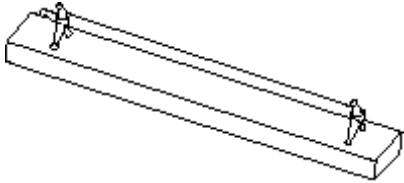


# Achieve Display

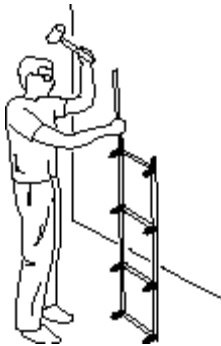
**Service . Integrity . Reliability**

## Abstracta Modular Display Assembly Instructions



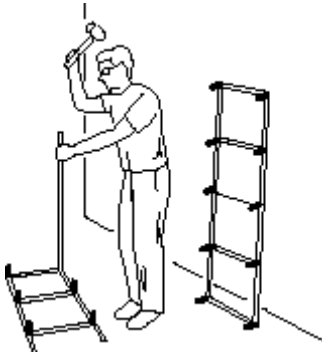
### Step 1

Insert connectors into tubes making sure the connectors are square to each other as shown. Drive connectors in half way initially. Once correct placement is confirmed drive connectors the rest of the way. Follow this procedure through-out assembly.



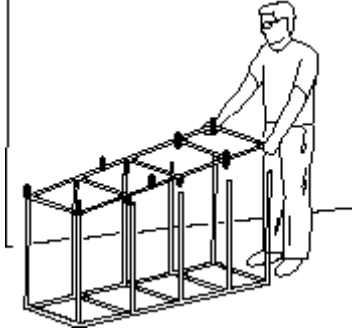
### Step 2

Each design is more easily assembled in layers. You may prefer to work with horizontal layers if the floor plan of your unit is complex or in vertical layers if the unit is notably tall. Assemble these parallel layers first.



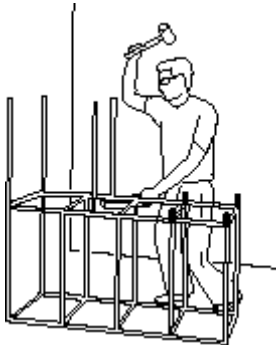
### Step 3

When all layers are complete, lay an end or base layer on the floor and hammer in the first set of opposing tubes.



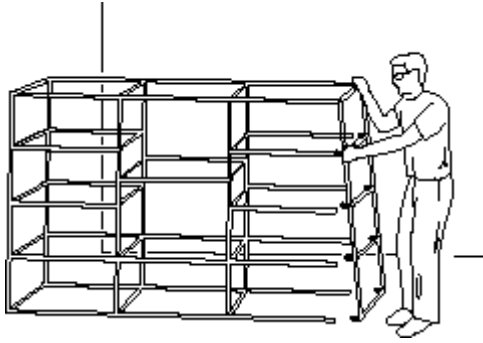
### Step 4

Hammer in the next layer slanting it slightly to insert the first pair of connector arms into the first pair of tubes by about 1/4", then insert the second pair of connector arms into the second pair of tubes and continue until all connector arms are loosely inserted into the tubes. Then hammer in all the connectors half way, and finally go over them once more, hammering them in all the way. This progression is to avoid stressing the connector arms.



### Step 5

Hammer in the next set of horizontal tubes. Caution: use a small piece of wood to butt-up against when hammering in tube in "off-set" section (see illustration). This is to avoid damaging connectors and tubes. Add layers until the structure is complete.



### Step 6

When the final layer is attached and the structure is upright carry the display over to its proper place. Attach shelf brackets and any accessory parts before installing shelving.

#### Caution

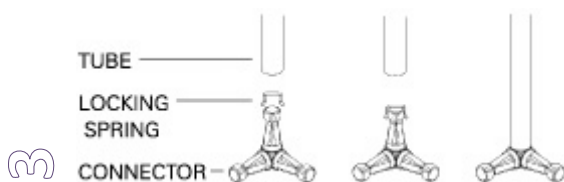
Before moving the display, make sure that all tubes are hammered completely onto the connector arms. Leave no space between the tube and shoulder of the connector arms. Often the tube ends will scrape a bit of finish off the connector shoulders-because of the tight fit. Remove such small splinters with the flat end of your nylon mallet. Do not use your fingers, unless you wear leather gloves, as you may otherwise sustain small skin cuts.

#### Special Instructions: Curved Tubes

Hold curved tube in hand, place connector in tube, and using mallet, hammer connector into tube.



Hold one curved tube in hand, using wood block as brace, hammer end of second tube to make one-half circle.



## Locking Springs

1. Place locking spring into the grooves on the head of the connector. 2. Align tube over head. Hold tube firmly against spring. 3. Hammer tube onto the head using a soft-faced hammer.

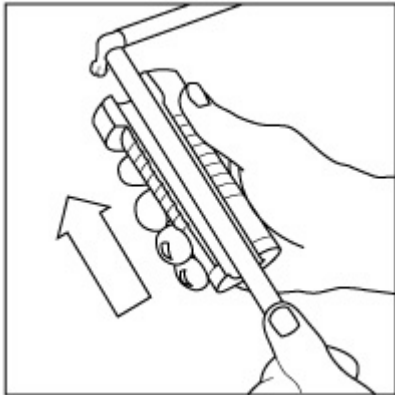
## Broken or Missing Connectors

Though our connectors are durable zinc castings you will also be pounding them with a mallet. Things happen. If a connector arm has broken off at the base of the joint and is stuck in the tube, it is preferable to knock it out from the opposite end with a 5/16" diameter steel rod that is longer than the tube. If the opposite end is attached to another connector, try to knock the broken arm far enough into the tube with a screwdriver and mallet so that there is enough room for a replacement connector.

A sales representative is available at 1.888.452.0850 if you encounter broken or missing connectors.

## Disassembly

We strongly recommend using a disconnect tool for taking the unit apart. Using a hammer to disassemble increases the risk of breaking connectors.



## Disconnect Tool

Firmly grasp tube and position in the channel of the disconnect tool with the larger end of the tool facing the connector. Rotate to contact the flat end of the tool against one or more connector arms. Strike the connector arms with the tool until loose.

## Troubleshooting

Lubrication: Use WD40 or other lubricant if you will be taking unit apart consistently or if you have difficulty attaching connectors to tubes.

For more information call 1-888-452-0850



We are available to help if you have questions. Please  
give us a call or e-mail us.

888-452-0850

Or

[joe@achievedisplay.com](mailto:joe@achievedisplay.com)

