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World American WA04-3352

World American PIVOT BUSHING KIT Instruction Manual

Model: WA04-3352

Introduction

This manual provides essential information for the proper installation and maintenance of your World American PIVOT BUSHING KIT, Model WA04-3352. This kit is designed for heavy-duty suspension applications, specifically for pivot points in alignment systems. Please read these instructions thoroughly before proceeding with installation to ensure safety and optimal performance.

Product Overview

The World American PIVOT BUSHING KIT is a critical component for maintaining the structural integrity and proper alignment of heavy-duty vehicle suspension systems. It replaces worn or damaged pivot bushings, ensuring smooth operation and reducing wear on other suspension components. This kit is engineered for durability and precise fitment.

Kit Components

The PIVOT BUSHING KIT includes all necessary components for a complete replacement. Refer to the image below for a visual representation of the kit contents.



Image 1: Contents of the World American PIVOT BUSHING KIT. Shown are a black rubber bushing, a packet of yellow lubricant grease, two circular metal pivot seats, a long threaded bolt, two flat washers, and a hexagonal nut. These components are essential for the pivot point assembly in heavy-duty suspension systems.

- **Rubber Bushing:** A durable black rubber component designed to absorb shock and vibration, providing flexibility at the pivot point.
- **Lubricant Grease:** A packet of yellow grease for proper lubrication during installation and operation, reducing friction and wear.
- **Metal Pivot Seats:** Two circular metal components that provide a stable seating surface for the bushing and

pivot assembly.

- **Long Bolt:** A robust threaded bolt used to secure the pivot assembly.
- **Washers:** Two flat metal washers to distribute load and prevent loosening.
- **Nut:** A hexagonal nut for fastening the bolt securely.

Installation Instructions

Important: Installation of this PIVOT BUSHING KIT requires specialized tools and technical knowledge. It is highly recommended that installation be performed by a qualified automotive technician to ensure proper fitment, safety, and vehicle performance.

1. **Safety First:** Ensure the vehicle is properly supported on a level surface using appropriate jack stands. Disconnect the battery if necessary.
2. **Remove Old Components:** Carefully remove the existing pivot bushing and associated hardware. Note the orientation of all components during removal.
3. **Clean Mounting Area:** Thoroughly clean the mounting surfaces to remove any rust, dirt, or debris.
4. **Lubricate:** Apply the provided lubricant grease to the new bushing and pivot surfaces as instructed by vehicle service manual.
5. **Install New Bushing:** Insert the new rubber bushing into its designated housing.
6. **Assemble Pivot:** Position the metal pivot seats, bolt, washers, and nut according to the vehicle's service manual.
7. **Tighten Fasteners:** Torque the bolt and nut to the manufacturer's specified values. Over-tightening or under-tightening can lead to premature failure.
8. **Final Check:** Verify that all components are securely installed and that there is no binding or excessive play.

Operating Considerations

Once installed, the pivot bushing kit functions as an integral part of the vehicle's suspension system. It allows for controlled movement at the pivot point while dampening vibrations and absorbing road impacts. No specific "operating" steps are required beyond normal vehicle use, but regular inspections are recommended.

Maintenance

To ensure the longevity and optimal performance of your PIVOT BUSHING KIT, consider the following maintenance guidelines:

- **Regular Inspection:** Periodically inspect the pivot bushing and surrounding components for signs of wear, cracking, or damage.
- **Lubrication:** If the vehicle's service manual recommends, re-lubricate the pivot points at specified intervals.
- **Check Torque:** Ensure all fasteners remain tightened to the manufacturer's specifications.
- **Cleanliness:** Keep the area around the bushing free from excessive dirt, salt, and corrosive materials.

Troubleshooting

If you experience issues after installation or during vehicle operation, consider the following:

- **Excessive Noise (Squeaking/Clunking):** May indicate improper lubrication, loose fasteners, or a damaged bushing. Re-check torque and lubrication.
- **Uneven Tire Wear:** Could be a symptom of suspension misalignment, potentially related to worn or improperly

installed pivot bushings.

- **Poor Handling/Steering:** Worn suspension components, including pivot bushings, can negatively impact vehicle stability and steering response.

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

Specifications

- **Brand:** World American
- **Model Number:** WA04-3352
- **Item Weight:** 9 pounds
- **ASIN:** B0CF877K25
- **Date First Available:** August 9, 2023

Interchange Information

This PIVOT BUSHING KIT is designed to be a direct replacement for the following part numbers:

- Replaces Hendrickson: 60632008
- Replaces Hendrickson: 60632020
- Replaces Hendrickson: 606328
- Replaces Euclid: E-14025
- Replaces Automann: MHS85
- Replaces Automann: MHS85UB

Warranty and Support

For information regarding warranty coverage or technical support, please refer to the official World American website or contact their customer service department. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the World American Store on Amazon.

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