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Aramox Aramoxq85xo4z3du2585

Aramox 4Pcs Car Camber Bolt Screw 12mm Instruction Manual

This manual provides detailed instructions for the installation, operation, and maintenance of the Aramox 4Pcs Car Camber Bolt Screw (12mm). These high-hardness steel bolts are designed for correcting wheel alignment and improving vehicle stability.

1. Product Overview

The Aramox 4Pcs Car Camber Bolt Screw set is designed to facilitate precise wheel alignment adjustments. Made from high-quality galvanized steel with 12.9 hardness, these bolts feature adjustable nuts and anti-skid washers to ensure stable performance and reduce tire wear.



Figure 1: The complete set of four Aramox 12mm car camber bolts, each consisting of a bolt, an adjustable nut, and anti-skid washers.



Figure 2: A single Aramox 12mm camber bolt shown disassembled into its main components: the threaded bolt, the adjustable nut, and the anti-skid washer.

2. Specifications

- **Item Type:** Wheel Alignment Screw
- **Material:** Steel (High-quality galvanized steel)
- **Color:** Silver
- **Diameter:** Approx. 12mm / 0.5in
- **Adjustable Rod Length:** Approx. 60mm / 2.4in
- **Total Rod Length:** Approx. 72mm / 2.8in
- **Hardness:** 12.9
- **Model Number:** Aramoxq85xo4z3du2585

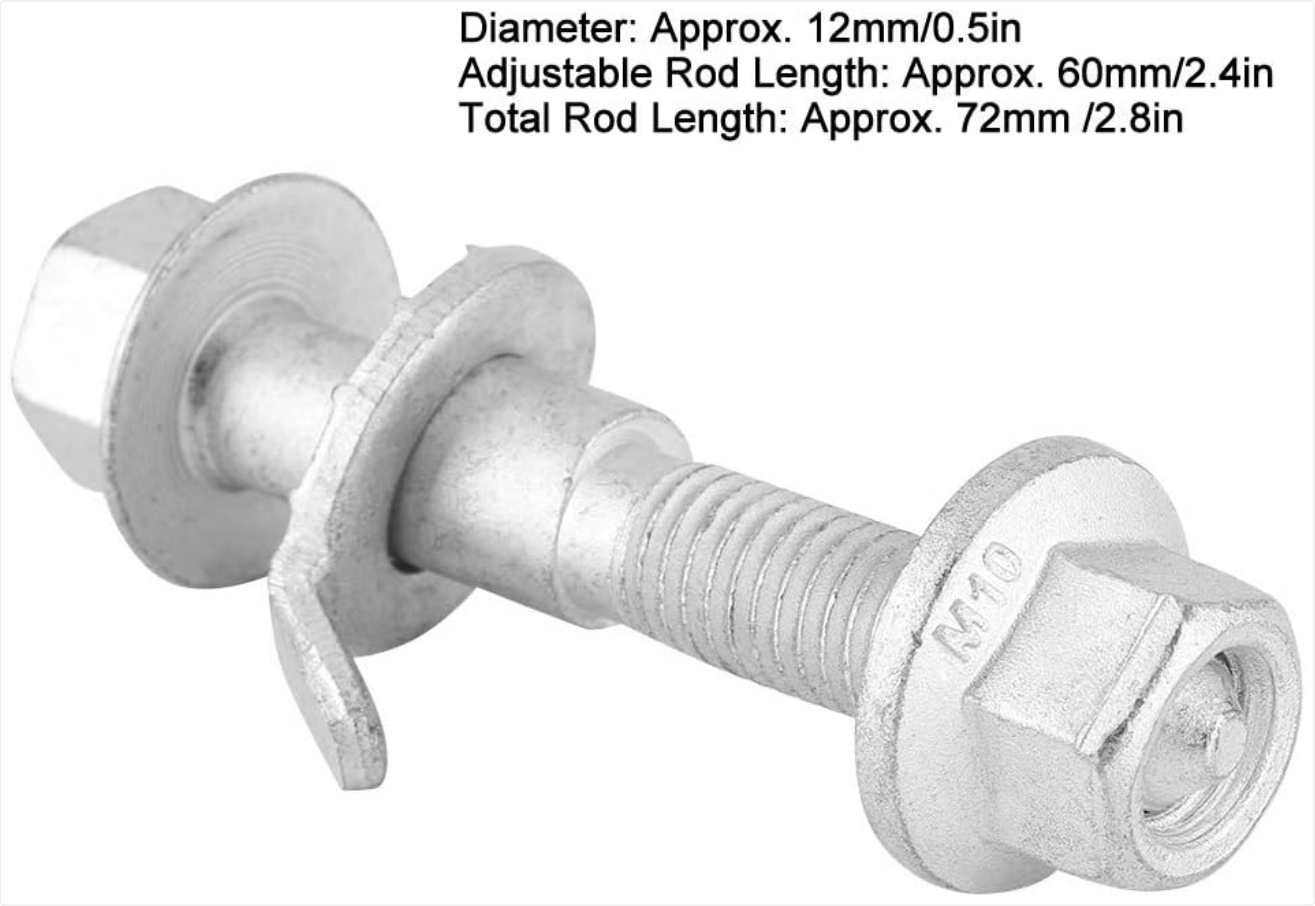


Figure 3: Close-up view of an Aramox 12mm camber bolt highlighting its key dimensions.

3. Installation Instructions

Installation of the Aramox camber bolts requires basic automotive knowledge and tools. If you are unsure about any step, it is recommended to consult a professional mechanic.

1. **Vehicle Preparation:** Safely lift the vehicle and secure it on jack stands. Remove the wheel to access the suspension components.
2. **Locate Mounting Point:** Identify the appropriate mounting point on the vehicle's suspension where the camber bolt will be installed. This is typically where the strut attaches to the steering knuckle.
3. **Remove Existing Bolt:** Carefully remove the original bolt from the designated mounting hole.
4. **Insert Camber Bolt:** Insert the Aramox camber bolt into the mounting hole. Ensure the adjustable washer is correctly positioned to allow for camber adjustment.
5. **Initial Tightening:** Hand-tighten the nut onto the camber bolt. Do not fully tighten at this stage, as adjustment will be required.
6. **Repeat for Other Wheels:** Repeat the process for all wheels requiring camber adjustment.



Figure 4: Detailed view of the anti-skid washer mechanism, crucial for secure adjustment.

4. Operation and Adjustment

The unique design of these camber bolts allows for easy adjustment of the wheel's camber angle. This adjustment is critical for optimizing tire contact with the road, improving handling, and preventing uneven tire wear.

1. **Professional Alignment:** After initial installation, it is highly recommended to have a professional wheel alignment performed. This ensures precise measurement and adjustment of the camber angle to vehicle specifications.
2. **Adjusting Camber:** During the alignment process, the adjustable nut on the camber bolt is loosened slightly. The eccentric design of the bolt and washer allows for small rotational adjustments to change the camber angle.
3. **Secure Tightening:** Once the desired camber angle is achieved, tighten the nut securely. The anti-skid washers are designed to lock the thread, preventing the bolt from loosening due to vibrations or road conditions.

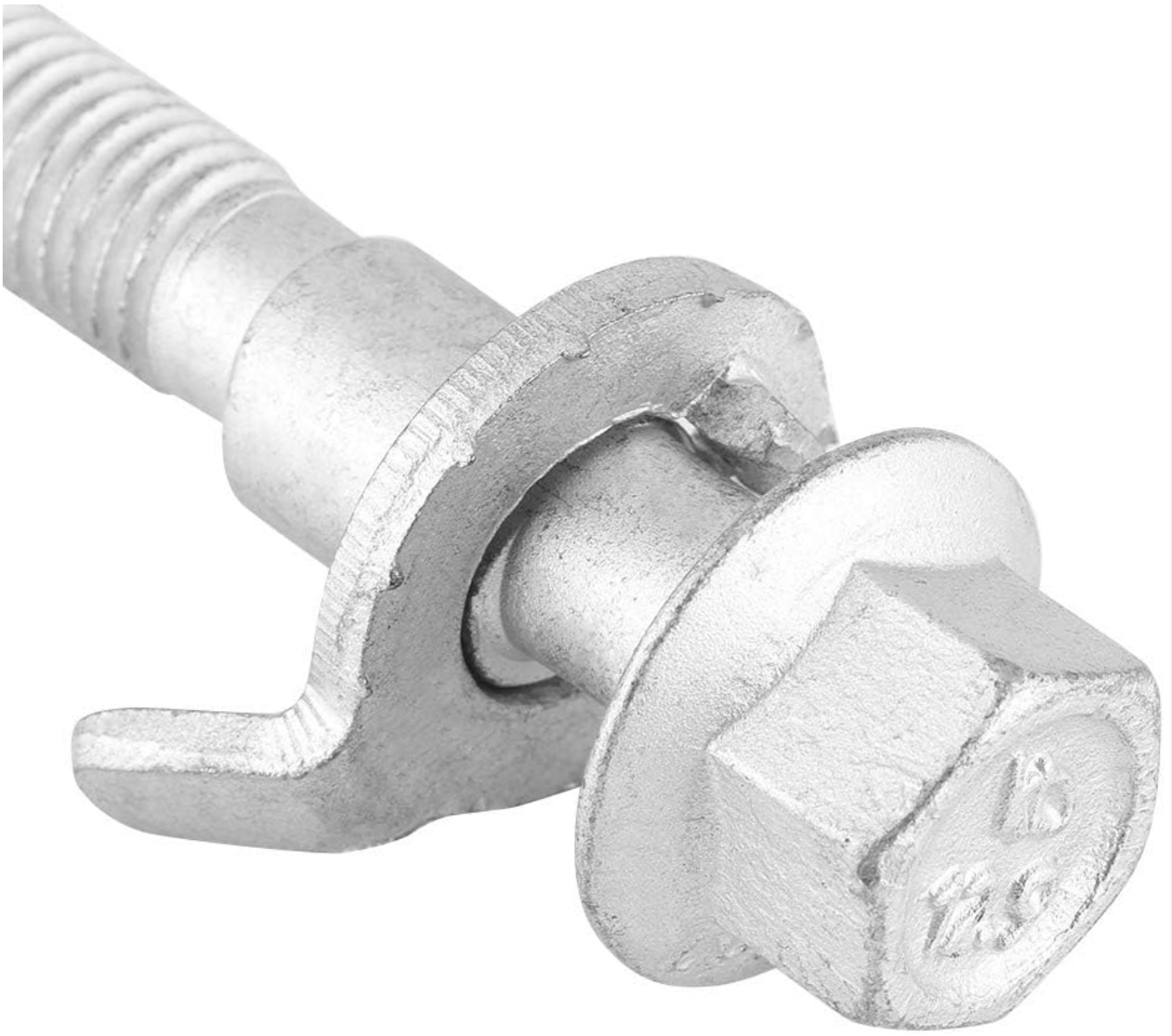


Figure 5: Extreme close-up of the bolt head and anti-skid washer, illustrating the adjustment mechanism.

5. Maintenance

To ensure the longevity and continued performance of your Aramox camber bolts, regular inspection and maintenance are advised:

- **Periodic Inspection:** During routine vehicle maintenance (e.g., tire rotations, oil changes), visually inspect the camber bolts for any signs of corrosion, damage, or loosening.
- **Torque Check:** Periodically check the torque of the nuts to ensure they remain securely fastened according to vehicle manufacturer specifications or a professional's recommendation.
- **Cleaning:** Keep the bolts and surrounding suspension components free from excessive dirt and debris.

6. Troubleshooting

If you experience issues after installing the camber bolts, consider the following:

- **Uneven Tire Wear:** This often indicates incorrect camber adjustment. A professional wheel alignment is necessary to diagnose and correct the issue.

- **Vehicle Pulling to One Side:** This can be a symptom of improper alignment, including incorrect camber. Re-check alignment settings.
- **Loose Bolts:** If bolts appear loose, re-torque them to the manufacturer's specifications. Ensure the anti-skid washers are correctly engaged.
- **Unusual Noises:** Any new noises from the suspension area after installation should be investigated by a qualified mechanic.

7. Warranty Information

Specific warranty details for the Aramox 4Pcs Car Camber Bolt Screw 12mm are not provided within this manual. Please refer to the product packaging, the manufacturer's official website, or your point of purchase for comprehensive warranty information.

8. Customer Support

For further assistance, technical inquiries, or support regarding your Aramox 4Pcs Car Camber Bolt Screw 12mm, please contact the seller or manufacturer directly. You may find contact information on the product packaging or through the Aramox store on Amazon: Aramox Store.

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