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maXpeedingrods KJ1418

maXpeedingrods Welded-on Rear Upper Trailing Arm Mount Repair Kit User Manual

Model: KJ1418

1. Product Overview

This maXpeedingrods Welded-on Rear Upper Trailing Arm Mount Repair Kit is designed as a direct replacement solution for worn or damaged rear upper trailing arm mounts on specific vehicle models. Constructed from high-quality steel, these mounts are engineered for durability and wear resistance, providing a robust repair for your vehicle's suspension system.



Image: The maXpeedingrods Welded-on Rear Upper Trailing Arm Mount Repair Kit components.

2. Compatibility

This repair kit is specifically designed for the following vehicle models:

- Chevy Trailblazer
- GMC Envoy



Image: Visual representation of compatible vehicle models.

3. Safety Information

Always prioritize safety when working on vehicle suspension components. It is highly recommended that installation be performed by a qualified mechanic or an individual with extensive experience in automotive welding and suspension repair. Failure to properly install these components can lead to serious vehicle malfunction and injury.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and welding masks if performing welding.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work.
- Disconnect the vehicle's battery before welding to prevent damage to electronic systems.
- Work in a well-ventilated area.
- Refer to your vehicle's service manual for specific torque specifications and procedures.

4. Package Contents

Verify that all components are present and undamaged before beginning installation.

- 2 x Welded-on Rear Upper Trailing Arm Mounts

Note: Additional hardware such as bolts and nuts for the trailing arm connection are typically reused from the original setup or purchased separately if damaged. This kit provides the mounts only.

5. Installation Guide

This guide provides general steps for the installation of the maXpeedingrods Welded-on Rear Upper Trailing Arm Mount Repair Kit. Due to the nature of this repair, professional installation is strongly recommended.

1. **Preparation:** Safely lift and support the vehicle. Remove the rear wheels to gain access to the trailing arm mounts.

2. **Access and Disassembly:** Carefully disconnect the rear upper trailing arms from the existing mounts. Note the orientation of all components.
3. **Mount Removal:** The existing mounts will need to be carefully cut or ground away from the vehicle's chassis. This step requires precision to avoid damaging surrounding structures.
4. **Surface Preparation:** Clean the chassis surface thoroughly where the new mounts will be welded. Remove any rust, paint, or debris to ensure a strong weld.
5. **Positioning New Mounts:** Position the new maXpeedingrods mounts precisely in the correct location. It is critical that the mounts are aligned correctly to ensure proper suspension geometry. Use clamps or tack welds to hold them in place.
6. **Welding:** Weld the new mounts securely to the vehicle's chassis. Ensure full penetration welds for maximum strength and safety. Allow welds to cool completely.
7. **Corrosion Protection:** Apply a suitable weld-through primer and then a protective coating (e.g., chassis paint) to the newly welded areas to prevent corrosion.
8. **Reassembly:** Reattach the rear upper trailing arms to the new mounts. Torque all fasteners to the vehicle manufacturer's specifications.
9. **Final Checks:** Lower the vehicle and perform a thorough inspection of the installed components. Check for proper alignment and ensure all connections are secure.

Direct Installation

No assembly and welding required

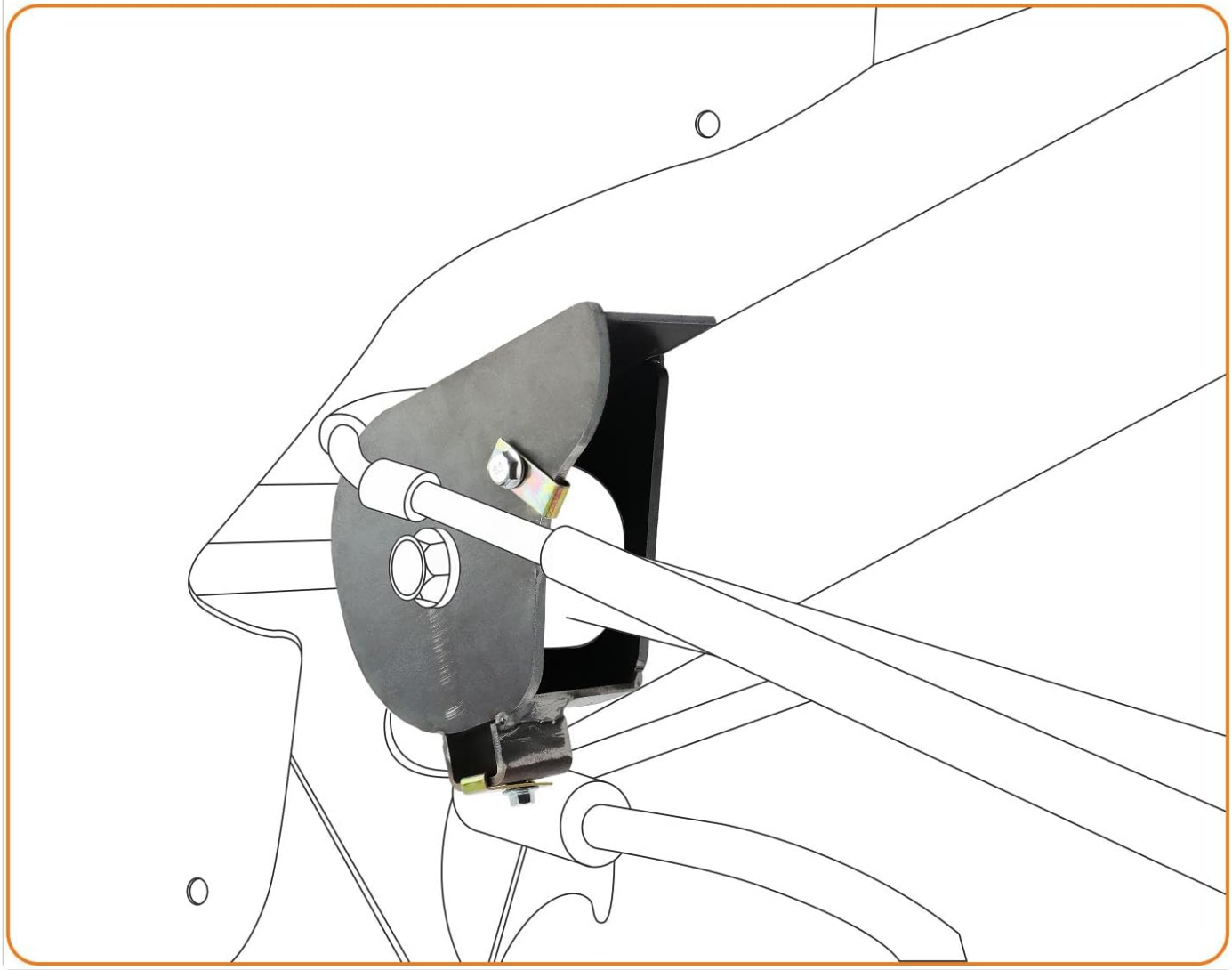


Image: Diagram showing the direct installation process of the mount.



Image: Comparison of a rusty original mount versus the new maXpeedingrods replacement.

6. Post-Installation Considerations

After installation, it is advisable to:

- Perform a wheel alignment to ensure proper vehicle handling and tire wear.
- Test drive the vehicle carefully to confirm proper function of the suspension system. Listen for any unusual noises or feel for abnormal handling.

7. Maintenance

Once installed, these trailing arm mounts require minimal maintenance. However, regular inspection is recommended:

- Periodically inspect the welded areas for any signs of cracking, rust, or fatigue.
- Check the trailing arm bushings and fasteners for wear or looseness during routine vehicle maintenance.
- Keep the area clean from excessive dirt and debris.

8. Troubleshooting

If you encounter issues after installation, consider the following:

- **Unusual Noises (Clunking/Squeaking):**
  - Check all fasteners for proper torque.
  - Inspect trailing arm bushings for wear or damage.
  - Verify that the mounts are securely welded and not contacting other components.
- **Poor Handling/Alignment Issues:**
  - Ensure the mounts were welded in the correct position and alignment.
  - Perform a professional wheel alignment.
  - Inspect other suspension components for wear.
- **Visible Rust/Corrosion:**
  - Ensure proper corrosion protection was applied after welding. Reapply if necessary.

For persistent issues, consult a certified automotive technician.

9. Specifications

Attribute	Detail
Brand	maXpeedingrods
Model Number	KJ1418
Item Weight	6.5 pounds
Product Dimensions	11.02 x 7.87 x 6.3 inches
Material	High-quality steel
Application	Chevy Trailblazer, GMC Envoy

10. Warranty and Customer Support

maXpeedingrods offers comprehensive support for this product:

- **Lifetime Technical Support:** Assistance with any technical questions or installation guidance.
- **1-Year Limited Warranty:** Covers quality-related issues from the date of purchase.

For any questions or concerns, please contact maXpeedingrods customer support.

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