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> Steelcraft 402229 5" Stainless Steel Oval Step Bar Installation and User Manual

## Steelcraft 402229

# Steelcraft 402229 5" Stainless Steel Oval Step Bar Installation and User Manual

For GM Silverado/Sierra Crew Cab

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Steelcraft 402229 5" Stainless Steel Oval Step Bars. These step bars are designed to enhance vehicle accessibility and appearance for GM Silverado/Sierra Crew Cab models. Please read this manual thoroughly before beginning installation or use to ensure proper function and safety.



Figure 1: Steelcraft 5" Stainless Steel Oval Step Bar. This image shows the polished stainless steel finish and the large step pads.

## 2. SAFETY INFORMATION

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- Always wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure the vehicle is parked on a level surface and the parking brake is engaged before starting installation.
- Do not exceed the recommended weight capacity of the step bars.
- Regularly inspect all mounting hardware for tightness and signs of wear or damage.
- If you are unsure about any step of the installation process, consult a qualified professional.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- (2) Steelcraft 5" Stainless Steel Oval Step Bars (Left and Right)
- (6) Custom Carbon Steel Mounting Brackets (Specific to vehicle model)
- (1) Hardware Kit (Bolts, washers, nuts, etc.)
- (1) Installation Instruction Sheet (This document)

If any parts are missing or damaged, please contact Steelcraft customer support immediately.

## 4. INSTALLATION INSTRUCTIONS

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These step bars feature an easy bolt-on, no-drill application, utilizing existing factory mounting points on your vehicle's frame.

### 4.1 Tools Required

- Socket Wrench Set
- Torque Wrench
- Measuring Tape
- Safety Glasses and Gloves

### 4.2 Step-by-Step Guide

1. **Identify Mounting Locations:** Locate the factory mounting points along the rocker panel or frame of your GM Silverado/Sierra Crew Cab. These are typically existing holes or bolts used for cab mounts.
2. **Attach Brackets:** Secure the custom carbon steel mounting brackets to the vehicle's frame using the provided hardware. Ensure the front, middle, and rear brackets are correctly oriented for the driver's side. Some models may have additional reinforcing mounts.
3. **Initial Bracket Tightening:** Hand-tighten all hardware for the brackets. Do not fully tighten at this stage to allow for adjustment.
4. **Position Step Bar:** Carefully lift the step bar and align it with the attached mounting brackets. Secure the step bar to the brackets using the remaining hardware.
5. **Adjust and Align:** Adjust the step bar and brackets to ensure the step bar is parallel to the truck body and properly positioned. This step is crucial for aesthetic appeal and proper function.
6. **Final Tightening:** Once satisfied with the alignment, progressively tighten all hardware to the manufacturer's recommended torque specifications (refer to your vehicle's service manual or a general automotive torque specification guide if not provided). Start from the center and work outwards.
7. **Repeat for Other Side:** Follow the same procedure for the passenger side step bar.



Figure 2: Underside view of a step bar, illustrating the attachment points for mounting brackets. Note the large step pads for secure footing.

**Important Note:** Some users have reported challenges in achieving perfect parallelism between the step bar and the truck body due to bracket design. Take extra time during the adjustment phase (Step 5) to ensure optimal alignment before final tightening.

## 5. OPERATION

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The Steelcraft 5" Oval Step Bars provide a secure and convenient stepping surface for entering and exiting your vehicle. The large 5" step pads offer increased surface area for improved grip and stability.

- Always step onto the center of the step pad for maximum stability.
- Avoid placing excessive weight on the ends of the step bars.
- Ensure your footwear has good traction, especially in wet or icy conditions.

## 6. MAINTENANCE

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To ensure the longevity and appearance of your stainless steel step bars, follow these maintenance guidelines:

- **Cleaning:** Wash the step bars regularly with mild soap and water. For stubborn dirt or road grime, use a non-abrasive automotive cleaner designed for stainless steel. Rinse thoroughly and dry with a soft cloth to prevent water spots.

- **Inspection:** Periodically inspect all mounting hardware (bolts, nuts, washers, brackets) for tightness. Re-tighten any loose fasteners to prevent rattling or potential detachment. Check for any signs of corrosion, cracks, or damage to the step bars or brackets.
- **Protection:** While stainless steel is corrosion-resistant, applying a quality automotive wax or polish can provide an extra layer of protection and maintain its polished finish.

## 7. TROUBLESHOOTING

| Problem  | Possible Cause   | Solution  |
|--|--|---|
| Step bar appears loose or rattles.                 | Loose mounting hardware.   | Inspect and re-tighten all bolts and nuts on the mounting brackets and step bar attachment points.                                    |
| Step bar is not parallel to the vehicle body.      | Brackets or step bar not properly aligned during installation.       | Loosen mounting hardware, adjust the position of the brackets and step bar, then re-tighten. Ensure even spacing.                     |
| Corrosion or rust spots appear on stainless steel. | Exposure to harsh chemicals, road salt, or lack of regular cleaning. | Clean thoroughly with a stainless steel cleaner. For minor spots, a fine-grit polishing compound may be used. Apply a protective wax. |

## 8. SPECIFICATIONS

- **Model Number:** 402229
- **Material:** High Quality 304 Polished Stainless Steel
- **Step Pad Size:** 5 inches (width)
- **Application:** GM Silverado/Sierra Crew Cab
- **Installation:** Bolt-on, No-Drill
- **Item Dimensions (L x W x H):** 88 x 9 x 13 inches
- **Item Weight:** Approximately 64.6 pounds
- **Manufacturer:** Steelcraft

## 9. WARRANTY AND SUPPORT

Steelcraft 402229 5" Stainless Steel Oval Step Bars come with a **Limited Lifetime Warranty** against manufacturing defects in materials and workmanship. This warranty covers the original purchaser and is subject to the terms and conditions outlined by Steelcraft.

For warranty claims, technical assistance, or to inquire about replacement parts, please contact Steelcraft customer support:

- **Website:** [www.steelcraftinc.com](http://www.steelcraftinc.com) (Example link, actual link may vary)
- **Phone:** Refer to Steelcraft's official website for current contact numbers.

Please have your product model number (402229) and proof of purchase available when contacting support.



