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› SKF Seal 15754 Aftermarket Replacement Part Instruction Manual

## SKF 15754

# SKF Seal 15754 Aftermarket Replacement Part Instruction Manual

Model: 15754

## INTRODUCTION

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This manual provides essential information for the proper handling, installation, and maintenance of the SKF Seal 15754. This aftermarket replacement part is designed for specific Jeep models, ensuring reliable performance when correctly installed.

## 1. PRODUCT OVERVIEW

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Figure 1.1: Top view of the SKF 15754 seal, highlighting the inner sealing surface.



Figure 1.2: Angled view of the seal, revealing the garter spring and metal housing.

## What's in the Box

- One (1) SKF Seal 15754

## Key Product Features

- **Product Type:** Auto Part
- **Item Package Quantity:** 1
- **Item Package Dimensions:** 4.75L x 4.75W x 0.88H inches
- **Item Package Weight:** 0.14 Pounds

## 2. COMPATIBILITY

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The SKF Seal 15754 is an aftermarket replacement part designed to be compatible with the following Jeep models:

- Jeep Commander (2005-2010)
- Jeep Grand Cherokee (2005-2010)

Always verify the part number against your vehicle's specific requirements before installation.

## 3. SETUP AND INSTALLATION

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Proper installation is crucial for the longevity and performance of the seal. It is highly recommended that installation be performed by a qualified automotive technician. If you choose to perform the installation yourself, consult your vehicle's specific service manual for detailed, step-by-step instructions and torque specifications.

### General Installation Guidelines (Consult Service Manual for Specifics):

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the battery if necessary.
2. **Access the Component:** Depending on the seal's location (e.g., wheel bearing, differential), you may need to remove wheels, brake components, axles, or other related parts to gain access.
3. **Remove Old Seal:** Carefully remove the old seal using appropriate tools. Avoid damaging the housing or shaft.
4. **Clean Surfaces:** Thoroughly clean the sealing surfaces on both the housing and the shaft. Remove any old sealant, dirt, or debris. Inspect for burrs or damage.
5. **Lubricate New Seal:** Apply a thin coat of appropriate lubricant (e.g., clean gear oil, grease) to the sealing lip of the new SKF 15754 seal.
6. **Install New Seal:** Using a seal driver or a suitable socket that matches the outer diameter of the seal, carefully and evenly press the new seal into its housing until it is fully seated. Ensure it is not cocked or damaged during installation.
7. **Reassemble:** Reinstall all removed components in reverse order, adhering to the vehicle manufacturer's torque specifications for all fasteners.
8. **Test:** After reassembly, perform a functional test to ensure proper operation and check for any leaks.



Figure 3.1: Side profile of the seal, illustrating its construction.

## 4. OPERATING PRINCIPLE

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The SKF Seal 15754 functions as a barrier to prevent lubricants (like oil or grease) from escaping a component while simultaneously preventing contaminants (like dirt, water, or dust) from entering. Its primary role is to maintain the integrity of the lubrication system and protect internal components from environmental elements, ensuring smooth operation and extending the lifespan of the sealed assembly.

## 5. MAINTENANCE

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Seals are wear items and do not typically require routine maintenance beyond proper initial installation. However, periodic inspection of the sealed area can help identify potential issues early.

### Inspection Guidelines:

- **Visual Check:** Regularly inspect the area around the seal for any signs of lubricant leakage or excessive dirt/debris accumulation.
- **Noise:** Listen for unusual noises that might indicate a failing bearing or seal.

- **Replacement:** Seals should be replaced whenever the component they protect (e.g., wheel bearing, axle shaft) is serviced or replaced, or if signs of leakage or damage are observed.

## 6. TROUBLESHOOTING

Most issues related to seals manifest as leaks or, less commonly, unusual noises if the seal is part of a rotating assembly that is failing due to contamination.

### Common Issues and Solutions:

| Symptom                                 | Possible Cause                                                                                                                                                                                                                              | Solution                                                                                                                                                                                                                                                            |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lubricant Leakage                       | <ul style="list-style-type: none"><li>• Improper installation (e.g., seal cocked, damaged during install)</li><li>• Worn or damaged seal</li><li>• Damaged shaft or housing surface</li><li>• Incorrect seal type for application</li></ul> | <ul style="list-style-type: none"><li>• Re-install seal correctly, ensuring proper seating.</li><li>• Replace the seal.</li><li>• Inspect shaft and housing for damage; repair or replace if necessary.</li><li>• Verify correct part number for vehicle.</li></ul> |
| Unusual Noise (e.g., grinding, humming) | <ul style="list-style-type: none"><li>• Seal failure leading to contamination of bearing</li><li>• Bearing failure (not directly seal issue, but related)</li></ul>                                                                         | <ul style="list-style-type: none"><li>• Inspect and replace seal and affected bearing.</li><li>• Diagnose and replace failing bearing.</li></ul>                                                                                                                    |

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a certified automotive professional.

## 7. SPECIFICATIONS

| Attribute                | Detail                                     |
|--------------------------|--------------------------------------------|
| Manufacturer             | SKF USA, Inc.                              |
| Brand                    | SKF                                        |
| Model                    | SKF Seal 15754 For Jeep Commander Cherokee |
| Item Model Number        | 15754                                      |
| Manufacturer Part Number | 15754                                      |
| Item Weight              | 2.18 ounces                                |
| Product Dimensions       | 3.63 x 3.63 x 0.88 inches                  |
| Exterior Finish          | Machined                                   |
| ASIN                     | B00HFLAAUW                                 |
| Date First Available     | January 1, 2008                            |

## 8. WARRANTY AND SUPPORT

For information regarding the warranty of your SKF Seal 15754, please refer to the official warranty policy provided by SKF or contact SKF customer support directly. Warranty terms and conditions may vary.

For technical assistance, product inquiries, or support, please visit the official SKF website or contact their customer service department. Contact information can typically be found on the SKF official website or product packaging.



Figure 8.1: SKF Official Logo.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question