



## ASSEMBLY INSTRUCTIONS FOR POLYBIN BOTTOM PL-340

1. Remove and inspect the bin components. Each PL-340 Bin Bottom consists of the following parts:
  - (1) APL340 Poly Bin Bottom
  - (1) CBSTAND-340R Steel ring consisting of two identical halves
  - (4) CBSTAND-340L Steel legs
  - (1) CBSTAND-340XBI / XBO set of leg braces consisting of (4) inner and (4) outer braces
  - (1) SA-BHW1 Bolt pack
2. Place the (2) ring halves on a flat surface to form a circle, with the slotted areas overlapping. Note: ensure that one half of the ring overlaps on the outside of the circle at one joint, and on the inside of the circle at the opposite joint.  
Install the  $\frac{1}{2}$ " x  $1 \frac{1}{4}$ " carriage bolts through the slots, from the inside out with the  $\frac{1}{2}$ " flange nuts on the outside. Snug the bolts enough to allow placement on the bottom, remembering that adjustment of the ring is to follow.
3. With the bin bottom lying on its side, slide the ring over the bottom of the bin and up to the step in the bin. Carefully position the bin bottom in the upside down position, so that the ring sits on the lip or as close to the lip as possible.



Tighten the bolts of one ring connection, having the slots and bolts approximately evenly centered. At the other ring connection, use the come-a-long and pull the ring snug. Do not over tighten as this will cause the ring to pull away from the lip.



Using a tape measure, check that the 4 leg locations are relatively equally spaced. When this is done, tighten the remaining bolts of the ring connection.



4. Using a 3/8" drill bit, drill through the 3/8" holes in the ring and through the bin wall. Install a 3/8" carriage bolt and 9/16" flat washer from the inside out with 3/8" lock washers and hex nuts on the outside. Proceed around the bin bottom in a circular pattern until complete.
5. Lay the bin bottom on its side again to install the 4 legs. Position the leg 90 degrees to the ring, with the holes and slots relatively centered. Drill through the holes and the poly bottom with a 1/2" drill bit. Install the 1/2" carriage bolts and 11/16" flat washers from the inside out with a 1/2" nut on the outside. With the leg as square as possible, tighten the nuts. The carriage bolt will seat itself in the plastic on the inside as this is done. It may be required to hold the bolt head from the inside until this happens.
6. When all 4 legs are installed and tightened, install the cross braces using the 3/8" x 4 1/2" hex bolts and the pre-drilled holes in the legs. Braces are attached to the inside of the legs. Once all braces are positioned, tighten the bolts. Install the 5/16" x 3/4" bolt and nut through the slots in the center of the braces where they cross, and tighten.
7. Position the bin bottom in the upright position. Ensure that the legs are square and parallel. It may be necessary to loosen some connections and adjust legs or braces. Ensure that all connections are tight.
8. Attach the Lid and Opener to the bin top. **Before drilling any holes read the instructions included with the PLLIDKIT.**
9. The top can now be assembled to the bin bottom. All bin tops are pre-drilled with 3/8" diameter holes. The top must be positioned and centered so that all of the predrilled holes will contact the top flange of the bin bottom. Note: The top and bottom may be slightly distorted from shipment and storage and therefore may not be round or concentric with each other. Ensure proper positioning prior to drilling. **(It is the assembler's option to use a high grade silicone sealant at the bolted flange connection.)**
10. Drill a 3/8" hole and install a 3/8" flanged hex bolt from the top with a 3/8" flanged nut on the underside and tighten. Move 90 degrees around the bin and do the same, making sure the top is still centered at all locations. Continue this pattern and tighten the top completely.
11. The bin is now ready to be positioned for use. Ensure that the bin is fastened to a level concrete surface.



## **POLYBIN WARRANTY NOTICE**

Prairie Pride POLYBINs must be assembled and installed according to Prairie Pride's Assembly Instructions for warranty to be applicable.

**Ensure that all pre-drilled holes have hardware installed.  
Before drilling any holes refer to the instruction sheet for the bin  
option being installed.**

Feed Bins must be anchored to a level one-piece concrete pad not less than 9' x 9' x 13" thick with 6 x 6 # 10 Welded Wire Fabric (WWF) at approximately 6-8" depth into the pad.

Feed Bins are designed for use with Free Flowing Materials.

We do not recommend using any larger than a 4" auger on discharge.

Material density not to exceed the rating specified on our POLYBIN brochure issued 04-01-07.