



SIB 11 07 21

MACHINING MARKS ON THE INTAKE CAMSHAFT

2021-06-02

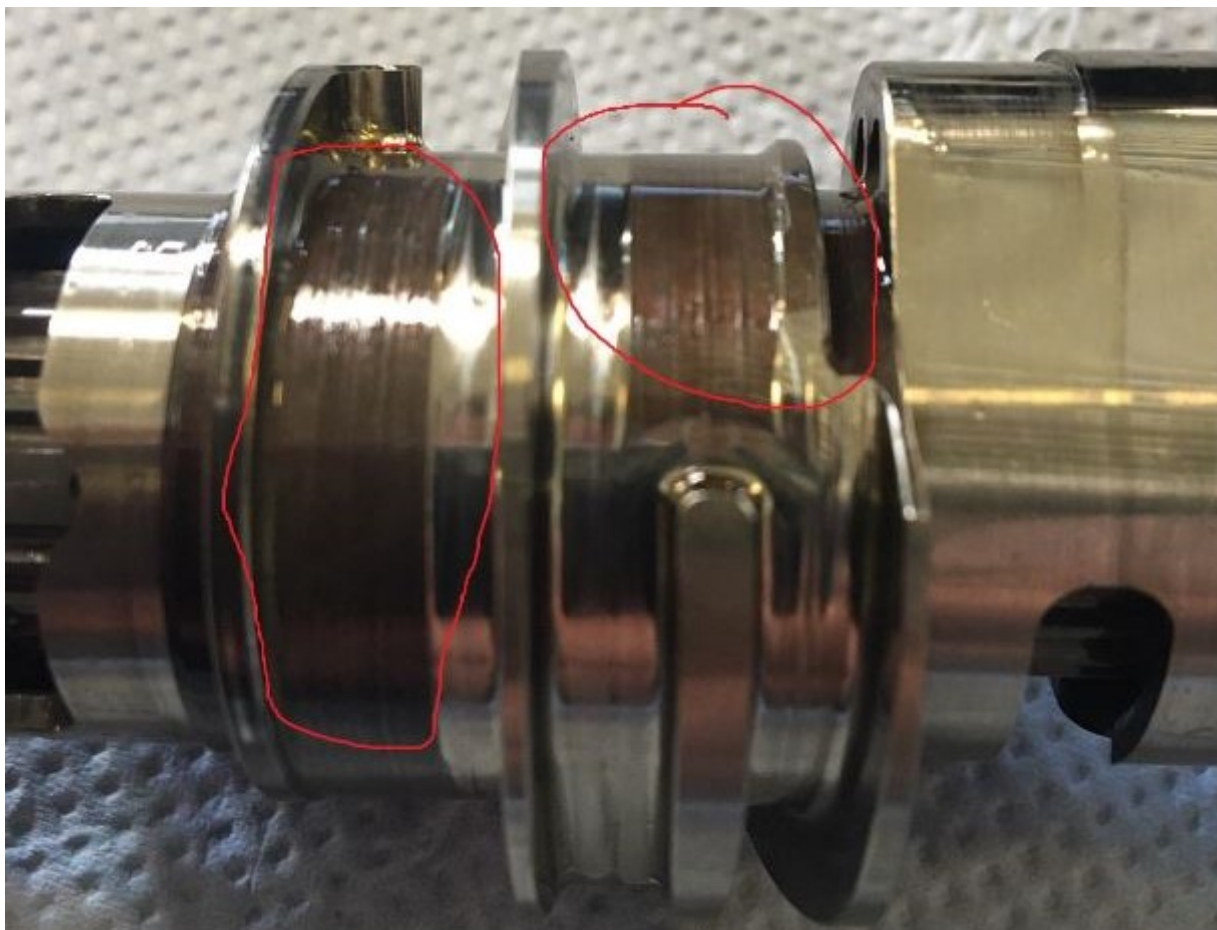
E-Series	Model Description
K67	S 1000 RR

SITUATION

This bulletin will help in differentiating expected machining marks on the intake camshaft vs. unacceptable damage requiring repair.

The surface of the sliding pieces on the inlet camshaft is partly not machined, as shown circled in Figure 1, below:

Figure 1: K67 inlet camshaft traces of machining



This does not represent a defect and corresponds to production specifications.

In Figure 2, below, the so-called airbag ramps are marked with red arrows.

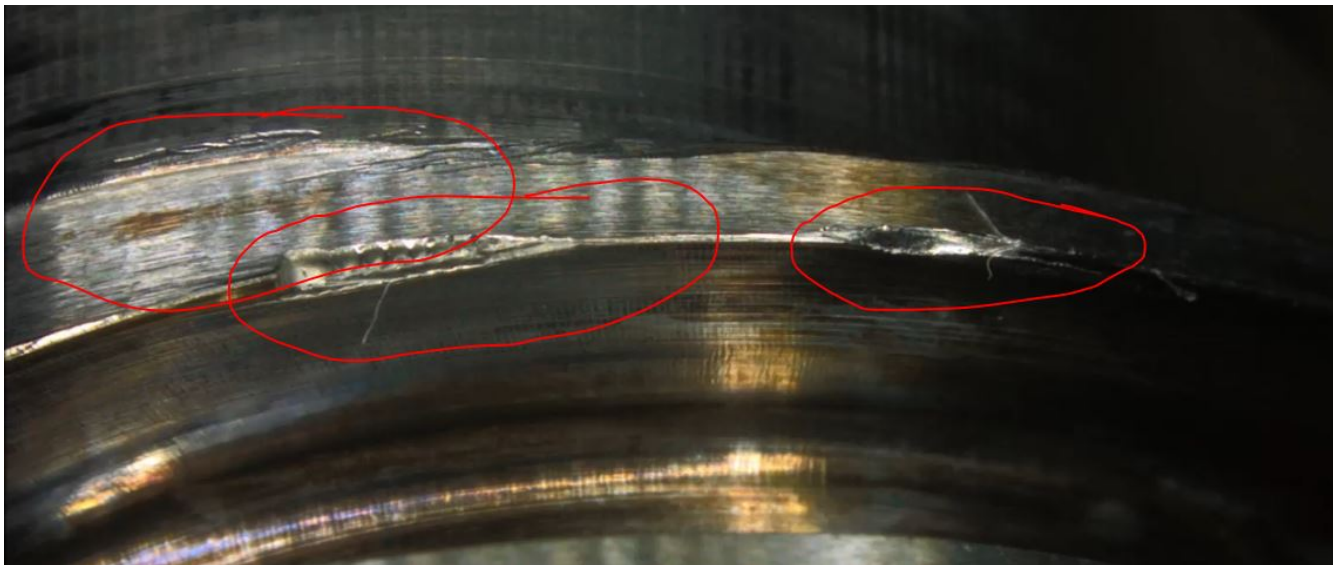
Figure 2: K67 inlet camshaft relevant areas



These airbag ramps are machined because the pins of the actuators extend/retract on them and move the sliding pieces to the correct camshaft position. These ramps must not have any damage.

An example of such damage to the ramps can be found in Figure 3, below:

Figure 3: K67 inlet camshaft damaged at the ramps



If you notice any damage on the airbag ramps, please create a TSARA case and submit the relevant photos.

As a rule, when there is damage at the airbag ramps, it is accompanied by a fault memory entry "0x3A1980 – Switching-cam system, maximum number of positioning faults above limit speed reached". This activates a warning light in the TFT and a corresponding fault message for the customer.

In the event of a defect, both the intake camshaft and the actuators must be replaced, the fault memory deleted, and the adaptation values reset.

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

[picture_as_pdf 11 07 21 MACHINING MARKS ON THE INTAKE CAMSHAFT.pdf](#)

Service Information Bulletin

Engine

June 2, 2021

11 07 21

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**BMW
MOTORRAD**

MODEL

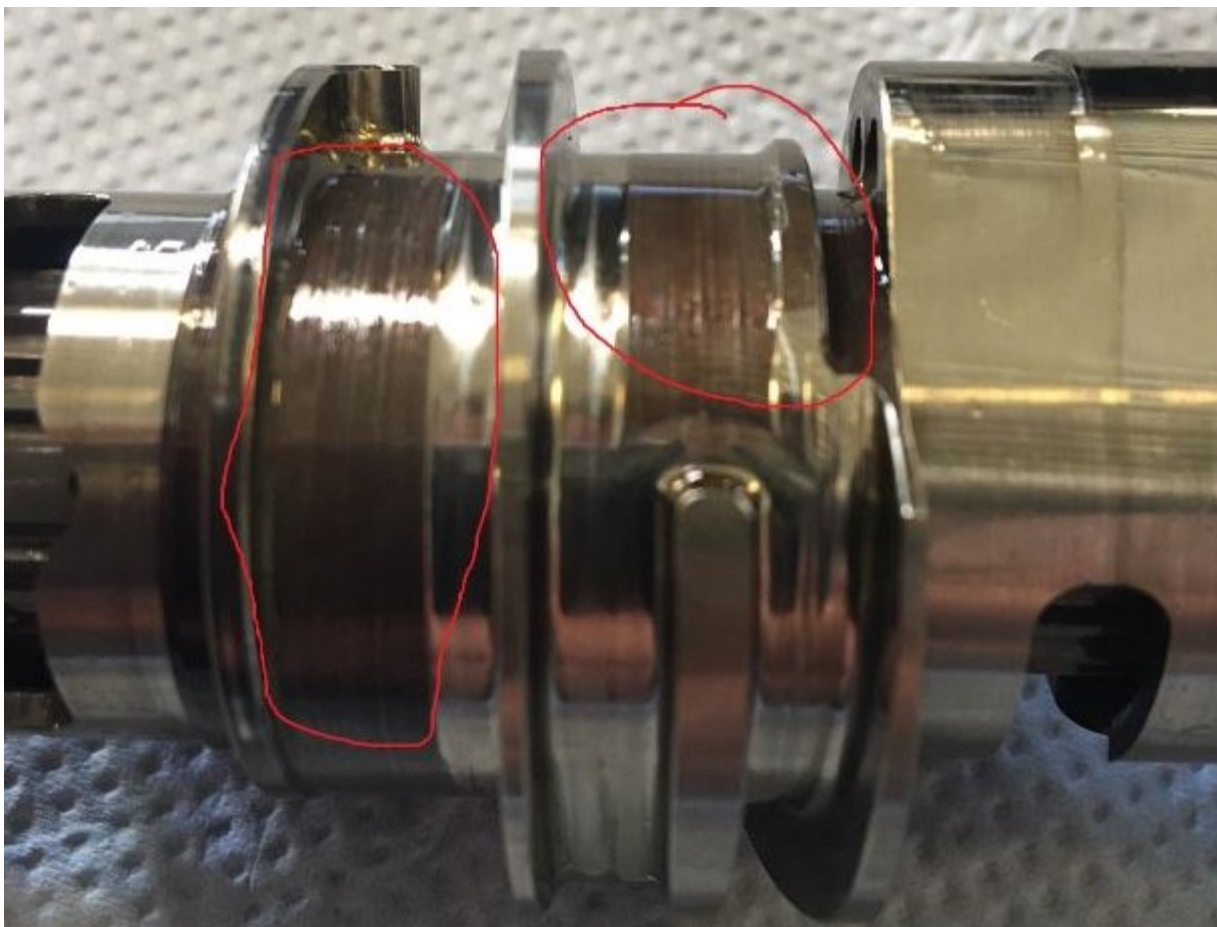
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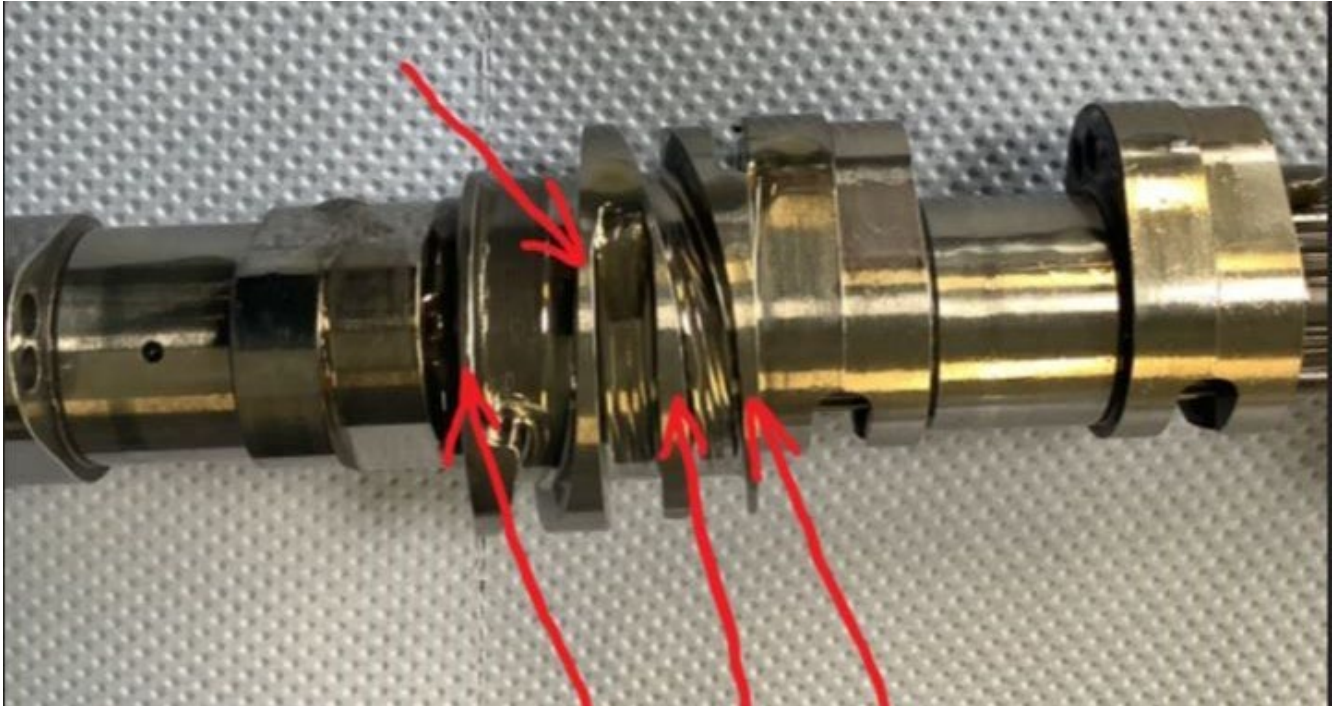
Figure 1: K67 inlet camshaft traces of machining



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In Figure 2, below, the so-called airbag ramps are marked with red arrows.

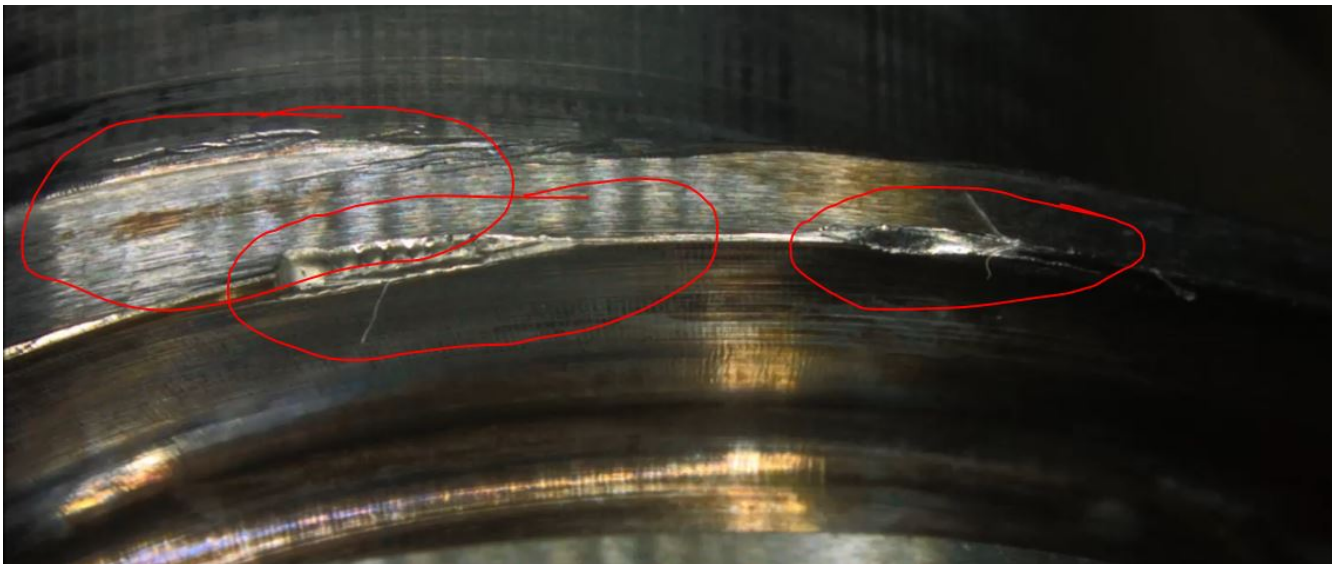
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