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› **SKF Front Wheel Hub Bearing Assembly BR930546 User Manual**

**SKF BR930546**

# SKF Front Wheel Hub Bearing Assembly BR930546 User Manual

Model: BR930546

## PRODUCT OVERVIEW

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The SKF Front Wheel Hub Bearing Assembly BR930546 is an aftermarket replacement part designed for specific Dodge and Ram models. This assembly is engineered to meet or exceed original equipment (OE) specifications, ensuring reliable performance and safety for your vehicle.



Image: Front view of the SKF Wheel Hub Bearing Assembly, showing the hub with wheel studs and the attached ABS sensor cable.

## PACKAGE CONTENTS

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Upon opening the package, verify that all components are present:

- 1 x SKF Front Wheel Hub Bearing Assembly (Model BR930546)
- Integrated ABS sensor cable (if applicable to the specific model)

No additional components are typically included beyond the complete assembly.

## INSTALLATION (SETUP)

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Installation of the SKF Front Wheel Hub Bearing Assembly requires specialized tools and technical knowledge. **It is strongly recommended that this product be installed by a qualified and knowledgeable mechanic.** Improper installation can lead to vehicle damage, component failure, and serious injury.

1. **Preparation:** Ensure the vehicle is safely lifted and supported. Remove the wheel, brake caliper, rotor, and any other components obstructing access to the old hub assembly.
2. **Removal of Old Assembly:** Disconnect the ABS sensor cable (if present) and remove the bolts securing the old hub assembly to the steering knuckle. Carefully remove the old assembly.
3. **Surface Cleaning:** Thoroughly clean the mating surface on the steering knuckle to ensure proper seating of the

new hub assembly. Remove any rust, dirt, or debris.

4. **New Assembly Installation:** Position the new SKF hub assembly onto the steering knuckle. Ensure the ABS sensor cable is routed correctly and not pinched. Secure the assembly with the appropriate bolts.
5. **Torque Specifications:** Tighten all fasteners to the vehicle manufacturer's specified torque values. *Refer to your vehicle's service manual for exact torque specifications.*
6. **ABS Sensor Connection:** Reconnect the ABS sensor cable securely.
7. **Reassembly:** Reinstall the brake rotor, caliper, and wheel. Lower the vehicle safely.
8. **Final Check:** After installation, perform a test drive to ensure proper function and check for any abnormal noises or vibrations. Verify that the ABS warning light is off.

For detailed, step-by-step instructions and technical information, scan the QR code located on the product box label. This will provide access to SKF's official installation guidelines.



Image: Side view of the SKF Wheel Hub Bearing Assembly, showing the bearing housing and mounting points.

## OPERATING CONSIDERATIONS

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Once installed, the SKF Wheel Hub Bearing Assembly operates as an integral part of your vehicle's wheel and suspension system. It is designed for maintenance-free operation under normal driving conditions.

- **Vehicle Safety:** This component is critical for vehicle safety. Ensure all related components are in good working order.
- **Professional Installation:** As noted, professional installation is paramount for correct operation and longevity.
- **OE Specifications:** The assembly is manufactured to meet or exceed OE specifications, ensuring compatibility and performance equivalent to original parts.

## MAINTENANCE

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The SKF Front Wheel Hub Bearing Assembly is designed to be a sealed, maintenance-free unit. No regular lubrication or

adjustment is required after proper installation.

- **Regular Inspections:** During routine vehicle maintenance (e.g., tire rotations, brake inspections), it is advisable to visually inspect the hub assembly for any signs of damage, excessive play, or leaks.
- **Avoid Contamination:** Protect the assembly from excessive dirt, water, and corrosive chemicals, especially during installation.
- **No Disassembly:** Do not attempt to disassemble the hub bearing unit, as it is a sealed assembly and not designed for field repair.

## TROUBLESHOOTING

If you experience issues after installing the SKF Front Wheel Hub Bearing Assembly, consider the following common problems and solutions:

Symptom	Possible Cause	Solution
Grinding, humming, or roaring noise from wheel	Bearing failure (rare for new part), improper installation, or related component issue.	Re-check installation, especially torque specifications. Inspect for damage. If noise persists, professional diagnosis is required.
ABS warning light illuminated	Disconnected or damaged ABS sensor cable, faulty sensor, or vehicle's ABS system issue.	Verify ABS sensor cable is securely connected and undamaged. Check for fault codes with a diagnostic scanner.
Excessive wheel play	Improperly torqued axle nut (if applicable), loose mounting bolts, or damaged bearing.	Re-check all fastener torque specifications. If play persists, the bearing may be faulty and require replacement.

If troubleshooting steps do not resolve the issue, consult with a certified automotive technician.



Image: Top view of the SKF Wheel Hub Bearing Assembly, showing the central bore and mounting holes.

### SPECIFICATIONS

Attribute	Detail
Brand	SKF
Model Number	BR930546
Material	High Carbon Steel
Item Dimensions (L x W x H)	10 x 7 x 10 inches
Item Weight	25 Pounds
Bearing Type	Ball Bearing
Compatible Lubricant	Grease (pre-lubricated, sealed unit)
Specification Met	OE (Original Equipment)
Manufacturer Part Number	BR930546
UPC	085311459570

### WARRANTY AND SUPPORT




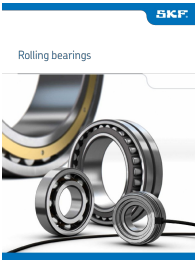

Specific warranty details for the SKF Front Wheel Hub Bearing Assembly BR930546 are not provided within this manual.



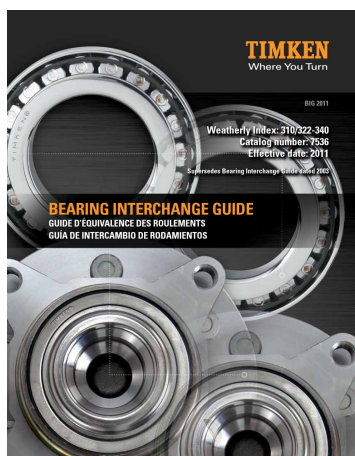
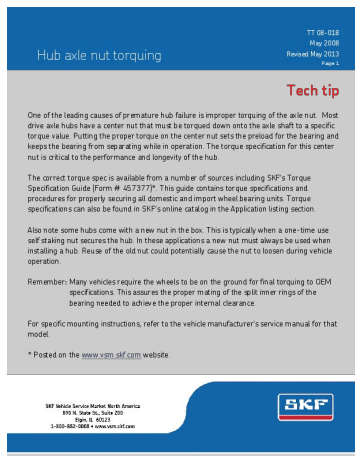
For information regarding product warranty, returns, or technical support, please refer to the official SKF website or contact SKF customer service directly.

SKF products are designed and manufactured to high quality standards. For additional technical resources and product information, you may visit the [SKF Store on Amazon](#) or the official SKF global website.

Related Documents - BR930546

	<p><a href="#">SKF Изделия для Технического Обслуживания и Смазочные Материалы</a></p> <p>Каталог SKF, посвященный изделиям и материалам для технического обслуживания подшипников. Охватывает монтаж, демонтаж, смазывание, выверку и мониторинг состояния для продления срока службы подшипников.</p>
	<p><a href="#">Volvo 7xx/9xx Front Suspension Maintenance Guide: Alignment, Bushings, Struts, and More</a></p> <p>Comprehensive guide to Volvo 7xx, 9xx, 740, 744T, 745T, 940, and 960 front suspension maintenance, covering wheel alignment, bushing replacement, strut installation, tie rod and ball joint service, troubleshooting, and more.</p>
	<p><a href="#">VEVOR Commercial Ice Machine User Manual: SKF-B40F, SKF-B45F, SKF-C50F, SKF-C55F</a></p> <p>Comprehensive user manual for VEVOR Commercial Ice Machines, models SKF-B40F, SKF-B45F, SKF-C50F, and SKF-C55F. Includes setup, operation, safety, maintenance, and troubleshooting guides.</p>
	<p><a href="#">SKF Rolling Bearings Catalog: Selection Guide and Technical Data</a></p> <p>Comprehensive catalog from SKF detailing rolling bearings for industrial applications. Covers bearing selection processes, types, technical specifications, and performance data to help engineers and designers choose the optimal bearing solution.</p>
	<p><a href="#">berbel Inselhaube Skyline Frame Bedienungs- und Montageanleitung</a></p> <p>Umfassende Bedienungs- und Montageanleitung für die berbel Inselhaube Skyline Frame Modelle BIH 100 SKF, BIH 120 SKF, BIH 140 SKF und BIH 160 SKF. Enthält Sicherheitshinweise, Produktinformationen, Installationsschritte, Bedienung, Reinigung, Wartung und Fehlerbehebung.</p>





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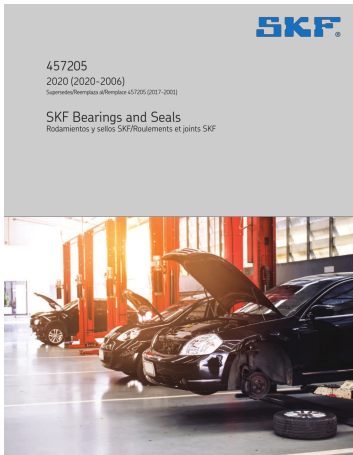
2009 Catalog 457013 Supersedes 457013, Dated October 2006 SKF Bearings

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