# Scotsman Prodigy Cuber

## Service Procedure

The freeze cycle on a Prodigy cuber is controlled by an ice thickness sensor positioned in front of the ice making surface. It is triggered by water contact. Normally water only contacts the sensor when the ice is at the proper size. However, irregular water flow can cause premature contact resulting in a short freeze cycle, small bridge, long harvest and even a shut down on short freeze (code 8).
The primary procedure for correcting poor water flow is to scrub the spillway surface.

1. Shut machine off.
2. Remove right side panel liner and panel.
3. Disconnect ice thickness sensor from its bracket and move out of the way.
4. Scrub 4 to 6 strokes across the normal flow of water. A clean nylon scrubbing pad is the recommended tool.
5. Reassemble all components and retest operation.


Other short freeze causes include:

- Mis-adjustment of ice thickness sensor.
- Broken, bent, or dismounted ice thickness sensor.
- Sagging water distributor mounting bracket. See Service Bulletin PS-9-2012.