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Aramox 20254AE040

Aramox Rear Suspension Bushing Kit Instruction Manual

Model: 20254AE040

1. Product Overview

The Aramox Rear Suspension Bushing Kit (Model 20254AE040) is a high-quality metal sleeve designed to replace the original rear suspension bushing in compatible vehicles. This component is crucial for the proper functioning of your vehicle's suspension system, contributing to stability, comfort, and safety.

Compatibility:

- Replacement for Subaru Baja: 2003-2006
- Replacement for Subaru Legacy: 2000-2009
- Replacement for Subaru Outback: 2000-2009

Package Contents:

- 1 x Rear Suspension Bushing



Image 1.1: A detailed view of the Aramox Rear Suspension Bushing, highlighting its robust metal casing and internal rubber dampening component.



Image 1.2: The Aramox bushing displayed with its compatible vehicle models and years: Subaru Baja (2003-2006), Legacy (2000-2009), and Outback (2000-2009).

2. Installation (Setup)

Installation of the Aramox Rear Suspension Bushing is designed to be straightforward, serving as a direct replacement for the original part. While no complicated tools are specifically listed as required, professional installation is recommended for optimal safety and performance, especially if you are unfamiliar with automotive suspension systems.

General Installation Steps (Consult a service manual for your specific vehicle model for detailed instructions):

1. Safely lift and support the vehicle.
2. Locate the existing rear suspension bushing on the control arm.
3. Remove the old bushing. This may require specialized tools such as a bushing press or removal kit.
4. Clean the mounting area thoroughly.
5. Install the new Aramox bushing, ensuring proper alignment and seating.
6. Reassemble any components removed during the process.
7. Lower the vehicle and perform a final check.



Image 2.1: The Aramox Rear Suspension Bushing presented alongside a Subaru Legacy, demonstrating its intended placement within the vehicle's rear suspension system.

3. Operation and Function

The rear suspension bushing acts as a critical component within your vehicle's suspension system. Its primary function is to provide a flexible connection between various suspension components, such as control arms and the vehicle frame. This flexibility allows for controlled movement while absorbing road shocks and vibrations.

Properly functioning bushings are essential for:

- **Improved Stability:** Maintaining correct wheel alignment and geometry, especially during cornering and braking.
- **Enhanced Comfort:** Reducing noise, vibration, and harshness (NVH) transmitted from the road to the vehicle cabin.
- **Increased Safety:** Ensuring predictable handling and steering response, which is vital for safe driving.



Image 3.1: An angled perspective of the Aramox Rear Suspension Bushing, showcasing its cylindrical form and the integration of metal and rubber materials essential for its function.

4. Maintenance

Suspension bushings are wear-and-tear components. While the Aramox bushing is constructed from durable metal, regular inspection of your vehicle's suspension system is recommended as part of routine automotive maintenance. There is no specific maintenance required for the bushing itself beyond ensuring it is properly installed and free from damage.

Inspection Points:

- Check for visible cracks, tears, or deterioration of the rubber components.
- Listen for unusual noises (e.g., clunking, squeaking) coming from the suspension, which could indicate worn bushings.
- Observe for excessive play or looseness in the suspension components.

If any signs of wear or damage are observed, consult a qualified mechanic for further assessment and potential

replacement.

5. Troubleshooting

If you experience issues after installing the Aramox Rear Suspension Bushing, consider the following:

- **Noise or Vibration:** Ensure the bushing is correctly seated and all fasteners are tightened to the manufacturer's specifications. Incorrect installation can lead to premature wear or noise.
- **Poor Handling:** Verify that the correct part number was used for your vehicle model and year. An incorrect bushing can negatively impact suspension geometry.
- **Visual Inspection:** Re-inspect the bushing and surrounding suspension components for any signs of damage, improper fit, or other issues that may have occurred during or after installation.

If problems persist, it is advisable to seek assistance from a professional automotive technician to diagnose and resolve the issue.

6. Specifications

Feature	Detail
Item Type	Rear Suspension Bushing
Material	Metal
OEM Part Number	20254AE040
Manufacturer	Aramox
Product Weight	100 g (approx. 0.22 lbs)
Package Dimensions	15 x 13.5 x 4.5 cm (approx. 5.9 x 5.3 x 1.8 inches)
Position	Rear
Fitment Type	Vehicle Specific Fit

7. Product Support and Warranty

Aramox values customer satisfaction and provides technical support for its products. If you encounter any issues with product installation or quality, please contact the seller or manufacturer directly for assistance. It is important to verify the part number for your vehicle before purchase to ensure compatibility and avoid unnecessary returns.

While specific warranty terms are not detailed, the manufacturer emphasizes strict factory inspection to ensure quality and safety. For any concerns regarding defects or performance, please retain your proof of purchase and contact customer service.

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