could become stripped. The flat-head screws must be removed and replaced with longer raised-head screws (M8 x 25mm). The routing of the sensor cable also has to be altered (Measure 2 "Threaded fasteners and sensor-cable routing").

Initially motorcycles were manufactured with raised-head screws, without any change to the routing of the sensor cable. In this case there is a possibility of the cable being damaged when the motorcycle is ridden. The cable routing has to be changed (Measure 1 "Sensor cable routing").

**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.

**Motorcycles affected:** In order to determine if a specific motorcycle is affected by this Recall Campaign, it will be necessary to verify all motorcycle VINs through a DCS Vehicle History Check. Based on the response of the system, either proceed with the repair or take no further action.

**Series solution:** As of January 16, 2008, all K4x models are manufactured with the raised-head screws (M8 x 25mm) installed in combination with the modified sensor-cable routing.

**Aftersales  
solution:**

**Measure 1:**

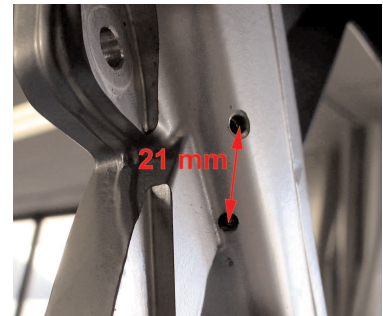
**Sensor-cable routing**

All motorcycles with ABS in range of VINs affected, change the routing of the front wheel-speed sensor cable as described below:

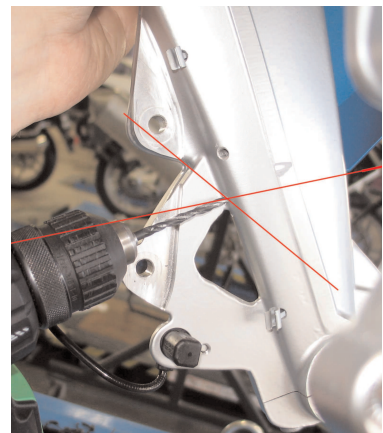
Remove the front wheel (see RSD for details).  
Disengage the sensor cable from the three clips.  
Remove the middle clip (arrow).



Mark and center-punch the new position for the middle clip 21 mm center-to-center from the original hole (arrow) offset toward the outboard side and toward the brake-caliper mount.



At the new position and as parallel as possible to the forward direction of travel (arrow), drill a hole 4 mm in diameter.



Seat the middle clip in this new hole and clip the sensor cable into all three clips.  
Install the front wheel.  
Check the clearance between the screw head and the sensor cable.



## Measure 2 :

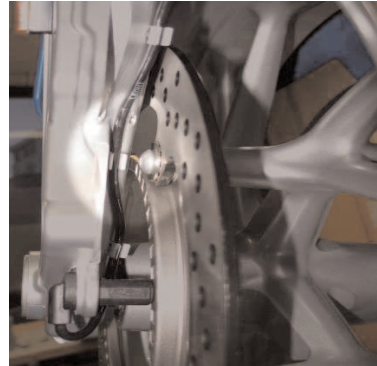
### Threaded fasteners and sensor-cable routing

All motorcycles with ABS in range of VINs affected, change the routing of the front wheel-speed sensor cable (as described above).

In addition, and this applies to all motorcycles (including those without ABS), remove the flat-head screws (M8 X 20mm) on both discs and replace them with raised-head screws (M8 X 25mm).

Remove the screws and install the replacements one at a time (do not remove the entire brake disc). After removing each flat-head screw, clean the threads in the tapped bore and install the new raised-head screw.

Tighten the raised-head screw to 24 Nm.



After this conversion, all K4x models fitted with the rivet-package brake discs ex-works will have raised-head screws and modified cable routing.

**Warranty** The repair described in this bulletin is covered under warranty regardless of time or mileage.

**Warranty Information:** Reimbursement for this Recall Campaign will be via normal claim entry utilizing the following information:

#### Measure 1 "Sensor-cable routing"

Defect code	00 00 34 65 00	Brake-disc fasteners, measure 1
FRU code:	00 60 172	Changing sensor-cable routing. 6 FRUs (K40) 5 FRUs (K44)

#### Measure 2 "Threaded fasteners and sensor-cable routing"

Defect code:	00 00 34 66 00	Brake-disc fasteners, measure 2
FRU code:	00 60 171	Replacing screws for front brake disc and changing sensor-cable routing. 12 FRUs (K40) 10 FRUs (K43). 10 FRUs (K44)
Part No.	36 31 7 709 543	Raised-head screw (M8 x 25mm) x10

**Contact:** Service and Technical Manager