

Check Crankcase

Models

Model Description	Engineering Designation	Type Code
S 1000 RR	K67	0E23

Situation

On a limited number of engines for the S 1000 RR (K67), there were two deviations that occurred during the machining work on the crankcase lower section.

- Due to an incorrect reference point, the machining was slightly displaced. The resulting wall thicknesses may, at certain points, not be sufficient for the long-term durability of the engine.
- Due to unfavorable tolerances of the unmachined part and the resulting work, incorrect seating can occur at the lower left screw connection of the frame for the engine.

The vehicles must be checked and reworked according to the following specifications.

Check

Perform a visual inspection in the area above the side stand bearing support to determine if traces of milling can be seen in the ribs of the crankcase. If traces of milling can be seen, a TSARA case with photo documentation must be created. Engine replacement is carried out ONLY after confirmation by Technical Support.

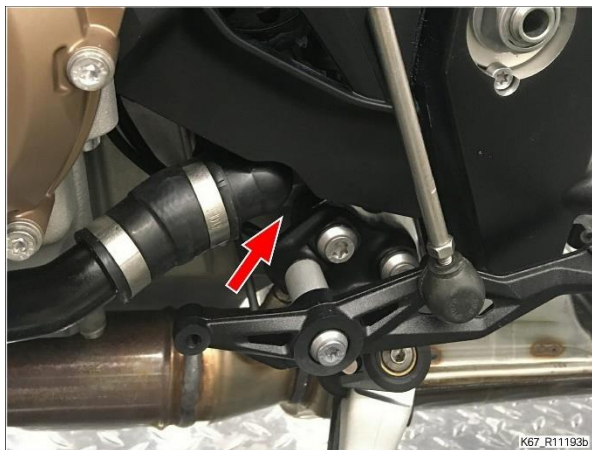


Figure 1: visual inspection



Figure 2: visual inspection

If no milling trace is visible, the left lower screw fitting at the frame/engine must be redone. A new bolt must be tightened **with an increased torque of 85 Nm**. The pinion guard and gearshift lever should be removed for easier access to the screw.

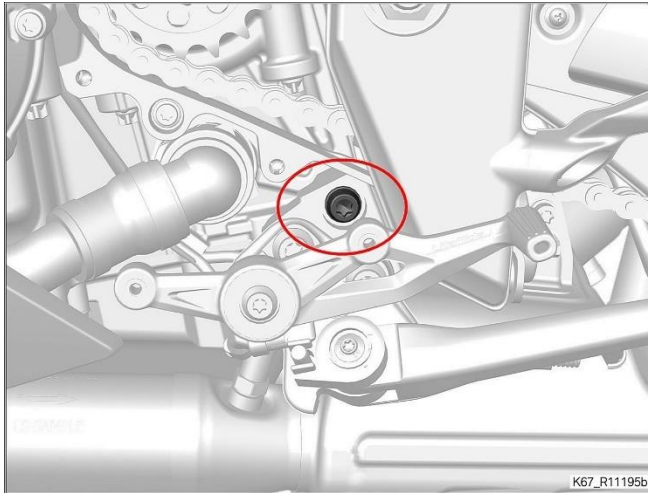


Figure 3: screw to be replaced

Vehicles Affected

In order to determine if a specific vehicle is affected by this Technical Campaign, it will be necessary to verify all VIN's through AIR (Aftersales Information Research). Based on the response of the system, either proceed with the repair or take no further action. Please note, VIN's in DCS Vehicle History Check may not appear until 24-72 hours after the release of this bulletin, therefore AIR is the recommended method for determining open campaigns.

Production Solution

As of 11/18/2019 vehicles are produced correctly.

Service Solution

For affected vehicles prior to delivery or during the next workshop visit, the crankcase lower section must be checked according to the above description and the vehicle must be reworked accordingly.

The description of the engine exchange can be found in the current Repair and Service Data BMW Motorrad (AIR).

Warranty Information

Covered by the normal terms of the BMW New Motorcycle Limited Warranty.

Defect Code

00 11 43 00 00	Check Crankcase
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FRU Numbers, Descriptions, Amounts, Parts

Warranty processing (check and replace bolt)

*00 60 354	Check Crankcase Housing, 3 FRU's
+00 60 731	Check Crankcase Housing, 2 FRU's
46 52 510	Removing/Installing rear-wheel stand (motorcycles without center stand), 1 FRU

Part Number

46 71 7 726 489	Bolt M10x50
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Warranty processing (check and replace engine)

*11 00 050	Removing/installing engine, 51 FRU's
+11 00 541	Removing/installing engine, 50 FRU's
46 52 510	Removing/Installing rear-wheel stand (motorcycles without center stand), 1 FRU
61 35 502	Setting limit for running-in rpm, 2 FRU's

Part Number

11 00 9 480 964	Engine
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NOTICE

In the event an engine exchange is required, a TSARA case and approval from Technical Support is absolutely required.

*Main Work: These main labor operations include all repair procedures to complete the task with allowance for necessary ancillary tasks (e.g. visual inspection, lubrication, cleaning parts etc.) and administrative tasks. Only one main labor operation can be claimed per repair visit. All other labor operations for any other line(s) must be claimed using plus code labor operations. Please refer to the Warranty Policy and Procedures Manual regarding add-ons, proper support, documentation, claims submission and archiving requirements as applicable.



NOTICE

Other required small parts can be found in the Electronic Parts Catalogue and billed as needed.

Questions Regarding This Bulletin?

For technical inquires	Please contact the Motorrad Technical Support Group
For warranty inquires	Submit an IDS ticket to the Warranty Department
For parts inquires	Submit an IDS ticket to the Motorrad Parts Department