



Manuals.plus /

› MoKitDora /

› MoKitDora 14-inch Chrome Bat-wing Ape Hanger Handlebar User Manual for Harley Sportster, Dyna, Softail, Road King, and Road Glide

MoKitDora MoKitDora210BEST

MoKitDora 14-inch Chrome Bat-wing Ape Hanger Handlebar User Manual

Model: MoKitDora210BEST

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MoKitDora 14-inch Chrome Bat-wing Ape Hanger Handlebar. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and maintenance are crucial for safe operation and product longevity.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Professional installation is recommended if you are unfamiliar with motorcycle handlebar replacement. Ensure all fasteners are tightened to manufacturer specifications. Regularly inspect the handlebar for any signs of wear, damage, or loose connections.

- Wear appropriate safety gear, including eye protection and gloves, during installation.
- Ensure the motorcycle is stable and secured before beginning any work.
- Disconnect the battery before working on electrical components.
- Verify proper cable and wire routing to prevent pinching or interference with controls.
- Test all controls (throttle, brakes, clutch, turn signals) thoroughly after installation before riding.

3. FITMENT AND COMPATIBILITY

This 14-inch rise ape hanger handlebar is designed for specific Harley-Davidson models. Please verify your motorcycle's compatibility before installation.

Compatible Models:

- Most Harley Sportster, Dyna, and Softail models.
- 1994-up Harley Road King models.
- 1998-2013 Harley Road Glide models.

Incompatible Models:

- Harley Electra Glide.
- Harley Street Glide.
- 2014-UP Harley Road Glide models.
- 2008-2011 Harley Cross Bones FLSTSB with OEM risers.

Bat-wing Ape Hanger

Harley
Sportster, Softail, Dyna

1998-2013
Road Glide

1994-up
Road King



Doesn't fit FLHX,
2014-UP FLTR

Doesn't fit 2008-2011
FLSTSB

Figure 3.1: Compatibility chart for MoKitDora Bat-wing Ape Hanger Handlebar, illustrating fitment for various Harley-Davidson models and explicitly listing models that are not compatible.

4. PACKAGE CONTENTS

The package includes the following items:

- One (1) MoKitDora 14-inch Chrome Bat-wing Ape Hanger Handlebar.
- Pre-installed pulling strings for internal wiring.



Figure 4.1: The MoKitDora 14-inch Chrome Bat-wing Ape Hanger Handlebar, showcasing its design and the included pulling strings for internal wiring.

5. PRODUCT SPECIFICATIONS

Feature	Detail
Rise Height	14 Inches
Bar Diameter	1.25 inches (fat bar), 1 inch (clamp area)
Pullback	Approximately 8 inches
Material	High-tensile Carbon Steel (AISI 1090)
Finish	Chrome Plated
Special Features	Bat-wing Design, Pre-cut for TBW (Throttle-By-Wire), Polished Wiring Holes, One-piece construction
Product Dimensions	Approximately 34"L x 15"W
Item Weight	Approximately 9.24 pounds

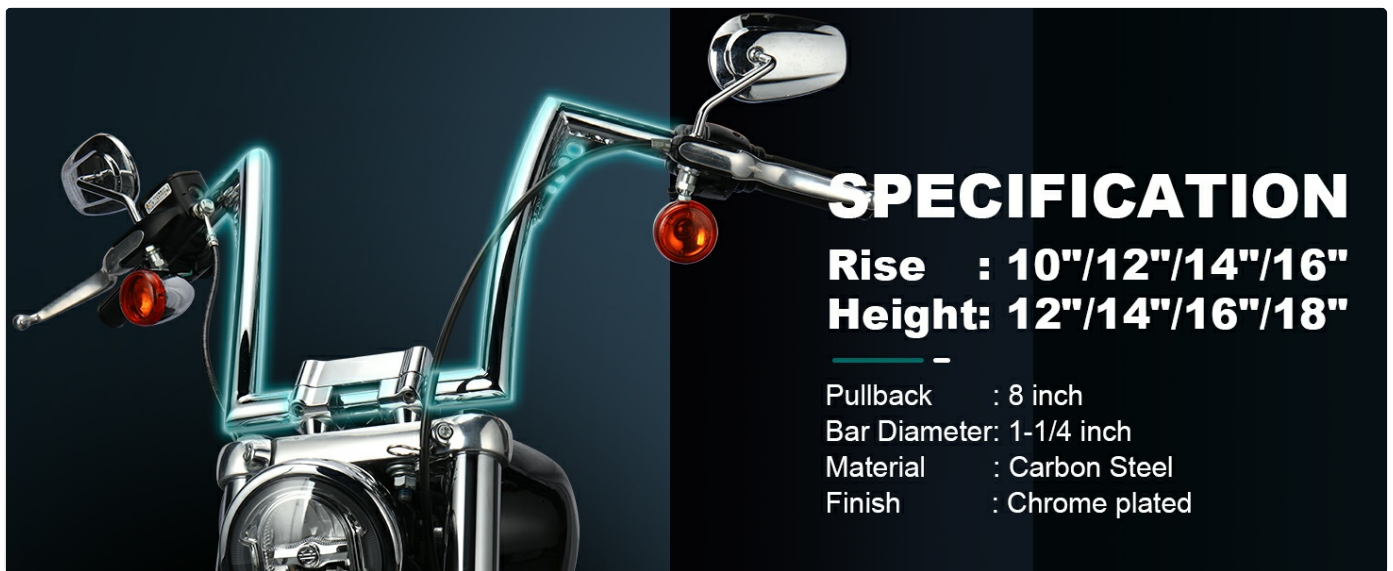
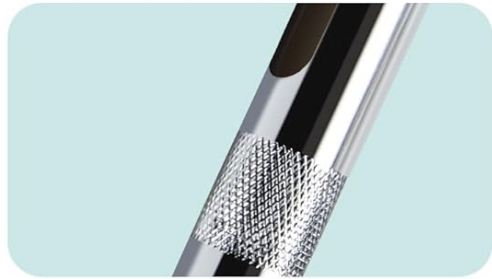


Figure 5.1: Detailed specifications of the handlebar, including key measurements and material composition.

Product Size



Knurled clamp
Area



TBW
Application



Figure 5.2: Visual representation of the handlebar's overall dimensions, highlighting the knurled clamp area and the design for TBW applications.



Figure 5.3: Illustration of how to measure the mounting distance, recommending checking stock riser distance before purchase.

6. SETUP AND INSTALLATION

This section outlines the general steps for installing your new handlebar. Specific procedures may vary based on your motorcycle model. Refer to your motorcycle's service manual for detailed instructions on removing existing handlebars and controls.

6.1 Pre-Installation Checks

1. Ensure the motorcycle is on a stable stand and the front wheel is secured.
2. Gather all necessary tools, including wrenches, screwdrivers, and a torque wrench.
3. Inspect the new handlebar for any manufacturing defects or shipping damage.

4. Confirm that the handlebar's clamp diameter (1 inch) matches your motorcycle's riser clamp.

6.2 Handlebar Installation Steps

1. **Remove Existing Handlebar:** Carefully remove grips, controls, and wiring from your old handlebar. Disconnect the old handlebar from the risers.
2. **Internal Wiring (if applicable):** The MoKitDora handlebar comes with pre-installed pulling strings and polished wiring holes to facilitate internal wiring. Attach your control wires to the pulling strings and gently feed them through the handlebar. Ensure wires are not twisted or pinched.



Figure 6.1: The handlebar features pre-installed pulling strings and smooth-cut holes to simplify the internal wiring process.



THE CASTLE LOOKING END

The end of handlebar throttle side is designed to be a castle looking end, making it perfect for TBW

**Pre-cut
Bar End**

**100%
Brand New**

DETAILS MATTER

POLISHED WIRING HOLE

As we know, the wiring step is difficult. Our engineers polished the edge as most as possible, just to protect your wire from cutting.



Figure 6.2: The handlebar's throttle side is pre-cut for TBW sensor installation, and wiring holes are polished to protect wires.

- 3. Mount Handlebar to Risers:** Carefully position the new handlebar onto the riser base, ensuring the diamond-knurled areas are centered. Install the riser clamp and tighten the clamp bolts evenly, following your motorcycle's torque specifications. The knurled areas provide a stable, non-slip installation.



Figure 6.3: The handlebar is crafted from a single piece of premium carbon steel, ensuring structural integrity without welds or weak points.

4. **Install Controls and Grips:** Reinstall all controls (throttle, brake, clutch, switches) and grips onto the new handlebar. Ensure all controls operate smoothly and without binding.
5. **Route Cables and Hoses:** Carefully route all cables, wires, and hydraulic hoses to ensure they have sufficient slack for full steering lock-to-lock movement without stretching or pinching.
6. **Final Inspection:** Double-check all connections, fasteners, and control operations. Ensure the handlebar is securely mounted and all components function correctly before riding.

7. OPERATING AND ERGONOMICS

The MoKitDora Bat-wing Ape Hanger Handlebar is designed to provide a natural, relaxed grip and comfortable pull-back distance. This ergonomic design aims to reduce rider fatigue during long-haul riding, enhancing the overall riding experience.



Figure 7.1: The handlebar's design promotes a comfortable and relaxed riding posture, reducing fatigue.

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your handlebar.

- **Cleaning:** Clean the chrome-plated surface regularly with a soft cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals that can damage the finish.
- **Inspection:** Periodically check all mounting bolts for tightness. Inspect the handlebar for any cracks, bends, or signs of corrosion. Ensure all cables and wires are free from fraying or damage.
- **Corrosion Resistance:** The chrome plating is designed to resist corrosion, having passed a 72-hour salt spray test. However, regular cleaning and protection in harsh environments will extend its lifespan.

Carbon Steel



Figure 8.1: The handlebar is constructed from AISI 1090 carbon steel with a durable chrome-plated finish, tested for corrosion resistance.

9. TROUBLESHOOTING

This section addresses common issues you might encounter during or after installation.

- **Difficulty with Internal Wiring:** If wires are difficult to pull through, ensure they are properly taped to the pulling strings and use a small amount of electrical lubricant or dish soap to aid passage. Ensure no burrs are present inside the handlebar; the product is designed with polished holes to minimize this.
- **Handlebar Slippage:** Ensure the riser clamp bolts are tightened to the motorcycle manufacturer's specified torque. The knurled clamping area is designed to prevent slippage.
- **Controls Not Functioning Smoothly:** Check for pinched wires or cables. Ensure controls are properly aligned and lubricated. Verify that all electrical connections are secure.
- **Fitment Issues:** Double-check the compatibility list in Section 3. If the handlebar does not fit your specific model, contact customer support for assistance.

10. CUSTOMER SUPPORT

MoKitDora is committed to providing quality products and customer satisfaction. If you have any questions, concerns, or require assistance with your handlebar, please contact our customer service team. We offer 24/7 customer support to help you find a solution.

For support, please refer to the contact information provided with your purchase or visit the official MoKitDora store online.

Note: This product comes with the handlebar as shown in the pictures. Additional instructions beyond this manual are not included in the package.