

SKF VKD35002

SKF VKD 35002 Suspension Bearing User Manual

Model: VKD35002

1. INTRODUCTION

This manual provides essential information for the proper handling, installation, and maintenance of the SKF VKD 35002 Suspension Bearing. This product is designed to ensure a quality repair of the suspension corner in compatible vehicles. Adherence to these instructions is crucial for the safety and longevity of the component and the vehicle.

2. SAFETY INFORMATION

- **Professional Installation Required:** The SKF VKD 35002 Suspension Bearing must be installed by a knowledgeable mechanic.
- **Correct Tooling:** Always use the correct tooling as specified by SKF and vehicle manufacturers.
- **Adhere to Instructions:** Installation must be in strict accordance with SKF instructions and the vehicle mounting instructions.
- **Vehicle Safety:** SKF prioritizes vehicle safety. Our high-quality parts are designed for safe and lasting repairs when installed correctly.
- **Verify Compatibility:** Ensure exact match between your vehicle and this product by verifying through Amazon or the SKF Automotive aftermarket website.

3. PRODUCT OVERVIEW

The SKF VKD 35002 is a suspension bearing designed for specific automotive applications. It plays a critical role in the vehicle's suspension system, contributing to steering precision and ride comfort. This single pack includes the necessary bearing for a quality repair.



Image: Main view of the SKF VKD 35002 Suspension Bearing, showing its primary form and material.



Image: Close-up view of the SKF VKD 35002 Suspension Bearing, highlighting its internal structure and design.



Image: Displaying two components of the SKF VKD 35002 Suspension Bearing kit, illustrating the bearing and its associated part.

4. SETUP AND INSTALLATION

Installation of the SKF VKD 35002 Suspension Bearing requires specialized knowledge and tools. It is imperative that this component is installed by a certified mechanic following the vehicle manufacturer's guidelines and SKF's specific instructions.

- **Consult Vehicle Manual:** Always refer to your vehicle's service manual for specific removal and installation procedures for suspension components.
- **SKF Instructions:** For detailed product and technical information, including installation guides, scan the QR code located on the product label of the box.
- **Proper Torque:** Ensure all fasteners are torqued to the manufacturer's specifications.

5. OPERATING PRINCIPLES

The SKF VKD 35002 Suspension Bearing facilitates the smooth rotation and articulation of the suspension strut relative to the vehicle's chassis. This allows the strut to turn freely with the steering knuckle, ensuring proper steering response and absorbing rotational forces during suspension travel. A properly functioning suspension bearing is crucial for maintaining vehicle alignment, reducing tire wear, and providing a comfortable ride.

6. MAINTENANCE

Suspension bearings are typically sealed units designed for long-term performance and generally do not require routine lubrication. Maintenance primarily involves periodic inspection as part of a comprehensive vehicle service.

- **Regular Inspection:** During routine vehicle maintenance, have a qualified mechanic inspect the suspension bearings for signs of wear, such as excessive play, noise, or binding.
- **Replacement:** If a bearing shows signs of failure or wear, it should be replaced immediately by a professional to prevent further damage to the suspension system and ensure vehicle safety.

7. TROUBLESHOOTING

Issues with suspension bearings often manifest as specific symptoms. If you experience any of the following, consult a qualified mechanic for diagnosis and repair:

- **Noises:** Clunking, popping, or grinding sounds from the suspension, especially when turning or going over bumps.
- **Steering Issues:** Stiff steering, difficulty returning to center, or excessive play in the steering wheel.
- **Uneven Tire Wear:** Abnormal wear patterns on tires can sometimes indicate suspension component issues.
- **Vibration:** Unusual vibrations felt through the steering wheel or vehicle body.

Attempting to diagnose or repair suspension components without proper training and tools can be dangerous and may lead to further damage.

8. SPECIFICATIONS

Attribute	Detail
Manufacturer	SKF
Brand	SKF
Item Weight	4.5 ounces
Product Dimensions	4.8 x 0.87 x 4.8 inches
Item Model Number	VKD35002
Manufacturer Part Number	VKD35002
Position	Left
ASIN	B00B9BHSWW
Date First Available	June 27, 2013

9. WARRANTY AND SUPPORT

For information regarding the warranty of your SKF VKD 35002 Suspension Bearing, please refer to the official SKF website or contact SKF customer support directly. Warranty terms and conditions may vary. For additional product information, technical assistance, or to locate an authorized SKF distributor, please visit the official SKF Automotive aftermarket website or the [SKF Store on Amazon](#).

