BAND-ON INTERMEDIATE WELL CONTROL GATE ASSEMBLY
FOR
6” AND 8” WELLS

Control Gate and Well Assembly

CAUTION! To help prevent personal injury, always wear the proper personal protective gear when drilling, cutting and working with metal materials.
Gloves, hearing protection, safety glasses and face shield should be worn.

Depending on your application, openings in the bin floor may need to be cut for placement of the intermediate well. Determine well location, use well dimensions as your template and cut the opening as required.

1. Once opening in floor has been cut, or well location has been determined, position the well on top of the unload tube. Mark the unload tube from the inside of the well leaving at least 1/2” of tube extending inside the well on all four sides (see illustration below). Verify the marks do not extend past the sides of the well, grain will leak out of the well assembly if the opening is cut too large. The illustration below shows the approximate maximum measurement for the 6” and 8” models.

Make sure the chain and paddles are not in the area where the cutting will take place. Damage to the chain and paddles will occur if left inside the tube.

2. Fasten the well to the unload tube with the back band and six (6) 5/16” x 1 1/2” bolts and non-lock nuts. Well should be positioned on the tube so the gates will open when control pipes are pulled out and away from the center of the bin.

Place suitable support under the well. When placing support under the well, it is important that the well flange remains flat against the bin floor. Do Not use a support that is too thick that it causes the flange to raise above the floor. The supports should be of a material that will not deteriorate, i.e. brick, treated 2x4, etc.

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Intermediate Well Cut-Out

Keep 1/2” of Tubing Around Inside of Well

Intermediate Well Cut-Out
(Shown as Reference Only)

Keep 1/2” of Tubing Around Inside of Well

Unloading Tube
Control Gate and Well Assembly (con’t.)

3. Install the top flange over the well body to ensure proper fit. Attach the flange to the bin floor using metal screws or other appropriate type fasteners (fasteners used to secure the well flange are not provided, use fasteners that will not interfere with the movement of a sweep auger if one is to be used).

4. The end of the control pipe will be attached to the control gate with a gate clamp. Measure 5/8” from the end of the control pipe. Drill a 3/8” dia. hole through both walls of the pipe at this location. The control pipe can be temporarily positioned in its mounted location to determine the correct length of pipe required for outside the bin. Once this has been determined, slide the control pipe to the well gate. Place the spacer between the gate and the control pipe. Position the gate clamp on the bottom of the pipe and insert the 5/16” x 1 3/4” roll pin through the clamp and the 3/8” hole previously drilled. Secure the clamp and spacer using two (2) 5/16” x 1” carriage bolts, flat washers, lock washers and non-lock nuts (the bolts will be inserted from the top side).

5. After well assembly has been completed, check gate operation to ensure there is no binding of the control pipe and that the gate opens and closes fully.

The center well control pipe will pass through the middle hole in the front and rear of the intermediate well. Follow the instructions included with the center well for proper assembly procedures.