

Instructions for using the Seating Dynamics back-cane "Saw & Drill Jig"
to
Prepare back-canes for installation on to our Dynamic Rocker Back
This product is intended to be used only by qualified technicians.

You may also watch a video version of this on YouTube™

If you are installing a DRBi on to a wheelchair that was not ordered to be used with a DRBi, you will need to shorten the back-canes and drill new cross holes to bolt through upon installation to the DRBi.

Original back-canes will be approximately 4" to 7" longer than required to achieve the desired back height. This tool will insure that the saw cut to shorten the tube is square and the newly drilled mounting holes are the correct size and in the correct location.



Works with the following size back canes:

- 7/8" Ø
- 1" Ø

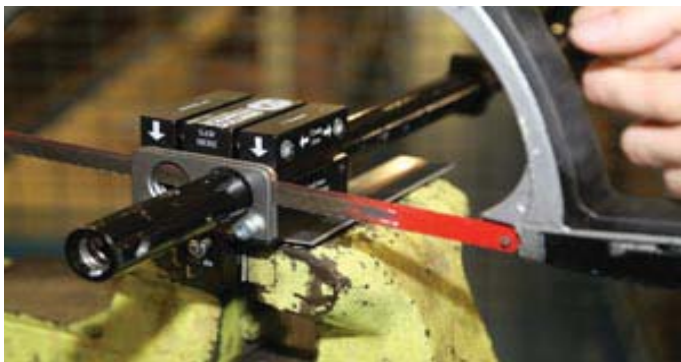
Tools Required:

- Tape measure or scale
- 5mm Hex Key
- 3mm Hex Key
- Hack Saw
- Electric drill
- Cutting Oil or WD-40
- File & Deburr tool

- 1** Clamp the Saw / Drill Jig into a vise.
- 2** Insert the back-cane into the Jig from the end opposite of the "Saw Here" end, into either the hole marked 7/8" or 1" Diameter.
- 3** Measure from the Jig face marked "Saw Here" to the end of the tube, the amount that you want to shorten the cane, + 1/8".
- 4** Using a level, align the back-cane push handle so that it is parallel to the jig face marked "Clamp Here".
- 5** Using the 5mm Hex Key, clamp the back-cane into the drill jig. Tighten both "Clamp Here" screws so that the back-cane does not rotate, no need to over tighten.
- 6** Using the hack saw, cut the back-canes to length.



Steps 1 - 5



Step 6



Step 6 after cutting

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Using your electric drill and the included 1/4" drill, apply a small amount of cutting oil to the drill bit. Drill through both walls of the back-cane tube at each of the 2 indicated locations.



Step 7



8

Loosen both clamp screws in preparation for removal of the back-cane from the Jig.



Step 8



9

Prior to removal, push the back-cane so that the saw cut end protrudes out of the "Saw Here" end to debur the saw cut. Using your debur tool and file, remove the burrs from the ID and OD of the tube and wipe all surfaces clean.



Step 9



Remove the back-cane from the Jig. Clean the jig to remove chips, filings and oil.



Step 10

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The back-cane(s) are now ready for installation on to the Seating Dynamics DRBi using the hardware supplied with the DRBi.

After removing the back-cane, clean the Jig, removing all metal filings and chips from drilling and wipe clean. This will prolong the life of your Jig by not pulling metal filings through the Jig which will eventually cause wear and damage to the Jig.