

SKF Technical Bulletin

VKBA 3667 – Fitting Instructions



BMW 3 / Compact / Convertible / Coupe / Touring (E36, E46)
5 / Touring(E34), 7(E32), 8 (E31)
Z3 Roadster/Coupe (E36), Z4 Roadster (E85)



Fitting instructions: Caution when mounting the Wheel bearing kit VKBA 3667



OE Nb: 31 22 6 757 024, 31 22 1 139 345

SKF use safe packaging solutions to protect the wheel bearing from damage during transport or mounting. VKBA 3667 is delivered with a plastic joining sleeve, to keep the inner rings together, until the bearing is mounted on the car.



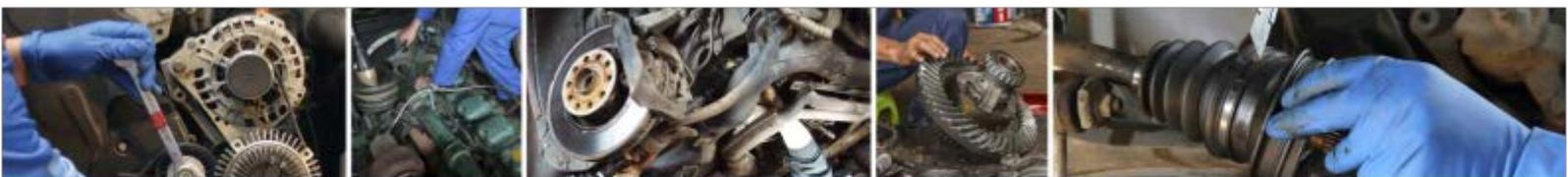
Bearing with plastic
Joining sleeve



The plastic joining sleeve ring will be automatically pushed out by the axle stub, when mounting the bearing in a correct way, applying the force on the inner ring. Do not push out the plastic sleeve manually before mounting.

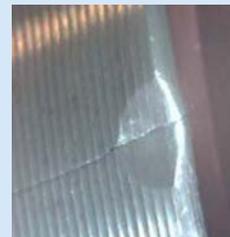


- Never remove plastic sleeve before mounting the bearing, as this will separate the inner rings
- Always use correct mounting tools
- Apply the correct force on the bearing inner ring



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VKBA 3667 – Troubleshooting



Likely causes

- Wrong tools used
- Wrong mounting
- Wrong applied force

Consequences

- Bearing inner rings could be separated, despite the plastic secure ring
- Bearing outer rings can move out of the bearing due to the press fit, when the shaft gets pushed through the inner ring
- The balls and raceways will get damaged as the mounting force is transmitted through the balls and raceways
- Premature bearing failure/damage (due to water ingress....)

Solution

- Use correct tools for a proper mounting
- Apply correct force

VKBA 3667

