



## AirTube Installation Sheet

Thank you for purchasing the AirTubes for grain bins. The AirTubes are designed to be installed twelve (12) per bin sheet at a spacing of approximately 9-3/8" (on the bin bolts).

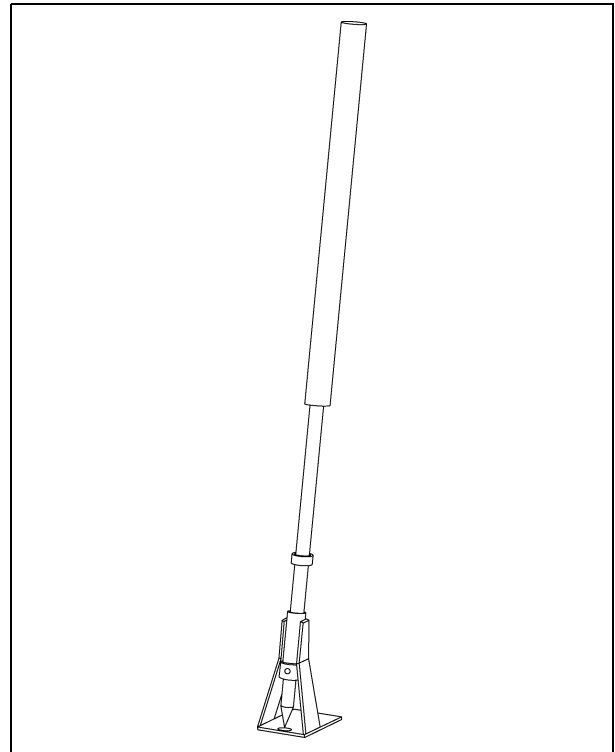
Use four (4) mounting clips evenly spaced along the length of the AirTube to attach the AirTube to the bin sheet. Mounting clips can be attached with a 5/16" nut on top of the bin bolt at each bin sheet joint.

The last clip should be 12" or less from the top of the AirTube. If there is not a bin bolt at this location, drill a hole in the bin sheet to attach the top clip.

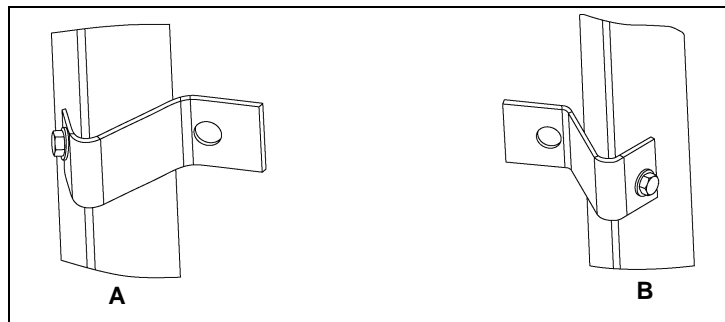
### Installation Instructions

1. Punch 31/32" diameter holes in the floor flashing approximately 1-7/16" to the **left** of each row of bin wall bolts. These holes should be spaced approximately 9-3/8" apart.  
*(See Note below.)*
2. Press an AirTube connector into the bottom of each AirTube until the flange is flush with the bottom of the AirTube.
3. Insert the AirTube and connector into the holes in the floor flashing. Ensure the flange of the connector is resting on the floor.
4. Secure the AirTube to the bin wall with the four (4) clips. Attach each clip to the bin wall bolt using the 5/16" nut.
5. Attach each clip to the AirTube by using a #8-1/2" self-drilling screw provided.

**NOTE:** *If a stirring device is used that rotates clockwise in the bin, AirTubes must be installed 1-7/16" to the **RIGHT** of each bin bolt.*



**Figure 1** AirTube Flooring Punch Tool



**Figure 2** AirTube Alignment

Drawing "A" shows the correct alignment for counterclockwise traveling stirring machines (Stir-Ators) and Drawing "B" shows the correct alignment for clockwise traveling machines (Uni-Driv).

See door kit instructions [on Page 2](#).



## AirTube Door Kit Installation Sheet

The door manifold kit is designed to use the AirTubes to aerate along the sides and on the top of bin doors. The kit consists of four (4) AirTube connectors, a left hand manifold section, a right hand manifold section and mounting hardware. The remaining clips, connectors and AirTubes required are furnished with the AirTubes ordered for regular bin sheet use.

### Installation Instructions

1. Study the drawing to understand how the door manifold kit is to be installed.
2. Set the left hand manifold (21-11/16" long) on the left side of the top of the door frame. Position it to allow room for an AirTube on the left side of the door frame. Use bin bolts if possible to mount the manifold. If the bin bolts are not accessible, use the self-drilling screws provided to attach the manifold to the door frame.
3. Set the right hand manifold (17" long) on the right side of the door in the same way as described above.
4. Measure the distance from the bottom of the manifold to the floor. Cut two (2) AirTubes to this length.
5. Punch 31/32" diameter holes in the floor and install these AirTubes on the left and right sides of the door frame.
6. Use connectors to attach the top of these AirTubes to the bottom of each manifold.
7. Measure the length of the AirTubes required above the door frame and cut five (5) AirTubes to this length. Install these AirTubes to the top of the manifold with the connectors provided.
8. Fasten AirTubes to the bin sheets with clips and self-drilling screws provided.

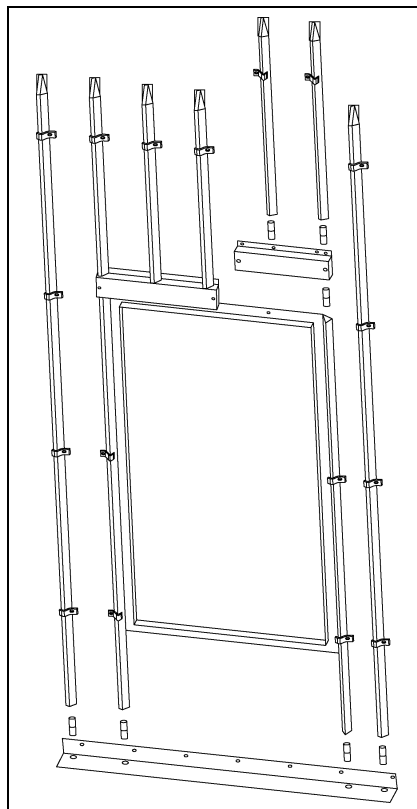


Figure 3