TIGERSGATE TIGERSGATE-C-69

TIGERSGATE 10 Inch 1-1/4" Murdock Pullback Handlebar Risers for Harley - Instruction Manual

Brand: TIGERSGATE

Model: TIGERSGATE-C-69

1. Introduction

This manual provides comprehensive instructions for the installation, use, and maintenance of your TIGERSGATE 10 Inch 1-1/4" Murdock Pullback Handlebar Risers. Please read this manual thoroughly before installation to ensure proper fitment and safe operation.

1.1 Product Overview

The TIGERSGATE 10 Inch Murdock Pullback Handlebar Risers are designed to elevate and pull back your motorcycle's handlebars, offering a more upright and comfortable riding position. These risers are constructed from durable materials and feature a sleek finish to complement your motorcycle's aesthetics.

1.2 Compatibility

- Fits most custom vehicles.
- Designed for Harley Models with 1-1/4" (1.25 inch) handlebars.
- Compatible with Dyna, Softail, and Sportster models (verify dimensions for specific fitment).
- Mount hole tapped ½” x 13 for use with H-D stock riser bolts.
- **Note:** Will NOT fit Harley OEM Springer Front Ends.



Image 1.2.1: Illustrates the handlebar risers installed on a motorcycle, highlighting compatibility with 1.25-inch diameter handlebars for Dyna, Softail, and Sportster models. Users should verify compatibility with their specific model.

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2. Features

- **Height:** 10 inches tall.
- **Handlebar Clamp Diameter:** 1-1/4 inches.
- **Pullback:** Designed with a pullback for enhanced rider comfort.
- **Material:** Made from hard steel for durability and safety.
- **Finish:** Gloss black powder coated and hand-polished for rust resistance and a custom look.
- **Design:** Investment-cast, one-piece structure that virtually eliminates handlebar slippage. Features no visible hardware for a clean appearance.
- **Mounting:** Mount holes tapped ½” x 13 for use with H-D stock riser bolts.





Image 2.1: A pair of black 10-inch pullback handlebar risers, designed for 1-1/4 inch handlebars, shown against a white background.

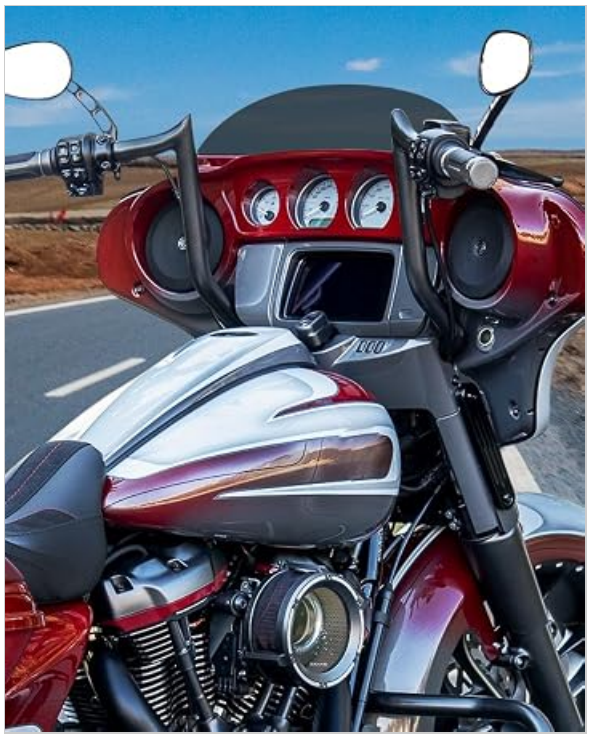


Image 2.2: A diagram detailing the product dimensions, including the 10-inch height, 2-inch pullback, 3.5-inch center-to-center spacing, and 1.25-inch handlebar clamping area.



Image 2.3: Showcasing the sleek and elegant design of the risers, emphasizing superb craftsmanship, smooth lines, and a modern aesthetic.



Image 2.4: Close-up view of the risers, indicating they are made from hard steel with a gloss black powder coating for durability and rust resistance.

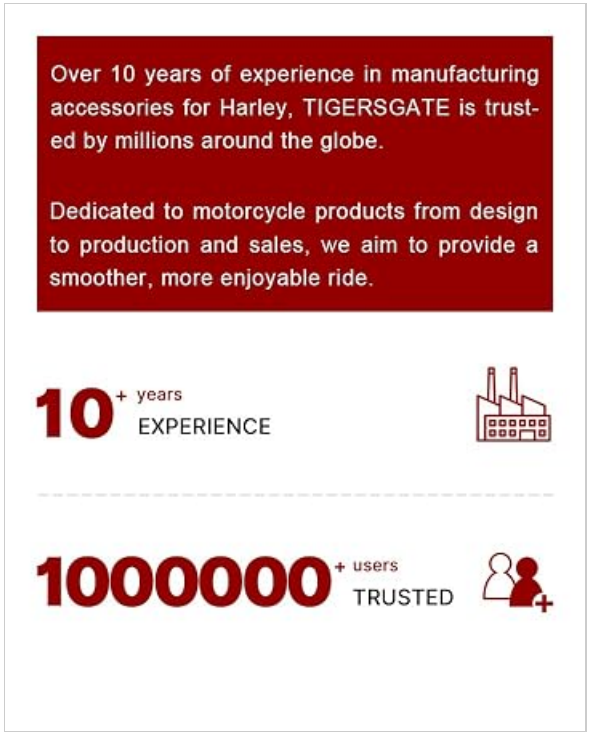


Image 2.5: Emphasizing the product's craftsmanship, noting its wear-resistant properties and reduced susceptibility to rust.

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3. Safety Information

Always prioritize safety when working on your motorcycle. Improper installation can lead to serious injury or damage to your vehicle. If you are unsure about any step, consult a qualified motorcycle technician.

- Ensure the motorcycle is stable and secure before beginning any work.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Do not overtighten bolts, as this can strip threads or damage components. Refer to your motorcycle's service manual for torque specifications.

- After installation, check all controls (throttle, clutch, brakes) for proper operation and clearance.
- Verify that all cables and wiring have sufficient slack and are not pinched or stretched.

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4. Setup and Installation

Professional installation is highly recommended for this product. The following steps are general guidelines. Always refer to your motorcycle's specific service manual for detailed instructions.

4.1 Pre-Installation Check

- Confirm that the risers are compatible with your motorcycle model and handlebar diameter (1-1/4 inches).
- Ensure you have all necessary tools, including wrenches, hex keys, and a torque wrench.
- Inspect the risers for any manufacturing defects or damage before installation.



Image 4.1.1: Detailed view of the risers, showing the hard steel construction, secure anti-slip clamping area, and the mounting hole tapped ½” x 13 for use with H-D stock riser bolts.



Image 4.1.2: Close-up of the precision-threaded mount hole (½" x 13), designed to match stock riser bolts. A note clarifies that these risers are not compatible with Harley OEM Springer Front Ends.

4.2 Installation Steps

1. Secure your motorcycle on a stand to prevent it from falling during installation.
2. Carefully remove the existing handlebars and risers, noting the routing of all cables, wires, and hoses.
3. Install the new TIGERSGATE risers onto the triple tree using the appropriate bolts (original bolts can often be used, but verify length and thread pitch).
4. Place your handlebars into the riser clamps. Ensure the handlebars are centered and at the desired angle.
5. Tighten the handlebar clamps evenly, following a cross-pattern, to the manufacturer's specified torque. Ensure there is a small gap between the top clamp and the bottom bar (see Troubleshooting for more details).
6. Re-route all cables, wires, and hoses, ensuring they have adequate slack and are not binding or stretched at full lock-to-lock steering.
7. Test all controls (throttle, clutch, front brake) for smooth and unrestricted operation.
8. Perform a final check of all fasteners to ensure they are securely tightened.



Image 4.2.1: An image depicting the process of installing handlebar risers on a motorcycle, illustrating the 'Easy Installation' aspect.

4.3 Installation Videos

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Video 4.3.1: This video demonstrates the installation process for 10-inch handlebar risers, showing steps for mounting and securing the risers on a motorcycle. While the specific brand may differ, the general installation principles apply.

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Video 4.3.2: A brief video showcasing the features and appearance of motorcycle handlebar risers, including various angles and close-ups, which can aid in understanding the product's design.

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Video 4.3.3: This video provides a detailed view of a 10-inch tall handlebar riser clamp, highlighting its design and components, which can be helpful during installation.

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5. Operating and Use

Once properly installed, the TIGERSGATE handlebar risers provide a fixed, elevated, and pulled-back handlebar position. The primary function is to enhance rider comfort and control by adjusting the ergonomics of the motorcycle. No active 'operation' is required beyond standard motorcycle riding.

The improved riding position can reduce strain on the back and arms, especially during long rides. Always ensure your riding posture feels natural and comfortable after installation.

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6. Maintenance

To ensure the longevity and continued performance of your TIGERSGATE handlebar risers, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check all bolts and fasteners for tightness. Vibrations from riding can cause fasteners to loosen over time.
- **Cleaning:** Clean the risers regularly with a mild soap and water solution. Avoid harsh chemicals or abrasive cleaners that could damage the powder-coated finish.
- **Corrosion Prevention:** The powder-coated finish provides rust resistance. If any chips or scratches occur, touch them up promptly to prevent corrosion.
- **Damage Check:** In case of an accident or impact, thoroughly inspect the risers for any signs of

bending, cracking, or other damage. Replace damaged components immediately.

7. Troubleshooting

7.1 Common Questions

Question: I noticed the top clamp does not sit flush against the base when the handlebars are installed. Is this normal? There is a gap but it's solid.

Answer: You want there to be a small gap between the top clamp and the bottom bar because that means the top clamp is pressing on the bars and not the bottom base. If it was flat against the base, then that means they machined a 1" circle for bars too big.

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Video 7.1.1: This video addresses a common question regarding handlebar riser installation: why the top clamp may not sit flush against the base, explaining that a small gap is normal and indicates proper clamping pressure.

8. Specifications

Manufacturer	Jiangmen Taikaiwei Technology Co., Ltd.
Brand	TIGERSGATE
Item Weight	5.28 pounds
Package Dimensions	15.16 x 7.52 x 5.04 inches
Manufacturer Part Number	TIGERSGATE-C-69
ASIN	B09N3RZZBQ
Date First Available	January 22, 2022

9. Warranty and Support

9.1 Return Policy

This product is eligible for a 30-day return or exchange policy from the date of purchase, provided the item is in its original condition.

9.2 Customer Support

For any questions, concerns, or assistance with your TIGERSGATE handlebar risers, please contact customer support. Our team aims to respond quickly with a professional attitude to address your needs.