Wagner F133168S

Wagner F133168S Drum Brake Self Adjuster Repair Kit

Instruction Manual

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Wagner F133168S Drum Brake Self Adjuster Repair Kit. This kit is designed to repair and improve brake systems in various vehicles, including foreign and domestic passenger cars, light trucks, SUVs, and vans. Adhering to these instructions will ensure optimal performance and longevity of the component.



Image: Components of the Wagner F133168S Drum Brake Self Adjuster Repair Kit. This image displays the various parts included in the repair kit, essential for drum brake self-adjustment.

Setup and Installation

Proper installation is crucial for the safe and effective operation of your vehicle's braking system. It is recommended that installation be performed by a qualified automotive technician.

Before You Begin:

- Ensure the vehicle is safely lifted and supported on jack stands.
- Remove the wheel and brake drum according to vehicle manufacturer specifications.

- Inspect all existing brake components for wear or damage. Replace any worn parts as necessary.
- Clean the brake assembly area thoroughly to remove dust and debris.

Installation Steps:

1. Carefully remove the old self-adjuster mechanism. Note the orientation of all components before removal.
2. Compare the new Wagner F133168S components with the old ones to ensure they match.
3. Install the new self-adjuster components following the vehicle manufacturer's service manual. Pay close attention to spring tension and lever placement.
4. Ensure the self-adjuster mechanism moves freely and engages correctly with the brake shoes.
5. Reinstall the brake drum and wheel.
6. Perform a functional check of the brakes in a safe environment before driving.

Operating Principles

The Wagner F133168S Drum Brake Self Adjuster Repair Kit is designed to maintain the correct clearance between the brake shoes and the drum as the brake lining wears. This automatic adjustment ensures consistent braking performance and pedal feel.

- **Maintains Proper Movement:** The self-adjuster ensures the brake shoes are always at the optimal distance from the drum, leading to safe and effective stopping performance.
- **Quieter Braking:** By maintaining correct clearances, the system helps reduce excessive movement and potential noise during braking.
- **Smoother Pedal Travel:** Consistent adjustment contributes to a more predictable and smoother brake pedal feel.
- **Longer Brake Life:** Proper adjustment minimizes unnecessary wear on brake components, extending their lifespan.

Maintenance

While the self-adjuster is designed for automatic operation, periodic inspection of the drum brake system is recommended to ensure all components are functioning correctly.

- During routine brake inspections (typically every 12,000 to 15,000 miles or as recommended by your vehicle manufacturer), visually inspect the self-adjuster mechanism.
- Check for any signs of corrosion, binding, or damage to the adjuster components.
- Ensure the adjuster lever and star wheel move freely. Apply a small amount of high-temperature brake grease to pivot points if necessary, avoiding contact with brake lining surfaces.
- Confirm that the brake shoes are adjusting evenly and that there is no excessive play.
- Replace the self-adjuster kit if any components show significant wear, damage, or are not functioning properly.

Troubleshooting

If you experience issues with your drum brake system after installing the self-adjuster kit, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Soft or Low Brake Pedal	Improper self-adjuster installation; Air in brake lines; Worn brake shoes.	Re-inspect self-adjuster installation; Bleed brake lines; Replace brake shoes.
Excessive Brake Noise (Squealing/Grinding)	Contaminated brake shoes/drum; Worn brake shoes; Improperly adjusted self-adjuster.	Clean or replace brake shoes/drum; Replace worn shoes; Verify self-adjuster function.
Brake Dragging/Overheating	Self-adjuster over-adjusting; Seized wheel cylinder; Parking brake issues.	Check self-adjuster for binding; Inspect and replace wheel cylinder if seized; Adjust parking brake.

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

Specifications

Attribute	Detail
Manufacturer	Wagner
Brand	Wagner
Item Model Number	F133168S
Manufacturer Part Number	F133168S
Item Weight	1.3 pounds
Package Dimensions	7.02 x 3.88 x 2 inches
ASIN	B001KZZGJO
Date First Available	October 10, 2007

Warranty and Support

For specific warranty information regarding the Wagner F133168S Drum Brake Self Adjuster Repair Kit,

please refer to the documentation included with your purchase or visit the official Wagner website. Wagner stands behind its products, providing quality components for reliable brake system performance.
For technical support or further inquiries, please contact Wagner customer service through their official channels. Always provide your product model number (F133168S) when seeking support.

Official Wagner Website: Visit the Wagner Store on Amazon

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