

TerraTrike by WizWheelz

Fender Kit Installation Instructions

Scope

This fender kit applies to all TerraTrikes with disc brakes.

Before You Start

In order to install your fenders, you will need to remove parts from your brakes. Re-installing them correctly is crucial – please pay special attention to these instructions. If you do not feel qualified to install these fenders then take them to a competent bike shop.

Tools Needed

- Small Phillips head screwdriver
- 3, 4, & 5 mm Allen wrenches
- 8 mm open-end or socket wrench

Parts List

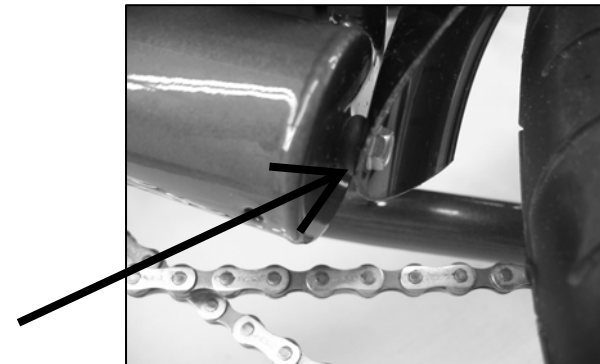
- (1) rear fender
- (2) front fenders
- (4) fender stays for the rear wheel
- (4) outside fender stays for the front wheels
- (2) inside fender stays for the left wheel
- (2) inside fender stays for the right wheel (type “A” setup)
- (2) inside fender stays for the right wheel (type “B” setup)
- (2) inside fender stays for the right wheel (the “Edge” setup)
- (12) fender clips
- (2) M5 x 12mm bolts
- (1) M5 x 16mm bolt
- (3) M5 washers
- (1) Self-tapping screw
- (1) rubber spacer
- (2) M6 x 25mm bolts
- (4) M6 washers

Rear Fender (All Models)

1. Select the longest fender and the four fender stays for the rear wheel.
2. Attach the rear stays to the frame dropouts with the M5x12mm bolts and M5 washers. If you have a rear rack, use the same hole and install the stays between the rack and the frame using the longer bolts supplied with the rack.
3. Attach the fender and fender clips as shown:



4. Remove the rear wheel and align the leading edge of the fender with the hole in the back of the frame. Attach with the M5 x 16mm bolt and an M5 washer. If your model won't accept the bolt then use the self-tapping screw. **Note:** Use the rubber spacer between the fender and the frame.



5. Reinstall the wheel and align the fender. You may need to adjust the position of the clips, adjust the depth that the stays are seated in the clip, or bend the stays slightly to attain proper fender alignment and tire clearance.
6. Tighten everything including the tiny screws in the fender clips.

You're done with the rear. Now you'll have to live without that stylish brown mud-racing stripe on your back!

Left Front Fender (All Models)

1. Work on the left fender first. Your perspective when sitting on the trike determines left vs. right.
2. Select one of the short fenders, two of the outside fender stays for the front wheel, and the two inside fender stays for the left wheel.
3. Check the right and left axle bolts on your trike to see if they have a tapped hole through the center of the bolt. If they are not already tapped, replace them with the bolts we've added to your package.
4. Attach the outside stays to the tapped axle bolt with the M6x25 bolt and two M6 washers. Sandwich the two stays between the two washers.



5. Attach the fender as shown:



6. Remove your brake mount bolts for the left wheel. Do this one bolt at a time to keep the brakes in place. These are the two horizontally mounted bolts that hold the brake to the hub mount, not the vertical bolts holding the caliper to the adapter.
7. This sequence is important! Pass the brake mount bolt through the eyelet of the inside stay, then through the hub mount, then through the washer(s) (if it was present on your model), and screw it back into the brake adapter. Do this for both inside stays. **Note:** Each brake mount bolt holds one stay.
8. Attach the stays to the fender as shown:



9. Align the fender. You may need to adjust the position of the clips, adjust the depth that the stays are seated in the clip, or bend the stays slightly to attain proper fender alignment and tire clearance.
10. Tighten everything including the tiny screws in the fender clips.
NOTE: IT IS VERY IMPORTANT THAT YOUR BRAKE BOLTS ARE TIGHT. Improper brake set up can be dangerous.

Determine Right Fender Type

Type A – Right brake caliper is mounted below the axle. Continue below.

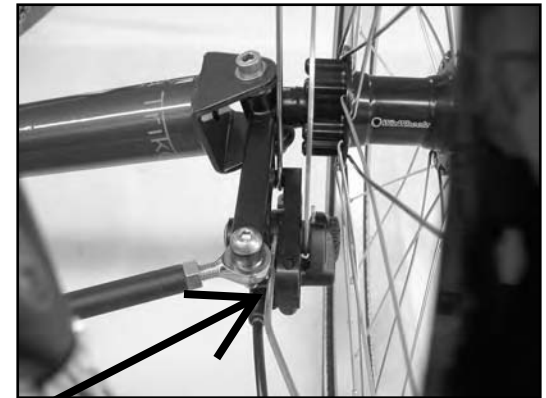
Type B – Right brake caliper is mounted above the axle (mirror image of left). If you have this type, mount your right fender using the same procedure as the left.

The Edge – If you have an Edge Trike, go to *Right Front Fender - Edge Setup*.

Right Front Fender - Type A Setup

1. Select the remaining short fender, two outside fender stays for the front wheel, and the two inside fender stays for the right wheel marked "Type A".
2. Attach the outside stays to the tapped axle bolt as you did on the left side.
3. Attach the fender to the outside stays as you did on the left side.
4. Loosen the lock-rings on the brake lever and the brake caliper (counter-clockwise) as far as they will go. Then turn the adjusting barrels clockwise as far as they will go.
5. Remove the brake mount bolts for the right wheel and the washers. Do this one bolt at a time to keep the brakes in place. These are the two horizontally mounted bolts that hold the brake to the hub mount.
6. The following sequence is important and is different from the left hand side! The fender stay will replace the washers and become the spacer between the hub mount and the brake mount. The stay is thicker than the washers, so you may need to adjust the brakes in a moment. Pass the brake mount bolt through the hub mount, then through the eyelet of the inside stay, then screw it back into the brake mount and discard the washers. Do this for both inside stays. **Note:** Each brake mount bolt holds one stay. (See photos on next page)
7. Align the fender. You may need to adjust the position of the clips, adjust the depth that the stays are seated in the clip, or bend the stays slightly to attain proper fender alignment and tire clearance.
8. Tighten everything including the tiny screws in the end-clips.
- NOTE: IT IS VERY IMPORTANT THAT YOUR BRAKE BOLTS ARE TIGHT.** Improper brake set up can be dangerous.
9. Spin your wheel. If you are experiencing brake rub, you may need to loosen the cable anchor screw (the screw that holds the very end of the brake cable) and adjust the cable tension slightly. You may need to tighten the large black adjustment knob on the outside of the brake caliper. The gaps between the brake disc and each brake pad should be approximately the width of two business cards (0.5mm). This can be adjusted slightly for personal preference.

10. If you're not familiar with adjusting disc brakes, take your trike to a competent bike shop to help with the fine-tuning.



You're Done!

Pat yourself on the back for a job well done and go ride in the rain!

Right Front Fender - Edge Setup

1. Select the remaining short fender, two outside fender stays for the front wheel, and the two inside fender stays for the right wheel marked "The Edge".
2. Attach the outside stays to the tapped axle bolt as you did on the left side.
3. Attach the fender to the outside stays as you did on the left side.
4. Remove the brake mount bolts for the right wheel. These are the two horizontally mounted bolts that hold the brake to the hub mount. Do this one bolt at a time to keep the brakes in place.
5. The following sequence is important! Pass the brake mount bolt through the eyelet of the inside stay, then through the hub mount, and screw it back into the brake adapter. Do this for both inside stays. **Note:** Each brake mount bolt holds one stay.



6. Align the fender. You may need to adjust the position of the clips, adjust the depth that the stays are seated in the clip, or bend the stays slightly to attain proper fender alignment and tire clearance.
7. Tighten everything including the tiny screws in the end-clips.
NOTE: IT IS VERY IMPORTANT THAT YOUR BRAKE BOLTS ARE TIGHT. Improper brake set up can be dangerous.

Pat yourself on the back for a job well done and go ride in the rain!

TerraTrike™
R I D E I N C O M F O R T

Be Part of the Solution...

Website: www.wizwheelz.com

Email: sales@wizwheelz.com