

SKF Technical Bulletin

VKBA 3667 - SKF Bearing design evolution with mandatory replacement of the cap included in the kit + Removal of the dust cover



BMW 3, Z4



SKF Bearing design evolution with mandatory replacement of the cap included in the kit + Removal of the dust cover



OE Nb	Bearing	Dust cover	Cap
BMW	31 22 6 757 024	31 20 6 777 788	31 20 6 777 789

SKF has developed and applied a new bearing design for the SKF Wheel bearing VKBA 3667. The bearing uses new sealing solutions both on the outboard side and the inboard side.

Outboard side

The bearing has no outboard seal as shown on the right picture below. The seal is not needed as the cap included in the SKF kit has a sealing function. **Note! It is mandatory to replace the cap!**

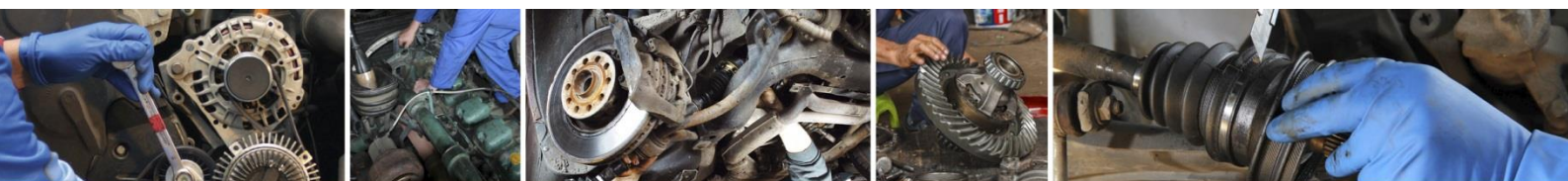
The SKF bearing is pre-greased for life and in line with the OE product quality and performance.



Aftermarket bearing design with outboard seal



SKF bearing design without outboard seal

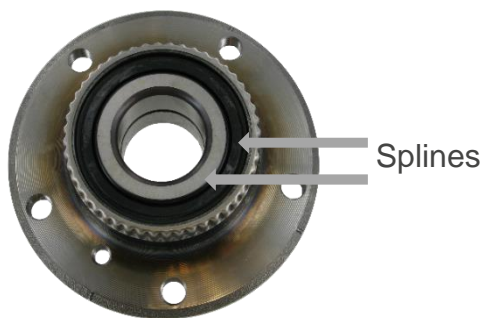


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Inboard side

The SKF design is using a cassette-seal on the inner ring instead of a mono-seal for a better sealing performance.

Note! The dust cover mounted on the knuckle of the car must be removed to avoid the cassette-seal damage!



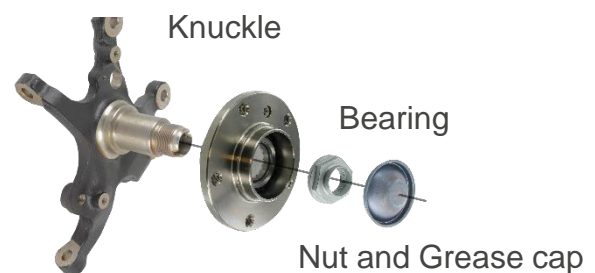
Aftermarket design with mono-seal and splines for the dust Cover



SKF design with cassette-seal and no splines for the dust cover

Removal of the worn components (Grease cap, Bearing and Dust Cover) and fitting of the new wheel bearing

- ✓ Follow the mounting instructions MI-537930 to remove the old wheel bearing
- ✓ Remove the dust cover from the knuckle
- ✓ Continue to install the new wheel bearing (following the mounting instructions)
- ✓ Replace the grease cap and the nut delivered in the SKF kit for a professional repair



YouTube [Click here to watch SKF technical videos on Youtube!](#)

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