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› Dorman 541-649 Rear Suspension Stabilizer Bar Link Kit Instruction Manual

Dorman 541-649

Dorman 541-649 Rear Suspension Stabilizer Bar Link Kit Instruction Manual

Model: 541-649 | Brand: Dorman

INTRODUCTION

This instruction manual provides essential information for the proper installation, maintenance, and understanding of the Dorman 541-649 Rear Suspension Stabilizer Bar Link Kit. This kit is precision-engineered and rigorously tested to provide a reliable replacement for the original equipment on specific Dodge models, including Dodge Durango (1998-2003), Dodge Ram 2500 (1994-2002), and Dodge Ram 3500 (1994-2002).

PRODUCT OVERVIEW

The Dorman 541-649 Rear Suspension Stabilizer Bar Link Kit is designed for direct replacement, ensuring it fits and performs like the original equipment. It offers a reliable fit, durable construction, and has undergone rigorous testing to ensure longevity.

Components Included:

- 1 Link
- 1 Nut
- 1 Cotter Pin
- 1 Castle Nut

Key Features:

- **Direct replacement:** Fits and performs like the original equipment on specific vehicles.
- **Reliable fit:** Precision-engineered to match the design and dimensions of original components.
- **Durable construction:** Manufactured to strict standards using sturdy, safe materials.
- **Rigorously tested:** Thorough quality control measures ensure longevity.
- **Ensure fit:** To make sure this part fits your exact vehicle, input your make, model and trim level into the garage tool.



Figure 1: The Dorman 541-649 Rear Suspension Stabilizer Bar Link Kit, showing the main link, nut, and cotter pin.



Figure 2: An alternate view of the Dorman 541-649 kit, highlighting the threaded end and bushing.

INSTALLATION (SETUP)

Installation of the Dorman 541-649 Rear Suspension Stabilizer Bar Link Kit should be performed by a qualified vehicle technician. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions.

General Installation Steps:

1. Safely lift and support the vehicle on a level surface.
2. Locate the existing rear suspension stabilizer bar link.
3. Carefully remove the fasteners securing the old stabilizer bar link.
4. Remove the old stabilizer bar link from the vehicle.
5. Install the new Dorman 541-649 stabilizer bar link, ensuring proper alignment with mounting points.
6. Secure the new link using the provided nuts and cotter pin. Torque fasteners to vehicle manufacturer's specifications.
7. Lower the vehicle safely.
8. Perform a wheel alignment if necessary, as per vehicle manufacturer recommendations.

Note: This is a general guide. Specific vehicle models may have unique installation requirements. Always consult your

vehicle's repair manual for precise instructions and torque specifications.

OPERATING CONSIDERATIONS

Once installed, the stabilizer bar link kit contributes to the vehicle's handling and stability by connecting the stabilizer bar to the suspension components. This helps to reduce body roll during turns and maintain tire contact with the road, improving overall driving performance and safety.

MAINTENANCE

The Dorman 541-649 Stabilizer Bar Link Kit features a sealed design with self-lubricating polymer bearings. This design minimizes the need for regular maintenance, such as greasing, which was common with older metal bearing designs. This ensures a longer service life without frequent intervention.

- **Inspection:** Periodically inspect the stabilizer bar links for any signs of wear, damage, or looseness. Look for torn boots, excessive play, or unusual noises coming from the suspension.
- **Cleaning:** Keep the area around the links free from excessive dirt and debris to prevent premature wear.
- **No Greasing Required:** Due to the sealed, self-lubricating design, no external greasing is required. Attempting to grease sealed units can compromise their integrity.

TROUBLESHOOTING

If you experience issues with your vehicle's suspension after installing the Dorman 541-649 Stabilizer Bar Link Kit, consider the following common problems and potential solutions:

Symptom	Possible Cause	Solution
Clunking or rattling noise from suspension	Loose or worn stabilizer bar links, worn bushings, or other loose suspension components.	Inspect the links and fasteners for proper torque. Check for wear on the links and stabilizer bar bushings. Replace any worn components.
Excessive body roll during turns	Worn or damaged stabilizer bar links, or issues with the stabilizer bar itself.	Verify the integrity of the stabilizer bar links and ensure they are properly connected. Inspect the stabilizer bar for damage.
Uneven tire wear	Incorrect wheel alignment, which can be affected by suspension component replacement.	Have a professional perform a wheel alignment to ensure proper vehicle geometry.

If troubleshooting steps do not resolve the issue, it is recommended to consult a certified automotive technician for diagnosis and repair.

SPECIFICATIONS

- **Manufacturer:** Dorman Products
- **Brand:** Dorman
- **Item Weight:** 1.2 pounds
- **Product Dimensions:** 11.62 x 4 x 2.37 inches
- **Item Model Number:** 541-649
- **Exterior:** Ready To Paint If Needed

- **Manufacturer Part Number:** 541-649
- **OEM Part Numbers:** 45G0237; 606.67033; GK7371; JTS886; K7371; MK7371; SL348; TC5594; 52038698; 52106058AA
- **UPC:** 194883787827
- **First Available Date:** March 14, 2024

WARRANTY & SUPPORT

This product is typically covered by Dorman's standard warranty. For specific warranty details, please refer to the warranty information provided with your purchase or visit the official Dorman Products website. In case of any questions or technical assistance, Dorman's technical support team is available to help.

Return Policy: A 30-day refund/replacement policy is typically offered by sellers for this product.