



SIB 11 03 21

LEAK AT OIL SUMP (PAN) SEAL

2021-03-16

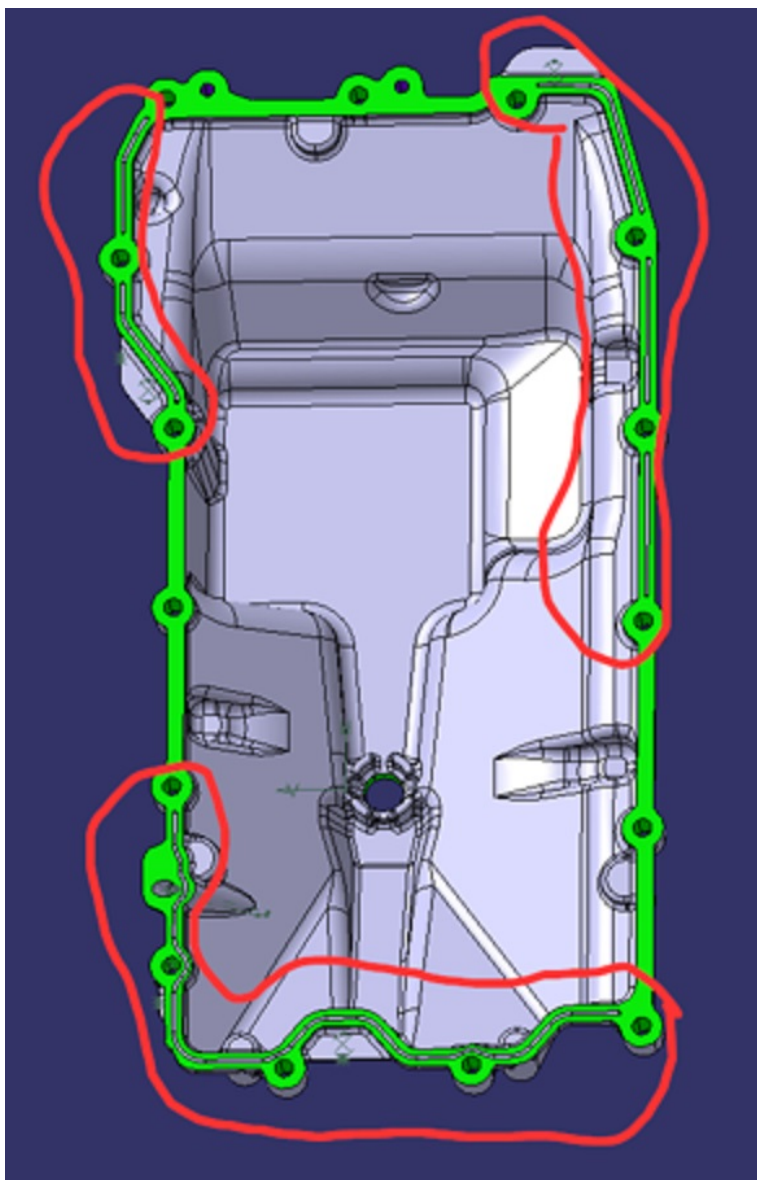
MODEL

E-Series	Model Description	Engine Number
K80	F 750 GS	Up to 1520355N
K81	F 850 GS	Up to 1520355N
K82	F 850 GSA	Up to 1520355N
K83	F 900 R	Up to 1520355N
K84	F 900 XR	Up to 1520355N

SITUATION

Oil leak at the sealing surface between the oil sump and engine housing.

An updated version of the oil sumps will be available around March 2021 timeframe; in sections of the sealing surface, there is now a groove to take additional sealing compound, see areas marked in red in attached figure. The older version oil sumps do not have grooves for the sealing compound.



Please note: There may be further updates to the oil sump design released in the future.

CORRECTION

The updated Oil Pan went into production starting with engine number: 1520356N, vehicle production approximately as of July 2020.

To help decipher the serial number format of K8X engines, please see below.

PROCEDURE

In a complaint case, always replace the older version of oil sumps which do not have grooves in the sealing surface with newer versions that do have grooves in the sealing surface.

The sealing surface of the oil sump must be clean and oil-free before applying the sealing compound.

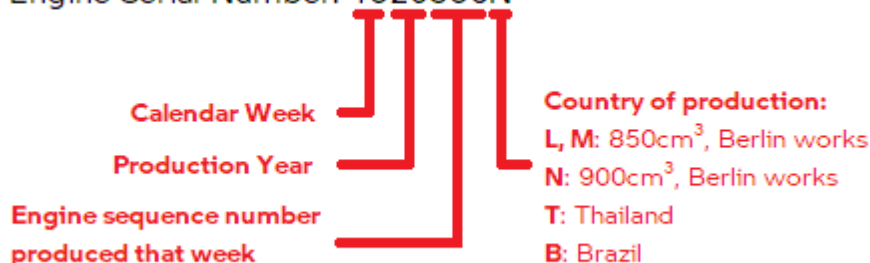
Remove adhering sealing compound residues completely from the sealing surface of the engine housing; this sealing surface must also be oil-free immediately prior to installing the oil sump.

If a complaint of a leak is received (for K8x) on a vehicle with the updated oil sump (with grooves for the sealing compound), please either create a TSARA case or add comments to the warranty claim with the following important information:

- Location of the leak (front/rear/left/right)
- Is the leak in an area of the sealing surface which has a groove or in areas without a groove?
- Is sealing compound lacking in the leak area according to your assessment?
- Were you able to identify possible reasons for the leak?
- Please attach photos when possible

To make it easier to determine whether an older sump is installed, below is an explanation of K8X engine number:

K8X Engine Serial Number: 1520356N



Breakdown of engine number of the first engine produced with optimized oil sump, 1520356N: Assembled in 15th calendar week of the year (20)20 It is the 356th 900cm³ K8X engine assembled in that week in Berlin.

Any engine with a serial number older than 1520356N was originally built with the older oil sump which did not have grooves in the sealing surface.

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.

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

[insert_drive_file Grooved oilpan.jpg](#)

[picture_as_pdf 11 03 21 Leak at Oil sump \(pan\) seal.pdf](#)

Service Information Bulletin

Engine

March 16, 2021

11 03 21

LEAK AT OIL SUMP (PAN) SEAL



**BMW
MOTORRAD**

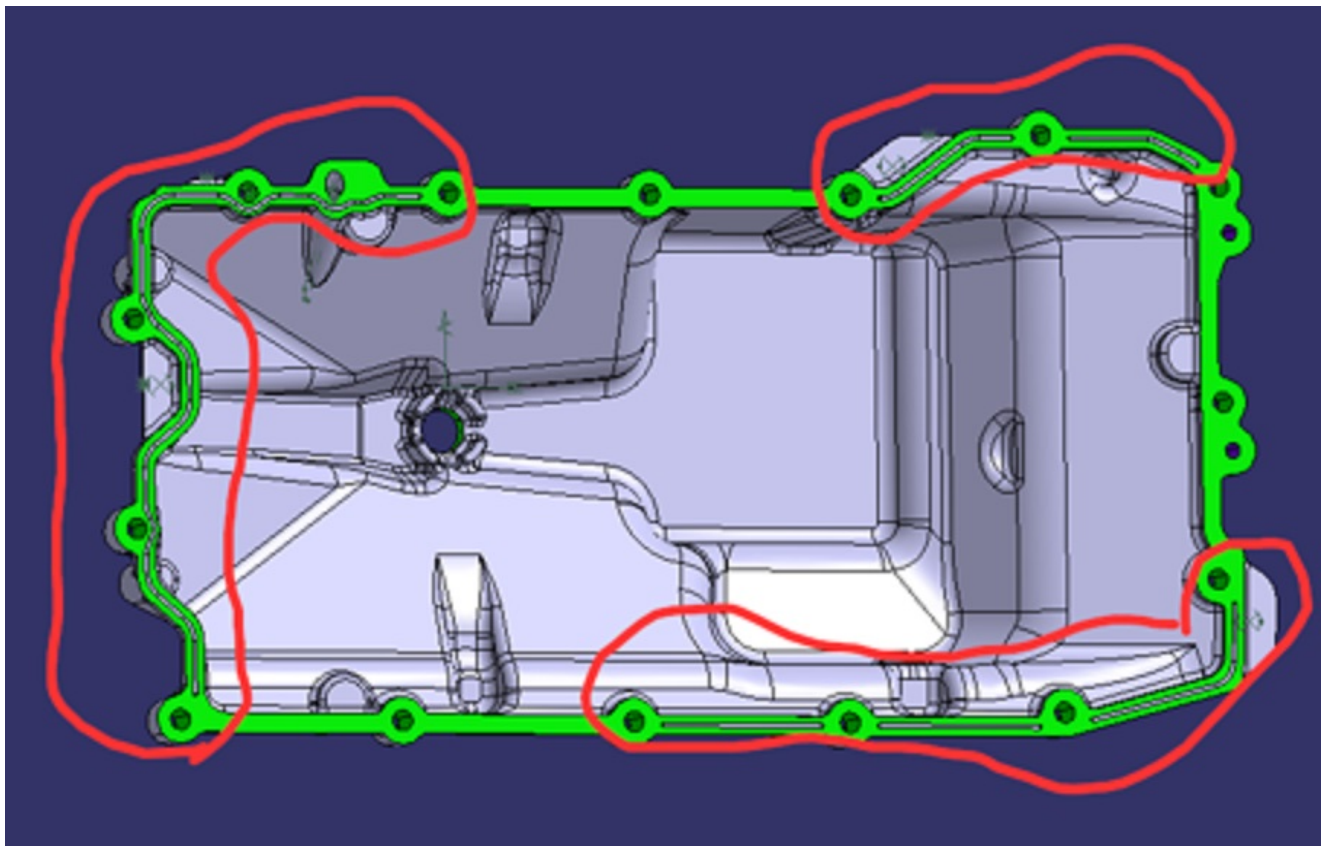
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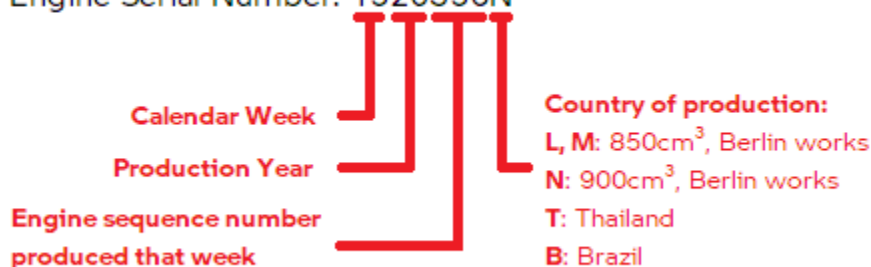
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