



Assembly Instructions

Riley **FLASH**

RILEY FLASH QUARTZ DRYER 18X18 | 18X24

FDQZ-18X18

FDQZ-18X24



Riley Hopkins®

PARTS LIST

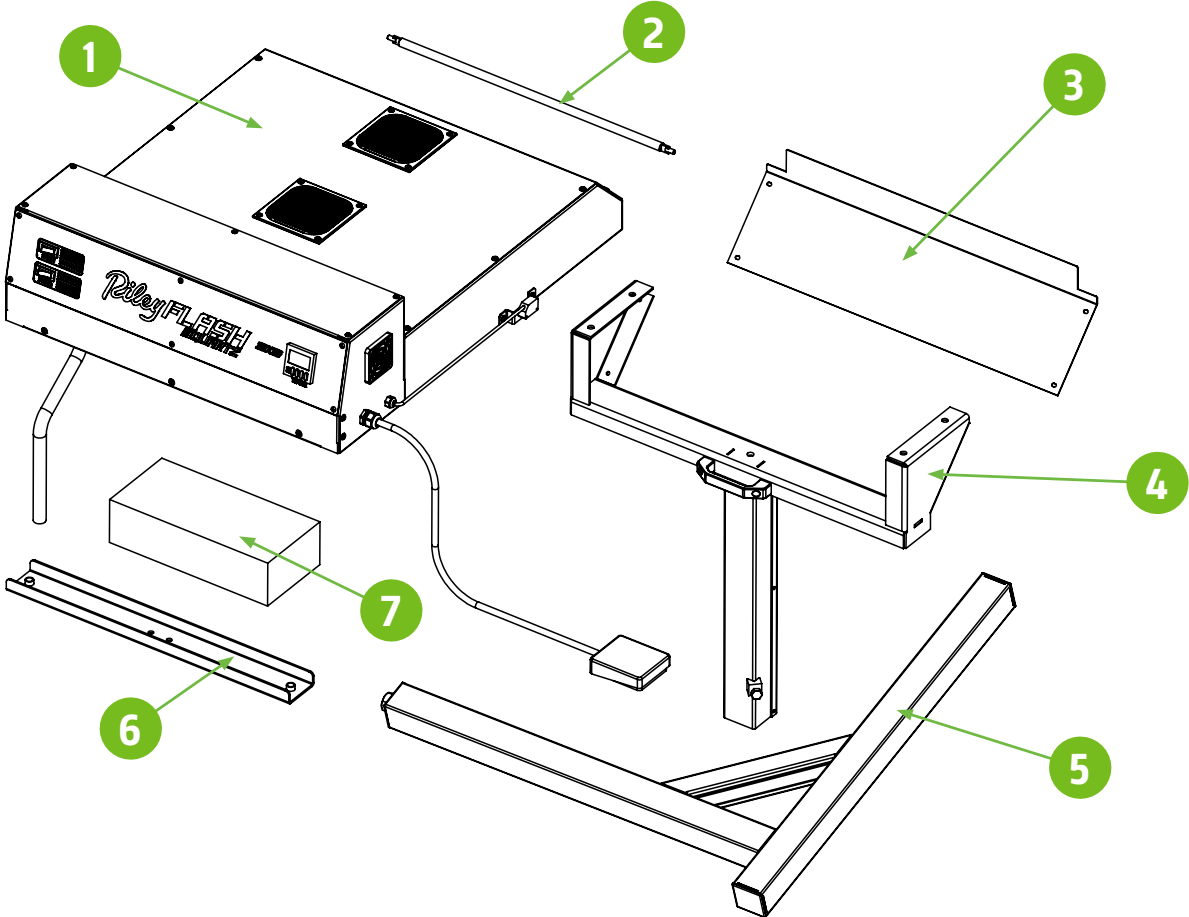
Tools Required

1/2" wrench • 9/16" wrench • 5/32" Allen wrench • Phillips screwdriver • Pliers

What's in the box

TAG	ITEM	QTY.
1	MAIN FLASH HOOD ASSEMBLY	1
2	18" QUARTZ 1300-WATT BULB	6 9
3	HEAT SHIELD PLATE	1
4	UPPER MOUNTING ASSEMBLY	1
5	LOWER BASE ASSEMBLY	1
6	LOWER BASE LEGS	2
7	HARDWARE KIT	1

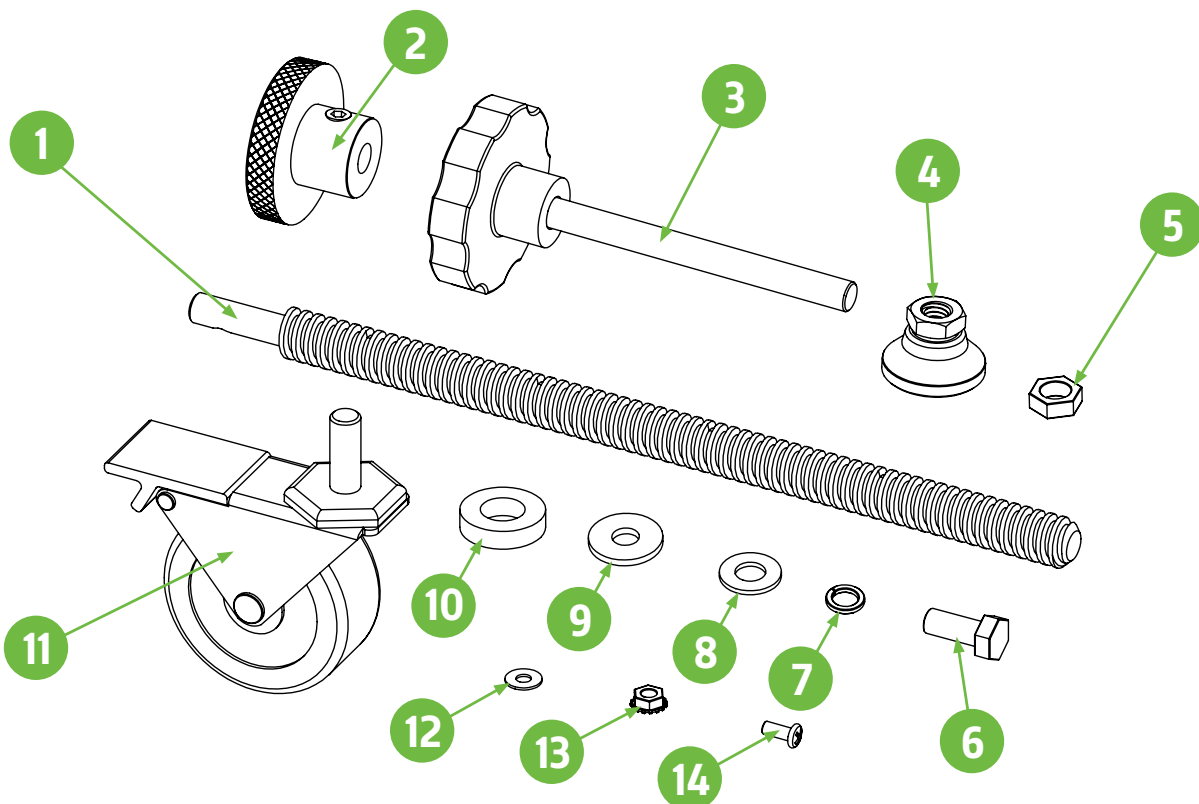
IMPORTANT: BE SURE ALL PARTS ARE ENCLOSED BEFORE ASSEMBLING.



What's in the hardware kit box

MFSA-QTZFL-KIT

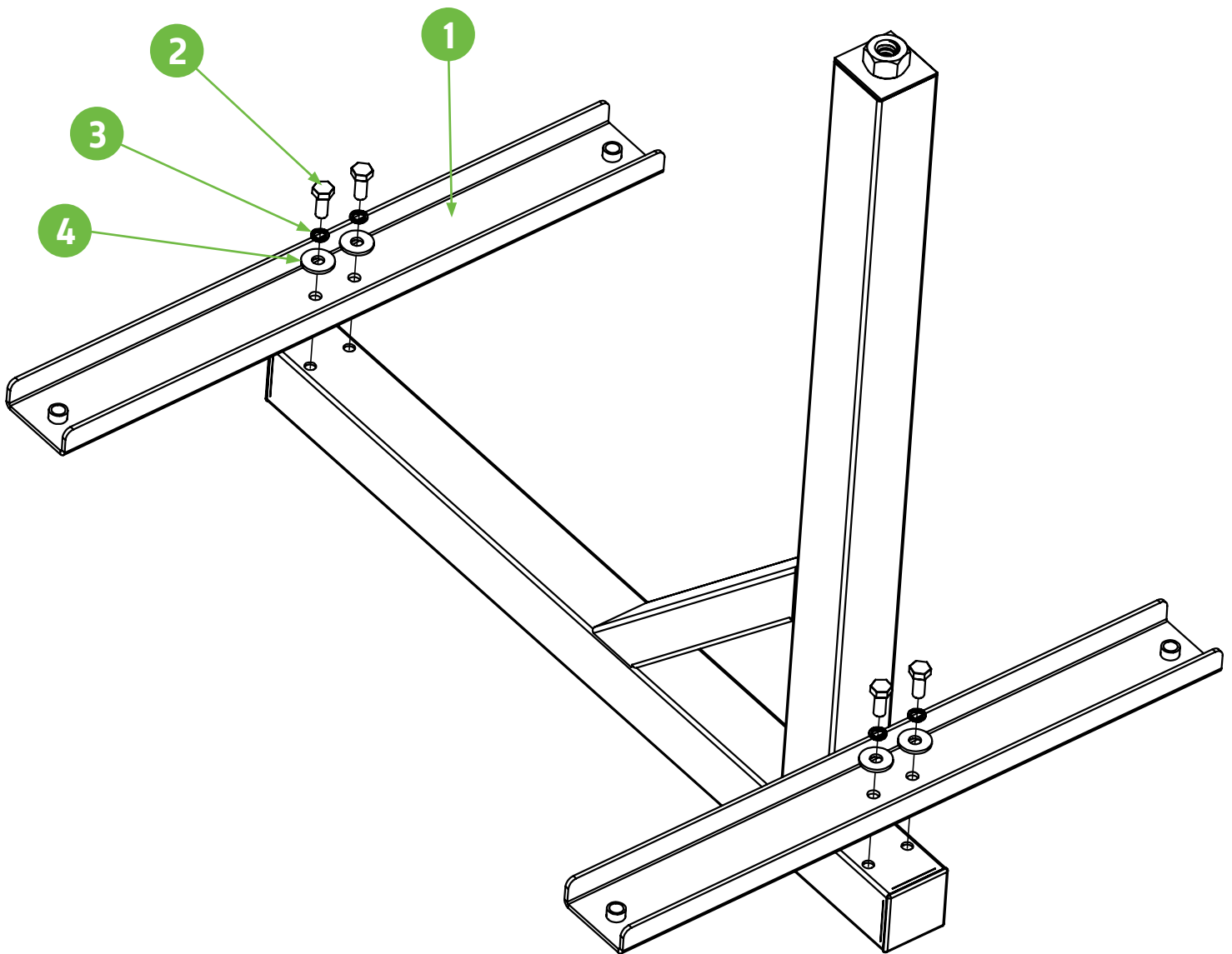
TAG	ITEM	DESCRIPTION	QTY.
1	MFMS-QTZLFTROD	RILEY HOPKINS QUARTZ FLASH MACHINED 5/8" ACME ROD	1
2	MFCO-KNBSTL3/8FML	BLACK-OXIDE STEEL KNURLED KNOB WITH SET SCREW	1
3	PRCO-KNBFLT3/8NC4ML	FLUTED CLAMP KNOBS 3/8-16 X 4" MALE STUD	2
4	MFCO-LF3/8FM	QUARTZ FLASH LEVELING FOOT	2
5	PRHD-JN3/8NCGR5ZC	3/8-16 HEX FINISH JAM NUT	2
6	PRHD-HC5/16NC3/4GR5ZC	5/16-18 X 3/4 HEX CAP SCREW	8
7	PRHD-LWA5/16ZC	5/16 Split Lock Washer	4
8	PRHD-WA3/8SAENYLN	3/8 X 7/8 Flat Washer Black Nylon - 1/16" Thick	2
9	PRHD-WA5/16USSGR5ZC	5/16 USS Flat Washer Zinc	10
10	MFCO-CSTRSPCR	Aluminum Spacer 3/4 OD x .382 ID x 1/4 Long	2
11	MFCO-CSTR2X3/8ML	Caster, Medium Duty 2" Wheel 3/8" Stud	2
12	PRHD-WA#10USSGR5ZC	#10 SAE Flat Washer Zinc	4
13	PRHD-KN#8NF	#8-32 Keps Nut	4
14	PRHD-SCM#8NF3/8	#8-32x3/8" Phillips Pan Head Machine Screw	4



STEP 1

Attach the legs **1** to the lower base. Use the provided 5/16" x 3/4" hex cap screws **2**, 5/16" lock washers **3**, & 5/16" flat washers **4** to attach the leg assemblies.

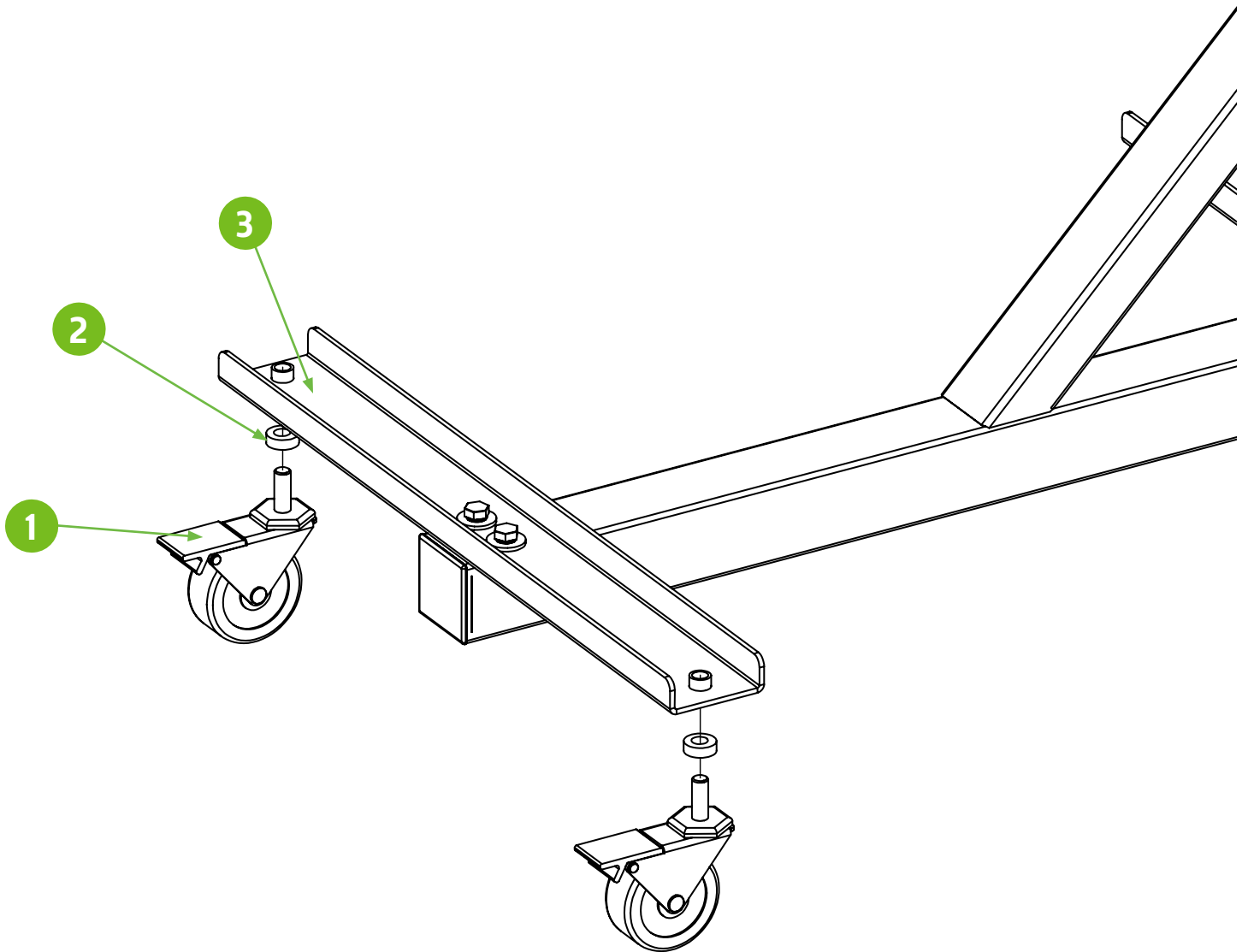
One 1/2" wrench is required for this step.



STEP 2

Attach the locking casters **1** & caster spacers **2** to the front leg crossbar **3**.

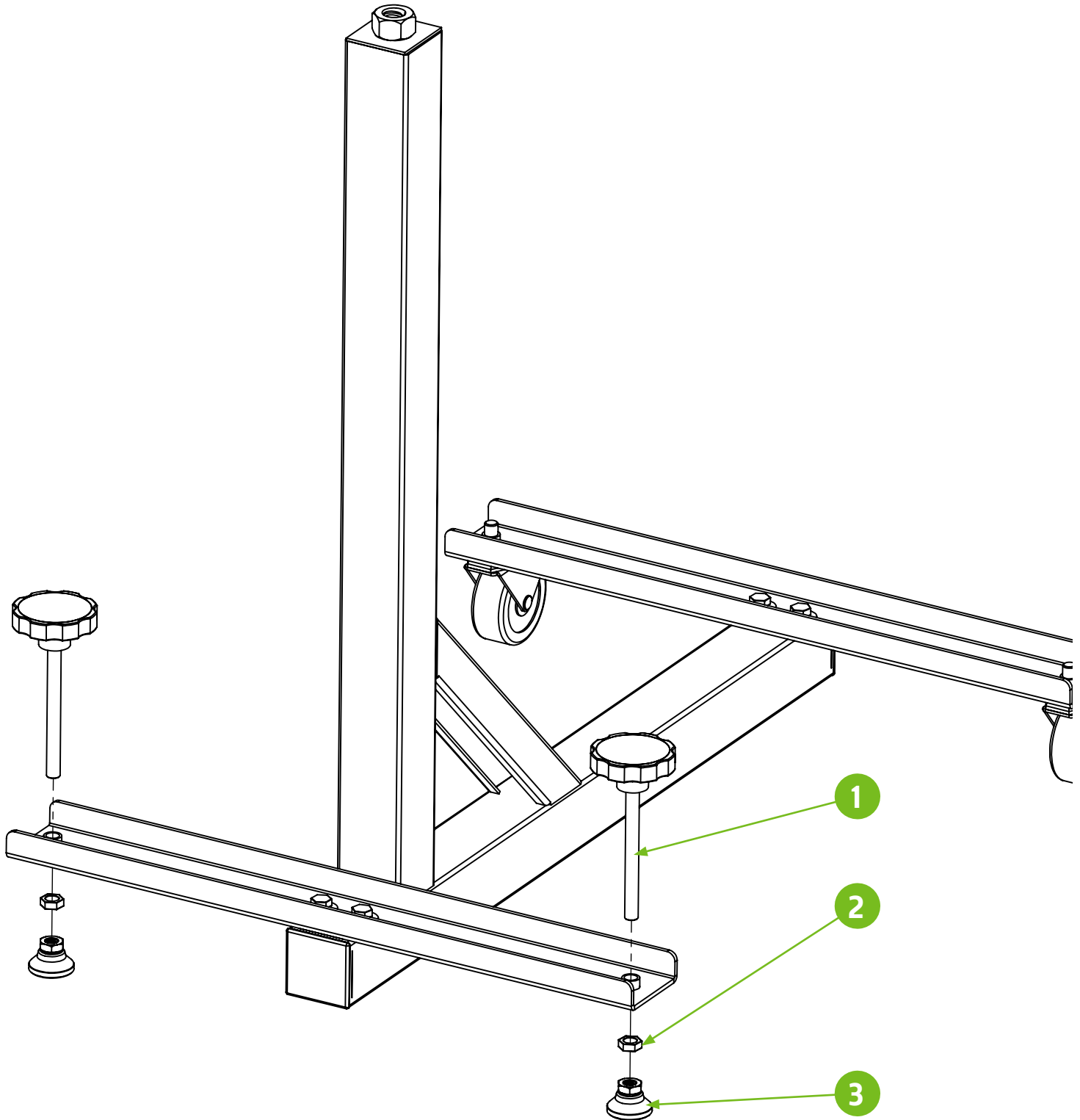
Pliers are required for this step.



STEP 3

Attach the leveling knobs **1**, 3/8" lock nut **2**, and leveling feet **3** to the rear leg crossbar.

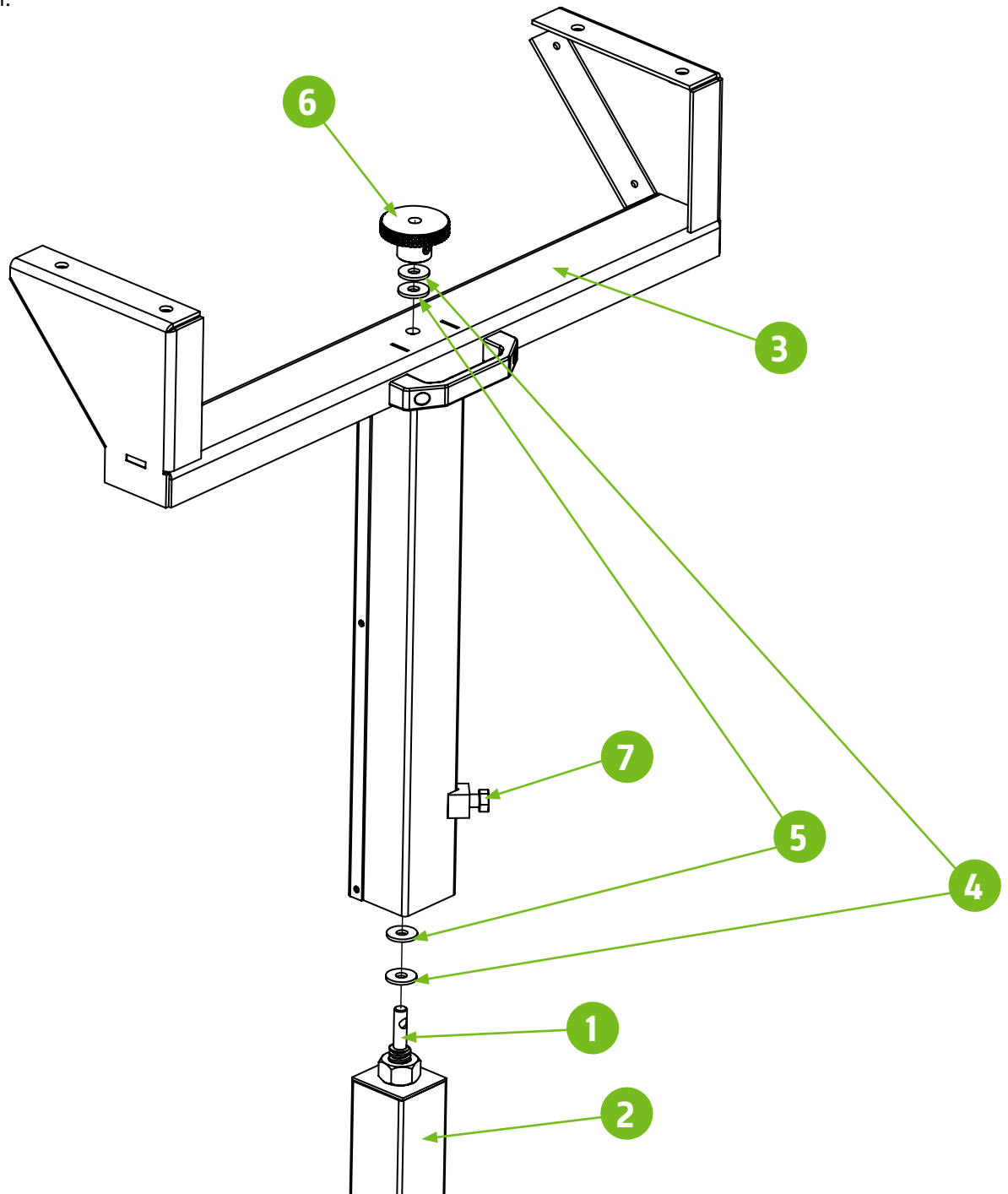
Use pliers to hold leveling foot in place while tightening locknut to foot with 9/16" wrench.



STEP 4

Install the lifting rod ① into the lower base ②. Next stack one 5/16" flat washer ④ & one 5/16" nylon washer ⑤ on top. Next lower the upper base assembly ③ onto the lower base assembly through the hole. Next stack one 5/16" nylon washer ⑤ & one 5/16" flat washer ④ on top of the lifting rod.

Next install the lifting knob ⑥ onto the lifting rod and align the set screw with the circular relief. Lock the knob to the lifting rod with a 5/32" Allen wrench. Lastly hand tighten the nylon tension bolt ⑦ to adjust the lifting tension.

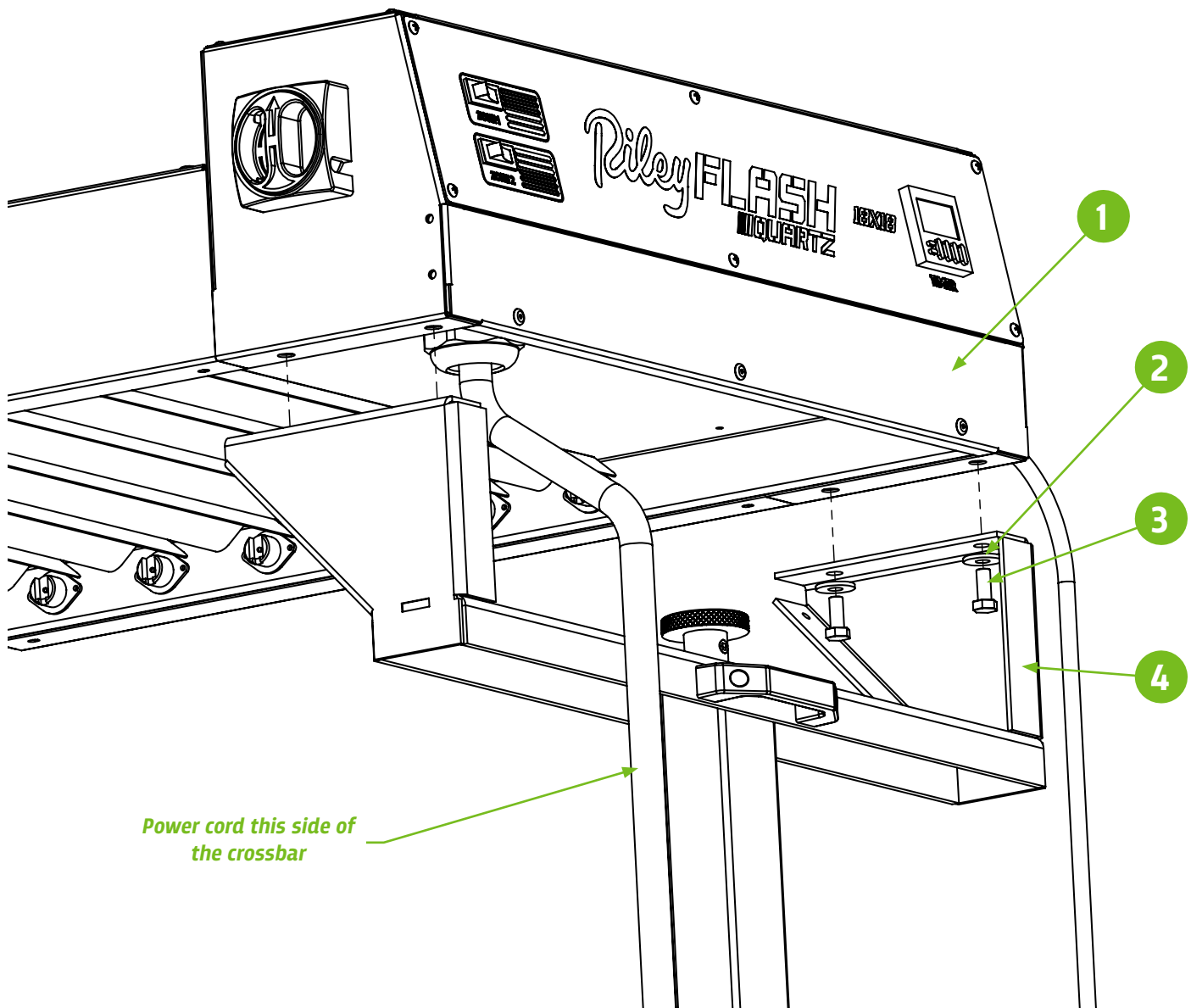


STEP 5

Install the main hood assembly **1** onto the upper mounting bracket **4**. Use the supplied 5/16" hex cap screws **3** and the 5/16" washers **2** to secure the unit.

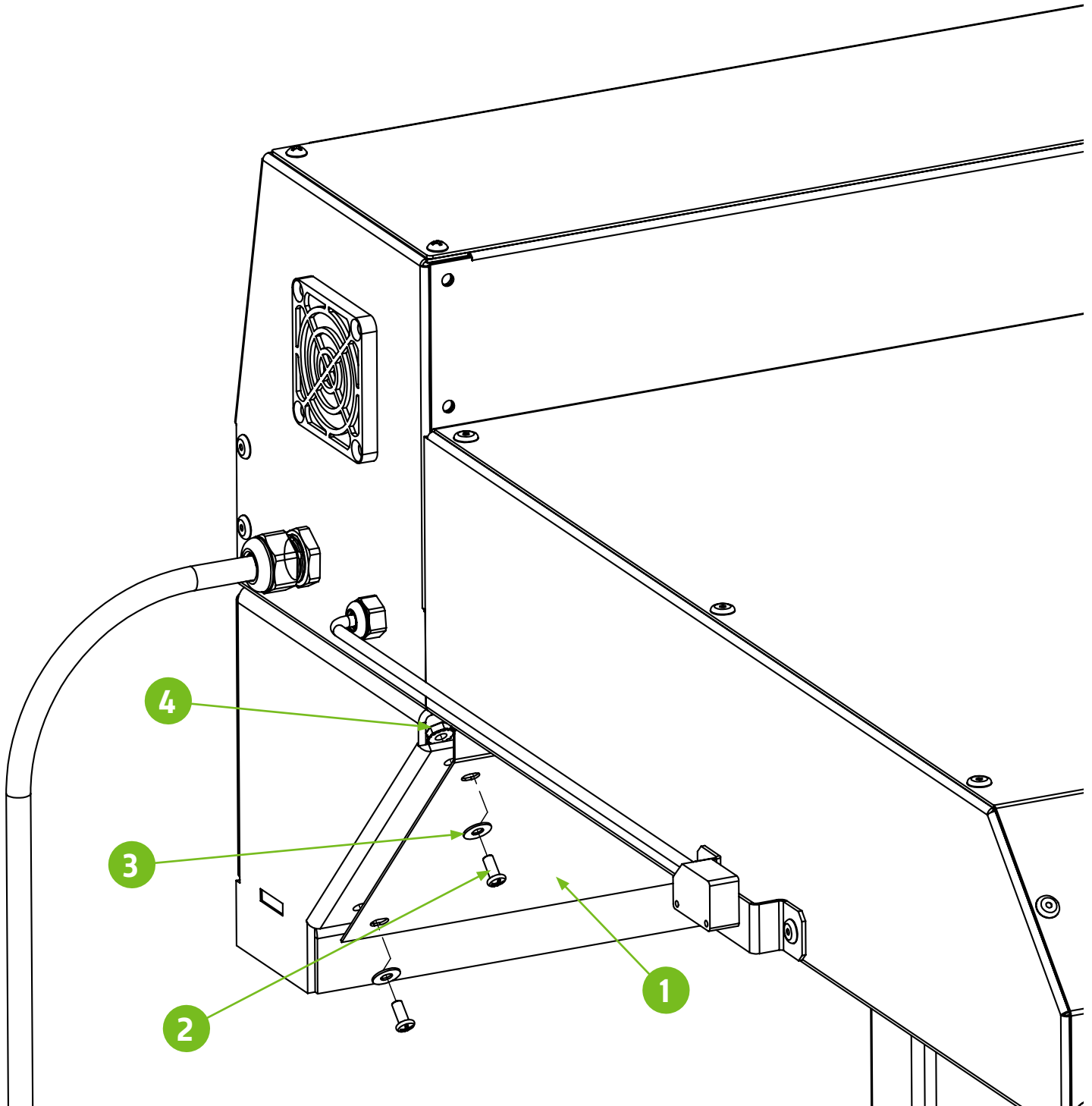
One 1/2" wrench is required for this step.

NOTE: Ensure the power cord is run across the rear of the mounting bracket as shown below.



STEP 6

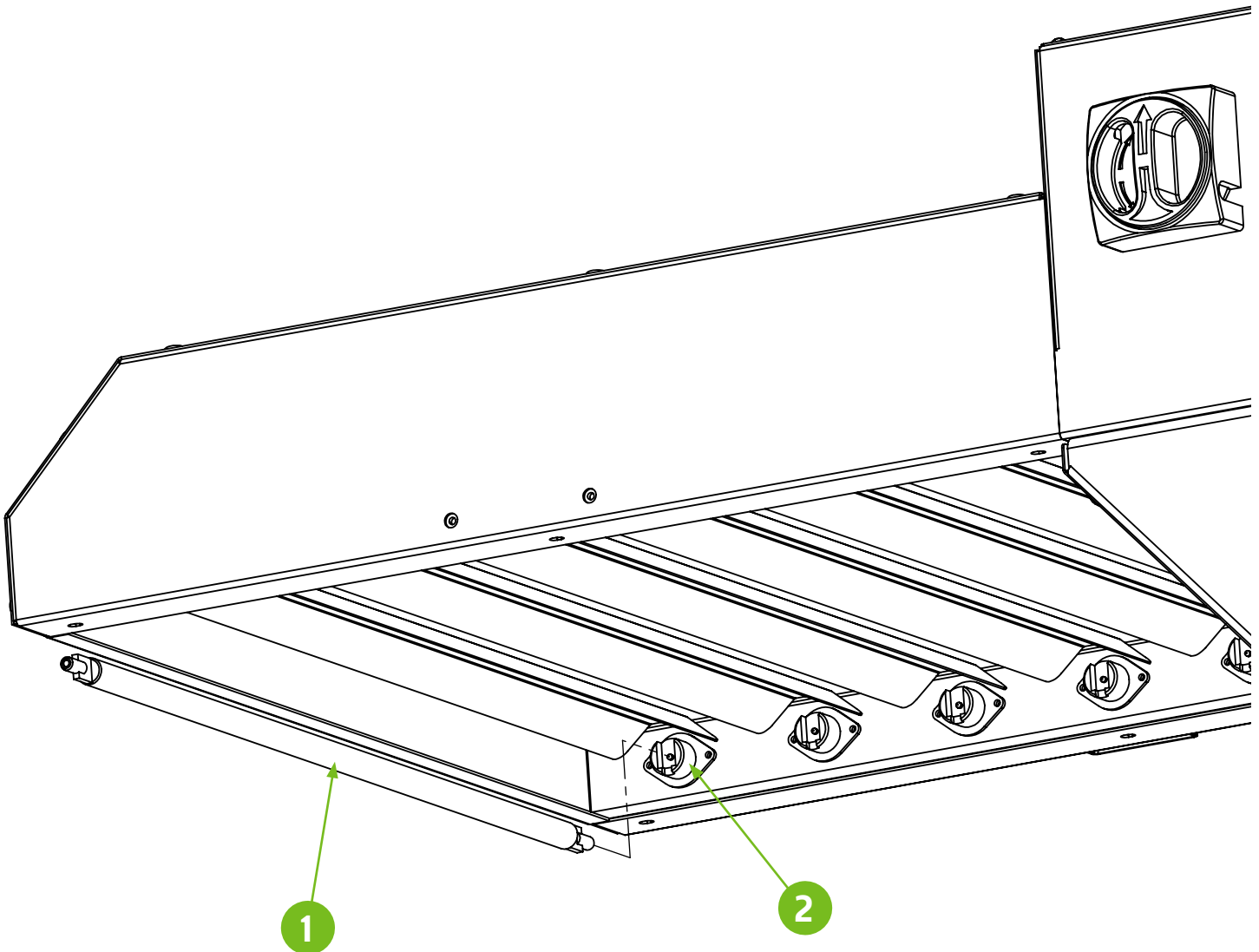
Install the heat shield **1** onto the front of the upper mounting bracket from the previous step. Use the supplied #8 screws **2**, washers **3**, & keps nuts **4** to secure the heat shield.



STEP 7

Install the 1300-watt quartz bulbs **1** into the spring-loaded bulb socket **2**. Start by installing into one side of the unit and rotate the other side into the opposite bulb socket. The bulbs can be installed in both directions. The 18x18 unit uses six bulbs, and the 18x24 unit uses nine bulbs.

NOTE: Avoid fingerprints directly on the bulb surface. Wear gloves or hold the bulbs at the ceramic ends during installation.



POWER REQUIREMENTS

FDQZ-18X18 POWER REQUIREMENTS

WATTS	VOLTS	AMPS	FREQUENCY	PHASE	ADVISED PLUG
6000/7800	208/240 VAC	28.8/32.5	50/60 HZ	1	NEMA L6-30/ NEMA 6-50P

FDQZ-18X24 POWER REQUIREMENTS

WATTS	VOLTS	AMPS	FREQUENCY	PHASE	ADVISED PLUG
9380/11700	208/240 VAC	45/49	50/60 HZ	1	NEMA 6-50P

/// WARNING ///

The quartz flash will not have a power cord end. Please ensure that you have a licensed electrician install the proper power connection based off the requirements listed above.

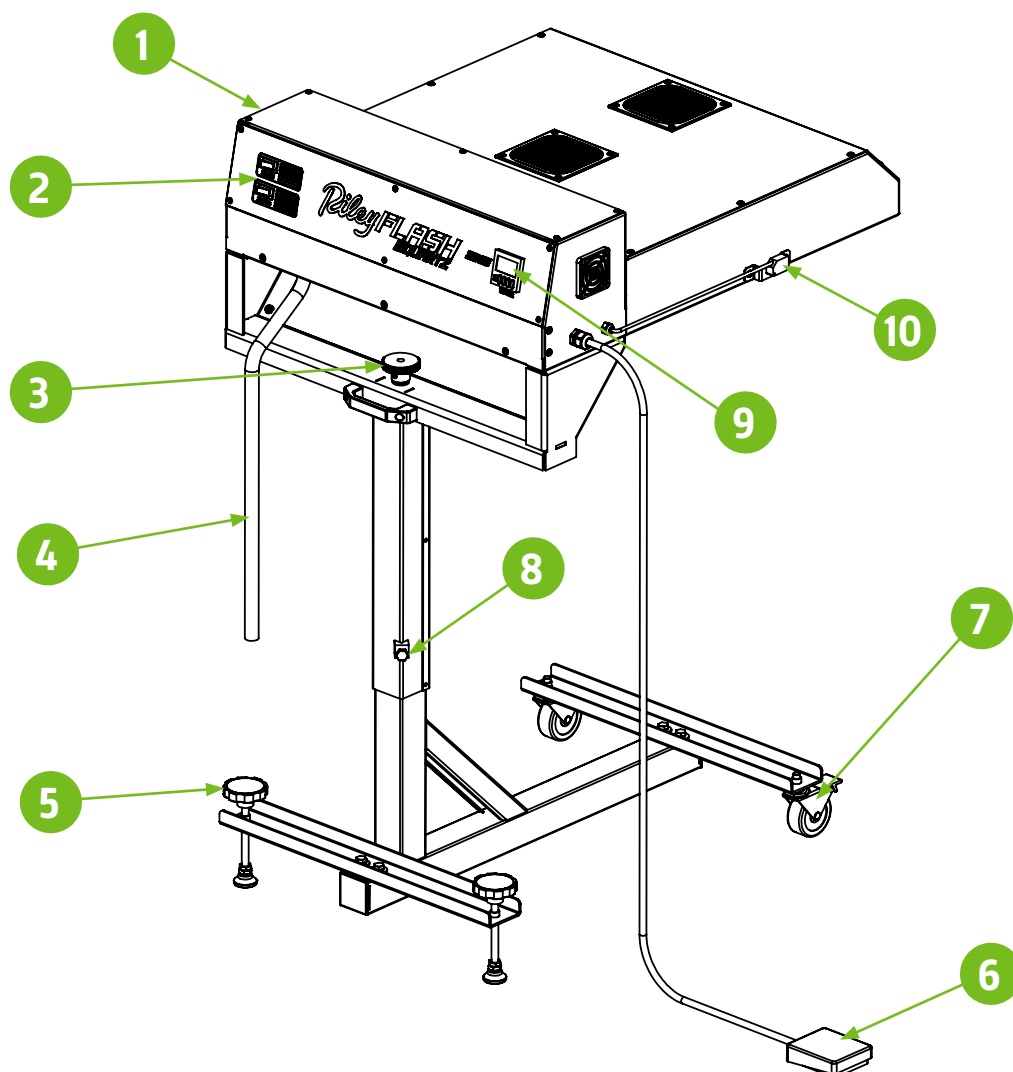
SEE DIAGRAM BELOW FOR POWER CORD LINES

CONNECTION TYPE	COLOR
PROTECTIVE EARTH (GROUND)	GREEN
1 PHASE L-1	BLACK
1 PHASE L-2	WHITE



FLASH QUARTZ DRYER 18X18 OVERVIEW

TAG	ITEM
1	MAIN POWER DISCONNECT SWITCH
2	BULB ZONE CONTROL SWITCHES (2 3)
3	HEIGHT ADJUSTMENT KNOB
4	MAIN POWER CABLE
5	REAR LEVELING FEET
6	FOOT PEDAL BULB ACTIVATION SWITCH
7	LOCKING SWIVEL CASTERS
8	NYLON UPPER MOUNTING TENSION BOLT
9	BULB TIMER (SEE NEXT PAGE FOR OVERVIEW)
10	MOTION SENSOR BULB ACTIVATION SWITCH

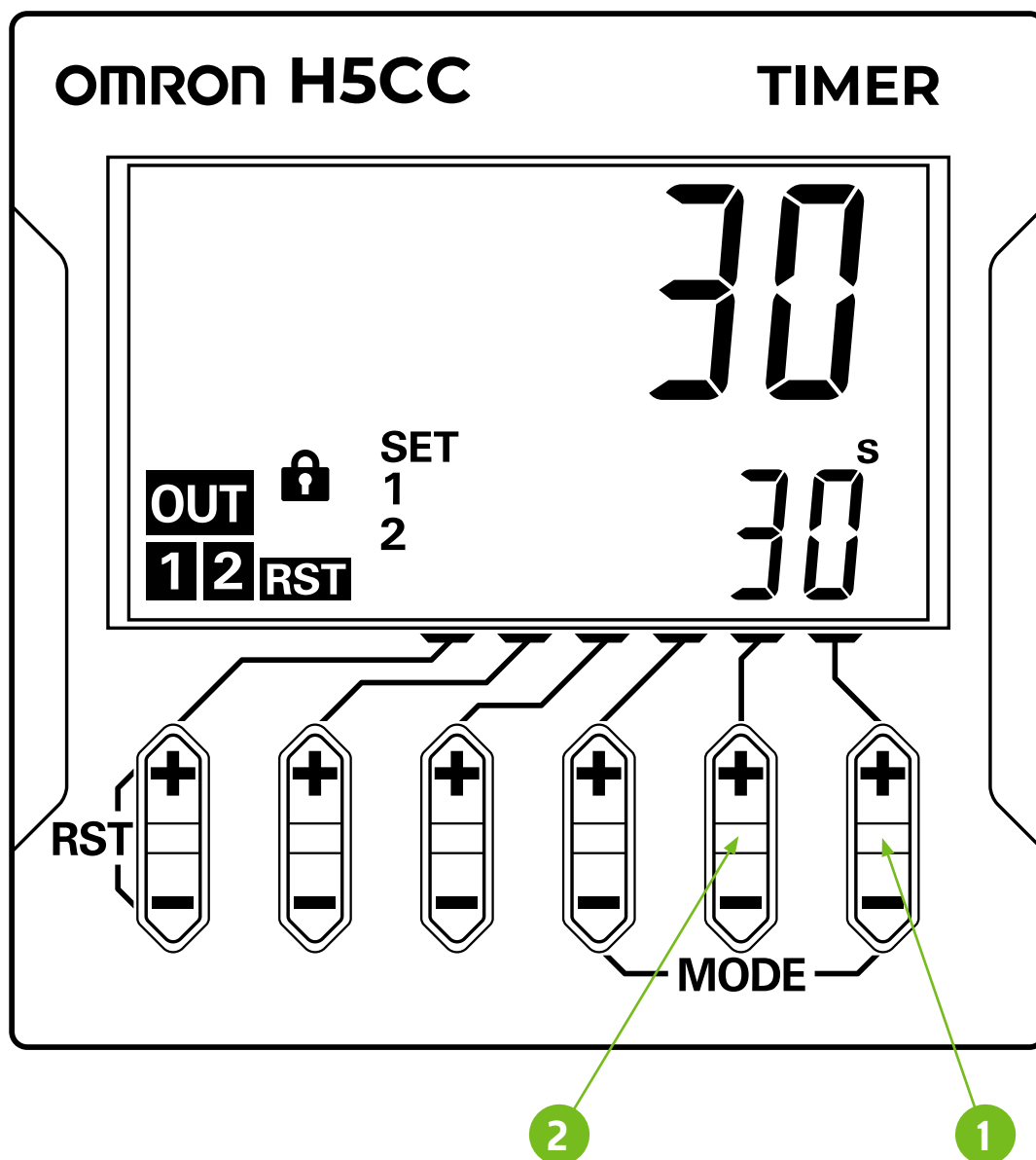


TIMER OPERATION

Engage the main power disconnect switch. Activate one or more of the 3-bulb zone switches. Set cure time with the digital timer. Activate the bulbs using either the platen motion sensor or the supplied foot pedal.

Set the desired time in minutes and seconds using the up and down arrows:

- 1 Seconds (0–9)
- 2 Tens of seconds (10, 20, 30, etc.)



LIMITED WARRANTY

While we take pride in our quality and do our best to ensure your satisfaction, Riley Hopkins™/Ryonet® does not assume any liability for damages, whether consequential or incidental, that may result from the misuse of the below-stated specifications.

GENERAL PROVISIONS: The warranties described below apply ONLY to the original purchasers of new Riley Hopkins™ Quartz Flash Dryers from Ryonet®, purchased on or after June 27th, 2025. Under these warranties, Ryonet® will repair or replace, as Ryonet® elects, covered defective parts, materials, or workmanship without charge for parts or the reasonable cost of labor related to it. Ryonet® will use only new or re-manufactured parts or components furnished by Ryonet® or a Ryonet®-authorized third party.

WARRANTY DURATION: A lifetime warranty shall apply to covered Riley Hopkins™ Quartz Flash Dryers, parts, components, and materials as set forth below.

WHAT IS COVERED: This warranty covers all non-wearable parts, non-wearable components, and non-wearable materials of new Riley Hopkins™ Quartz Flash Dryers. HOWEVER, the following items are excluded from the scope of this warranty: expendable parts (including but not limited to Quartz 1300-watt bulbs, sensors, foot pedal, and fasteners). FURTHER, Ryonet® does not warrant failure of parts or components resulting from misuse or lack of proper maintenance, or improper installation.

WHAT IS NOT COVERED: Installation, inspection, and routine maintenance costs are the sole responsibility of the purchaser; used equipment; any equipment modified or altered in any way not approved by Ryonet® in writing including, but not limited to, disassembling components; routine maintenance and lubrication; consequences of negligence, misuse, accident, or improper application, installation, or storage of the press; consequences of any service performed by someone other than a Ryonet®-authorized provider.

SECURING WARRANTY SERVICE: Warranty service must be requested from the nearest Ryonet® location. At the time of requesting warranty service, the person or entity requesting warranty service must be prepared to present evidence that it was the original purchaser of the Riley Hopkins™ Quartz Flash Dryers. Written authorization must be obtained from Ryonet® before any part will be accepted. To return such defective parts, contact Ryonet® to return such part freight prepaid. Replacement parts are sent out for freight collection. Parts sent out prior to receiving the defective parts will be sent C.O.D., cost plus freight. Upon return of the defective parts, if it is deemed that the parts were not damaged by the customer but failed, the cost of the replacement part will be refunded.

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NO SELLER'S WARRANTY: No person or entity, other than Ryonet®, who sells the Riley Hopkins™ Quartz Flash Dryers has the authority to make any guarantee, representation, promise, or warranty with respect to any Riley Hopkins™ Quartz Flash Dryers unless the person or entity delivers to the purchaser a separate written guaranty certificate specifically guaranteeing the flash dryer, in which case Ryonet® shall have no obligation to the purchaser. Neither original Riley Hopkins™ manufacturers, distributors, or dealers, nor any other person or entity, has any authority to make any representation or promise on behalf of Ryonet® or to modify the terms or limitations of this warranty in any way.

ADDITIONAL INFORMATION

For additional information concerning the Riley Hopkins™/Ryonet® limited warranty, contact support@ryonet.com or 1-360-576-7188.

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