



Assembly Instructions

LEE STUART SIGNATURE EDITION: 250 + MULTI-STATION CART KIT



Riley Hopkins
250





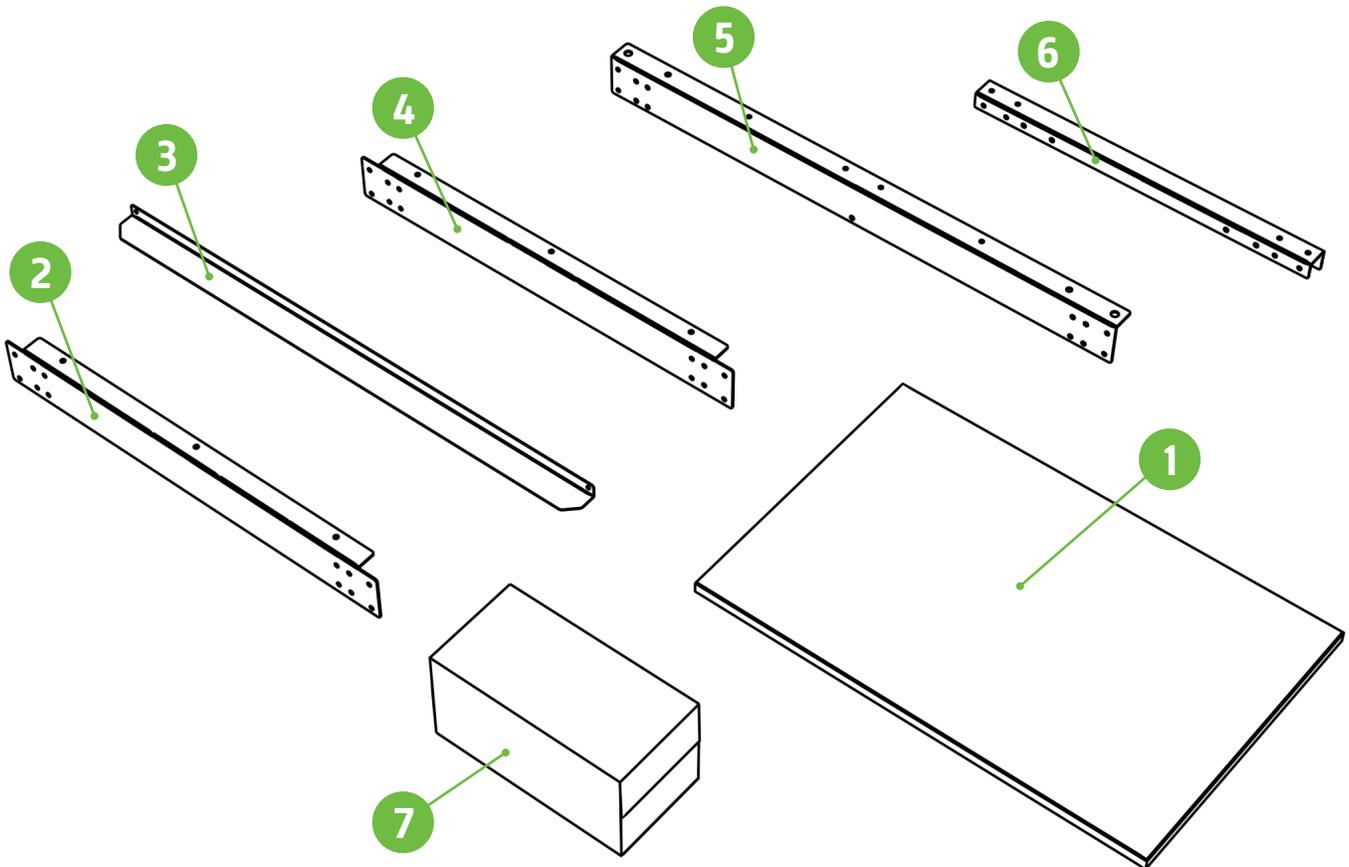
Tools Required:

• 7/16" Wrench • Large pliers or crescent wrench • Phillips screwdriver • Tape measure

What's in the box

TAG	Item	QTY.
1	PRESS CART TOP PANEL	2
2	FRONT TOP AND BOTTOM CROSS BARS	4
3	SCREEN HOLDING SLATS (SINGLE-STATION/MULTI-STATION)	16
4	UPPER-SIDE CROSS BARS	2
5	LOWER-SIDE CROSS BARS (THREADED)	2
6	CART UPRIGHTS	4
7	HARDWARE KIT - BOX	1

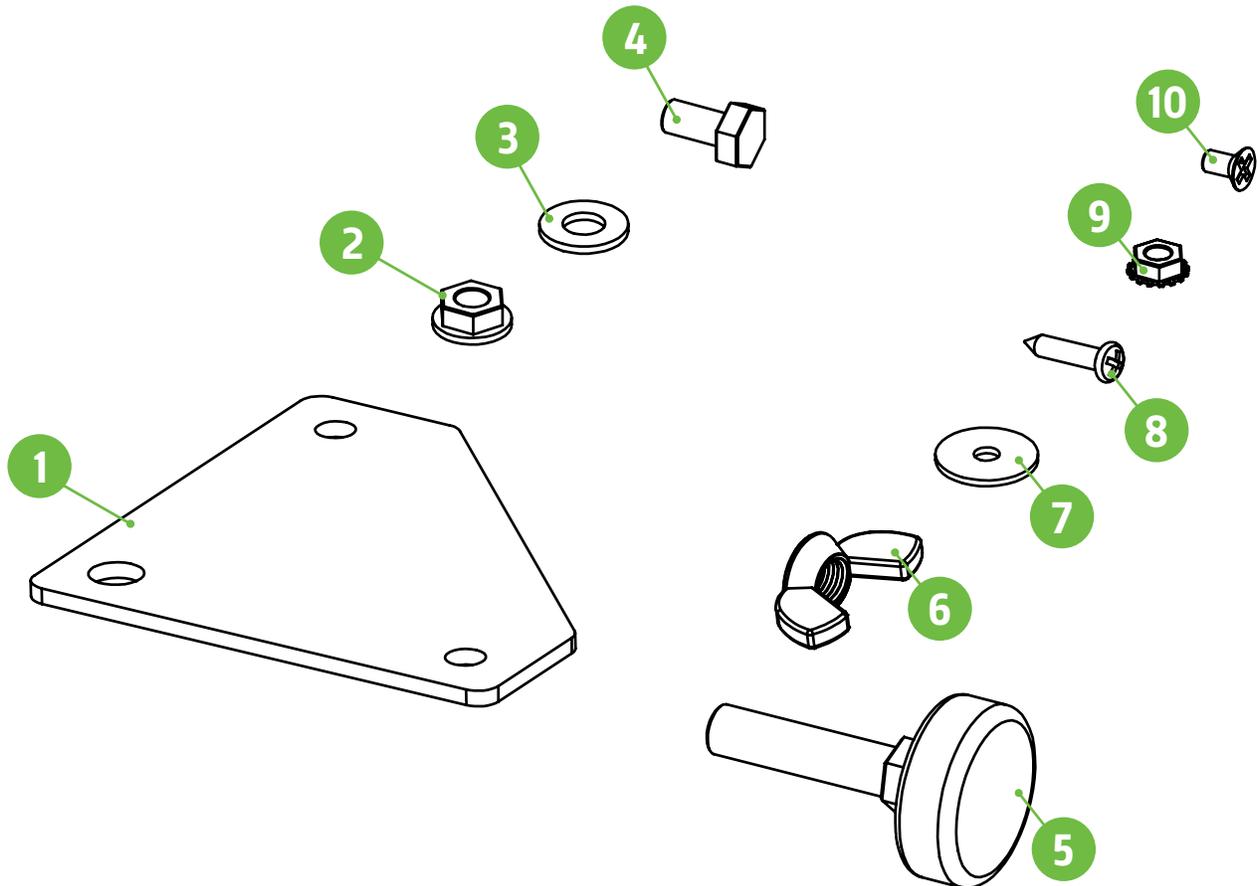
IMPORTANT: BE SURE ALL PARTS ARE ENCLOSED BEFORE ASSEMBLING.



What's in the hardware kit box

TAG	Item	description	QTY.
1	MFZC-RHCRTGST	LOWER CART CORNER GUSSETS	4
2	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	40
3	PRHD-WA1/4USSGR5ZC	1/4" USS FLAT WASHER	32
4	PRHD-HC1/4NC1/2GR5ZC	1/4" X 1/2" HEX CAP SCREW	40
5	PRHD-LF3/8NC1 1/2GR5ZC	3/8" STEM LEVELING FOOT	4
6	PRHD-WINGNT3/8NC	3/8-16 WING NUT	4
7	PRHD-FDRWA3/16X3/4	3/16" X 3/4" FENDER WASHER	24
8	PRHD-SCW8X3/4PAN	#8 X 3/4" PHILLIPS PAN SCREW	24
9	PRHD-KN#8NF	#8-32 KEPS NUT	40
10	PRHD-SCM#8NF5/16PH	#8-32 X 5/16 FLAT SCREW	40

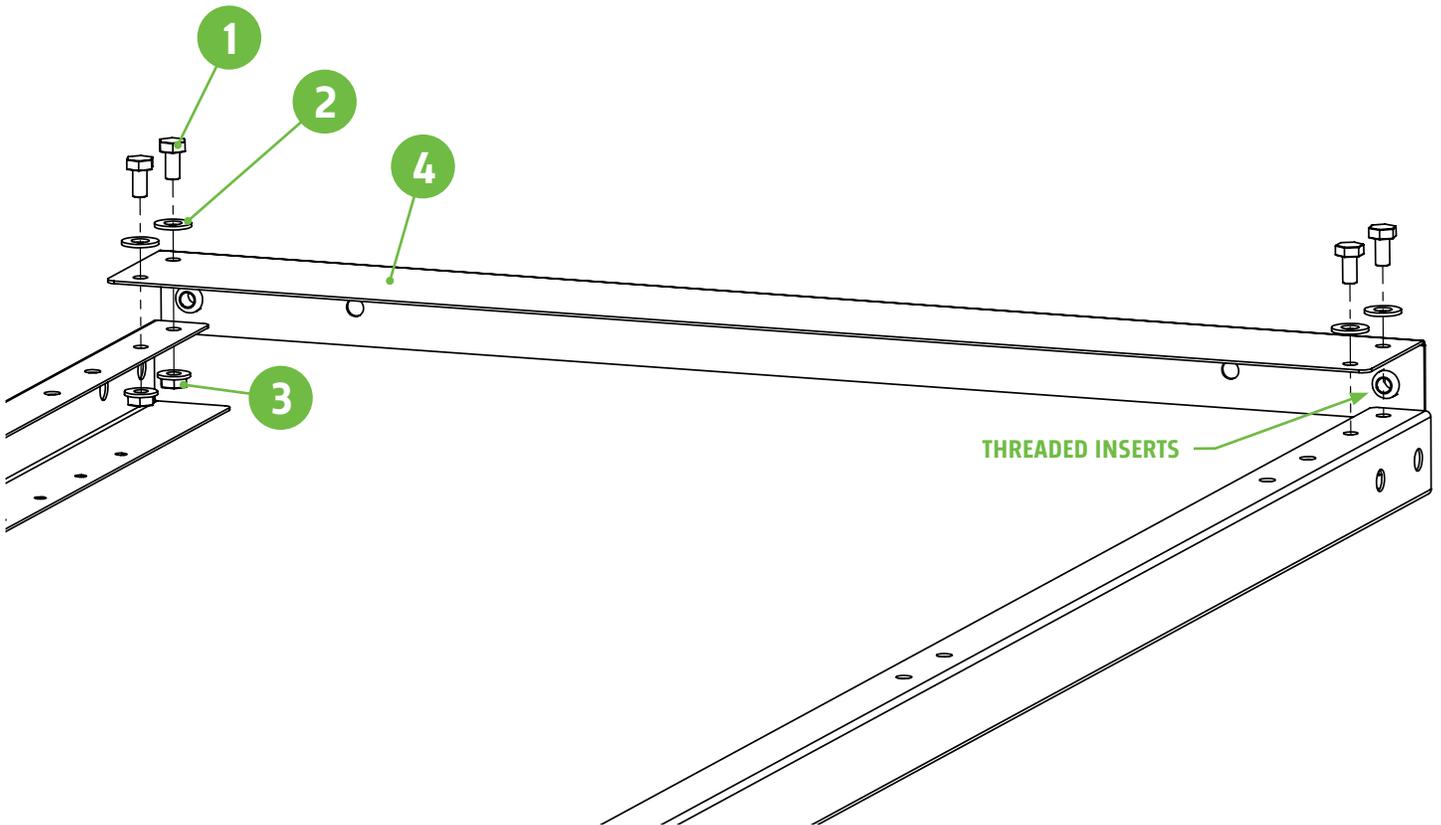
IMPORTANT: BE SURE ALL PARTS ARE ENCLOSED BEFORE ASSEMBLING.



Step 1

TAG	Item	description	QTY.
1	PRHD-HC1/4NC1/2GR5ZC	1/4" X 1/2" HEX CAP SCREW	4
2	PRHD-WA1/4USSGR5ZC	1/4" USS FLAT WASHER	4
3	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	4
4	MFPD-LSCRTSID2	LEE STUART CART SIDE PANEL (THREADED)	1

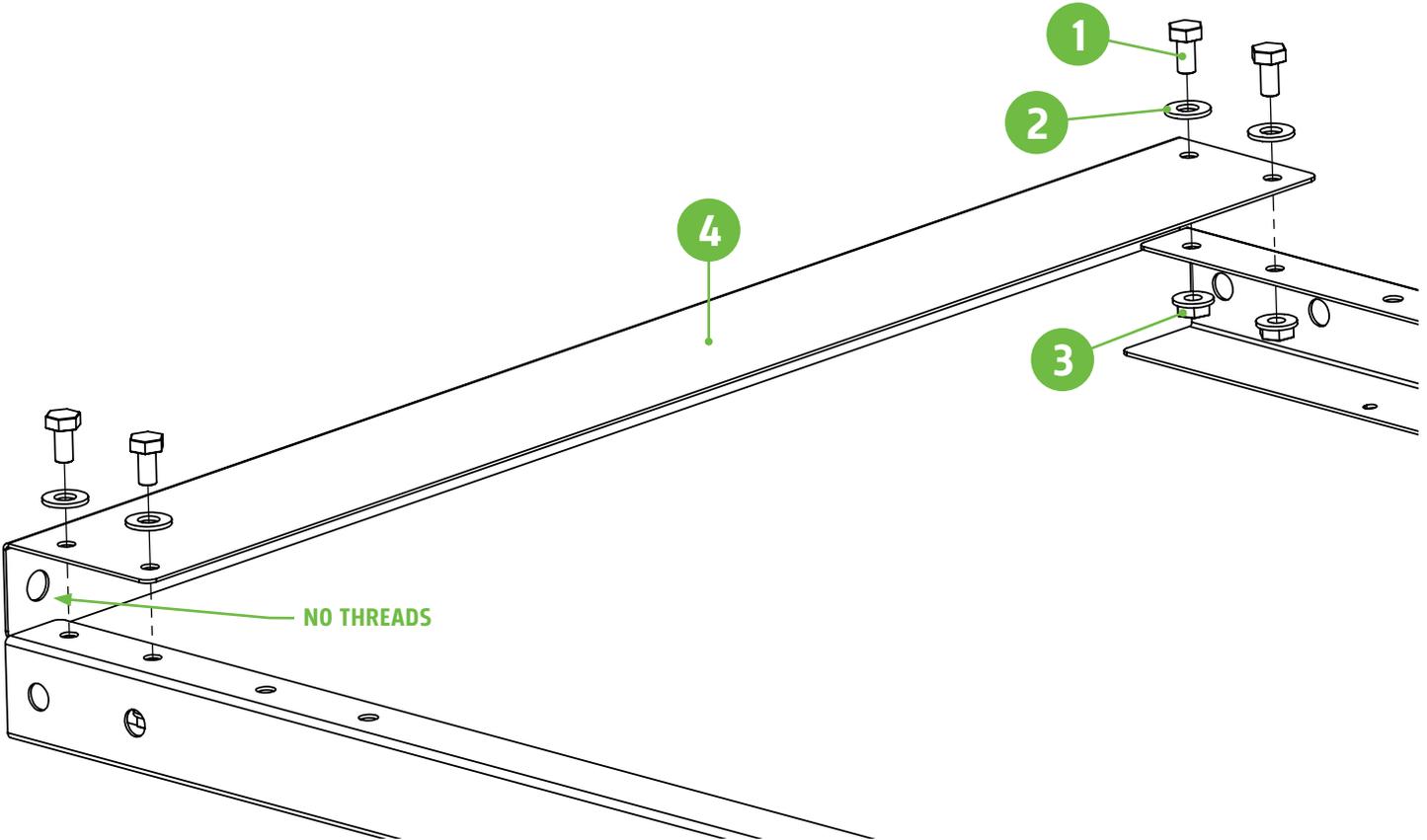
Attach the lower side crossbars to the uprights in the four mounting points shown below. Ensure that you are attaching the crossbar that has the threaded inserts at this step. The uprights can be installed on both the left- and right-hand sides.



Step 2

TAG	Item	description	QTY.
1	PRHD-HC1/4NC1/2GR5ZC	1/4" X 1/2" HEX CAP SCREW	4
2	PRHD-WA1/4USSGR5ZC	1/4" USS FLAT WASHER	4
3	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	4
4	MFPD-LSCRTSIDT	LEE STUART CART SIDE PANEL (NO THREADS)	1

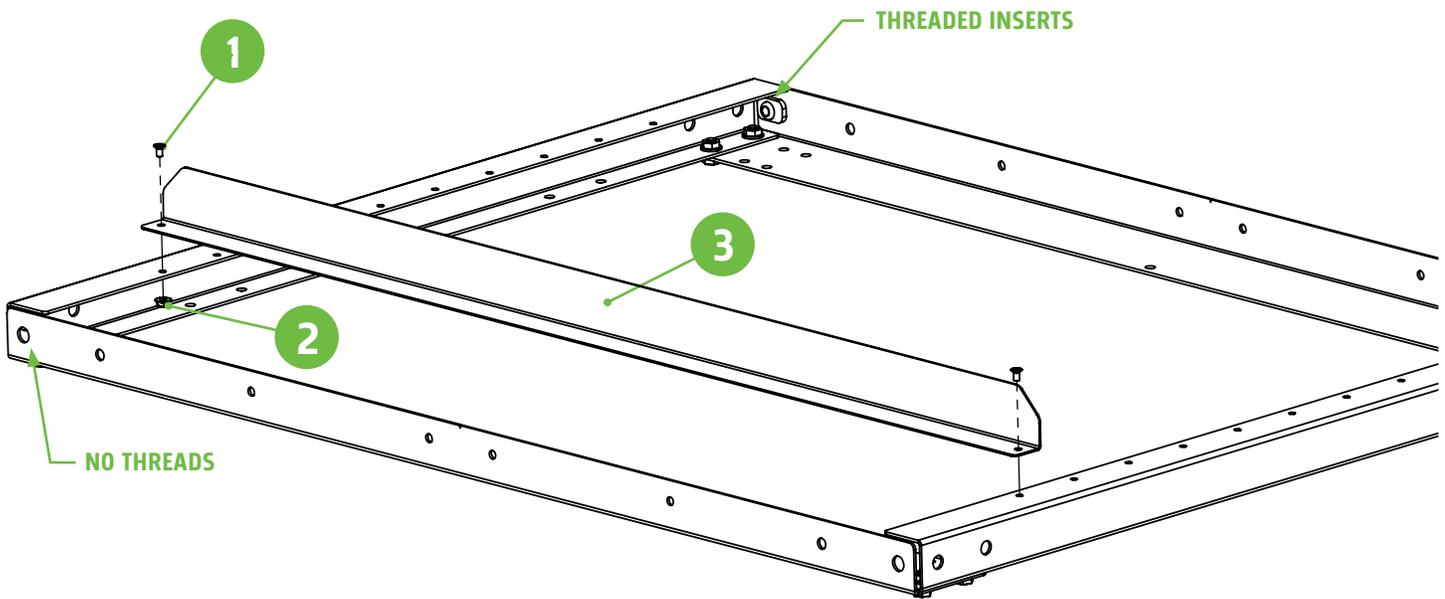
Attach the upper side crossbars to the uprights in the four mounting points shown below. Ensure that you are attaching the crossbar that DOES NOT have threaded inserts at this step.



Step 3

TAG	Item	description	QTY.
1	PRHD-SCW8X3/4PAN	#8 X 3/4" PHILLIPS PAN SCREW	4 PER SCREEN SLOT
2	PRHD-KN#8NF	#8-32 LOCK NUT	4 PER SCREEN SLOT
3	MFPD-RHCRTSLT	RH PRESS CART SCREEN HOLDING SLAT	2 PER SCREEN SLOT

Attach the screen holding slats. It is recommended to install one slat at a time to ensure you have ample room to install hardware. Start the slat installation with a hand screwdriver. Hold the lock nut in place with your finger until it is snug and grabs the metal. Once the nut no longer moves freely, fully tighten the screws. Repeat steps 1-3 for the opposite side panel.



NOTE:

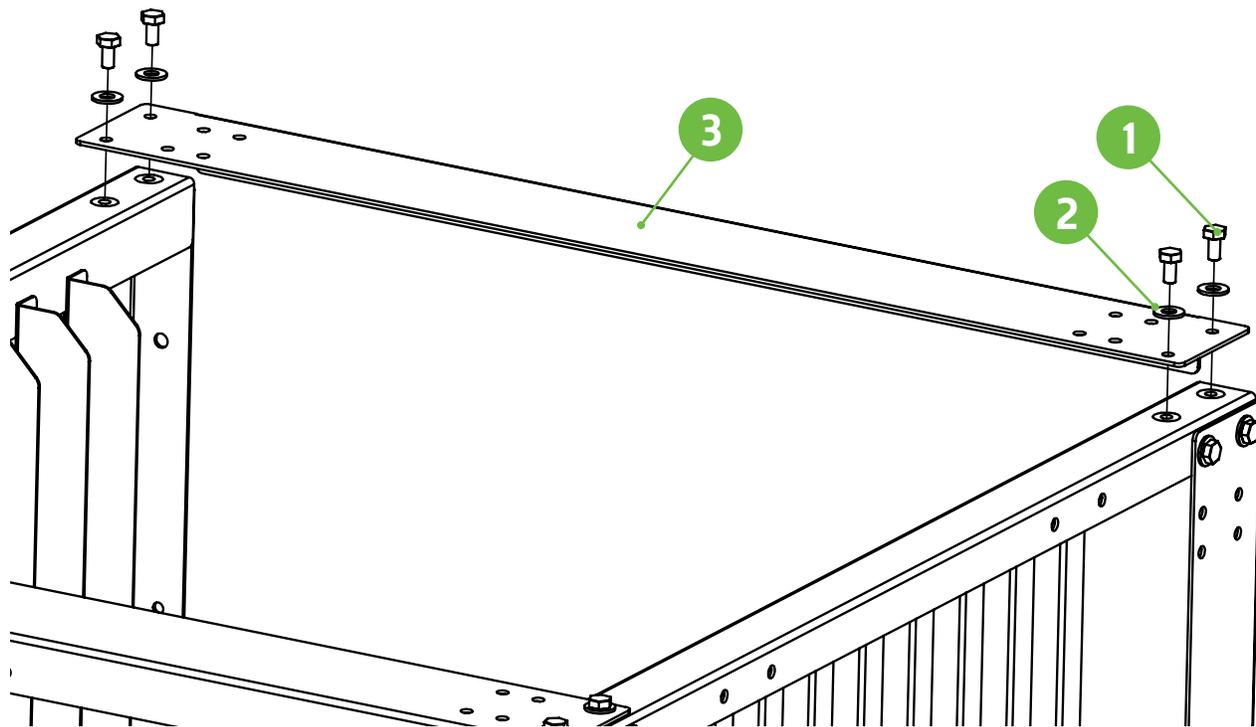
Multi-station cart = 8 screen slots

Step 4

TAG	Item	description	QTY.
1	PRHD-HC1/4NC1/2GR5ZC	1/4" X 1/2" HEX CAP SCREW	4
2	PRHD-WA1/4USSGR5ZC	1/4" USS FLAT WASHER	4
3	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	4
4	MFPD-LSCRTTOP	LEE STUART CART TOP AND BOTTOM FRONT/ REAR PANEL	1

Attach the upper and lower front and rear crossbars in the four mounting locations. This part is used in all four locations. Your cart will have extra hole cutouts in the parts that can be used for attachments that can be purchased separately.

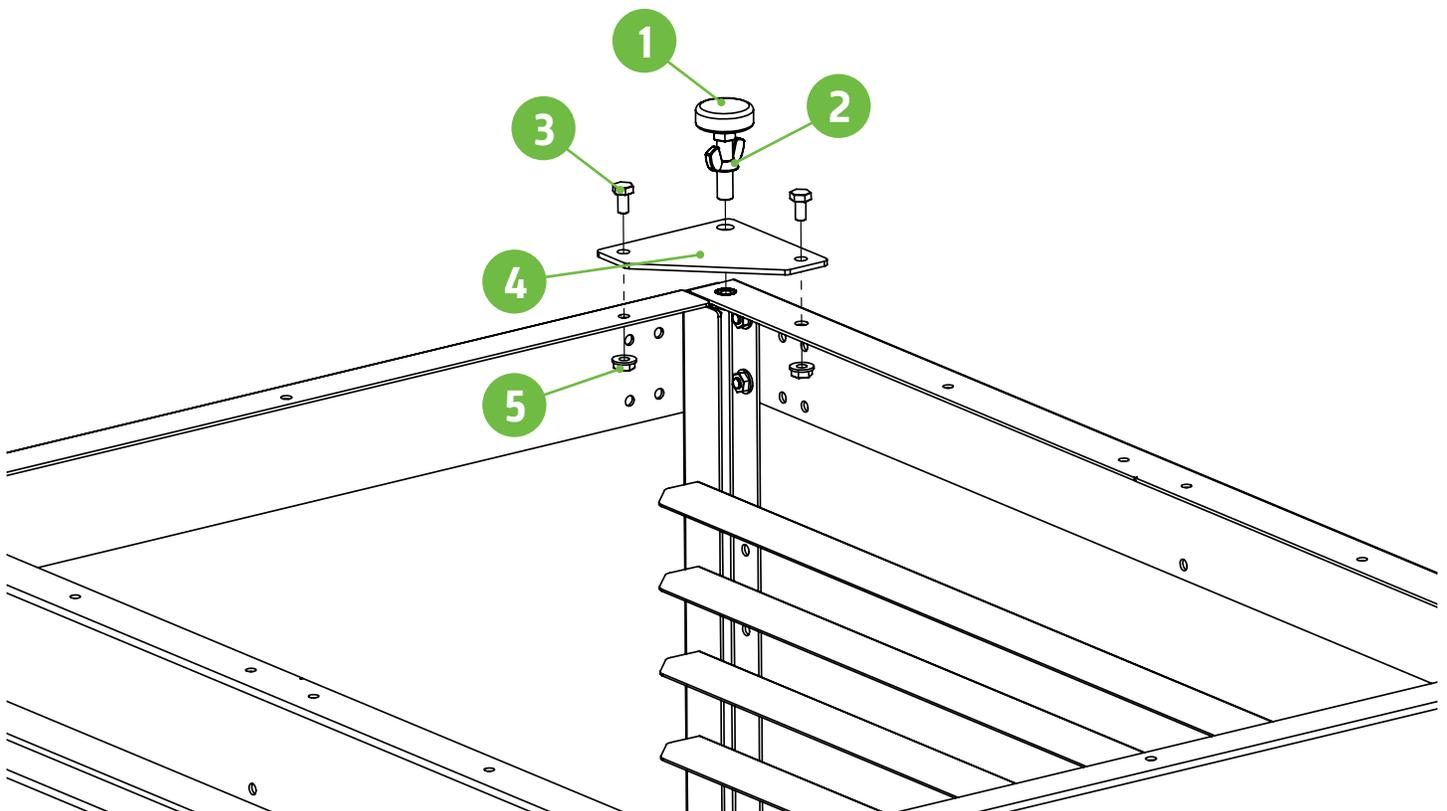
NOTE: Not all holes are used during standard cart assembly.



Step 5

TAG	Item	description	QTY.
1	PRHD-LF3/8NC1-1/2GR5ZC	3/8" STEM LEVELING FOOT	4
2	PRHD-WINGNT3/8NC	3/8-16 WING NUT	4
3	PRHD-HC1/4NC1/2GR5ZC	1/4" X 1/2" HEX CAP SCREW	8
4	MFZC-RHCRTGST	LOWER CART CORNER GUSSETS	4
5	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	8

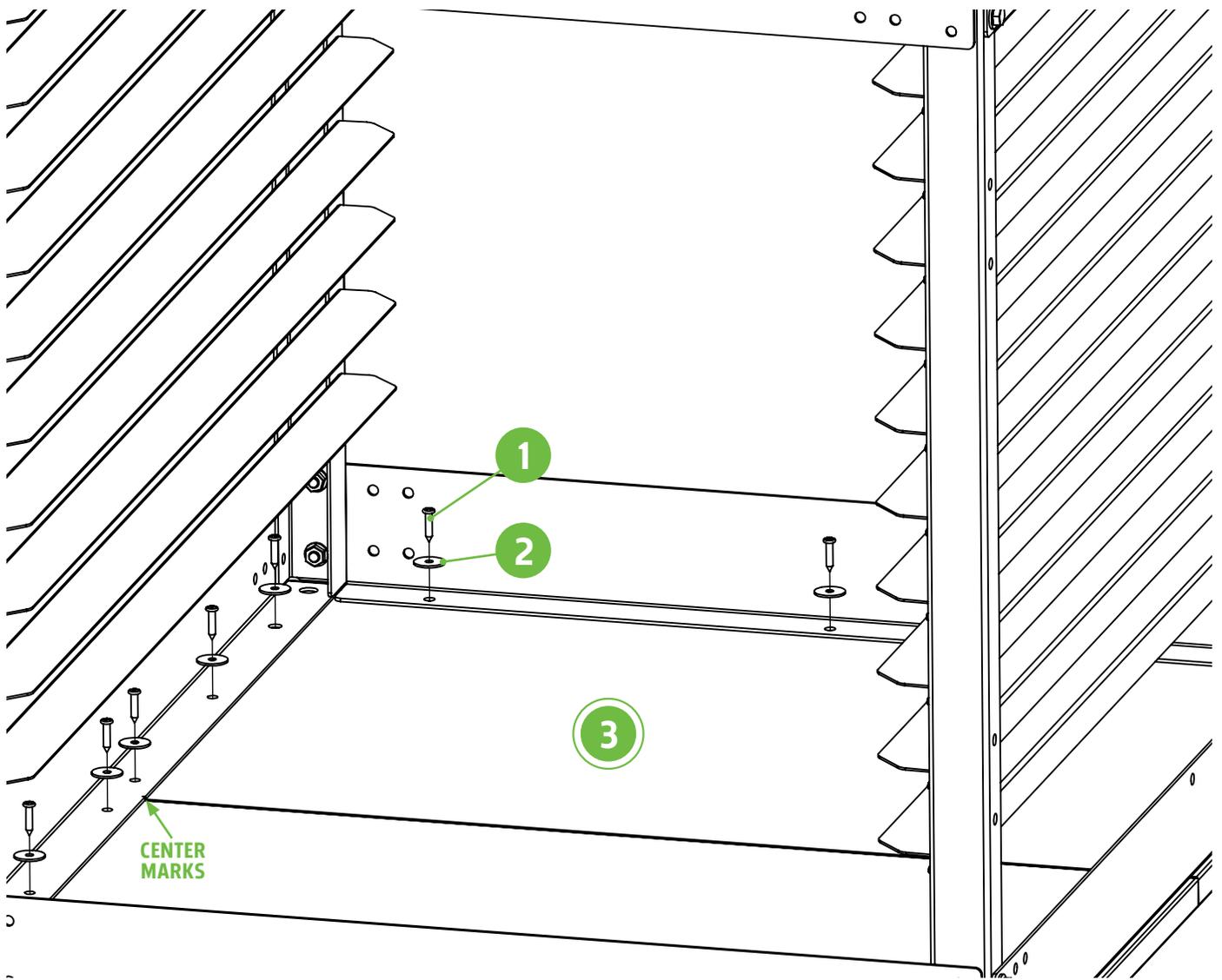
Attach the lower support gussets with 1/4" hardware. Install the 3/8 wing nut onto the leveling foot as shown. Then install the leveling foot into the corner threaded hole of the cart. Once the cart is in its final upright position you can level the cart to your floor. Once the cart does not wobble, lock the wing nuts to hold the leveling feet in place.



Step 6

TAG	Item	description	QTY.
1	PRHD-SCW8X3/4PAN	#8 X 3/4" PHILLIPS PAN SCREW	18
2	PRHD-FDRWA3/16X3/4	3/16" X 3/4" FENDER WASHER	18
3	PRCO-CARTTOP	PRESS CART TOP PANEL	2

With the cart frame upside down, set the cart onto the two-piece tabletop. Use the center marks on the side crossbars to center the pieces from front to back. Use the side panels to center them right to left. Attach both pieces around the perimeter of the frame as shown.





Section 2: Pivot Caster Assembly

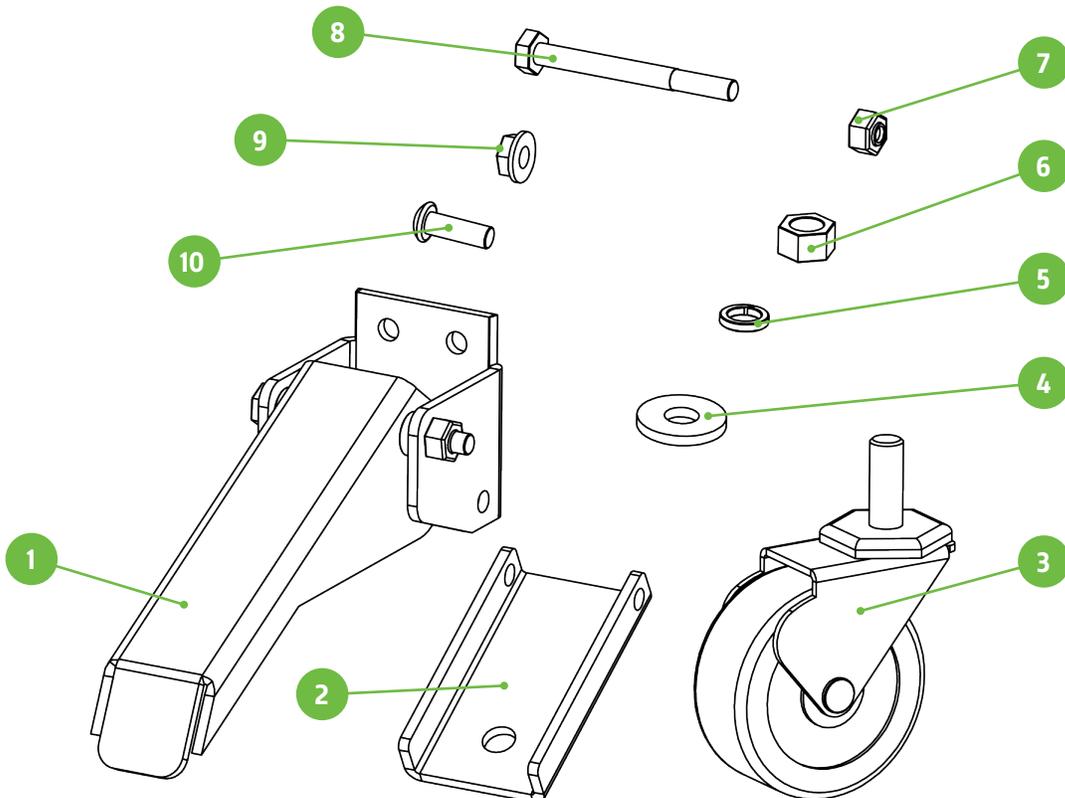
What's in the hardware kit box

Tools Required:

- Two 7/16" Wrenches
- One 5/32" Hex wrench

TAG	Item	description	QTY.
1	MFSA-SWVLBKT-LS	LEE STUART PIVOT CASTER LIFTING LEVER/ MOUNTING	4
2	MFZC-SWVLBKT2	LOWER PIVOT CASTER WHEEL BRACKET	4
3	MFCO-CSTR2X3/8ML-NL	2-1/2" NON-LOCKING CASTER	4
4	PRHD-WA3/8USSPFC9ZY	3/8" PFC9 USS FLAT WASHER	8
5	PRHD-LWA3/8GR5ZC	3/8IN SPLIT LOCK WASHER ZINC PLATED	4
6	PRHD-HN3/8NCGR5ZC	3/8-16 HEX FINISH NUT	4
7	PRHD-NYN1/4NCGR5ZC	1/4-20 NYLOC NUT ZINC	4
8	PRHD-HC1/4NC1-1/2GR5ZC	1/4" 1-1/2" HEX CAP SCREW	4
9	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	16
10	PRHD-BTN1/4NC1/2SS	1/4-20 X 1/2 BUTTON HEAD	16

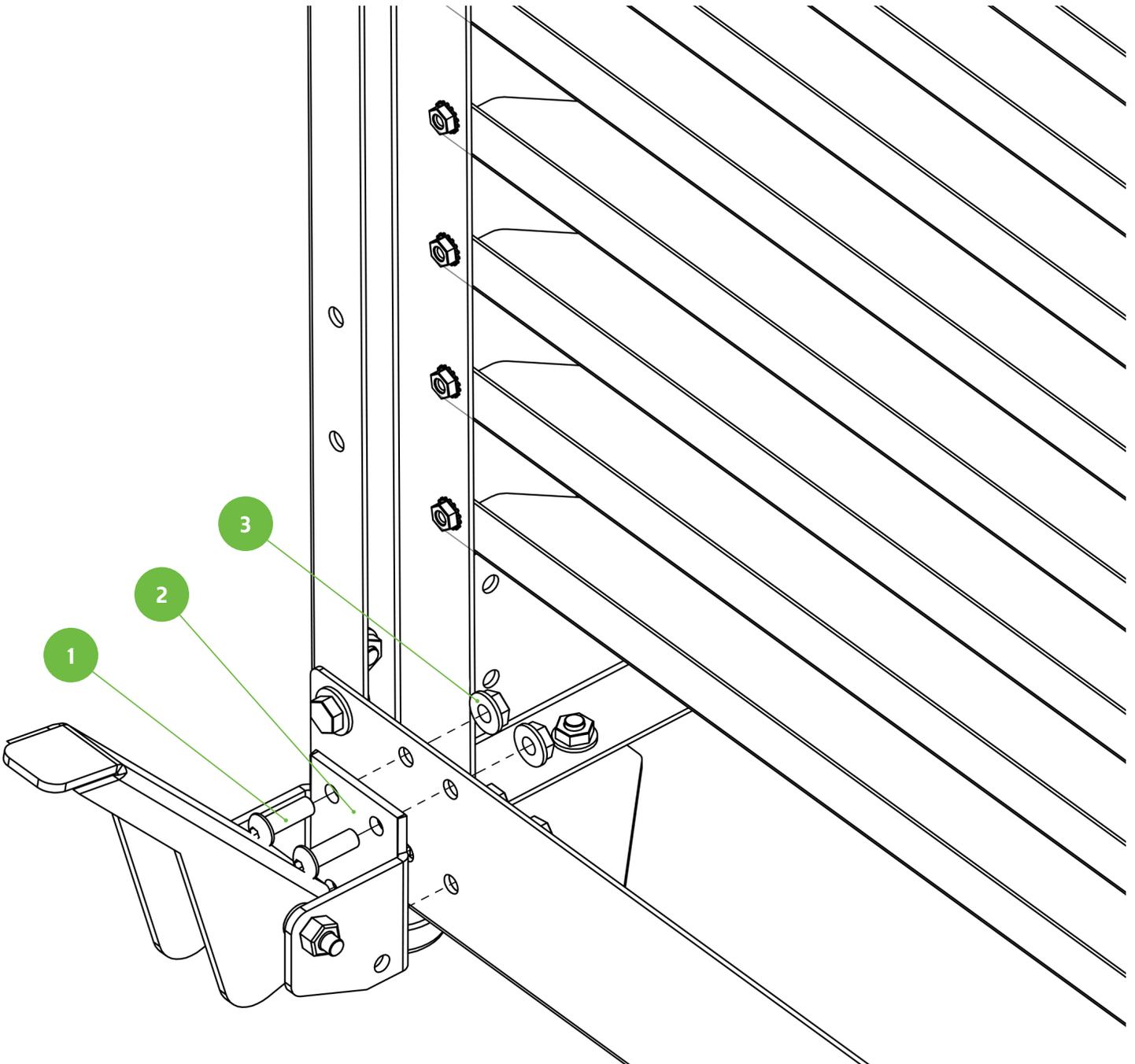
IMPORTANT: BE SURE ALL PARTS ARE ENCLOSED BEFORE ASSEMBLING.



Step 1

TAG	Item	description	QTY.
1	PRHD-BTN1/4NC1/2SS	1/4-20 X 1/2 BUTTON HEAD	16
2	MFSA-SWVLBKT	PIVOT CASTER LIFTING LEVER/MOUNTING	4
3	PRHD-FLN1/4NCGR5ZC	1/4" FLANGED NUT	16

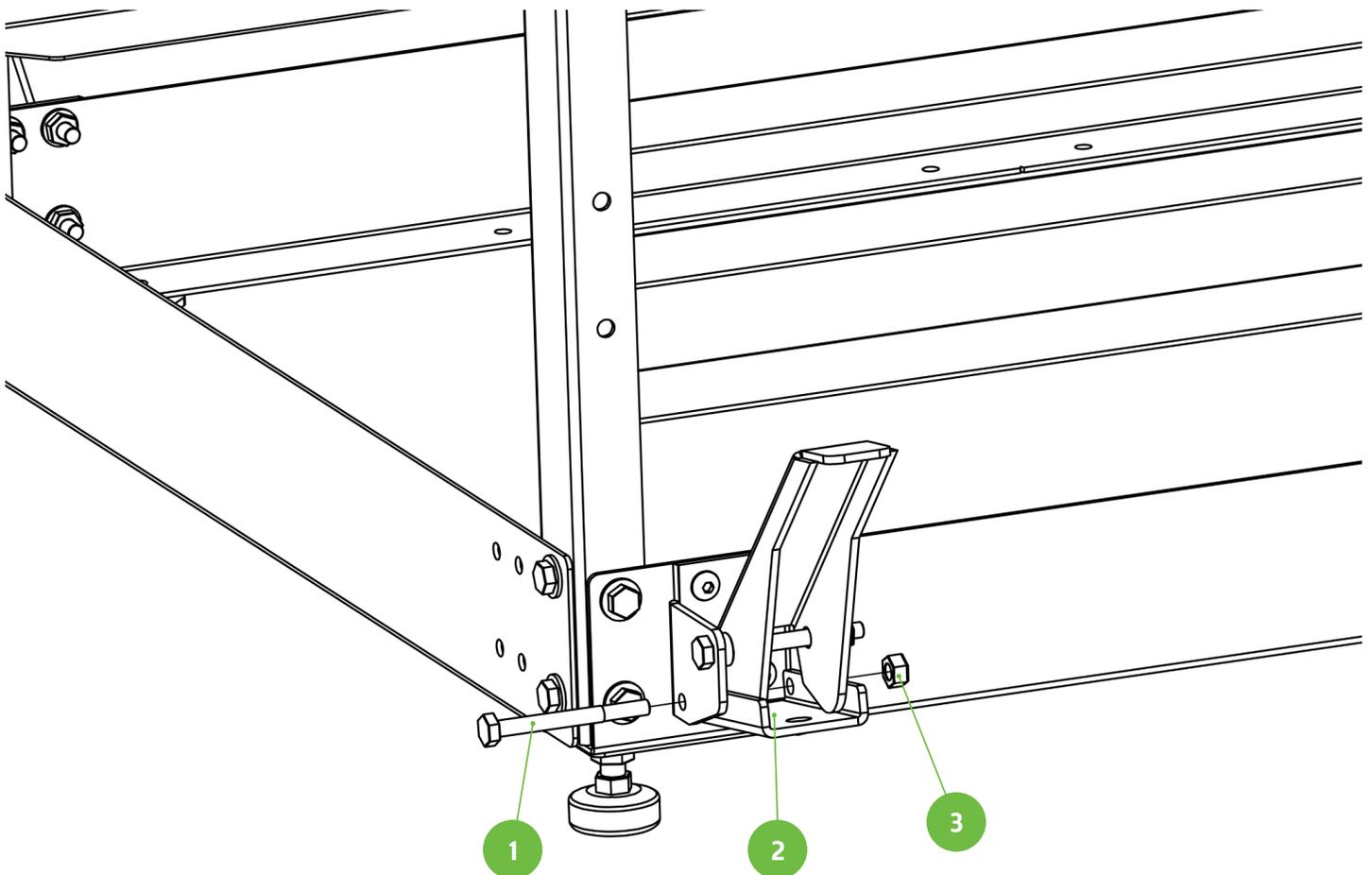
Attach the pivot caster lifting lever/mounting bracket to the press cart with 1/4" hardware. These can be attached to the side or front of the press cart.



Step 2

TAG	Item	description	QTY.
1	PRHD-HC1/4NC1-1/2GR5ZC	1/4" X 1-1/2" HEX CAP SCREW	4
2	MFZC-SWVLBKT2	LOWER PIVOT CASTER WHEEL BRACKET	4
3	PRHD-NYN1/4NCGR5ZC	1/4-20 NYLOC NUT ZINC	4

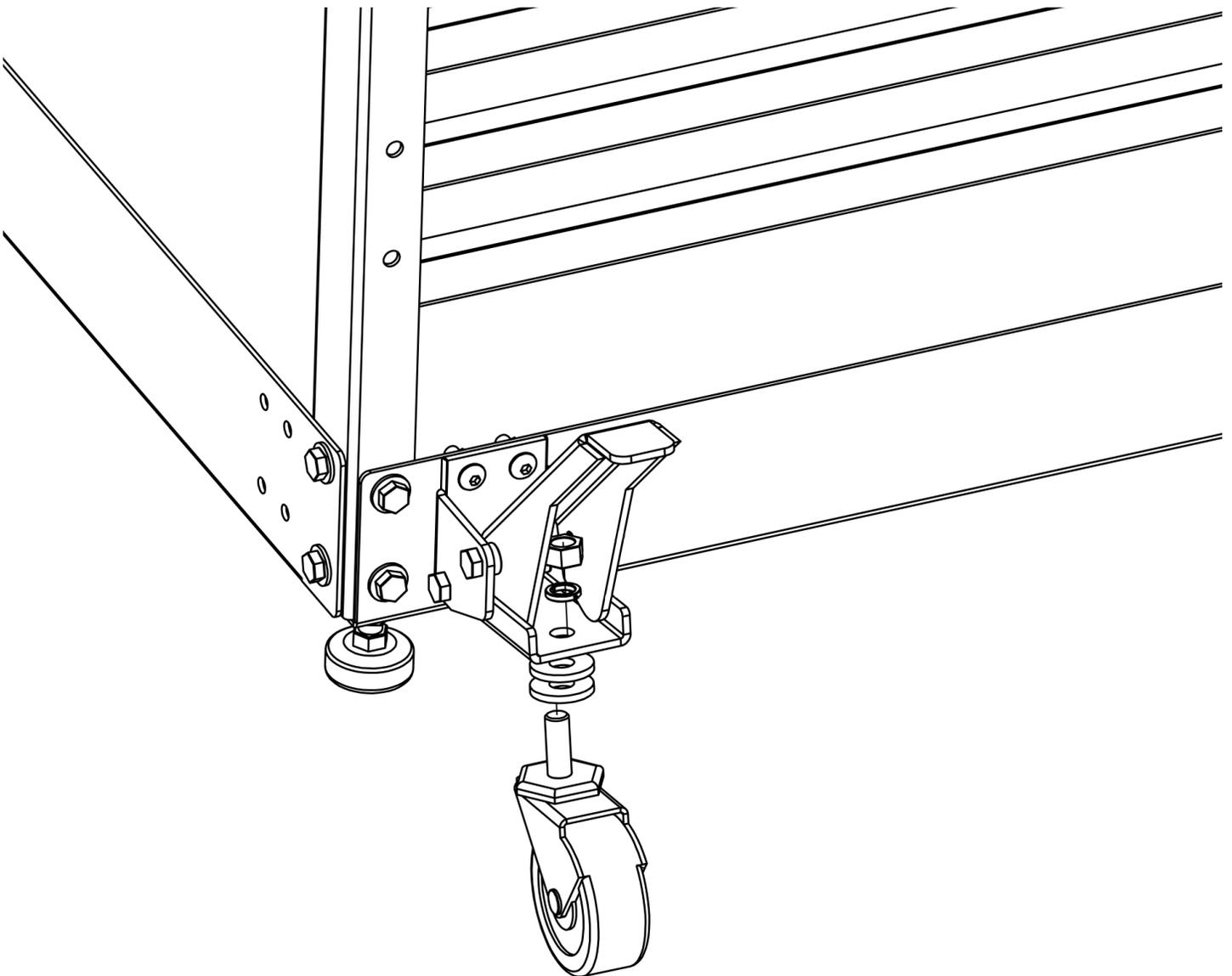
Attach the lower pivot caster wheel bracket to the mounting bracket with the 1/4" hardware. Do not over-tighten as this will cause resistance in the lifting mechanism.



Step 3

TAG	Item	description	QTY.
1	MFCO-CSTR2X3/8ML-NL	2-1/2" NON LOCKING CASTER	4
2	PRHD-WA3/8USSPFC9ZY	3/8" PFC9 USS FLAT WASHER	8
3	PRHD-LWA3/8GR5ZC	3/8IN SPLIT LOCK WASHER ZINC PLATED	4
4	PRHD-HN3/8NCGR5ZC	3/8-16 HEX FINISH NUT	4

Install the non-locking caster to the Lower pivot caster wheel bracket. Ensure the two large 3/8" washers are under the zinc bracket. Fully tighten the 3/8" Hex nut to lock in place. Repeat steps 1-3 for the remaining three assemblies.



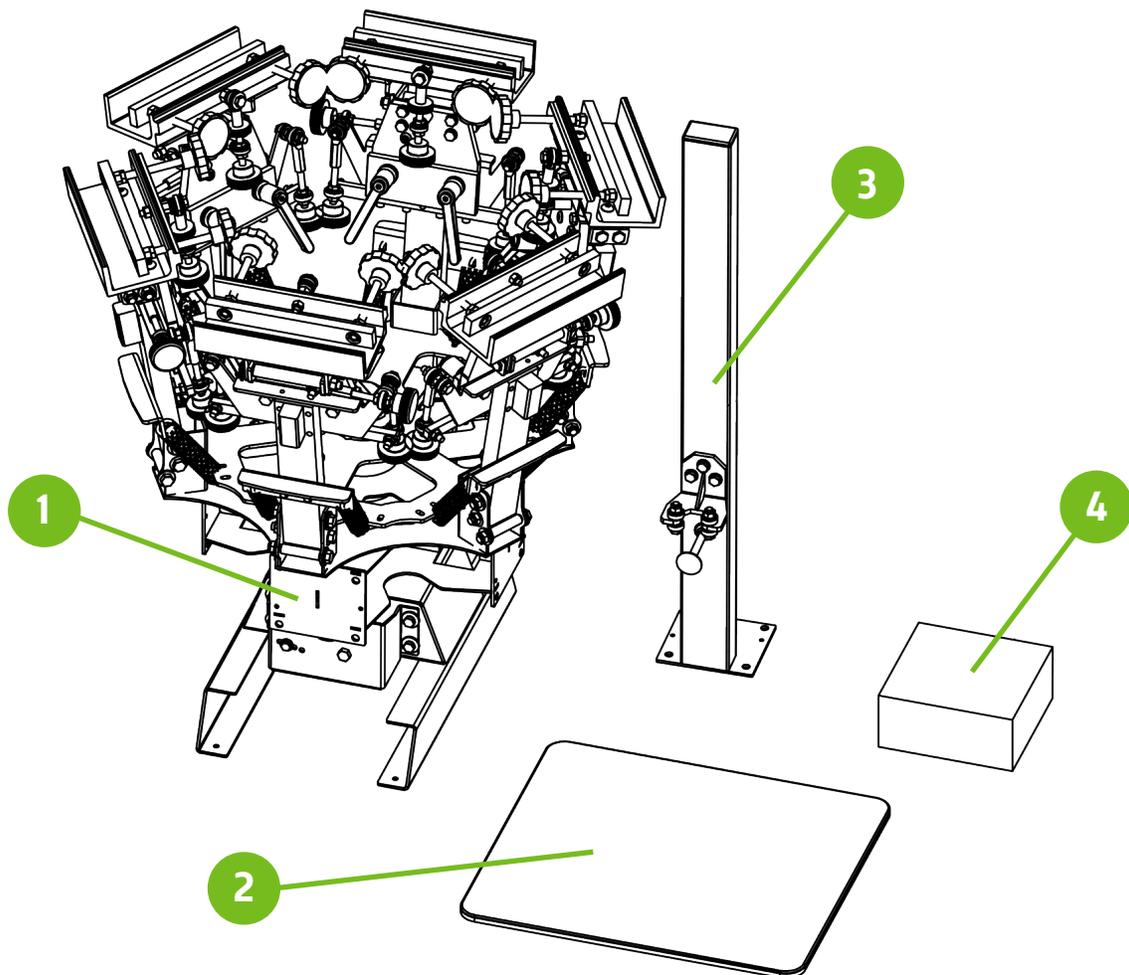


Section 3: Press Assembly

- Tools Required:**
- Two 9/16" Wrenches
 - One Hammer
 - One Philips Screwdriver
 - Tape Measure

What's in the box

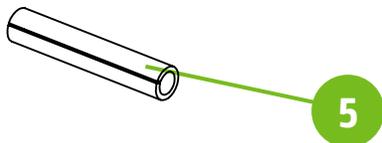
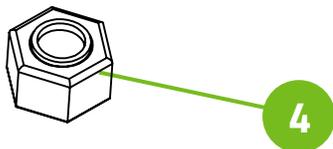
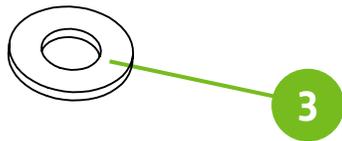
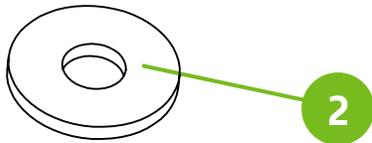
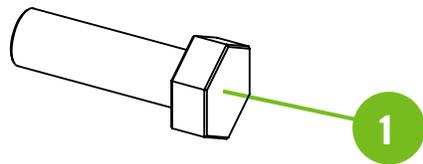
Tag	ITEM	Qty.
1	MAIN PRESS CORE ASSEMBLY	1
2	16" X 18" ALUMINUM PLATENS W/ RUBBER TOP	4
3	PRINT STATION ASSEMBLY WITH GATE	4
4	HARDWARE KIT	1



PRC0-RH250SKIT (1 kit per print station)

RILEY 250 PRINT STATION MOUNTING HARDWARE KIT

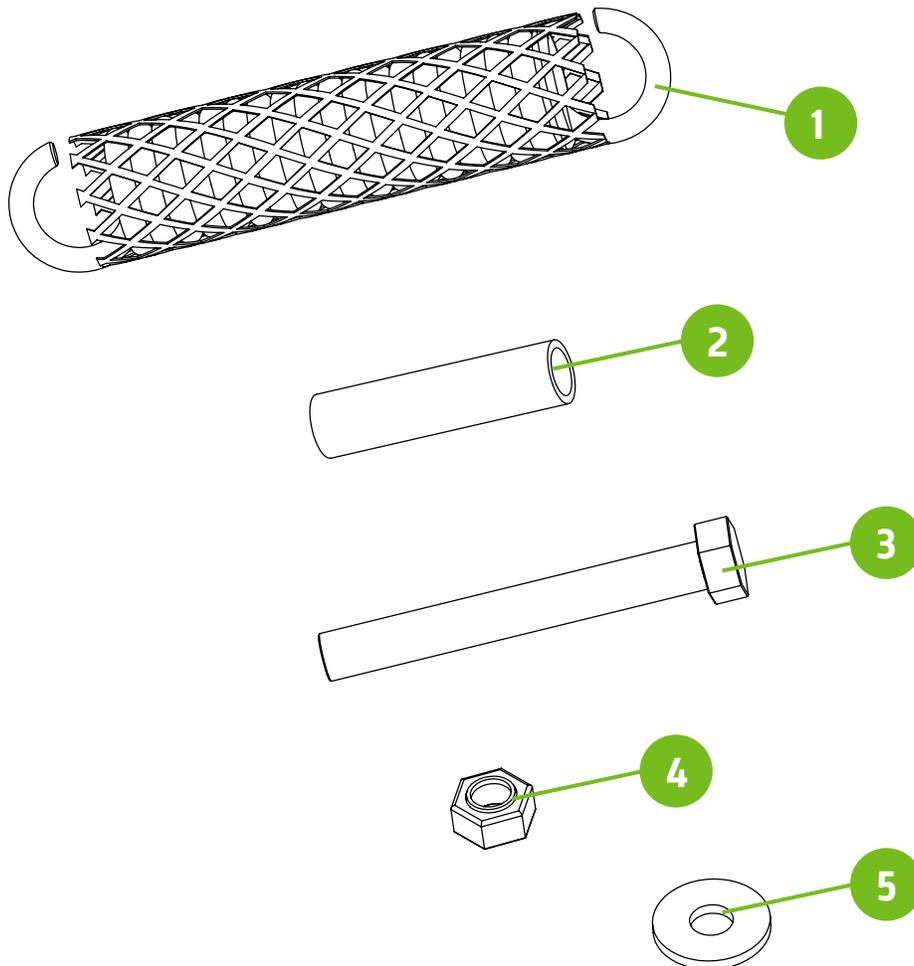
Tag	NAME/ID	DESCRIPTION	Qty.
1	PRHD-HC5/16NC1GR5ZC	5/16-18 X 1 HEX TAP BOLT	4
2	PRHD-WA5/16USSGR5ZC	5/16 USS FLAT WASHER ZINC	4
3	PRHD-WA1/4USSGR5ZC	1/4 USS FLAT WASHER ZINC	4
4	PRHD-NYN5/16NCGR5ZC	5/16-18 NYLOC NUT ZINC	4
5	PRHD-RP3/16X1ZC	3/16 X 1 ROLL PIN ZINC	2



PRCO-RH250STOPHDWPK

RILEY 250 BUMP STOP HARDWARE

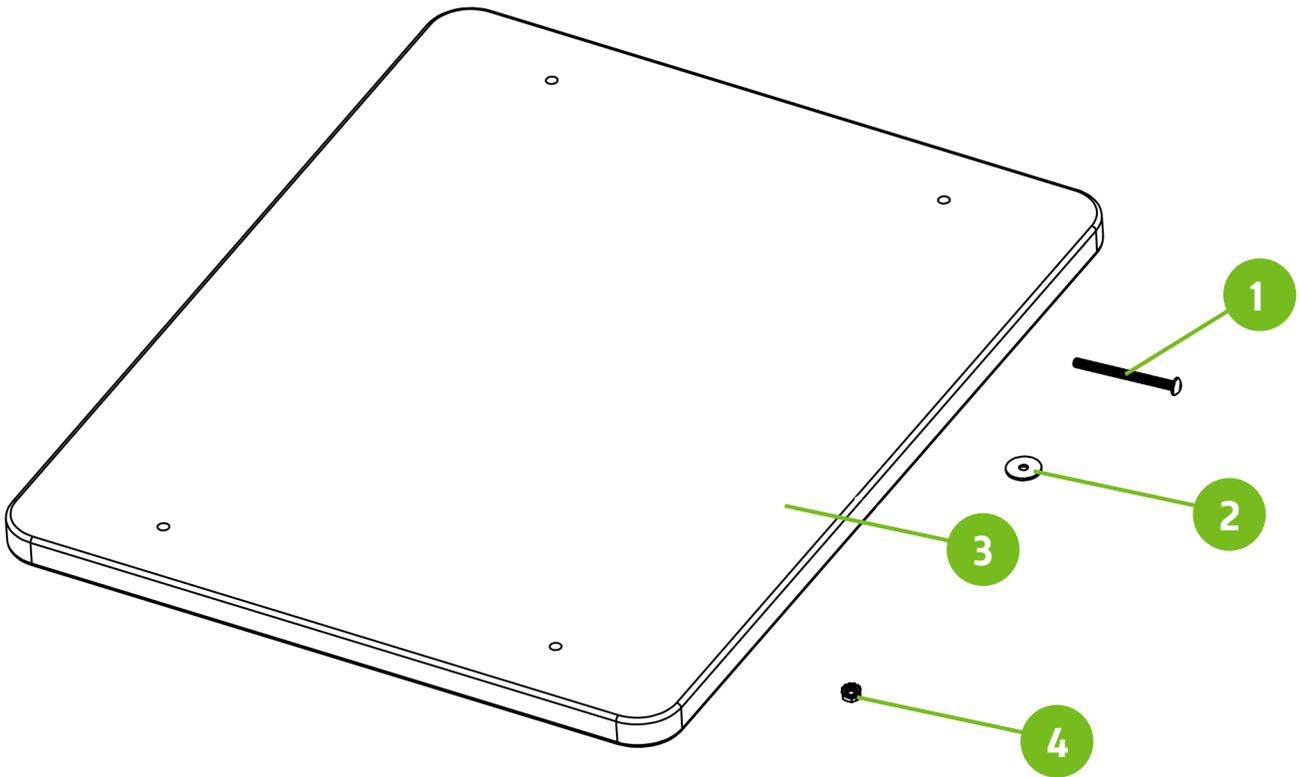
Tag	NAME/ID	DESCRIPTION	Qty.
1	PRSA-SPRINGKIT	MESH COVERED SPRING	2 PER COLOR
2	PRCO-BMPRBLTCVRBLU	AIR HOSE FOR BUMP STOPS 2" LONG	1 PER COLOR
3	PRHD-HC3/8NF3GR5ZC	3/8-24 X 3" HEX CAP SCREW GRADE 5 ZINC	1 PER COLOR
4	PRHD-LNYN3/8NFGR5ZC	3/8-24 LOWPRO NYLOC NUT	1 PER COLOR
5	PRHD-WA5/16USSGR5ZC	5/16 USS FLAT WASHER ZINC	2 PER COLOR



PRSA-LSSTIFKIT

LEE STUART SPECIAL EDITION TABLETOP STIFFENER KIT

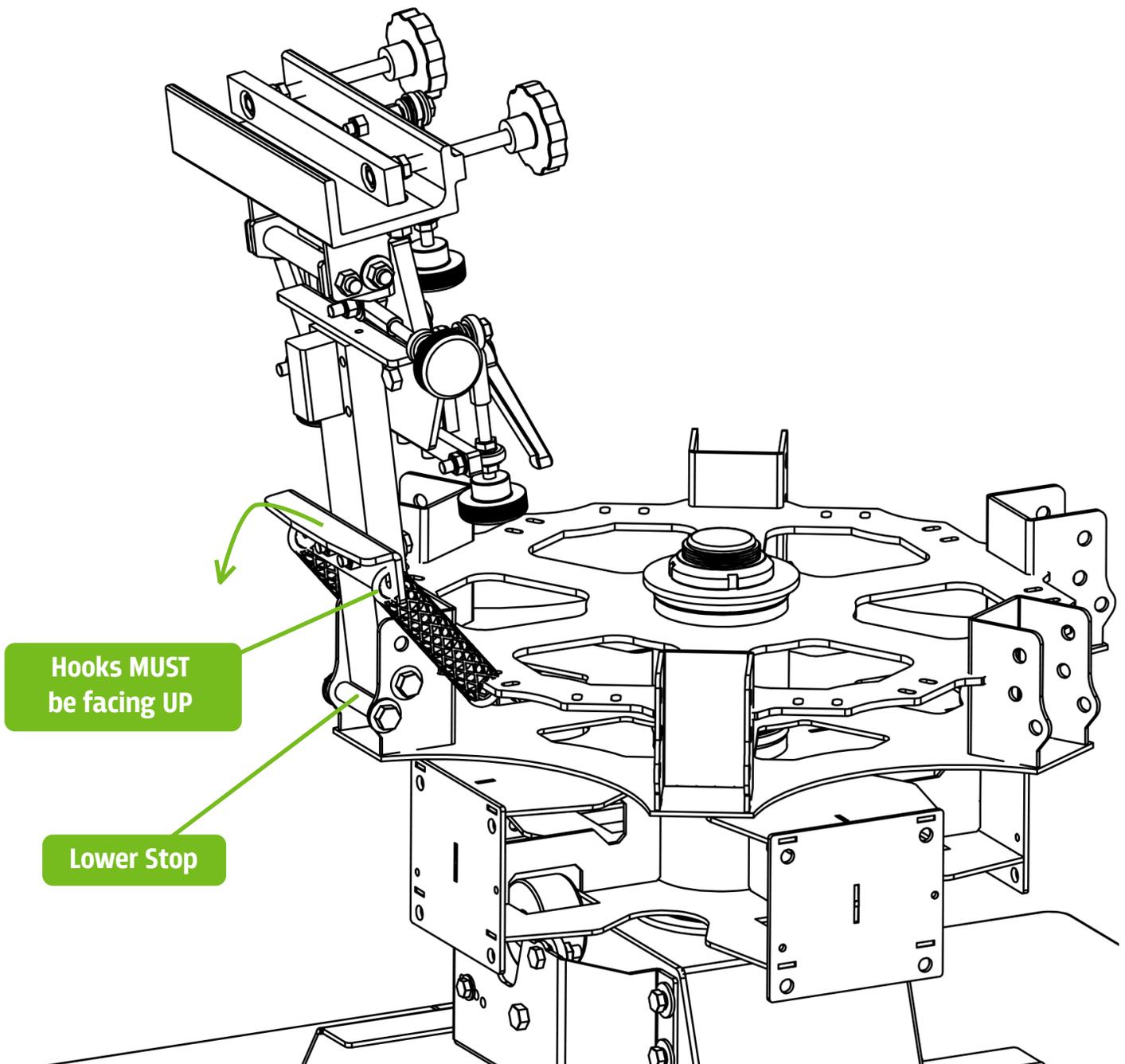
Tag	NAME/ID	DESCRIPTION	Qty.
1	PRHD-SCW#10NFX2	10-32 PHILLIPS PAN HEAD MACHINE SCREW X 2" LONG	4
2	PRHD-FDRWA3/16X3/4	3/16" X 3/4" O.D. FENDER WASHER ZINC PLATED	8
3	PLWD-LSCRTSTIF	16" X 20" MDF TABLETOP STIFFENER	1
4	PRHD-NYN5/16NCGR5ZC	10-32 KEPS NUT ZINC	4



Step 1

Install the spring assemblies with the hooks facing upward. Lower the Print head assemblies until they rest on the lower stop bolt. Repeat this step for the remaining print head assemblies.

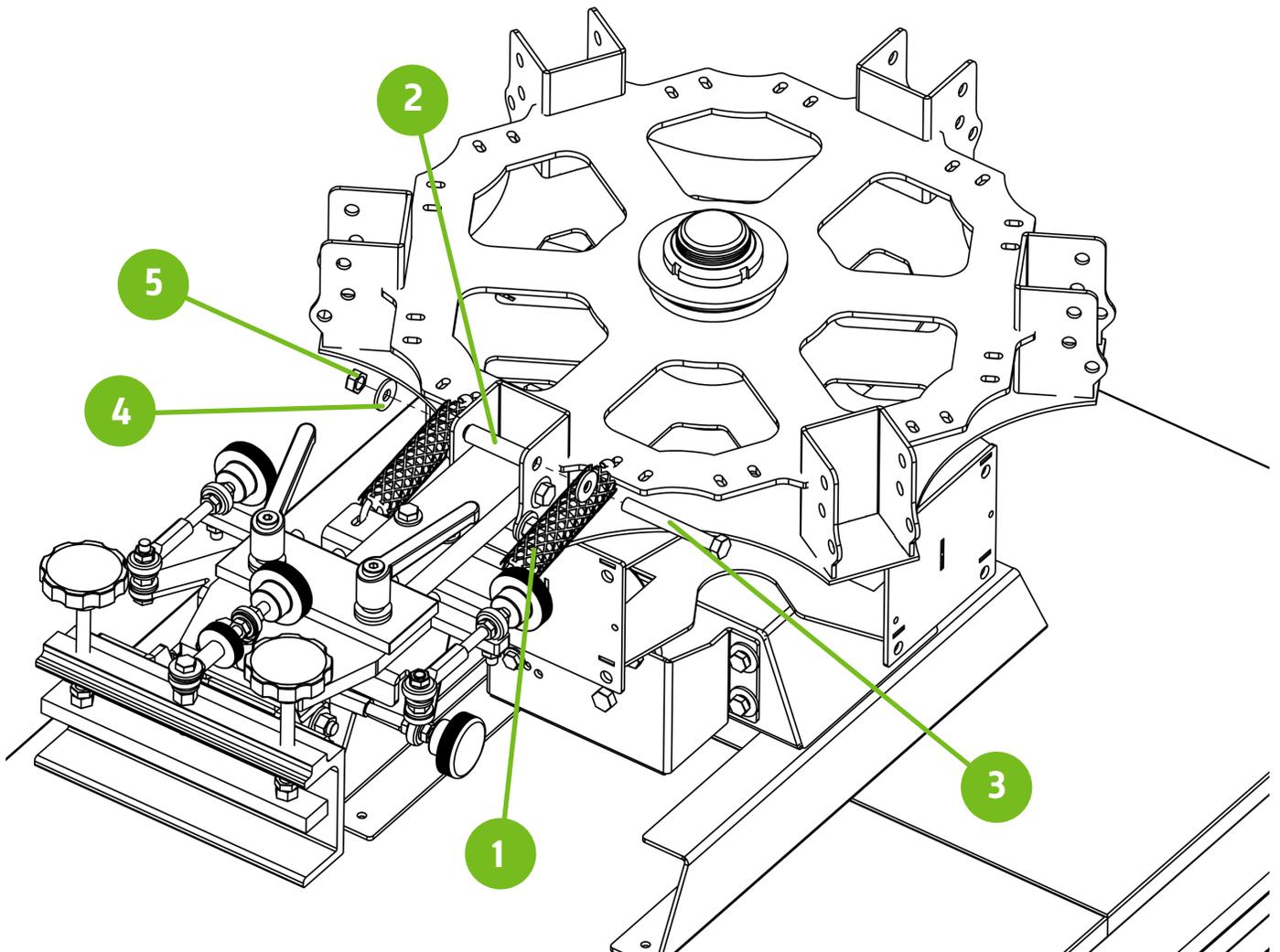
NOTE: Refer to page **16 (PRCO-RH250STOPHDWPK)** for hardware detail.



Step 2

Install the upper stop bolts and rubber sleeves. Two 9/16" wrenches are required for this step. **DO NOT OVERTIGHTEN THE BOLTS.** This will cause resistance in the print head hinge point. Repeat this step for the remaining print head assemblies.

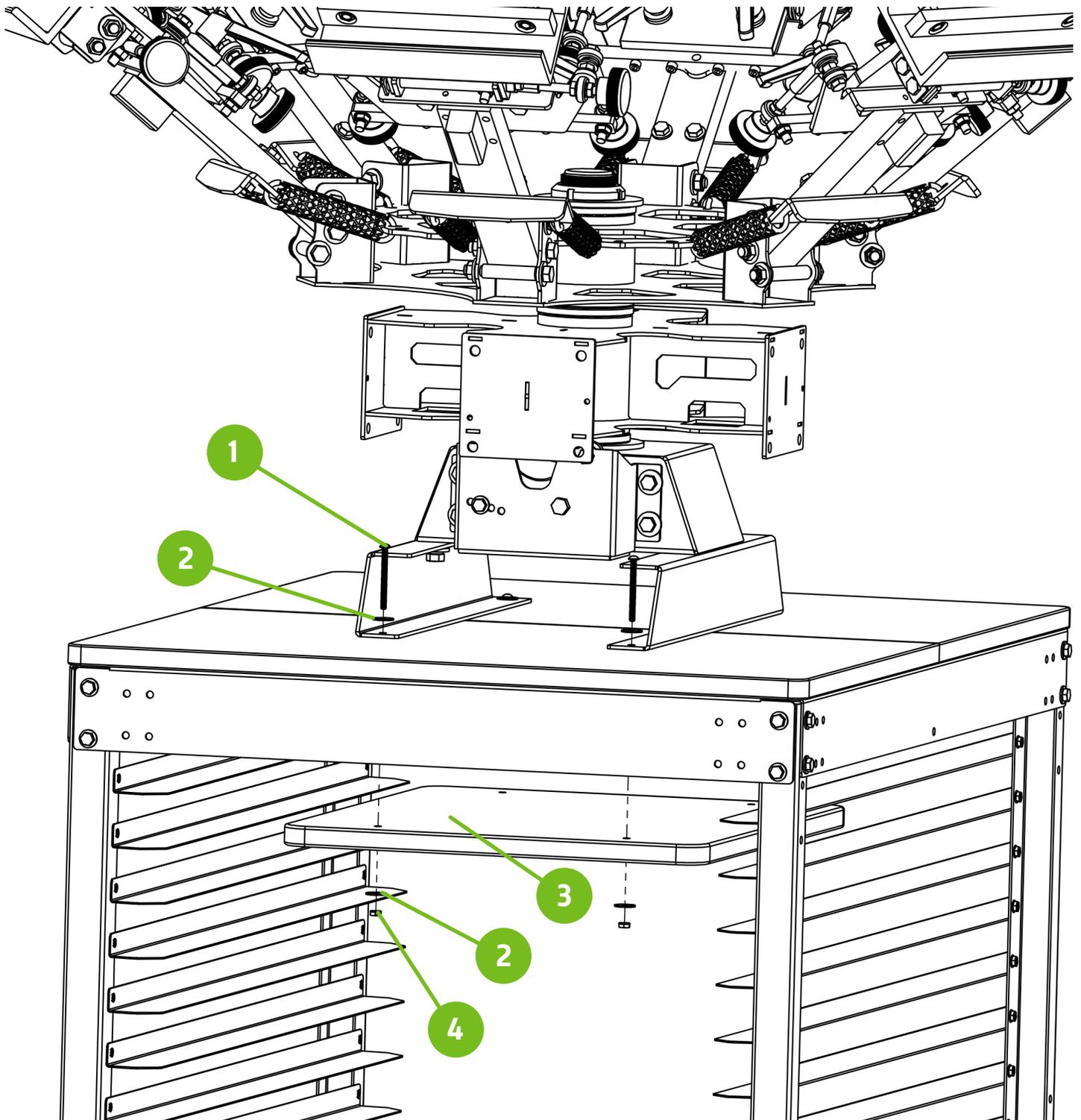
NOTE: Refer to page **16 (PRCO-RH250STOPHDWPK)** for hardware detail.



Step 3

Mount the press base to the previously assembled cart. Attach the press to the tabletop and through the lower stiffening board with supplied hardware. A Phillips screwdriver is required for this step.

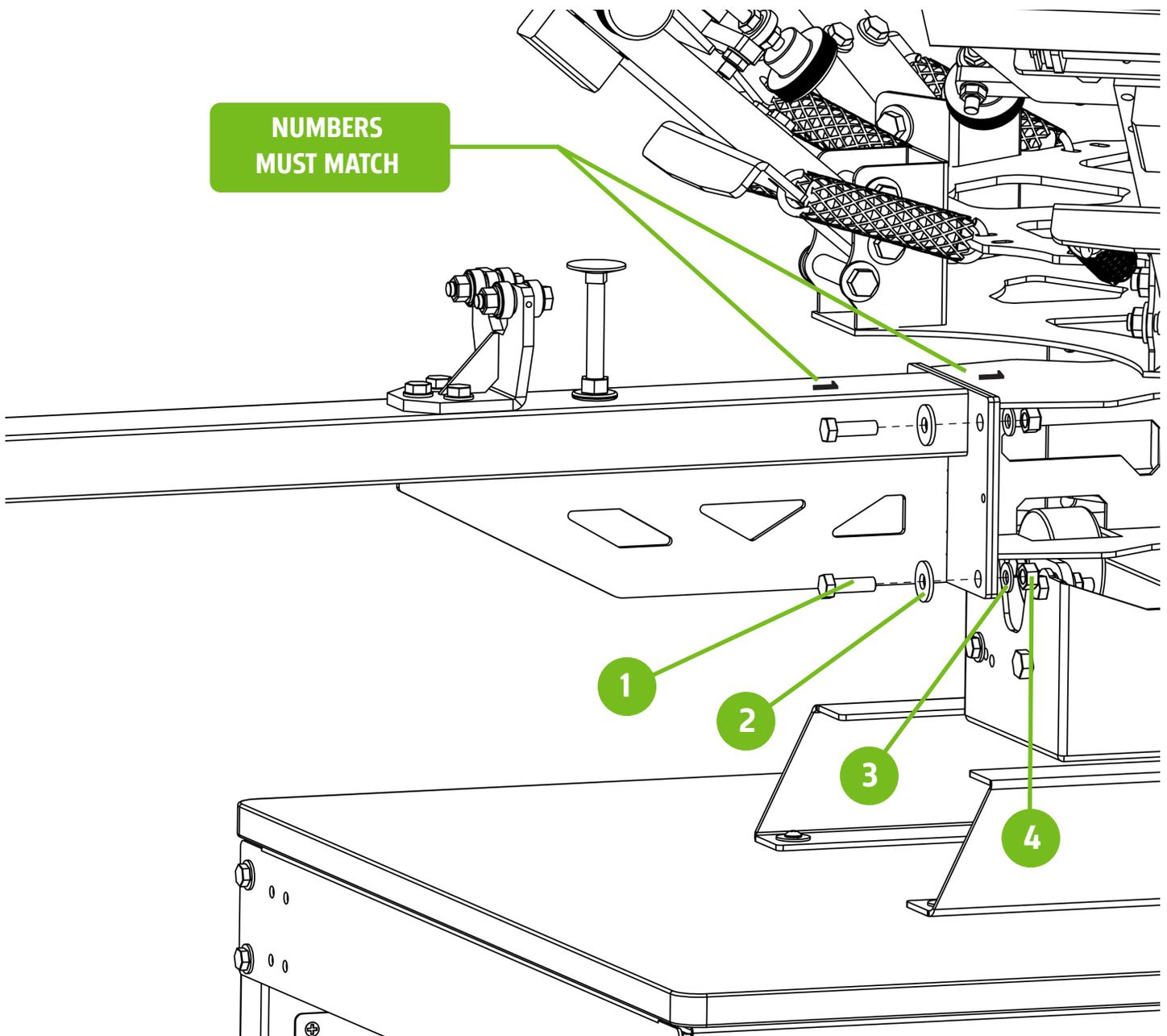
NOTE: Refer to page **17 PRSA-LSSTIFKIT** for detail.



Step 4

Install the print stations with supplied hardware. Ensure the number on the print station matches the number on the center rotary. Failure to do so, will shift the platens out of alignment. Do not fully tighten at this time. They must be snug, but loose enough to adjust with bumps of the hand.

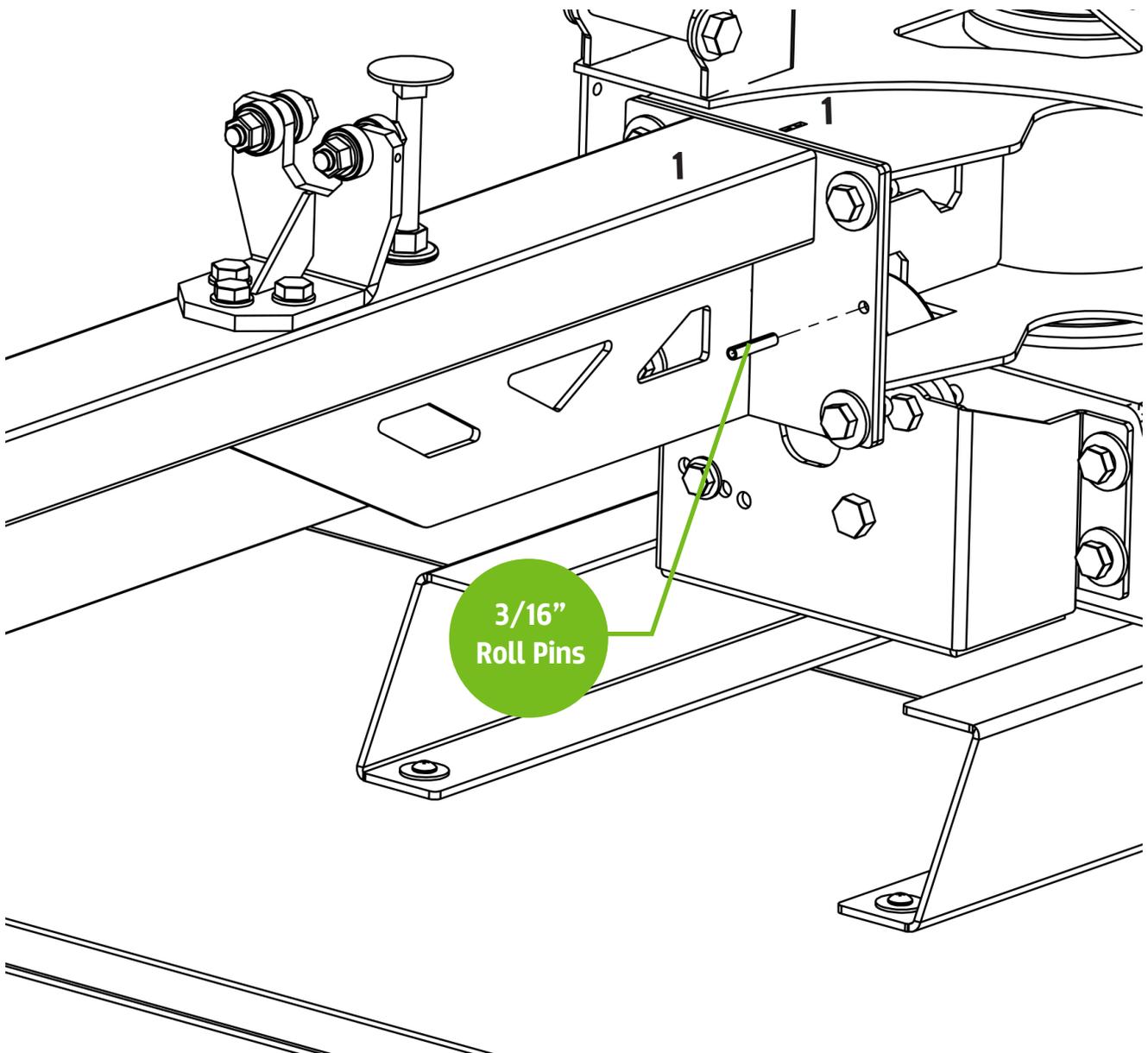
NOTE: Refer to page **15 (PRCO-RH250SKIT)** for hardware detail.



Step 5

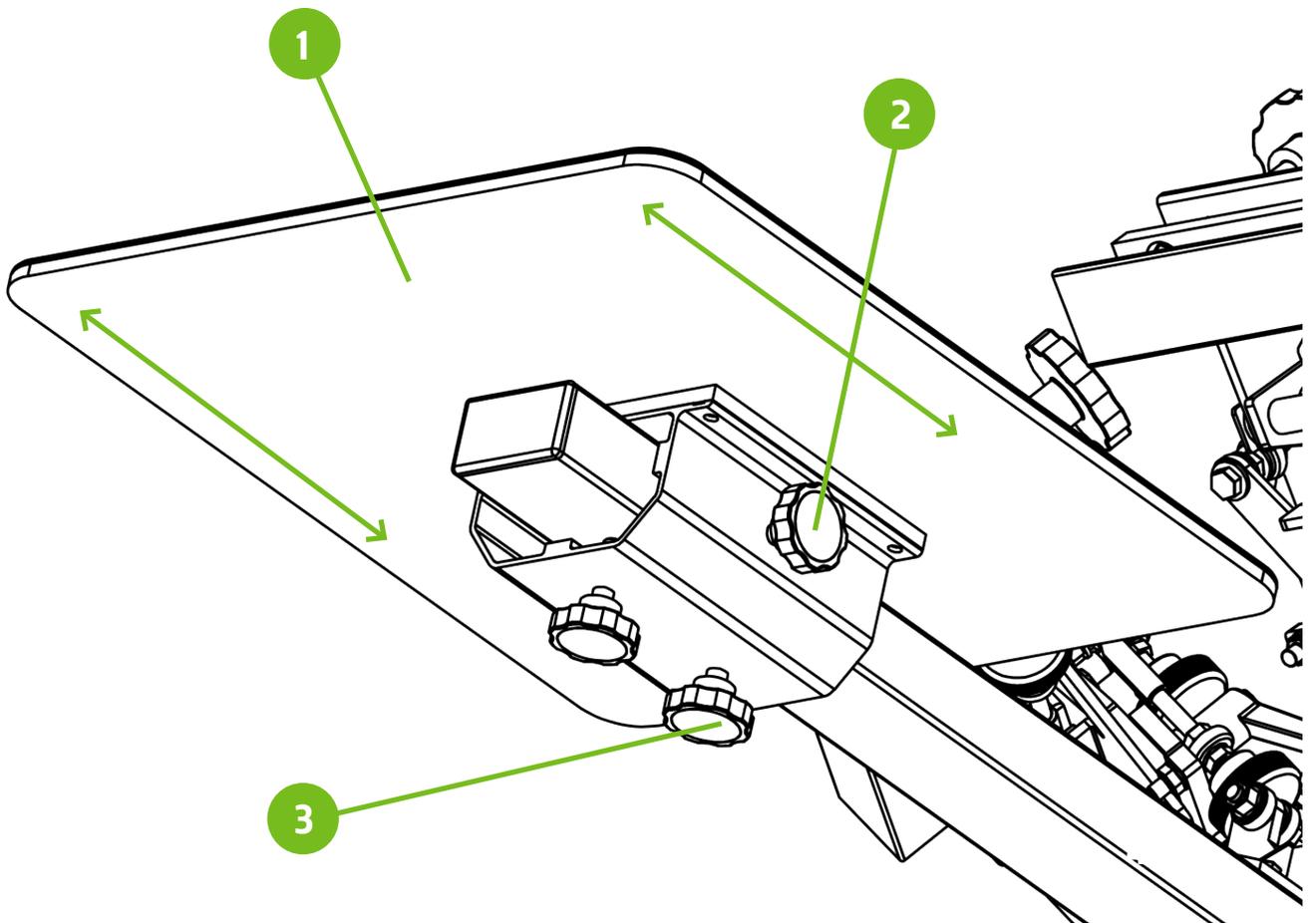
Install the 3/16" roll pins to locate the print station. Tap print station to align holes visually as close as you can. This is a factory setting that ensures your platens are aligned to each other. Tap them in approx. 1/2" with a hammer. After pins are seated, fully tighten the print station hardware.

NOTE: Refer to page **15 (PRCO-RH250SKIT)** for hardware detail.



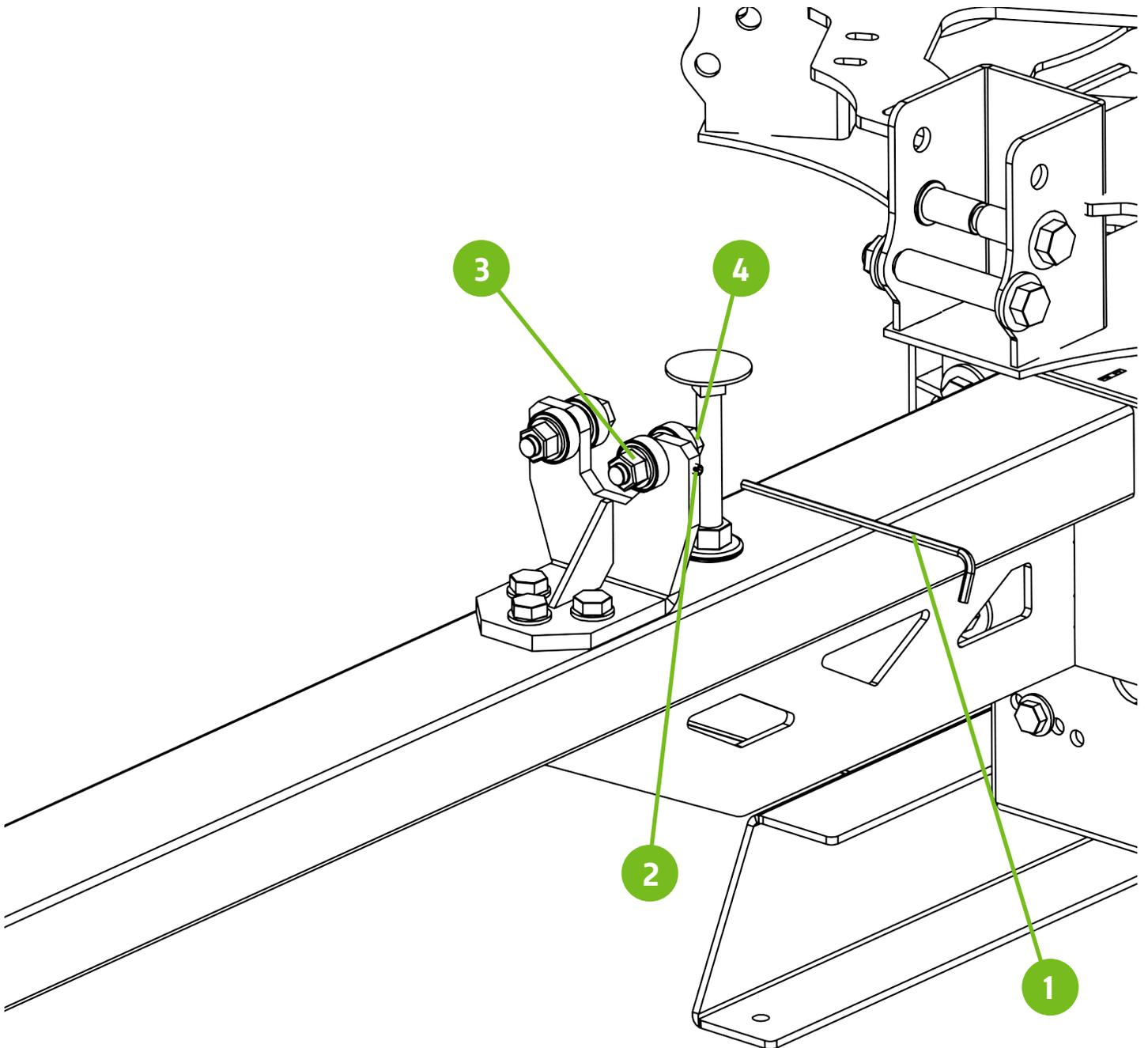
Step 6

Install the platen assembly (1) onto the tubular arm of the press. When platen is in desired location, first lock down the side knob (2). Lastly, tighten down the lower locking knobs (3). The platen can be adjusted front-to-back to help position the image onto the desired location of the substrate.



Step 7

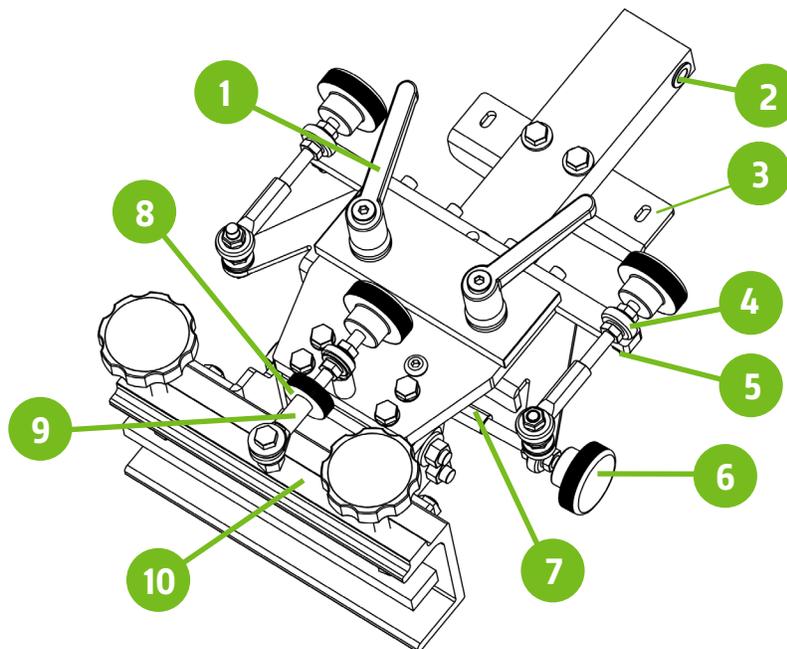
To adjust the locking tightness of the bearing gate assembly, first slightly loosen the 5/16" hardware (3) on the set screw side of the gate with the supplied Allen wrench (1). To tighten the gate, turn set screw (2) clockwise toward the stud holding bearings. Once in desired position, retighten the 5/16" hardware. Two 1/2" wrenches are required for this step.



PRSA-LSPNTHEAD

LEE STUART SPECIAL EDITION PRINT HEAD ASSEMBLY

Tag	NAME/ID	DESCRIPTION	QTY
1	PRCO-KNBRCHT3/8NCFM	3/8 -16 INCH COURSE RATCHET HANDLES	2
2	PRCO-BRNZB3/8ID1/2LG	3/8" X 1" SINTERED BRONZE BUSHING	2
3	MFPD-LS250SPGPLT	LEE STUART 250 COLOR ARM SPRING PLATE	1
4	PRCO-RDED5/16RHML	5/16"-24 RIGHT HAND MALE ROD END	3
5	PRHD-SCRWCVR5/16	5/16" RUBBER SCREW COVER	2
6	PRCO-KNBKN-L5/16NF2-3/4ML	1-3/4" KNURLED KNOBS 5/16-24 X 2-3/4" STUD	4
7	PRCO-RDED5/16RHFMLS	5/16"-24 RIGHT HAND THREAD FEMALE ROD END-LONG SHANK	3
8	MFMS-LSTLTKNB	5/16-24 LEE STUART MACHINED TILT KNOB	1
9	PRCO-RDED5/16RHFM	5/16"-24 RIGHT HAND FEMALE ROD END	2
10	PRSA-RH250CLAMP	RILEY 250 SCREEN CLAMP ASSEMBLY	1





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LIMITED WARRANTY

GENERAL PROVISIONS: The warranties described below apply ONLY to the original purchasers of new Riley Hopkins™ presses from Ryonet®, purchased on or after April 20, 2013. 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 thereto. Ryonet® will use only new or remanufactured parts or components furnished by Ryonet® or a Ryonet®-authorized third party.

WARRANTY DURATION: A lifetime warranty shall apply to covered Riley Hopkins™ presses, 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™ presses. HOWEVER, the following items are excluded from the scope of this warranty: expendable parts (including but not limited to bearings, springs, nylon bolts, oilites 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 bearing 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 of 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™ press(es).

Written authorization must be obtained from Ryonet® before any part will be accepted. In order to return such defective part, contact Ryonet® to return such part freight prepaid. Replacement parts are sent out freight collect. Parts sent out prior to receiving defective part will be sent C.O.D., cost plus freight. Upon return of defective part, if it is deemed that the part was not damaged by customer but failed, the cost of the replacement part will be refunded.

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ADDITIONAL INFORMATION

For additional information concerning the Riley Hopkins™/Ryonet® Press Warranty, contact support@ryonet.com or 1-800-314-6390

Riley Hopkins®