



Tab Mount Installation Instructions 2.27.04

1. Remove wheel with old handrim from wheelchair.
2. Remove tire from wheel (tire changing tools are recommended if you have them) and tape or rubber band that covers spoke holes from wheel.
3. Using a phillips screwdriver (or allen head wrench) and a 3/8" socket, disassemble and remove the (6) screws and lock nuts that mount the handrim to the wheel.
4. **REMOVE THE PLASTIC SLEEVES FROM THE TABS ON THE NEW OVAL HANDRIM.** The plastic sleeves were installed to protect the handrims during shipment, but will not be needed in your new Natural-Fit assembly.
5. Take the oval handrim and check to see if the tabs will fit inside the rim of the wheel. If not (i.e. either too wide or narrow), you will need to **EVENLY ADJUST OR BEND ALL TABS (USING PLIERS) SO THEY JUST FIT INSIDE THE RIM OF THE WHEEL.**

NOTE: IT IS IMPORTANT TO EVENLY BEND THE TABS SO THE OVAL HANDRIM WILL MOUNT SYMMETRICALLY TO THE WHEEL.

6. Once the tabs are adjusted properly, place the new oval handrim on a flat surface with the tabs facing up per Drawing #1.
7. Place the new concave shaped thumb guard on top of the oval handrim as shown in Drawing #1 (the wider edge faces up to make contact with your wheel).
8. Place your wheel (**WITH RECESSED HOLE FACING DOWN**) on top of the thumb guard and oval handrim per Drawing #1.
9. Make sure the holes on the tabs match up with the holes in the wheel.
10. Insert the (6) screws through the wheel and into the tab holes in the oval handrim. After you insert each screw, slightly thread the lock nut onto the screw. **DO NOT TIGHTEN DOWN! IT IS IMPORTANT TO INSTALL ALL SCREWS BEFORE TIGHTENING!**

NOTE: DON'T BE ALARMED IF THE SCREWS DO NOT EASILY INSERT INTO THE HOLES AND THE TABS, THE NATURAL-FIT HANDRIM ASSEMBLY HAS BEEN DESIGNED SO THE THUMB GUARD FITS SNUGGLY BETWEEN THE WHEEL AND THE OVAL TUBE. YOU MAY HAVE TO LOOSEN UP THE LOCK NUTS TO INSERT ALL OF THE SCREWS.

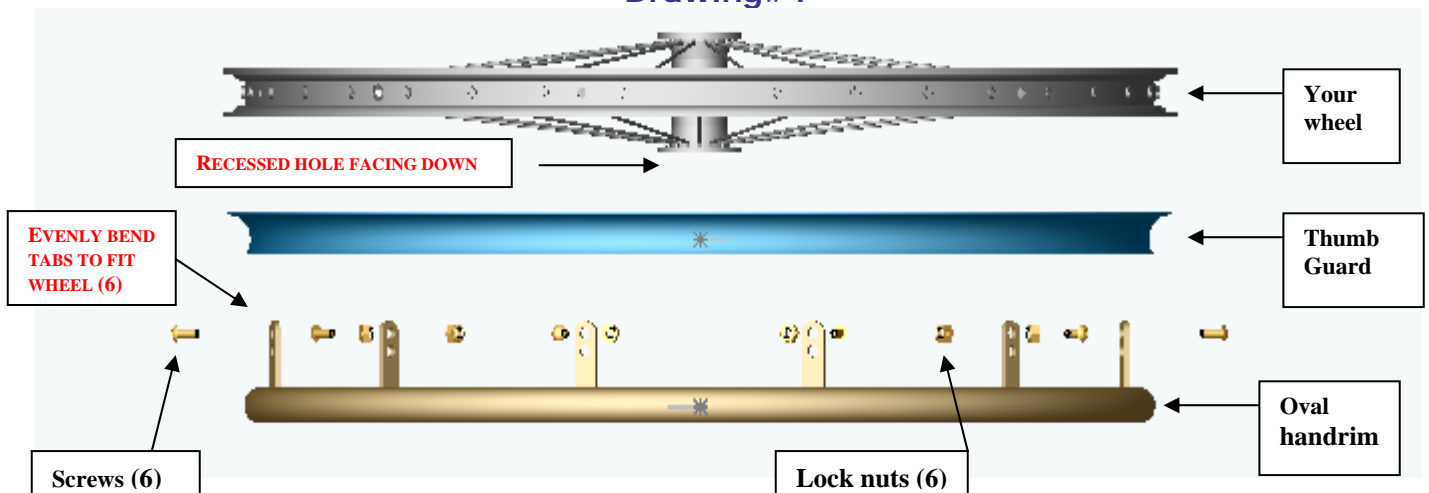
11. MAKE SURE THE THUMB GUARD IS **CENTERED AND EVENLY SPACED** WITH RESPECT TO THE OVAL HANDRIM AND WHEEL.
12. **SEE VELCRO STRAP INSTRUCTIONS!**

IT IS VERY IMPORTANT TO APPLY EVEN PRESSURE TO THE WHEEL AND HANDRIM TO PREVENT THE THUMB GUARD FROM SLIPPING!

13. If it is, start to tighten the lock nuts using a **CRISS/CROSS PATTERN** until all have been secured.
14. Once all of the lock nuts have been securely fastened, reinstall the spoke tape (or rubber band), inner tube, tire, and inflate to the correct pressure. Congratulations! Your new Natural-Fit Handrim is ready to use!

NOTE: MAKE SURE TO CHECK THE CENTERING OF THE THUMB GUARD AS YOU TIGHTEN UP THE LOCK NUTS, IF THE THUMB GUARD BECOMES TILTED TO ONE SIDE OR ANOTHER, LOOSEN THE LOCK NUTS, READJUST THE THUMB GUARD UNTIL IT IS CENTERED AND BEGIN TO TIGHTEN AGAIN APPLYING EVEN PRESSURE.

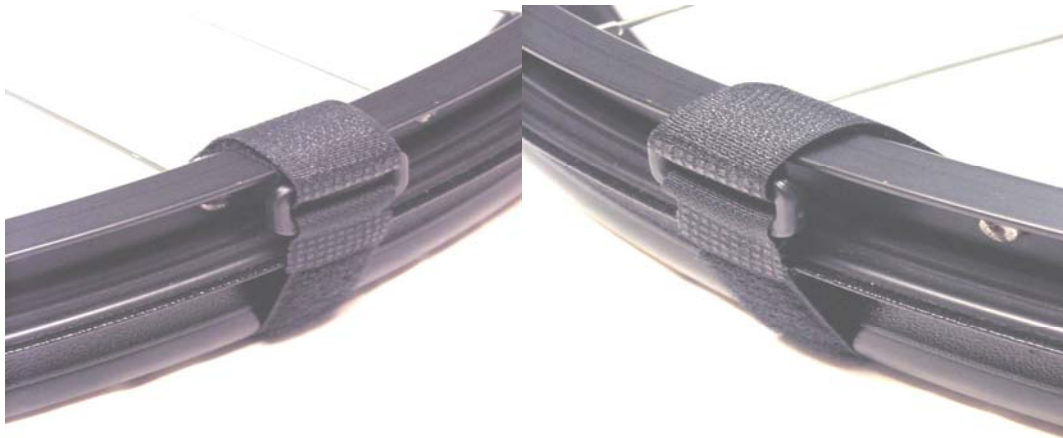
Drawing# 1





Velcro Strap Instructions 2.27.04

1. It is critical to press the oval handrim and the wheel together with enough force so the Thumb Guard will not spin.
2. To make sure enough force can be applied to prevent slipping, we have included (2) Velcro Straps.
3. By using these Velcro Straps correctly, the oval and wheel will be pressed together sufficiently so the Thumb Guard is secured between them.
4. The best way to do this is to look at the photographs below and position the Velcro Straps at opposite ends of your wheel.



5. Tighten by cinching the (2) Velcro Straps so the thumb Guard is secure (does not spin when you push on it).



6. You can test this by taking the wheel and handrim and push on the Thumb Guard, trying to get it to spin.
7. If it moves any distance at all, then you should re-tighten the (2) Velcro Straps until the slipping stops.
8. Once slipping stops, there is enough pressure on the Thumb Guard and you are ready to secure the oval handrim by tightening the lock nuts.