

Granite Industries

5-Row Signature Series Bleachers

Installation Guide

BEFORE YOU START

The supplied instructions do not provide foundation/anchoring details, crew-size requirements, torque values, or a complete parts list; this guide does not invent those details.

GRANITE INDUSTRIES PART NAMES

Granite Industries' official 5 Row Bleacher assembly document identifies the key parts below. The part numbers are included to help match the components to your shipment.

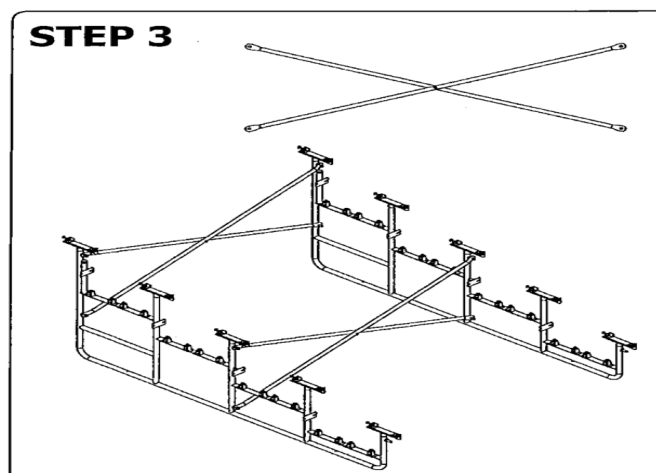
- 5 Row Sport Frame - 3
- 6' x 24" Cross Brace – 4
- Rear Guard Post (Has a base plate) - 3
- Side Guard Post (looks like an F) - 4
- Box of pins and bolts – 12 long bolts, 2 short bolts, pins for slats, aluminum brackets for toe boards
- 1 – $\frac{3}{4}$ " Wrench – 1 – $\frac{1}{2}$ " Wrench

Official Granite Industries assembly document: <https://www.graniteind.com/PDFs/GraniteBleacherAssembly.pdf>

STEP 1 - Lay out the 5 Row Sport Frames and Cross Braces

Find the three 5 Row Sport Frame pieces. Locate the 6' x 24" Cross Braces. Set the parts out so the frame can be assembled in an organized sequence.

- You should have 3 - 5 Row Sport Frames for the setup.
- Identify the lower and upper cross-brace locations before fully tightening anything.



STEP 2 - Install the 6' x 24" Cross Brace

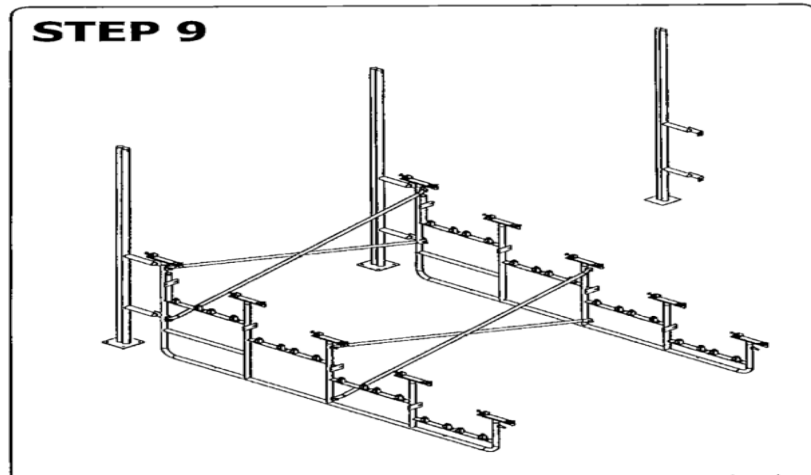
Attach the lower 6' x 24" Cross Brace to the 5 Row Sport Frames. Start the nuts on the threaded studs, but do NOT fully tighten them yet.

- Leave the connection loose enough that you can remove/reposition the nut when installing the Side Guard Post in Step 6.
- Do not force hardware into alignment.

STEP 3 - Install the Rear Guard Posts (Has a base plate)

Install the Rear Guard Post on the same threaded studs used by the cross brace. The Rear Guard Post is the taller guard component with a base plate.

- There are 3 Rear Guard Posts
- Do NOT install the nut on these posts yet



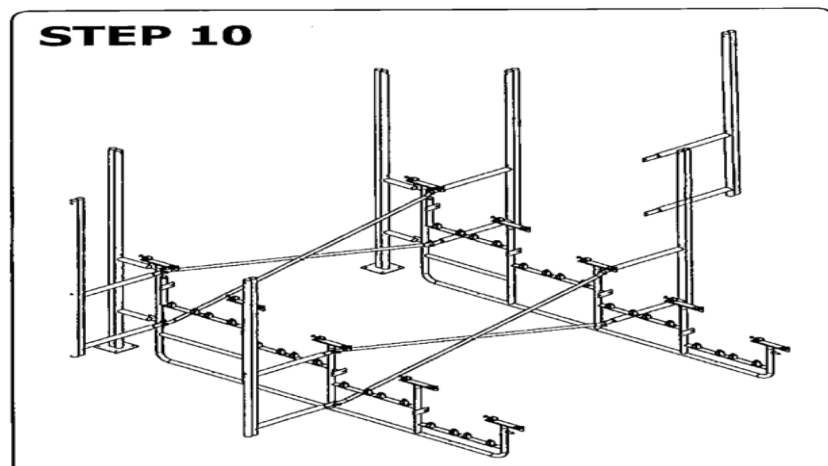
STEP 4 - Install the upper 6' x 24" Cross Brace

Install the 6' x 24" Cross Brace on the upper section of the frame. Keep the connections loose enough to allow the Side Guard Posts and slats to be fitted and the frame to be squared.

STEP 5 - Find the Side Guard Posts (looks like an F)

Locate the Side Guard Posts. These are the guard components that look like a capital letter F.

- Confirm you have identified the Side Guard Posts before attaching them.



STEP 6 - Install the Side Guard Posts (looks like an F)

Install the Side Guard Posts on the same bolts/studs as the cross braces, at both the lower and upper cross-brace locations.

- For the lower locations, remove the nut started in Step 2, install the Side Guard Post, and then reinstall the nut.
- The supplied instructions call for the Side Guard Posts at both the lower and upper cross-brace locations.

STEP 7 - Install two slats to square the frame

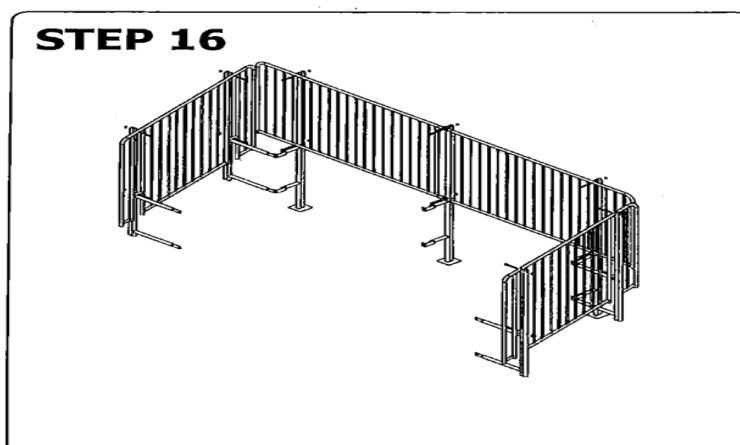
Before installing all of the remaining slats, install one slat at the top and one at the bottom. These two slats help square the bleacher frame.

- The supplied instructions warn that the top pins can be difficult to install when the Rear Guard Post is in place.
- If the pins do not line up, do not force them; re-check the frame position and alignment.

STEP 8 - Install the railing

Once the top and bottom slats are installed, begin installing the railing.

- Identify 12 long bolts and 2 short bolts for the railing.
- Use the 2 short bolts at the middle back where the two railing sections meet.
- Use the long bolts for the remaining railing connections.



STEP 9 - Tighten the frame and finish the slats

After the frame is squared and the railing is in place, tighten the assembly and install the remaining slats.

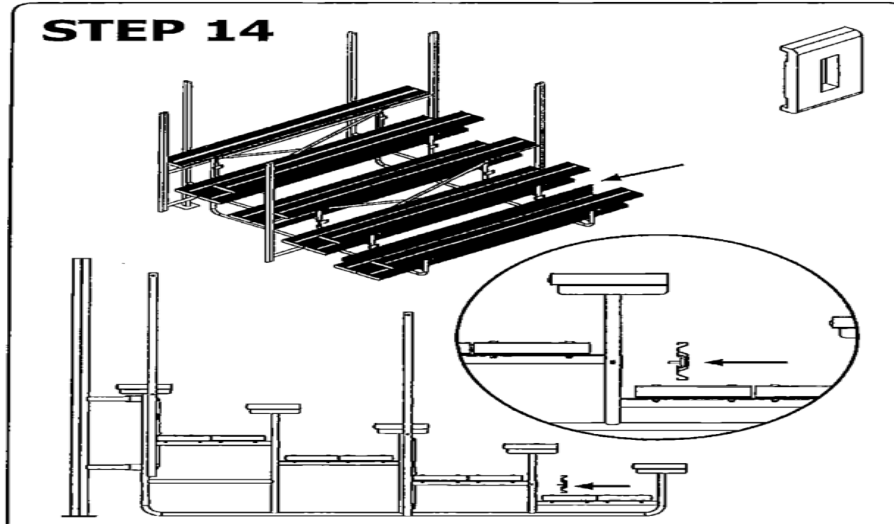
- Use the supplied 3/4-inch wrench for the main tightening work.
- The two top-foot areas require 2 slats per OSHA if you want to install them
- Some slats may require adjustment of the quick-install bracket on the bottom. The supplied instructions specify using a 1/2-inch wrench for this adjustment.

STEP 10 - Install the top toe boards

Install the two toe boards at the top two-foot areas.

- There are 2 toe boards.

- Each toe board has 3 small aluminum brackets.
- Use the supplied 1/2-inch wrench to tighten those small brackets.



FINAL WALK-THROUGH CHECKLIST

- 3 5 Row Sport Frames installed.
- Lower and upper 6' x 24" Cross Braces installed.
- 3 Rear Guard Posts (Has a base plate) installed.
- Side Guard Posts (looks like an F) installed at the required lower and upper connections.
- Top and bottom starter slats installed and frame squared.
- Railing installed with 12 long bolts and 2 short middle-back bolts.
- Remaining slats installed.
- Quick-install brackets adjusted where needed.
- Top-foot-area slats installed as required by the applicable installation requirements.
- 2 toe boards installed with their 3 small brackets each.
- All applicable hardware tightened using the supplied 3/4-inch and 1/2-inch wrenches.

Installation sequence: Frame -> Cross Braces -> Rear Guard Posts -> Side Guard Posts -> 2 starter slats -> Railing -> Remaining slats -> Toe boards