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› Haldex GG4692HXG Drum Brake Shoe Kit User Manual

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Haldex GG4692HXG Drum Brake Shoe Kit User Manual

Model: GG4692HXG

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Haldex GG4692HXG Drum Brake Shoe Kit. This kit includes remanufactured rear drum brake shoes with hardware, designed for reliable braking performance. Please read this manual thoroughly before beginning any installation or maintenance procedures to ensure safety and optimal product function.



Image: Haldex GG4692HXG Drum Brake Shoe Kit. This image displays the complete kit, featuring two remanufactured drum brake shoes, various springs (red and copper-colored), and metal pins, all essential components for a drum brake system.

SAFETY INFORMATION

Always prioritize safety when working with vehicle braking systems. Improper installation or maintenance can lead to serious injury or vehicle damage. Consult a qualified mechanic if you are unsure about any procedure.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before working underneath.

- Disconnect the battery before performing any electrical work.
- Brake dust may contain asbestos or other hazardous materials. Use a proper dust mask and avoid inhaling dust.
- Do not use damaged or incorrect parts.
- Follow all vehicle manufacturer's specifications and torque requirements.

SETUP AND INSTALLATION

This section outlines the general steps for installing the Haldex GG4692HXG Drum Brake Shoe Kit. Specific procedures may vary depending on the vehicle make and model. Refer to your vehicle's service manual for detailed instructions.

Required Tools and Materials:

- Jack and Jack Stands
- Wheel Chocks
- Lug Wrench
- Brake Spring Pliers/Tools
- Screwdrivers (flathead and Phillips)
- Wrenches/Sockets
- Brake Cleaner
- High-Temperature Brake Grease
- Wire Brush

Installation Steps:

1. **Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and chock the wheels that will remain on the ground. Loosen the lug nuts on the wheels to be serviced, then raise the vehicle and secure it with jack stands. Remove the wheels.
2. **Remove Brake Drum:** Carefully remove the brake drum. If the drum is stuck, use a rubber mallet to tap around the edges or use the designated threaded holes for removal bolts if available.
3. **Inspect Existing Components:** Take note of the arrangement of the existing brake shoes, springs, and hardware. It is often helpful to take a photograph for reference. Inspect the wheel cylinder for leaks and the drum for excessive wear or scoring.
4. **Remove Old Brake Shoes and Hardware:** Using brake spring pliers or appropriate tools, carefully remove all springs, hold-down pins, and the old brake shoes. Pay attention to the orientation of each component.
5. **Clean and Lubricate:** Thoroughly clean the backing plate, wheel cylinder contact points, and all other components with brake cleaner and a wire brush. Apply a thin layer of high-temperature brake grease to the contact points on the backing plate where the brake shoes slide.
6. **Install New Hardware:** Install the new springs, pins, and other hardware from the Haldex GG4692HXG kit onto the new brake shoes and backing plate according to the vehicle manufacturer's specifications and your reference photos. Ensure all components are correctly seated and secured.
7. **Install New Brake Shoes:** Position the new brake shoes onto the backing plate, ensuring they are correctly aligned with the wheel cylinder and anchor points. Connect the remaining springs.
8. **Adjust Brake Shoes (if applicable):** Some drum brake systems require manual adjustment of the brake shoes to ensure proper contact with the drum. Refer to your vehicle's service manual for specific adjustment procedures.
9. **Reinstall Brake Drum:** Carefully slide the brake drum back over the new brake shoes. It should fit without excessive force. If it's too tight, the shoes may need further adjustment.
10. **Reassemble and Test:** Reinstall the wheels and tighten lug nuts to the manufacturer's specified torque. Lower the

vehicle. Before driving, pump the brake pedal several times to ensure the shoes are properly seated and the pedal feels firm. Test the brakes in a safe area at low speed.

OPERATING CONSIDERATIONS (BREAK-IN PROCEDURE)

After installing new brake shoes, a proper break-in procedure is crucial for optimal performance and longevity. This process, often called "bedding-in," helps to transfer a thin layer of friction material from the brake shoes to the drum, ensuring consistent braking and reducing noise.

- Initial Gentle Stops:** Drive the vehicle at a moderate speed (e.g., 30-40 mph) and apply the brakes gently to slow down to about 10 mph. Do not come to a complete stop. Repeat this 5-6 times, allowing a few minutes between stops for the brakes to cool slightly.
- Moderate Stops:** Increase speed slightly (e.g., 40-50 mph) and apply the brakes with moderate pressure, slowing down to about 10 mph. Repeat this 3-4 times, again allowing for cooling.
- Avoid Hard Braking:** For the first 200-300 miles after installation, avoid sudden, hard braking or prolonged braking (e.g., long descents). This allows the brake shoes to fully seat and the friction material to properly condition.
- Listen and Feel:** Pay attention to any unusual noises or vibrations during the break-in period. A slight burning smell is normal during the initial phase due to the curing of the friction material.

Proper break-in ensures maximum braking efficiency and extends the life of your new Haldex brake shoes.

MAINTENANCE

Regular inspection and maintenance of your drum brake system are essential for safety and performance. While the Haldex GG4692HXG kit provides new components, the overall system requires periodic checks.

Recommended Maintenance Schedule:

- Every 12,000 miles or 12 months (whichever comes first):**
 - Inspect brake shoes for wear, cracks, or contamination.
 - Check brake drums for excessive wear, scoring, or out-of-roundness.
 - Inspect all springs and hardware for corrosion, damage, or fatigue.
 - Check wheel cylinders for leaks or proper operation.
 - Clean brake dust from the drum assembly.
 - Lubricate contact points on the backing plate with high-temperature brake grease.
- Brake Fluid Check:** Regularly check your vehicle's brake fluid level and condition as per your vehicle manufacturer's recommendations. Low fluid can indicate a leak or worn brake components.

Promptly address any signs of brake issues, such as reduced braking performance, unusual noises (squealing, grinding), or a soft brake pedal.

TROUBLESHOOTING

This section provides common issues that may arise with drum brake systems and potential solutions. Always consult a qualified mechanic for complex issues or if you are unsure about diagnosis or repair.

Symptom	Possible Cause	Solution
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Symptom	Possible Cause	Solution
Squealing/Screeching Noise	New shoes not properly bedded-in, worn shoes, glazed drums, foreign material, loose hardware.	Perform break-in procedure. Inspect shoes and drums for wear/glazing; replace if necessary. Clean brake assembly. Check hardware tightness.
Grinding Noise	Severely worn shoes (metal-on-metal), foreign object in drum, severely scored drum.	Immediately inspect and replace worn shoes. Remove foreign objects. Resurface or replace drums if severely scored.
Soft or Spongy Brake Pedal	Air in brake lines, low brake fluid, leaking wheel cylinder, faulty master cylinder.	Bleed brake system. Check fluid level and top up. Inspect wheel cylinders for leaks and replace if necessary. Consult mechanic for master cylinder issues.
Brakes Pulling to One Side	Uneven shoe wear, contaminated shoes, faulty wheel cylinder, seized brake adjuster.	Inspect and replace shoes if unevenly worn or contaminated. Check and replace faulty wheel cylinder. Lubricate or replace seized adjuster.
Excessive Brake Dust	Normal during break-in, or aggressive driving habits.	Clean regularly. Ensure proper break-in. Adjust driving habits if necessary.

SPECIFICATIONS

The Haldex GG4692HXG Drum Brake Shoe Kit is designed to meet specific performance and fitment criteria.

- **Model:** GG4692HXG
- **Type:** Remanufactured Drum Brake Shoe Kit
- **Application:** Rear Axle
- **Quantity:** 2 Brake Shoes per kit
- **Includes:** Brake Shoes and Hardware
- **FMSI Number:** 4692
- **UPC:** 769161101154
- **Brand:** Haldex Midland

WARRANTY AND SUPPORT

For information regarding the warranty of your Haldex GG4692HXG Drum Brake Shoe Kit, please refer to the warranty documentation provided with your purchase or contact Haldex Midland customer support directly. Keep your proof of purchase for warranty claims.

Haldex Midland Customer Support:

- **Website:** www.haldex.com (Check for regional contact information)
- **General Inquiries:** Refer to the contact section on the official Haldex website for phone numbers or email support.

When contacting support, please have your product model (GG4692HXG) and purchase details ready.

ASK A QUESTION ABOUT THIS MANUAL

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

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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