



Safety Stair Platform

Product No. 153720

02/2014

Assembly

To assemble the safety stair platform, begin by unpacking the components. Select the 4' x 4' base frame. This square frame functions as the safety stair platform.



Find the provided 2 x 2 leg extension angles as seen in the image. These leg extension angles are provided with approximately 2" of variation to assist with levelling the base frame on the sub-base. You will need to drill holes in the 2 x 2 angles for the proper elevation.



Field drill 9/16" holes in the L2 x 2 and bolt to the leveled base frame with provided 1/2" bolts, washer and nuts. Note the image at the right for a comparison of the legs with and without drilled holes.

After the base frame has been leveled and the angle leg extensions have been drilled, install the legs with provided hardware. Secure with 1/2" - 13 x 1 1/4" cap screws, 1/2" washer, 1/2" spring lock washer and 1/2" - 13 hex nut.



Re-set the base frame with assembled legs upright and prepare to install the 7" wide grip strut platform overhang. This overhang extends past the 4' x 4' platform to provide a step between the scale and the stair platform. The brackets (top left photo on page two) will be installed using the provided 1/2"-13 x 1 1/4" cap screws, washer, spring lock washer and hex nut.



Once the overhang brackets are installed, the stringers are installed. The base platform is modular and the stair stringers can be installed parallel or perpendicular to the truck scale platform. The stair stringers are left hand and right hand stringers. Find the stringers and position them for installation on the base frame as noted in the following image.



Install the stringers in the proper left hand/right hand orientation with the provided hardware. Each stringer is attached to the base frame with 1/2" – 13 x 1 1/4" cap screws, washer, spring washer and hex nut. Once the stringers are installed, the grip strut stairs and handrailings can be installed.



Install the 7" wide, 14 ga., galvanized grip strut plank into the grip strut overhang bracket.



Place the grip strut into the platform. Included in this kit are 4 each, 14 ga., galvanized grip strut planks. Find and use the 4 grip struts that are 11 3/4" wide, 4' long to be installed in the base frame. Simply place these struts into the frame.



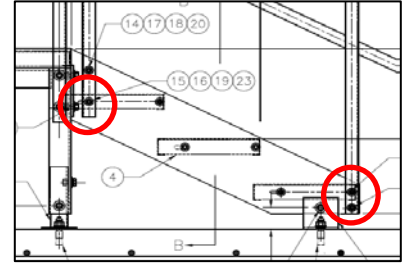
You can now install the platform handrails. The platform handrails are bolted to the base frame with 1/2" - 13 x 1 1/4" cap screws, 1/2" washer, 1/2" spring lock washer and 1/2" – 13 hex nuts. Find the handrails and begin to secure in place.



The stairway handrails will be installed in a later procedure – be sure you install the platform stair rails.



The following steps provide instruction as to the installation of the grip strut stairs as well as the handrails. The handrails are connected through the stringer and grip strut stair tread at the top and bottom of the stringer. Please note the drawing—the handrail tube is positioned on the outside of the stair stringer and connected to the grip strut through the stringer in two places per side. See the highlights in the drawing.



The hardware connecting the handrail to the galvanized grips strut plank through the stringer is a 3/8" – 16 x 2 1/2" cap screw, 3/8" washer and lock washer and a 3/8" – 16 hex nut.



After installing the top and bottom grip strut stair tread, continue with the middle stair using provided hardware. Finally, find the L4 x 3 x 1/4" x 4" angle tab and mark it for drilling at the proper elevation. This tab will then be used to anchor the stair platform to the foundation.

