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> YHTAUTO 3.5 inch S/S 304 Bull Bar Instruction Manual for Chevy, GMC, and Cadillac Trucks

YHTAUTO YHTBUR0065

YHTAUTO 3.5" S/S 304 Bull Bar Instruction Manual

Model: YHTBUR0065

1. INTRODUCTION

This instruction manual provides detailed information for the proper installation, operation, and maintenance of your YHTAUTO 3.5" S/S 304 Bull Bar. Please read this manual thoroughly before beginning any procedures to ensure safe and correct usage. Retain this manual for future reference.

Product Compatibility:

- **Cadillac:** 2007-2013 Escalade ESV/EXT
- **Chevrolet:** 2007-2013 Avalanche, 2007-2018 Silverado 1500, 2019 Silverado 1500 LD, 2015-2020 Suburban, 2007-2014 Suburban 1500, 2007-2020 Tahoe
- **GMC:** 2007-2018 Sierra 1500, 2019 Sierra 1500 Limited, 2007-2020 Yukon, 2015-2020 Yukon XL

Important Note: Tow hooks cannot be reinstalled with the bull bar. The bull bar may interfere with front-mounted sensors.

2. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before proceeding with installation.

- 1 x YHTAUTO 3.5" S/S 304 Bull Bar
- 1 x Removable Skid Plate
- 1 x Mounting Hardware Set (bolts, washers, nuts, brackets)
- 1 x Installation Manual (this document)



Image 2.1: Overview of the YHTAUTO 3.5" Bull Bar and its packaged components, including the bull bar, skid plate, and hardware kit.

• **Compatible with Chevrolet Models:**

| | | |
|------|-----------|-------------------|
| Fits | 2007-2013 | Avalanche |
| Fits | 2007-2018 | Silverado 1500 |
| Fits | 2019-2019 | Silverado 1500 LD |
| Fits | 2015-2020 | Suburban |
| Fits | 2007-2014 | Suburban 1500 |
| Fits | 2007-2020 | Tahoe |

• **Compatible with GMC Models:**

| | | |
|------|-----------|---------------------|
| Fits | 2007-2018 | Sierra 1500 |
| Fits | 2019-2019 | Sierra 1500 Limited |
| Fits | 2007-2020 | Yukon |
| Fits | 2015-2020 | Yukon XL |

• **Compatible with Cadillac Models:**

| | | |
|------|-----------|--------------|
| Fits | 2007-2013 | Escalade ESV |
| Fits | 2007-2013 | Escalade EXT |

Bull Bars



Bases



Hardwares



Image 2.2: Detailed diagram illustrating the bull bar's dimensions (approximately 42.36 inches wide and 21.91 inches high) and the various mounting bases and hardware included in the package.

3. SPECIFICATIONS

| Feature | Detail |
|----------------------|--|
| Model Number | YHTBUR0065 |
| Material | S/S 304 Stainless Steel |
| Finish | Mirror Polished |
| Color | Silver |
| Dimensions (Approx.) | 42.36 inches (Width) x 21.91 inches (Height) |
| Item Weight | 38.3 pounds |

| | |
|-----------------------------|-----------------------|
| Light Mounting Holes | Pre-drilled |
| Skid Plate | Removable Q235A Steel |
| Installation Type | Bolt-on, No-drill |



**Made of
S/S 304
+
Mirror Polish**

- Better Resistance to Rust
- Ideal Material for Protection
- Sleek and Fashionable Addition to Your Vehicle



Image 3.1: This image highlights the S/S 304 Stainless Steel construction and the mirror-polished finish of the bull bar, emphasizing its durability and aesthetic appeal.

Accurate to **0.005-0.01mm**

- **CNC** Machine Bend Craft
- Scientific Radian Design
- Stylish Look



Image 3.2: A detailed view demonstrating the precision of CNC machining, ensuring accurate dimensions and a scientific radian design for a stylish look.

3 Fold Surface Treatment

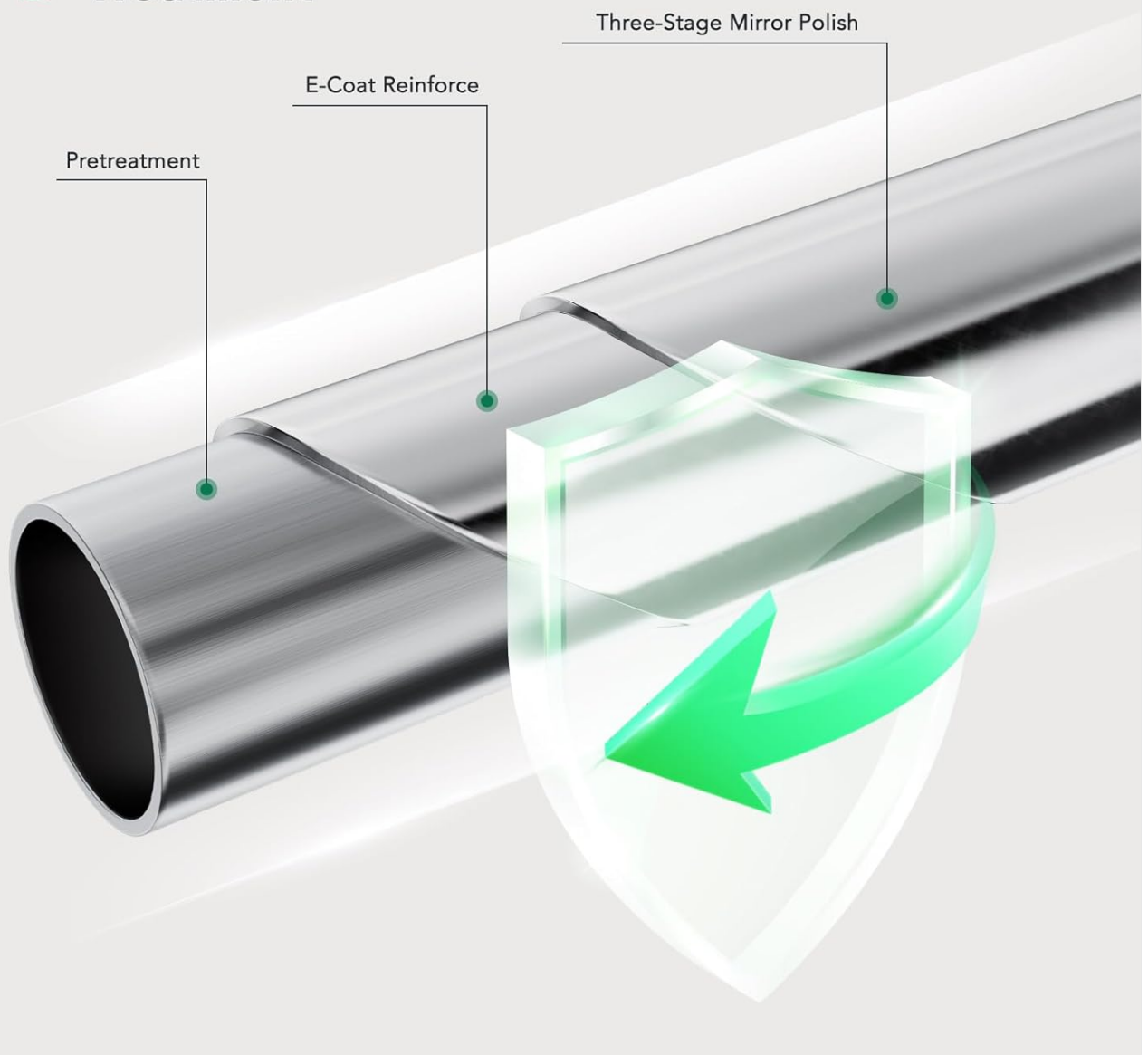


Image 3.3: This diagram explains the three-stage surface treatment: pretreatment, E-Coat reinforcement, and three-stage mirror polish, contributing to the product's durability and finish.



Image 3.4: A close-up view showcasing the pre-drilled holes for auxiliary lighting and the seamless welding, which ensures structural integrity and a smooth appearance.

4. SETUP AND INSTALLATION

Installation of the YHTAUTO Bull Bar is designed to be a straightforward bolt-on process without the need for drilling. It is recommended to have a second person assist during installation.

4.1 Tools Required

- Standard Wrench Set (14mm, 16mm, 17mm recommended)
- Socket Wrench with appropriate sockets
- Loctite Red (threadlocker)
- Safety Glasses
- Gloves

4.2 Pre-Installation Steps

1. Park the vehicle on a level surface and engage the parking brake.
2. Turn off the engine and remove the key from the ignition.
3. If present, remove any factory tow hooks. These will not be reused.
4. Clean the frame rails where the mounting brackets will attach to ensure a secure fit.

4.3 Mounting Bracket Installation

1. Locate the 14mm nuts holding the front bumper frame on the driver's side. Remove these two nuts completely.
2. Position the driver's side mounting bracket. Insert the two studs of the bracket through the upper holes.
3. Apply Loctite Red to the threads and reinstall the nuts. Do not fully tighten at this stage; leave some slack.
4. For the lower hole, assemble the hardware stack: one 16mm bolt, two large washers, one lock washer, and one 17mm nut.
5. Place one large washer between the frame and the bracket. Feed the bolt through.
6. On the opposite side, install the second large washer, lock washer, and then the nut. Finger-tighten only.
7. Repeat steps 1-6 for the passenger side mounting bracket.

4.4 Bull Bar Assembly and Final Tightening

1. Attach the driver's side and passenger's side connecting brackets to the bull bar using the provided hardware. Finger-tighten only.
2. With assistance, lift the bull bar assembly and align it with the installed mounting brackets on the vehicle frame.
3. Secure the bull bar to the mounting brackets using the remaining hardware. Start by finger-tightening all bolts.
4. Adjust the bull bar to the desired angle and position.
5. Once positioned correctly, fully tighten all nuts and bolts, starting with the bolts connecting the bull bar to the connecting brackets, then the bolts connecting the connecting brackets to the frame, and finally the nuts on the frame rails. Ensure all connections are secure.

Bolt on and Go!

Detailed Instructions in the Installation Manual



Image 4.1: This image depicts a father and son working together to install the bull bar, highlighting the product's user-friendly design and straightforward installation process.

4.5 Installation Videos

Your browser does not support the video tag.

Video 4.1: An official YHTAUTO video providing a general overview of the bull bar and its features, demonstrating its fitment and design.

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Video 4.2: A detailed installation guide for a bull bar, showing step-by-step procedures for mounting the brackets and securing the bull bar to the vehicle frame. While this video shows a paintable bull bar, the installation steps are generally applicable.

5. OPERATING CONSIDERATIONS

The YHTAUTO Bull Bar is designed to provide front-end protection and enhance the aesthetic appeal of your truck. While installed, consider the following:

- **Auxiliary Lighting:** The bull bar features pre-drilled holes for mounting auxiliary lights. Ensure any installed lights are properly wired and comply with local regulations.

- **Front Sensors:** Be aware that the bull bar may interfere with the functionality of front-mounted parking sensors or adaptive cruise control sensors. Test these systems after installation.
- **Off-Road Use:** The robust construction provides additional protection during off-road driving. The removable skid plate offers further defense against debris.
- **Vehicle Dimensions:** The bull bar adds to the overall length of your vehicle. Exercise caution when parking or maneuvering in tight spaces.

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Video 5.1: A promotional video showcasing the YHTAUTO Bull Bar on various Silverado and Sierra models, highlighting its robust design and how it complements the vehicle's appearance.



Image 5.1: This image illustrates the bull bar's effectiveness in providing extra protection, particularly with its Q235A removable skid plate, against mud and debris during off-road conditions.

6. MAINTENANCE

Regular maintenance will ensure the longevity and appearance of your YHTAUTO Bull Bar.

- **Cleaning:** Clean the stainless steel surface regularly with a mild automotive soap and water. Avoid abrasive cleaners or harsh chemicals that can damage the mirror polish finish.
- **Inspection:** Periodically inspect all mounting hardware (bolts, nuts, washers) for tightness. Vibrations from driving can cause fasteners to loosen over time. Re-tighten as necessary.
- **Corrosion:** Although made from S/S 304 Stainless Steel, prolonged exposure to harsh elements (e.g., road salt) can still lead to surface corrosion. Clean and apply a stainless steel polish or protectant as needed.
- **Skid Plate:** The skid plate is removable for cleaning or if not desired. Ensure it is securely reattached if removed.

7. TROUBLESHOOTING

If you encounter any issues with your YHTAUTO Bull Bar, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|--|---|---|
| Bull Bar is Loose/Rattling | Loose mounting hardware. | Inspect and re-tighten all bolts and nuts according to installation instructions. |
| Front Sensors Malfunctioning | Bull bar interfering with sensor line of sight. | This is a known potential issue. Consult your vehicle's manufacturer or a professional for possible sensor relocation or recalibration. |
| Surface Discoloration/Rust Spots | Exposure to harsh chemicals or environmental factors. | Clean with a non-abrasive stainless steel cleaner and polish. For stubborn spots, specialized rust removers for stainless steel may be used, followed by polishing. |
| Difficulty Aligning During Installation | Hardware tightened prematurely. | Ensure all hardware is only finger-tight until the bull bar is fully assembled and positioned. Then, tighten progressively. |

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official YHTAUTO website. If you require technical assistance or have questions not covered in this manual, please contact YHTAUTO customer support.

Contact Information:

- **Manufacturer:** YTAUTOPARTS
- **Brand:** YHTAUTO
- For specific support inquiries, please refer to your purchase receipt or the YHTAUTO brand store on Amazon.