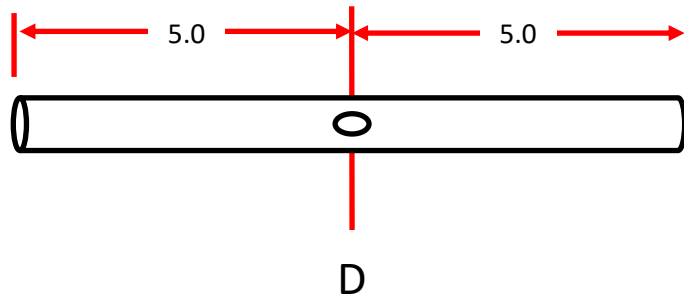


# Sign Hanging Instructions

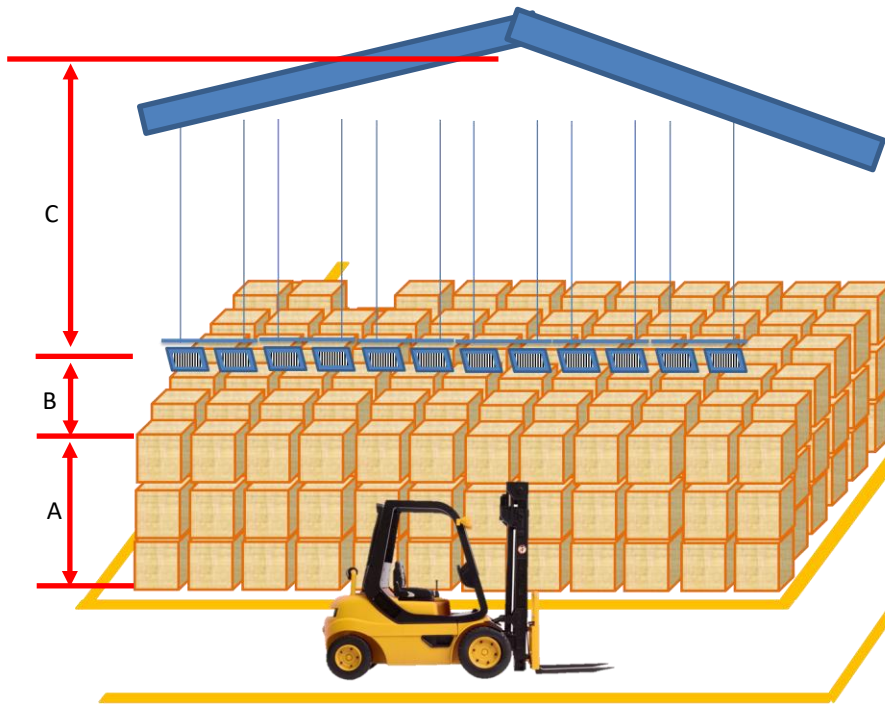
- Tips
  - Drill all holes prior to arriving at location (Step 1)
  - Cut all wire rope and crimp one end prior to arrival at the location (Steps 3-4)
- Phase 1-
  - Make the markings on the beams (Step 4)
  - Hang the pre-cut/crimped lengths of wire rope (Step 5)
- Phase 2
  - Hang signs as shown in Step 12

# Step 1



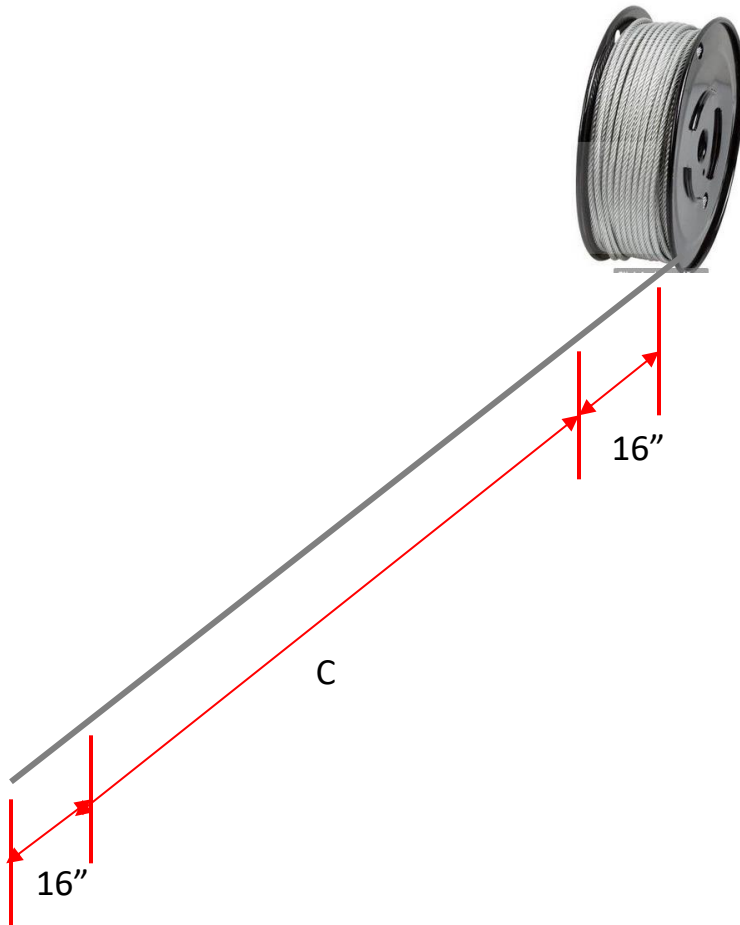
- Drill 1/4 holes in each EMT conduit pipe at the halfway point.
- This is where you will connect the wire rope.

## Step 2



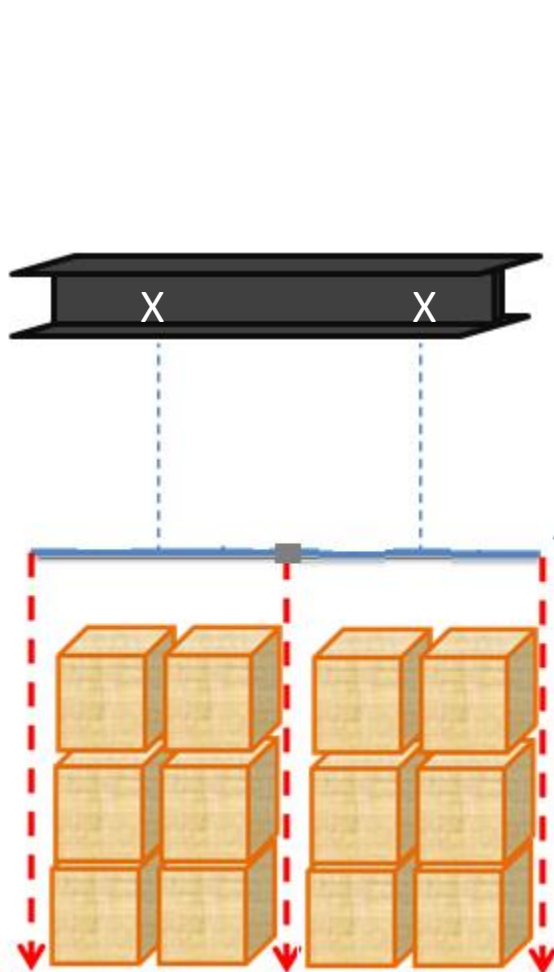
- Measure the distance from the floor to your tallest pallet (A)
- Determine the amount of space required by the forklift to pick up a pallet (B).
- Measure the distance from point B to the highest point in the ceiling (C)
- A+B Should not exceed 25 feet

## Step 3

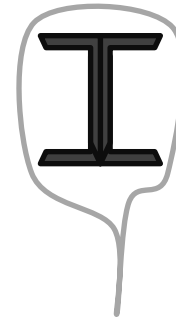


- Measure wire rope to (C) value above plus 16 inches on each end to allow for a loop
- Cut lengths of wire rope as needed for your installation
- Consider leaving additional length to account for arches in the ceiling beams

## Step 4a- Metal Beam



Metal Beam

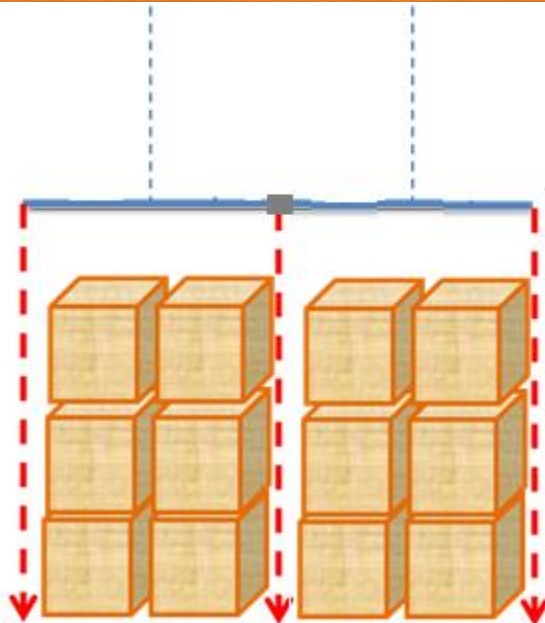


Wood Beam



- Using a scissor lift to reach the ceiling directly above the first set of pallet positions, mark positions D
- Loop the wire rope around the metal beam

## Step 4b- Wood Beam



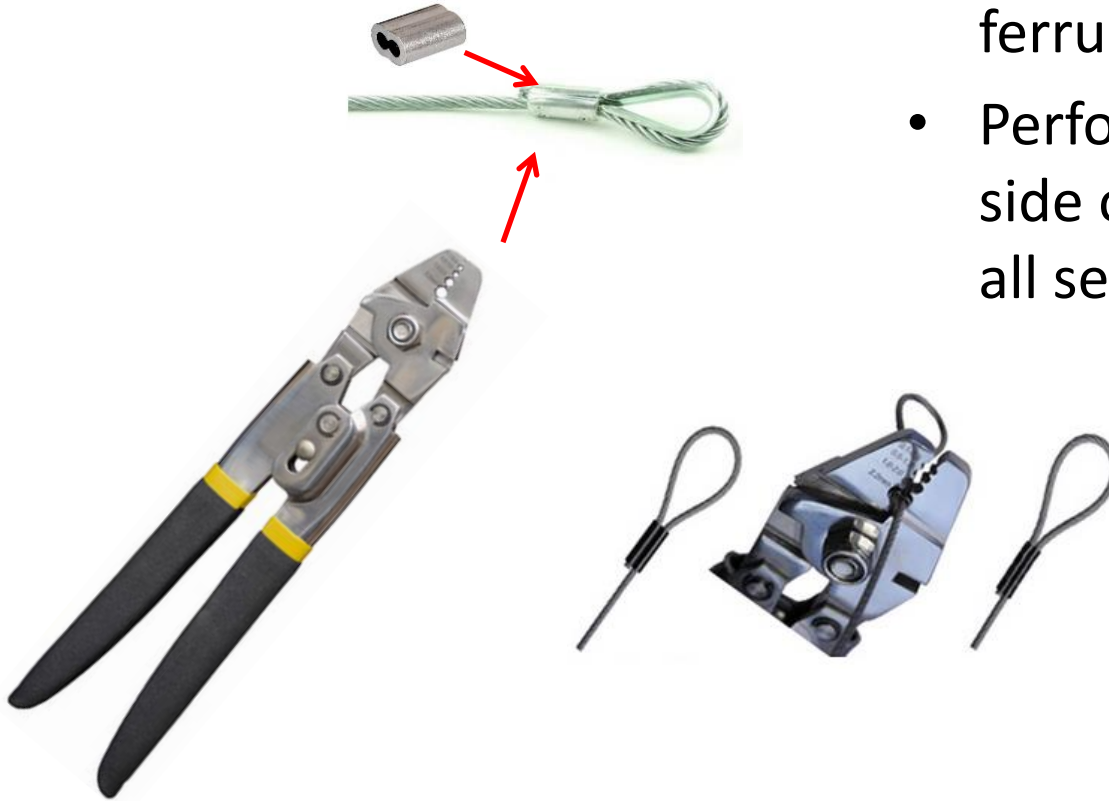
Wood Beam



- Using a scissor lift to reach the ceiling directly above the first set of pallet positions, mark positions D
- Hammer on a “J” hook or other hardware component that will ensure the wire does not fall off the beam.
- Loop the wire rope around the JHook.

## Step 5

- Thread the wire rope on one end and crimp the ferrule
- Perform this process on one side of the cut lengths for all segments cut



## Step 6



- Load the 10' pipes on the scissor lift. Position yourself below the first string
- Place a pole on the top rail of the scissor lift

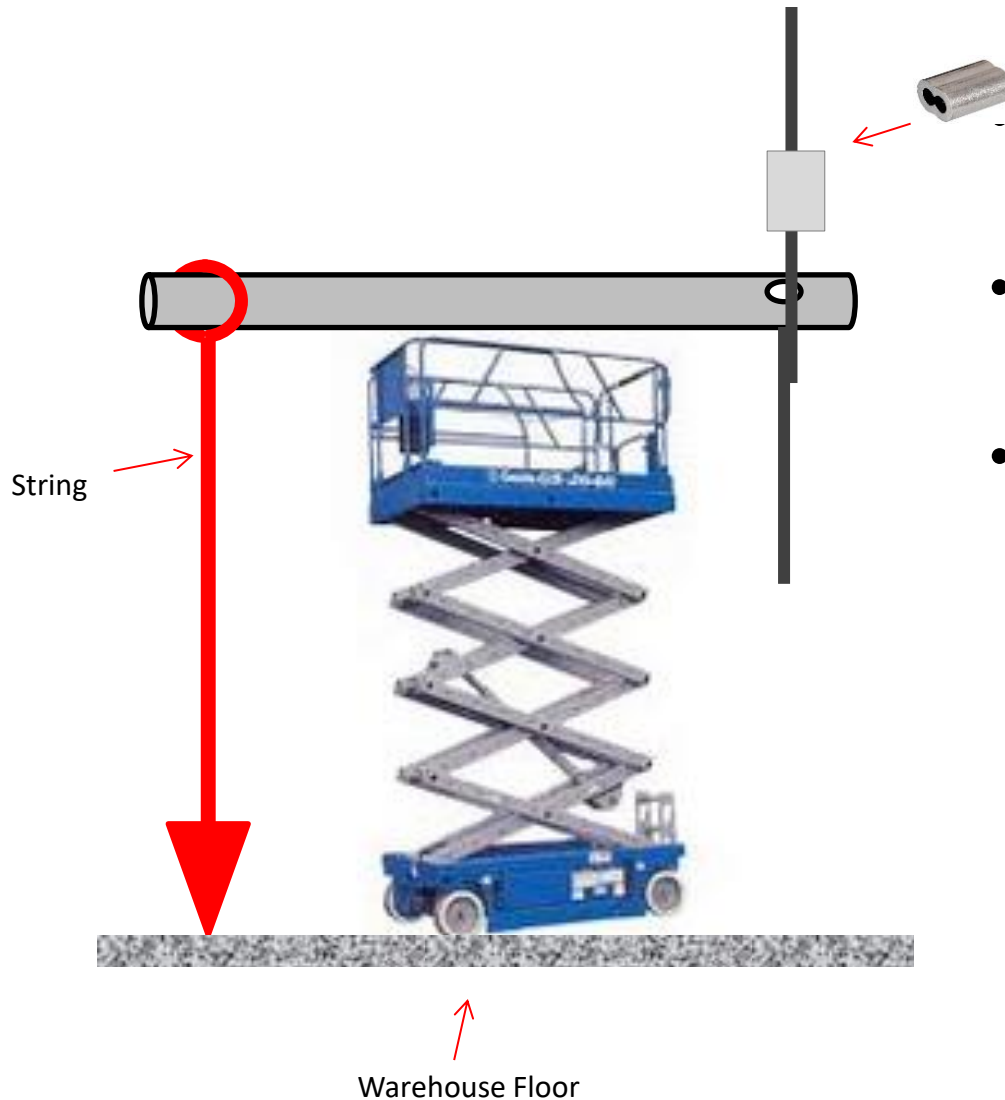


## Step 7



- Use a premeasured plumb weight and tie the string on the edge of the pipe
- The length of this string must be equal to dimension A+B in step 2

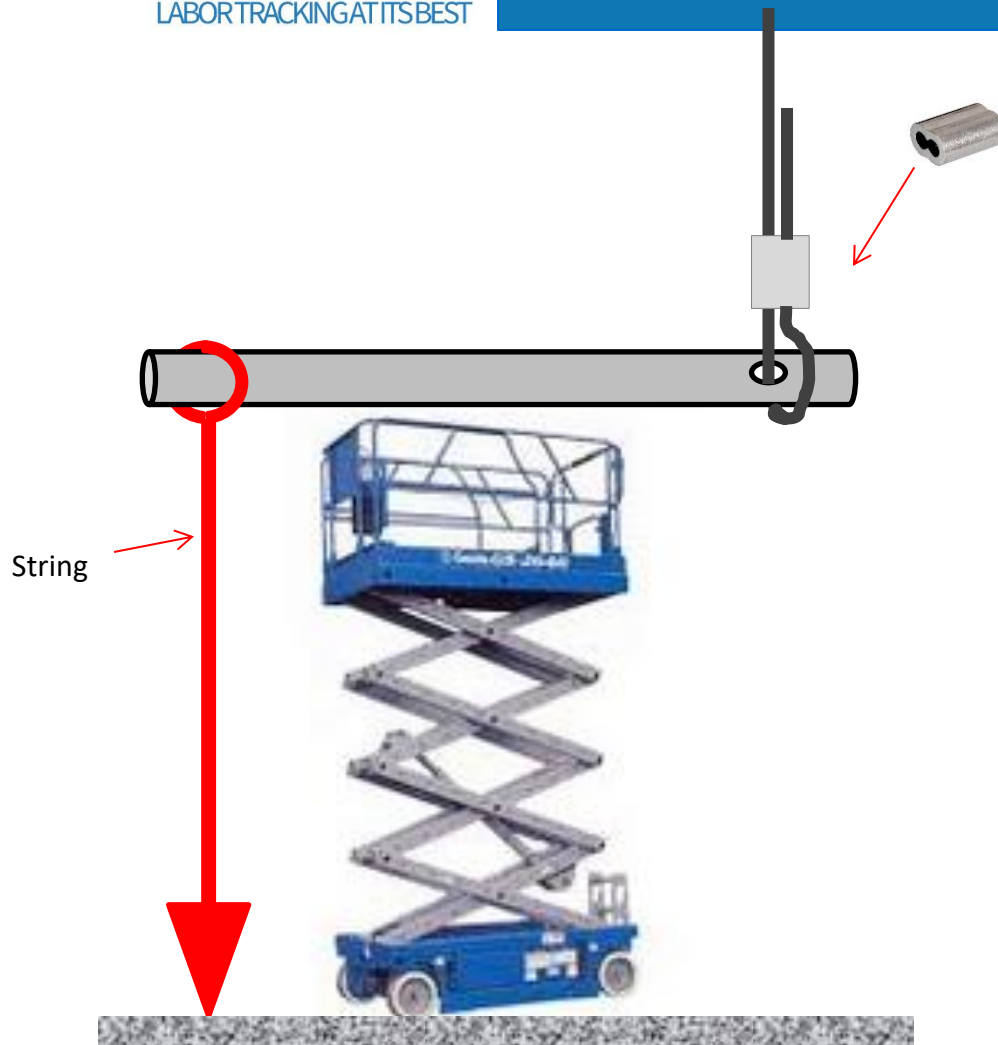
## Step 8



Place a ferule through the wire rope

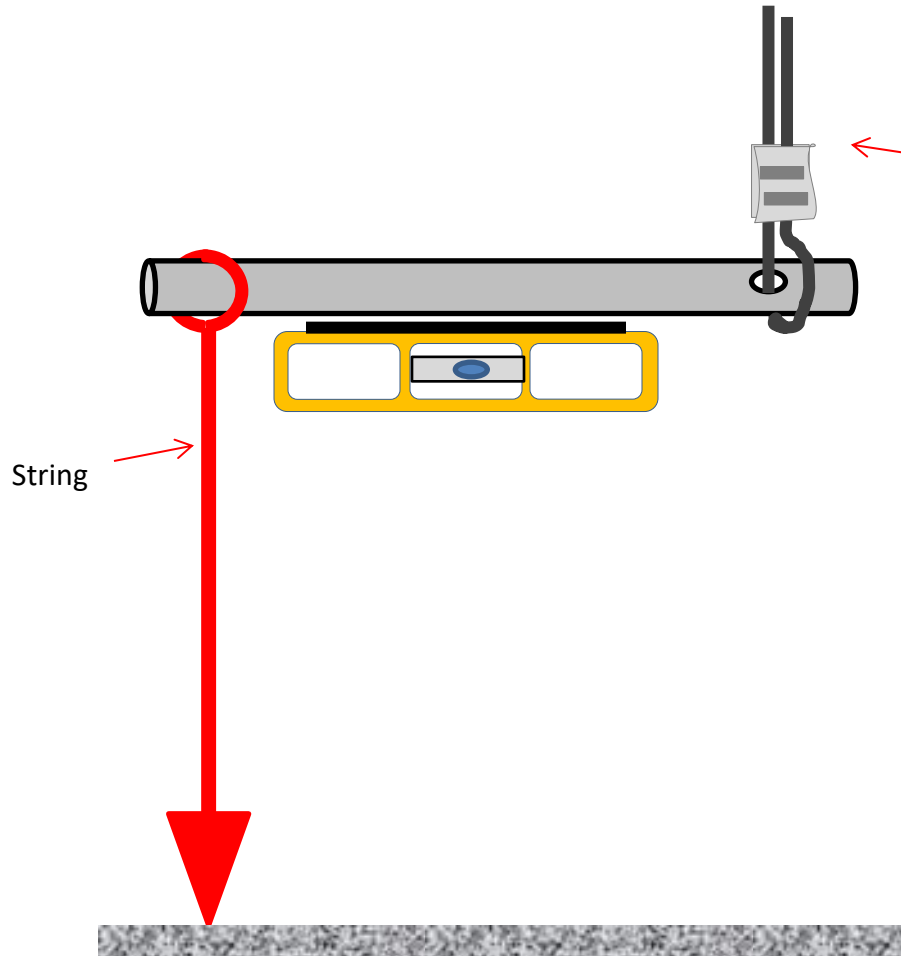
- Pull the wire rope through the hole
- Make sure that the plumb is upright and not laying on the warehouse floor

## Step 9



- Loop the wire rope around the outside of the pipe and pull it through the Ferule
- Pull on the wire rope end to ensure it is snug around the pipe
- Look at the plumb to ensure it is positioned correctly on the ground without leaning

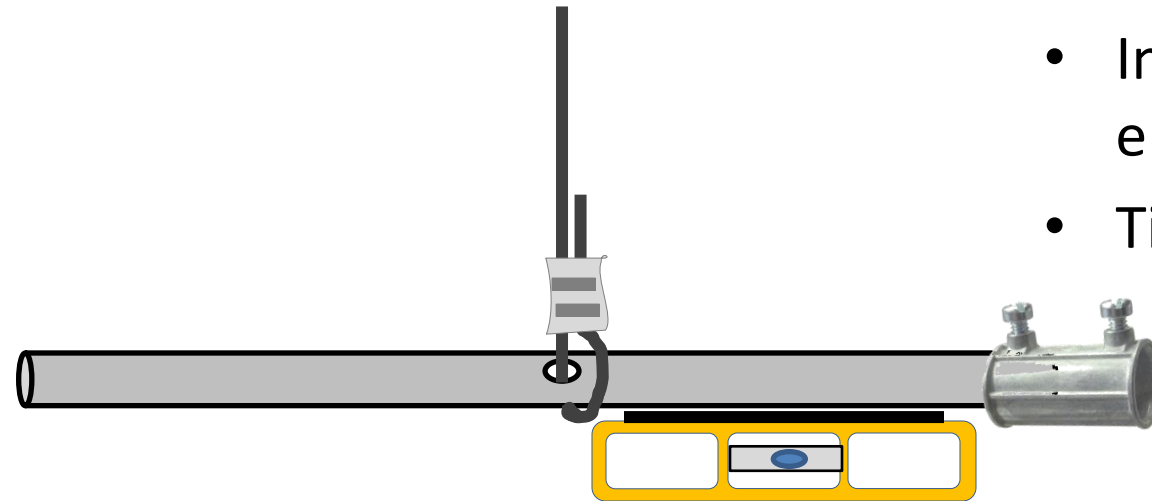
## Step 10



- Place a magnetic level on the pipe
- Make sure that the pipe is level
- Crimp the ferule tightly

# Step 11

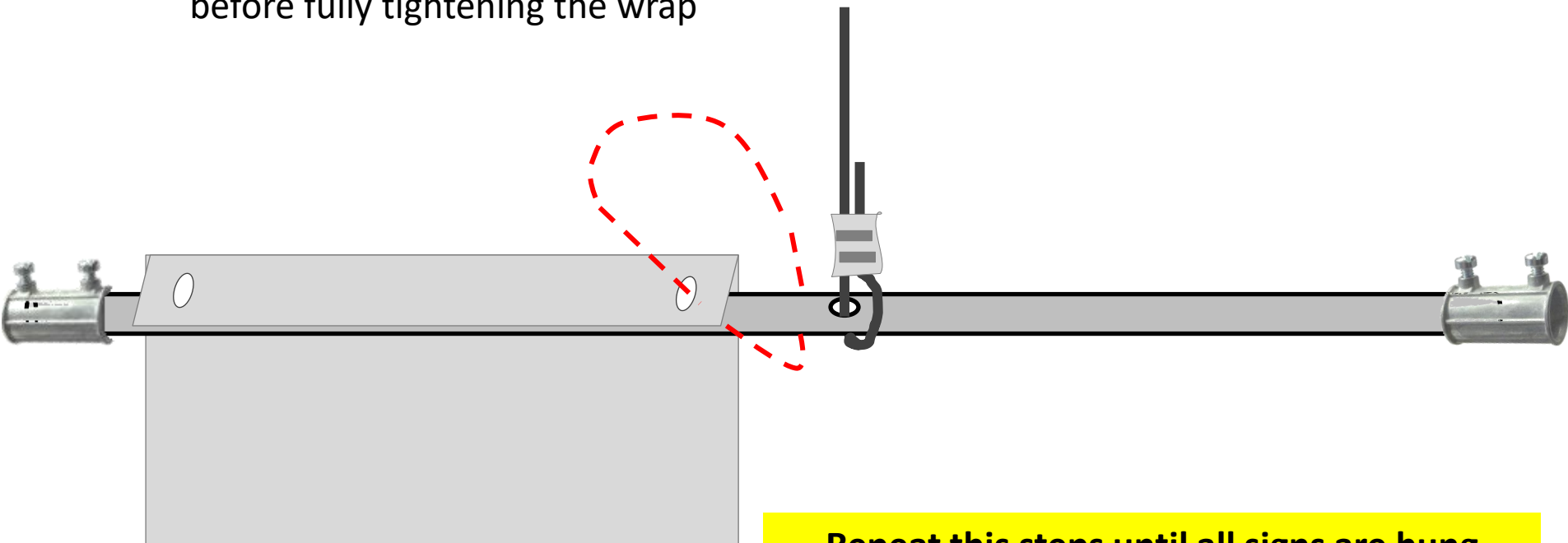
- Install the coupling on the end of the pipe
- Tighten with a screw driver



**Repeat Steps 4-11 until all the poles are installed**

## Step 12

- Place sign on top of the pole or in front, depending on the sign type
- Insert plastic tie wraps through the holes in the sign and secure it to the pole
- Make sure sign hangs at a 15 degree angel to the floor before fully tightening the wrap



**Repeat this steps until all signs are hung**