

Thumb Throttle Adapter Universal

Thumb Throttle Adapter for E-Bikes

Model: Thumb Throttle Adapter Universal
Brand: Generic

1. PRODUCT OVERVIEW

The Universal Fit Thumb Throttle Adapter is designed to convert an e-bike's existing twist throttle into a thumb-operated throttle. This modification aims to provide enhanced control and comfort during e-bike operation, particularly beneficial for extended use.



Figure 1.1: The Thumb Throttle Adapter installed on a twist throttle, showing its ergonomic design.

2. KEY FEATURES

- **Enhanced Control and Comfort:** Transforms a twist throttle into a thumb throttle, improving handling and reducing hand fatigue.
- **Improved Ergonomics:** Features an extra-large paddle and a curved design for greater leverage and a natural, comfortable grip.
- **Wide Compatibility:** Designed for universal fit with throttles measuring 35mm to 40mm in diameter. Compatible with various e-bike models including Pedego, Radpower, Himiway, and Aventon.
- **Simple Installation:** Includes a 2.5mm hex key for quick and straightforward attachment.

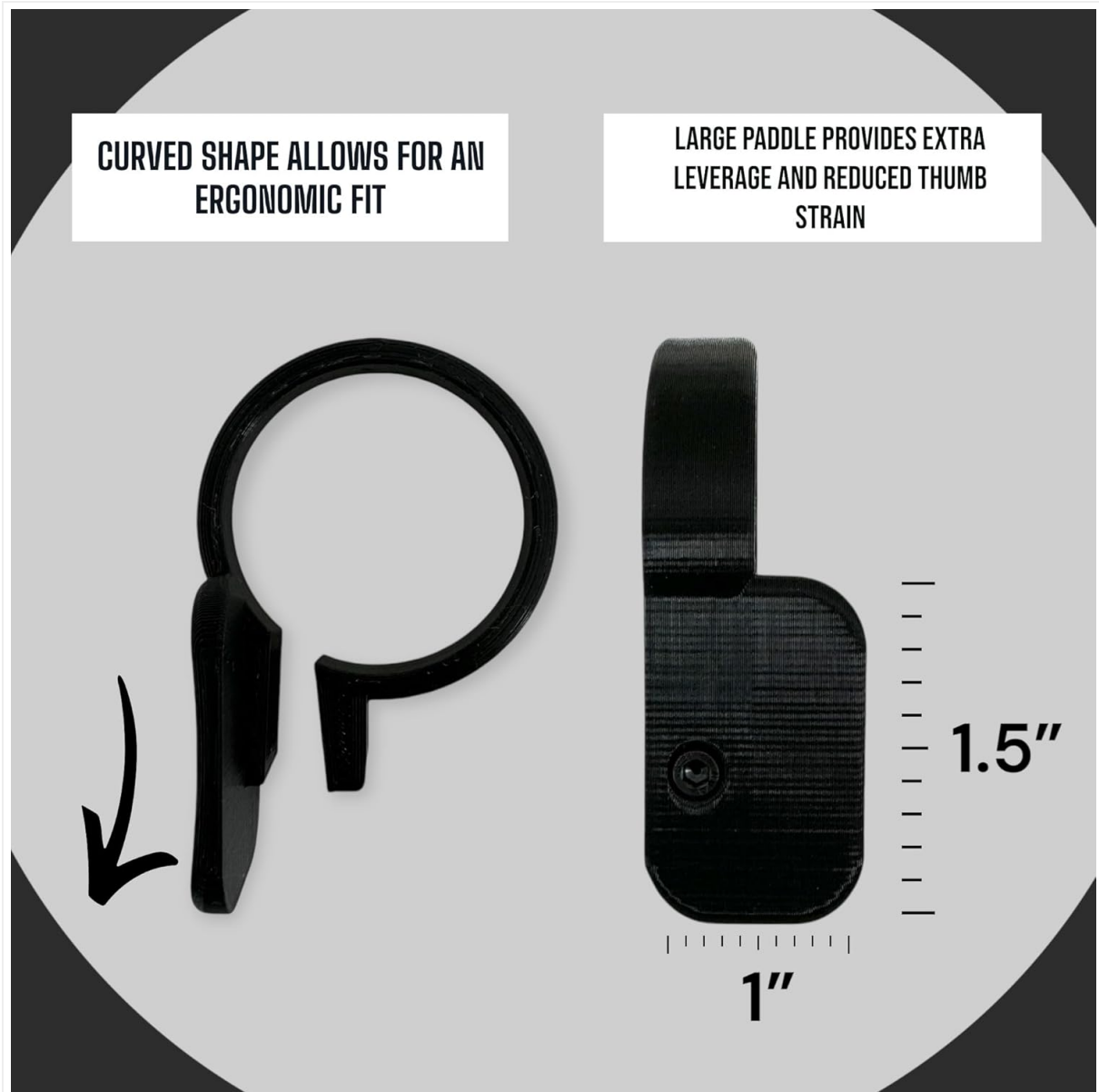


Figure 2.1: Illustration of the adapter's ergonomic shape and approximate dimensions (1.5" height, 1" width).

3. PACKAGE CONTENTS

Verify that all items listed below are present in the package:

- Universal Thumb Throttle Adapter
- 2.5mm Hex Key (Installation Tool)
- 1mm Spacer (if needed for fitment)

Package Content



Thumb Throttle Adapter



**Universal Spacer
(if needed)**



Installation Tool



Figure 3.1: Contents of the product package, including the adapter, optional spacer, and hex key.

4. SPECIFICATIONS

Material	PLA Plastic
Color	Black
Product Dimensions (L x W)	3.5" x 2" (approximate)
Compatible Throttle Diameter	35mm - 40mm
Item Weight	0.317 ounces
Model Number	TT-1

5. SETUP AND INSTALLATION

Follow these steps to install the Thumb Throttle Adapter on your e-bike's twist throttle:

1. **Identify Throttle:** Locate the twist throttle on your e-bike's handlebar. Ensure it is within the compatible diameter range of 35mm to 40mm.
2. **Position Adapter:** Slide the thumb throttle adapter over the existing twist throttle. Position it so the paddle is comfortably accessible by your thumb.
3. **Secure Adapter:** Use the provided 2.5mm hex key to tighten the screw on the adapter. Ensure the adapter is firmly secured and does not rotate freely on the throttle. Do not overtighten.
4. **Use Spacer (if needed):** If there is any looseness or play after tightening, insert the 1mm spacer between the adapter and the throttle body to achieve a snug fit. Then re-tighten the screw.
5. **Test Functionality:** Before riding, gently test the throttle's operation to ensure smooth and proper function with the adapter in place.



Figure 5.1: The adapter securely installed on an e-bike handlebar, ready for use.

6. OPERATING INSTRUCTIONS

Once installed, the thumb throttle adapter allows for activation of your e-bike's motor by pressing the paddle with your thumb. This provides a more intuitive and less fatiguing control method compared to a twist throttle.

- **Activation:** Apply gentle pressure with your thumb to the paddle to engage the e-bike's motor.
- **Speed Control:** Vary the pressure on the paddle to control the speed of the e-bike, similar to how you would with a twist throttle.
- **Disengagement:** Release pressure from the paddle to disengage the motor.
- **Safety:** Always ensure you have full control of your e-bike and are aware of your surroundings when operating the throttle.

7. MAINTENANCE

The Thumb Throttle Adapter requires minimal maintenance. Adhere to the following guidelines to ensure its longevity:

- **Cleaning:** Wipe the adapter with a damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the adapter for any signs of wear, cracks, or damage. Ensure the mounting screw remains tight.
- **Storage:** Store the e-bike and adapter in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.

8. TROUBLESHOOTING

If you encounter issues with your Thumb Throttle Adapter, refer to the following common problems and solutions:

- **Adapter is Loose:**
 - Ensure the mounting screw is fully tightened using the 2.5mm hex key.
 - If still loose, use the included 1mm spacer to provide a tighter fit around the throttle body.
- **Throttle Functionality Issues:**
 - Verify that the adapter is not interfering with the twist throttle's internal mechanism.
 - Ensure the adapter is positioned correctly and not obstructing any moving parts of the throttle.
 - If the e-bike's throttle itself is not responding, consult your e-bike's manual or a qualified technician, as the issue may not be related to the adapter.
- **Physical Damage:**
 - If the adapter shows signs of cracking or breakage, discontinue use and consider replacement.

9. WARRANTY AND SUPPORT

This product is manufactured by My Happy Life. For support or warranty inquiries, please refer to the return policy of your retailer or contact the manufacturer directly.

- **Return Policy:** Typically, a 30-day return/replacement policy applies from the date of purchase. Please

check with your specific retailer for details.

- **Manufacturer:** My Happy Life
- For further assistance, please visit the product page on Amazon or contact Amazon customer service.