

Natural-Fit Installation Instructions (NFH Install 7.15.03)

24" Tab Mount Handrim

1. Remove your wheel with old handrim from wheelchair.
2. Remove tire from wheel (tire changing tools are recommended if you have them).
3. Remove tape or rubber band that covers spoke holes from wheel.
4. 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. If you have plastic sleeves to protect your fingers on the tabs of your old handrim, take those off and put them on the new oval handrim tabs.
5. Take the oval handrim and check to see if the tabs will fit inside the rim of the wheel. They should fit just inside the rim of the wheel, if not (i.e. either too wide or narrow), you will need to slightly bend the tabs (using a pliers) so they align properly to the rim of the wheel.
6. Once the tabs are adjusted properly, per **Drawing #1**, place the new oval handrim on a flat surface with the tabs facing up.
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 rim).
8. Place your wheel (with recessed hole for quick disconnect facing down) on top of the thumb guard and oval handrim per **Drawing #1**.
9. Make sure the holes for mounting the oval handrim match up with the holes in the wheel.
10. Insert the (6) screws through the wheel and into the holes in the oval handrim. After you insert each screw, lightly thread the lock nut onto the screw to hold the new handrim assembly in place.
 - **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 snugly between the wheel and the oval tube so you may have to adjust the assembly and/or bend the tabs to get all of the screws inserted properly.
11. Make sure the thumb guard is centered and evenly spaced with respect to the oval handrim and wheel.
12. If it is, start to tighten the lock nuts using a criss/cross pattern until all have been secured.
 - **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.
13. 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.
14. Your new Natural-Fit Handrim is ready to use and the wheel assembly can now be put back on your wheelchair.

Drawing #1

