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› Carlson H7365 Rear Brake Hardware Kit Instruction Manual

Carlson H7365



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Essential Guide for Installation and Maintenance

1. INTRODUCTION

This instruction manual provides detailed guidance for the proper installation, maintenance, and understanding of the Carlson H7365 Rear Brake Hardware Kit. This kit is designed to replace worn or damaged components in a vehicle's rear drum brake system, ensuring optimal braking performance and safety. Adherence to these instructions is crucial for correct function and longevity of the brake system.

2. PRODUCT OVERVIEW

The Carlson H7365 Rear Brake Hardware Kit includes all necessary springs, pins, adjusters, and clips required for a complete rear drum brake hardware replacement. These components are critical for the proper operation and adjustment of drum brakes.



Figure 2.1: A complete set of Carlson H7365 Rear Brake Hardware Kit components, including springs, adjusters, and pins.

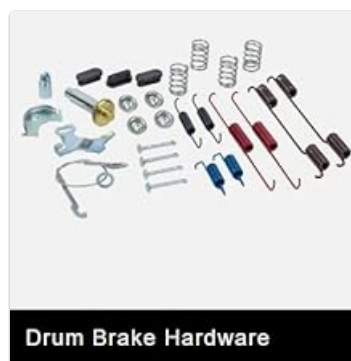


Figure 2.2: An assortment of drum brake hardware components, illustrating the variety of parts included in a typical kit.

3. SETUP AND INSTALLATION

Installation of brake hardware requires mechanical knowledge and specialized tools. It is highly recommended that installation be performed by a qualified automotive technician. Improper installation can lead to brake failure and serious injury.

3.1. Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands on a level surface. Never rely solely on a jack.
- Disconnect the vehicle's battery before beginning work to prevent accidental electrical activation.
- Allow brake components to cool completely before handling.

3.2. General Installation Steps

1. **Preparation:** Lift and secure the vehicle. Remove the wheel and brake drum.
2. **Inspection:** Carefully inspect the existing brake shoes, wheel cylinders, and drum for wear or damage. Replace any worn components as necessary.
3. **Disassembly:** Document or photograph the existing hardware arrangement. Remove old springs, pins, and adjusters. Note the orientation of all parts.
4. **Cleaning:** Thoroughly clean the backing plate and all contact points. Remove any rust or debris.
5. **Assembly:** Install the new Carlson H7365 hardware components according to the vehicle manufacturer's specifications and the documented original arrangement. Ensure all springs are

correctly tensioned and pins are securely seated.

- 6. **Adjustment:** Adjust the brake shoes to the proper clearance as specified by the vehicle manufacturer. This typically involves adjusting the star wheel adjuster until the drum fits snugly but without excessive drag.
- 7. **Final Checks:** Reinstall the brake drum and wheel. Lower the vehicle. Pump the brake pedal several times to ensure proper shoe seating and pedal feel. Test drive the vehicle in a safe area at low speed to confirm proper brake operation.

4. MAINTENANCE

Regular inspection of your vehicle's brake system, including the drum brake hardware, is essential for safety and performance. It is recommended to inspect brake hardware during routine tire rotations or brake service intervals.

- **Visual Inspection:** Check for signs of rust, corrosion, or deformation on springs and pins.
- **Spring Tension:** Ensure all springs are intact and providing adequate tension to hold brake shoes in place.
- **Adjuster Function:** Verify that the automatic adjuster mechanism is clean and operating freely.
- **Lubrication:** Apply a thin layer of high-temperature brake lubricant to contact points between the brake shoes and backing plate, as well as the adjuster mechanism, to prevent seizing and ensure smooth operation. Avoid getting lubricant on the brake shoe lining or drum surface.

5. TROUBLESHOOTING

If you experience any issues with your rear drum brakes after hardware replacement, consider the following common problems:

- **Squealing or Grinding Noise:** This could indicate improper shoe adjustment, worn brake shoes, or contamination of the brake surfaces. Re-inspect and clean components.
- **Uneven Braking:** May be caused by incorrect shoe adjustment, seized wheel cylinders, or unevenly worn brake shoes. Verify proper adjustment and inspect other brake components.
- **Brake Pedal Pulsation:** Often a sign of an out-of-round brake drum. Inspect and machine or replace drums as needed.
- **Parking Brake Issues:** If the parking brake does not hold or is too tight, check the parking brake cable adjustment and ensure all parking brake levers within the drum assembly are moving freely.

For persistent issues, consult a professional automotive technician.

6. SPECIFICATIONS

Attribute	Detail
Brand	Carlson
Model Number	H7365
Item Weight	6.4 ounces (0.18 kg)
Product Dimensions	7 x 6 x 1.5 inches (17.78 x 15.24 x 3.81 cm)

Position	Rear
Manufacturer Part Number	H7365
UPC	085499187388

7. WARRANTY AND SUPPORT

Carlson products are manufactured to high-quality standards. For specific warranty information regarding the H7365 Rear Brake Hardware Kit, please refer to the packaging or visit the official Carlson website. For technical support or inquiries, please contact Carlson customer service through their official channels.
Carlson Official Website: www.carlsonbrake.com (Example link, please verify actual URL)