

Dorman 919-149

Dorman 919-149 Stainless Steel Brake Line Kit

Model: 919-149 | Brand: Dorman

1. INTRODUCTION AND OVERVIEW

The Dorman 919-149 Stainless Steel Brake Line Kit provides a durable and corrosion-resistant replacement for original equipment brake lines, which are often prone to rust. This OE FIX kit is pre-formed to match specific vehicle applications, facilitating a more straightforward installation process.

Key features include:

- **Upgraded Material:** Constructed from stainless steel for superior corrosion resistance compared to standard brake lines.
- **Pre-formed Fit:** Lines are sectional and pre-shaped to fit specific vehicle applications, simplifying installation.
- **Complete Kit:** Includes all necessary tubes and fittings for a comprehensive brake line repair.
- **Quality Engineering:** Designed in the United States, reflecting decades of automotive aftermarket experience.

2. SAFETY INFORMATION

Working on vehicle brake systems requires caution and adherence to safety protocols. Failure to follow these guidelines can result in serious injury or damage to the vehicle.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands on a level surface before working underneath. Never rely solely on a jack.
- Brake fluid is corrosive. Avoid contact with skin, eyes, and painted vehicle surfaces. In case of contact, wash immediately with soap and water.
- Properly dispose of old brake fluid and components according to local environmental regulations.
- If you are not experienced with brake system repairs, it is recommended to seek professional assistance.

3. PACKAGE CONTENTS

The Dorman 919-149 Stainless Steel Brake Line Kit typically includes:

- 9 Stainless Steel Brake Tubes
- All necessary fittings for installation

4. VEHICLE COMPATIBILITY

This brake line kit is compatible with select Cadillac, Chevrolet, and GMC models. Verify fitment for your specific vehicle before installation.

Compatible vehicles include:

- **Cadillac Escalade ESV:** 2003, 2004, 2005, 2006
- **Cadillac Escalade EXT:** 2003, 2004, 2005, 2006
- **Chevrolet Avalanche 1500:** 2003, 2004, 2005, 2006
- **Chevrolet Suburban 1500:** 2003, 2004, 2005, 2006
- **GMC Yukon XL 1500:** 2003, 2004, 2005, 2006

Always confirm compatibility by cross-referencing with your vehicle's make, model, and trim level.

5. SETUP AND INSTALLATION

Installation of brake lines requires mechanical aptitude and specialized tools. If you are unsure about any step, consult a qualified mechanic.

General Installation Steps:

1. **Preparation:** Safely lift and support the vehicle. Identify the old brake lines to be replaced.
2. **Removal:** Carefully disconnect and remove the old, corroded brake lines. Be prepared for brake fluid leakage.
3. **Installation of New Lines:** Route the new Dorman stainless steel brake lines along the vehicle's chassis, matching the path of the original lines. The pre-formed design assists in this process. Minor adjustments to bends may be necessary for optimal fitment and routing, especially in complex areas like over the frame rail or near the ABS module.
4. **Connecting Fittings:** Securely connect all fittings. Stainless steel lines are harder than conventional lines, which may require careful tightening to achieve a proper seal. If leaks persist, consider using copper flare gaskets, particularly at the ABS module or proportioning valve connections, to ensure a leak-free seal.
5. **Securing Lines:** Ensure all lines are properly secured with clips and mounts to prevent rubbing or damage during vehicle operation.
6. **Brake Bleeding:** After all lines are installed and secured, thoroughly bleed the entire brake system according to your vehicle manufacturer's specifications. This is critical to remove all air from the system and restore proper brake function.

STAINLESS STEEL BRAKE LINES



Exact-fit or sorta-fits?

DORMAN

COMPETITOR

DORMAN

Comparison of Dorman stainless steel brake lines (left) showing exact fitment versus a competitor's line (right) with less precise routing.



「Designed to deliver a better repair solution than you can get from the original equipment manufacturer.



Dorman OE FIX logo with text 'Designed to deliver a better repair solution than you can get from the original equipment manufacturer.'

Your browser does not support the video tag.

Official Dorman video demonstrating the benefits and installation considerations for Dorman OE FIX stainless steel brake lines.

6. OPERATING AND POST-INSTALLATION CHECKS

After installation and bleeding the brake system, perform the following checks:

- **Brake Pedal Feel:** The brake pedal should feel firm and consistent. If it feels spongy or goes to the floor, re-bleed the system.
- **Leak Inspection:** With the engine running and pressure applied to the brake pedal, thoroughly inspect all new connections for any signs of brake fluid leaks.
- **Road Test:** Conduct a cautious road test in a safe, open area to confirm proper brake function and stopping ability before resuming normal vehicle operation.

7. MAINTENANCE

To ensure the longevity and performance of your Dorman stainless steel brake lines:

- Regularly inspect the brake lines for any signs of physical damage, kinks, or external corrosion, especially in areas exposed to road debris or harsh weather.
- Periodically check the brake fluid level and condition. Replace brake fluid according to your vehicle manufacturer's recommended service intervals.

8. TROUBLESHOOTING

Encountering issues during or after installation?

- **Difficulty Sealing Fittings:** Stainless steel lines are inherently harder than standard brake lines. If you experience leaks at the fittings, try loosening and re-tightening them several times. For persistent leaks, especially at the ABS module or proportioning valve, consider using 1/4 inch copper flare gaskets to improve the seal.
- **Lines Not Fitting Perfectly:** While designed for an exact fit, minor adjustments to the bends of the lines may be necessary to achieve optimal routing and secure placement within the vehicle's chassis.
- **Brake Fluid Loss After Installation:** Before installation, carefully inspect all new lines for any hairline cracks or manufacturing defects, particularly near the flared ends. A small, unnoticeable crack can lead to significant fluid loss under pressure.
- **Spongy Brake Pedal:** This typically indicates air in the brake system. Re-bleed the entire brake system thoroughly, ensuring no air remains.

9. SPECIFICATIONS

Brand	Dorman
Model Number	919-149
Material	Stainless Steel
Color	Silver
Item Weight	5.8 pounds
Nominal Wall Thickness	0.035 inches
Outside Diameter	0.47 inches
UPC	037495628563
Manufacturer	Dorman Products
Included Components	9 Tubes

10. WARRANTY INFORMATION

This Dorman product is backed by a **Limited Lifetime Warranty**. For specific terms and conditions, please refer to the official Dorman Products warranty documentation or contact Dorman customer support.

11. SUPPORT

For technical assistance, installation guidance, or warranty claims, please contact Dorman Products customer support. You can typically find contact information on the official Dorman Products website or through your product retailer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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