



Industrial  
Louvers, Inc.

[www.IndustrialLouvers.com](http://www.IndustrialLouvers.com)

511 South 7th Street

Delano, MN 55328

763-972-2981

# Installation Instructions for Vertical Blade Equipment Screen Attaching to Horizontal Structure

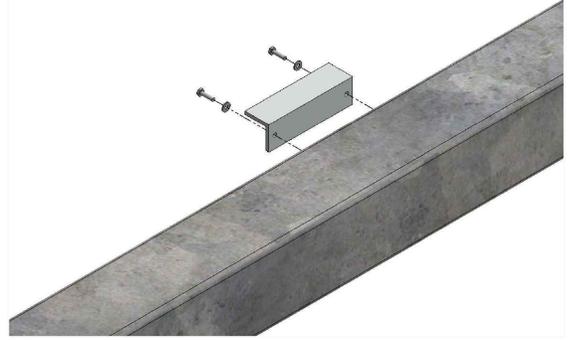
**Note:**

- The information included in the submittal drawing package shall supersede any information included in these installation instructions. Fastener type, size, and quantity shall be dictated by the submittals. It is the responsibility of the installer to follow all building codes and comply with all safety regulations.
- The product depicted in these installation instructions may not match the product supplied, however the installation process is the same.

### **Step 1: Installing the Clip Angles**

-The following tasks shall be done along each horizontal support. Ensure that the upper and lower clips are installed plumb.

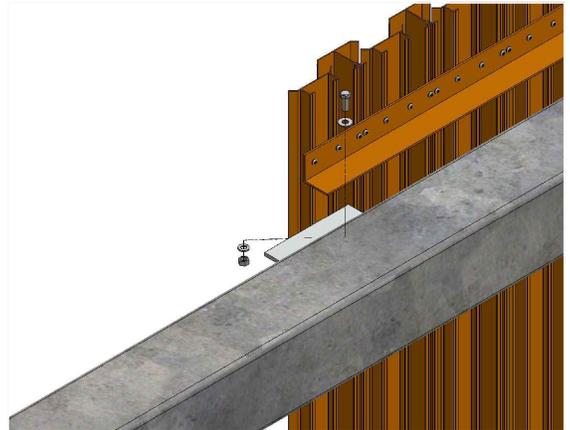
- A. Mark location of clip angles per the Industrial Louvers prepared submittal drawings.
  - A.A. Make sure clip angles are level and at the same elevation. A laser level can be helpful.
- B. Clamp clip angle into position.
- C. Drill pilot hole into horizontal structural member per anchor manufacturers instruction. Match hole locations in clip angle.
- D. Remove clamps.
- E. Shim between clip angle and structural member so that all clip angles are aligned.
  - E.A. Hint: Running a string line can be helpful.
- F. Fasten clip angle to horizontal structural member with anchors according to anchor manufacturers instruction.



### **Step 2: Installing First Unit**

-Begin by installing units adjacent to a corner if one exists.

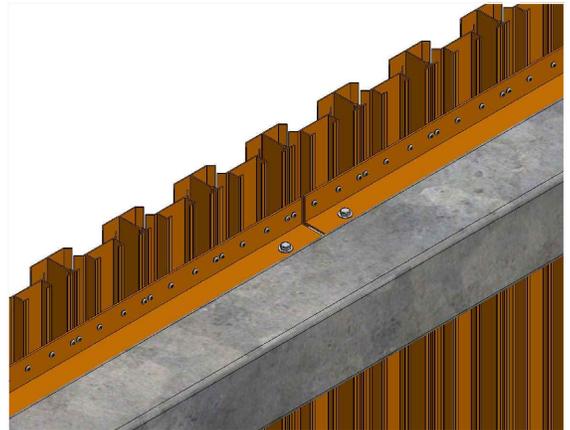
- A. Place unit into position. Adjust laterally according to the Industrial Louvers prepared submittal drawings. Use blocking, shims, and clamps as necessary to hold unit in place.
  - A.A. Note: If proper care has been taken in step 1 no shimming will be necessary.
- B. Drill clearance hole through blade supports and clip angles.
- C. Install through bolts into holes drilled in step 2B.
- D. Remove all clamps.



### **Step 3: Installing the Remaining Units**

-The following tasks shall be completed for each remaining unit.

- A. Place unit into position. Adjust laterally to maintain consistent blade spacing across the splice. Use blocking, shims, and clamps as necessary to hold unit in place.
  - A.A. Note: If proper care has been taken in step 1 no shimming will be necessary.
- B. Drill clearance hole through blade supports and clip angles.
- C. Install through bolts into holes drilled in step 2B.
- D. Remove all clamps.



### **Step 4: Installing Corner Trim**

-The following tasks shall be completed for each corner.

- A. Place trim into position. Use blocking, shims, and clamps as necessary to hold trim in place.
- B. Drill holes into corner trim and equipment screen blades.
- C. Fasten corner trim to equipment screen blades according to the Industrial Louvers prepared submittal drawings.
- D. Remove all clamps.

