



Stainless Steel Eccentric Assembly Instructions

Here's your 3D printed Stainless Steel eccentric assembly - only from i3DGear! You may have ordered this with or without the plastic drive wheel. If you also ordered the drive wheel, make sure you put a light layer of grease on the inside of the wheel to lubricate its rotation on the eccentric cam assembly.

The regular Autohelm pin that goes through the shaft and lever is a 1.5mm stainless steel roll pin. You've also been supplied with a 1/16" solid stainless steel pin which is a much stronger solution (recommended). Follow these instructions carefully to insert the pin back into your own lever or an i3DGear lever. It can be a challenging process.

Please watch the 4 minute lever installation video on the **Support** page of i3DGear.com

- 1) Press or lightly tap the lever onto the shaft carefully until the edge of the lever is flush with the end of the shaft.
- 2) Align the pin hole in the lever with the shaft hole.
- 3) To determine if it is lined up, insert a thin piece of wire or paper clip through the hole and feel the edges of the hole with the wire until it is aligned perfectly. Pry the lever out with a kitchen knife if it is too far on the shaft.
- 4) It's recommended you use the solid stainless steel pin that is supplied, it's a much stronger solution. In any event the method is the same.
- 5) If you are using the roll pin, pinch one end of it with pliers to make it easier to go through the shaft hole. Insert the pointed end of the pin into the lever first.
- 6) Use a pair of pliers (channel lock pliers are best) on one side on the pin and the other on the other side of the lever.
- 7) Carefully apply force directing the pin straight through the hole. Go slowly and adjust the pliers frequently to make sure the pin is being pushed straight or it will bend.
- 8) If the pin is not going through easily, remove it and pinch the end of the pin to a point, make sure the hole is aligned perfectly and try again.
- 9) Press the pin through the shaft until it is flush with the outside of the lever.
- 10) If the pin is loose (especially with the 1/16" pin) put a slight bend in the pin and it will make it stay in the hole.

If you have any problems, please contact me.

Rick.

r.wallace@i3DGear.com