



ADAPTATION ASSEMBLY INSTRUCTIONS



AmTryke[®]

The therapeutic tricycle for people with disabilities

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Disc Brake Kit ProSeries

Available for ProSeries 1416, 1420, and 1420-XL Amtrykes

(Part #: 80-45-0050)

Parts: Bracket, disc, rotor, caliper, axle key, handle, cable, zip ties

1. Install Rear Disc Brake Rotor and Disc Caliper on the left rear wheel axle of the main frame. The left side is determined from the perspective of riding the tryke.
 - a.) Turn axle until the oblong oval slot in the axle faces upwards.
 - b.) Insert 15mm Key Way into the slot in the axle.
 - c.) Slide on the disc brake rotor (with screw opening on the hub to the outside) until it is flush with rear frame. There is a notch in the rotor that will allow it to slide over the Key Way. Be sure this is engaged, as it locks the brake rotor to the axle.
2. Install the 3mm set screw through rotor using a 3mm Allen wrench, tighten securely.



3. Install rear wheels (do not use the 22mm silver spacer tube on the left side axle when you are installing the rear steering kit).
4. Install Disc Brake Caliper.

5. Flip the bike frame upside down. It is easier to install the disc brake caliper from the underside.



6. Insure brake pads slide smoothly over brake disk.
7. Put in black bolts with 5mm Allen wrench. Hint: tighten the rear bolt first as it will touch the bracket. Then tighten the front bolt until the brake is secure. Be sure both sides of the brake bracket contacts the red rear axle tube evenly.

8. Test the rear axle rotation. It should spin easily without binding.
9. Install brake lever and cable. Route cable along frame down and back to disk brake.
10. Attach cable end to brake rotor. ADD PHOTO

Replacement Brake Shoe Pads

Part#: 80-45-0060

Tools Needed: 5mm Allen/Hex Wrench, Optional: Needle Nose pliers

Step 1: To begin, look at your WinZip Disc Brake Assembly from the front. The picture displays how you will see this assembly on your tryke.



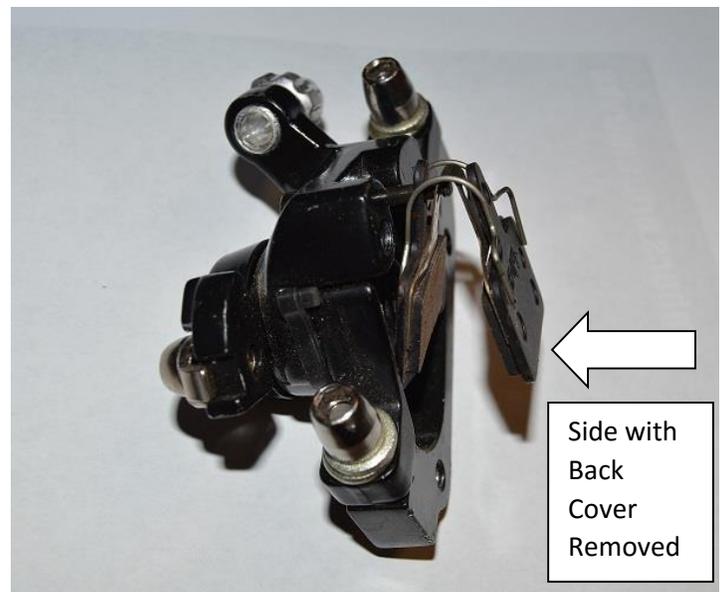
Step 2: Remove back cover using a 5mm Allen/Hex Wrench. The bolts needed for removal are indicated by circles. Take your time removing this part as this will release the spring that is under some tension.



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Step 3: Once you have removed the back cover, you will find the Brake Shoe Pads exposed. There will be a factory spring that helps hold shoe pads in place. DO NOT lose this spring as your replacement shoe pads do not come with this part.



Step 4: The previous pads will need to be removed carefully by sliding the brake disc pads assembly off of the small bolt that houses them. Our advice is to keep the small bolt in place so that you can replace the pads easily.



Step 5: Reinstall new brake shoe pads to match the preexisting setup. Replace back cover using the 5mm Allen/Hex wrench.

Special Note: Brakes are an essential safety aspect for your tryke. If you are not qualified, the pads must be fitted by a professional cycle mechanic. Additional instructions are found in the disc brake section in your tryke manual. Clean your system with a recommended product before proceeding with fitting of disc pads. The brake pads will need to be broken in during several miles before attaining maximum efficiency. Check regularly for pad wear. The durability of the pads varies with the type of utilization and terrain. Riding with worn pads could damage the disc brake system.

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