INSTALLATION INSTRUCTIONS

TALL WALL EXTENSION KIT

ROUND TUBE

1. PURPOSE

1.1 The purpose of this document is to establish the proper assembly and installation instructions for the Giraffe Round Tube Tall Wall Extension Kit.

1.2 The assembly and installation techniques involved may require modifications to adjust to jobsite contions. Giraffe recognizes that site-specific conditions, weather patterns, contractor preferences, and detailing, may require deviation or alteration from these prescribed installation procedures. When such must be circumstances exist on a project, the local Giraffe/Tremco Sales Representative or Technical Services must be contacted for assistance and approval as required.

2. SCOPE

2.1 This document will provide the necessary instruction for the assembly and installation of the Giraffe RoundTube Tall Wall Extension Kit.

3. SYSTEM COMPONENTS

3.1 Giraffe Round Tube Tall Wall Kits include:

- 20 Straightbacks
- 20 Turnbuckles
- 20 Telepoles
  - Short Extension Tube
  - Long Extension Tube
- 20 HD Straightback Couplers
- 80 gravity pins

4. AVAILABILITY

4.1 Giraffe Round Tube Tall Wall Extension Kit is manufactured and shipped to the jobsite from the Giraffe manufacturing facility in Sherbrooke, Quebec.

5. HANDLING & STORAGE

5.1 The crates offered are known for their strength and ease of handling. The design of the crate allows for efficient shipping, storage, and on-site handling.

5.2 Use a tarp side or flatbed truck for efficient job site delivieries. Trucks with jib crane or other off-loading equipment can help to simplify unloading the crates at the site.

5.3 Optimize floor space through efficient racking.

5.4 Crates are avilable for 20 units.

6. TOOLS

6.1 The list below is intended to provide the contractor and their workers a guide for what tools are required on most Giraffe Tall Wall Extension Kit installations. Although not all will be necessary for every project, the vast majority are essential to achieving an efficient Giraffe installation.

- 3/4” (19 mm) socket wrench
- 9/16” (14.29 mm) socket wrench
- 9/16” (14.29 mm) wrench

7. PREPARATION

7.1 Determine the desired alignment system lcoations and clearly mark them on the Insulated Concrete Form (ICF) wall. The typical spacing of the alignment system is 5’4” (1.63 m) on center.

7.2 Check for any damage or wear in the components, and remove any detective pieces.

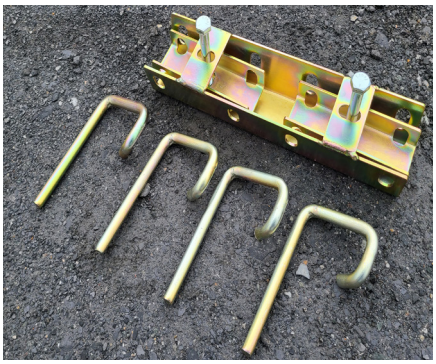
7.3 Account for additional alignment system on either side of openings, at corners, and any other location which may require additional wall alignment and support.

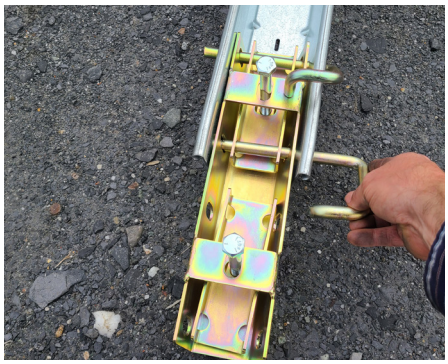
8. INSTALLATION PROCEDURE

STEP 1

8.1 Place the extension bracket inside the box channel.

8.2 Slide a ½” (12.70 mm) gravity pin through the hole in the side of the box channel and through the extension bracket slots. Ensure the gravity pin is fully installed with the locking end of the gravity pin inside the box channel.

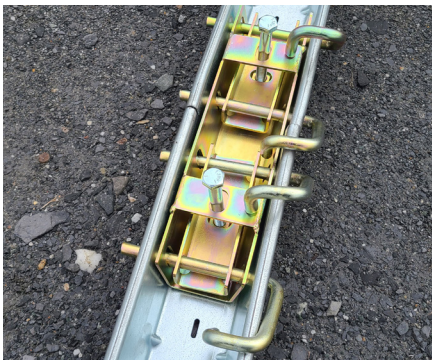


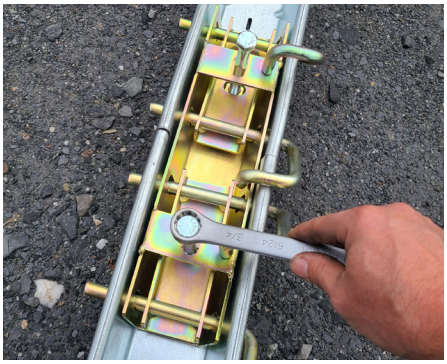


STEP 2

8.2 Align the second box channel with the first one. Repeat step 1 by sliding a ½" (12.70 mm) gravity pin through the box channel and extension bracket slot.

8.3 Using a ¾" (19.05 mm) socket wrench, tighten the ½" (12.70 mm) bolt until the 'V-shaped' bracket stands flat and firm on the bottom of the two box channels. Then, tighten the bolt with another half turn to secure it.



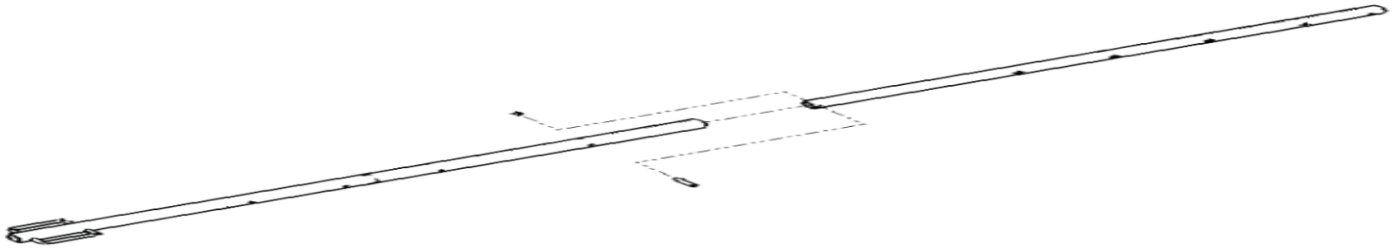


STEP 3

8.4 Insert the small extension tube [1 ¾" (44.45 mm) x 60" (1524 mm)] inside the long extension tube [2" (50.80 mm) x 72" (1828.80 mm)]. Ensure the dimples are not inside the 2" (50 mm) OD tube once installed (see picture).

8.5 Use the supplied ⅜" (9.53 mm) x 2 ¾" (69.85 mm) bolt and lock nut to connect the tubes together.

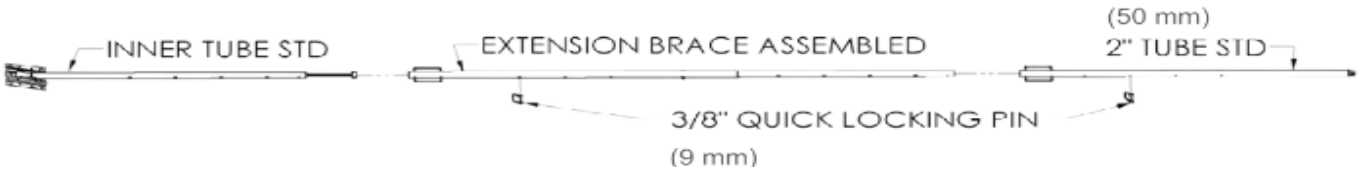
8.6 Use a 9/16" (14.29 mm) socket wrench and a 9/16" (14.29 mm) wrench to tighten the bolt and lock nut.



STEP 4

8.7 Take a standard 10’ (3.05 m) turnbuckle brace, remove the ⅜” (9.53 mm) D shaped locking pin and slide the two turnbuckle poles apart.

8.8 Insert the extension tube assembly between the standard inner tube and 2” (50.80 mm) OD standard tube as shown in picture below. Fix the tubes together with two ⅜” (9.53 mm) D shaped locking pins.



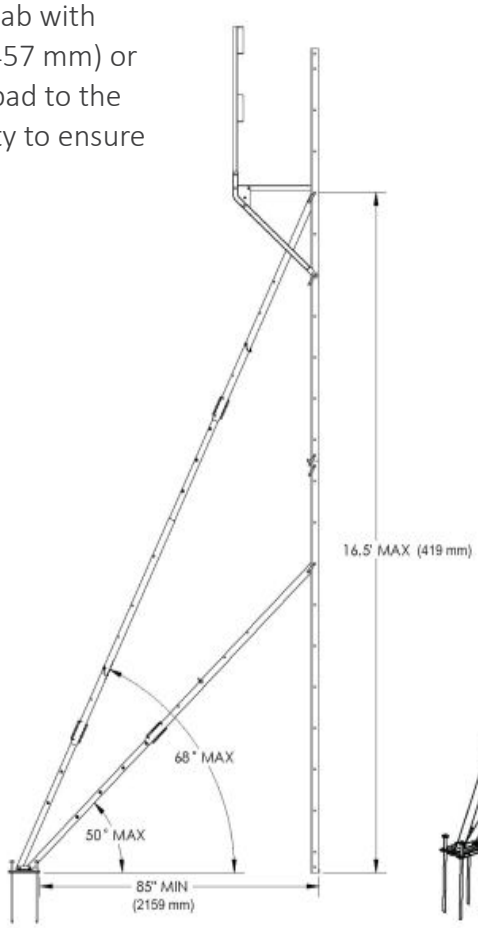
STEP 5

8.9 Attach the two turnbkle bracing poles to the foot pad with two ⅜” (9.53 mm) bolts and lock nuts provided, as shown in the

8.10 Adjust the turnbuckle bracing poles to the correct length by changing the ⅜” (9.53 mm) D-shape locking pin position. The turnbuckle angle and position must not exceed the values specified in the picture to the right.

8.11 Secure the turnbuckle to the channel with ½” (12.70 mm) gravity pins.

8.12 Secure the footpad to the ground/slab with appropriate anchor pins (18” long/457 mm) or screws. The attachment of the footpad to the ground is the installer’s responsibility to ensure it has sufficient holding power.



9. CLEAN UP

9.1 The alignment system must stay in place until sufficient concrete curing has occured.

9.2 Once the alignment system has been removed, inspect and clean concrete residue from all components.

9.3 Disassemble all extended turnbuckles and box channels. Place all components back into the metal crates.

GTWEK-II/0525