



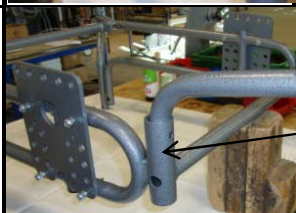

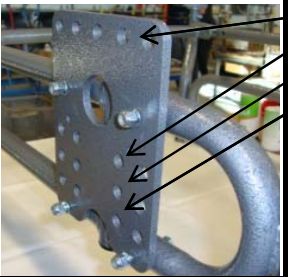






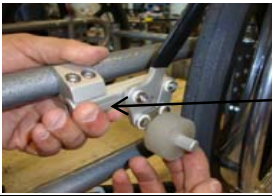

Instruction: Mag Wheel Conversion - Elite Version II (Skyway Mag Wheels)

Approval: P. McTaggart

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| Step | Tools | Qty | Hardware | Qty | Broda Part | Execution | Figures |
|---------------|-----------------|-----|---|-----|----------------------|--|---|
| Step 1 | 5/32" Allen Key | | | | | Remove both of the MDLC Pedals and the Hex Rod. |  <p>MDLC Pedal Hex Rod (inside tube)</p> |
| Step 2 | 7/16" wrench | | | | | Remove both of the 6" Casters. |  |
| Step 3 | | 8 | 1/4"-20 x 1-3/4" Hex Cap Screws | | | Flip chair upside down & install Hex Cap Screws through the four holes located in the side rails of the base. |  |
| Step 4 | 7/16" wrench | 8 | | 2 | Wheel Mounting Plate | Install Wheel Mounting Plate over the four screws from Step 3 . Follow with Washers & Locknuts. Tighten fasteners from Step 3 & 4. |  |
| Step 5 | 7/16" wrench | 2 | *1/4"-20 x 1-3/4" Hex Cap Screws *1/4" Split Lock Washers *1/4" Nylon Insert Locknuts | 2 | Elite V2 Anti-Tipper | Install an Anti-Tipper into each of the empty caster posts with the small black wheel trailing behind the chair. Secure each Anti-Tipper with a Hex Cap Screw, washer then locknut. Tighten fasteners. |  <p>Caster Post</p> |

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|----------------|--|---|---|---|---------------------------|---|---|
| Step 6 | | 2 | 5/8" Flat Washer | 2 | Mag Wheel Sleeve | <p>Install a Mag Wheel Sleeve through the bearing of each Mag Wheel with the large end of the Sleeve opposite to the handrims. Set aside until Step 8 .Note: for 14" Mag Wheels, add a washer per sleeve before installing it on the Mag Wheel. Occasionally 22" and 24" Mag Wheels will also require extra washers if there is unwanted play in the Mag Wheels.</p> |  |
| Step 7 | | 2 | 7/16"-20 x 3-1/2" Long Hex Cap Screws | | | <p>Insert a Hex Cap Screw in the appropriate axle hole on the Wheel Mounting Plate. The Hex Cap Screw should be installed from the inside of the frame outwards. Test that the fasteners are not too tight by spinning the Mag Wheel, it should spin freely at this point. Note: If using 14" Mag Wheels, this process must be reversed (i.e. the Hex Cap Screw should be installed from the outside-in).</p> |  |
| Step 8 | 5/8" Wrench | 2 | 7/16" Flat Washers 7/16" Nylon Insert Locknuts | 2 | Mag Wheel Hub Cap | <p>With handrims facing outward, install the Mag Wheels from Step 6 , complete with hardware, over the Hex Cap Screw installed in Step 7. Follow with washers & locknuts. Tighten fasteners. Install Hub Cap on each side by aligning notches on inside of Hub Cap with notches on Hub; press and twist to lock in place.</p> |  |
| Step 9 | *Large Mallet *Flat head Screwdriver *Hammer | | | 2 | Anti-Tip Spacer Ring | <p>Flip base over onto its wheels. Insert a plastic Anti-Tip Spacer Ring into the open end of each caster post. Using the mallet, drive the Ring down as far as possible; then, using a Slotted Screw Driver & Hammer, drive the ring down further yet, until it fits snugly over the top of Anti-Tipper.</p> |  |
| Step 10 | Large Mallet | | | 2 | 1-1/4" Black Plastic Plug | <p>Using a Mallet, tap a 1-1/4" Plug into the top of each rear caster post to cover the exposed end of the tube.</p> |  |
| Step 11 | 5 mm Allen Key | | | 2 | Aluminum Wheel Lock Clamp | <p>On each side of the chair, install an Aluminum Wheel Lock Clamp on the upper side rail of the base frame. Note: If using 14" Mag Wheels, install clamp on lower side rail.</p> |  |

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| Step 12 | 5 mm Allen Key | | 2 | Wheel Lock | Place the Wheel Lock into the Aluminum Clamp and adjust so that the splined arm is 1" from the Mag Wheel when in the unlocked position. |  |
| Step 13 | 5 mm Allen Key | | | | With the Wheel Lock and Clamp parallel with the side rail, tighten the socket cap screws with the 5 mm Allen Key. |  |
| Step 14 | | | | | Test that the Mag Wheels and components have been installed correctly before use. Check that the Mag Wheels roll without obstruction when unlocked. Also check that the locks are close enough to bring the Mag Wheels to a halt when in "locked" mode. | |

Splined Arm

| Hardware List | | |
|---------------|-----|---------------------------------------|
| Check | QTY | ITEM |
| | 10 | 1/4"-20 X 1-3/4" Hex Cap Screws |
| | 10 | 1/4" Split Lock Washer |
| | 10 | 1/4" Nylon Insert Locknuts |
| | 4 | 5/8" Flat Washer |
| | 2 | 7/16"-20 X 3-1/2" Long Hex Cap Screws |
| | 2 | 7/16" Flat Washers |
| | 2 | 7/16" Nylon Insert Locknuts |