



Mag Wheel Installation Instructions

1. Remove wheel with old handrim from wheelchair.
2. Place the wheel assembly on a flat surface with the old handrim facing down.
3. Using a phillips screwdriver (or allen head wrench), remove the (6) screws that mount the handrim to the wheel.
4. Place the new oval handrim on a flat surface with the rivet-nuts (threaded holes) facing up, per Drawing #1.
5. 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).
6. Place your wheel (**WITH RECESSED HOLE FACING DOWN FOR QUICK DISCONNECT**) on top of the thumb guard and oval handrim per Drawing #1.
 - a. **BE CAREFUL WHEN PLACING THE NEW CONCAVE SHAPED THUMB GUARD AROUND THE PLASTIC STAND-OFFS OF YOUR MAG WHEEL, AS IT MAY BREAK IF STRETCHED EXCESSIVELY.** TO ALLOW THE THUMB GUARD TO FIT PROPERLY, IT MAY BE NECESSARY TO BEND THE STAND-OFFS IN OR TO REMOVE A SMALL AMOUNT OF PLASTIC FROM THE OUTSIDE OF THE STAND-OFF OF YOUR MAG WHEEL TO MAKE ROOM FOR THE THUMB GUARD.
7. Make sure the mounting holes on the wheel match up with the rivet-nut holes for the oval handrim.
8. Using the NEW 2" screws and 1/8" spacers (**DO NOT USE YOUR OLD SPACERS AND SCREWS**):
 - a. Insert the (6) screws through the wheel, spacer and into the holes in the oval handrim.
 - b. LIGHTLY thread each screw into the rivet-nut to hold the new handrim assembly in place.
 - c. **DO NOT TIGHTEN DOWN! IT IS IMPORTANT TO INSTALL ALL SCREWS BEFORE TIGHTENING!**

NOTE: 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 SCREWS AND SPACERS SLIGHTLY SO THEY ALIGN WITH THE OVAL HANDRIM RIVET-NUT HOLES.

9. **MAKE SURE THE THUMB GUARD IS CENTERED AND EVENLY SPACED WITH RESPECT TO THE OVAL HANDRIM AND WHEEL.**
10. If it is, start to tighten the lock nuts using a **CRISS/CROSS PATTERN** until all have been secured.
11. **APPLY EVEN PRESSURE ON THE RIM TO INSURE A SNUG FIT AND TO PREVENT THE THUMB GUARD FROM SLIPPING AFTER INSTALLATION.**

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

12. Once all of the screws have been securely fastened, your new Natural-Fit Handrim is ready to use and the wheel assembly can now be put back on your wheelchair.

Drawing# 1

