

# Assembly Instructions

*Riley Hopkins*<sup>™</sup>

**Laser Alignment Attachment**





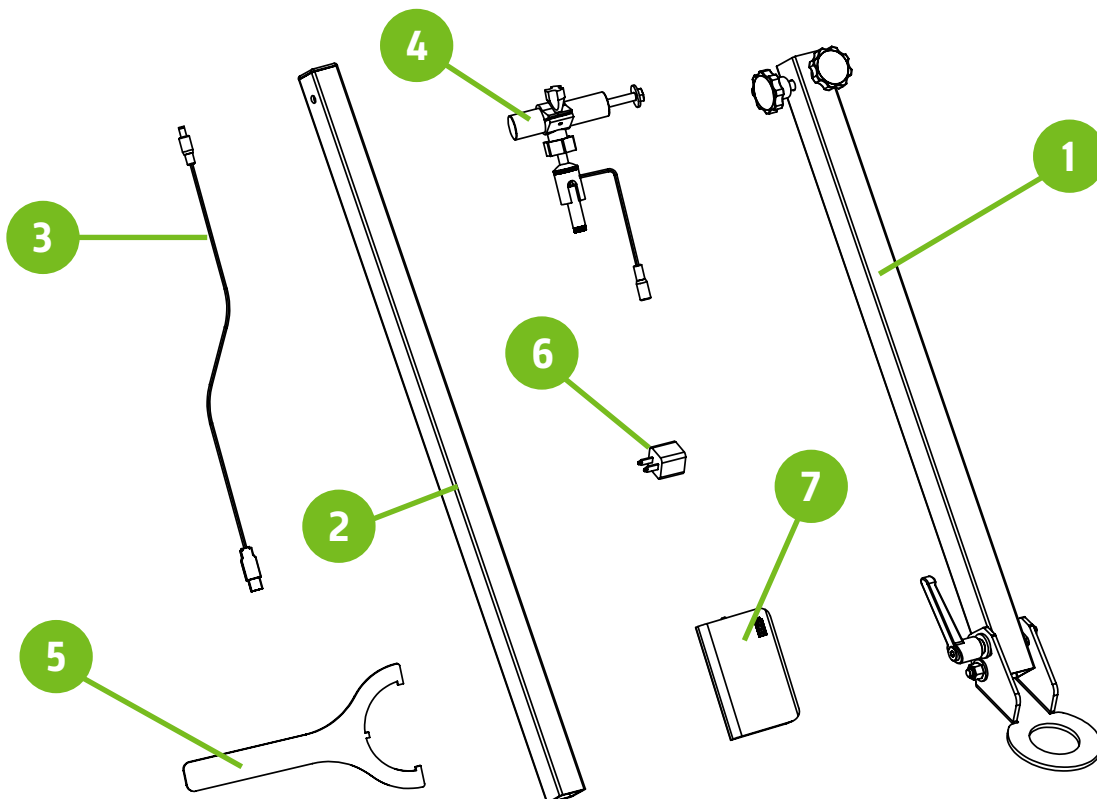


## Tools Required:

- One 1/2" wrench

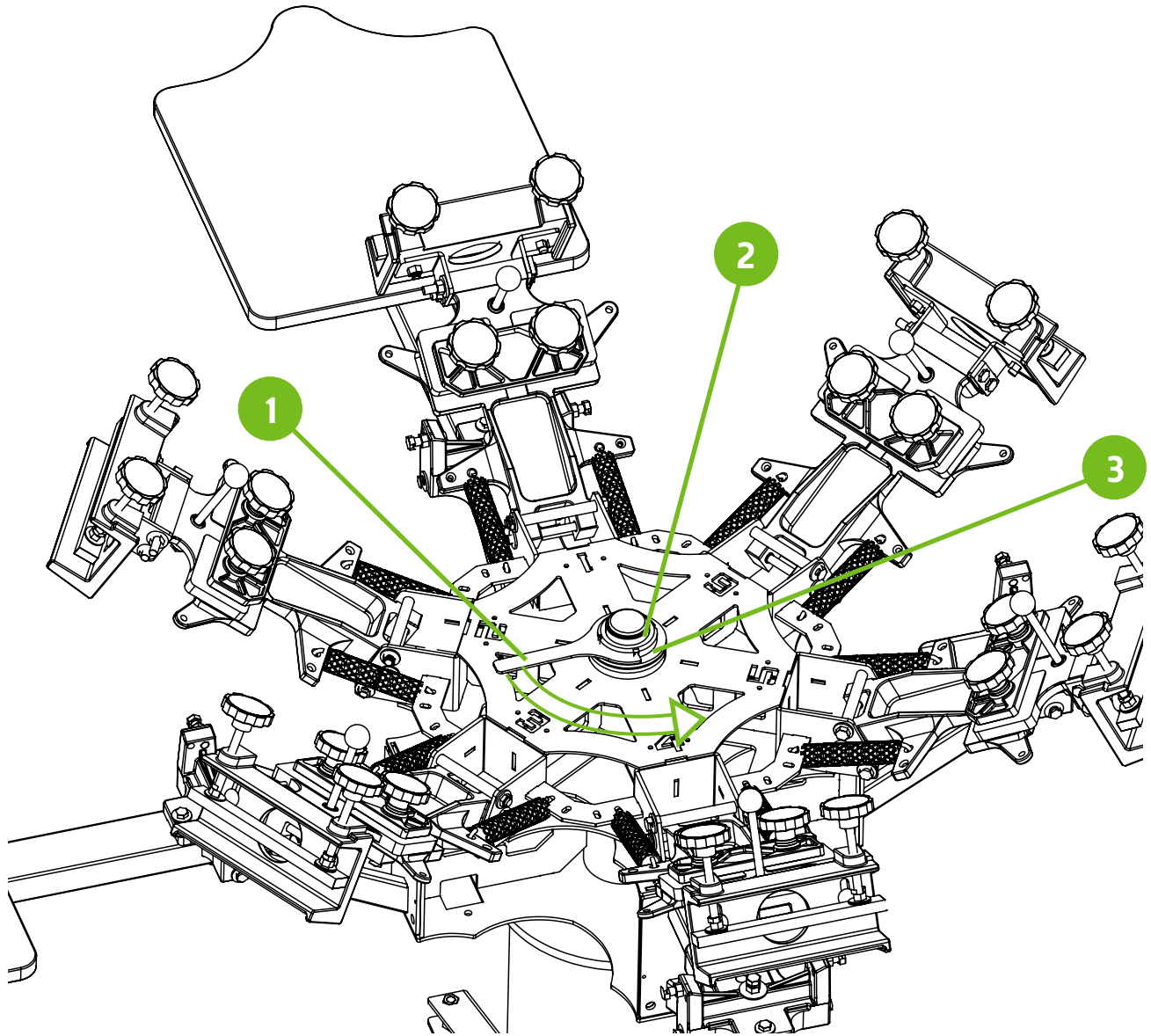
### What's in the box

Tag	Item	Qty.
1	Lower Pivoting Tube assembly	1 per unit
2	Upper telescoping tube	1 per unit
3	USB to DC power cord	1 per unit
4	Laser attachment	1 per unit
5	N10 nut spanner wrench	1 per unit
6	USB charging plug	1 per unit
7	Power supply with charging cable	1 per unit



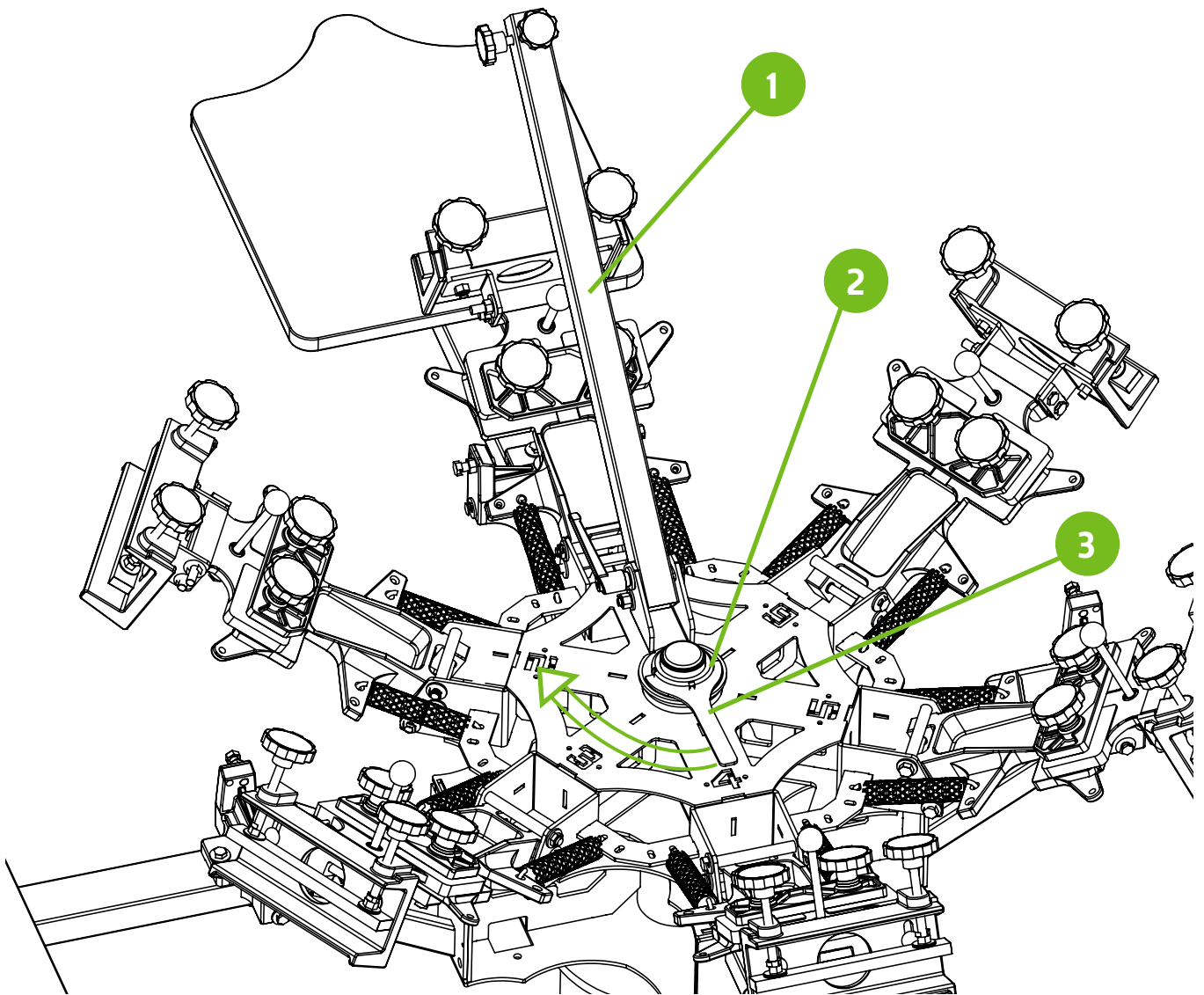
## Step 1

Use the supplied spanner wrench (1) to remove the top N10 nut (2).  
Remove the top washer (3) once the N10 nut is removed.



## Step 2

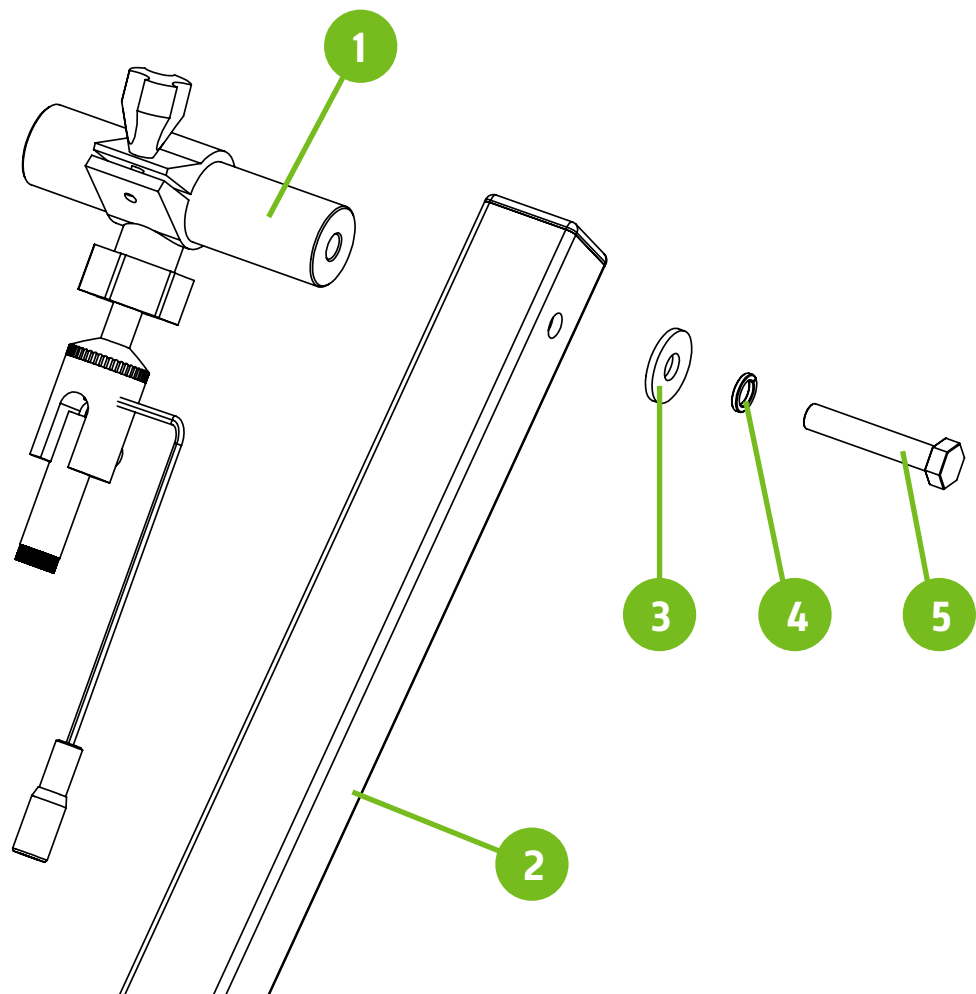
Install the Lower pivoting assembly (1) in place of the top washer removed from the previous step. Install the N10 nut (2) by hand to start to ensure that threads do not get damaged. Finally tighten the N10 nut with the supplied spanner wrench (3).



# Step 3

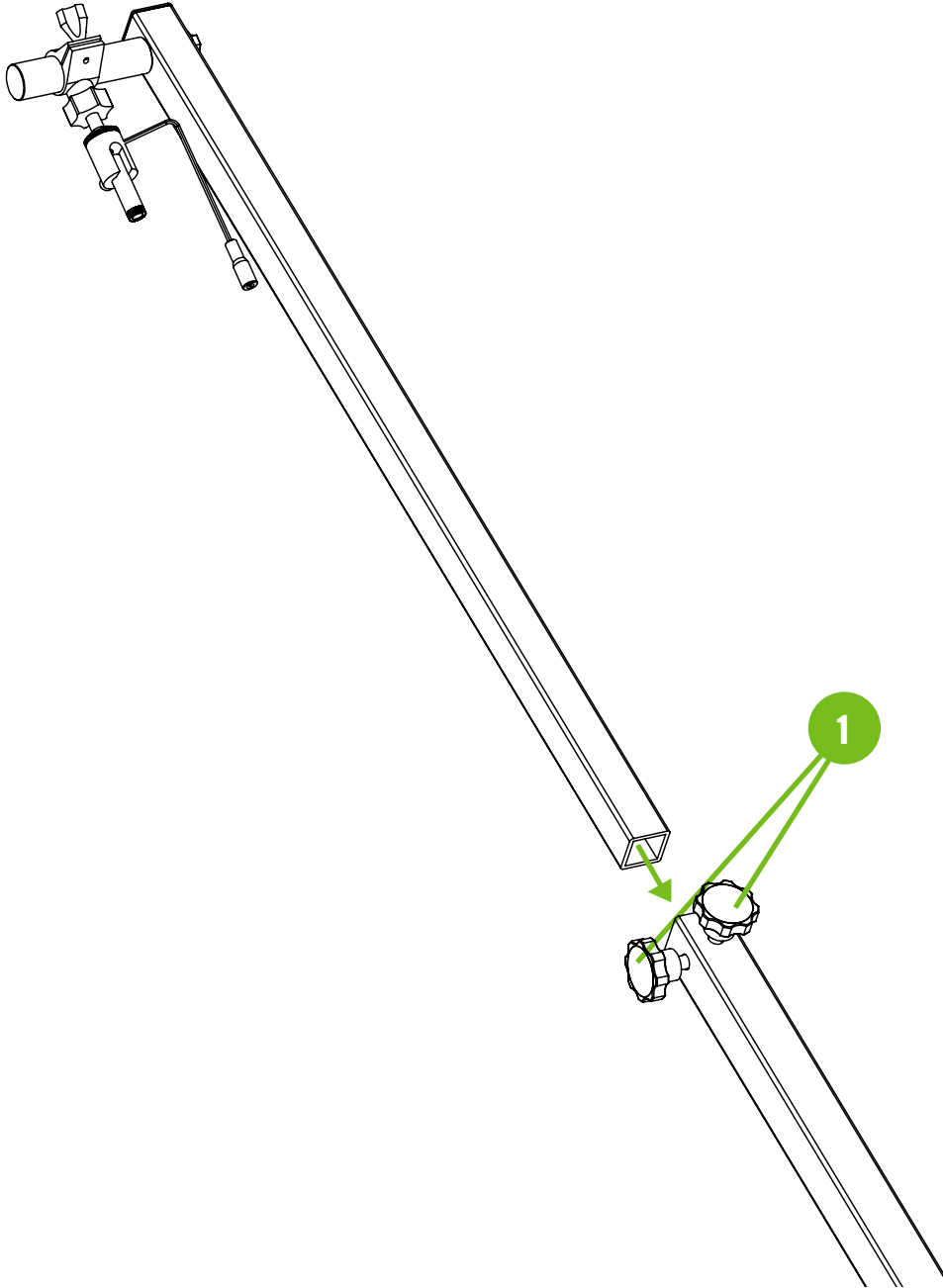
Install the Laser attachment with the supplied hardware to the upper telescoping tube. One 1/2" wrench is required for this step.

Tag	Name/ID	Description	Qty.
1	MFMS-RHLASPOST	Riley Laser Adjustment Side Post-Machined Aluminum	1
2	MFMS-RHLASRUPRTB	1-1/4" ALUMINUM SQUARE TUBING 31" long	1
3	PRHD-WA5/16USSGR5ZC	5/16 USS Flat Washer Zinc	1
4	PRHD-LWA5/16GR5ZC	5/16 Split Lockwasher	1
5	PRHD-HC5/16NC1-3/4GR5ZC	5/16-18 x 1-3/4 Hex Cap Screw Grade 5 Zinc	1



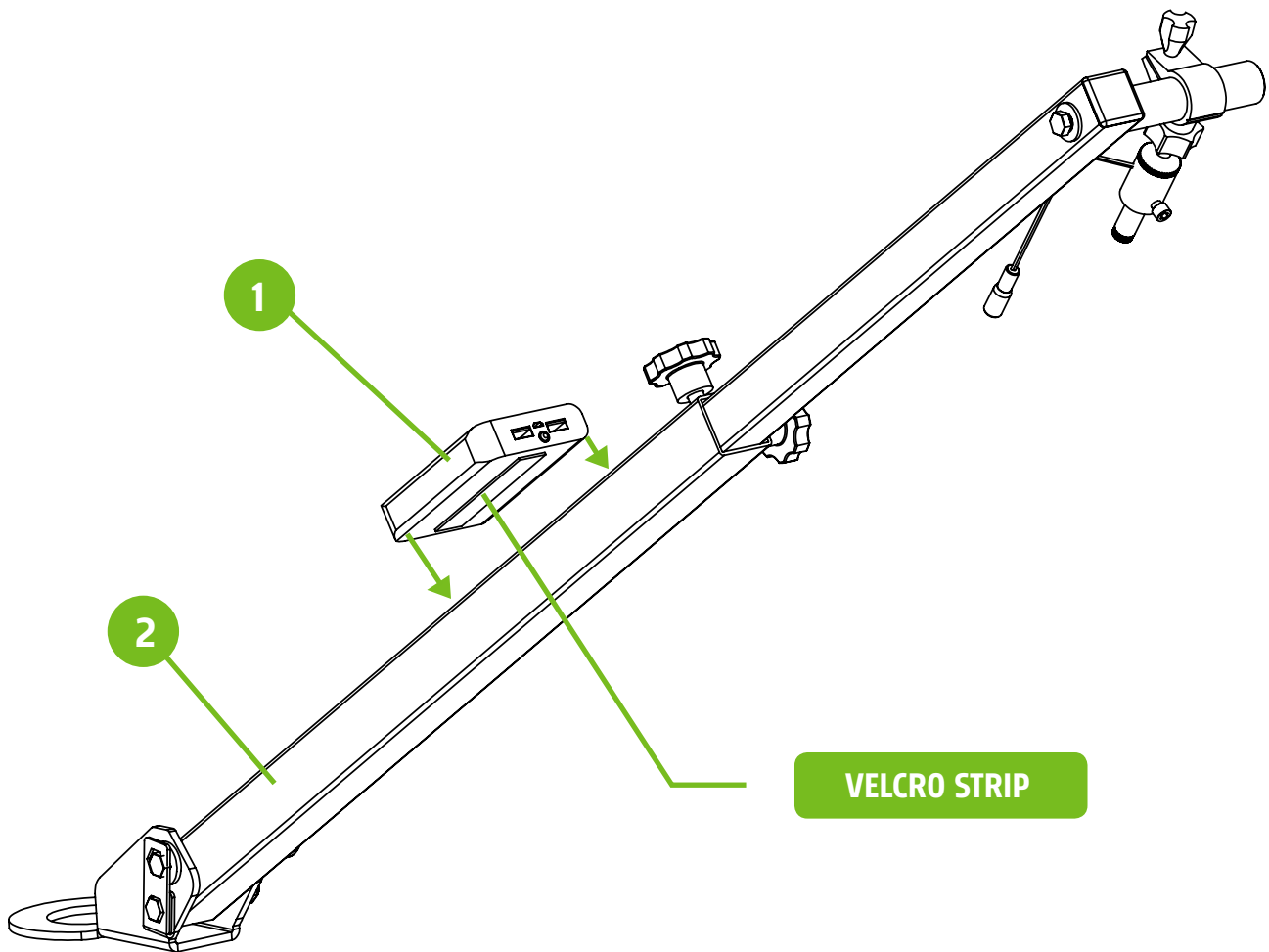
## Step 4

Loosen the lock-down knobs (1) and insert the upper telescoping tube into the lower pivoting tube assembly. Once the tube is installed, hold in place with the lock-down knobs.



## Step 5

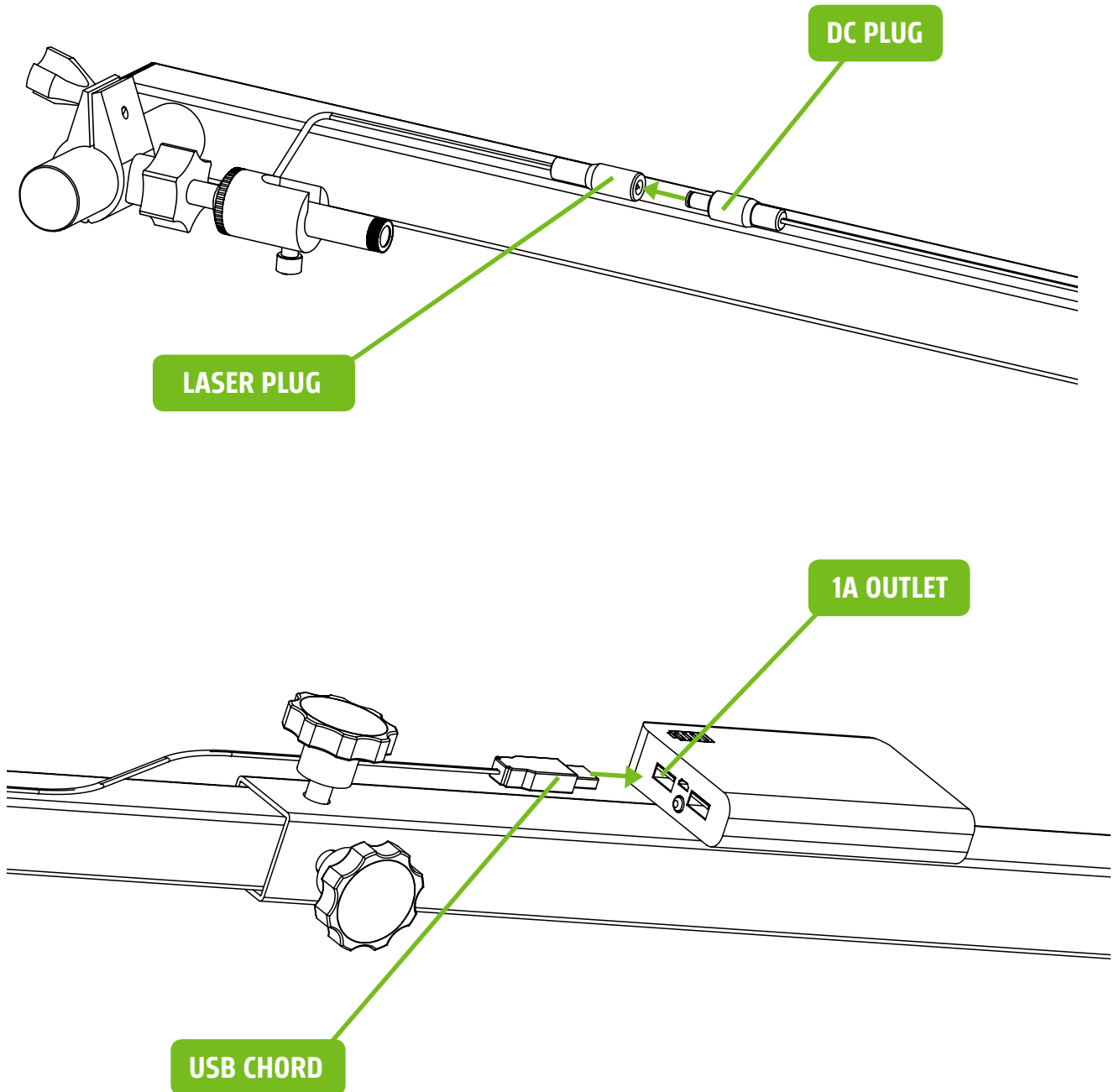
Install the power supply (1) to the lower pivoting tube assembly (2) with the supplied Velcro strip. This will allow you to remove the power supply to charge the unit.





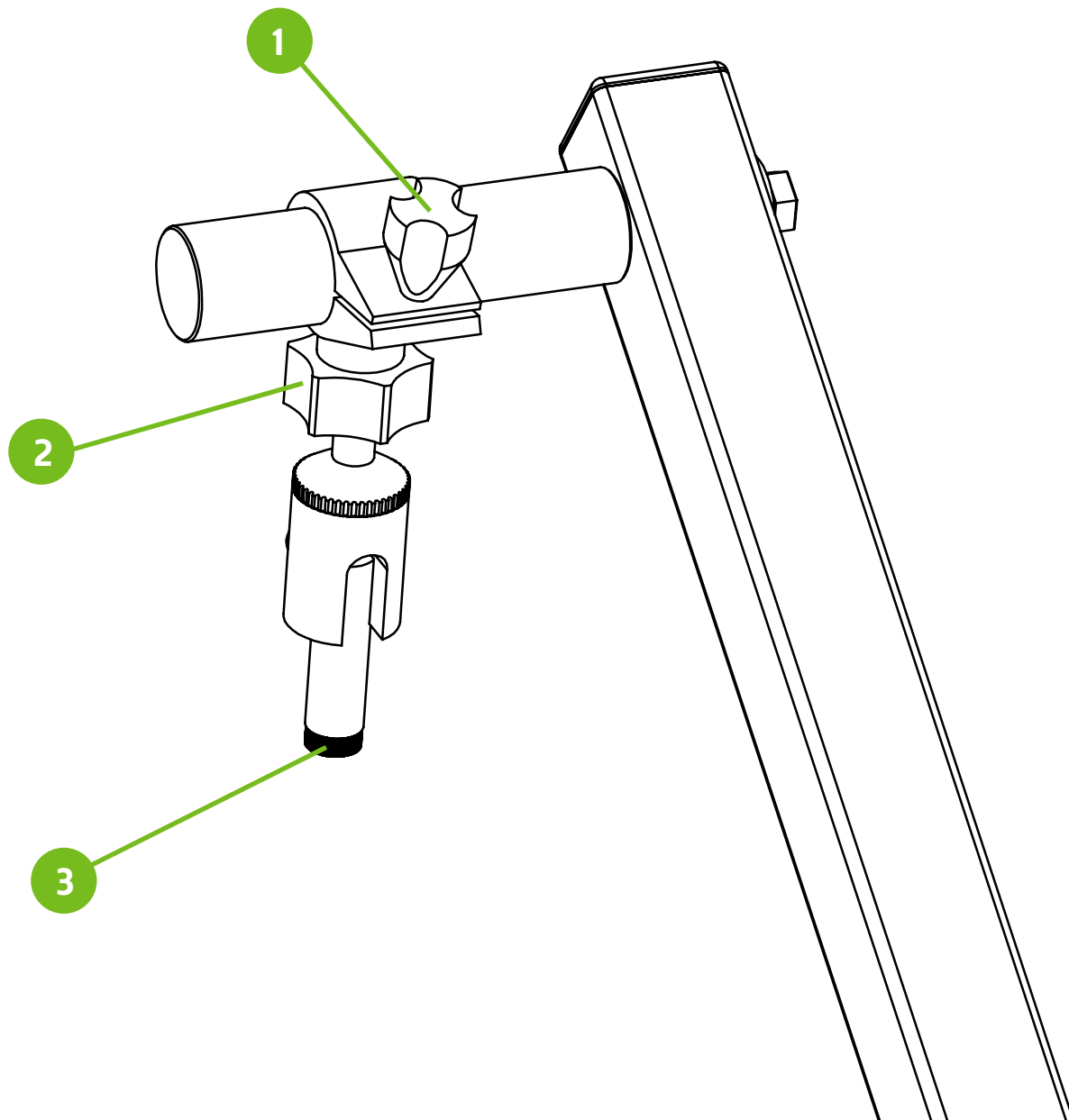
## Step 6

Insert the DC plug side of the power cord to the Laser plug. Next insert the USB side of the power cord into the power supplies 1 A outlet.



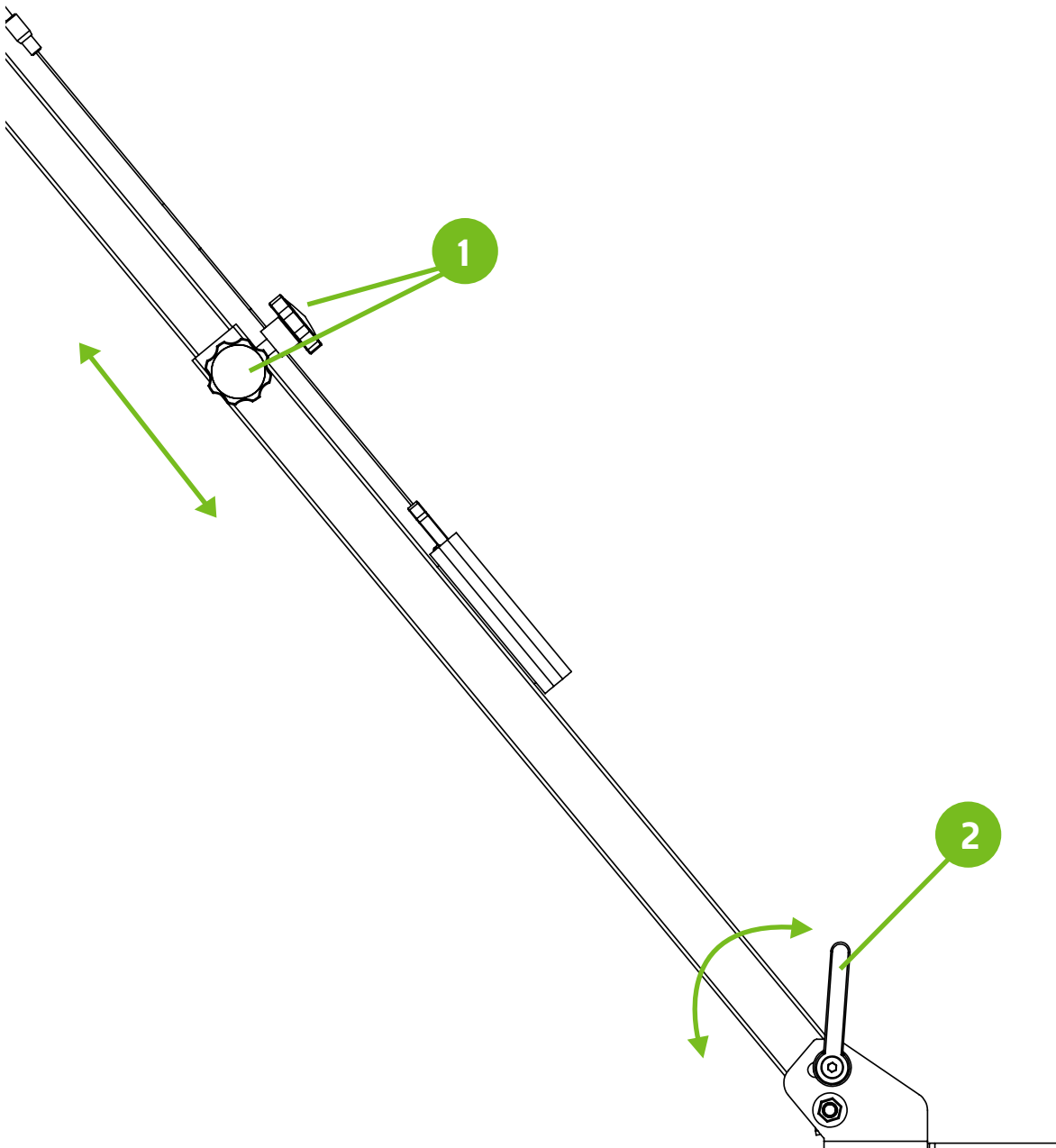
## Step 7

To adjust the clamp on the 1" post loosen knob (1) , move into desired location and retighten. To adjust the swivel of the laser holder loosen knob (2) , pivot into desired location and retighten. To adjust the focus of the laser cross hair use the end of the laser to get crisp line.



## Step 8

The upper tube is telescopic. To adjust the overall length of the assembly loosen the knobs (1) , adjust to the desired location and retighten. The lower tube assembly pivots up and down by loosening knob (2). Once it is at the desired angle, lock down the lever tightly.



## NOTES:

# POWERING THE PRINT