

Dealer Operation1 General Manager	Sales- Motorcycles	Sales - Used Motorcycles	Business Manager (F&I)	Service	Parts & Accessories	Administration
Date: February 2005 Bulletin # 16 002 05 (016)R		Source: 16 1812005 BMW Motorrad USA Service and Technical			Revised January 2007	



BMW Motorrad USA

Service Information Bulletin

This bulletin has been revised in the area of the VIN range affected. This bulletin supercedes bulletin # 16 002 05 (016). Please remove and discard bulletin 16 002 05 (016).

Subject: Recall 05V-082: Seal for fuel pump electronics.

Model: R 1200 GS

VIN Range: **Revised: From and including ZL 75000 to and including ZL 78233.**

Note: 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.

**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.

**Customer
Notification:**

The current owner of each R 1200 GS 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.

Details: It is possible for water to work itself past the blue O-ring seal into the cavity beneath the fuel pump electronics. This moisture may cause corrosion to form on the contacts of the "blue" plug at the fuel pump electronics. Corrosion in this area may lead to the sporadic failure of the fuel pump unit. Drivability may be affected if the engine were to cut out unexpectedly and possibly start up again just as suddenly.

Revised Information: **Originally, beginning with July 29, 2004 production, a modified O-ring seal, black in color, was used to seal the fuel pump electronics.**

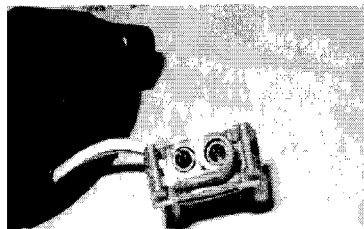
After additional quality monitoring the black o-ring seal was found not to be a dependable solution. Therefore motorcycles that were fitted with the black o-ring seal from the factory will need to have the o-ring replaced with the turquoise colored seal, as well. The VIN range was expanded to include those motorcycles that had the black o-ring installed.

Production Solution: Starting with VIN ZL 78234, R 1200 GS models uses a new, turquoise colored, seal ring to seal the fuel pump electronics.

**Aftersales
Solution:**

Use the "Interactive Diagnosis" of the GT-1 to read out the fault memory of the BMSK. Run the appropriate routines to clear any faults that are indicative of a malfunction affecting the fuel pump unit. Check the contacts of the blue plug of the fuel pump electronics for any signs of corrosion. If there are clear signs of corrosion at the contacts, the fuel pump electronics will have to be replaced. Refer to the pictures on below for visual details on the location and appearance of the corrosion.

Contacts **without** corrosion

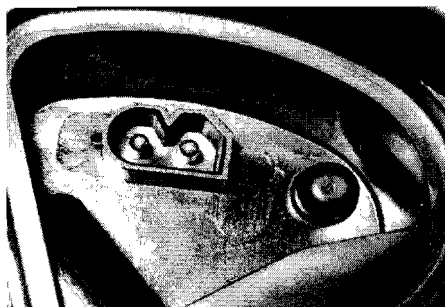


Contacts **with** corrosion

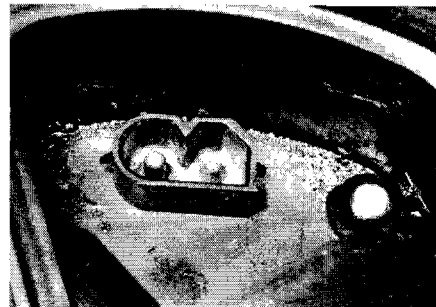


Check the contacts of the black plug at the base of the fuel pump unit. The fuel pump unit must be replaced if there are clear signs of corrosion at the contacts. Refer to the two pictures below for details on the location and appearance of corrosion in this area.

Contacts **without** corrosion



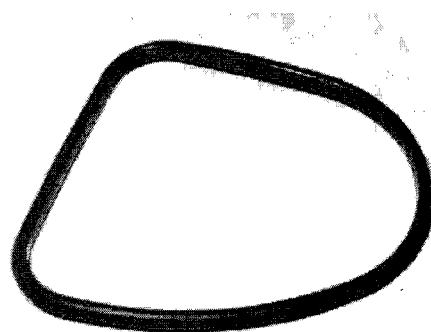
Contacts **with** corrosion



Remove all traces of water and/or moisture inside the cavity and on the connecting plugs.

Install the new, *turquoise* colored, seal ring. Refer to the picture at right for a visual detail of the turquoise colored sealing ring.

Service Note: Lightly grease the sealing ring with silicon spray prior to installation.



Warranty: The checks and updates described in this bulletin are covered under the BMW Motorcycle New Vehicle Warranty regardless of time or mileage. Prepare and submit a campaign claim using the Work Package and claim key information provided below.

Defect Code: 00 00 16 33 00
Description: Replacement of sealing ring for fuel pump electronics.

Work Package 1: Inspect for corrosion at fuel pump electronics and at the base of the fuel pump unit. No corrosion is found. Install a turquoise sealing ring.

Flat Rate Code: 00 60 129
Description: Replace seal for fuel pump electronics.
FRU: 5

Part Requirements:
Turquoise sealing ring 16 14 7 694 717 Qty 1

Work Package 2: Inspect for corrosion at fuel pump electronics and at the base of the fuel pump unit. If Corrosion is found. Replace fuel pump electronics and fuel pump unit. Install a turquoise sealing ring.

Flat Rate Code: 00 60 129
Description: Replace seal for fuel pump electronics.
FRU: 5

Flat Rate Code: + 16 14 503
Description: Replace fuel pump unit and electronics.
FRU: 9

Part Requirements:
Turquoise sealing ring 16 14 7 694 717 Qty 1
Electronics, fuel pump 16 14 7 676 324 Qty 1
Fuel pump unit 16 14 7 684 348 Qty 1

Contact: Respective Field Service Engineer.