

Parts Required:

- ITM Mag Wheels (*size specific*)
- Brakes
- Mounting Plates
- Anti Tippers
- Hardware

Tools Used:

- $\frac{5}{32}$ " Allen key
- $\frac{7}{16}$ " Wrench
- $\frac{5}{8}$ " Wrench
- Large Mallet
- Flathead Screwdriver
- Hammer
- 5 mm Allen Key



Step 1:

Remove both of the MDLC Pedals and the control rod.



Step 2:

Remove both the 6" directional lock casters.



Step 3:

Install Hex Cap Screws through the four holes located in the side rails of the base. (*Screws should be mounted from the inside out*).



Step 4:

Install Wheel Mounting Plate over the four screws from **Step 3**. Follow with Washers & Locknuts. Tighten fasteners from **Step 3 & 4**.



Step 5:

Install an anti-tipper into each of the empty caster posts with the small black wheel trailing behind the chair. Secure each antitipper with a hex cap screw, washer then locknut. Tighten fasteners.



Step 6:

Add a washer per sleeve, before installing a mag wheel sleeve through the bearing of each Mag Wheel. The large end of the Sleeve should be opposite to the handrims. Set aside until **Step 8**.



Step 7:

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.

Note: If using 14" Mag Wheels, this process must be reversed (i.e. the Hex Cap Screw should be installed from the outside-in).



Step 8:

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 and locknuts. Tighten fasteners. *(Test that fasteners are not too tight by spinning the mag wheel, it should spin freely at this point.)* Install bub sap on each side by aligning notches on inside of hub cap with notches on hub; press and twist to lock in place.



Step 9:

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 and hammer, drive the ring down further yet, until it fits snugly over the top of antitipper.



Step 10:

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.



Step 11:

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).**



Step 12:

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:

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.

For more information:

Please contact Broda Customer Care at 1-800-668-0637