

Manuals.plus /

› Tefola /

› Tefola Electric Scooter Throttle User Manual

Tefola Tefola9a7ity6m5e

Tefola Electric Scooter Throttle Instruction Manual

Model: Tefola9a7ity6m5e

1. INTRODUCTION

Thank you for choosing the Tefola Electric Scooter Throttle. This universal thumb accelerator is designed for electric bike conversion and electric scooter applications, offering reliable and flexible control. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your product.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installing and using the product. Failure to follow these instructions may result in damage to the product, property, or personal injury.

- Always disconnect power to the electric bike or scooter before installation or maintenance.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not modify the throttle or its wiring. Unauthorized modifications can lead to malfunction and void the warranty.
- Keep the product away from water and excessive moisture.
- If you are unsure about any installation step, consult a qualified technician.

3. PRODUCT OVERVIEW

The Tefola Electric Scooter Throttle is a compact and durable component designed for precise speed control. It features a thumb-operated accelerator and is compatible with handlebars of approximately 22.2mm (0.9 inches) diameter.

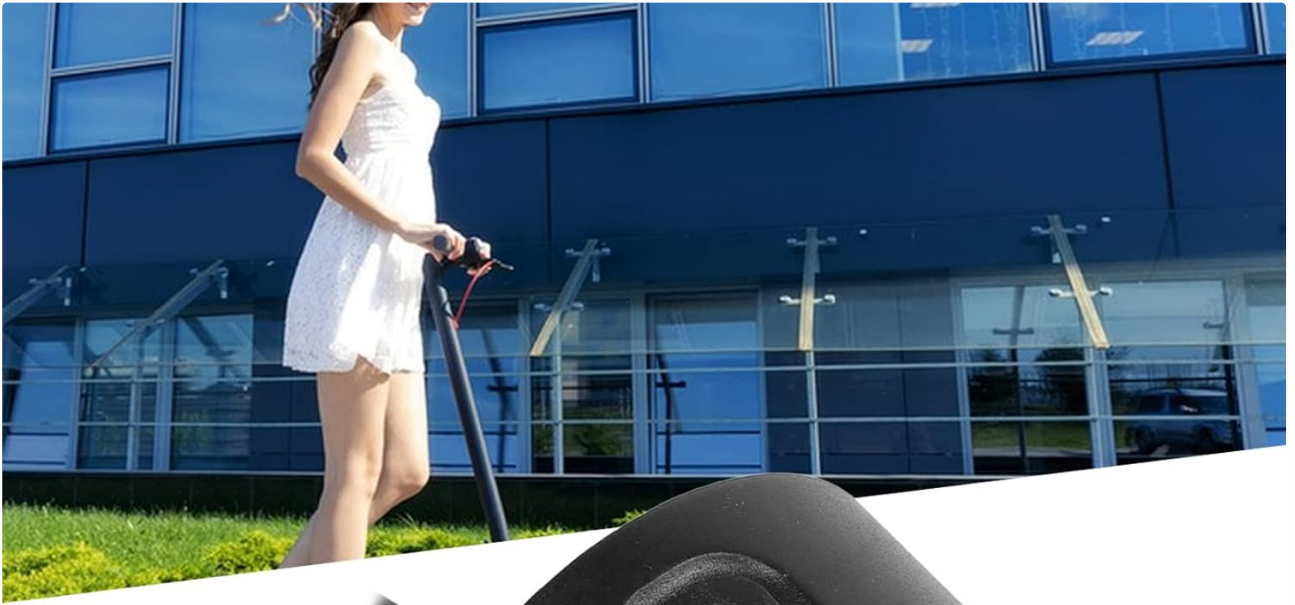


Figure 3.1: Main view of the Tefola Electric Scooter Throttle. This image shows the black plastic housing with the thumb accelerator pad on the left and a power button on top, designed for universal left or right-hand use.



Durable cable and interface
Good contact
Ensure low failure rate for long
time use



Figure 3.2: Close-up of the throttle highlighting its durable cable and interface. The text overlay emphasizes good contact and low failure rate for long-term use.



Handle Diameter: 22.2mm/0.9in

Figure 3.3: View of the throttle showing the internal clamp mechanism and the specified handle diameter of 22.2mm (0.9 inches).



Figure 3.4: The throttle unit with its attached wiring harness, showing the multi-pin connector for integration into the e-bike or scooter's electrical system.

4. SPECIFICATIONS

Feature	Description
Item Type	Electric Scooter Throttle
Material	ABS
Handle Diameter	Approx. 22.2mm / 0.9in
Compatibility	Universal for electric bike conversion, electric scooter
Installation	Left or Right side of handlebars
Weight	Approx. 3.17 ounces
Model Number	Tefola9a7ity6m5e

5. SETUP AND INSTALLATION

Follow these steps to properly install your Tefola Electric Scooter Throttle:

1. **Prepare the Handlebar:** Ensure the handlebar area where the throttle will be installed is clean and free of obstructions. The throttle is designed for handlebars with a diameter of approximately 22.2mm (0.9 inches).
2. **Choose Installation Side:** The throttle can be installed on either the left or right side of the handlebars, depending on user preference and existing setup.
3. **Mount the Throttle:** Loosen the screw on the throttle's clamp. Slide the throttle onto the handlebar to the desired position. Ensure it is securely seated and does not rotate freely.
4. **Secure the Throttle:** Tighten the screw on the clamp firmly but do not overtighten, as this could damage the handlebar or the throttle housing.
5. **Connect Wiring:** Locate the appropriate wiring harness on your electric bike or scooter for throttle connection. Connect the throttle's multi-pin connector to the corresponding port. Ensure the connection is firm and the pins are correctly aligned. Refer to your vehicle's wiring diagram if unsure.
6. **Test Functionality:** Once installed and wired, carefully power on your electric bike or scooter and test the throttle's response. Ensure smooth acceleration and proper function before riding.

6. OPERATING INSTRUCTIONS

The Tefola Electric Scooter Throttle provides intuitive speed control for your electric vehicle.

- **Power On:** Ensure your electric bike or scooter is powered on according to its manufacturer's instructions.
- **Accelerate:** Gently press down on the thumb accelerator pad with your thumb to increase speed. The further you press, the faster the vehicle will go.
- **Decelerate:** Release pressure on the thumb accelerator pad to reduce speed.
- **Braking:** Always use your vehicle's primary braking system for stopping. The throttle is for speed control, not braking.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of your throttle.

- **Cleaning:** Wipe the throttle clean with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect the wiring and connections for any signs of wear, fraying, or corrosion. Ensure all connections remain secure.
- **Physical Inspection:** Check the throttle housing for any cracks or damage. Ensure the thumb pad moves smoothly without sticking.
- **Storage:** If storing your vehicle for an extended period, ensure the throttle is kept in a dry environment, away from extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your Tefola Electric Scooter Throttle, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Throttle not responding	Loose or disconnected wiring Vehicle not powered on Damaged throttle	Check all wiring connections and ensure they are secure. Verify the vehicle's power is on. If connections are good, the throttle may need replacement.
Intermittent response	Poor contact in wiring Internal wiring issue	Inspect wiring for corrosion or damage. Re-seat connections. Contact customer support if the issue persists.
Throttle stuck or stiff	Debris or dirt Physical damage	Clean the throttle thoroughly. Ensure no foreign objects are obstructing movement. If damaged, replacement may be necessary.

If the problem persists after attempting these solutions, please contact Tefola customer support.

9. WARRANTY AND SUPPORT

Tefola products are manufactured with high-quality materials and undergo strict quality control. For warranty information, technical support, or replacement parts, please refer to the contact information provided with your purchase or visit the official Tefola website.

Contact Information:

Please refer to your purchase documentation or the Tefola brand store on Amazon for the most current support details. You can visit the Tefola Store at <https://www.amazon.com/stores/TEFOLA/page/19ADE15F-2643-4CA5-B033-0421EF4C3F4E>.