



SIB 23 01 21

2025-02-13

## DIFFERENTIAL COVER LEAK AT THE REVERSER SHAFT SEAL

This Service Information Bulletin replaces SI 23 01 21 **dated March 11, 2021**.

What is new:

1. Differential covers are now more readily available. The procedure section has been re written to accommodate for this update.

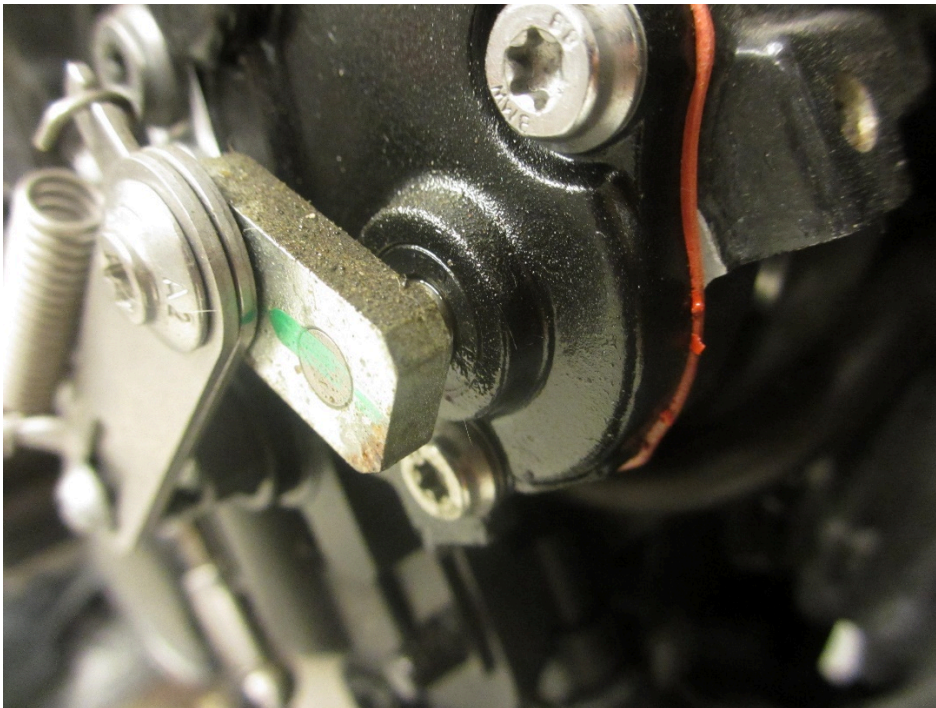
## MODEL

Model	Model Description
K48/11	K 1600 GT
K48/12	K 1600 GTL
K61	K 1600 B and Grand America

## SITUATION

Sealing ring on the differential cover of the reverser is leaking.

Radial shaft seal faulty.



## PROCEDURE

The differential cover of the reverser cannot be serviced by just replacing the sealing ring alone. This is because a special device is required to properly assemble the eccentric shaft with the eccentric lever and bring the lever system into the correct position.

The recommended repair solution is to replace the entire differential cover of the reverser.

Replacement differential covers are now more readily available.

If a customer's bike has a leak on the sealing ring of the differential cover, first check to see if replacement differential covers are available. If the differential cover is not available, then the only solution is to replace

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the complete transmission assembly.

Claims of complete transmission assemblies from Feb 13<sup>th</sup>, 2025 and forward will require documentation via warranty IDS ticket, where the differential cover was not available at the time of replacement.

## **PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in ETK which takes into account specific equipment and/or options.

Additional parts like gaskets, hardware and chemicals may be required for the complete repair.

## **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Motorcycles, if applicable.

Submit an "Info Only" TSARA case for documentation if being repaired under the New Vehicle Limited Warranty.

### **Defect code**

2311014800	Gearbox Leaking
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**For complete transmission replacement, see AIR for the applicable Labor Operations.**

## **QUESTIONS REGARDING THIS BULLETIN**

Technical inquiries	Contact the BMW Technical Support Group via TSARA
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Motorrad Parts Department

### Supporting Materials

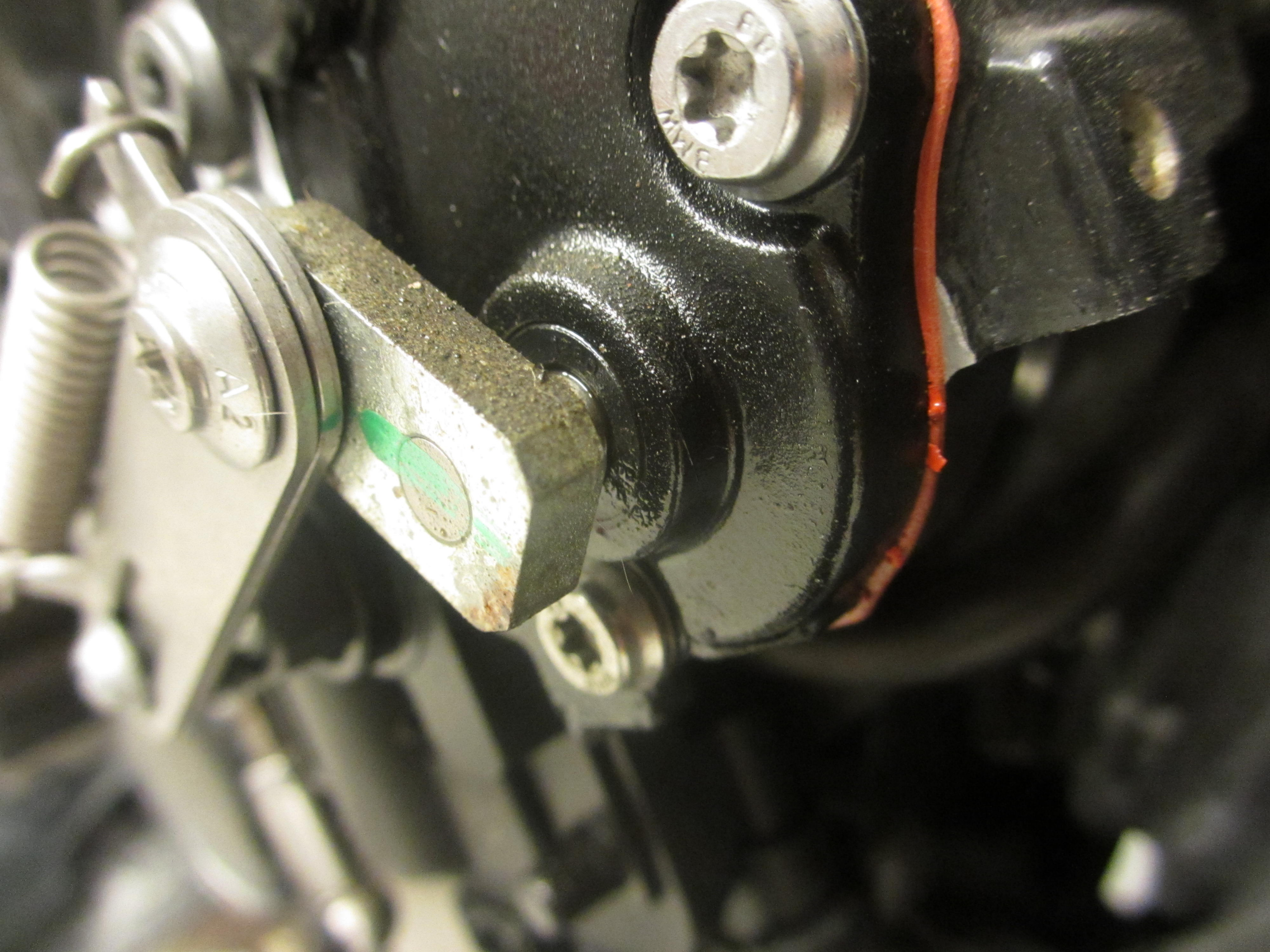
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[picture\\_as\\_pdf 23 01 21 Differential cover leak.pdf](#)

[picture\\_as\\_pdf 23 01 21 Differential cover leak at the reverser shaft seal.pdf](#)

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# Service Information Bulletin

Manual Gearbox, Transmission

March 11, 2021

23 01 21

## DIFFERENTIAL COVER LEAK AT THE REVERSER SHAFT SEAL



**BMW  
MOTORRAD**

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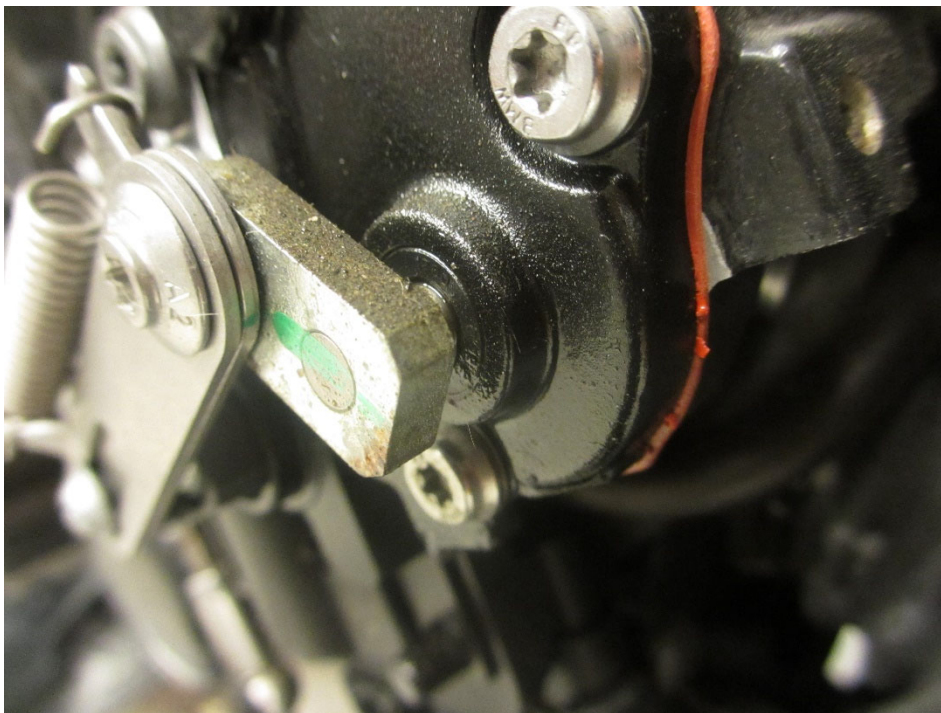
### MODEL

Model	Model Description
K48/11	K 1600 GT
K48/12	K 1600 GTL
K61	K 1600 B and Grand America

### SITUATION

Sealing ring on the differential cover of the reverser is leaking.

Radial shaft seal faulty.



### PROCEDURE

It is not possible to change just the sealing ring in the differential cover of the reverser, as a special device is needed to assemble the eccentric shaft with the eccentric lever in order to bring the lever system into the correct position. The repair solution should be to replace the differential cover of the reverser, but these are currently unavailable.

If a customer bike has a leak on the reverser sealing ring of the differential cover, the current solution is the replacement of the complete transmission assembly.

When the differential covers become available, this bulletin will be updated with a new repair procedure, as well as part and warranty information.

## **PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in ETK which takes into account specific equipment and/or options.

Additional parts like gaskets, hardware and chemicals may be required for the complete repair.

## **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Motorcycles, if applicable.

Submit an "Info Only" TSARA case for documentation if being repaired under the New Vehicle Limited Warranty.

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