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› WEIYINGSI Universal Dirt Bike Handlebars Instruction Manual

WEIYINGSI Black (ZH01)

Universal Dirt Bike Handlebars Instruction Manual

Model: Black (ZH01) | Brand: WEIYINGSI

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your WEIYINGSI Universal 7/8 Inch 22mm Dirt Bike Handlebars. Please read this manual thoroughly before installation to ensure proper use and safety.



Figure 1: WEIYINGSI Universal 7/8 Inch 22mm Dirt Bike Handlebars (Black with Foam Pad)

The image displays the black universal 7/8 inch (22mm) dirt bike handlebars. It includes a black foam pad with "PITBIKE" branding in

yellow, attached to the crossbar. Two silver bolts are visible in the foreground, indicating included hardware. The handlebars feature a matte black finish and are designed for various dirt bike models.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Universal Compatibility:** Designed to fit various dirt bike models including CRF, YZF, KXF, KLX, RMZ, and DRZ, as well as ATVs and quad bikes.
- **Durable Construction:** Manufactured from high-strength, lightweight 6061-T6 aluminum with 0.19-inch (5mm) thick walls, heat-treated to HRC16 for enhanced resistance against damage and bending.
- **Customizable Length:** Features dimensional markings on the handlebar ends, allowing riders to precisely cut them to their desired length for optimal fit.
- **Premium Finish:** Anodized anti-oxidation treated surface with a matte finish for a sleek appearance. The bends are smoothly curved, ensuring structural integrity and strength.
- **Complete Set:** Includes 1 Motorcycle Handlebar, 1 Foam Pad, and 2 Stainless Steel Bolts as spare parts.

2.2 Components

The WEIYINGSI Universal Dirt Bike Handlebars package includes the following components:

- 1 x Universal 7/8 Inch (22mm) Dirt Bike Handlebar
- 1 x Foam Pad (pre-installed on crossbar)
- 2 x Stainless Steel Bolts (spare parts)

3. SPECIFICATIONS

Attribute	Value
Manufacturer	Wingsmoto
Brand	WEIYINGSI
Item Weight	1.47 pounds (0.67 kg)
Product Dimensions	30.14 x 6.14 x 0.1 inches (76.56 x 15.6 x 0.25 cm)
Item Model Number	Black (ZH01)
Handlebar Diameter	7/8 inch (22mm)
Wall Thickness	0.19 inches (5mm)
Material	6061-T6 Aluminum
Color	Black
Date First Available	August 22, 2017
UPC	614070525785, 711202341845

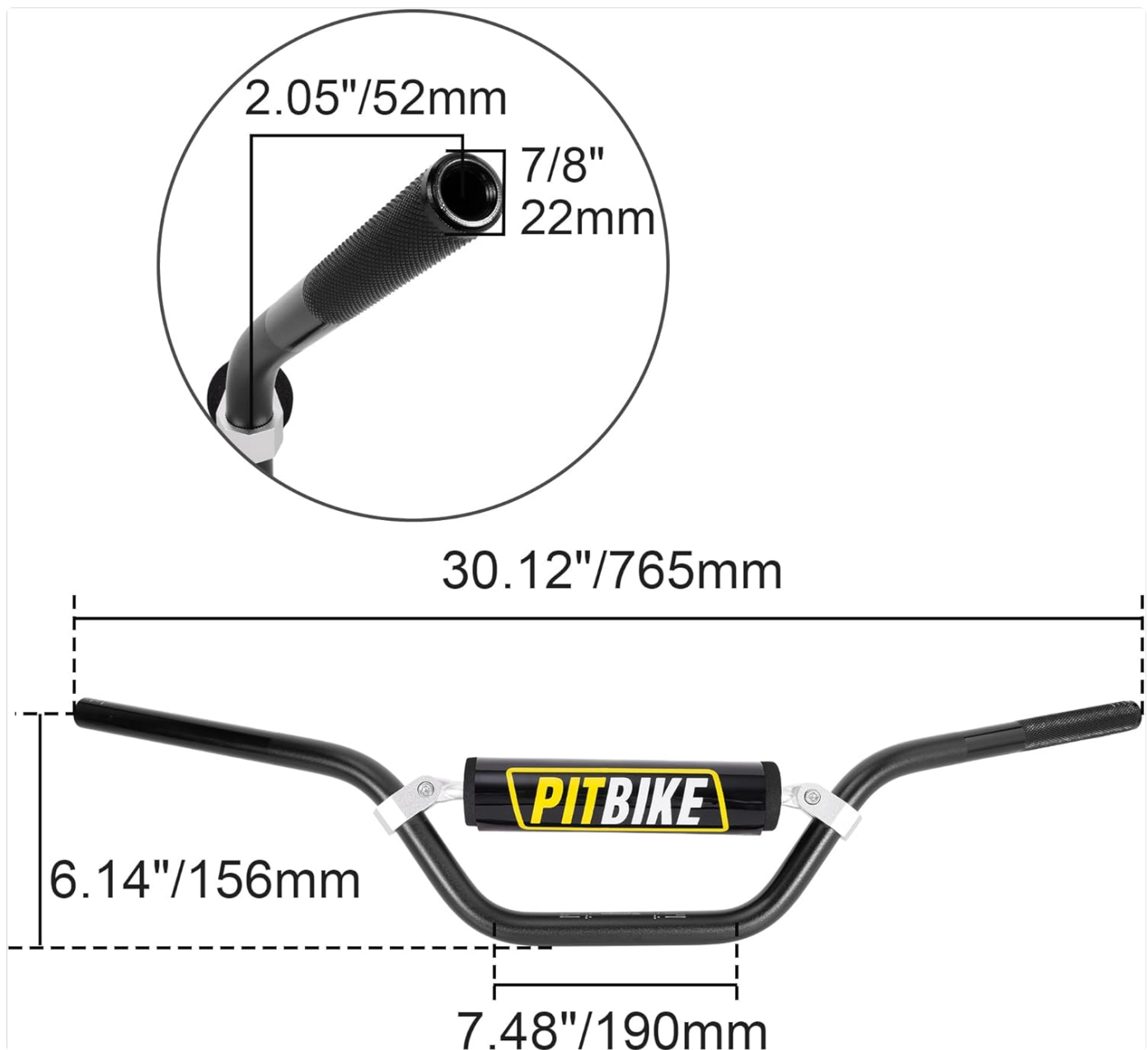


Figure 2: Detailed Dimensions of the Handlebars

This image illustrates the key dimensions of the handlebar: overall length of 30.12 inches (765mm), height of 6.14 inches (156mm), and a center width of 7.48 inches (190mm). It also shows the 7/8 inch (22mm) outer diameter and 2.05 inch (52mm) pull back.



Figure 3: Handlebar Wall Thickness Comparison

This image compares the wall thickness of the WEIYINGSI handlebar (5mm or 0.2 inches) with a thinner alternative (1.5mm or 0.06 inches), highlighting the robust construction of the product.

4. SETUP AND INSTALLATION

Proper installation is crucial for safety and performance. If you are unsure about any step, it is recommended to seek professional assistance.

4.1 Tools Required

- Appropriate wrenches or sockets for handlebar clamps and controls.
- Hex keys (Allen wrenches) for various bolts.
- Torque wrench (recommended for precise tightening).
- Measuring tape or ruler (if cutting handlebars).
- Hacksaw or pipe cutter (if cutting handlebars).

- File or deburring tool (if cutting handlebars).

4.2 Installation Steps

1. **Remove Old Handlebars:** Carefully remove all controls (throttle, brake levers, clutch lever, switches) and grips from your existing handlebars. Loosen the handlebar clamp bolts and remove the old handlebars from the triple clamp.
2. **Prepare New Handlebars:** Inspect the new WEIYINGSI handlebars for any damage. If you need to adjust the width, use the dimensional markings on the handlebar ends as a guide. Cut the handlebars to your desired length using a hacksaw or pipe cutter, then deburr the edges.



Figure 4: Handlebar End with Dimensional Markings

This image shows the end of the handlebar with etched measurement markings (1, 2, 3, 4) to guide precise cutting for length adjustment.

3. **Mount Handlebars:** Place the new handlebars into the triple clamp. Ensure the foam pad is correctly positioned on the crossbar. Align the handlebars to your preferred riding position. Tighten the handlebar clamp bolts evenly and to the manufacturer's recommended torque specifications.
4. **Reinstall Controls:** Reattach all controls (throttle, brake levers, clutch lever, switches) and grips to the new handlebars. Ensure all controls operate smoothly and are positioned comfortably for your reach. Pay special attention to throttle cable routing to prevent binding.

5. **Final Check:** Before riding, double-check all bolts for tightness. Ensure the handlebars are securely mounted and all controls function correctly. Test the steering range of motion to ensure no cables or hoses are pinched or stretched.



Figure 5: Handlebar Installation Process

This collage illustrates key steps in installing the handlebars, including loosening clamps, adjusting position, and reattaching controls like the throttle and brake levers. It shows hands using tools to perform these actions on a dirt bike.



Figure 6: Handlebars Installed on a Dirt Bike

This image displays the WEIYINGSI handlebars fully installed on a dirt bike, showcasing the foam pad and the overall fit and appearance on the vehicle.

5. OPERATING AND USAGE

Once installed, the handlebars provide the primary interface for controlling your dirt bike or ATV. Ensure you are familiar with the feel and response of your new setup before engaging in high-speed or challenging maneuvers.

- **Riding Position:** Adjust your riding position to comfortably reach all controls. The customizable length of these handlebars allows for fine-tuning to suit individual rider preferences and body ergonomics.
- **Control Functionality:** Regularly check that all attached controls (throttle, brakes, clutch, kill switch) operate freely and return to their neutral positions without sticking.
- **Foam Pad:** The included foam pad is designed to provide additional safety by cushioning impact in case of a rider's contact with the handlebars during aggressive riding or falls. Ensure it remains securely in place.

6. MAINTENANCE

Regular maintenance will prolong the life of your handlebars and ensure continued safe operation.

- **Regular Inspection:** Periodically inspect the handlebars for any signs of bending, cracks, or damage, especially after falls or impacts.
- **Bolt Tightness:** Check the tightness of all handlebar clamp bolts and control mounting bolts regularly. Vibrations from riding can cause bolts to loosen over time. Tighten to recommended torque specifications.
- **Cleaning:** Clean the handlebars with a mild soap and water solution. Avoid harsh chemicals or abrasive cleaners that could damage the anodized finish.
- **Foam Pad Condition:** Inspect the foam pad for wear or damage. Replace if it becomes torn or significantly compressed, as its protective qualities may be compromised.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Handlebars feel loose or shift during riding.	Handlebar clamp bolts are not tightened sufficiently.	Tighten handlebar clamp bolts to the vehicle manufacturer's specified torque. Ensure even tightening.
Controls (throttle, brake lever) stick or do not return smoothly.	Improper routing of cables/hoses; controls are too tight on the handlebar; debris.	Check cable/hose routing for kinks or pinching. Loosen control clamps slightly and reposition. Clean controls and lubricate if necessary.
Handlebars appear bent or damaged after a fall.	Impact damage.	Bent handlebars can compromise safety. Replace immediately. Do not attempt to straighten.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product comes with an unconditional **1-year replacement warranty** from the date of purchase. This warranty covers manufacturing defects and material failures under normal use. It does not cover damage resulting from improper installation, misuse, accidents, or unauthorized modifications.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your WEIYINGSI handlebars, please contact our customer support team. Refer to your purchase documentation for specific contact details or visit the official WEIYINGSI store on Amazon.

Brand: WEIYINGSI

Amazon Store: [Visit the WEIYINGSI Store](#)



