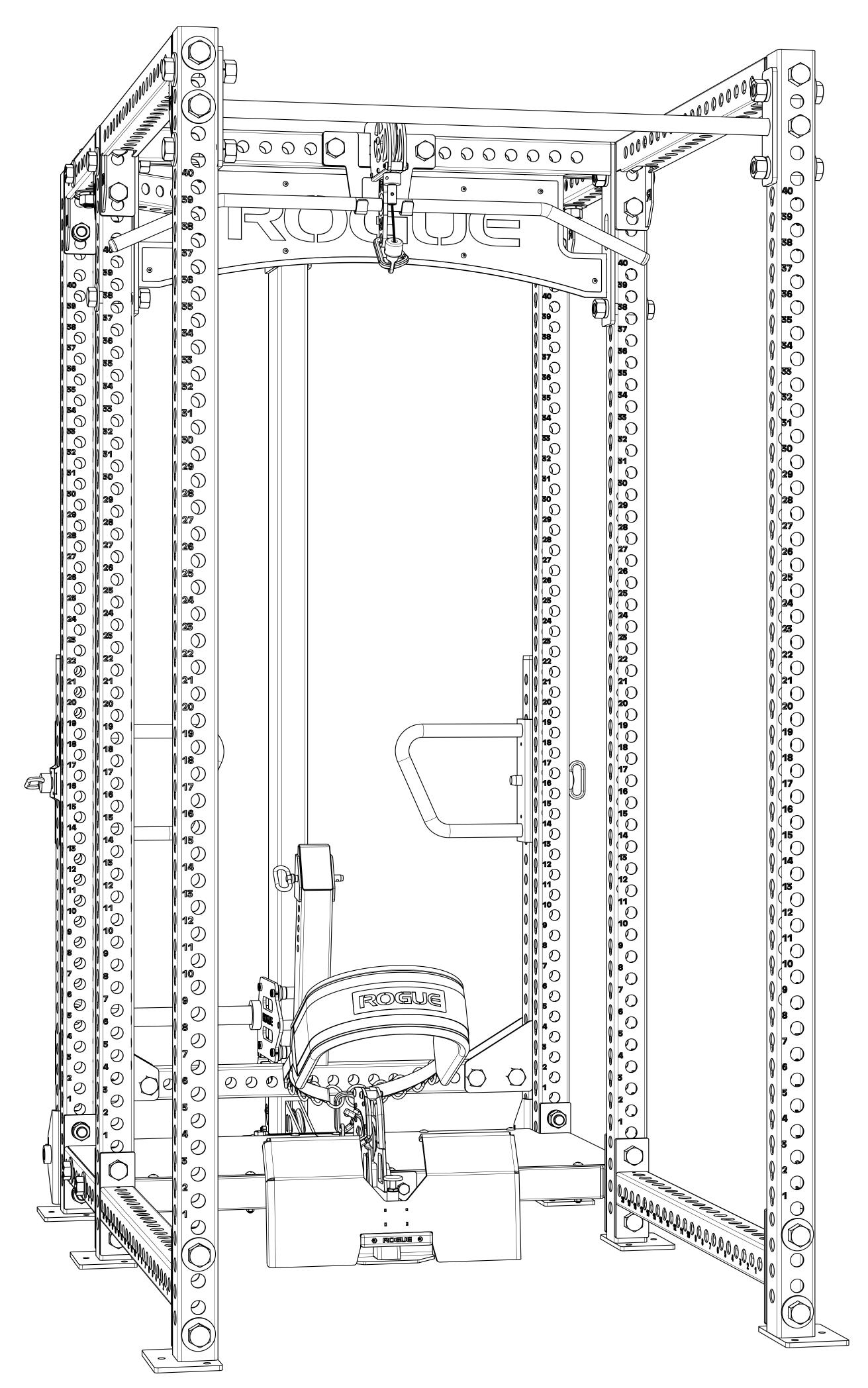
# ROGUE® MONSTER RHINO RACK TRAINER



### **MIMPORTANT SAFETY INFORMATION**

#### **DISCLAIMER:**

Resistance training, gymnastics training, and activities at height are potentially dangerous and may lead to severe injury or even death. Use common sense when training, obtain instruction in the proper execution of movements, and understand your limitations. This equipment must only be used by competent and responsible persons. Obtaining instruction in appropriate techniques and methods of use is your own responsibility. You assume all risks and responsibilities for all damage, injury or death which may occur during or following incorrect use of this equipment in any matter whatsoever. Rogue Fitness bears no liability beyond the replacement value of the equipment in question.

#### **WARNING:**

THIS RACK MUST BE BOLTED TO THE FLOOR BEFORE USE. MINIMUM TWO PEOPLE REQUIRED FOR SAFE ASSEMBLY. MISUSE OF THIS RACK CAN RESULT IN SEVERE INJURY.

Both Rogue Fitness and buyer disclaim any express or implied warranty, including, without limitation, warranties or merchantability and/or fitness for a particular purpose with respect to the equipment. Buyer assumes all liability to use of equipment.

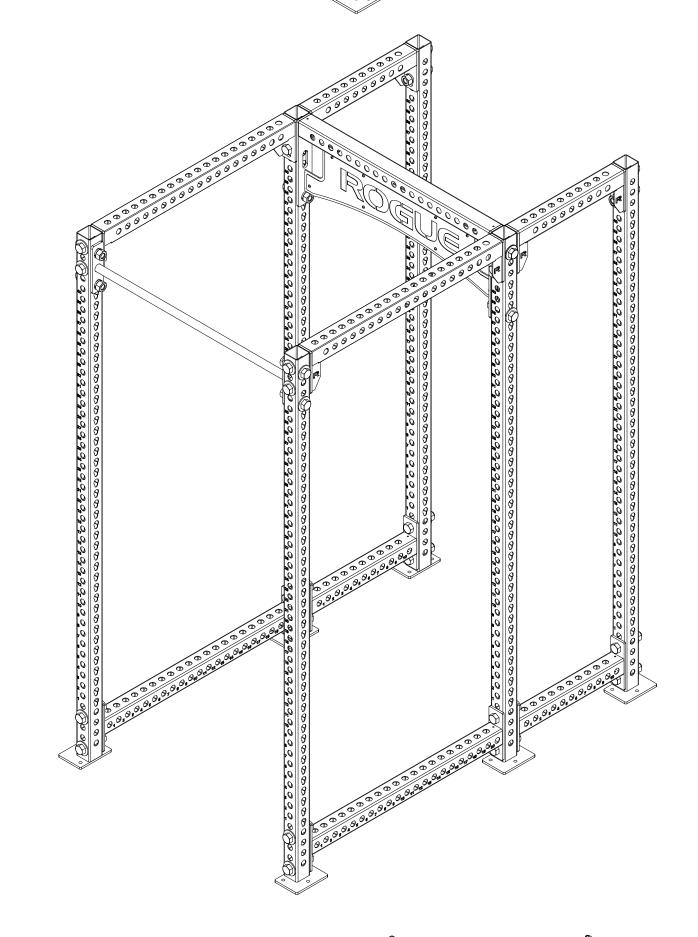
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# **RM-6 RACK**

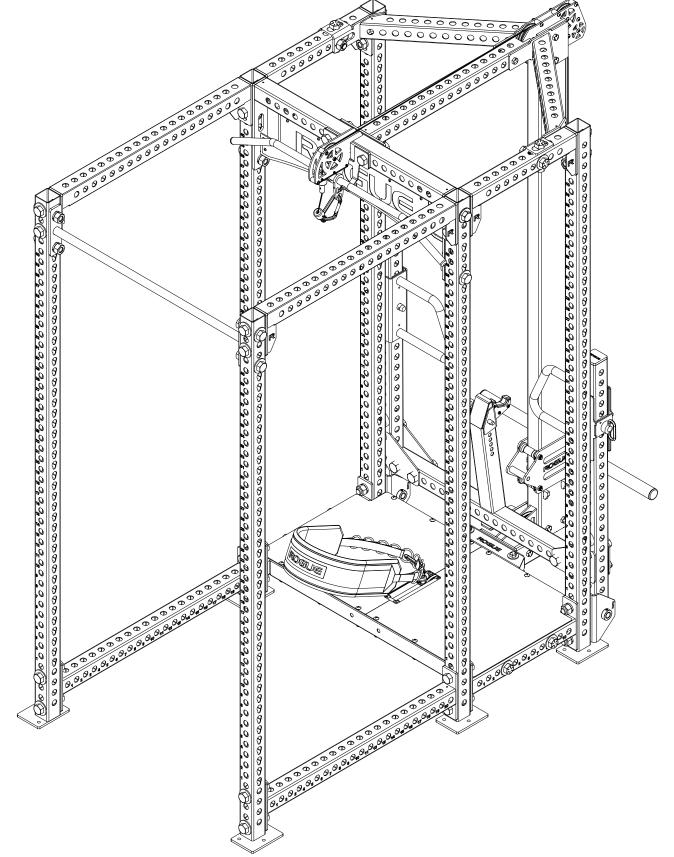
Assembly...

Included Tools	3
Included Parts	5
Assembly	14

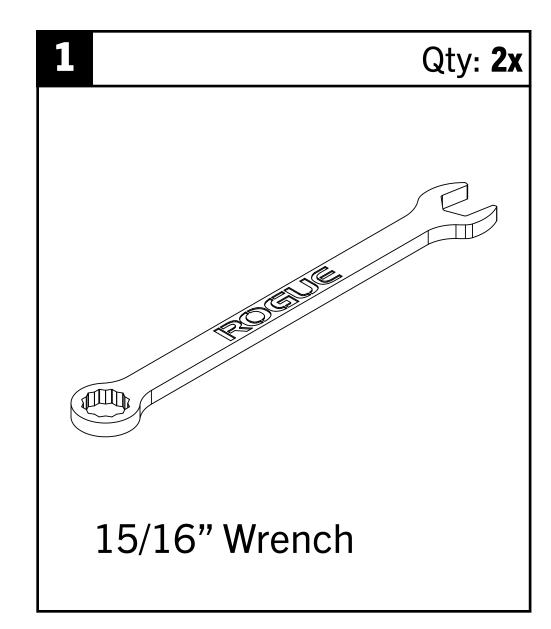


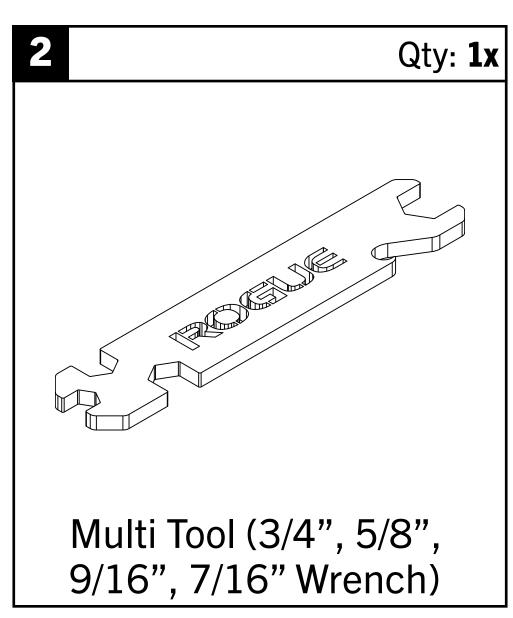
# **RHINO ADD-ON KIT**

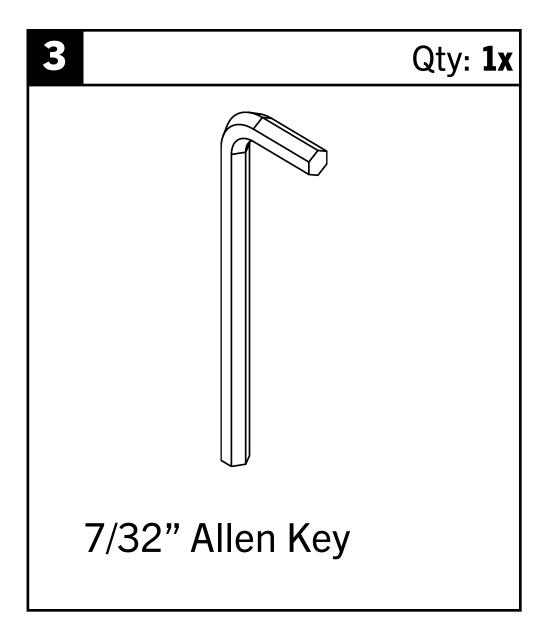
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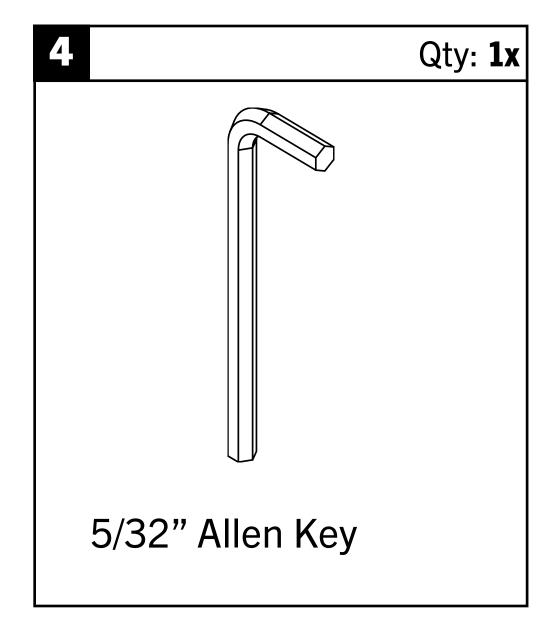


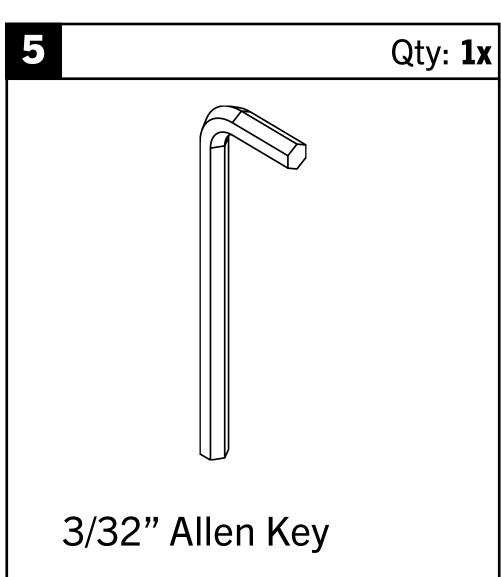
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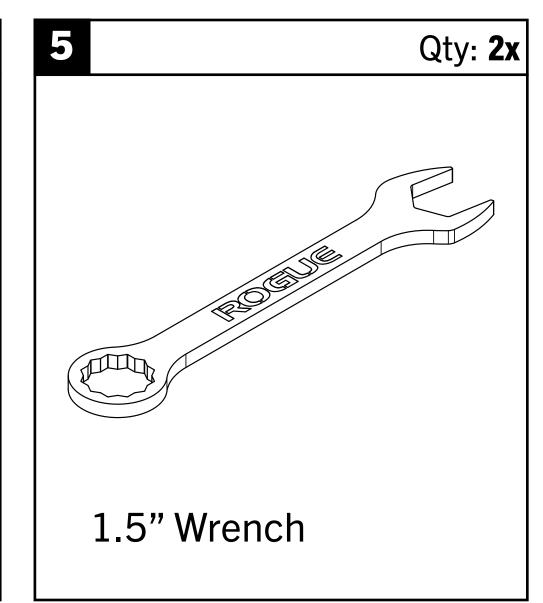




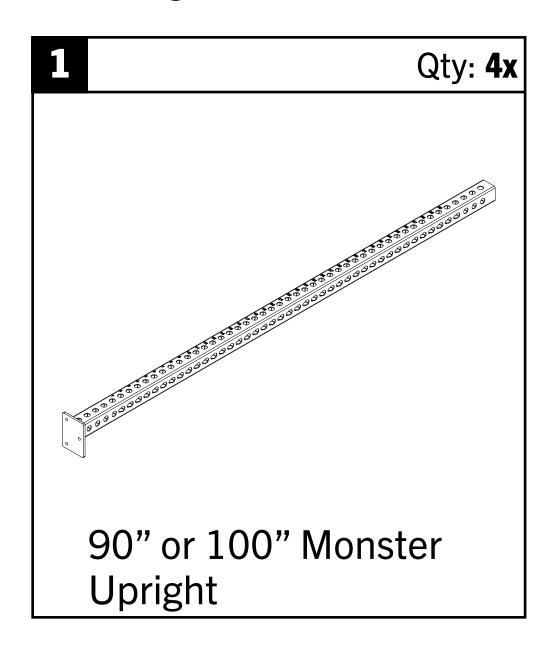


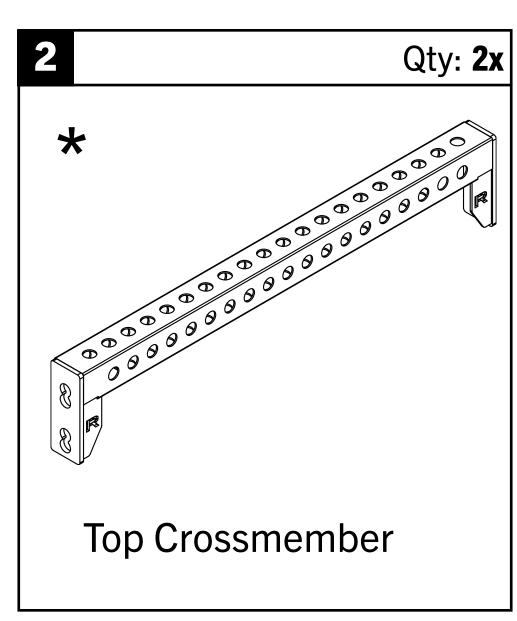


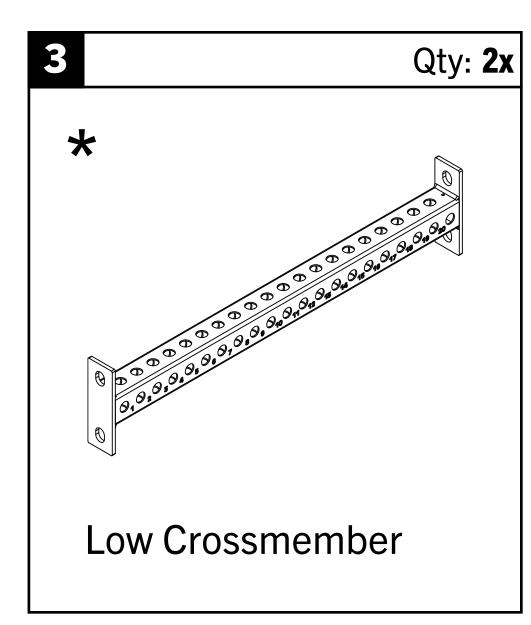


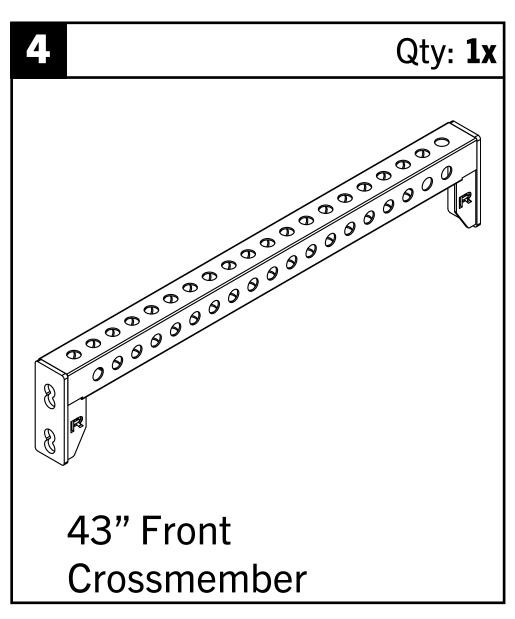


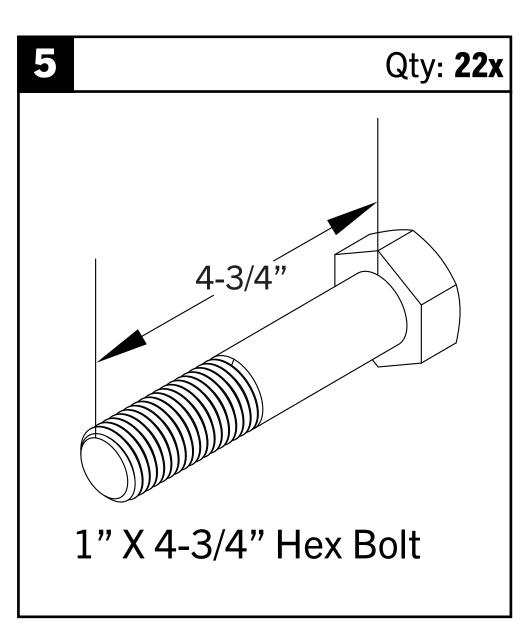
#### **INCLUDED PARTS: RM-4 FULL RACK**

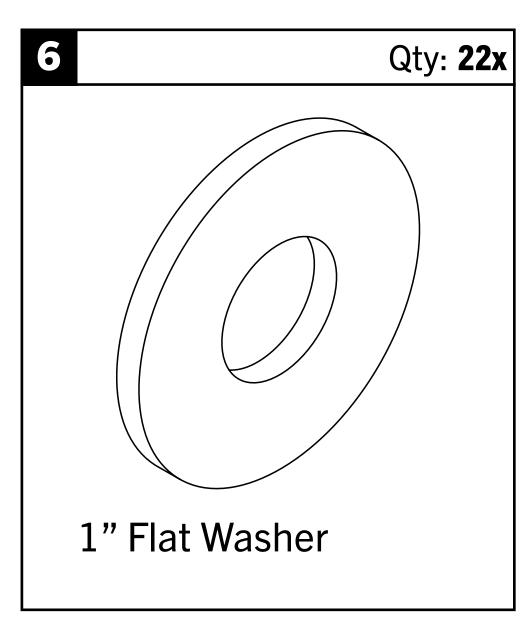


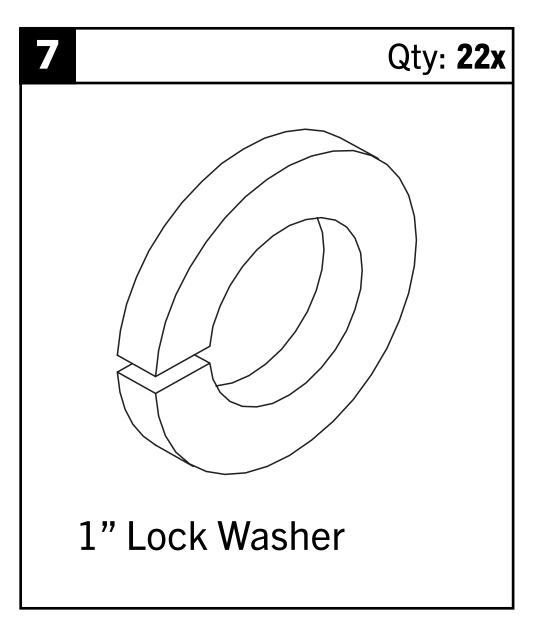


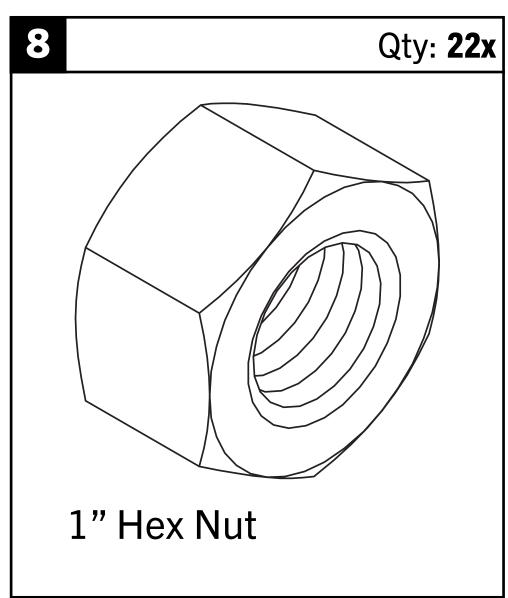


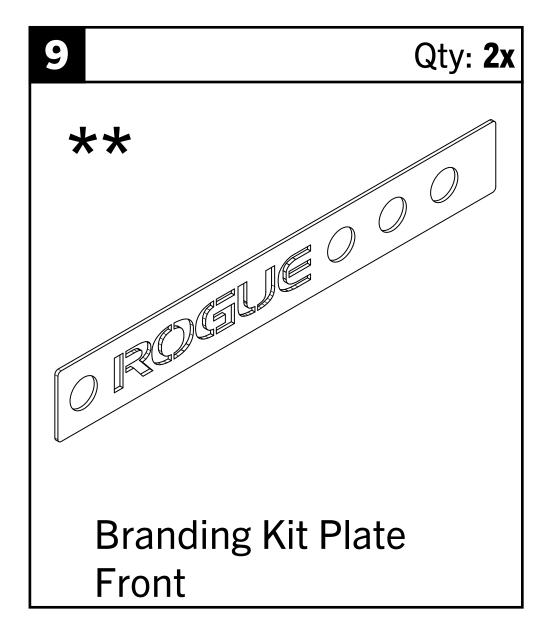


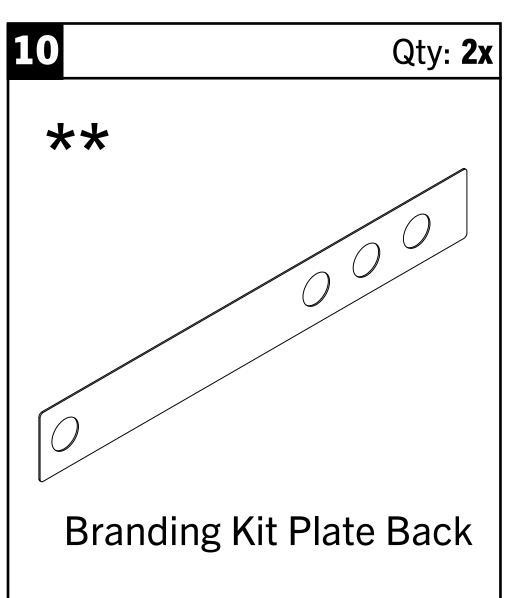








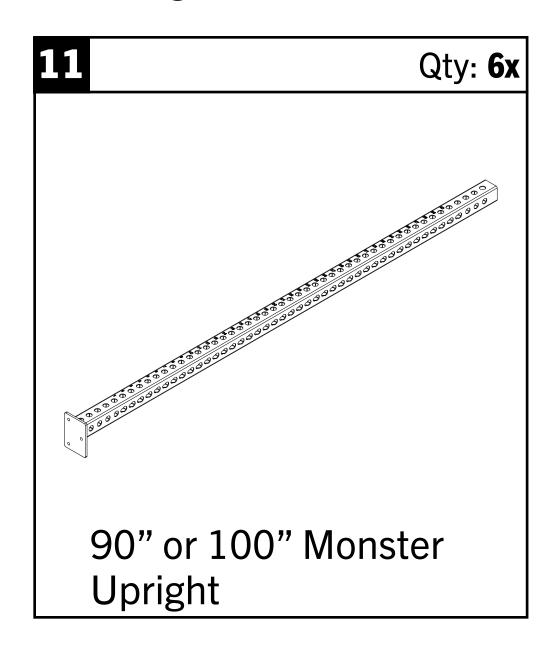


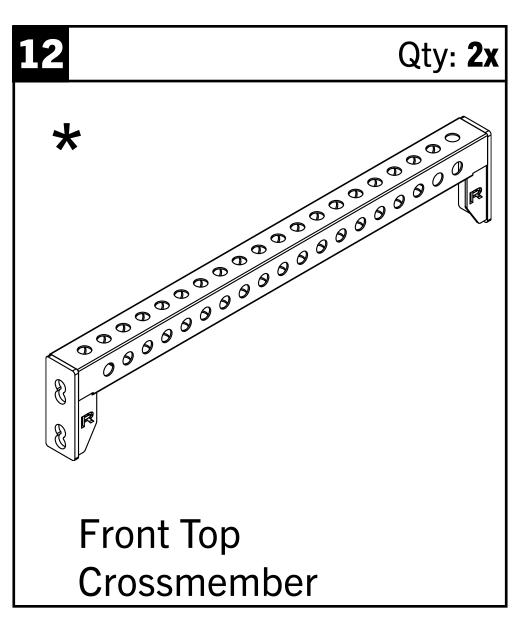


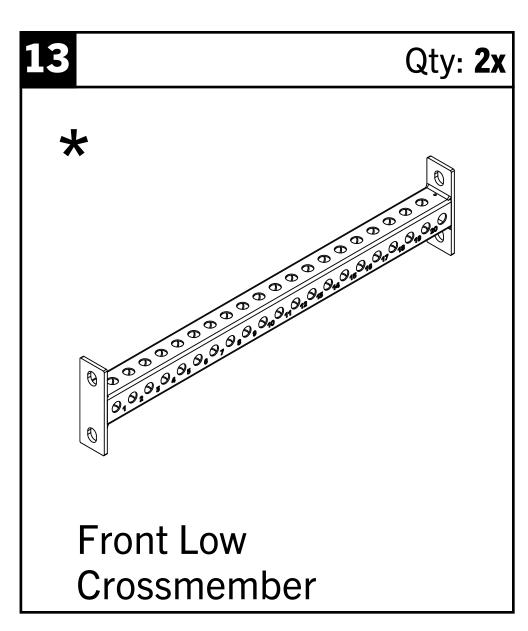
<sup>\*</sup> Crossmember length depends on Rack Depth selection made at checkout.

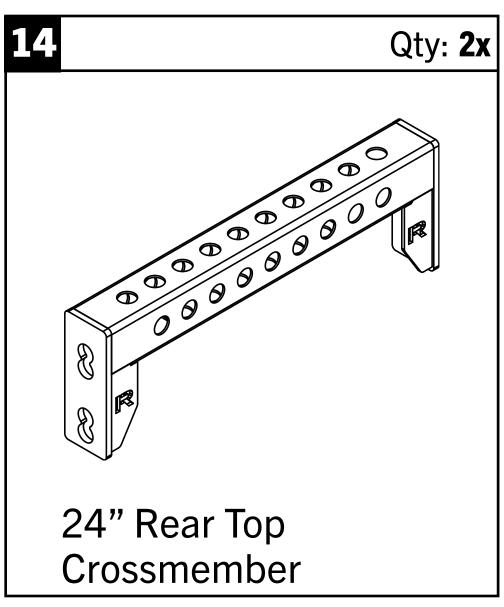
<sup>\*\*</sup> Branding Kit only included with 90" Rack.

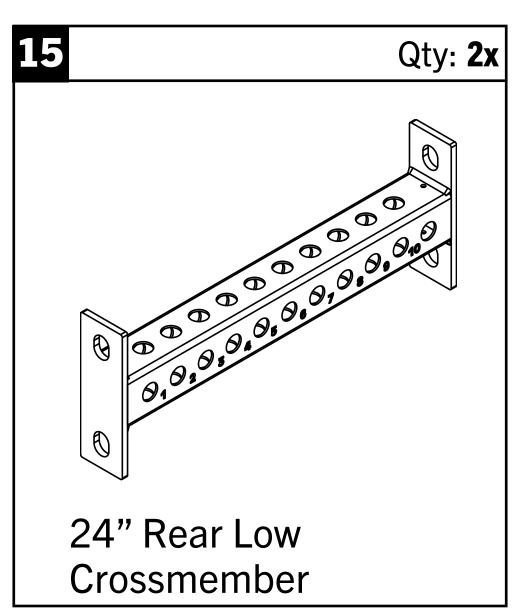
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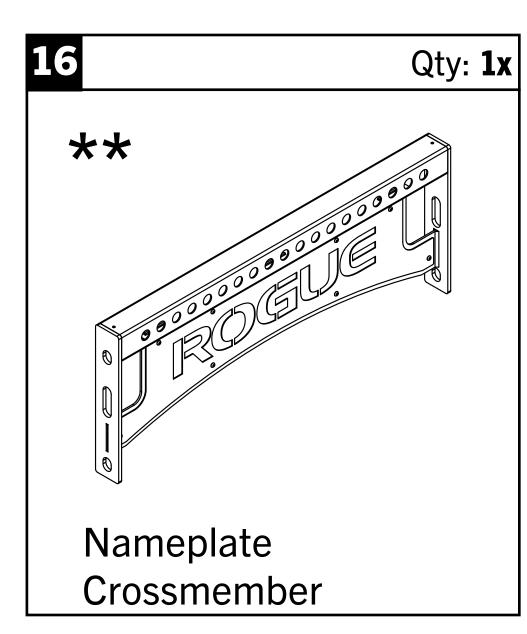


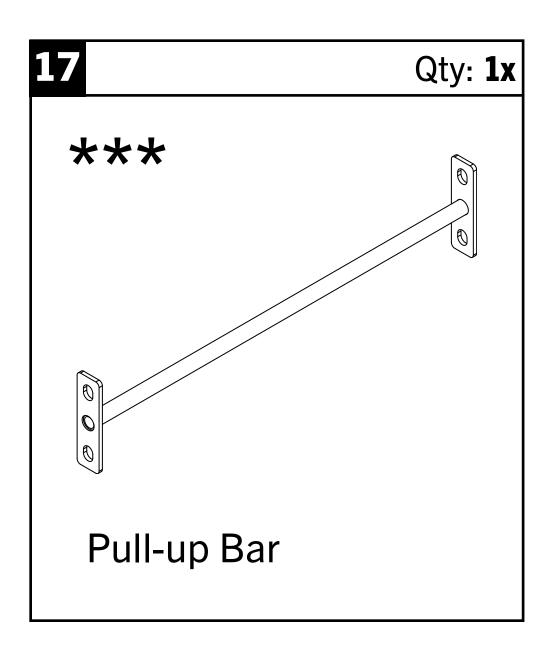


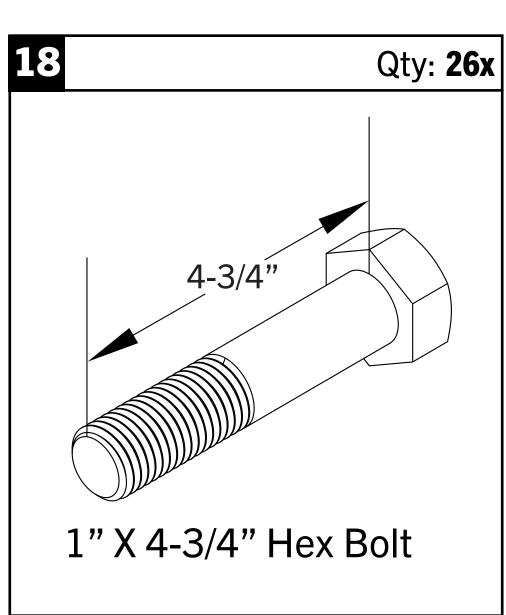


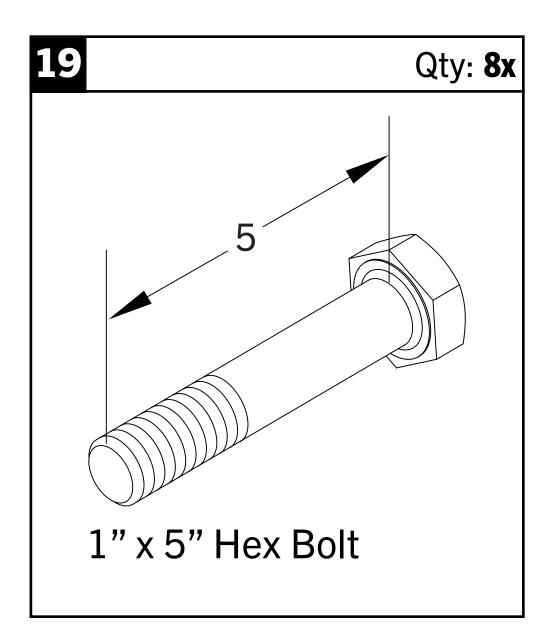


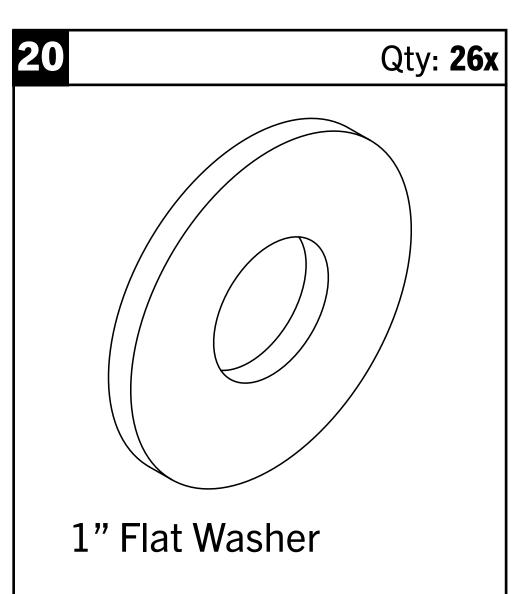


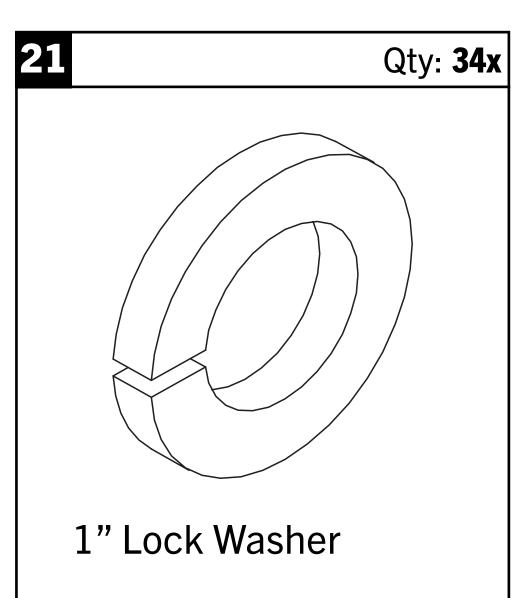


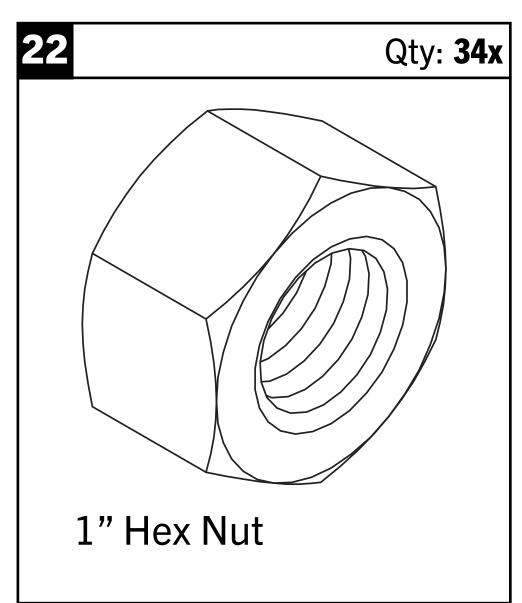






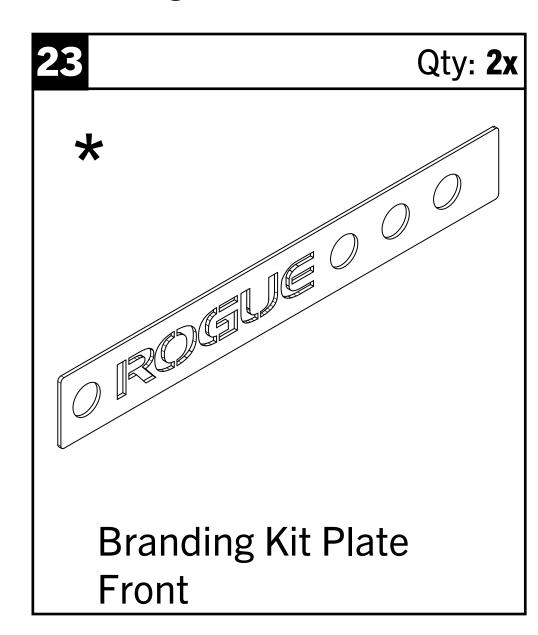


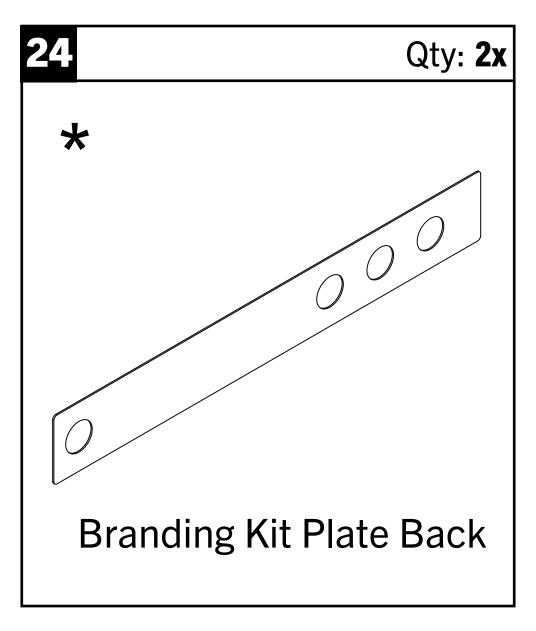




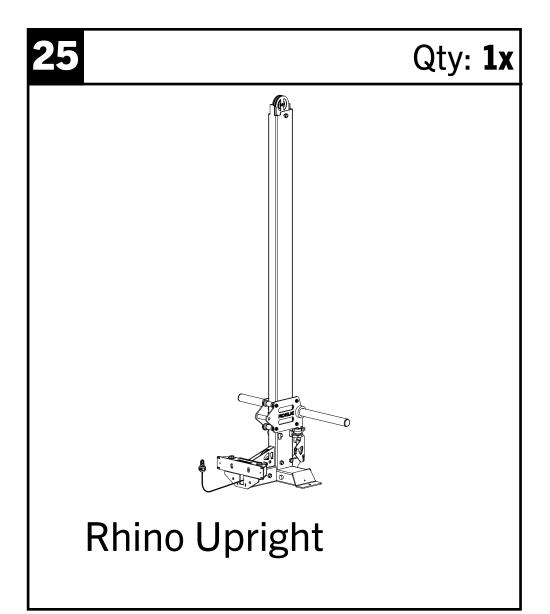
- \* Front Crossmember length depends on Rack Depth selection made at checkout.
- \*\* Nameplate Crossmember for 100" Rack, 43" Crossmember for 90" Rack
- \*\*\* Items may look different than drawings shown. Style depends on selection made at checkout.

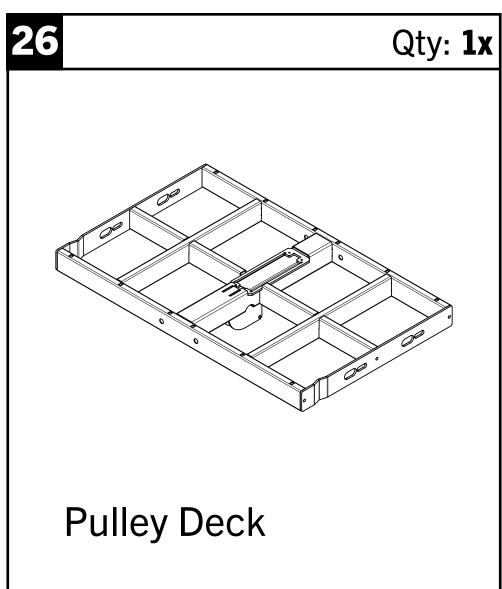
#### **INCLUDED PARTS: RM-6 FULL RACK**

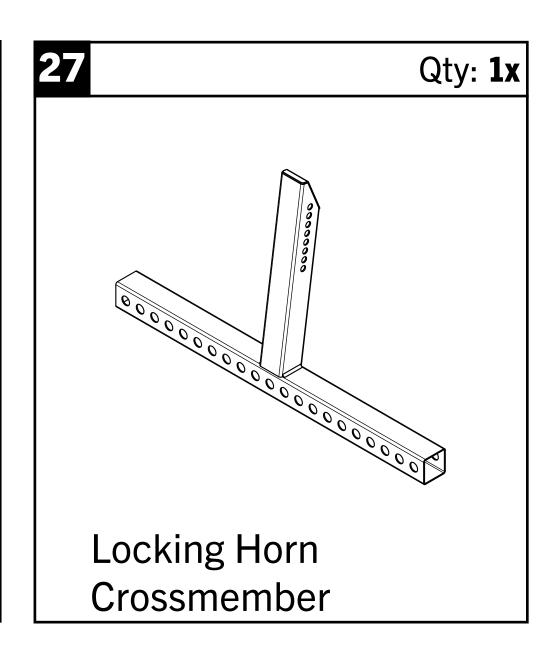


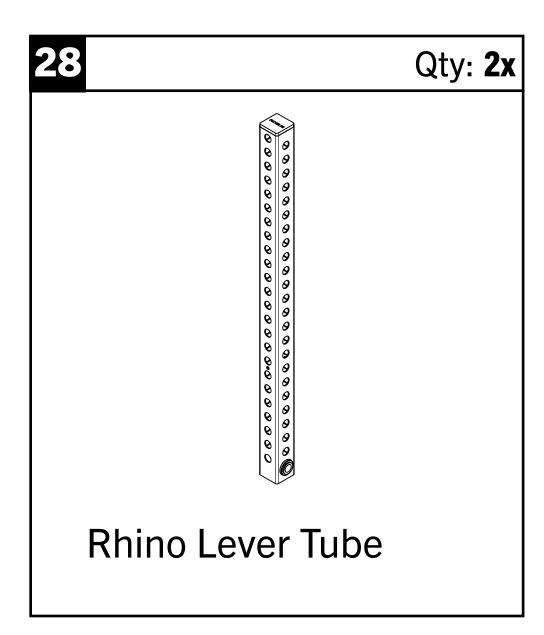


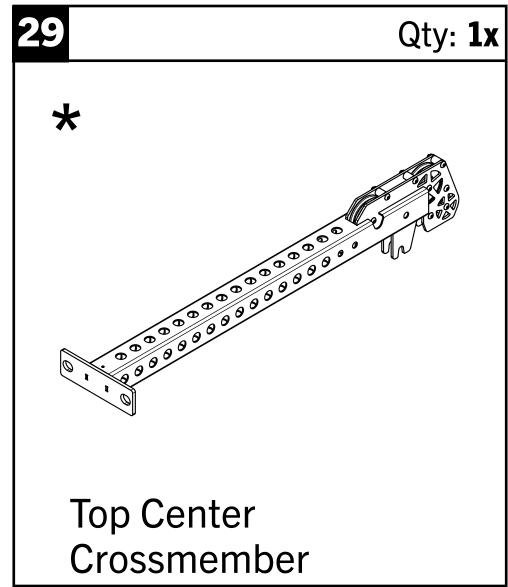
<sup>\*</sup> Branding Kit only included with 90" Rack.

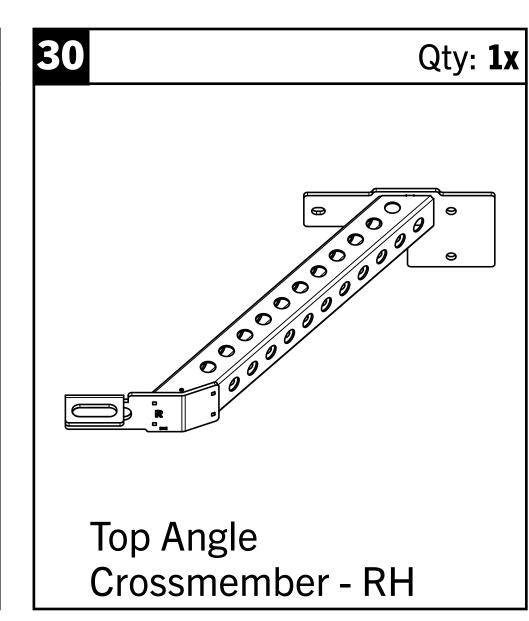


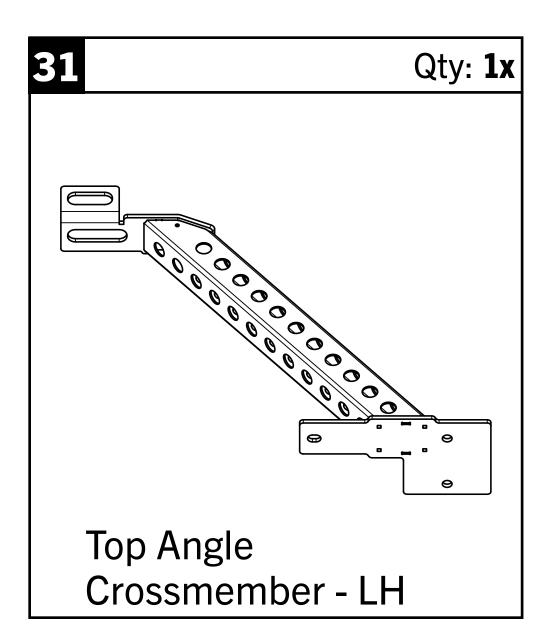


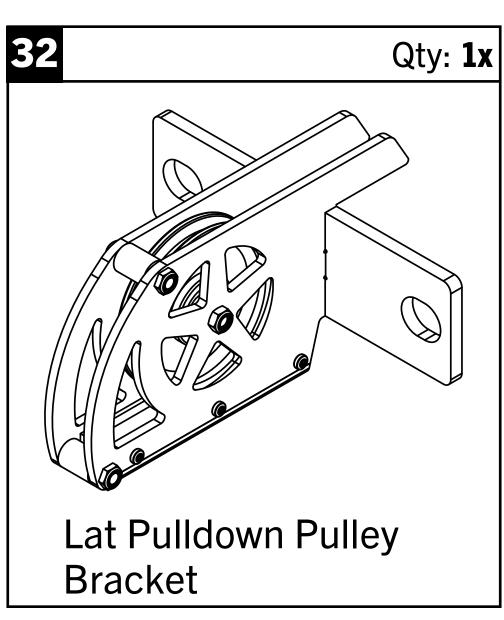


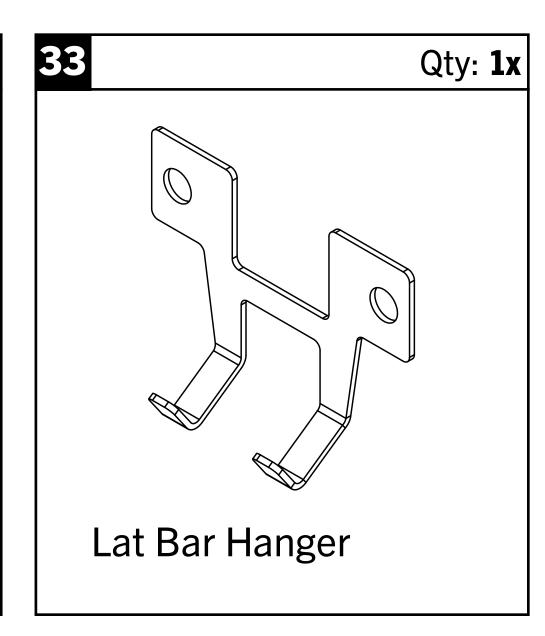


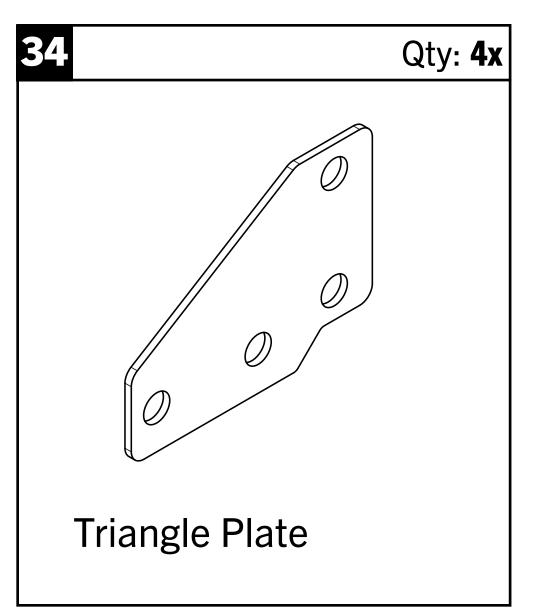




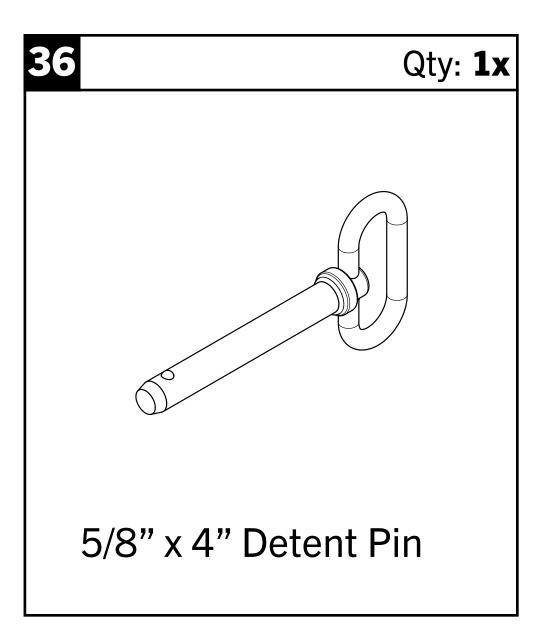




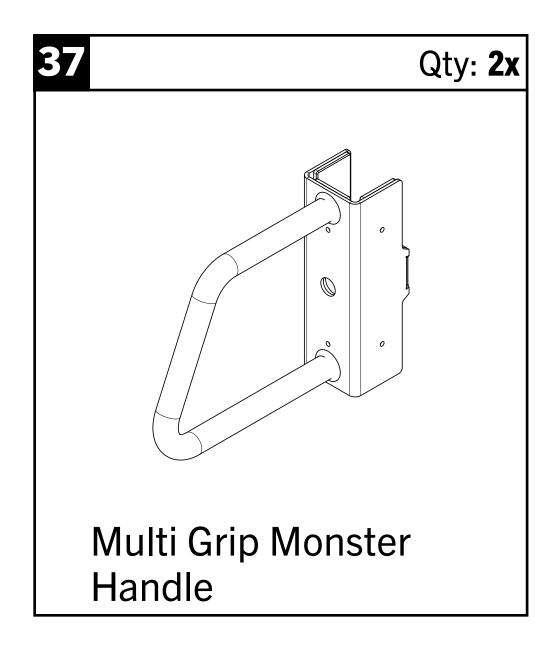


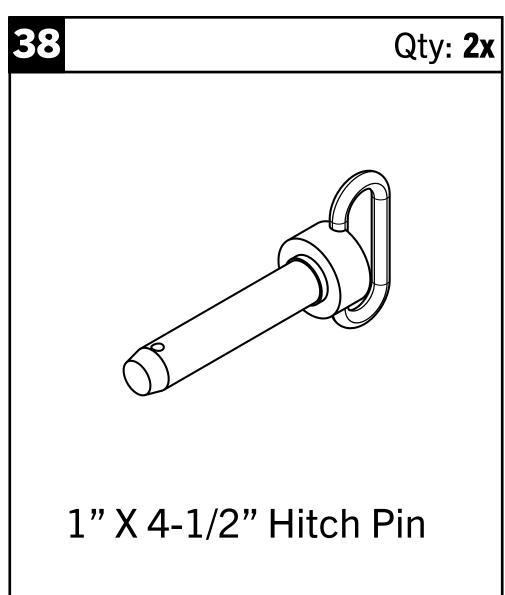


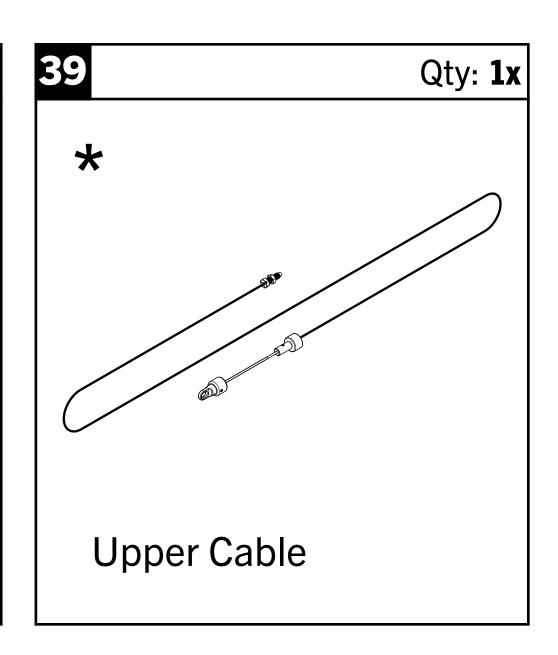


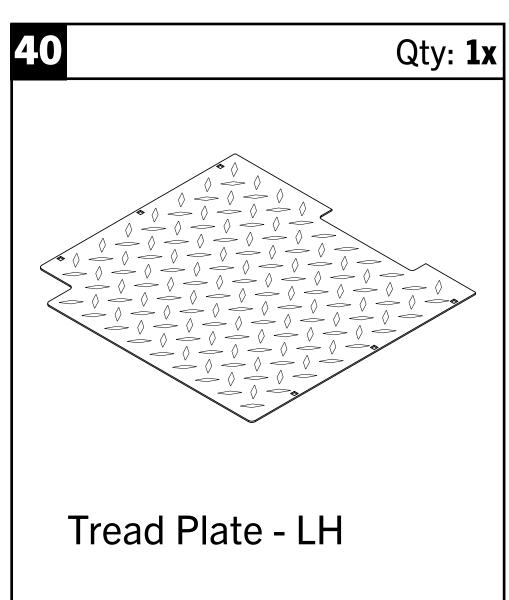


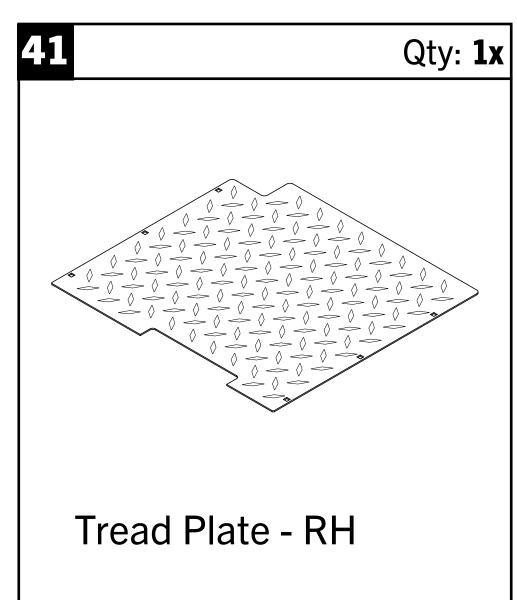
<sup>\*</sup> Top Center Crossmember length depends on Rack Depth selection made at checkout.

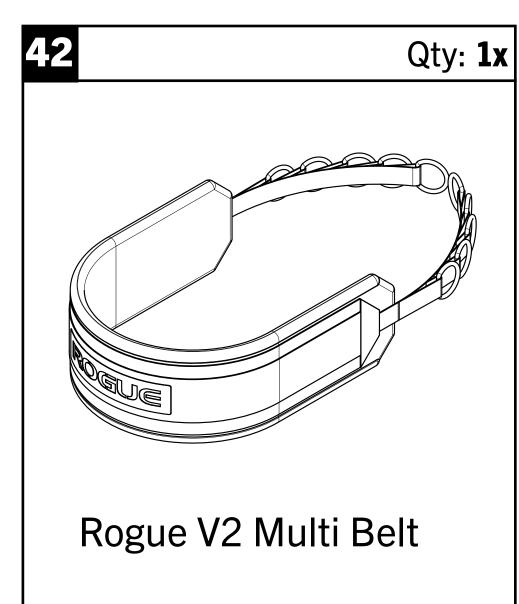


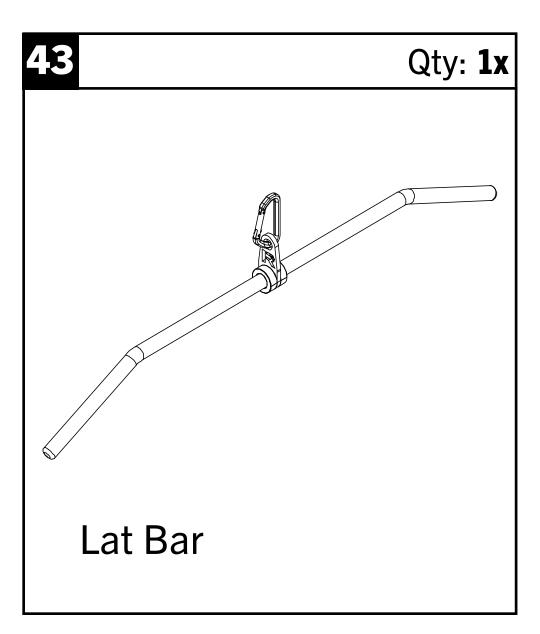


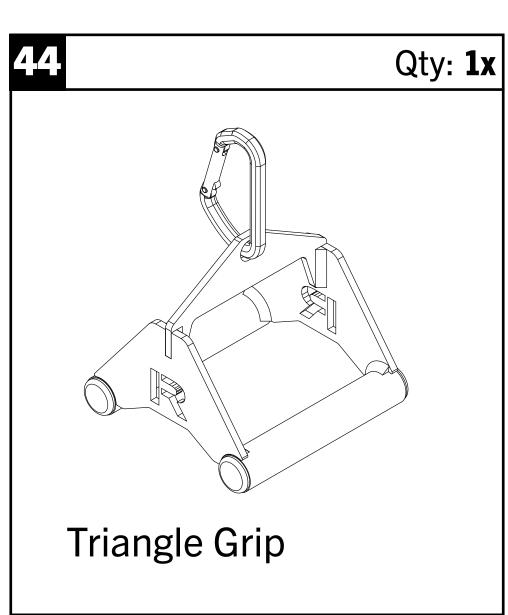


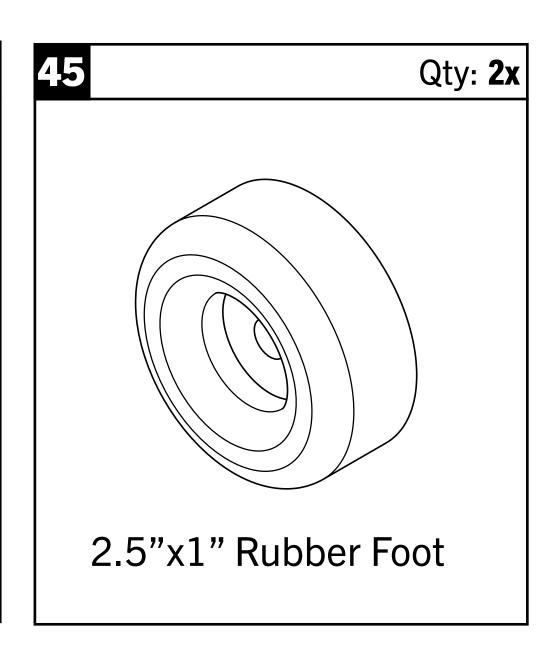


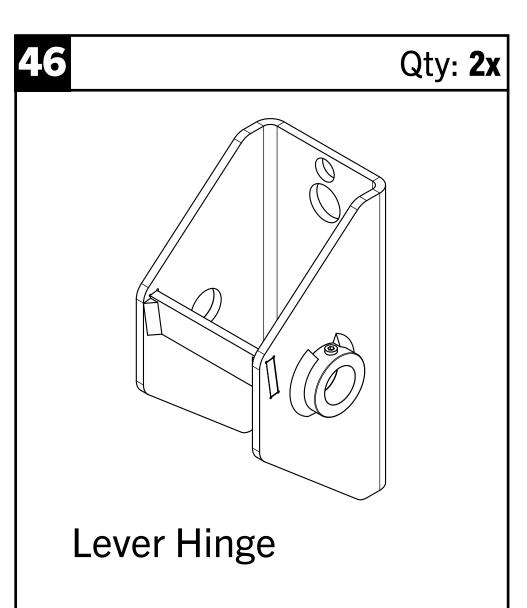


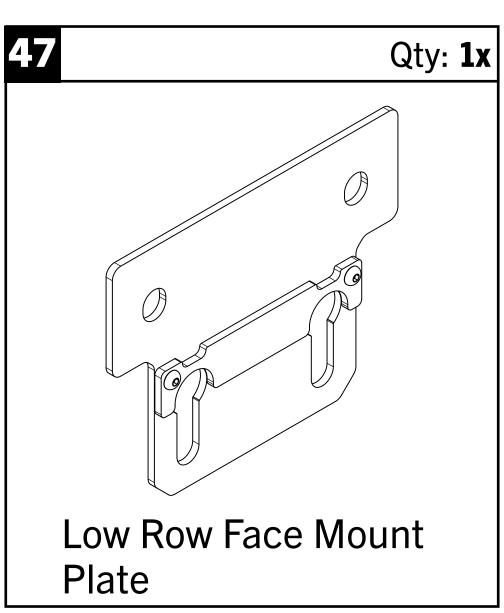


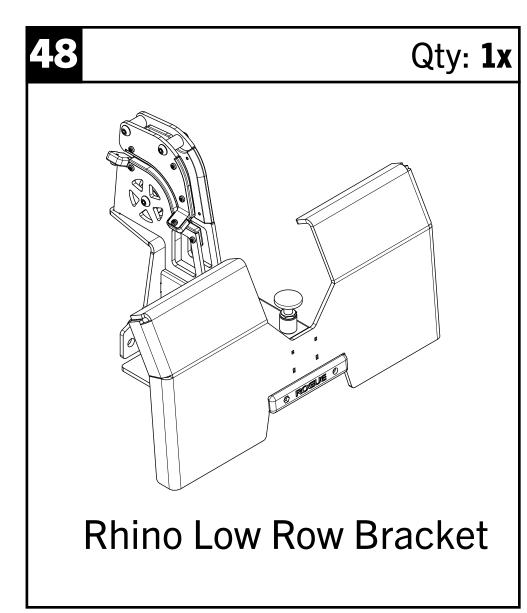




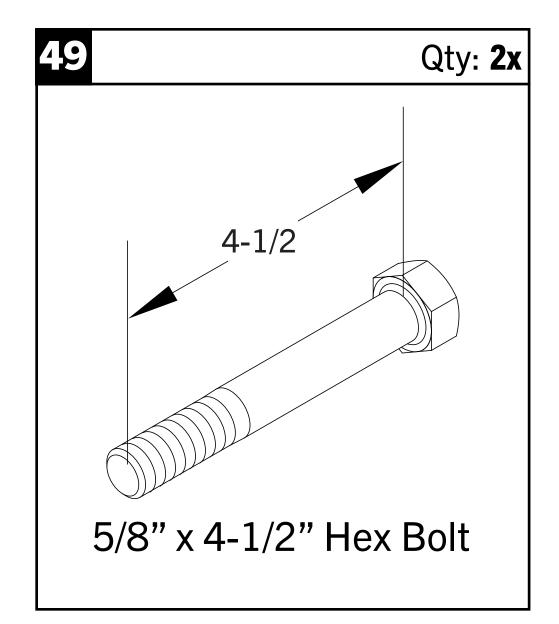


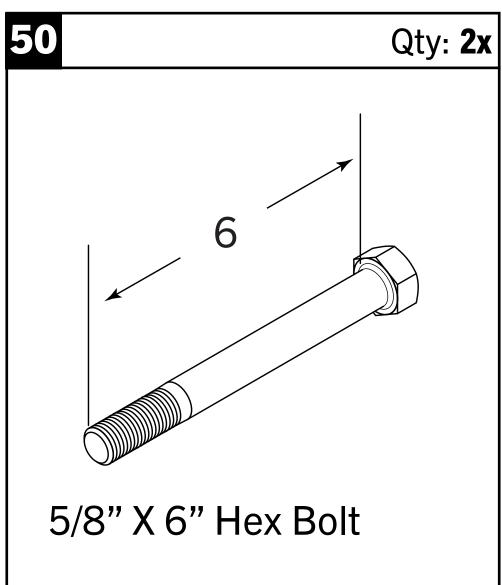


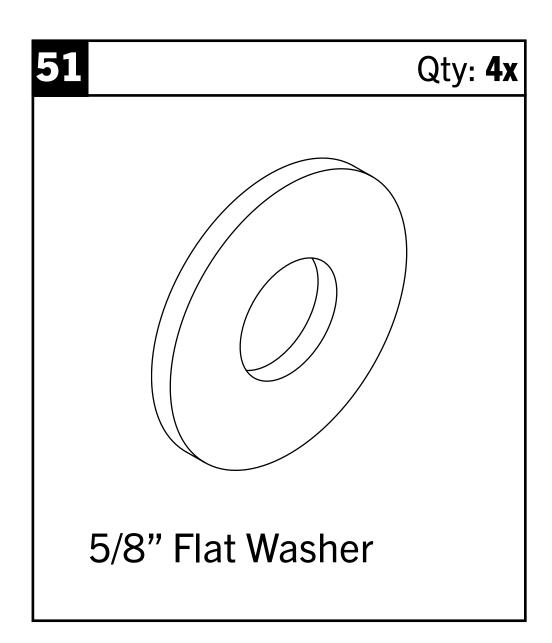


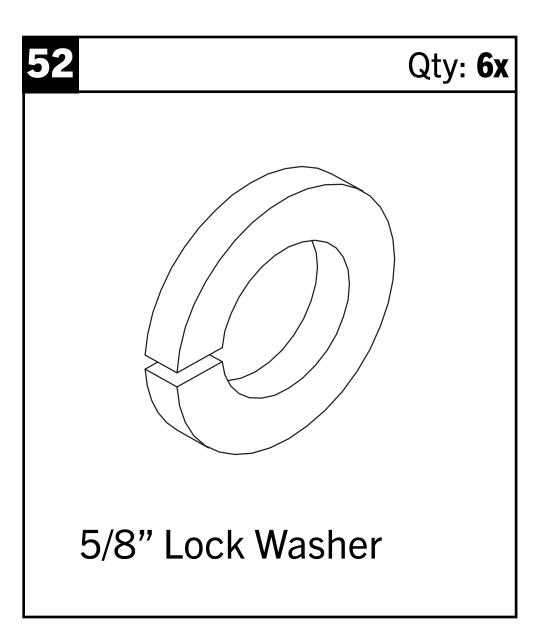


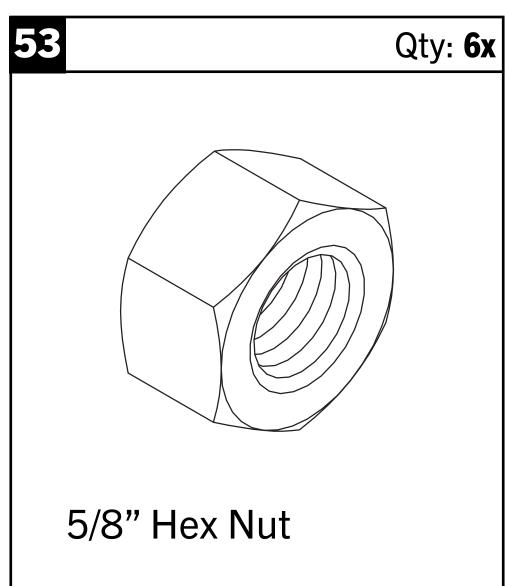
<sup>\*</sup> Cable for 90" Rack will not include Cable Retainer/Puck.

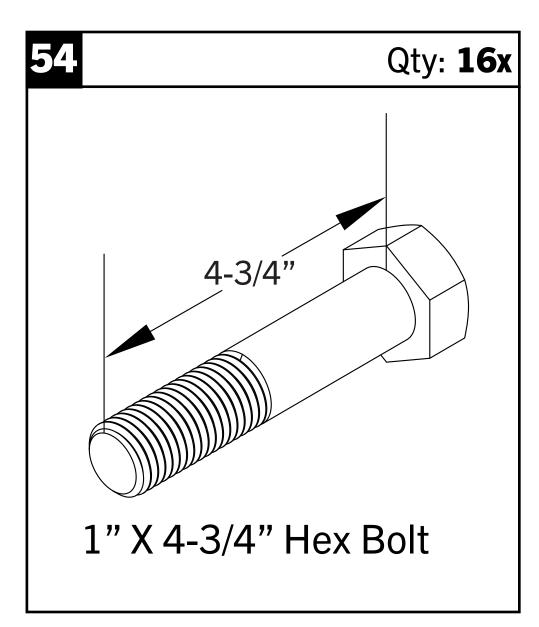


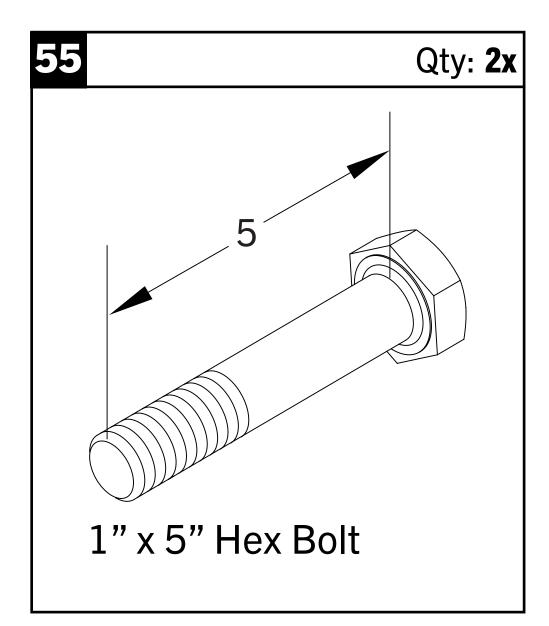


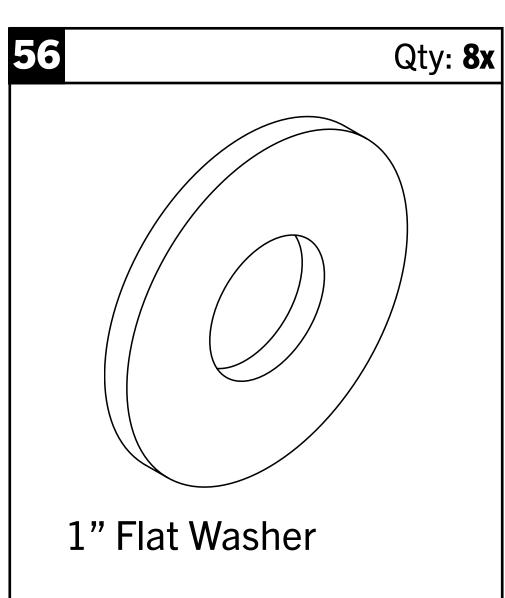


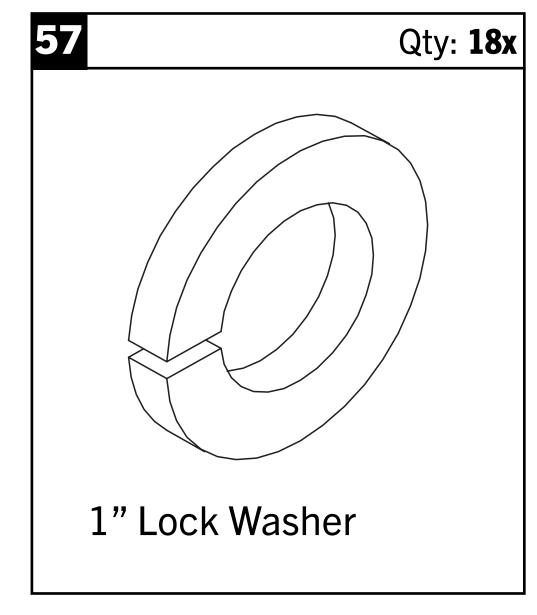


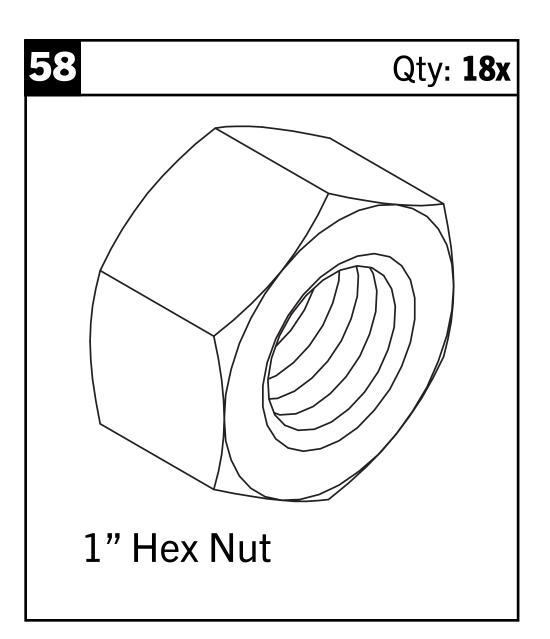


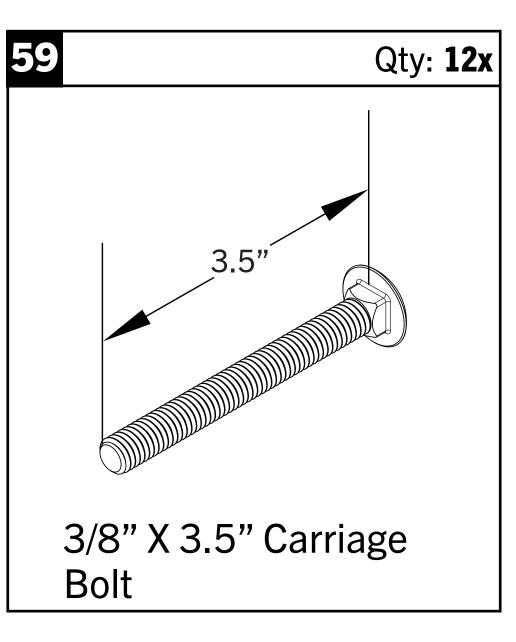


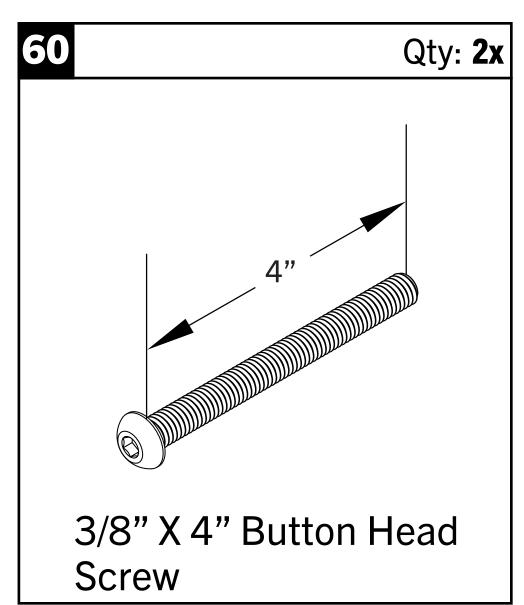




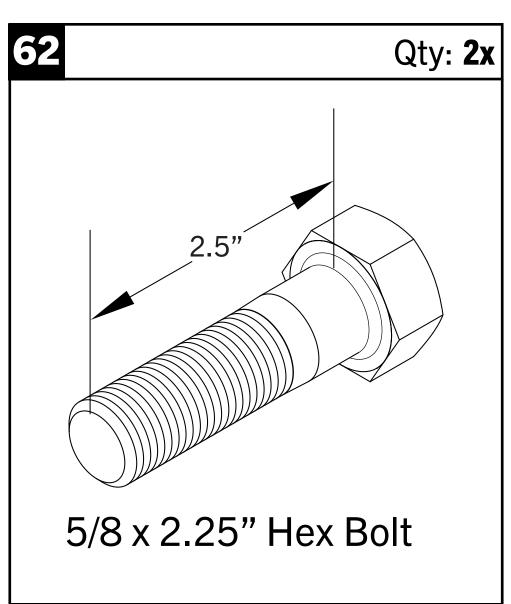








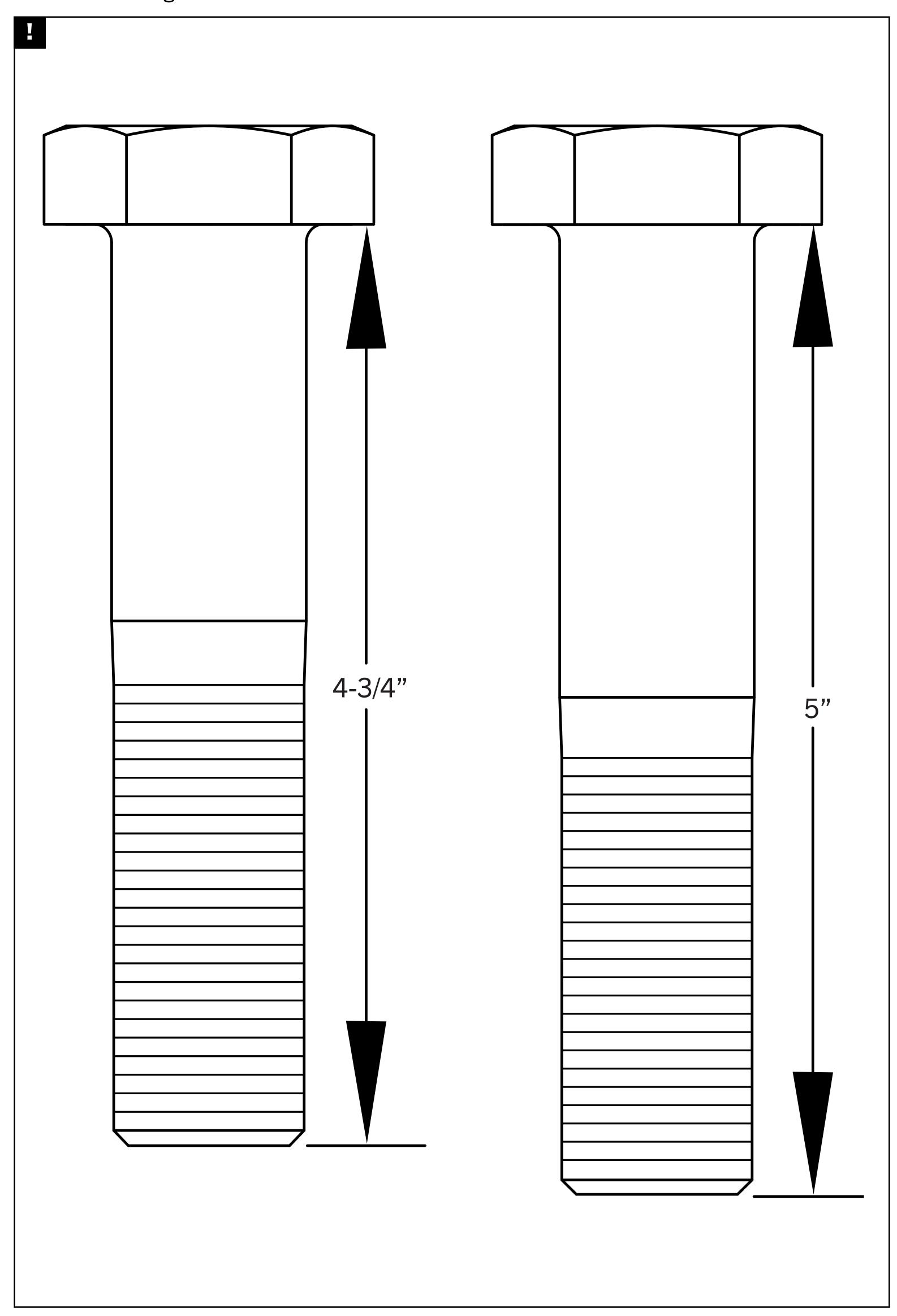




### 1" HARDWARE LENGTH GUIDE

#### Note:

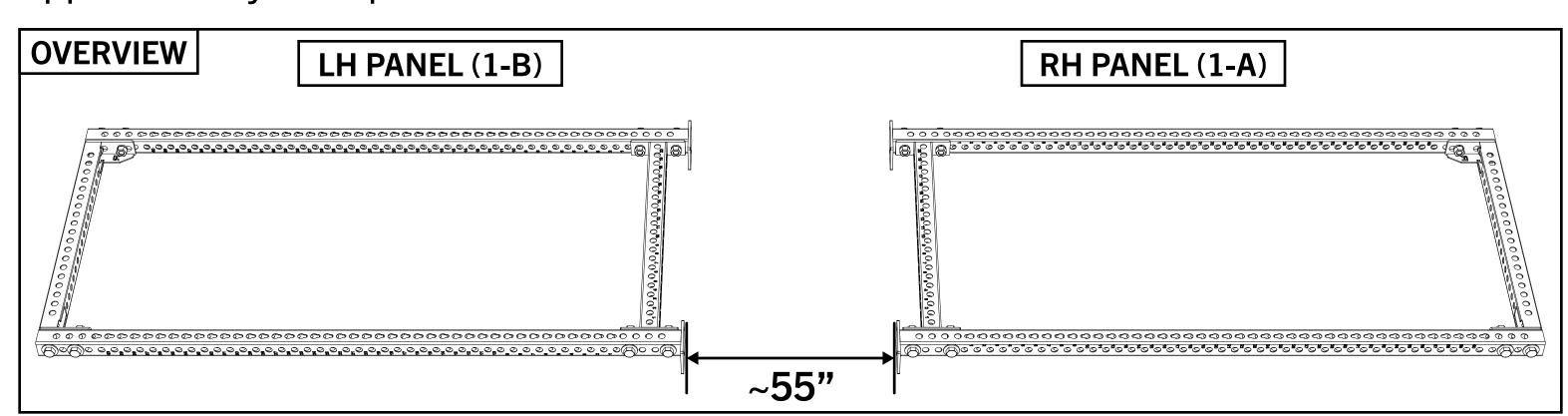
• 1" x 5" [12] and 1" x 4-3/4" [11] Bolts shown to scale below to help differentiate variations in length.

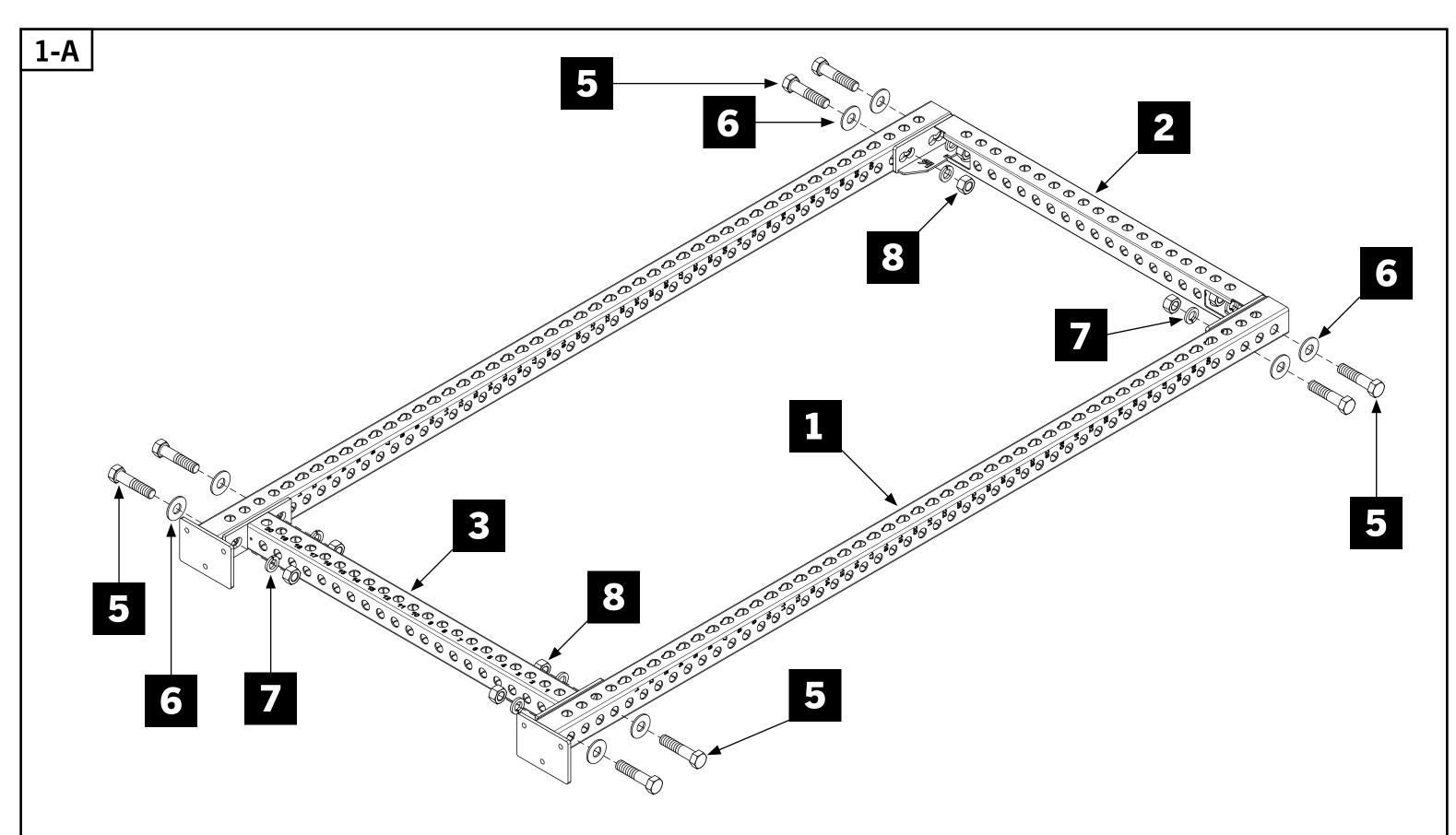


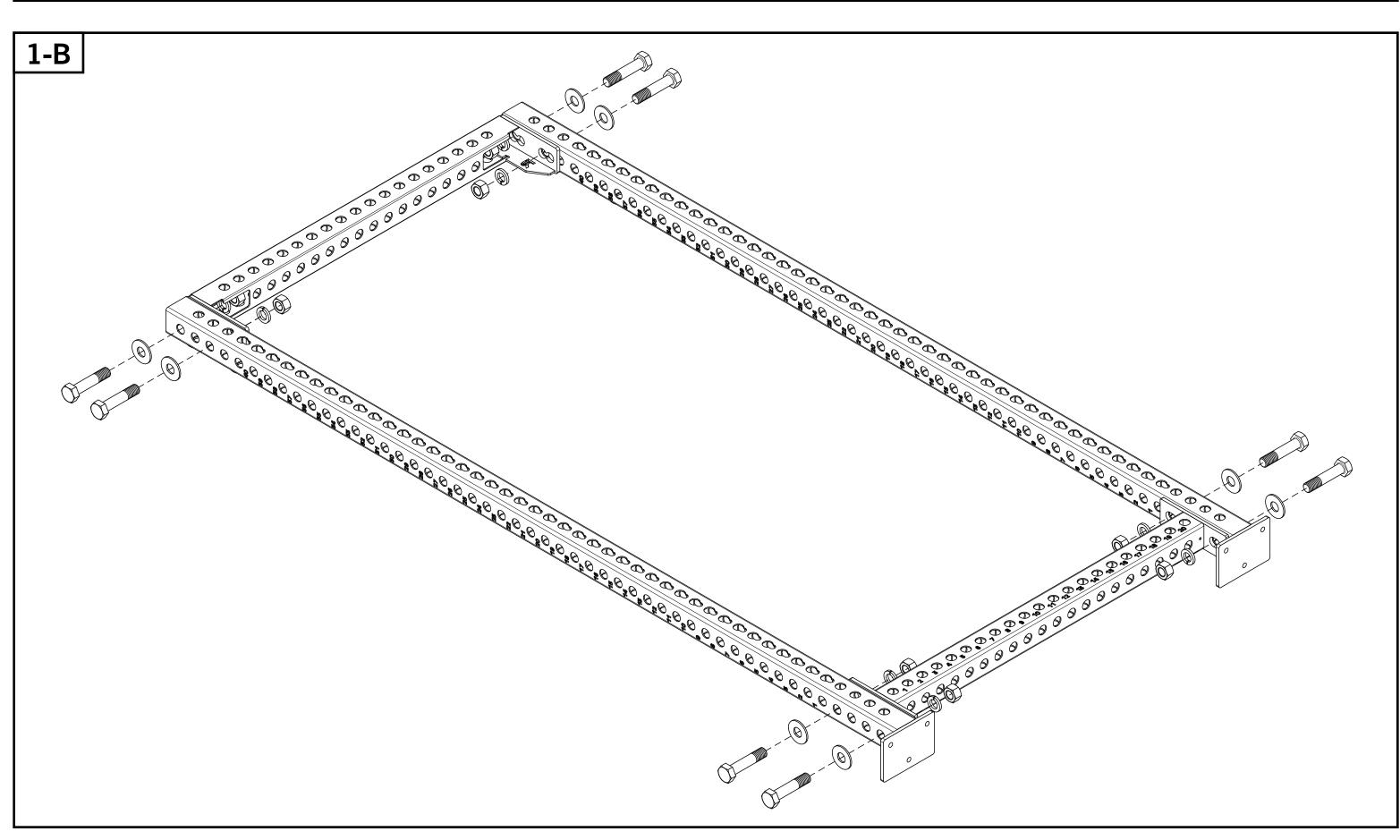
#### **STEP 1 (RM-4)**

- Note: Skip to PAGE 15 for RM-6
- Note: Skip to **Step 4** when modifying using existing RM-4 Rack.
- Refer to overview image to plan assembly and ensure ample floor space is alloted.
- Lay down all parts on a non-abrasive surface in the orientation shown below.
- Position the footplates of uprights approximately 55" apart.

- Note orientation of Upright [1] feet in relation to the ground.
- Connect Uprights [1] to Crossmembers using 1"x 4-3/4" Hex Bolts [5], 1" Flat Washers [6], 1" Lock Washers [7], and 1" Hex Nuts [8].
- Attach Branding Kit Plate Front [9], and Branding Kit Plate Back [10] to RH Panel using hardware as shown below.
- HAND TIGHTEN ONLY.



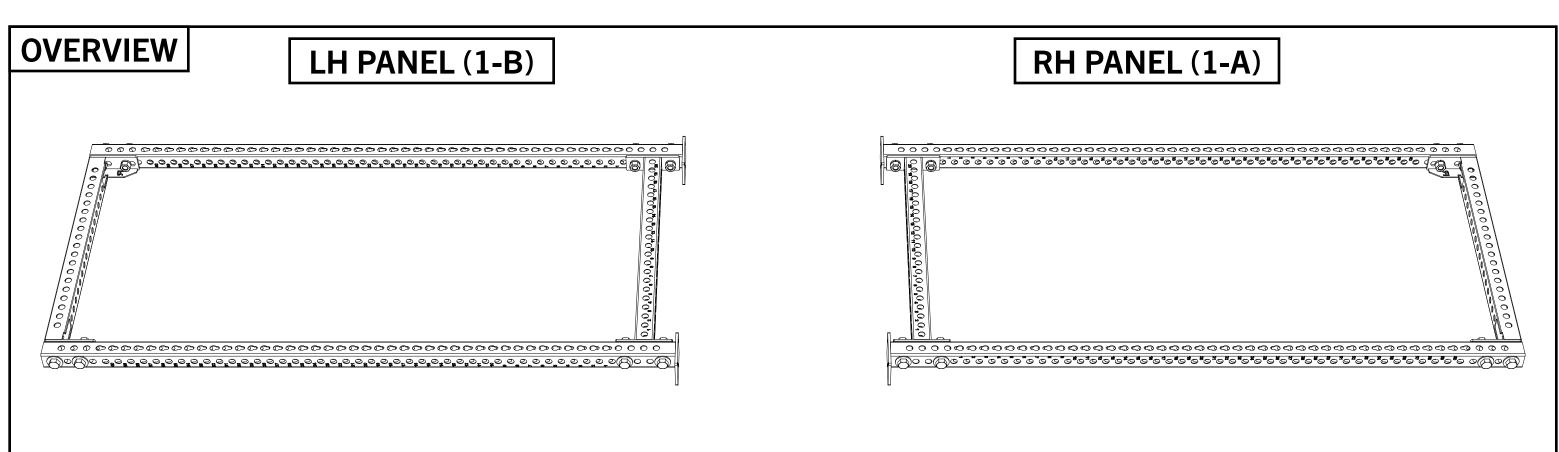


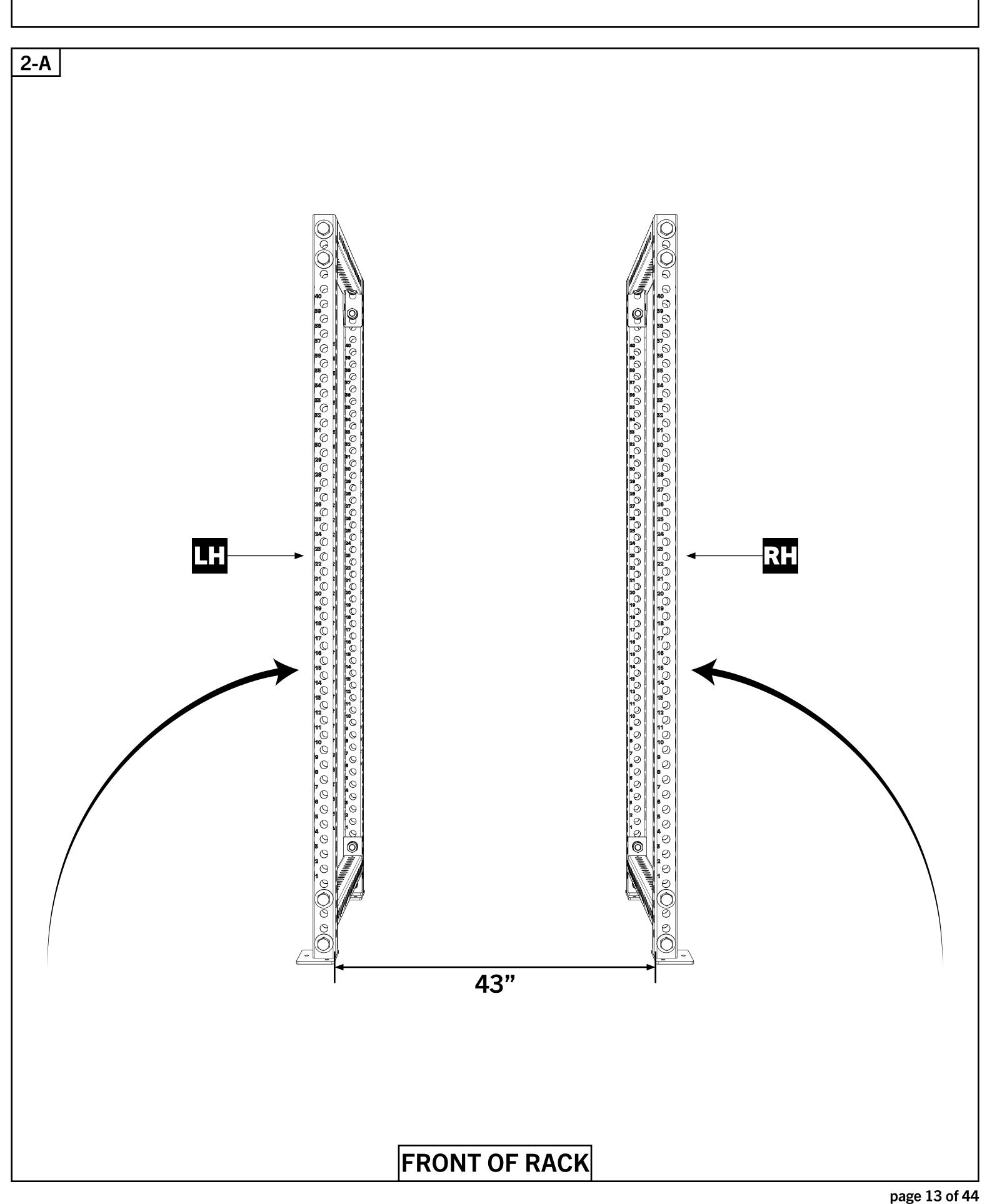


#### **STEP 2 (RM-4)**

#### **IMPORTANT:**

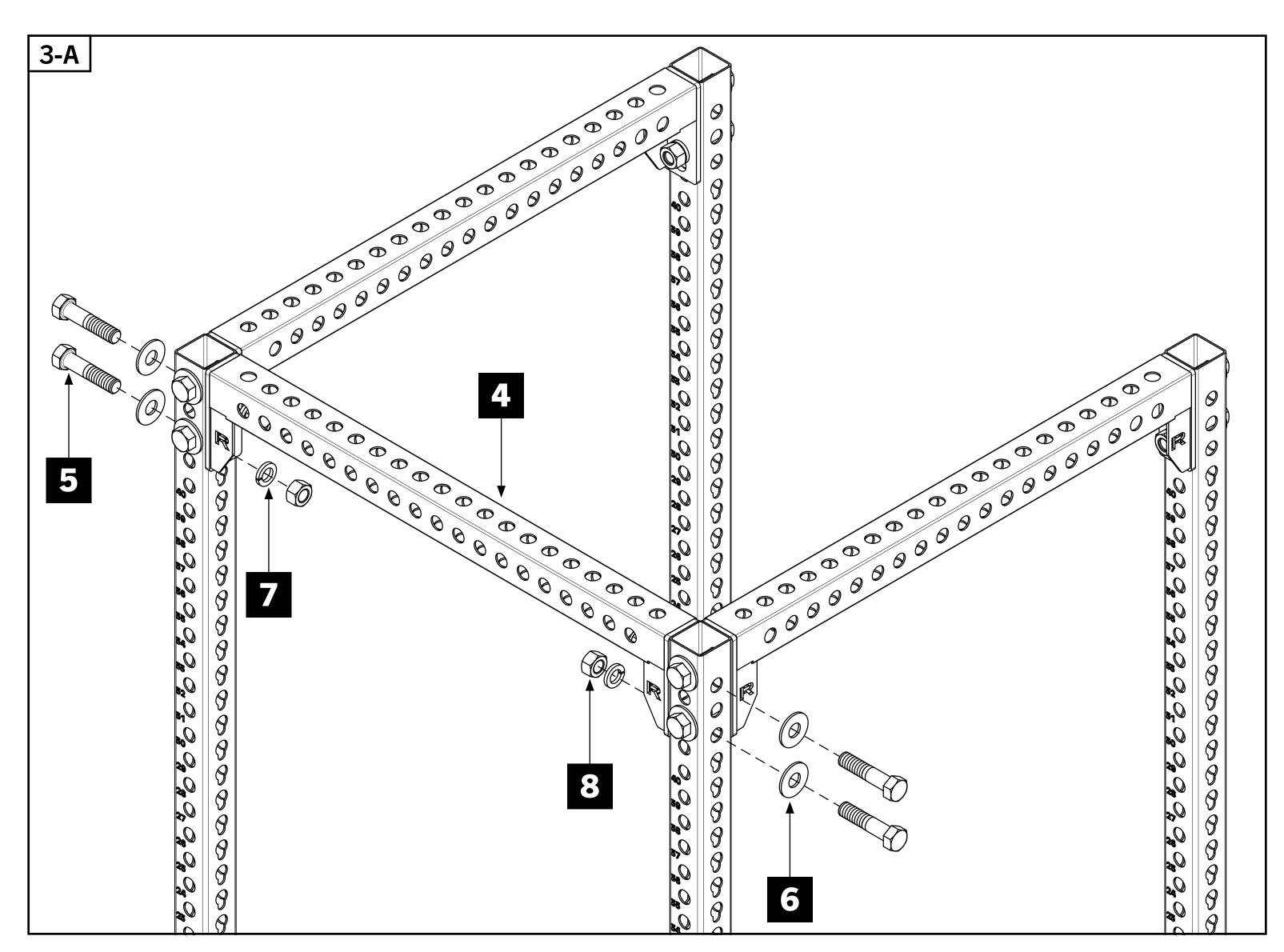
- For safety, we recommend the remainder of these instructions be completed with **2 or 3 people**.
- Have two people stand one assembled panel up first.
- One person stabilizes the first panel while the other stands up the second panel.
- One or two people should stabilize both panels, ensuring panels don't fall while another person assembles the spanning Crossmembers in **STEP 3**.
- For ease of assembly make sure there is enough room behind the back of the rig.

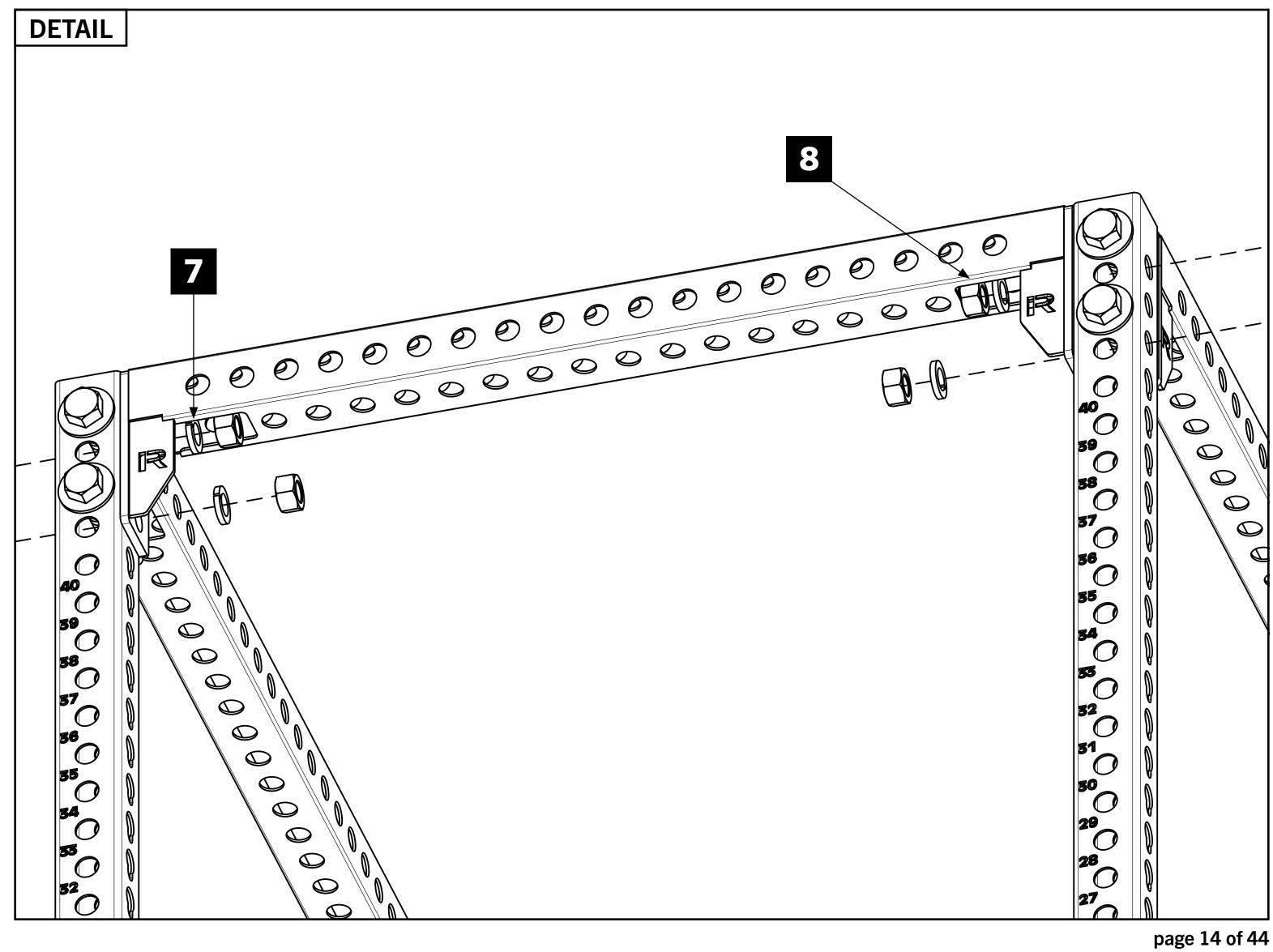




## **STEP 3 (RM-4)**

- Attach Front Crossmember [4] to Uprights using 1" x 4-3/4" Hex Bolt [5], 1" Flat Washers [6], 1" Lock Washers [7], and 1" Hex Nuts [8].
  - HAND TIGHTEN ONLY.

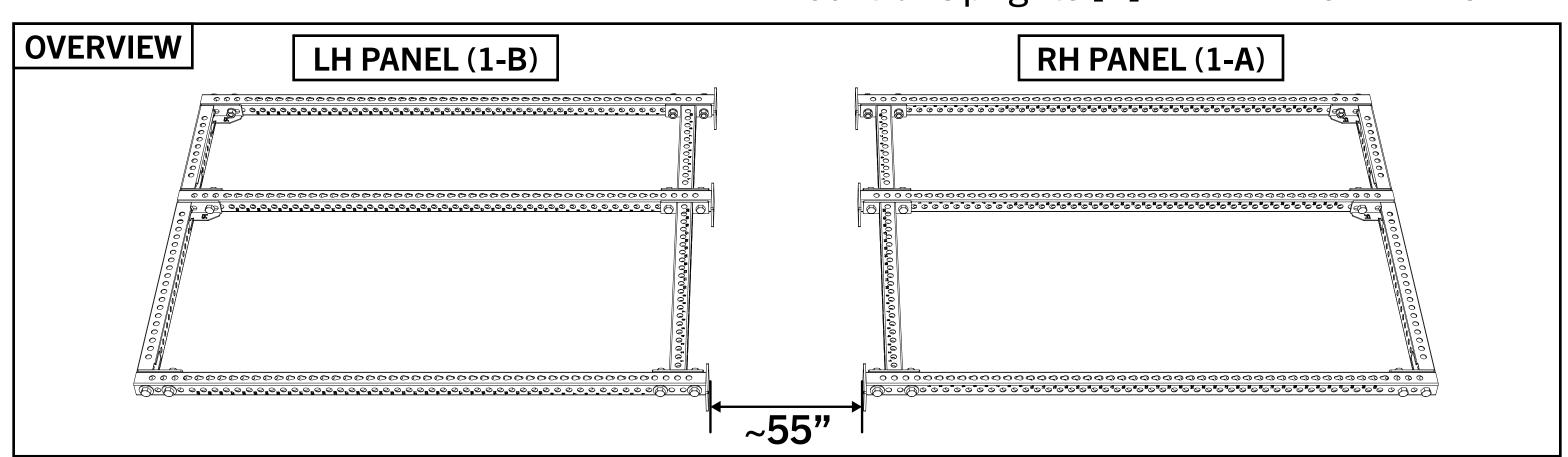


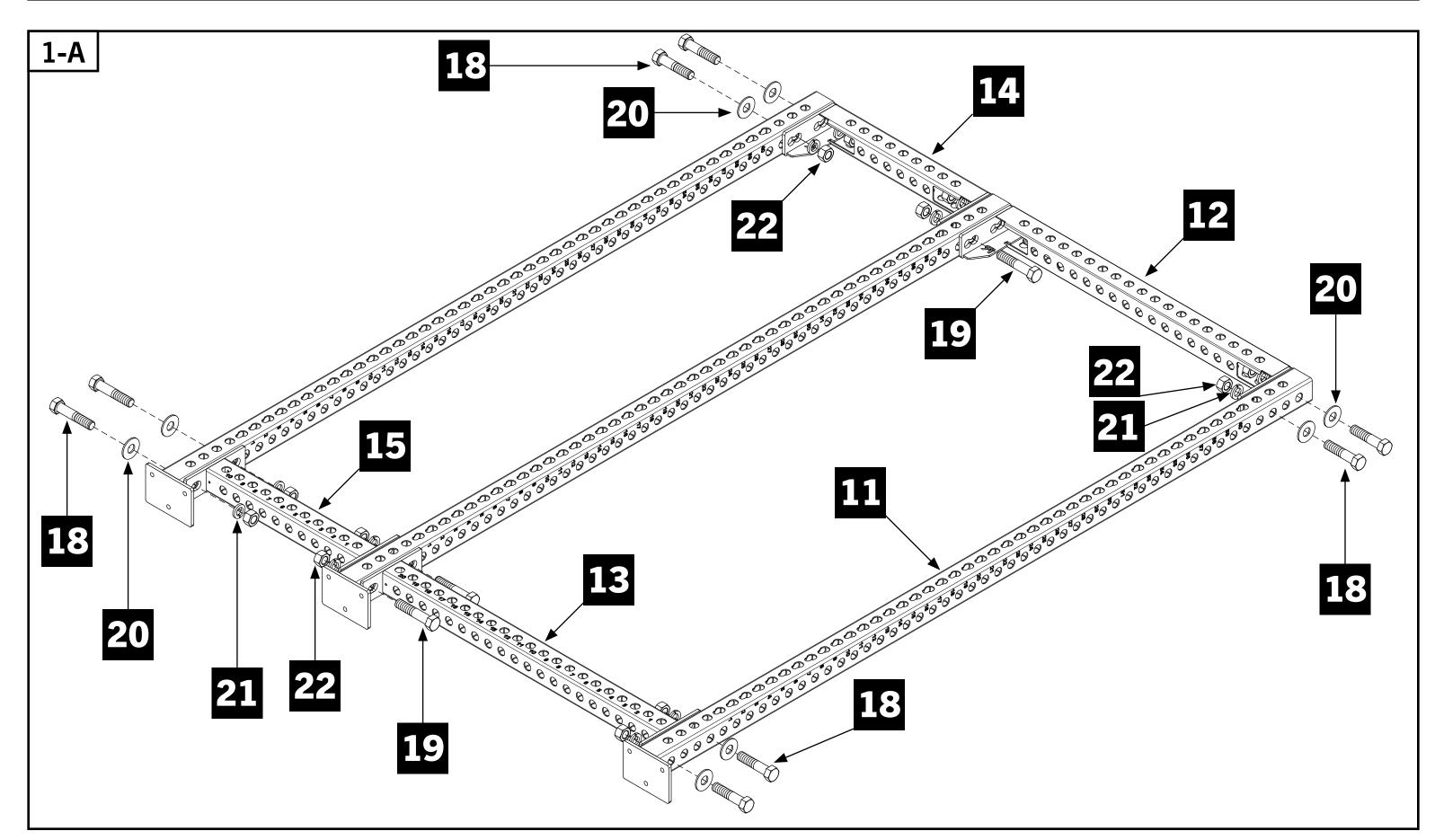


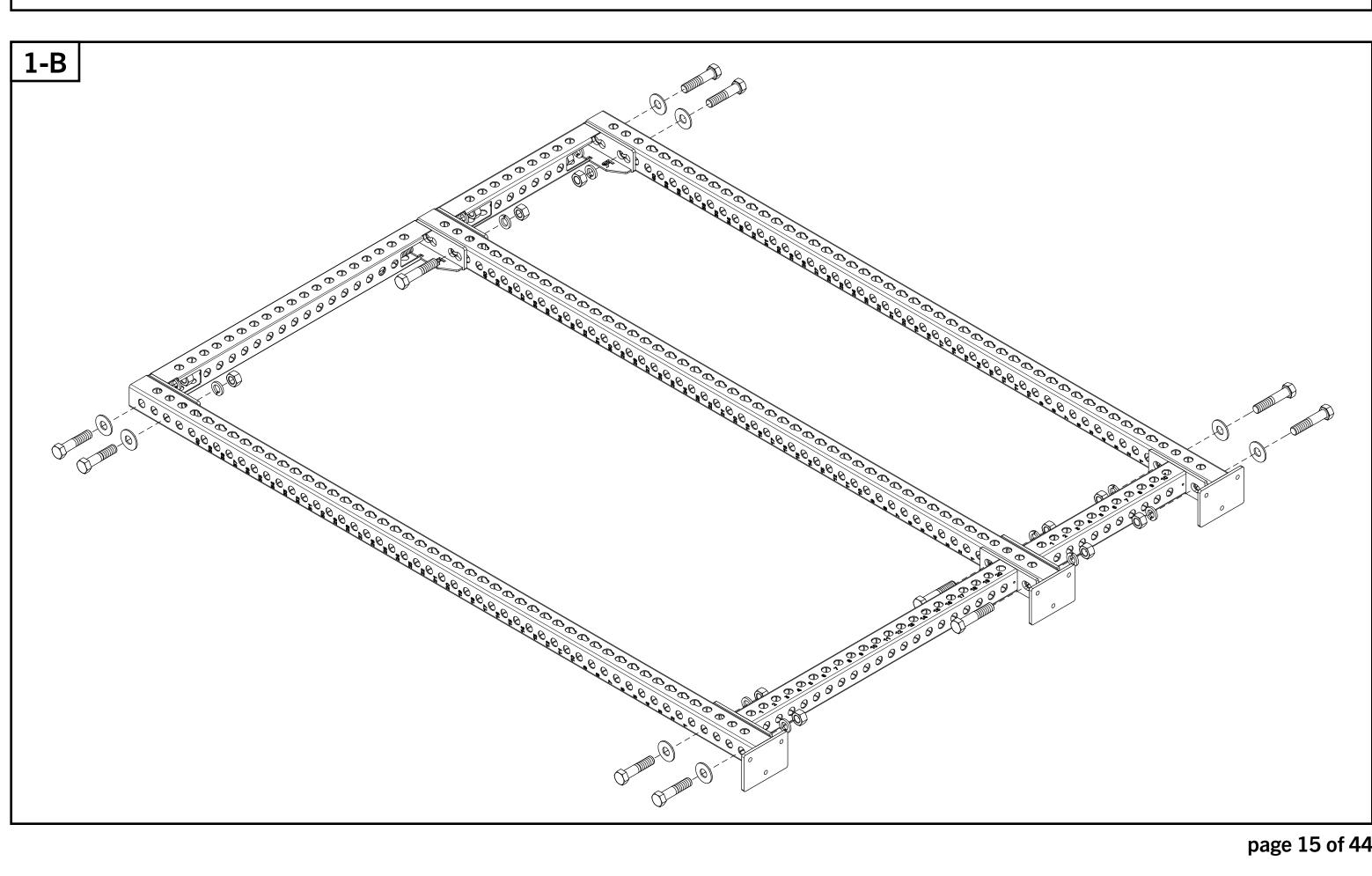
#### **STEP 1 (RM-6)**

- Note: Skip to Step 4 when modifying using existing RM-6 Rack.
- Refer to overview image to plan assembly and ensure ample floor space is alloted.
- Lay down all parts on a non-abrasive surface in the orientation shown below.
- Position the footplates of uprights approximately 55" apart.

- Note orientation of Upright [11] feet in relation to the ground.
- Connect Uprights [11] to Crossmembers using 1"x4-3/4" Hex Bolts [18], 1" x 5" Hex Bolts [19], 1" Flat Washers [20], 1" Lock Washers [21], and 1" Hex Nuts [22].
- Attach Branding Kit Plate Front [23], and Branding Kit Plate Back [24] to RH Panel using hardware as shown below.
- Ensure to use 1" x 5" Hex Bolts [12] for central Uprights [1]. HAND TIGHTEN ONLY.



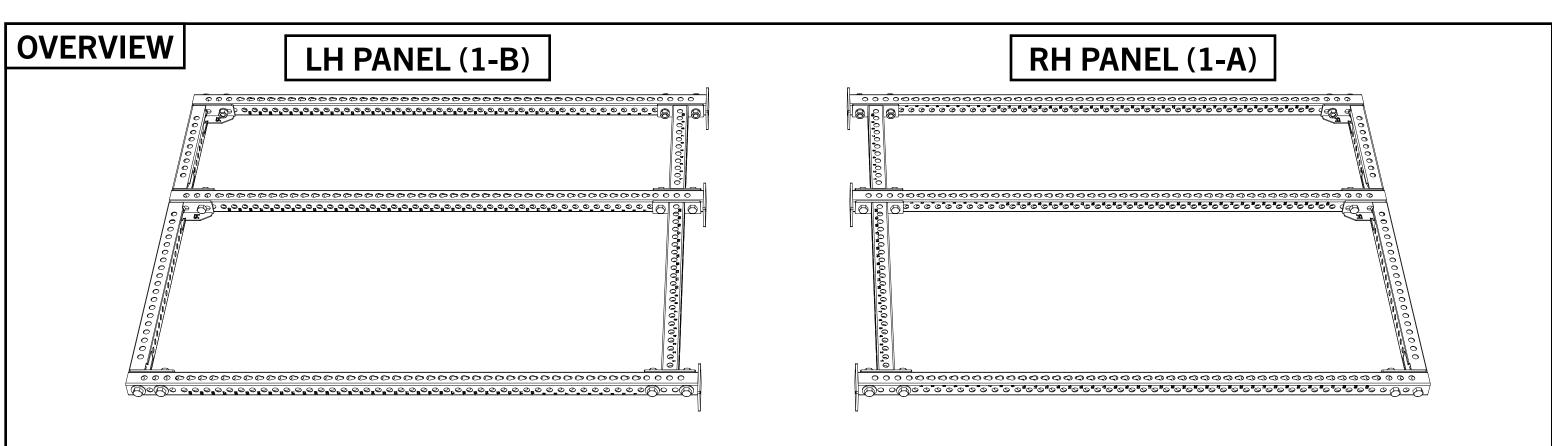


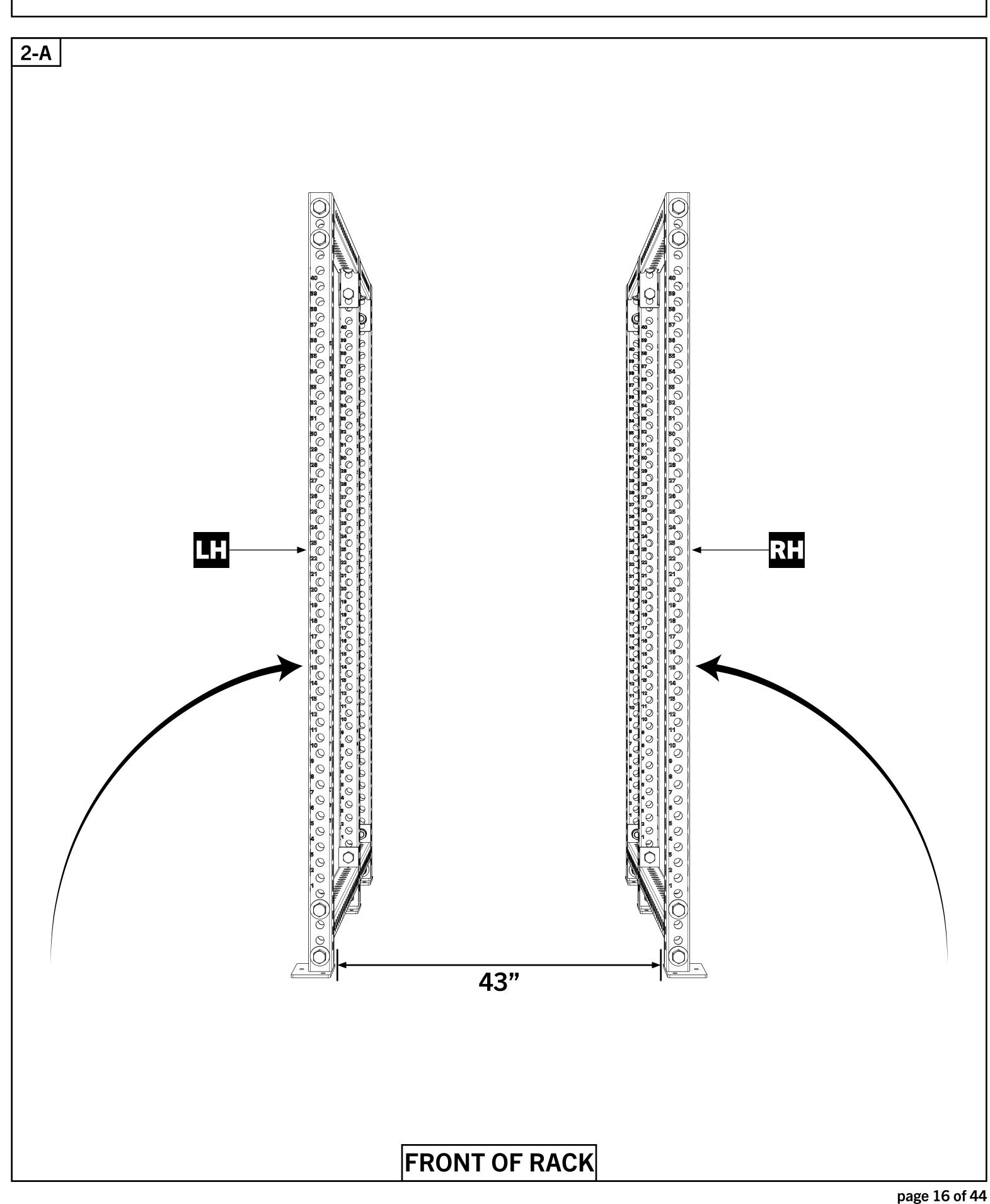


#### **STEP 2 (RM-6)**

#### **IMPORTANT:**

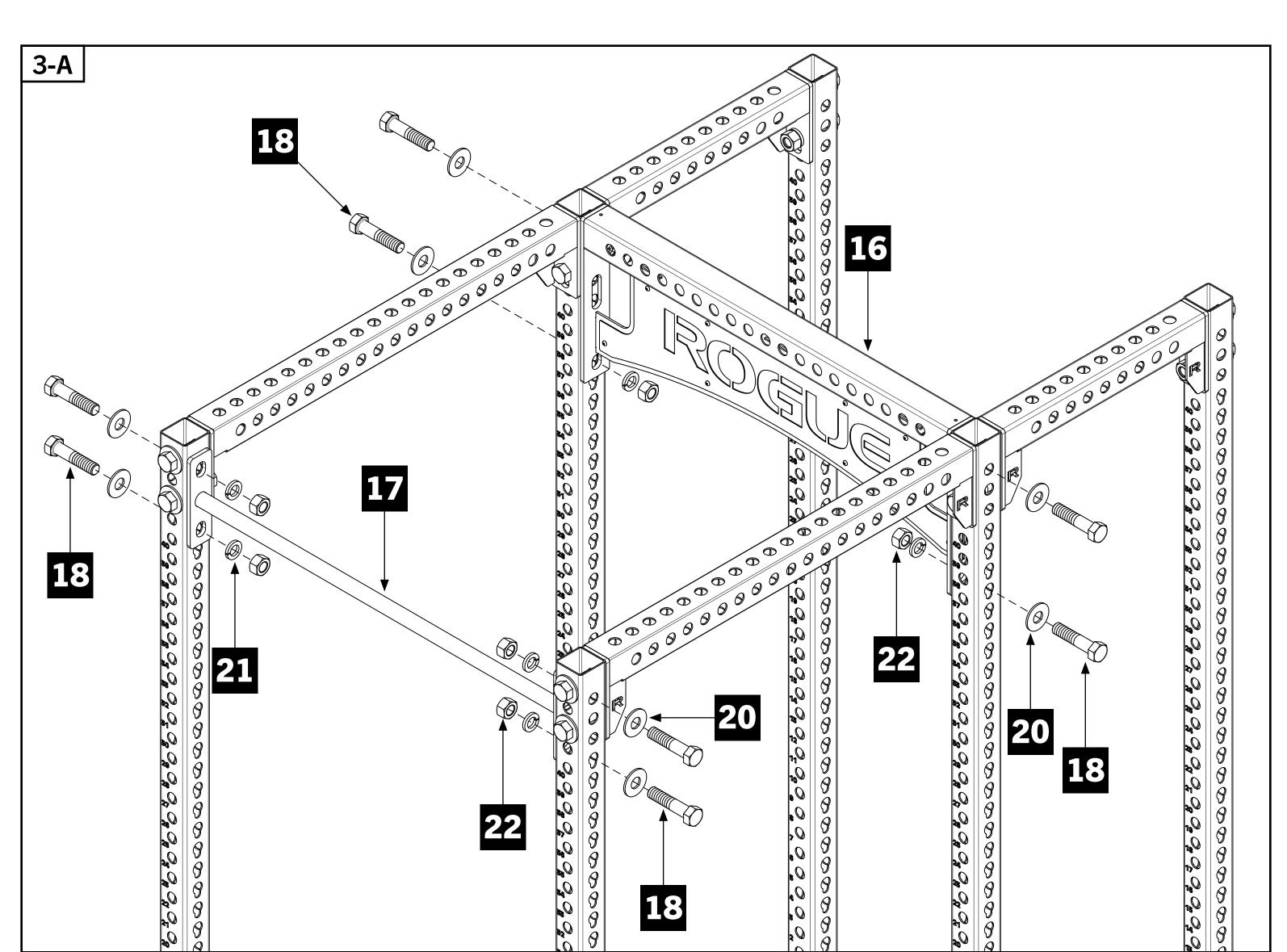
- For safety, we recommend the remainder of these instructions be completed with **2 or 3 people**.
- Have two people stand one assembled panel up first.
- One person stabilizes the first panel while the other stands up the second panel.
- One or two people should stabilize both panels, ensuring panels don't fall while another person assembles the spanning Crossmembers in **STEP 3**.
- For ease of assembly make sure there is enough room behind the back of the rig.

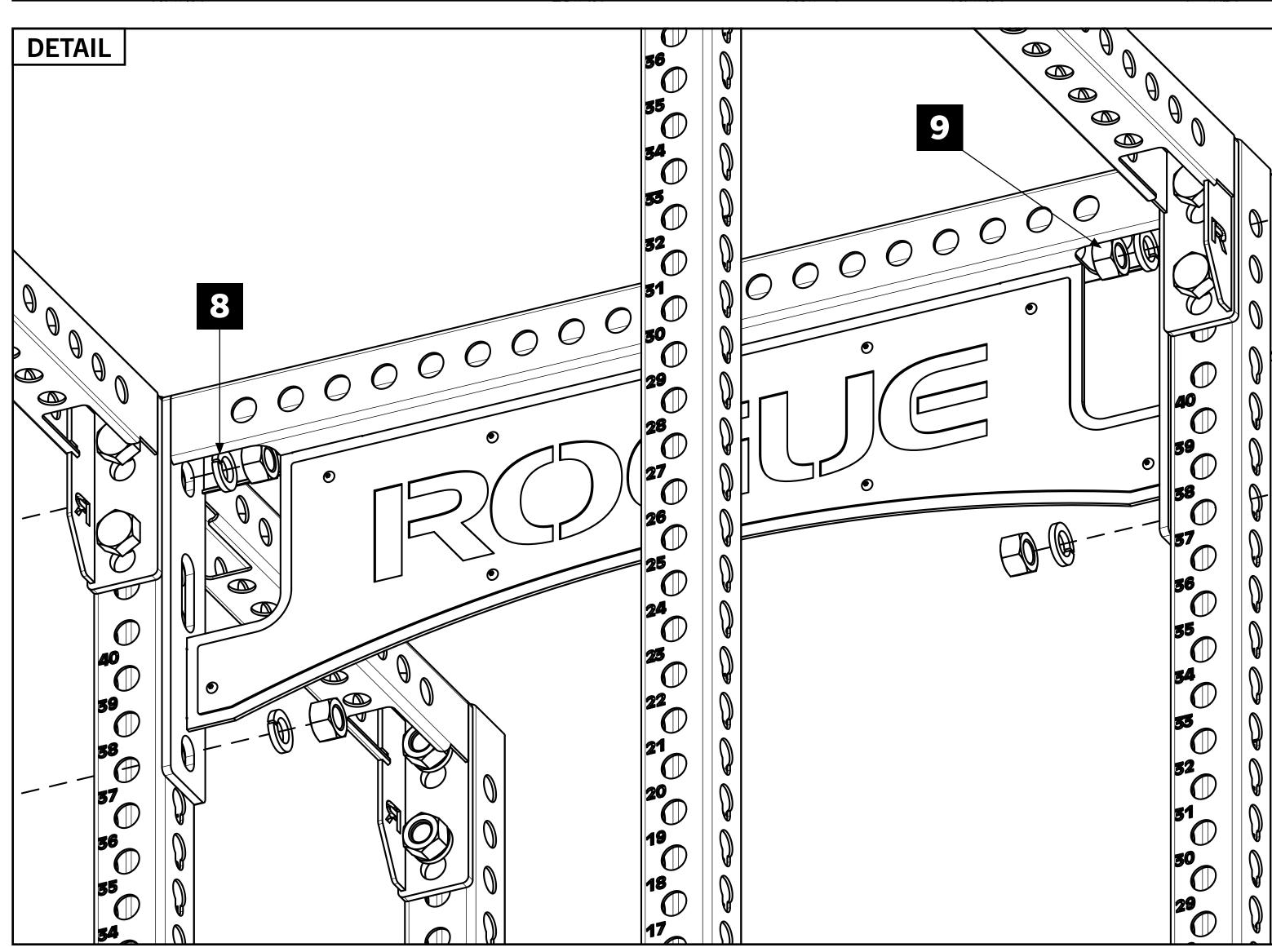




#### **STEP 3 (RM-6)**

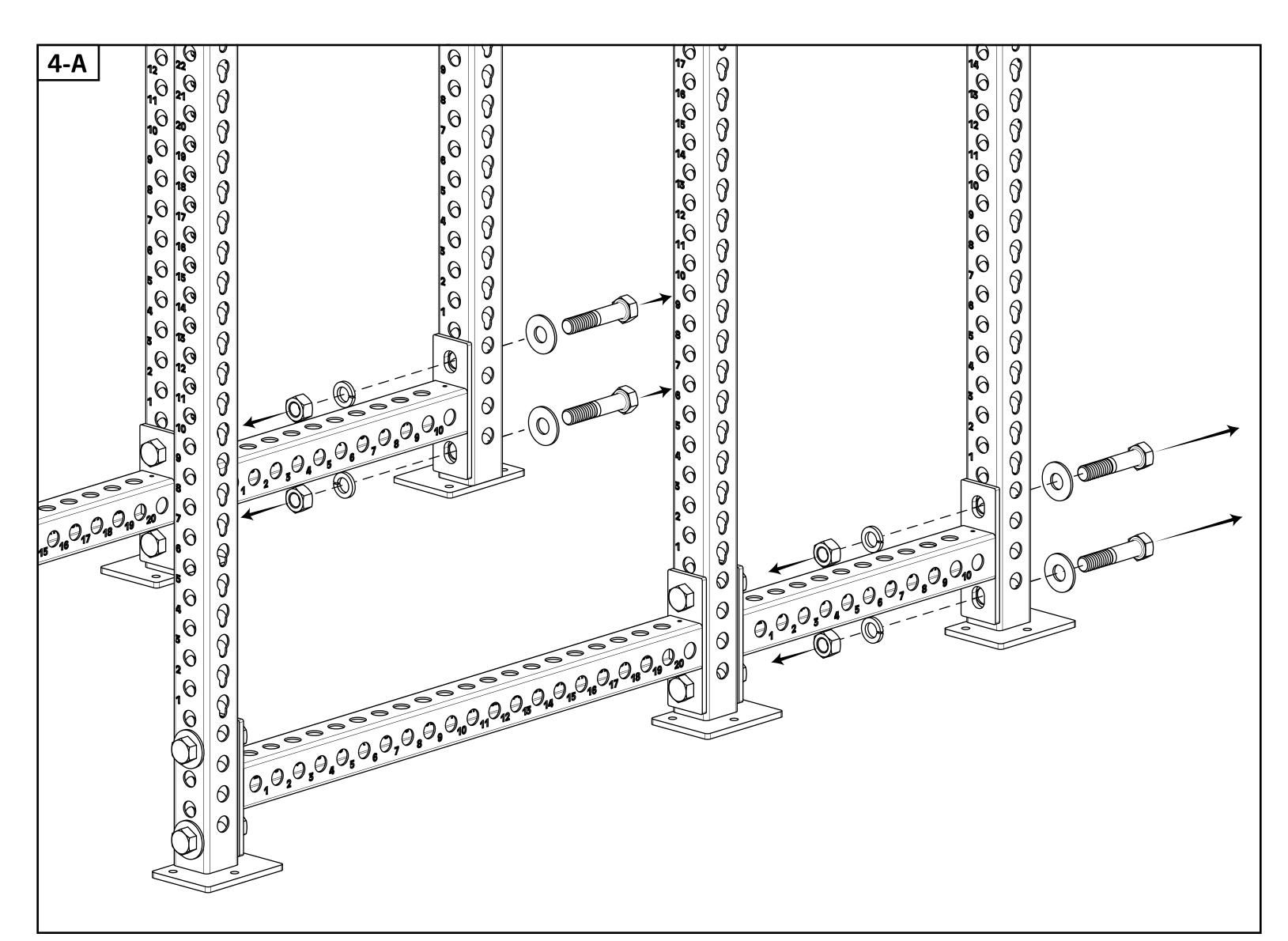
- Attach Nameplate Crossmember [16] to middle Uprights using 1" x 4-3/4" Hex Bolt [18], 1" Flat Washers [20], 1" Lock Washers [21], and 1" Hex Nuts [22].
- Note: If 90" Rack, Nameplate Crossmember [16] is replaced with a 43" Top Crossmember
- Attach Pull-up Bar [7] to front Uprights using 1" x 4-3/4" Hex Bolt [18], 1" Flat Washers [20], 1" Lock Washers [21], and 1" Hex Nuts [22].
- HAND TIGHTEN ONLY.

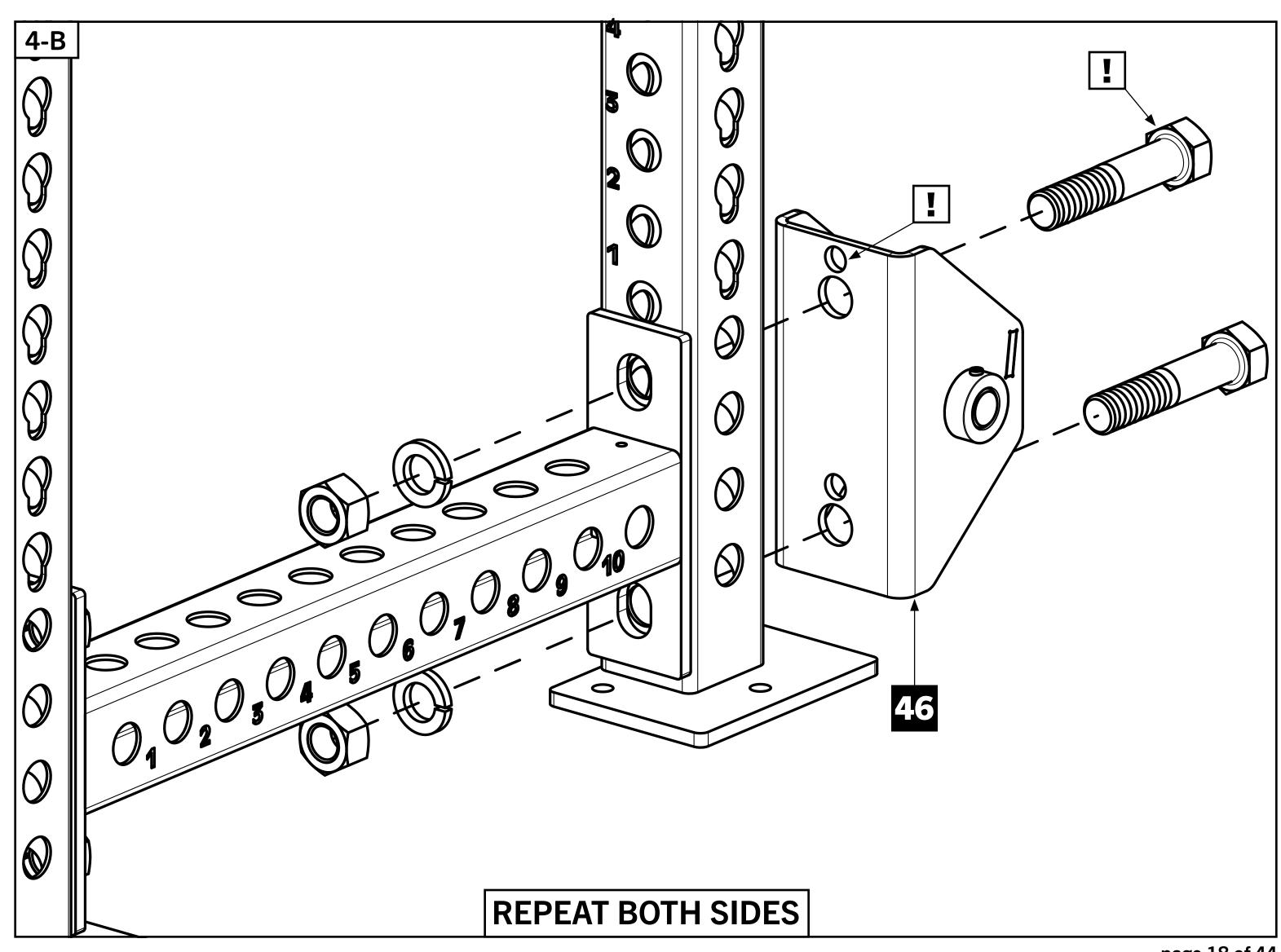




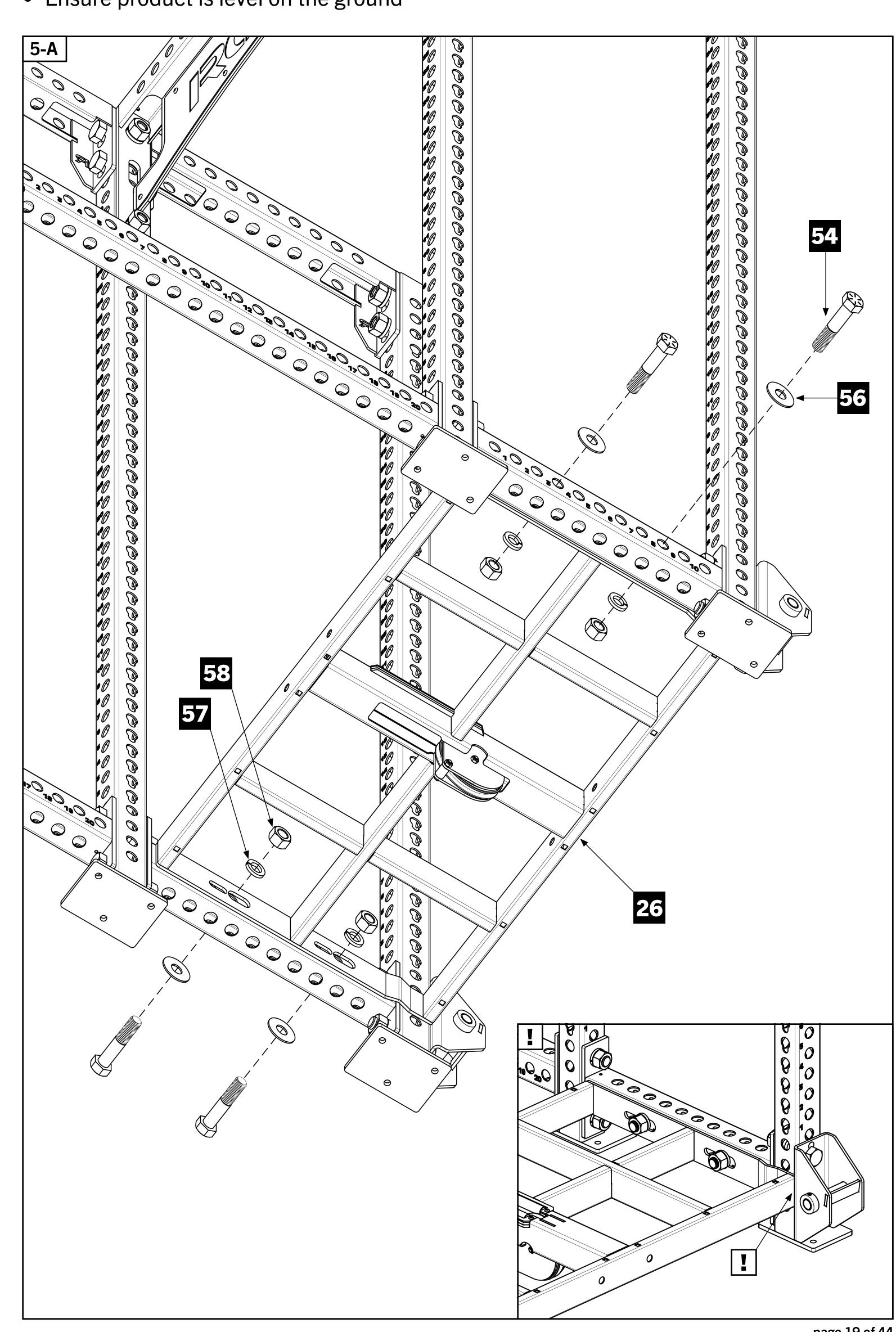
#### STEP 4 (BEGIN ADD-ON KIT ASSEMBLY)

- Note: Remainder of instructions depicts RM-6, same steps apply to RM-4.
- Remove existing 1" Hardware shown in
  4-A.
- Reuse hardware in **4-A** to bolt Lever Hinges [**46**] to uprights.
- I Ensure heads of bolts are facing away from rack like shown in **4-B**.
- Insure smaller holes are upright on Lever Hinge [46].
- FULLY TIGHTEN HINGE HARDWARE.

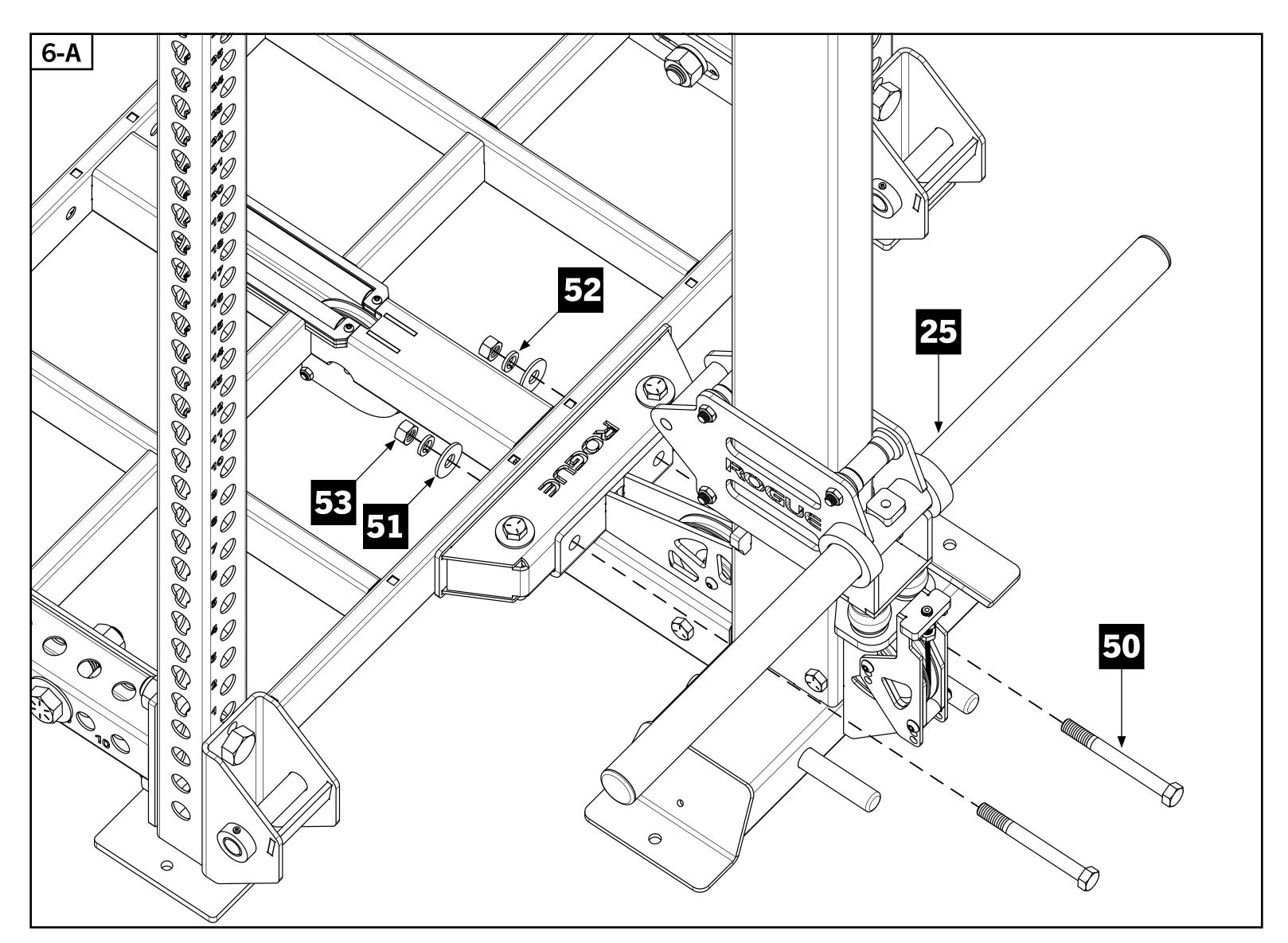


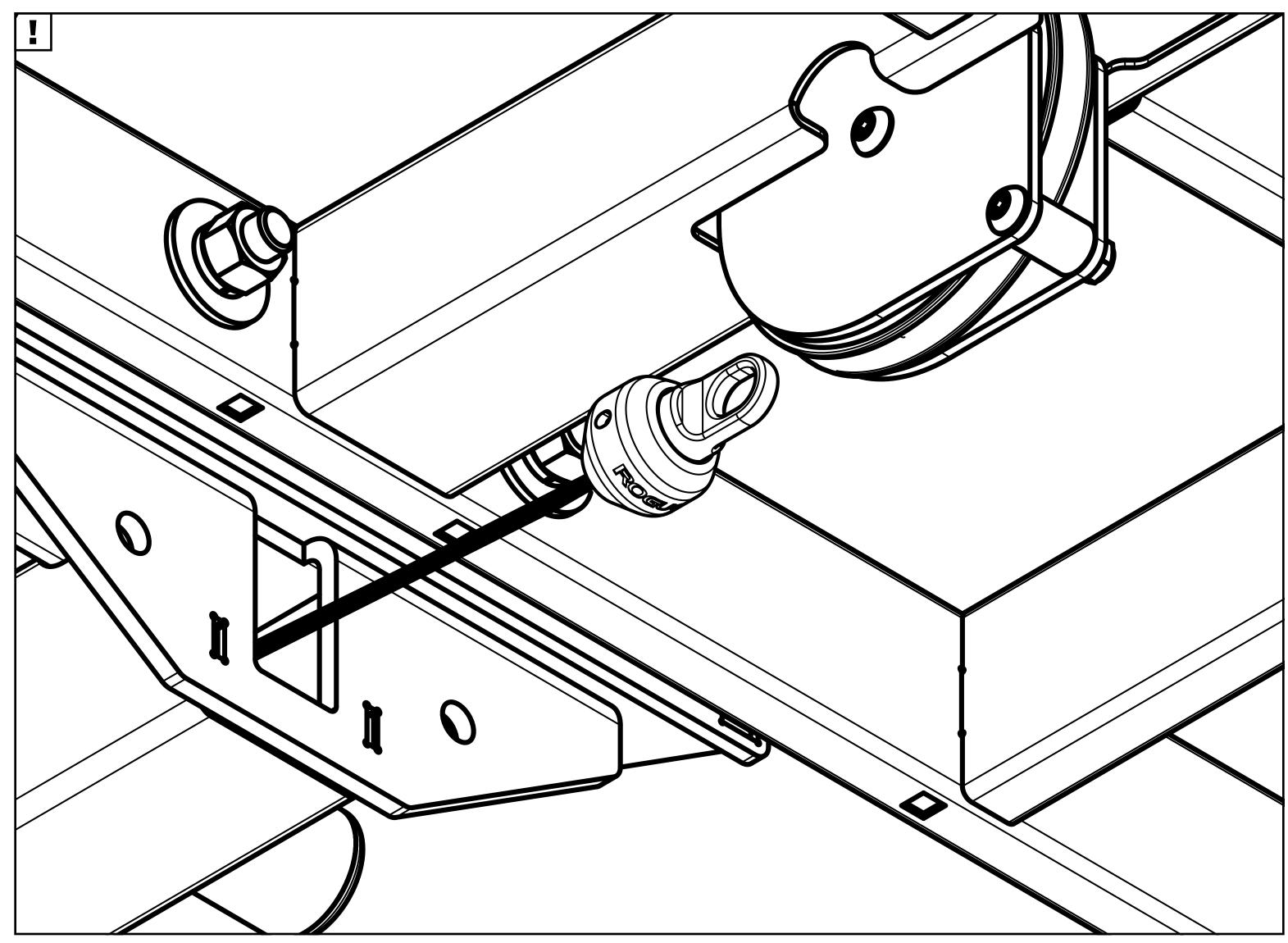


- Bolt Pulley Deck [26] to Bottom
  Crossmembers using 1" X 4-3/4" Hex Bolt
  [54], 1" Flat Washer [56], 1" Lock Washer
  [57], and 1" Hex Nut [58]. Bolts Hand Tight
  Only.
- Insure pulley deck [26] is flush to face of the rear uprights as shown in **DETAIL.**
- Ensure product is level on the ground
- Ensure platform is oriented such that the pulley is towards the floor.

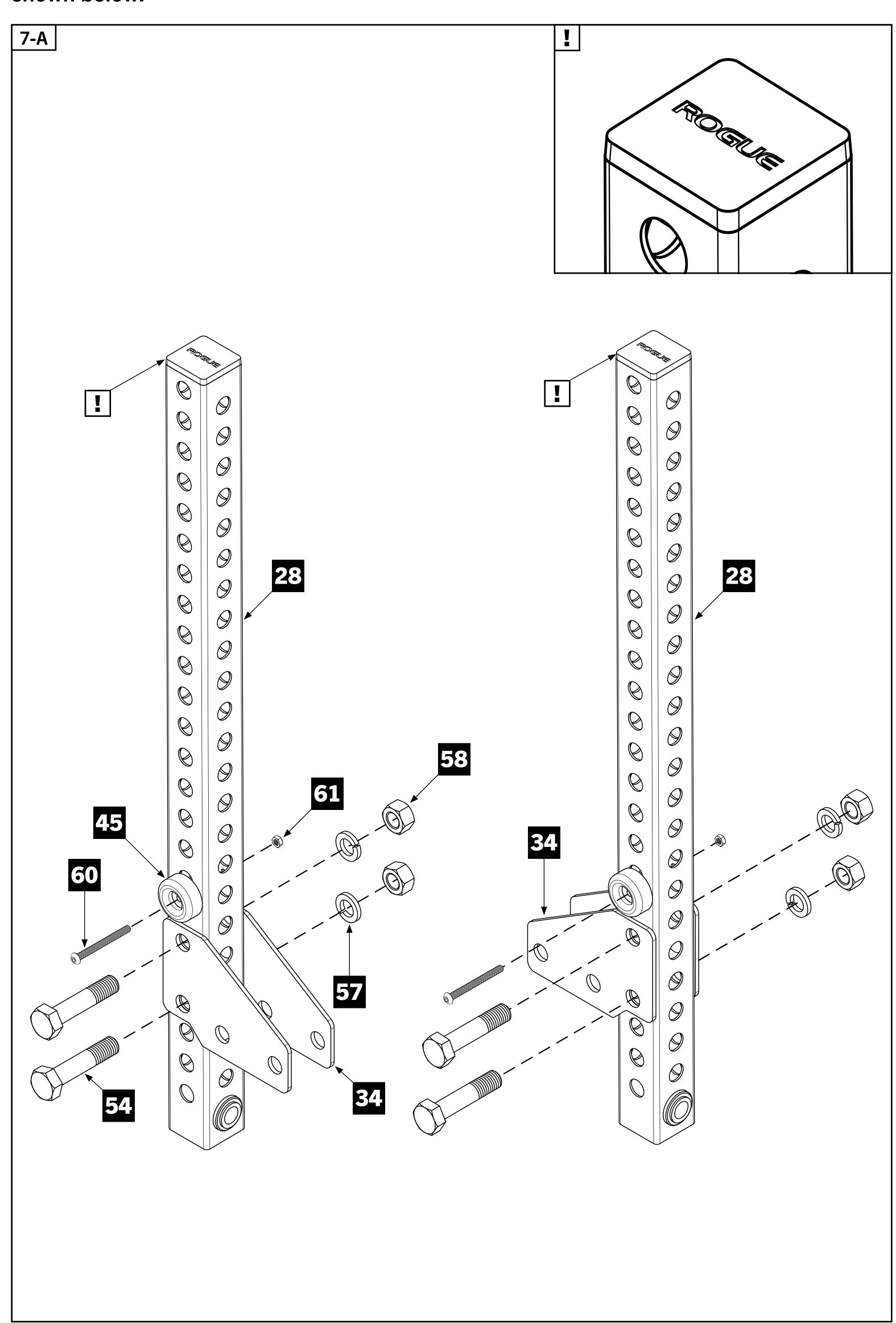


- Bolt assembled Rhino Upright [25] to the Pulley Deck [26] using 5/8" X 6" Hex Bolt [50], 5/8" Flat Washer [51], 5/8" Lock Washer [52], 5/8" Hex Nut [53]. Hand Tighten Only.
- Insure lower cable and ball clevis are clear of Rhino Upright [25] and Pulley Deck [26].

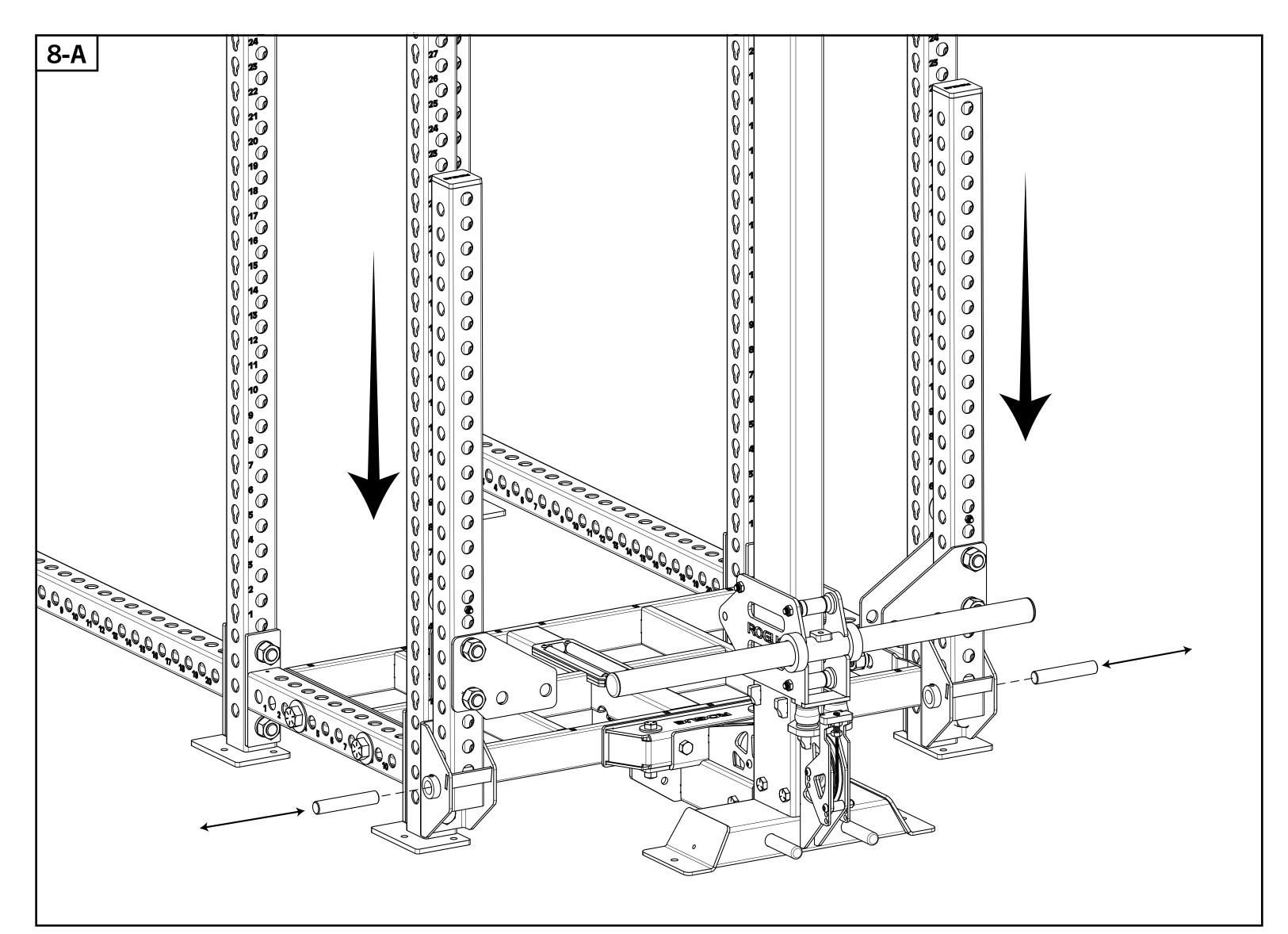


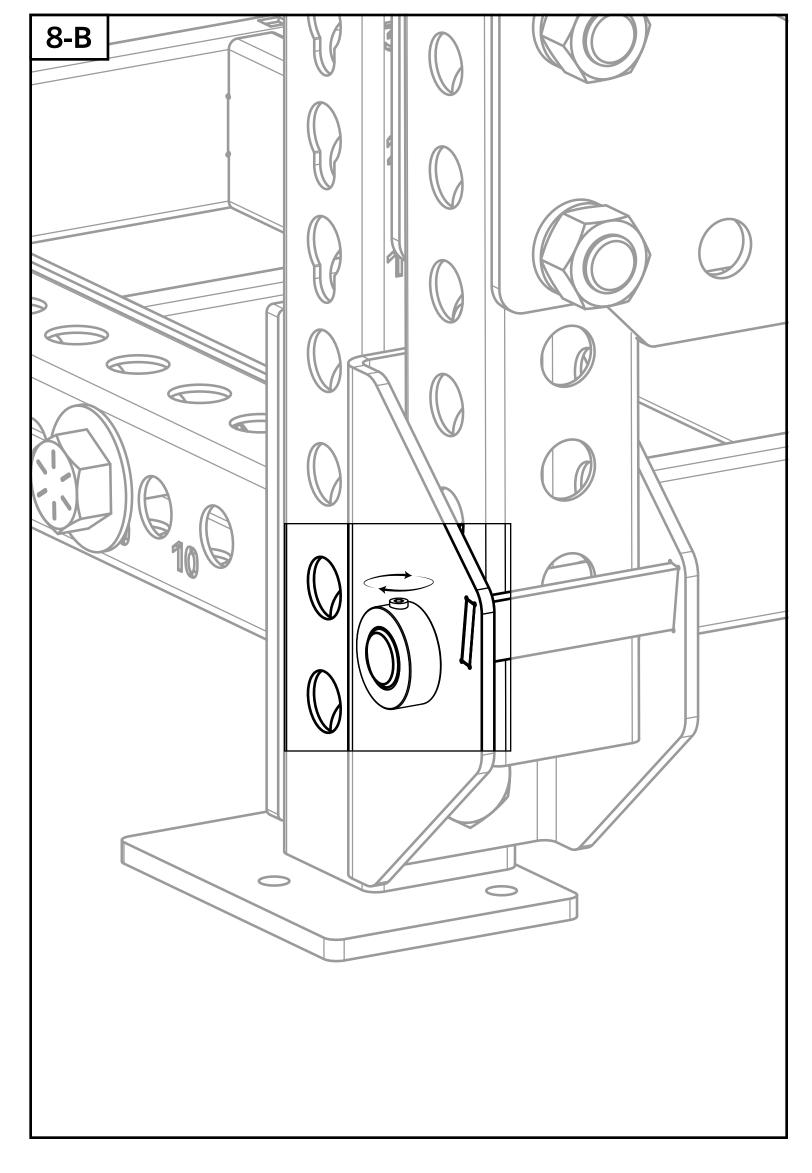


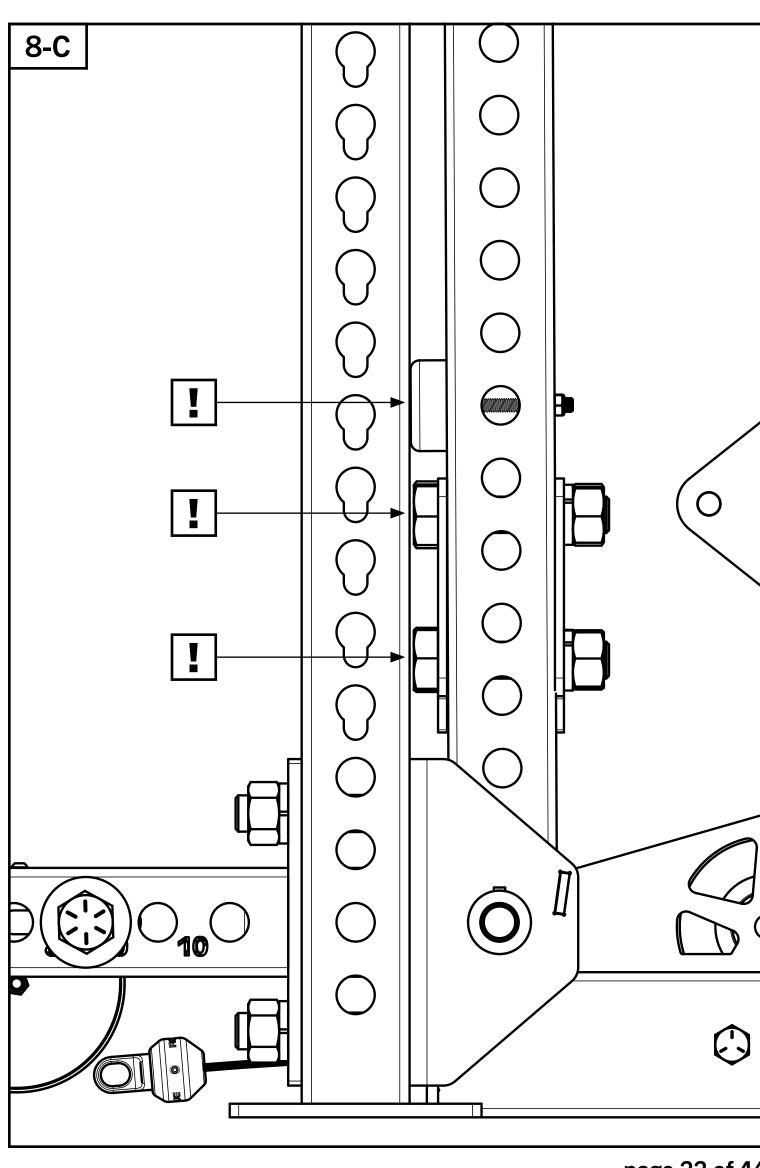
- Bolt Triangle Plates [34] to Lever Tubes
   [28] using hardware indicated below.
- Bolt Rubber Bumper [45] to Lever Tubes. **DO NOT OVERTIGHTEN.**
- Ensure Bolts are oriented as shown below. 1" Bolts Hand Tight Only.
- ! Ensure Rogue caps are oriented as shown below.



- Loosen set screws on Lever Hinges [33] and remove Lever Pin as shown in 8-A.
- Install Lever Tubes [28] with Triangle Plates [34] into each Lever Hinge [46] as shown in 8-A.
- Reinsert Lever Pin into Lever Hinge [46].
- Tighten set screws to hold lever pin in place as shown in **8-B.**
- I Ensure that Rubber Bumper [45] and heads of hex bolts are oriented as shown in 8-C.

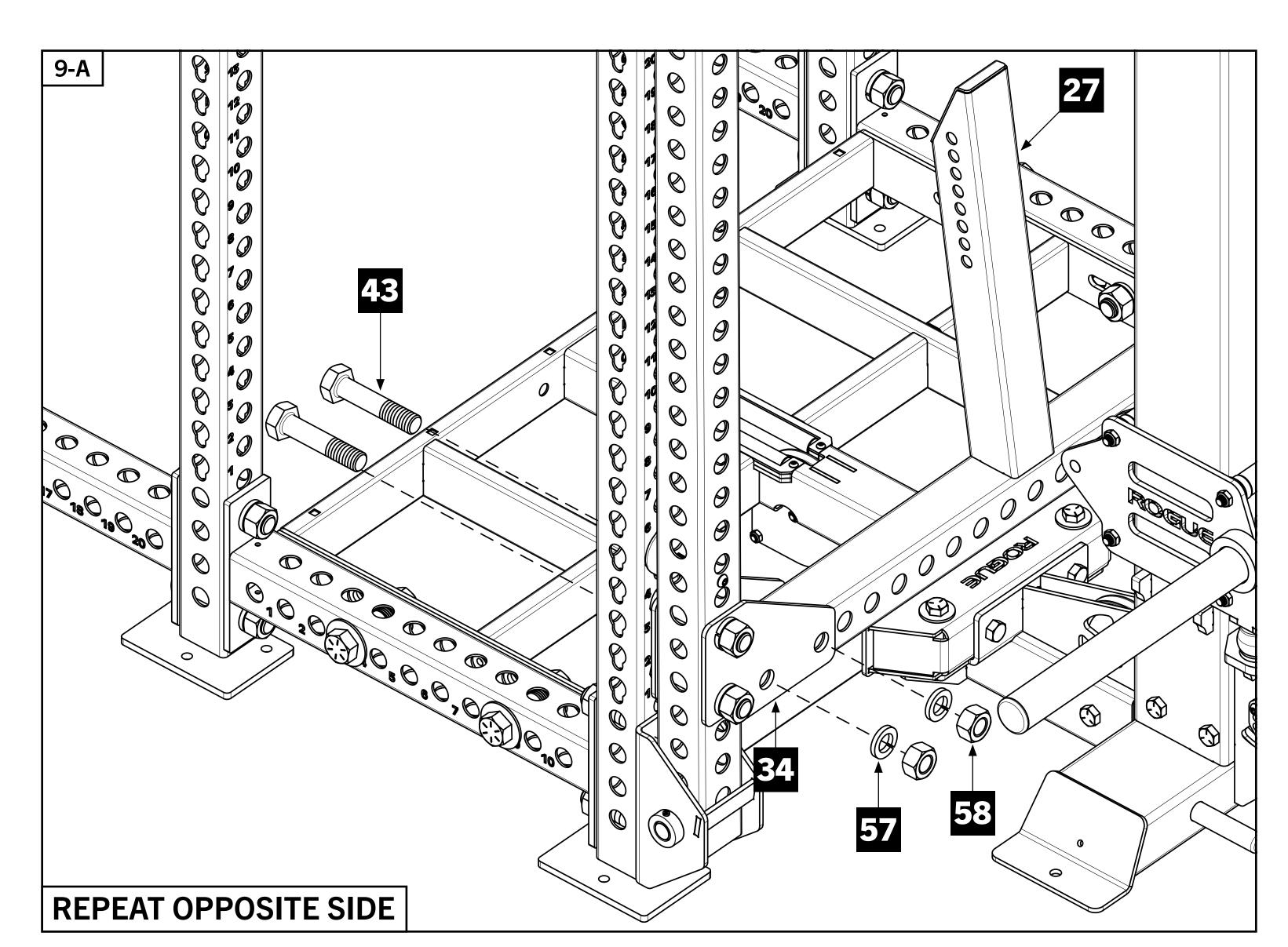


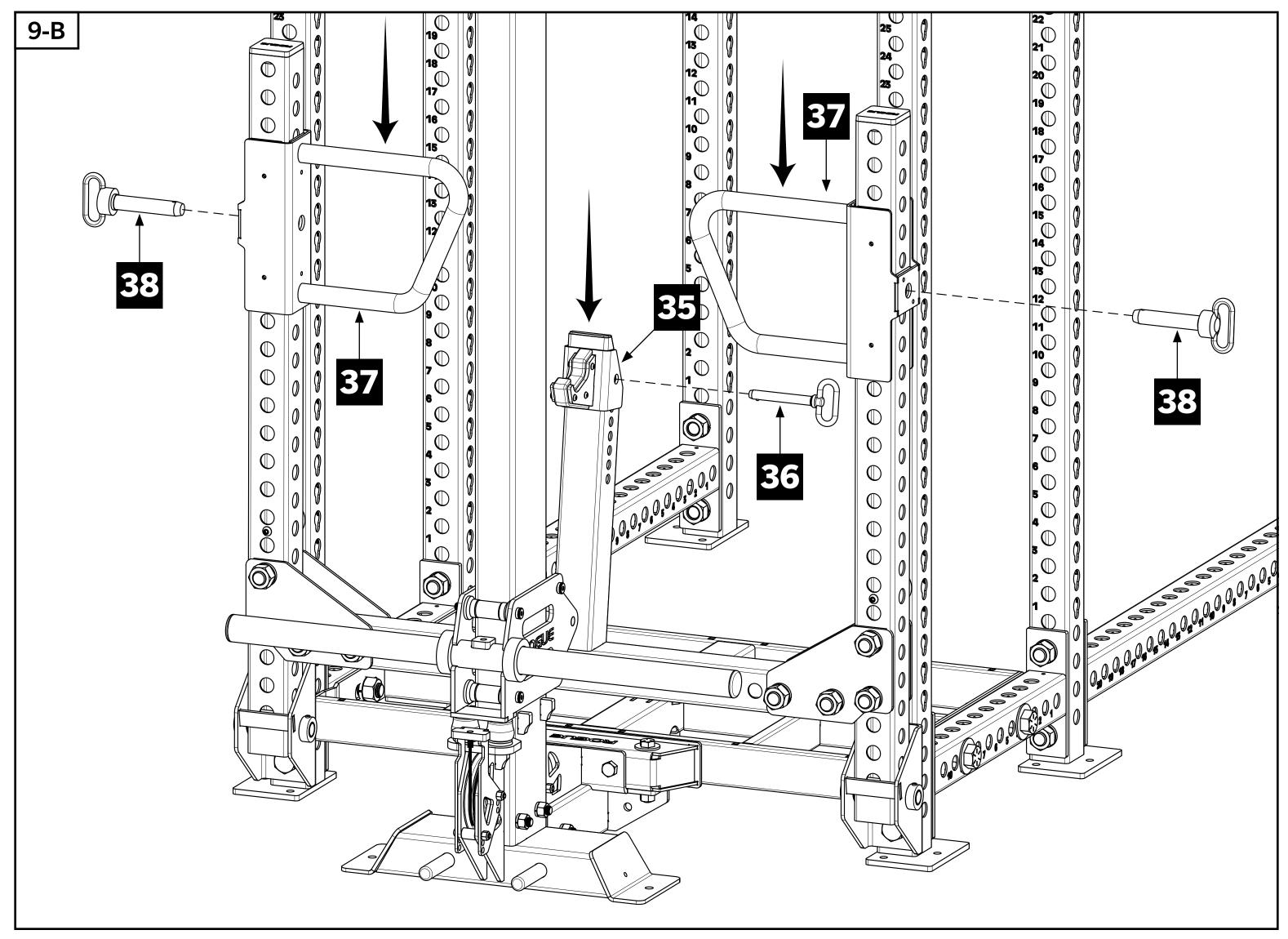




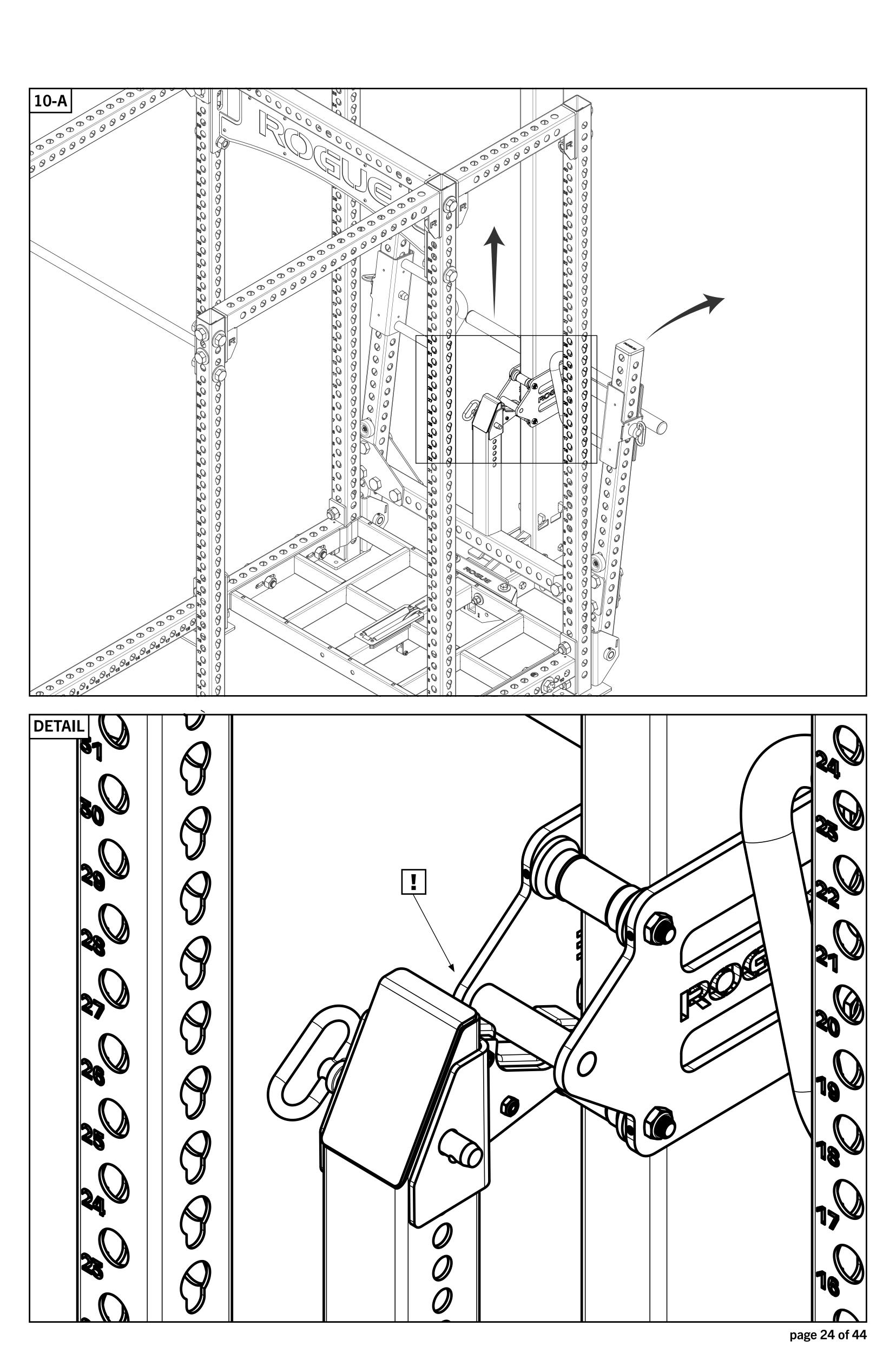
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- Bolt Locking Horn Crossmember [27] to Triangle Plates [34] using 1" X 4-3/4" Hex Bolt [54], 1" Lock Washer [57], and 1" Hex Nut [58].
- Fully tighten all 8 triangle plate bolts while checking all parts remain square.
- Slide Removable Rhino Horn [35] on Locking Horn Crossmember [27] and secure using provided 5/8" Detent Pin [36].
- Slide Multi-Grip Handles [37] on Lever Tubes [28] and secure using provided 1" Hitch Pins [38].



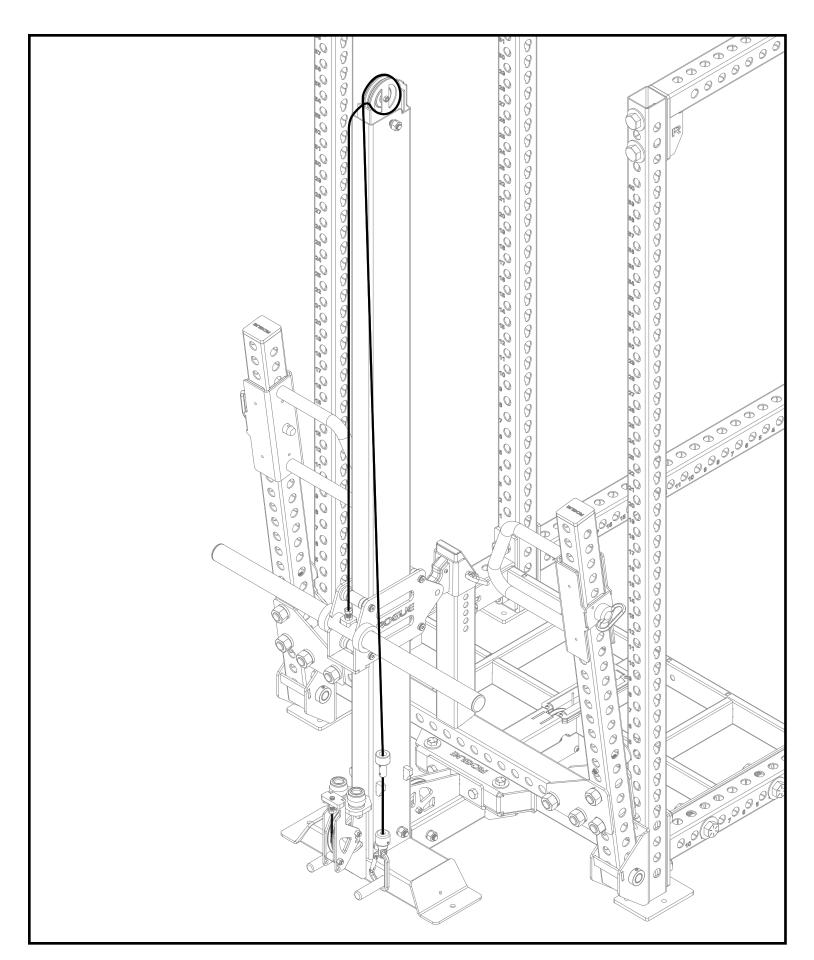


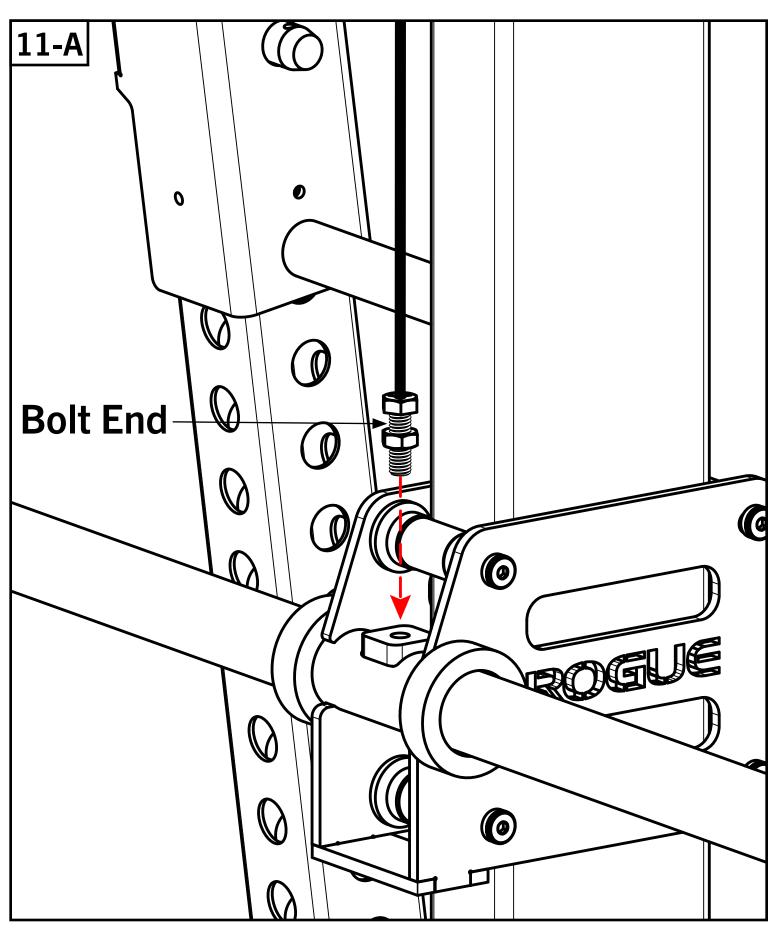
- Lift the Plate Load Trolley and hook it onto the Rhino Hook as shown in the **DETAIL**.
- Ensure there is slack in the lower cable for future steps.

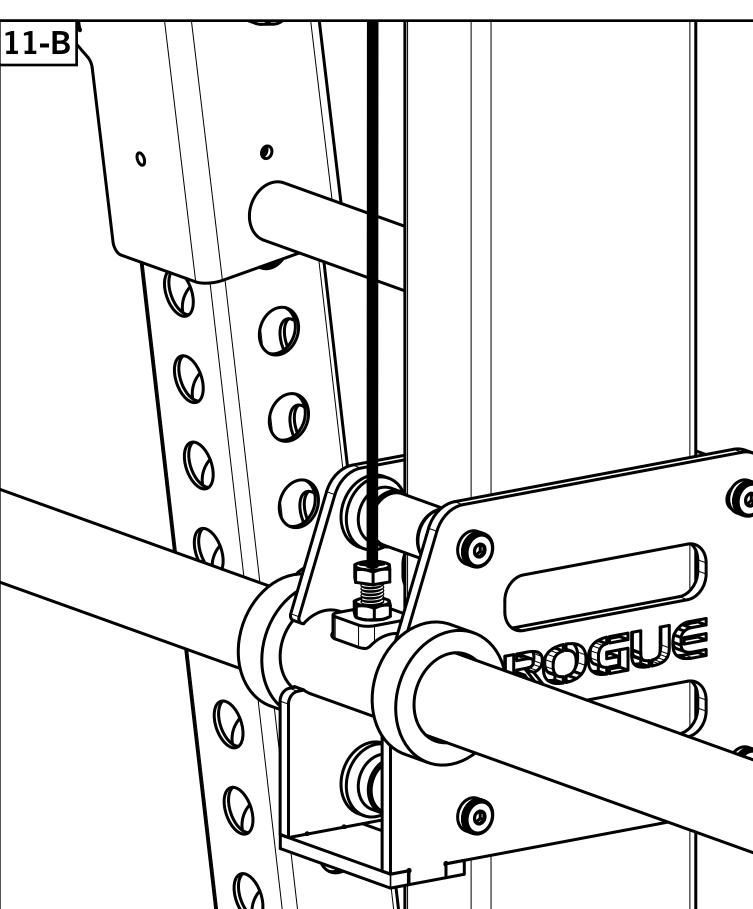


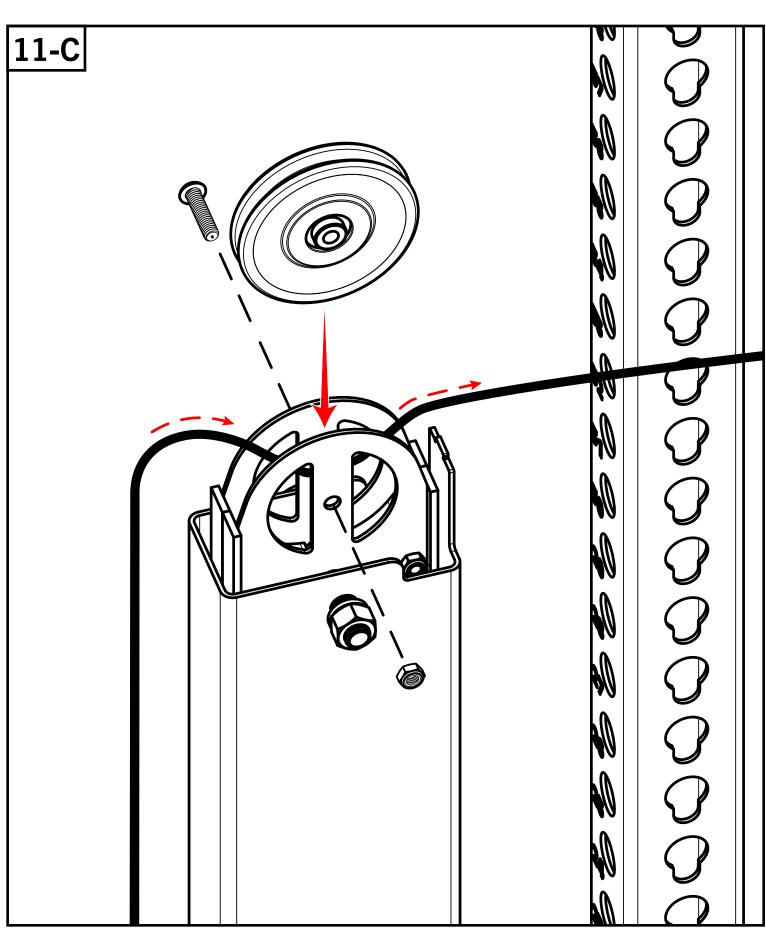
#### Note:

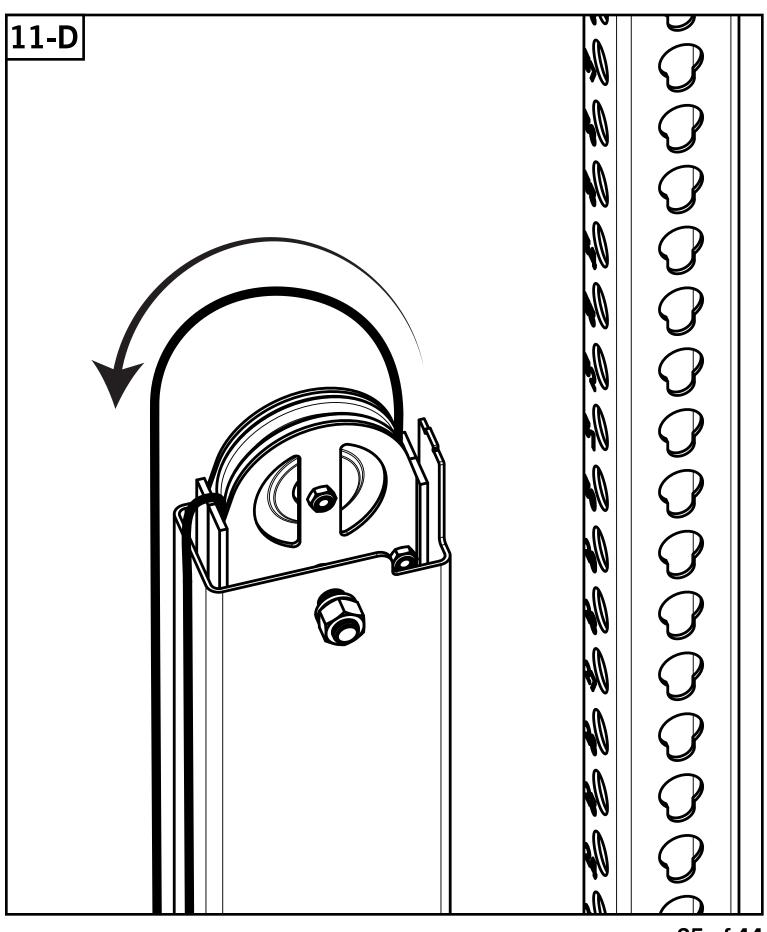
- Completely unwind and straighten out Upper Cable [39] to remove any twists/kinks prior to installation.
- Screw bolt end of Upper Cable [39] into Plate Load Trolley.
- Remove pulley from cable carriage and feed clevis end of Upper Cable [39] through as seen in 11-C.
- Re-install pulley in cable carriage making sure Upper Cable [39] is resting in pulley grove.
- Loop the Upper Cable [39] over and back towards the rear of the Rhino Upright [25], following the orientation shown in 11-D.





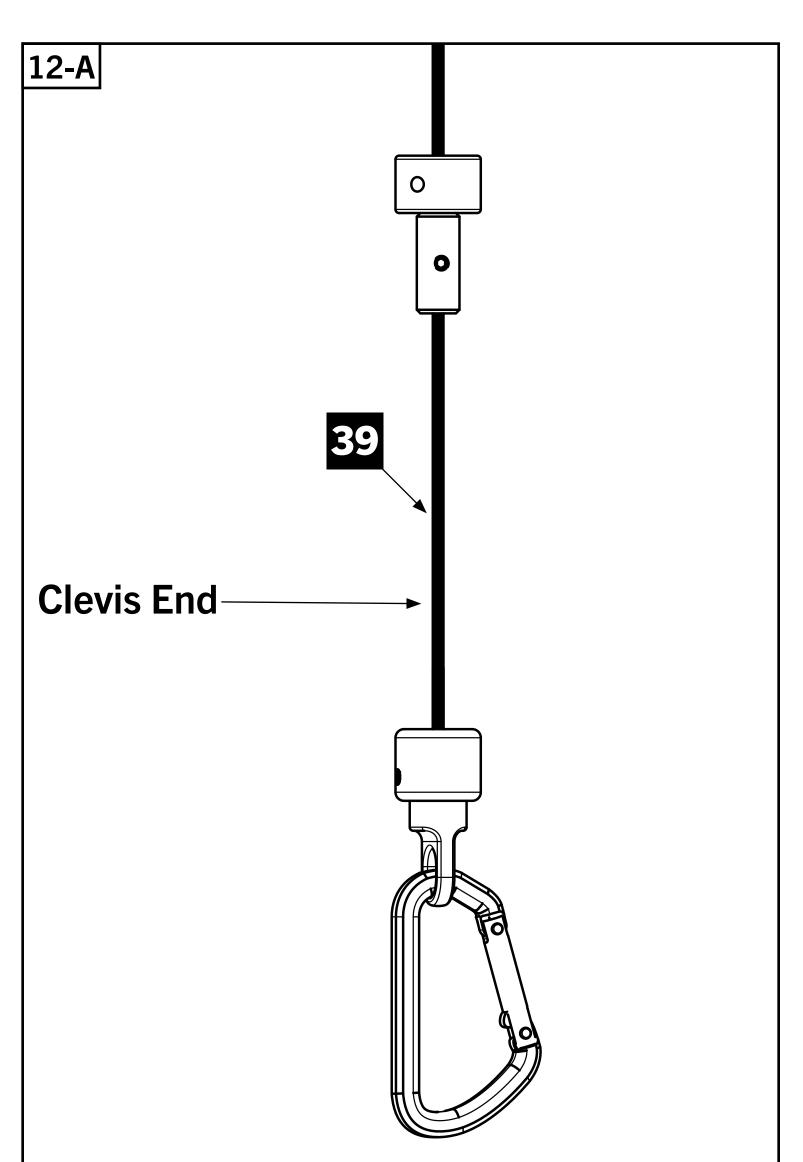


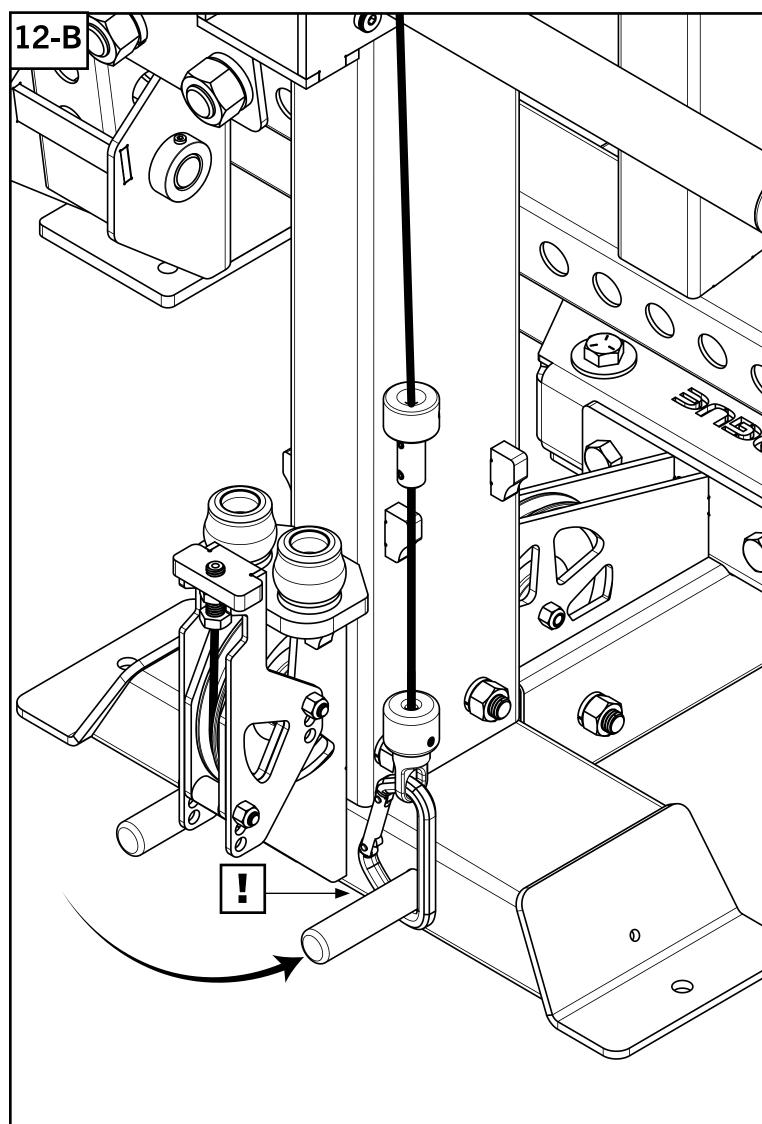


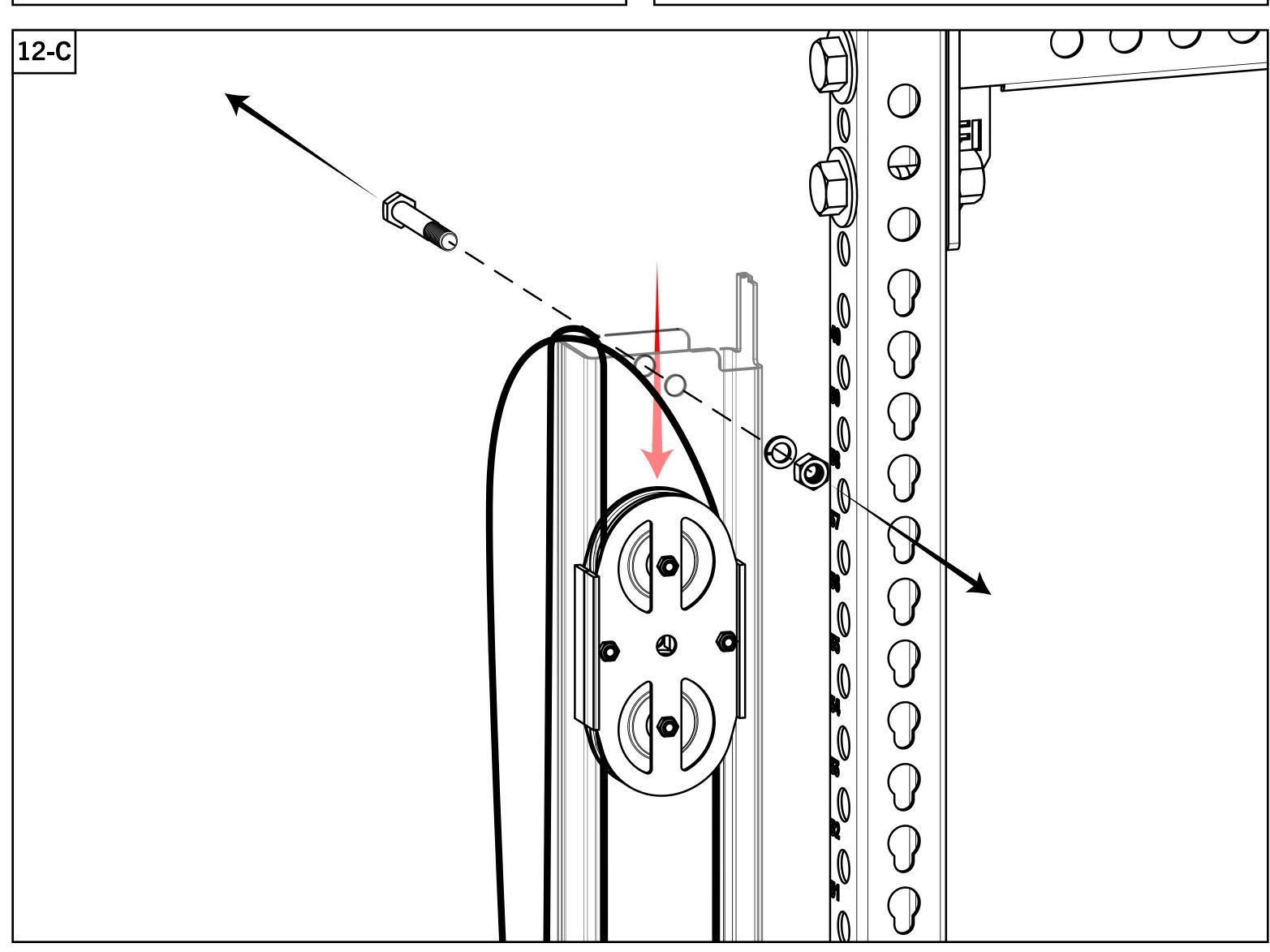


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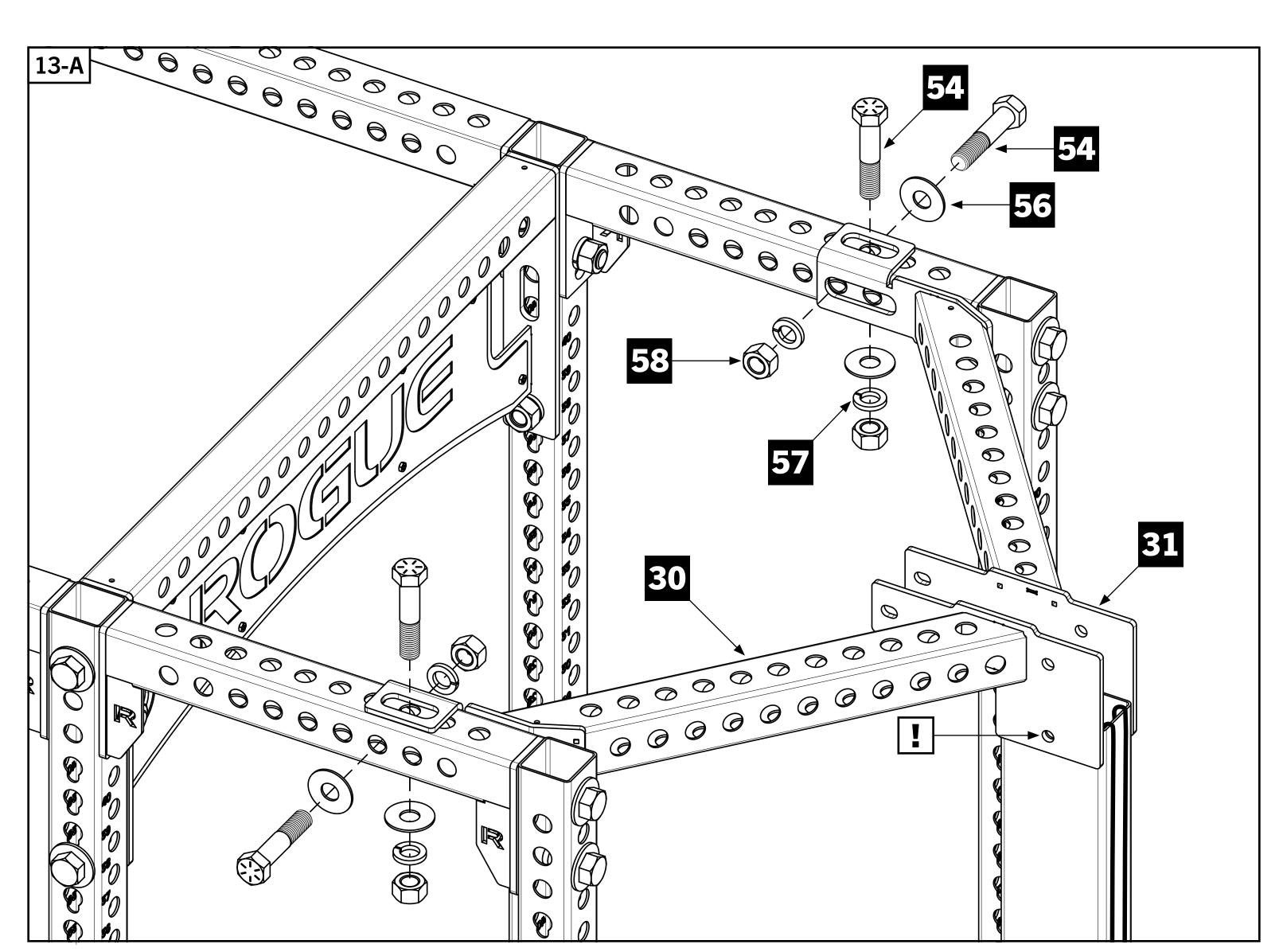
- Attach D Carabiner to clevis end of Upper Cable [39].
- Note: 90" Rack Cable will not have a Cable Retainer/Puck present.
- Clip D Carabiner to peg at bottom of Rhino Upright [25].
- Remove 5/8" hardware in from Rhino Upright [25] as shown in 12-C.
- Push cable trolley downward into Rhino Upright [25] approximately 4 inches from top.

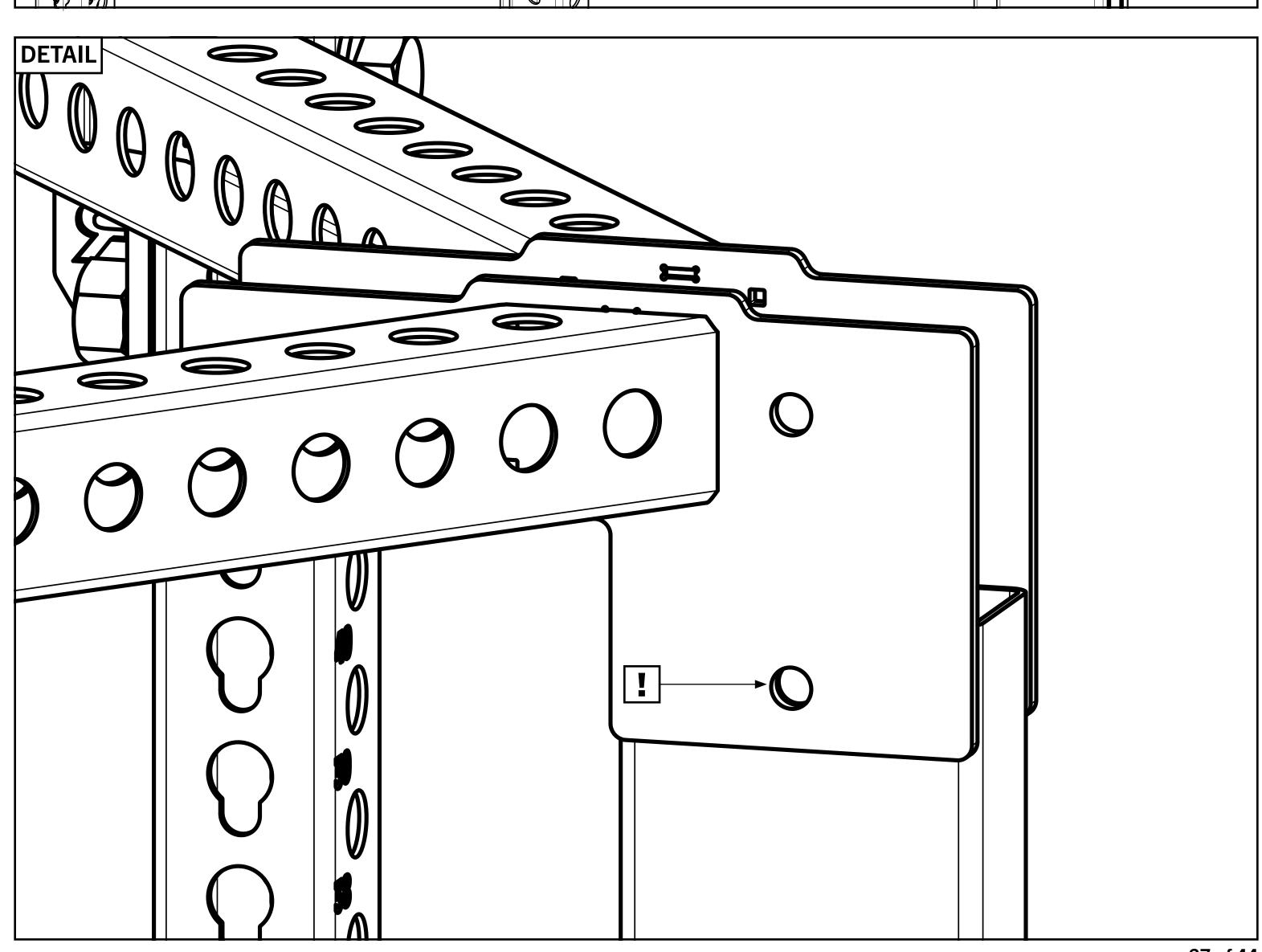




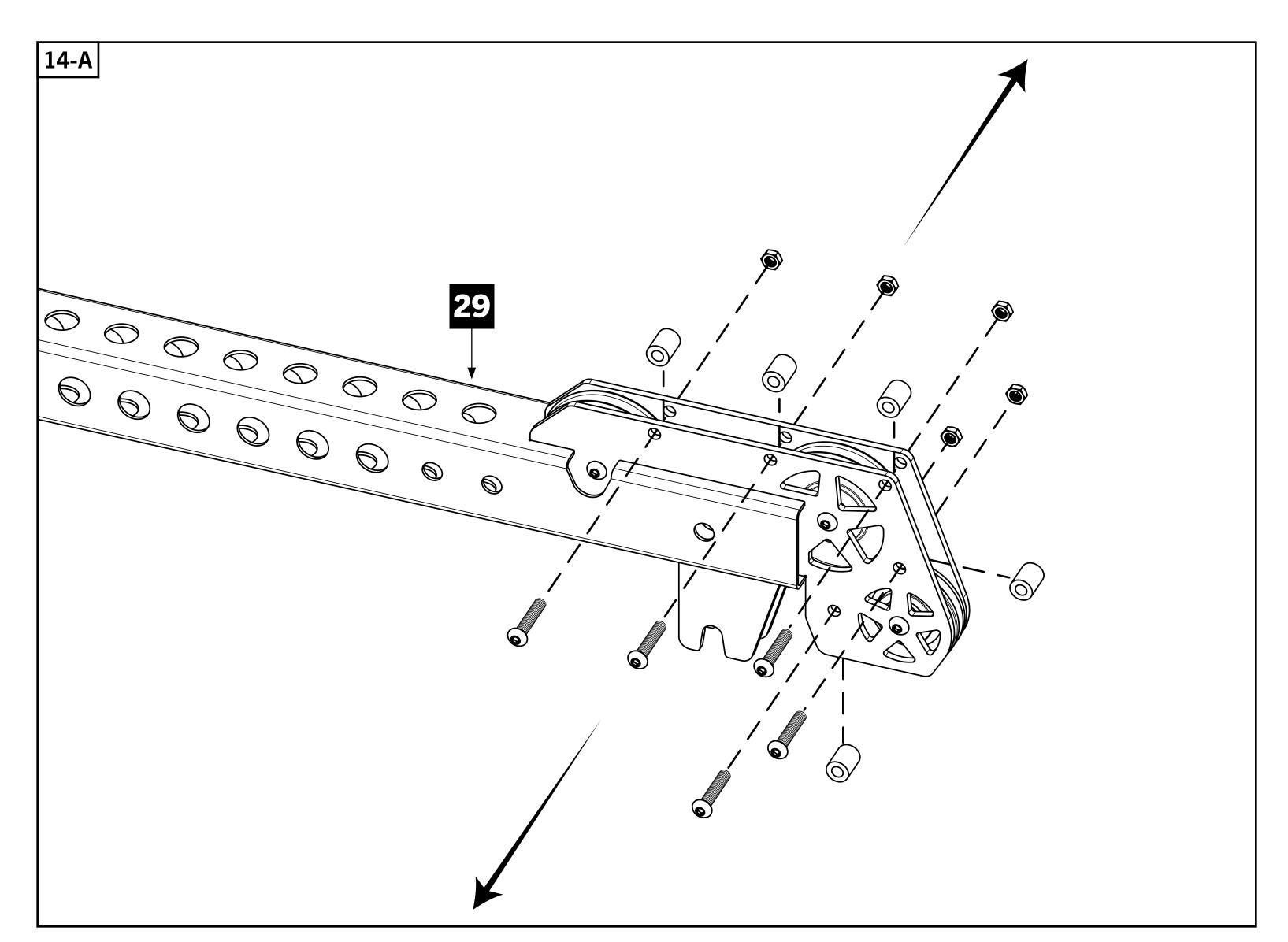


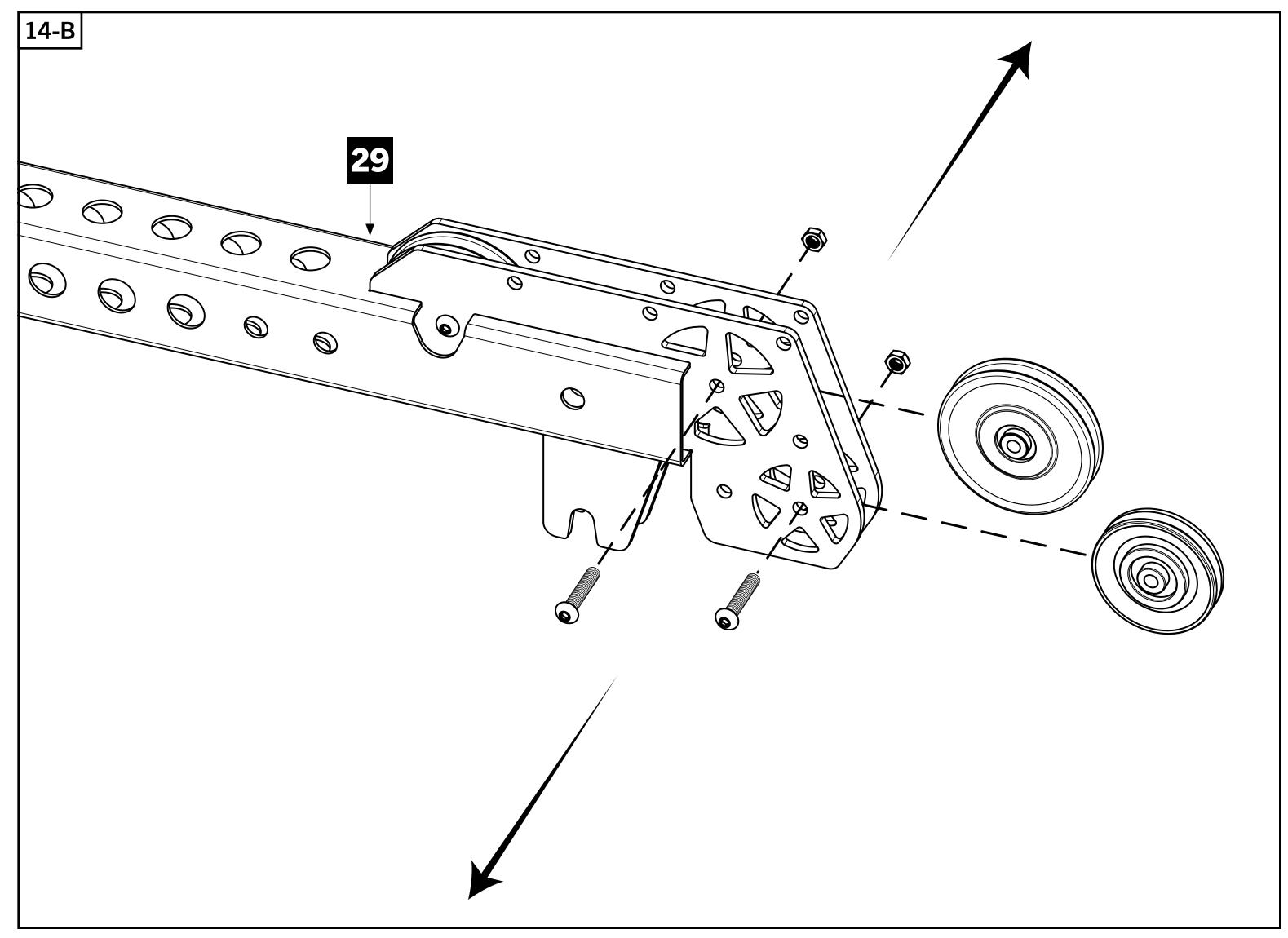
- Bolt Rhino Top Angle Crossmember LH
  [31] and Rhino Top Angle Crossmember RH
  [30] to Rear Top Crossmembers using 1" X
  4.75" Hex Bolt [54], 1" Flat Washer [56],
  1" Lock Washer [57], and 1" Hex Nut [58].
  Bolts Hand Tight Only.
- Insure holes line up on Top Angle Crossmember LH [31], Rhino Top Angle Crossmember RH [30] and Rhino Upright [25] as shown in **DETAIL.**



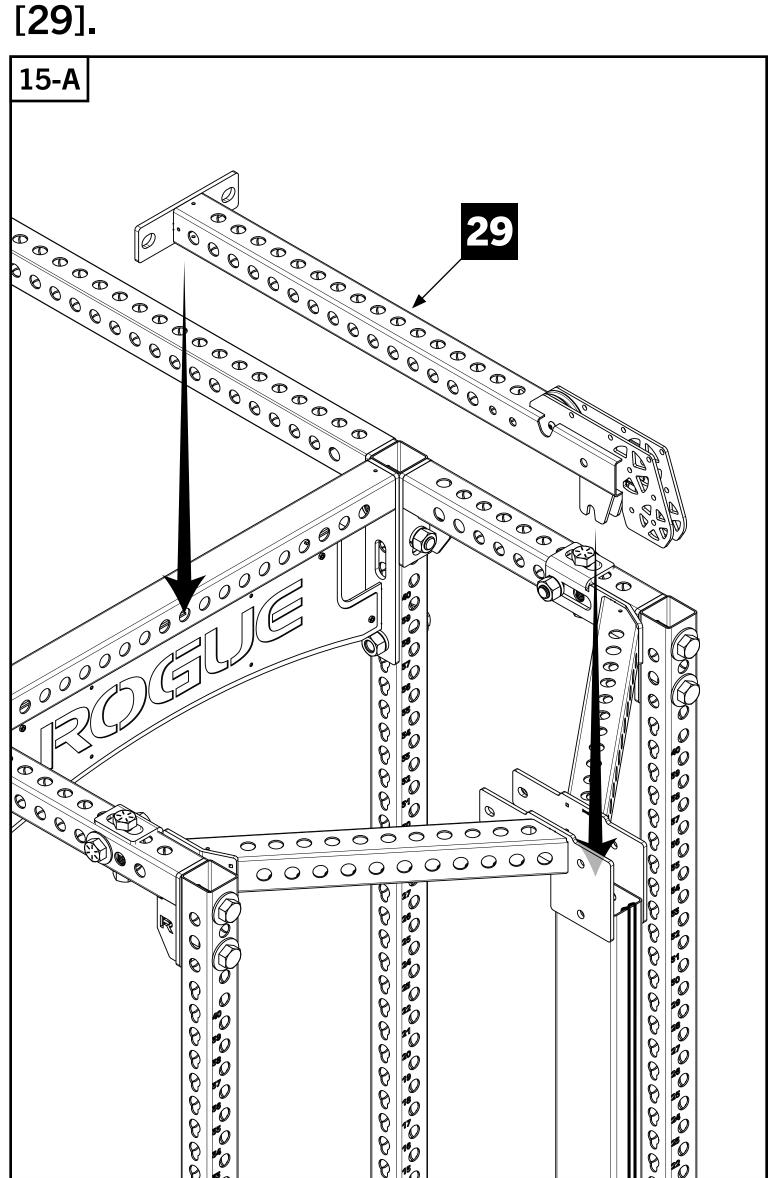


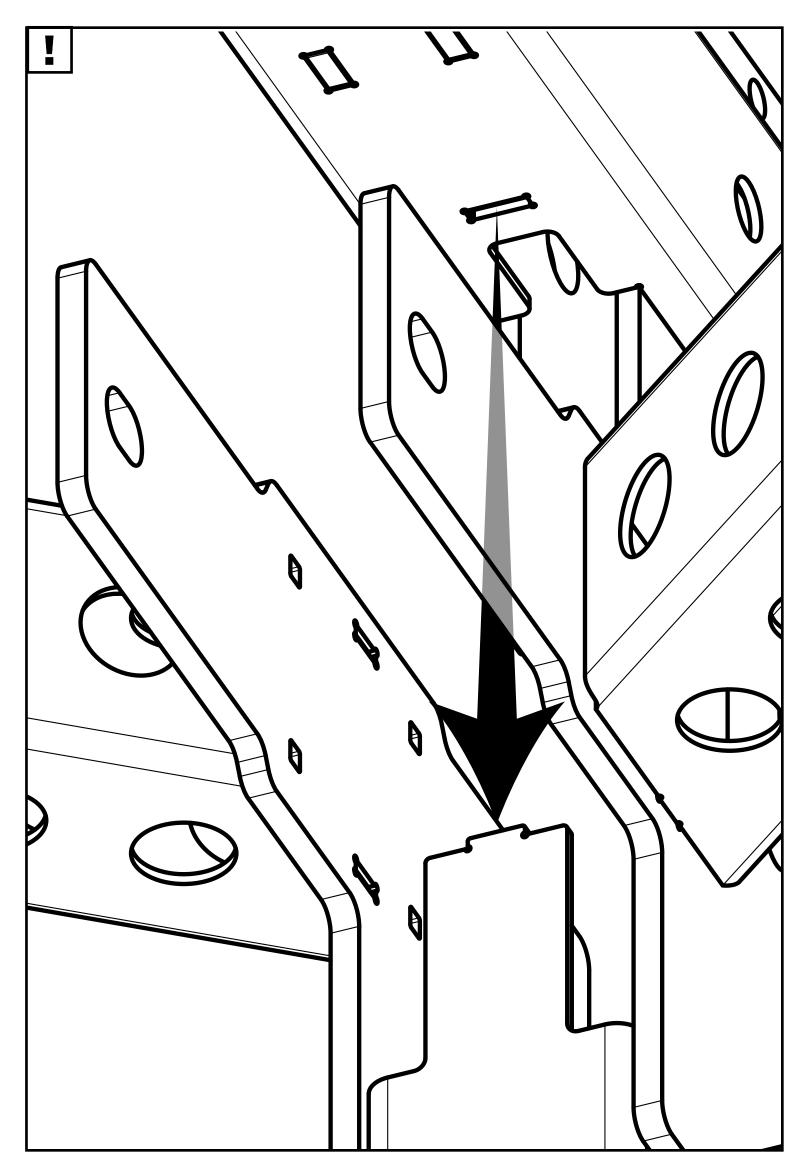
- Remove 3/8" X 2" Button Head Screws 3/8" Nuts, and 3/4" X 1" Spacers from Rhino Top Center Crossmember [29] shown in 14-A.
- Remove 3/8" X 2" Button Head Screws, 3/8" Nuts, 4.5" pulley, and 3.5" pulley from Rhino Top Center Crossmember [29] shown in 14-B.

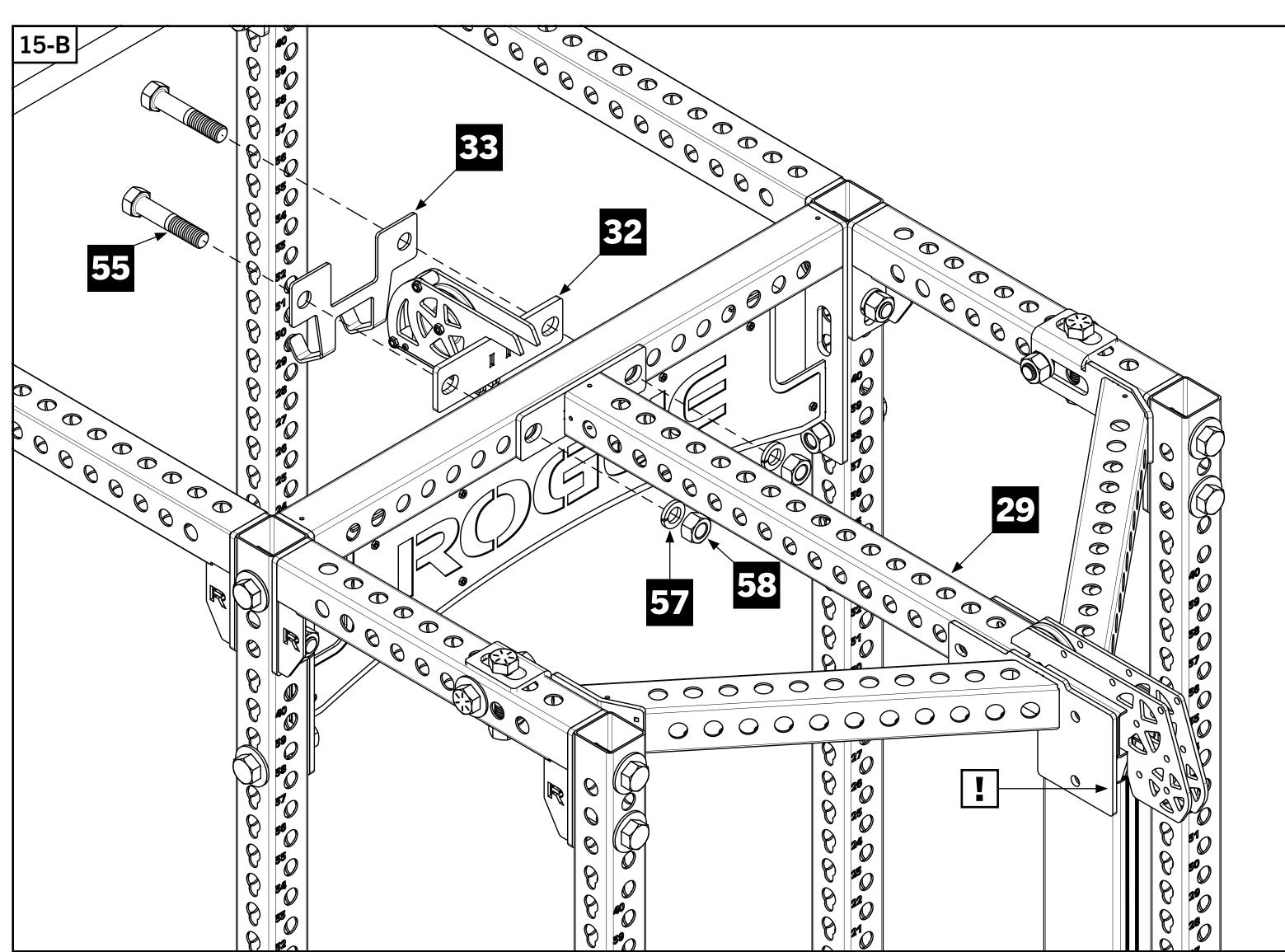




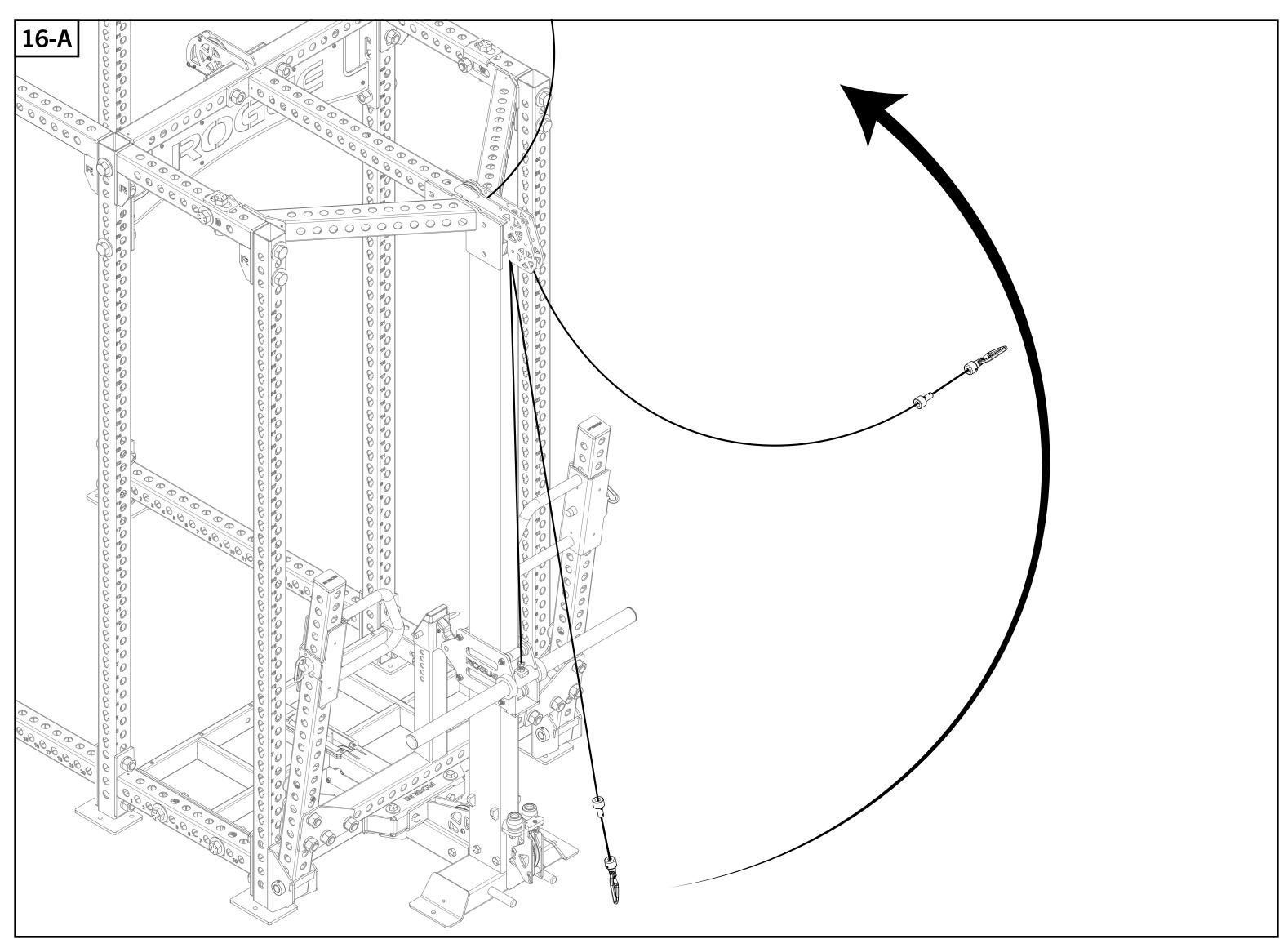
- Using a partner for help, lower the Rhino Top Center Crossmember [29] between the Rhino Top Angle Crossmember LH [31] and Rhino Top Angle Crossmember RH [30], making sure the Upper Cable [39] remains clear and is not pinched during placement.
- I Ensure tab on Rhino Upright [25] is inserted in slot on Top Center Crossmember [29].
- Bolt Rhino Top Center Crossmember
   [29], FM Monster Lat Pulldown Pulley
   Bracket [32], and Lat Bar Hanger [33] to
   the Nameplate Crossmember [16] using 1"
   X 5" Hex Bolt [55], 1" Lock Washer [57],
   and 1" Hex Nut [58]. Bolts Hand Tight Only.
- I Ensure Cables are not pinched.

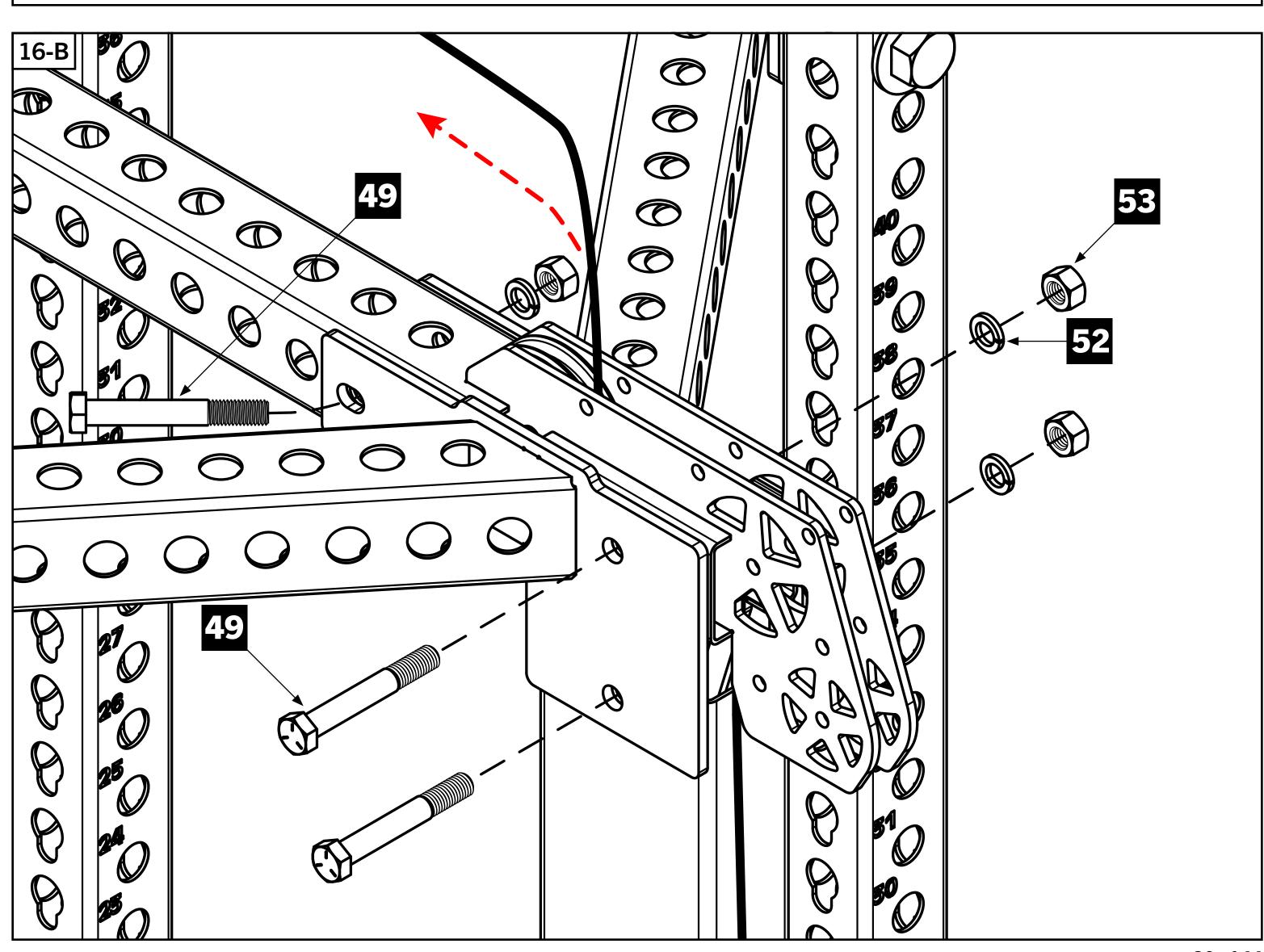






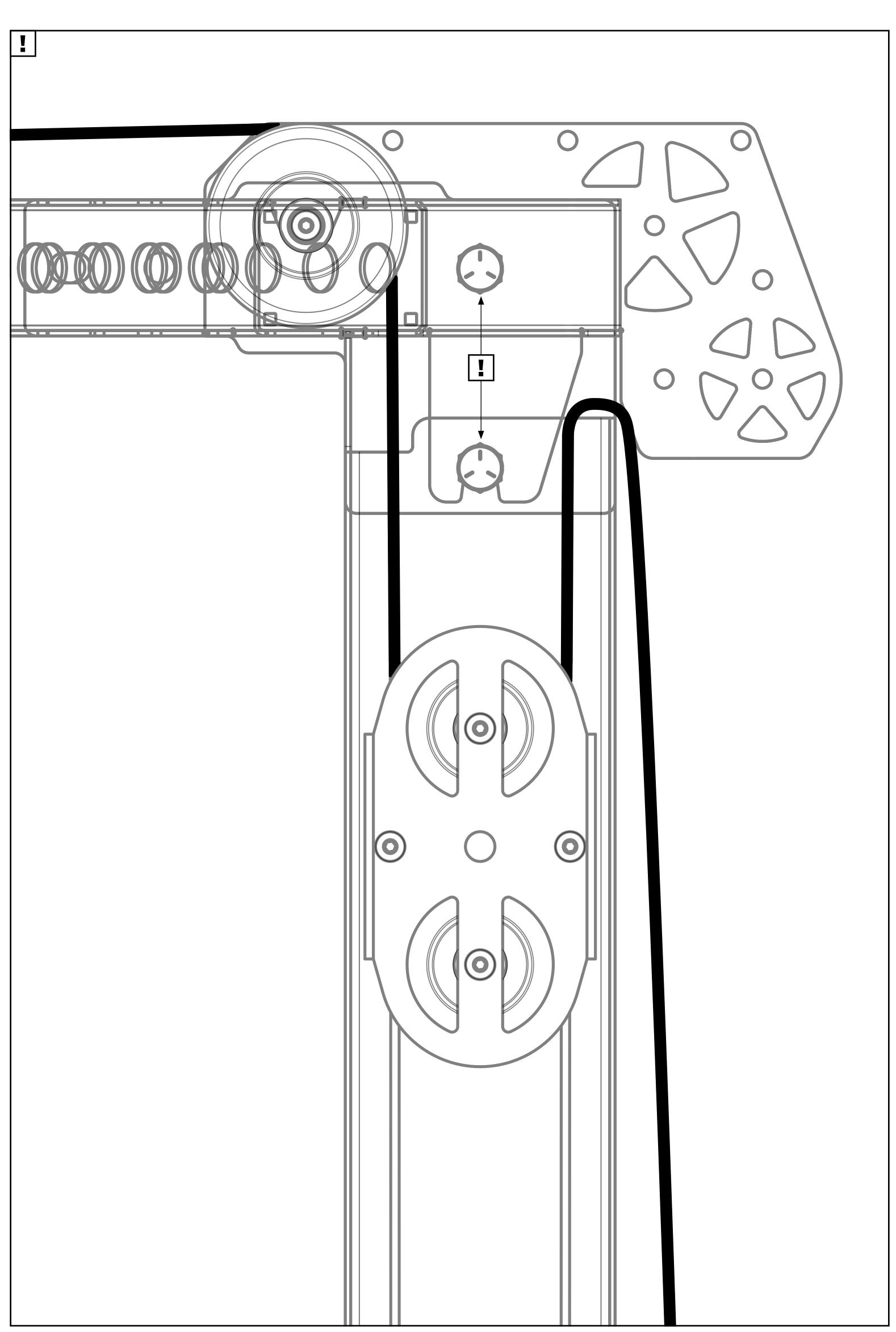
- Unhook carabiner and clevis end of Upper Cable [39] from Rhino Upright [25] post shown in previous STEP 11.
- Pass the clevis end of the Upper Cable [39] between the Rhino Top Center Crossmember [29], then position it into the pulley groove as shown in step 16-B.
- Bolt Rhino Top Angle Crossmember LH [31] and Rhino Top Angle Crossmember RH [30] to Rhino Upright [25] and Rhino Top Center Crossmember [29] using 5/8" X 4-1/2" Hex Bolt [49], 5/8" Lock Washer [52], and 5/8" Nut [53].
- Reuse removed hardware from STEP
   12-C for lower hole.
- Bolts Hand Tight Only.



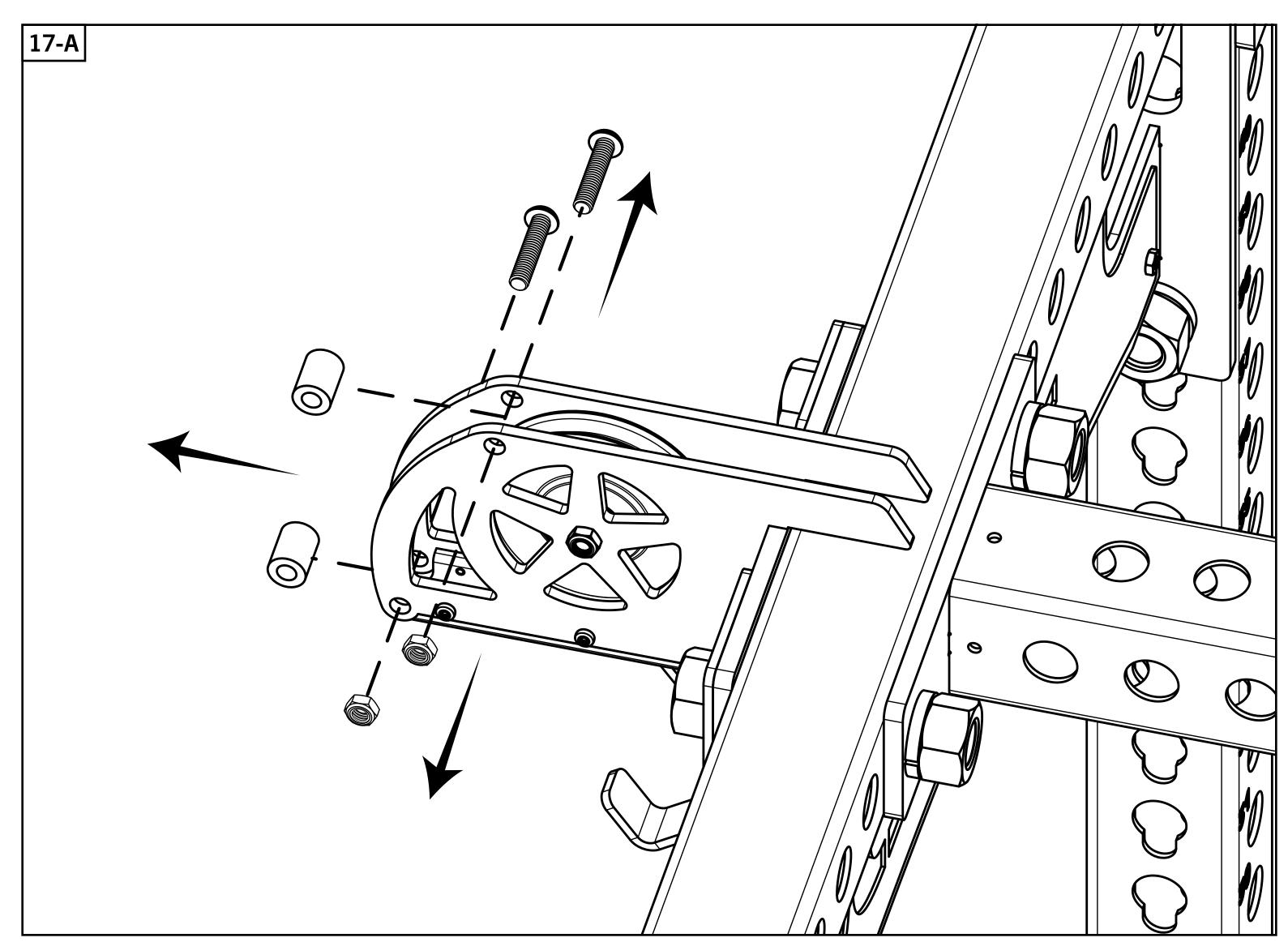


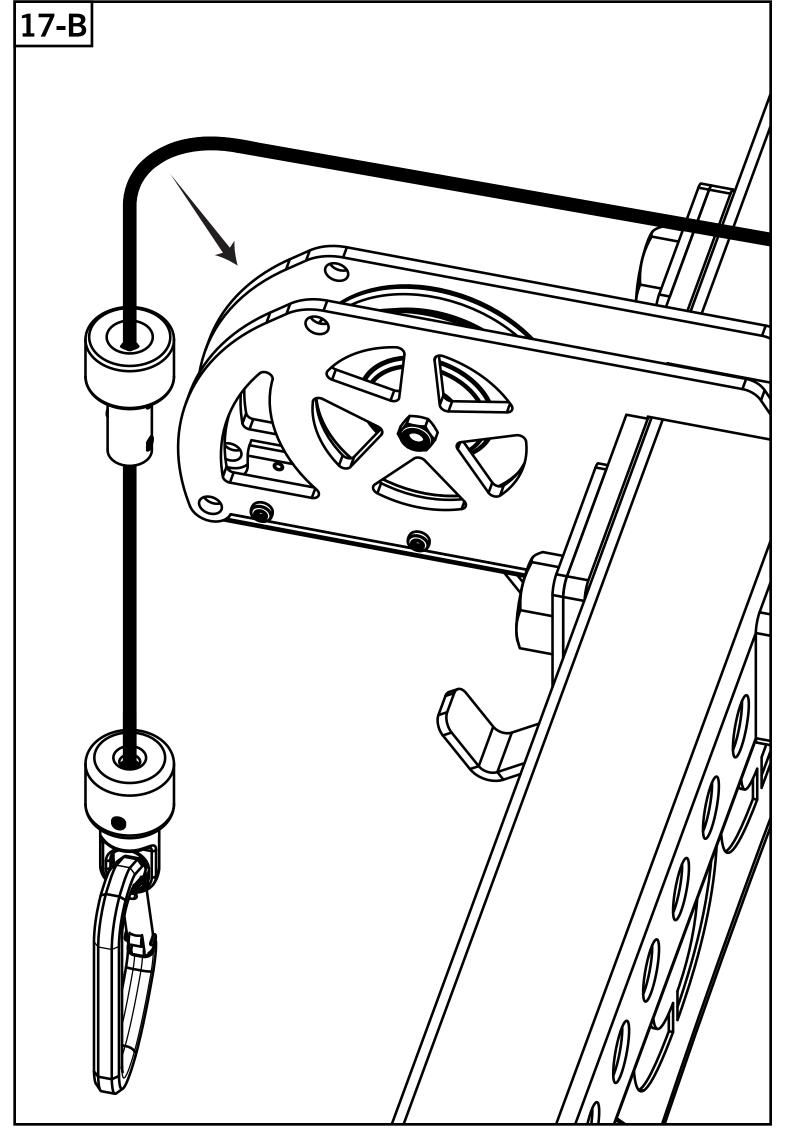
# STEP 16 (CONTINUED)

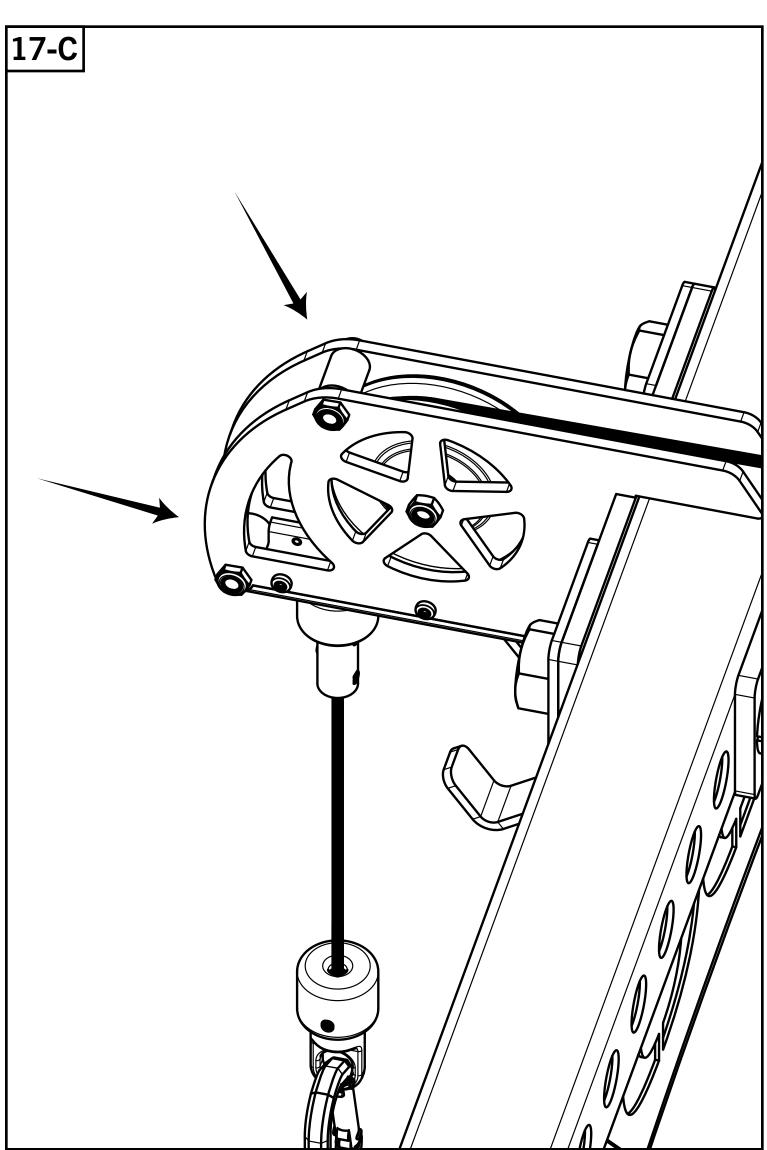
• ! Ensure Upper Cable [39] clears hex bolts as show below.



- Remove 3/8" X 2" Button Head Screws, 3/8" Nuts, and 3/4" X 1" Long Spacers from Lat Pulldown Pulley Bracket [32].
- Place the clevis end of the Upper Cable [39] into the groove of the 4.5" Pulley as shown in step 17-B. Ensure the cable rests securely within the groove.
- Re-install 3/4" X 1" Long Spacers to Lat Pulldown Pulley Bracket [32] using hardware removed in 17-A.

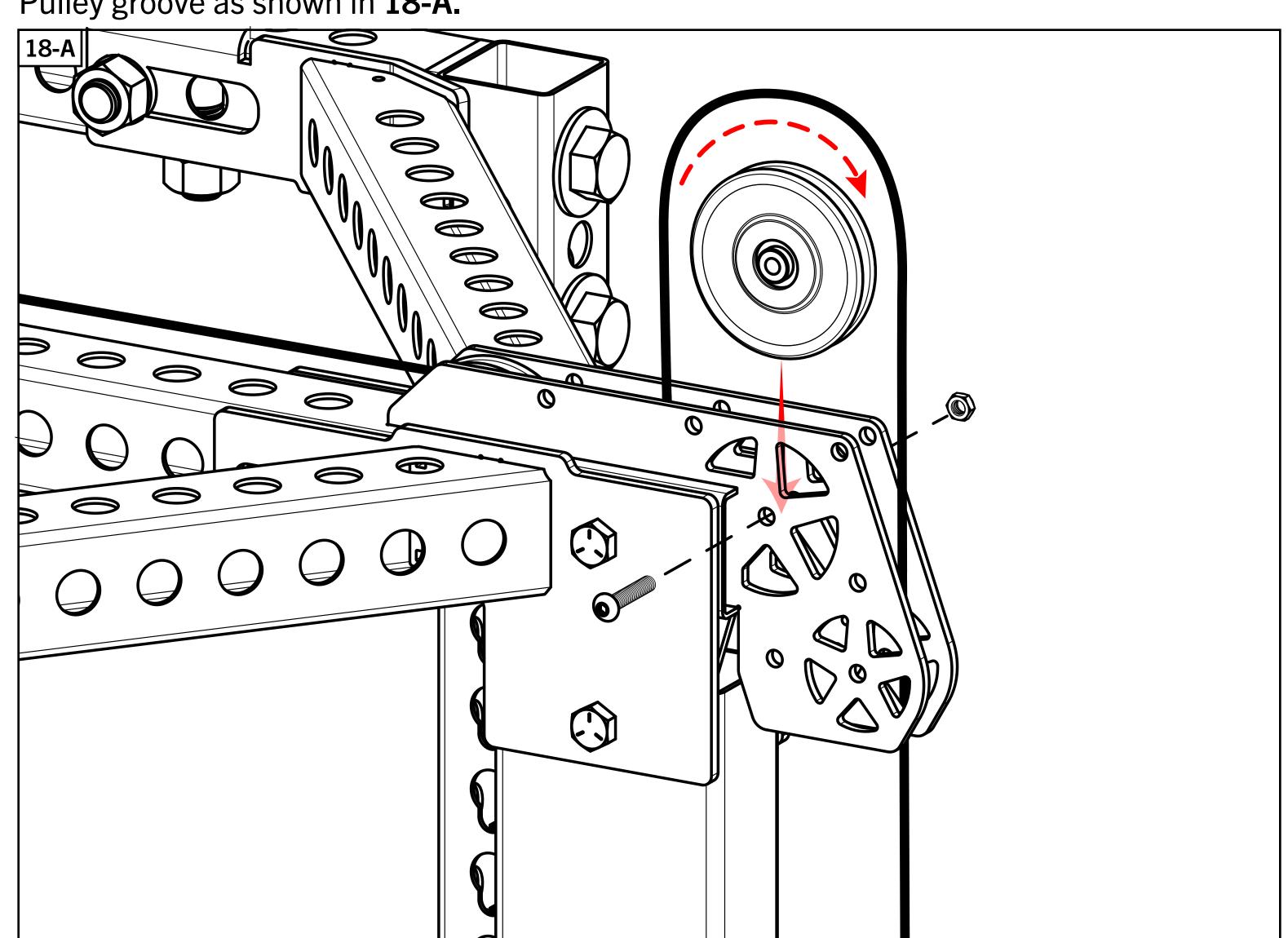


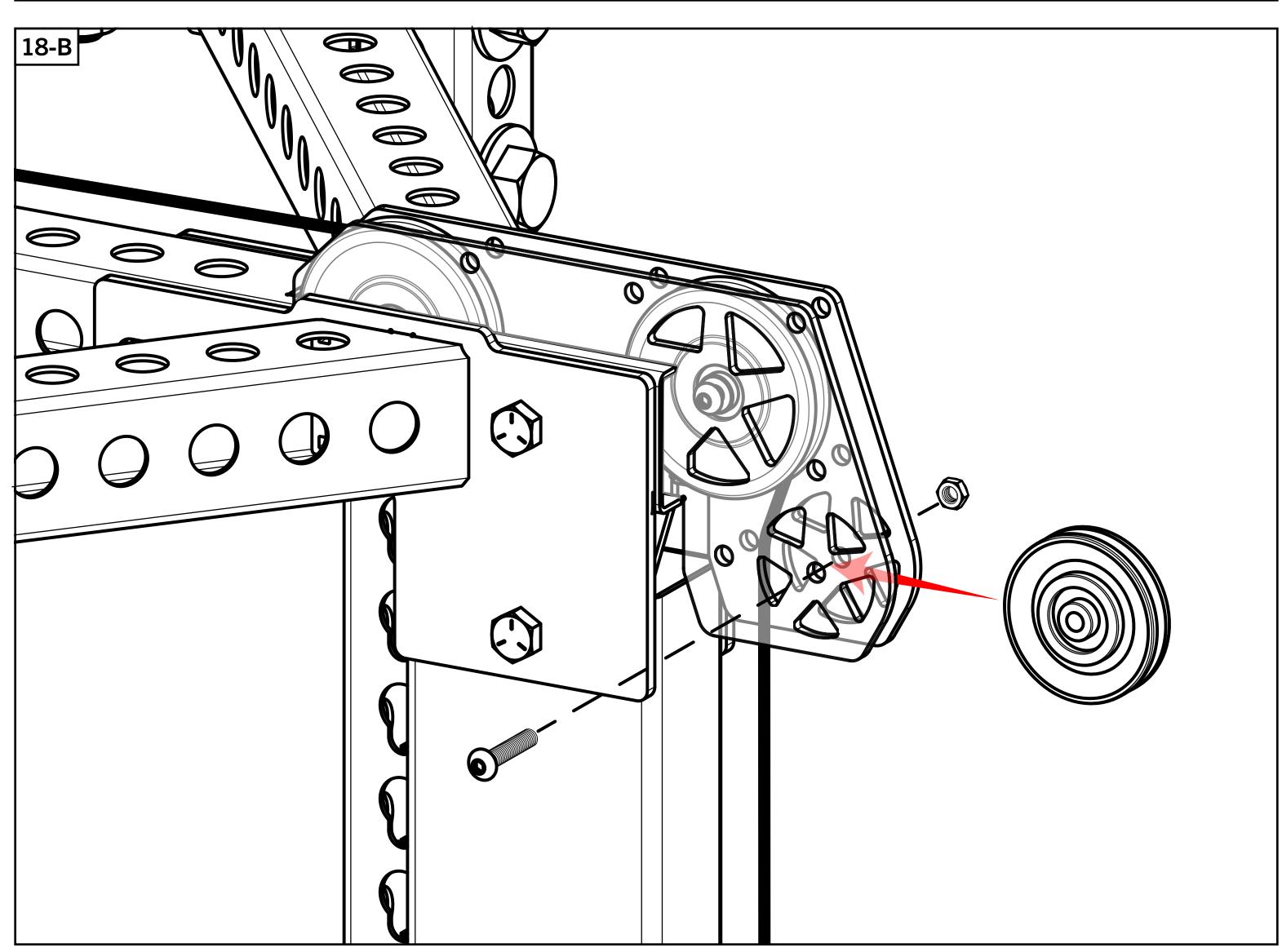




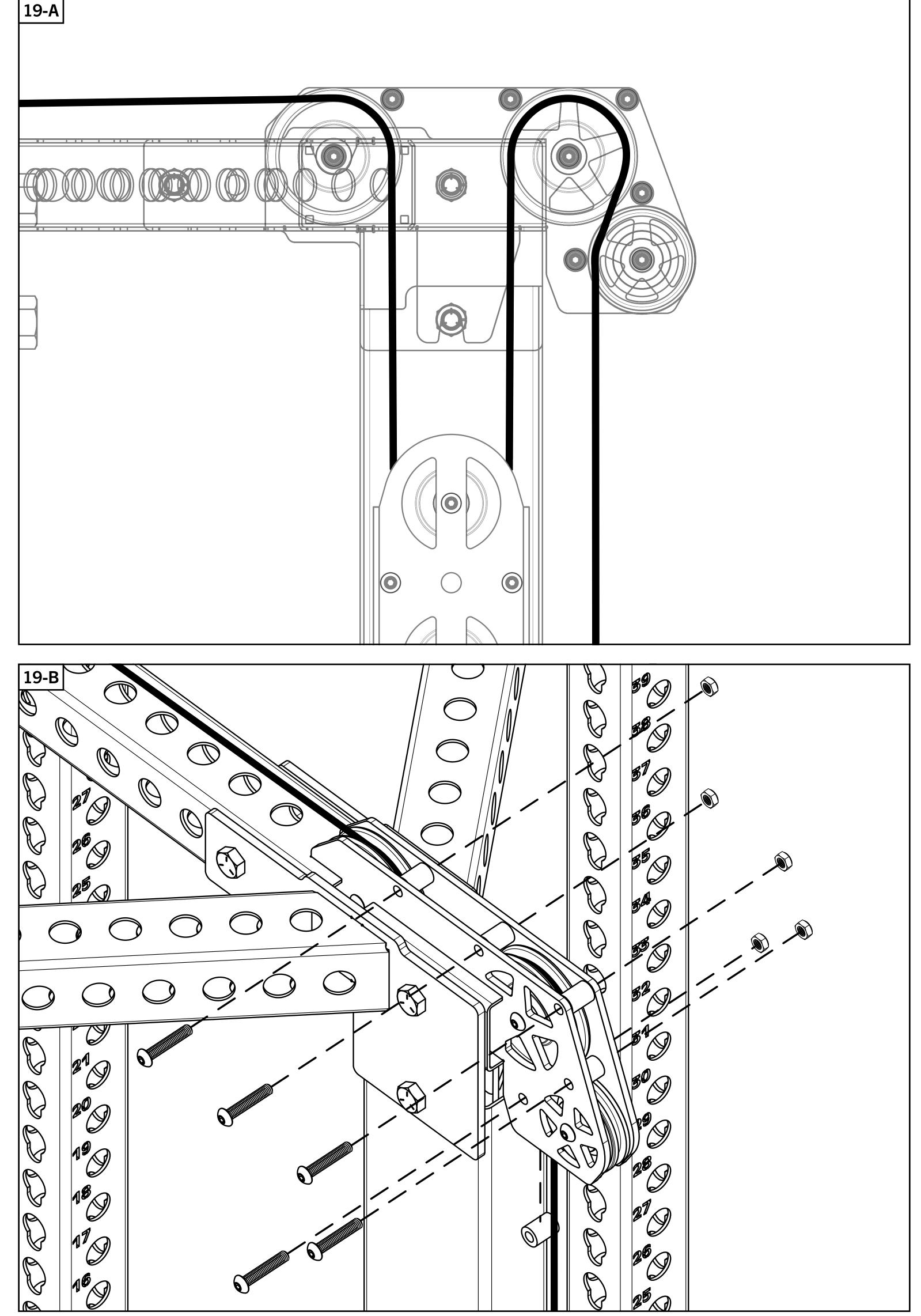
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- Note: Use hardware/pulleys removed in STEP 14.
- Attach the 4.5" Pulley to the Rhino Top Center Crossmember [29], making sure the Upper Cable [39] is properly routed around the pulley. Secure the pulley with a 3/8" x 2" Button Head Screw and a 3/8" Nut.
- Ensure Upper Cable [39] rests in 4.5" Pulley groove as shown in 18-A.
- Attach 3.5" Pulley to the Rhino Top Center Crossmember [29], making sure the Upper Cable [39] is properly routed behind the pulley. Secure the pulley with a 3/8" x 2" Button Head Screw and a 3/8" Nut.
- Ensure Upper Cable [39] rests behind and is in the grove of the 3.5" Pulley as shown in 18-B.



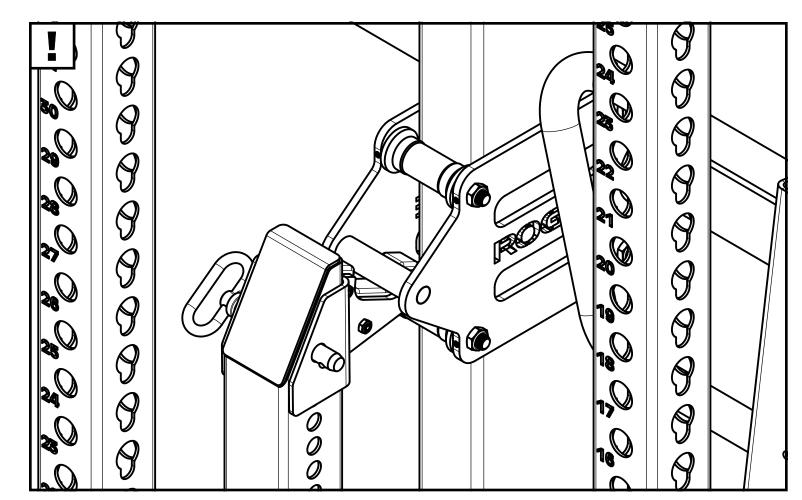


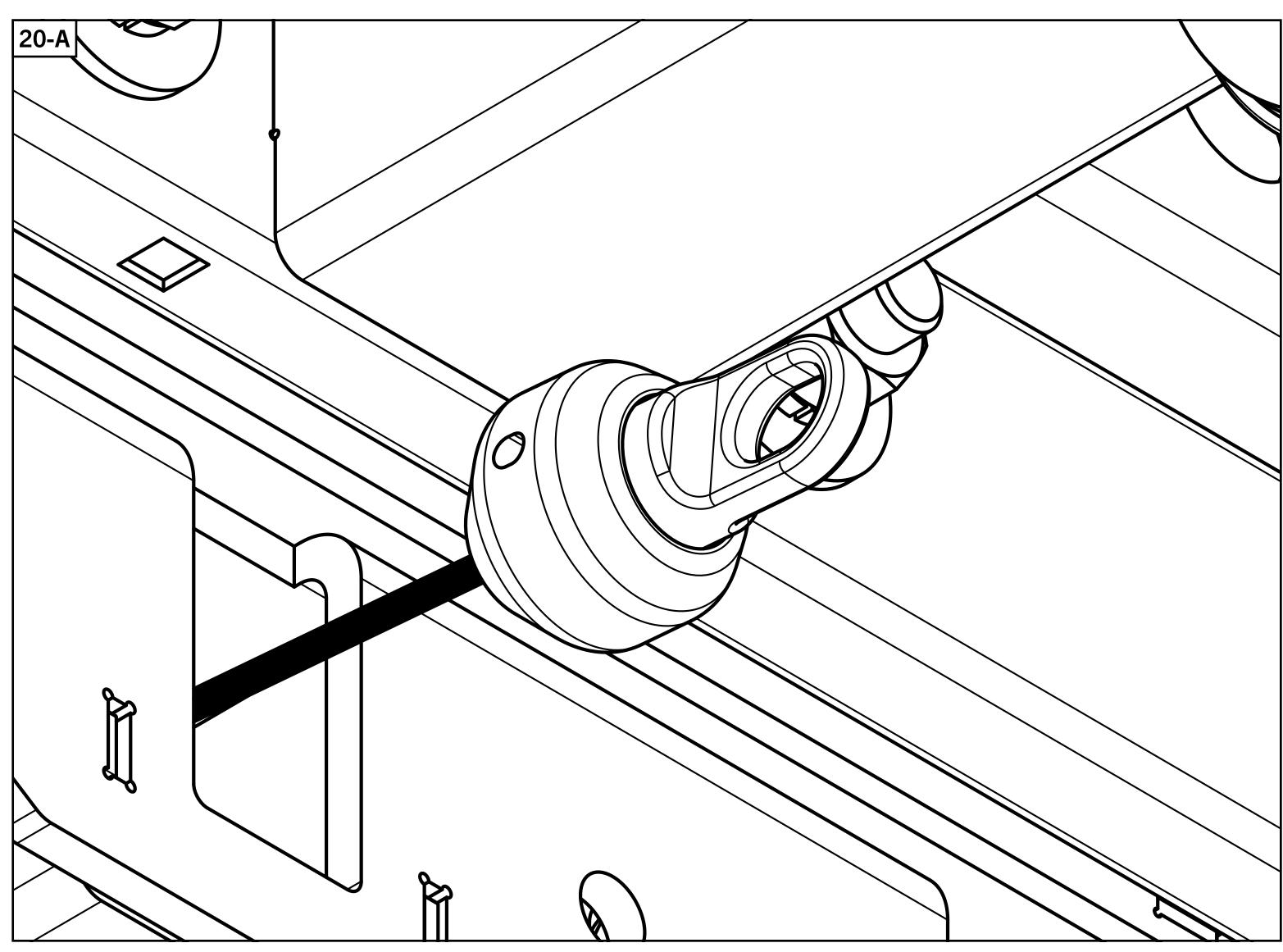
- Note: Ensure Upper Cable [39] routing matches 19-A before continuing.
- Note: Use hardware removed in STEP 13.
- Bolt 3/4" X 1" Spacer into Rhino Top Center Crossmember [29] using 3/8" X 2" Button Head Screws and 3/8" Nuts.

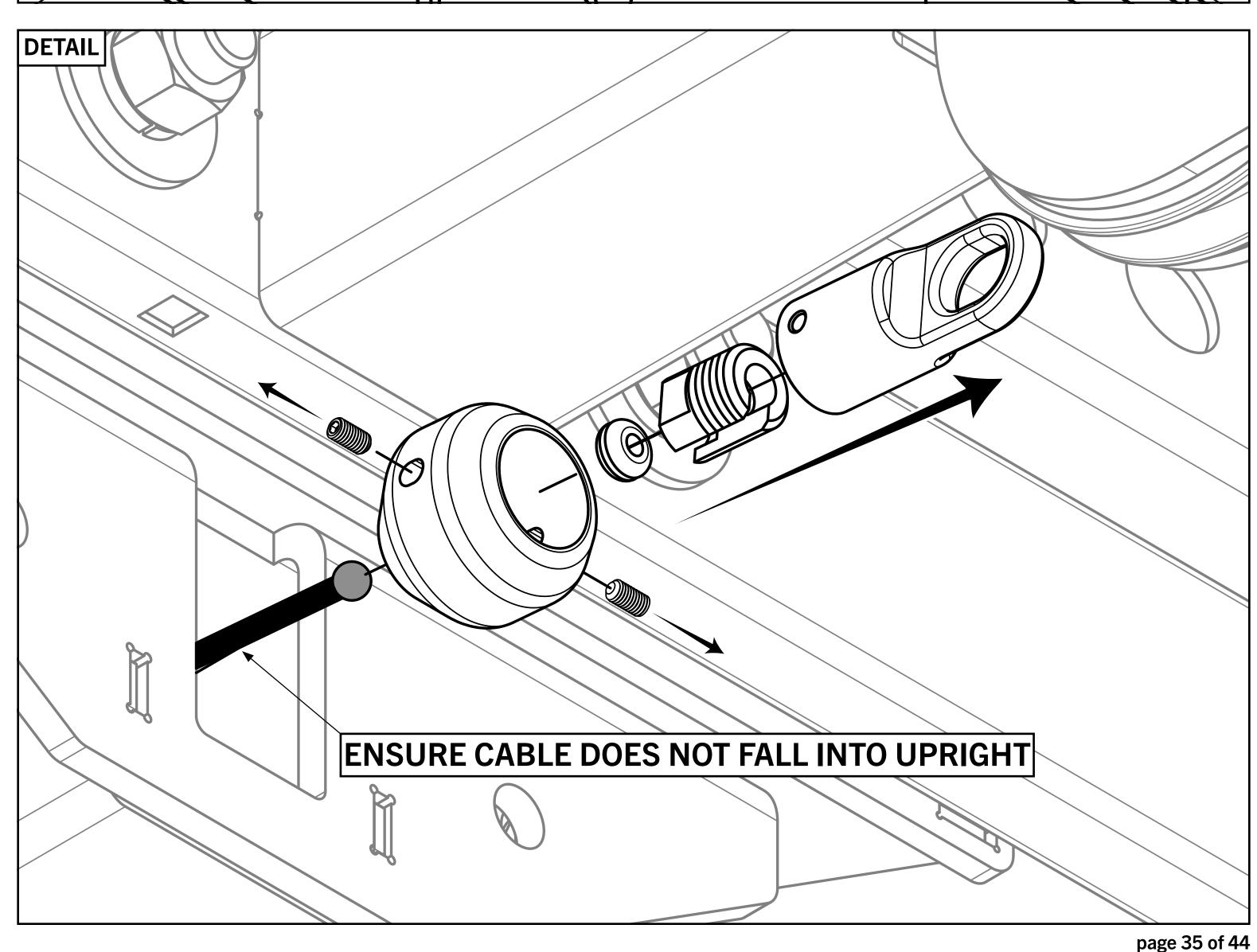


#### **Tools Required:**

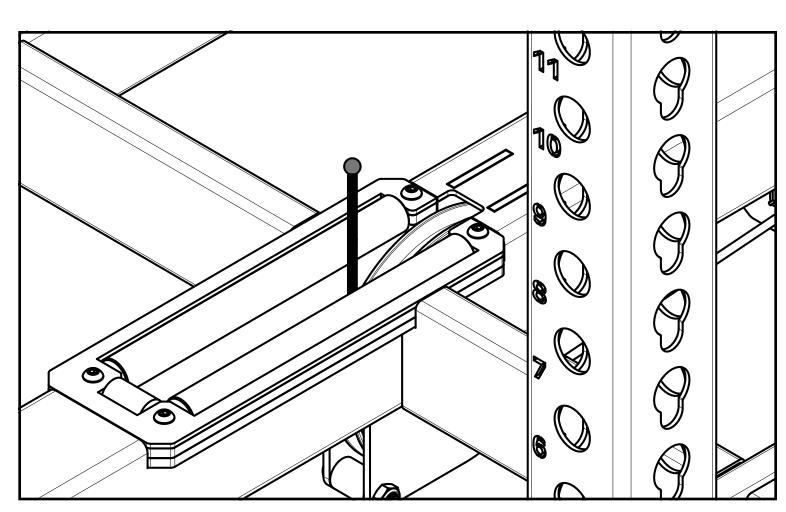
- 3/32" Allen Key & 5/8" Wrench
- I Ensure Plate Load Trolley is hooked on Rhino Hook before continuing.
- Completely disassemble the Clevis included with the lower cable by unscrewing set screws and Split Threaded Insert, and remove ball end of cable.

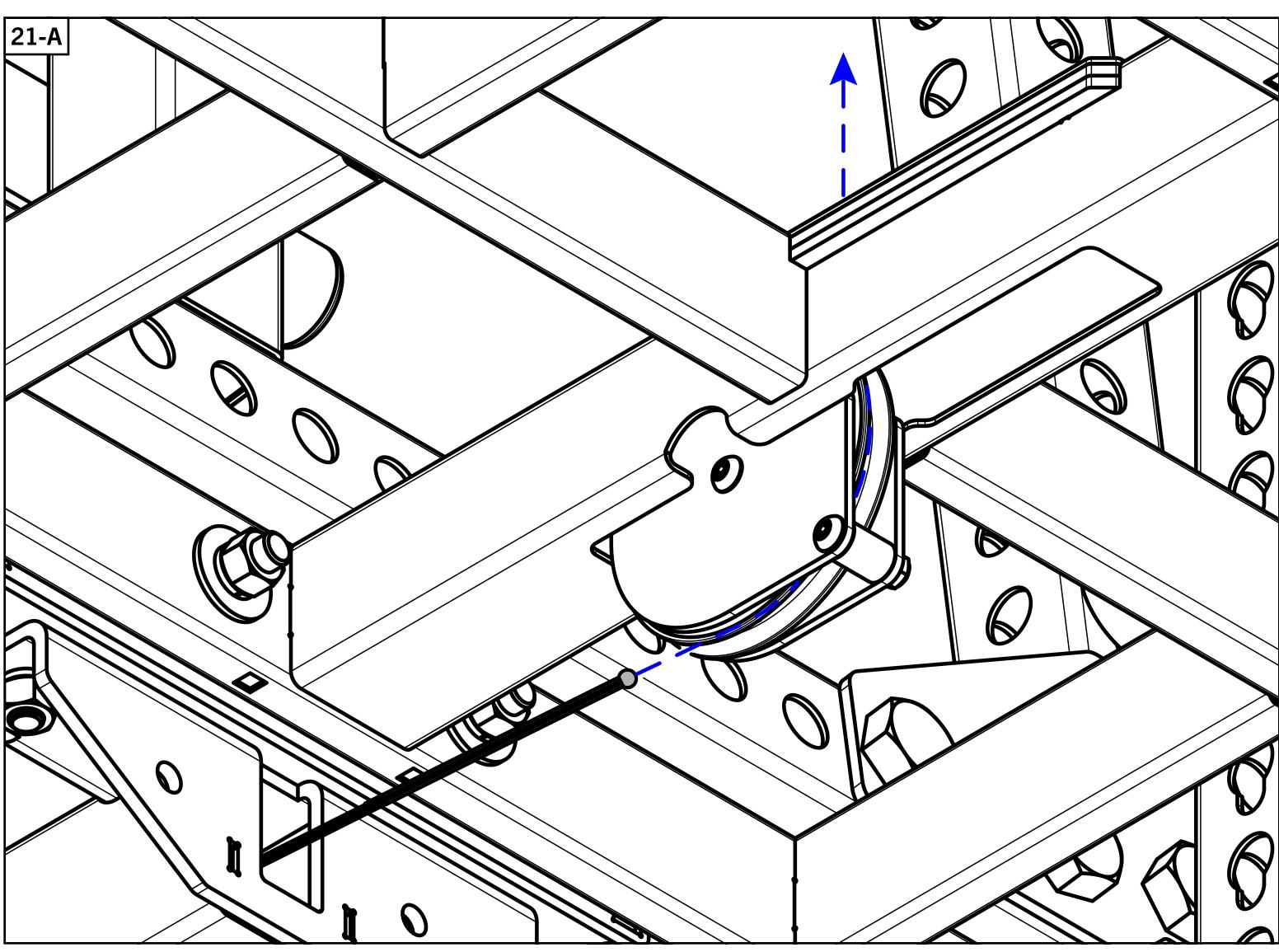


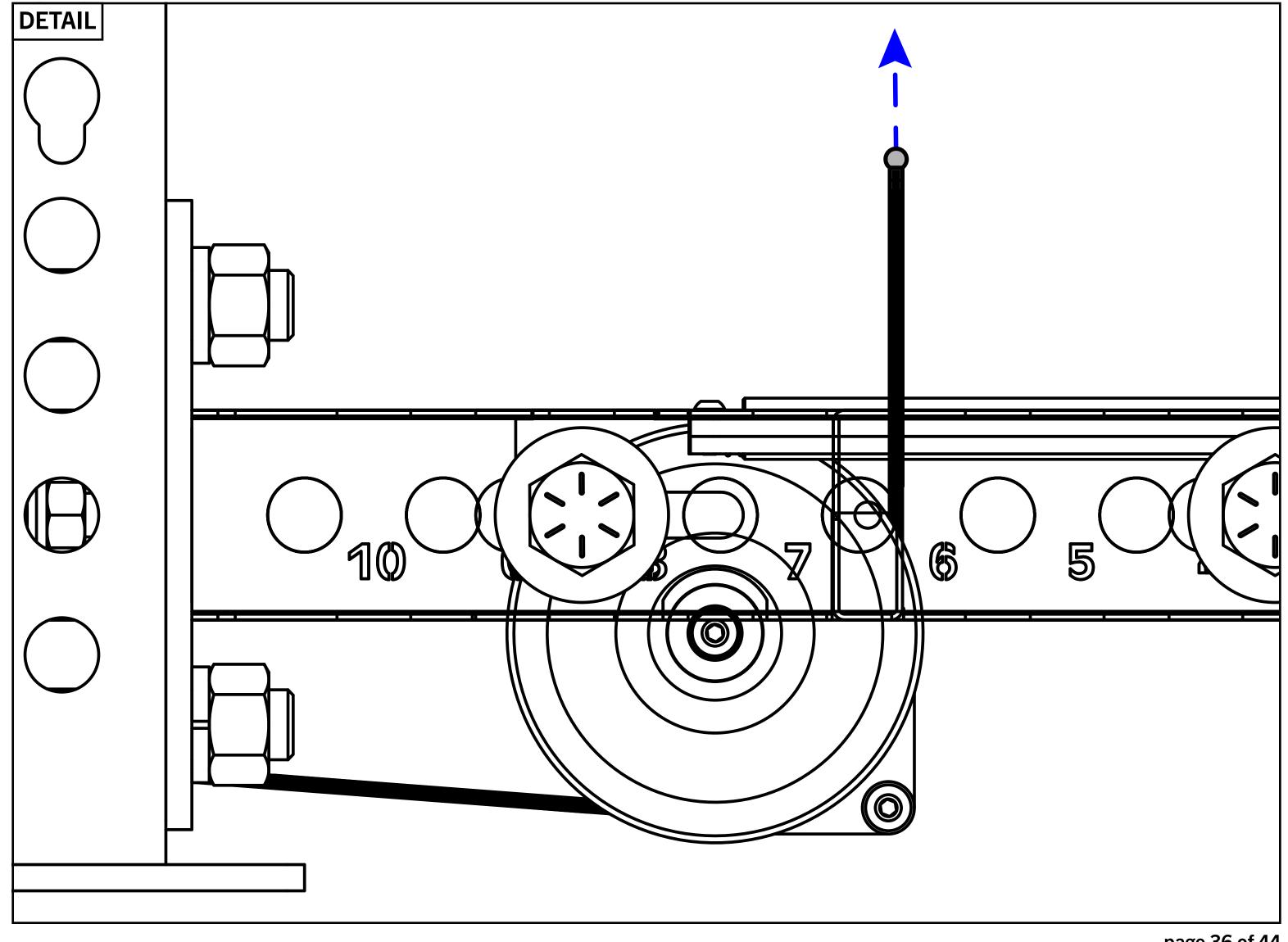




- Feed the ball end of the Lower Cable through the groove of the 6" Pulley and route it up through the Pulley Deck [26] as shown in 21-A.
- Ensure the cable remains seated in the pulley groove as shown in the **DETAIL**.

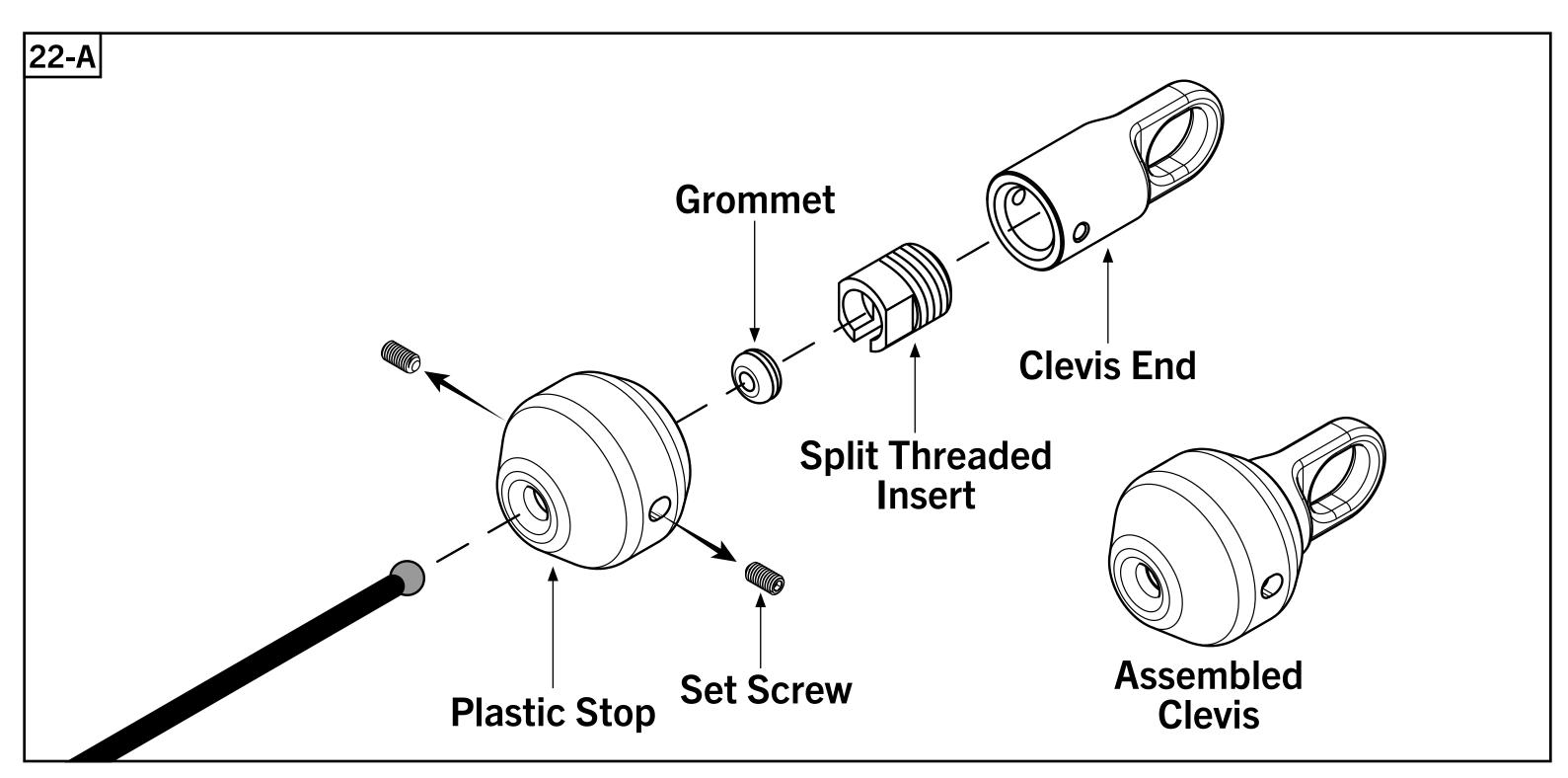


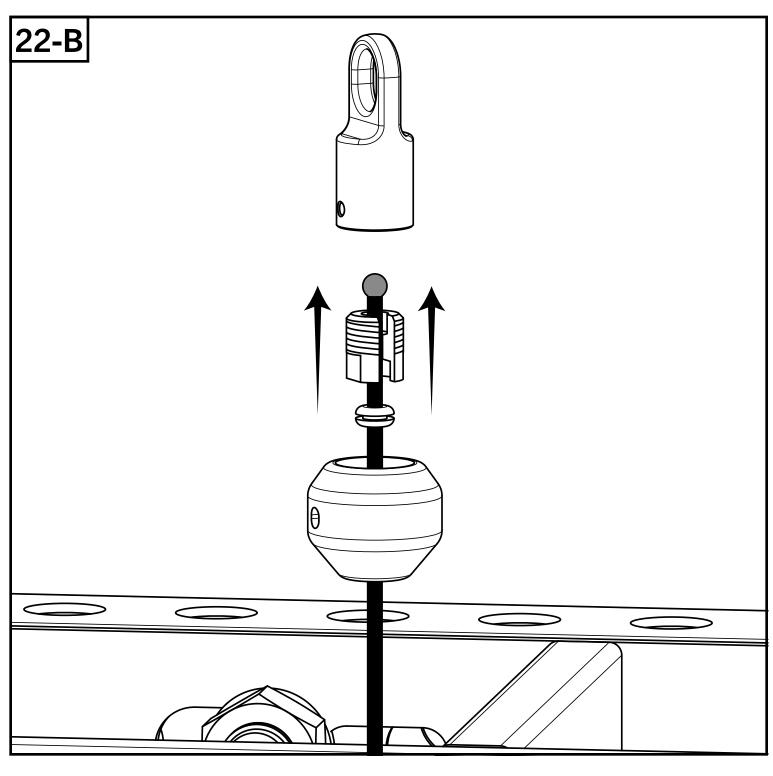


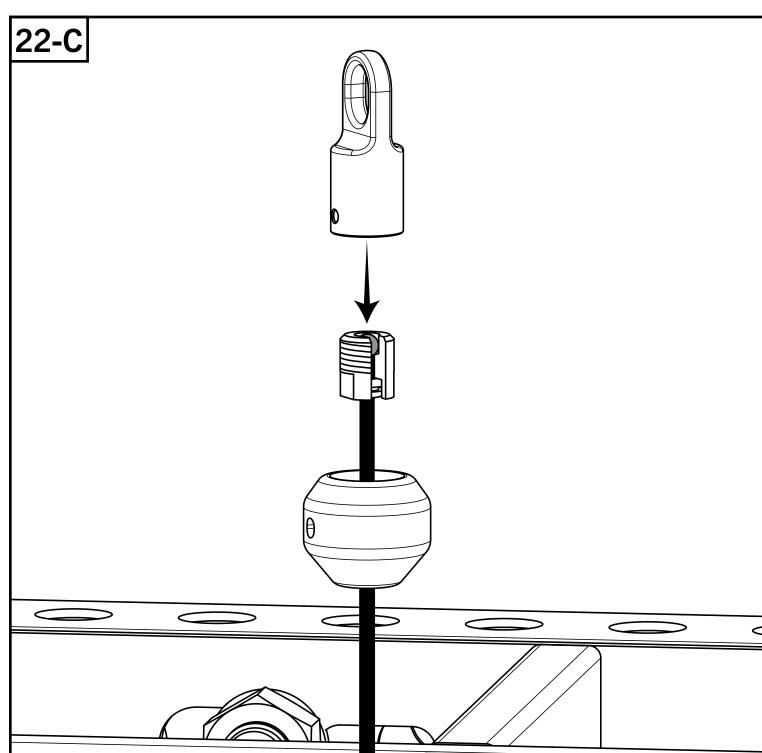


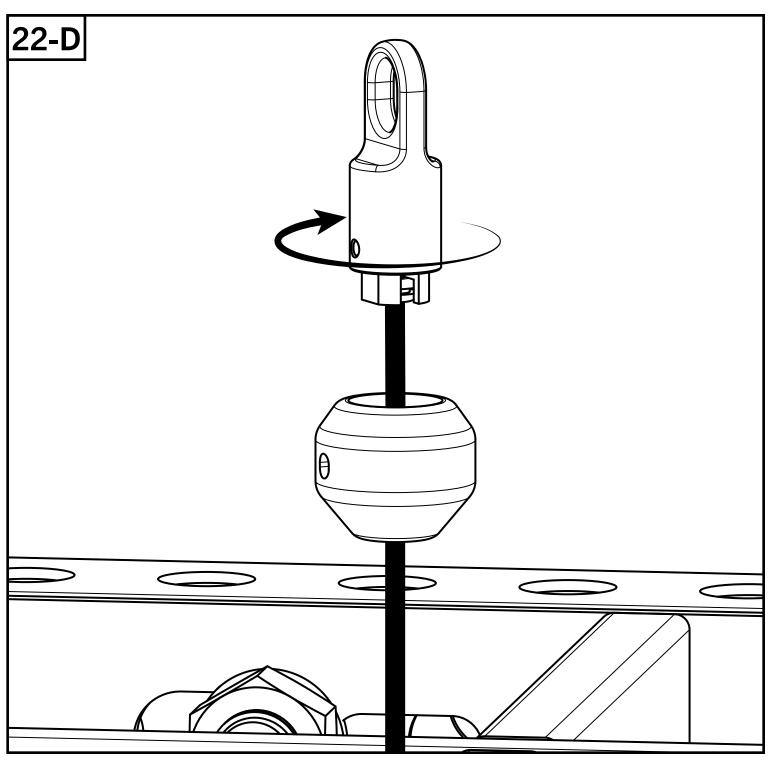
### **Tools Required:**

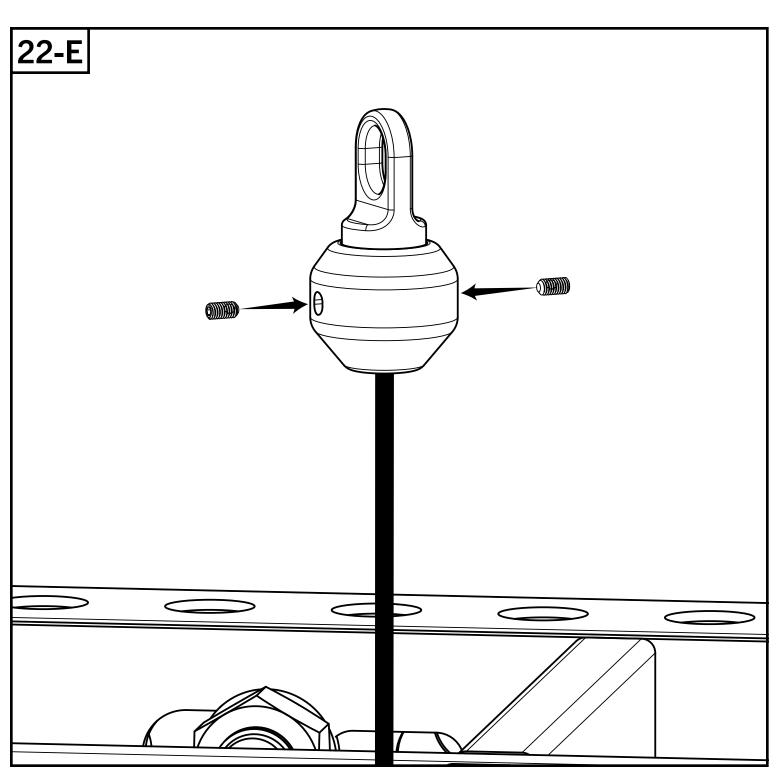
- 3/32" Allen Key & 5/8" Wrench
- Slide parts over the ball on lower cable as shown on **22-B**.
- Insert Grommet into non-threaded side of Split Threaded Insert and screw Clevis End on threaded side using 5/8" Wrench.
- Slide Plastic Stop forward and align outer holes with threaded holes on Clevis End and re-insert Set Screws. Fully tighten Set Screws.



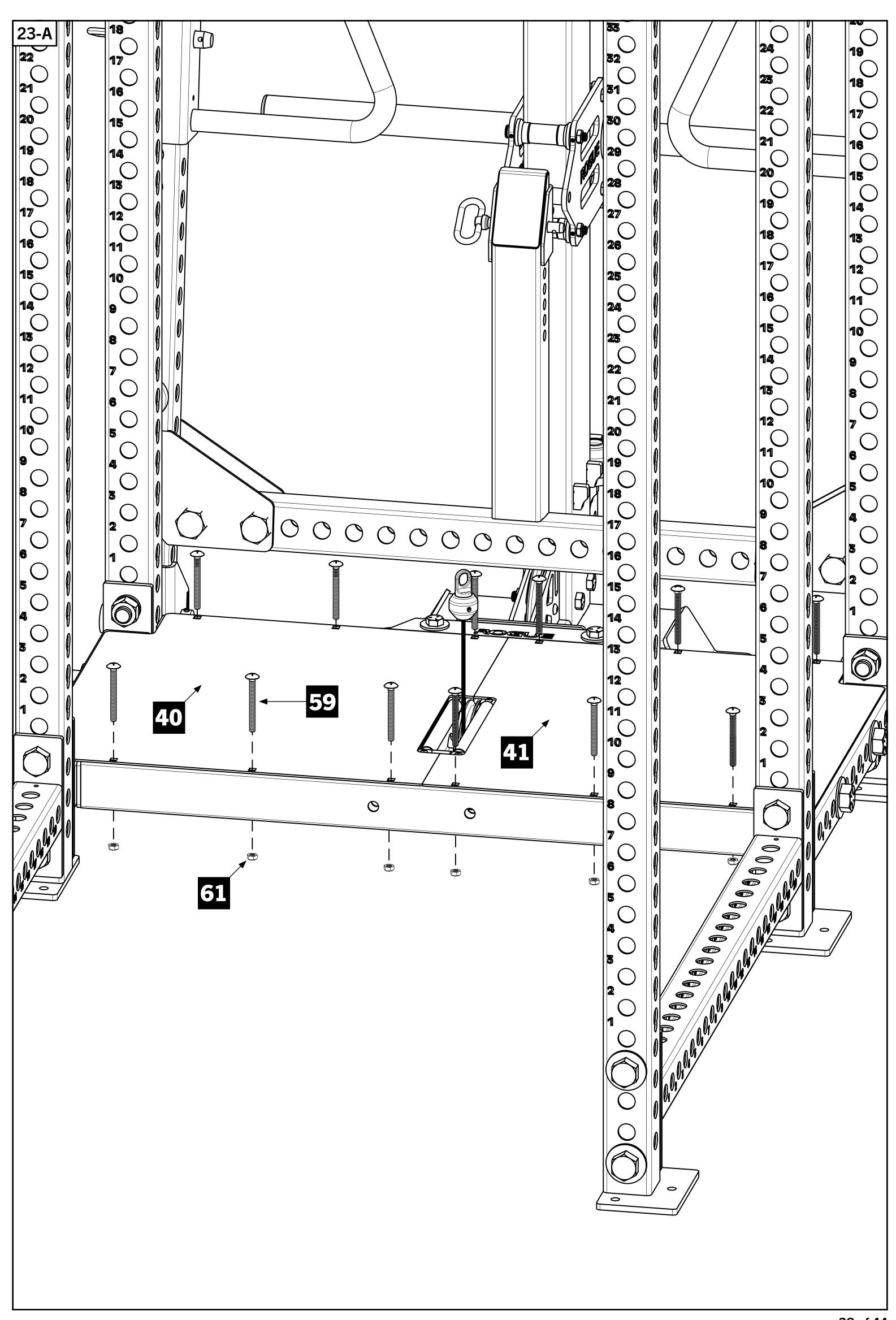




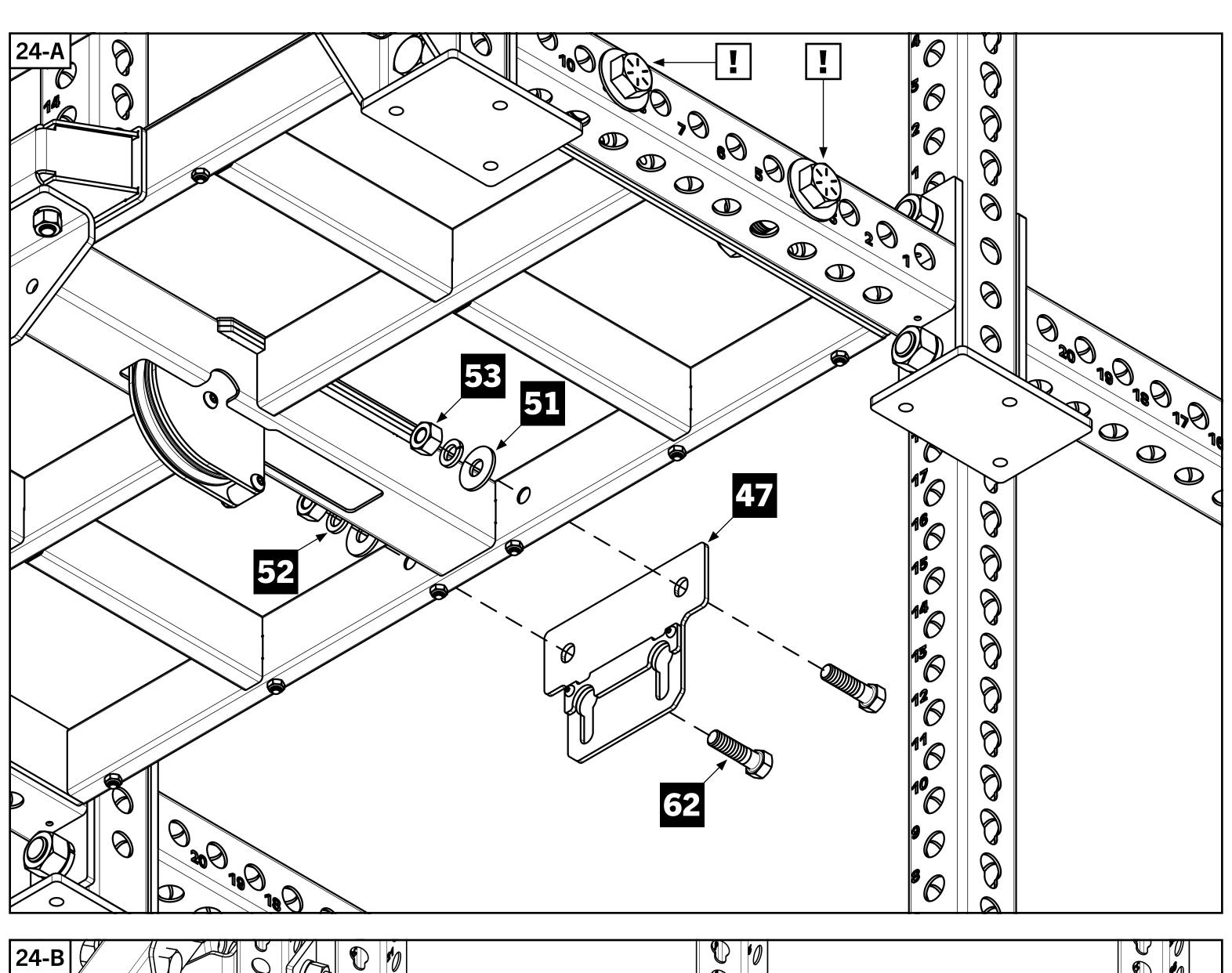


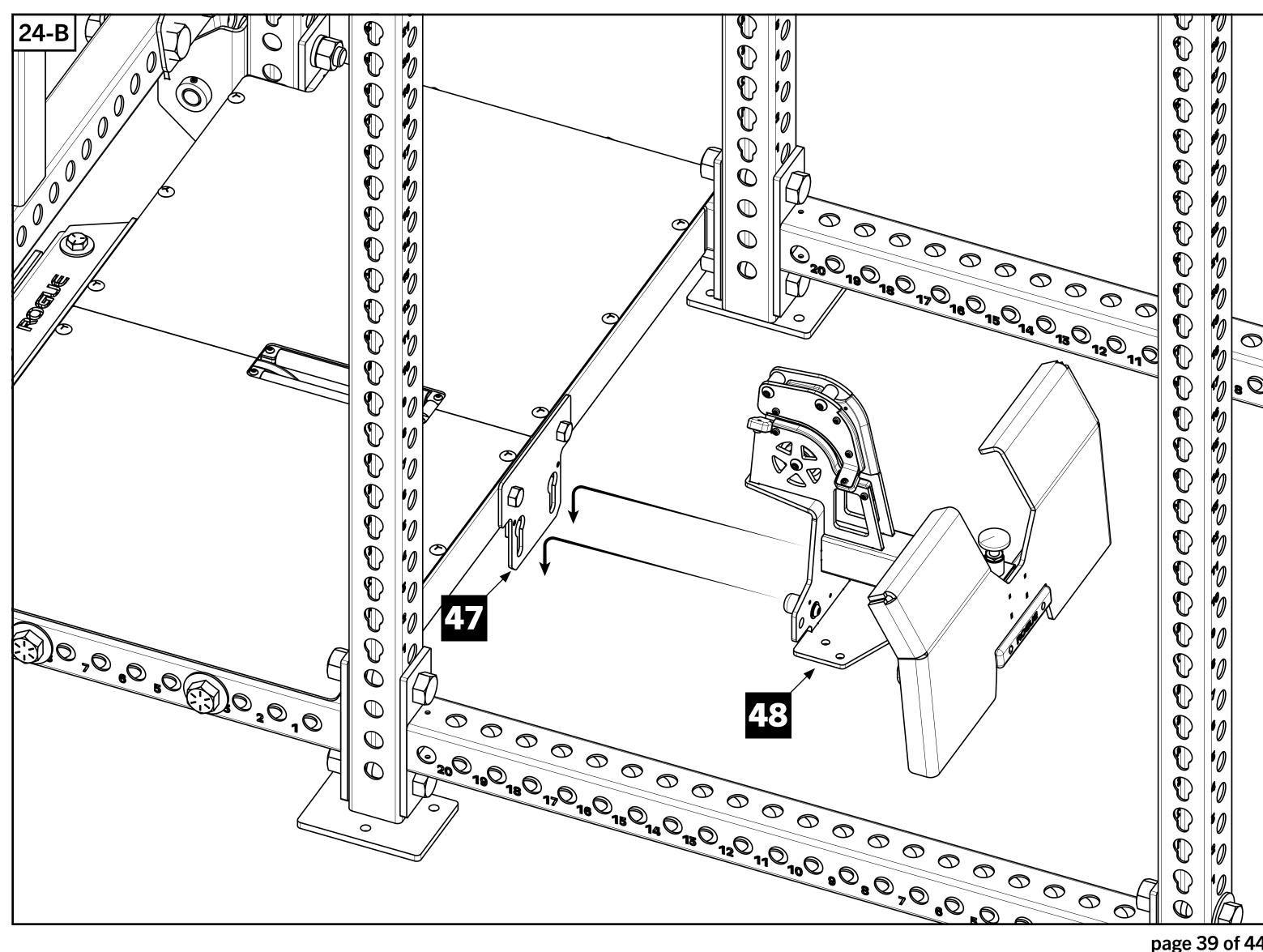


• Bolt Tread Plate - RH [41] and Tread Plate - LH [40] to the Pulley Deck [26] using 3/8" X 3.5" Carriage Bolts [59] and 3/8" Lock Nut [61].

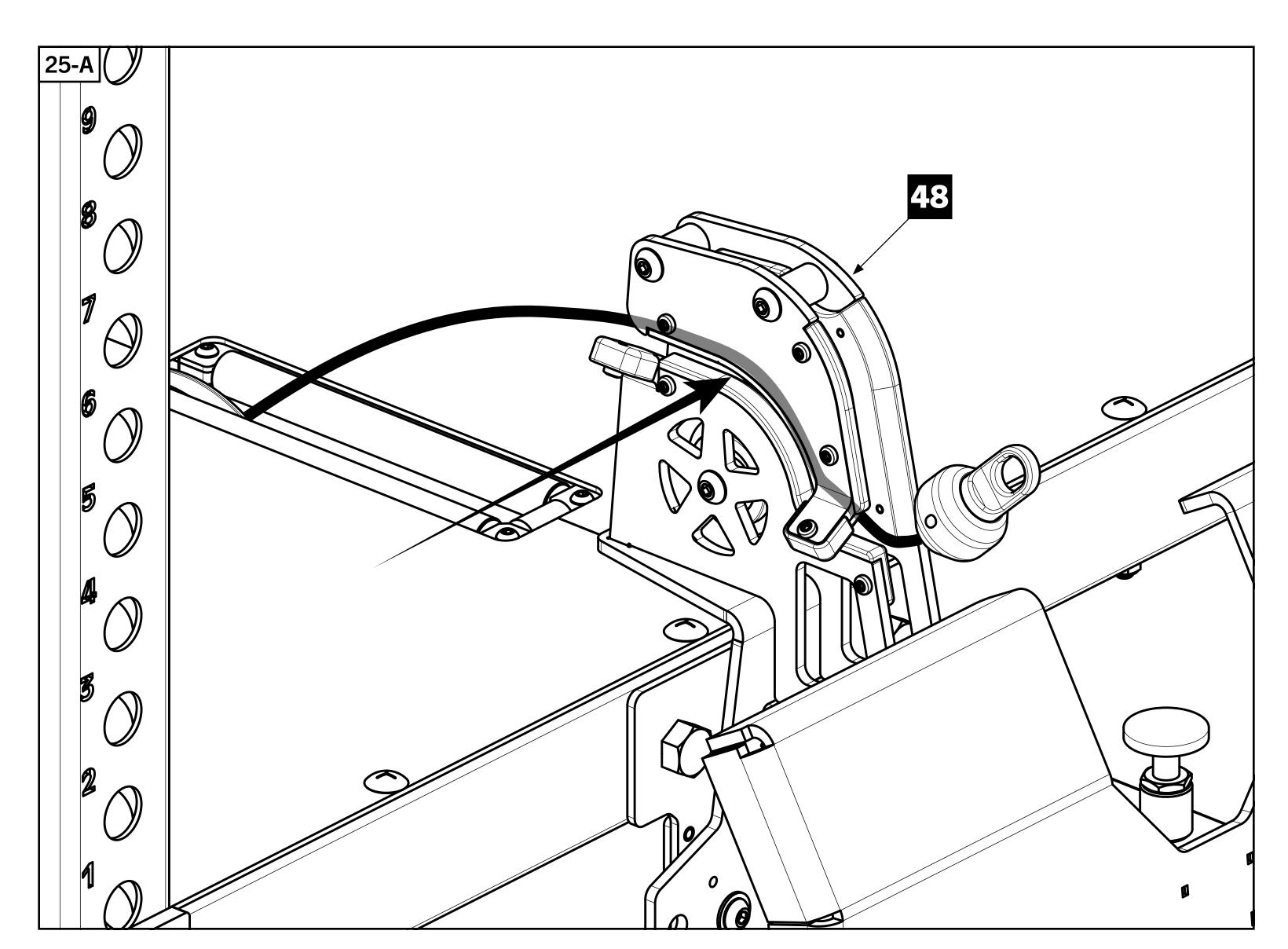


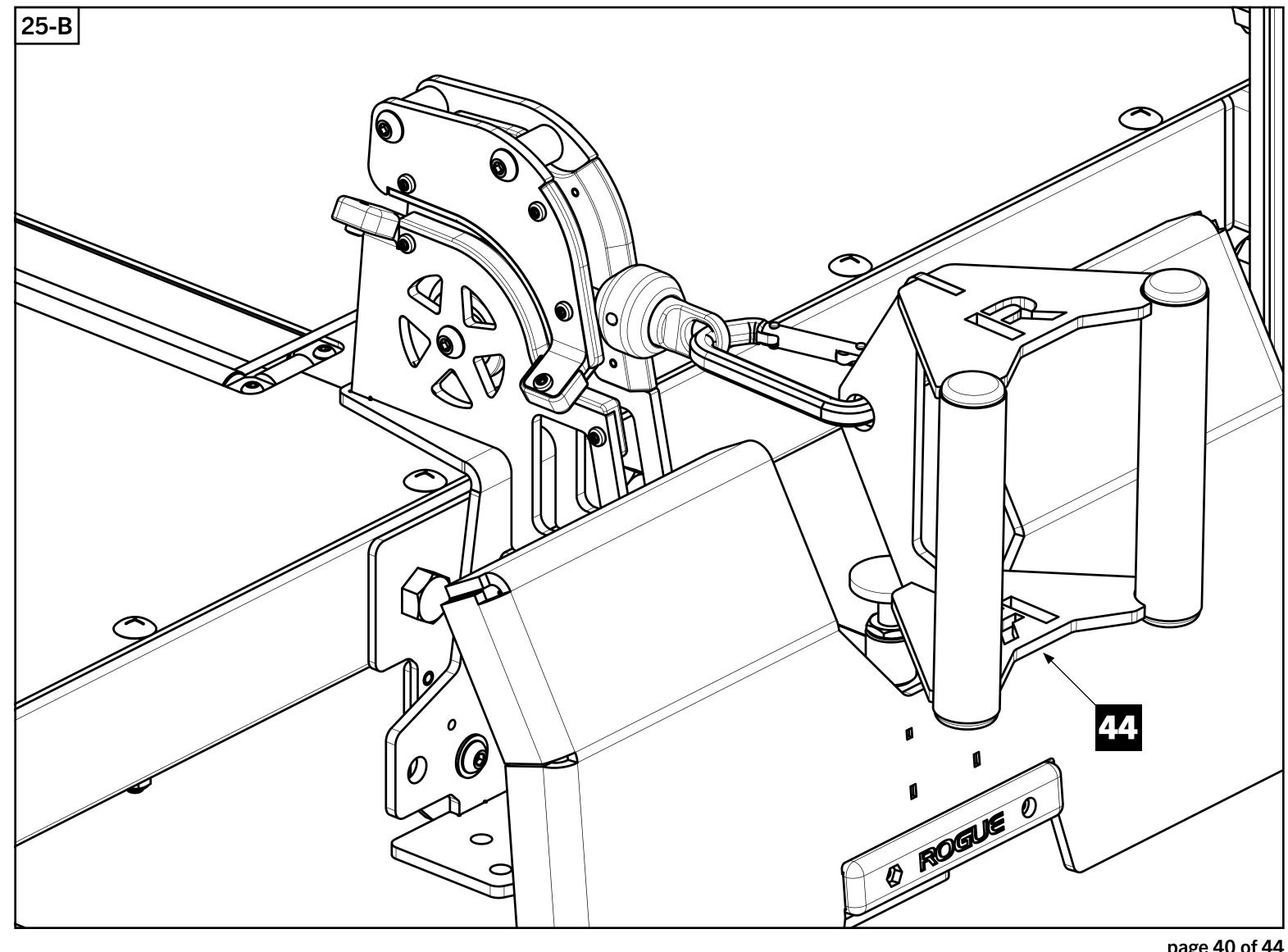
- Attach Low Row Face Mount Plate [47] to Pulley Deck [26] using 5/8" x 2.25" Hex Bolt [62], 5/8' Flat Washer [51], 5/8" Split Lock Washer [52], and 5/8" Hex Nut [53].
- Ensure Attached plate on Low Row Face Mount Plate [47] is facing towards the inside as shown in 24-B.
- | I | Fully tighten all Pulley Deck [26] Hardware shown in 24-A.
- To install the Rhino Low Row Bracket [48], align the nubs on the bracket with the keyholes on the Low Row Face Mount Plate [47] and insert them as shown below.
- Ensure Rhino Low Row Bracket [48] is in locked position before use.





- Ensure Plate Load Trolley is placed on the Rhino Hook in its highest position.
- Pull Lower Rhino Cable and place into slot on side of Rhino Low Row Bracket [48] as shown in 25-A.
- Attach Triangle Grip [44] to clevis at end of Lower Rhino Cable.



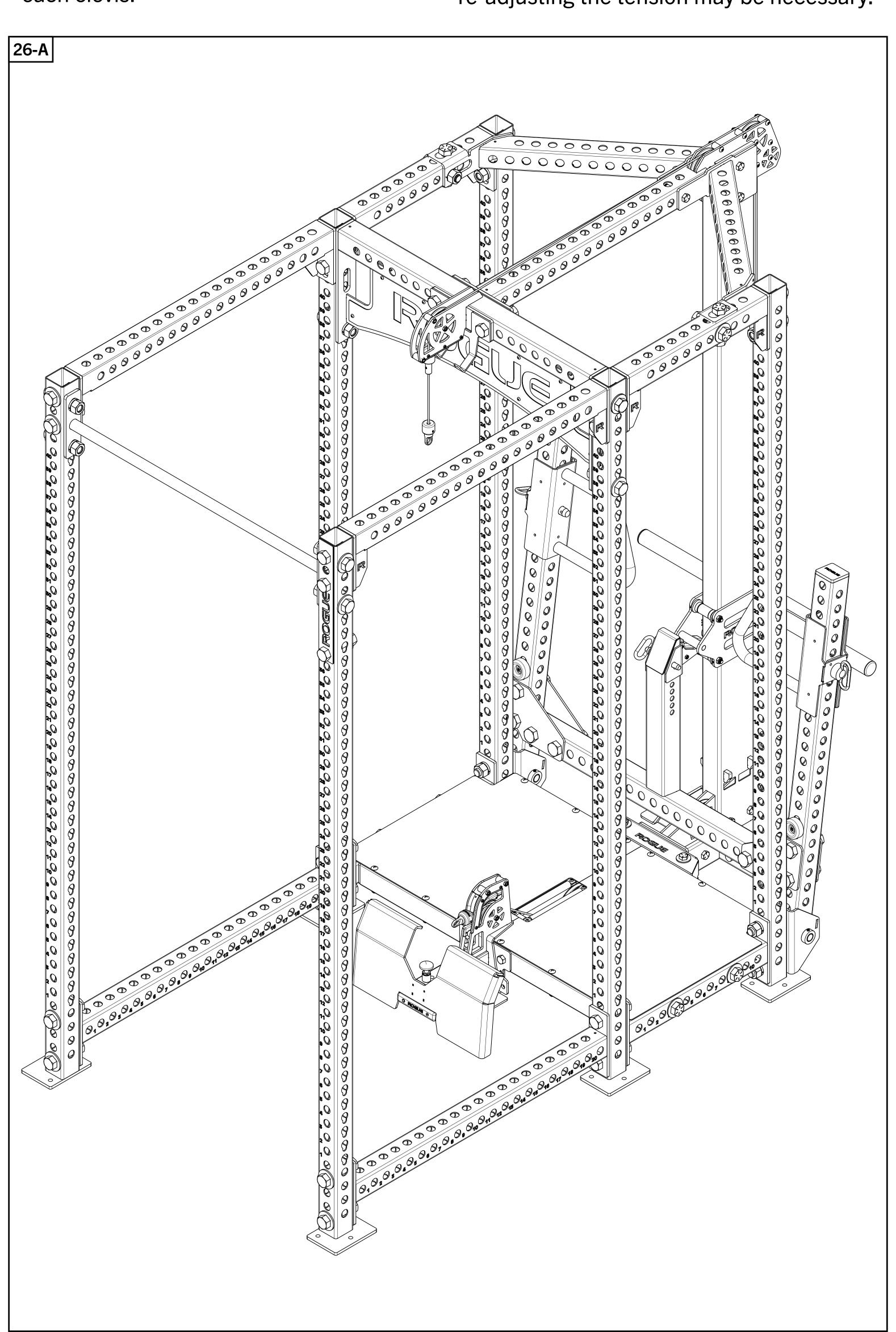


### **Tools Required:**

- All
- Tighten ALL loose hardware on the entire rack.
- Starting with no weight added to the Plate Load Trolley, check cables by pulling on each clevis.
- Ensure all cables pull smoothly and all pulleys rotate freely.
- If cables are too tight or loose, adjust accordingly by loosening or tightening the 1/2" Jam Nuts on Cables.

#### Note:

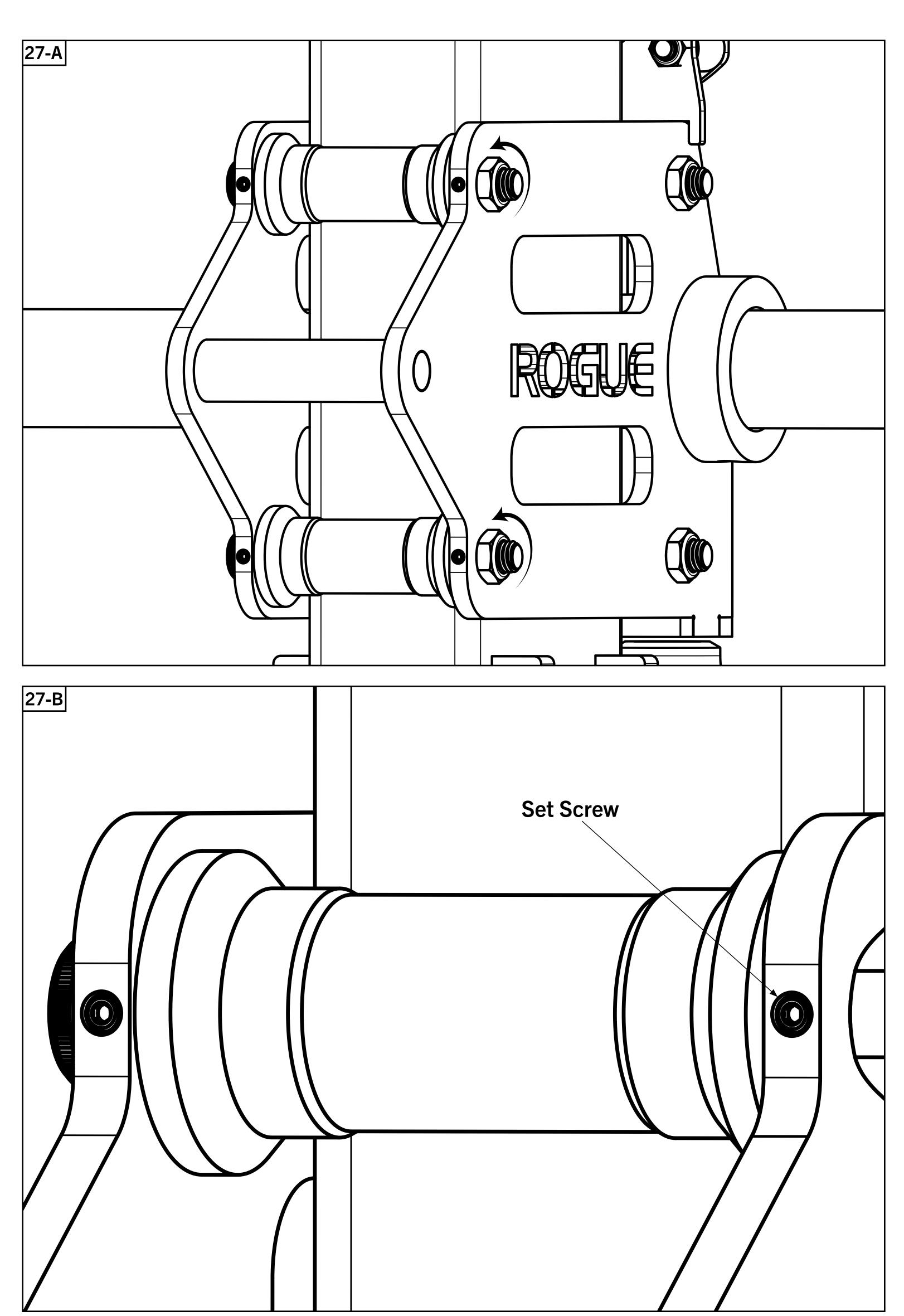
• Cables may stretch slightly after use and re-adjusting the tension may be necessary.



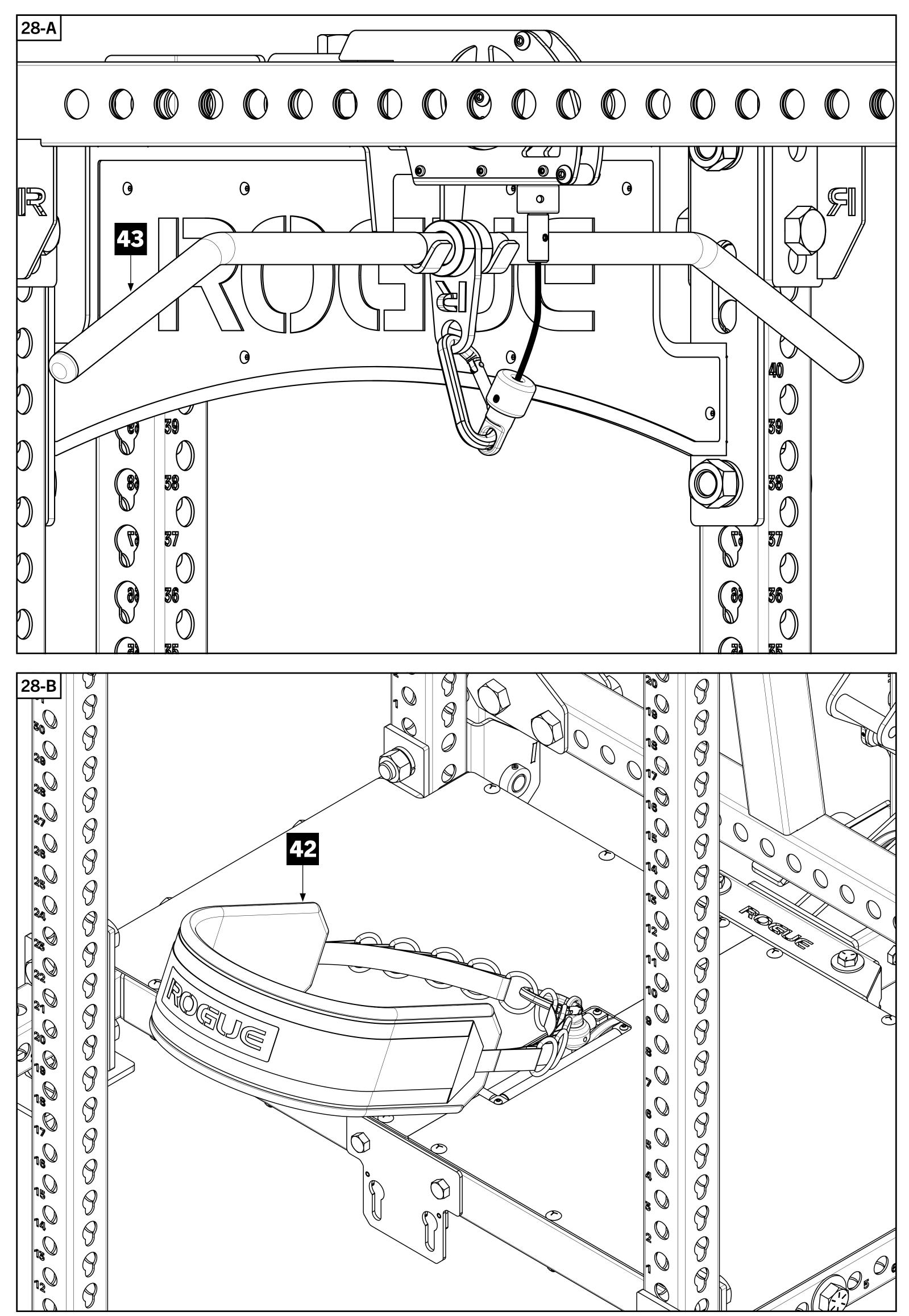
- If Plate Load Carriage rolls too tightly or loosely on upright, the fit may be adjusted by first loosening the two foremost roller bolts and nuts.
- Then tighten (clockwise) or loosen (counter clockwise) the four set screws with a 3/32" Allen Key as desired.
- Retighten the roller bolts and nuts.

#### Note:

• Tighten/loosen all four set screws evenly to ensure the Plate Load Carriage remains level.



- Attach Lat Bar [43] to lat pulldown clevis using D Carabiner.
- In order to attach Rogue V2 Multi Belt [42] to Lower Rhino Cable clevis first remove belt and Lower Rhino Cable from Rhino Low Row Bracket [48].
- Remove Rhino Row Low Bracket [48] from Low Row Face Mount Plate [47].
- Attach Rogue V2 Multi Belt [42] to Lower Rhino Cable clevis attachment point using included Carabiners.



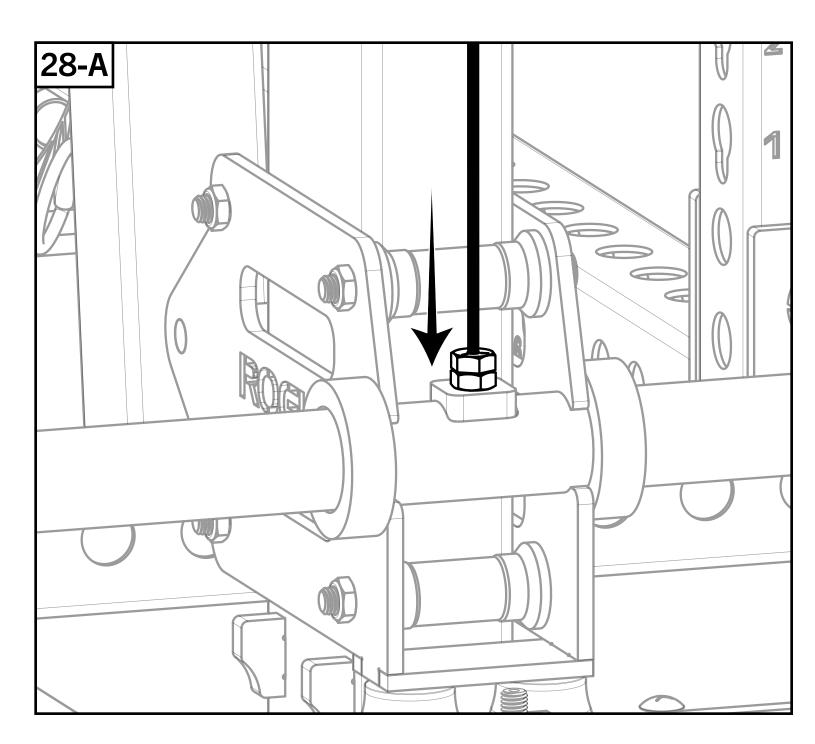
### CABLE MAINTENANCE

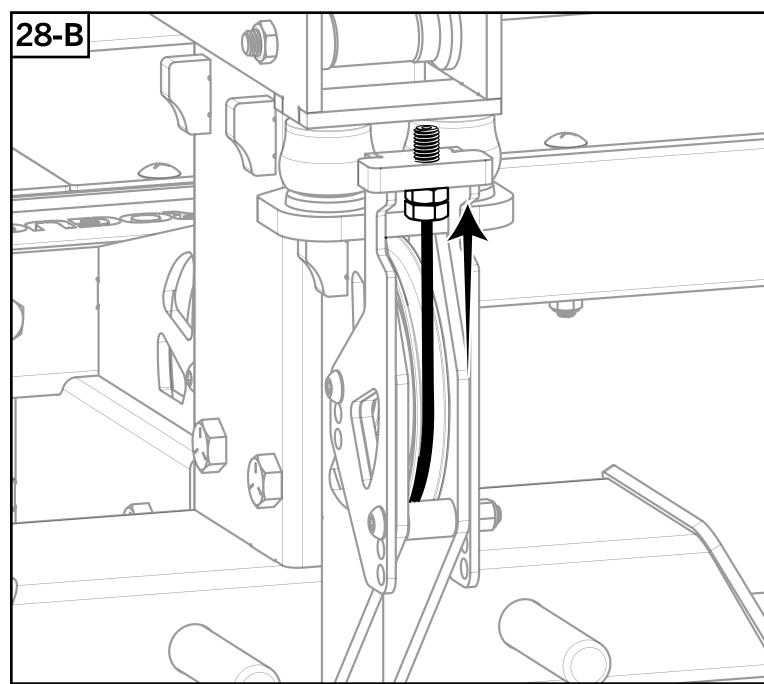
Over time, the cables within the system may experience some normal inelastic stretching. Follow the below instructions to re-tighten the cables.

## STEP 1

#### **Tools Required:**

- Multi Tool
- the cable tightness.
- **NOTE: DO NOT OVERTIGHTEN JAM NUT**
- If cable system is tight, no further calibration is needed.
- Tighten Jam Nut on both cables and retest
   If cable system still has slack, proceed to STEP 2.





## STEP 2

#### **Tools Required:**

- Multi Tool, 7/32" Allen Key
- Remove 3/8" Hardware.
- Raise the height of the Low Cable Stop Bracket up one hole to calibrate the cable tightness.
- Re-install 3/8" Hardware and test the cable tightness.

 If slack is still present, repeat the process by raising the bracket by one hole until the whole cable system is taut but not suspending the Plate Load Trolley above its stop blocks.

Note: Adjust both cable jam nuts and bracket height if needed to make cable taut.

