



Part Number	703702
Bulletin	1040
Effective	10/8/2003

## **Tapered Hooded Bin Vent Installation Instructions**

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	736355	Tapered Hooded Bin Vent
8	820589	Bin Bolt - 5/16" x 3/4"
8	820696	Hex Nut - 5/16"
16	708412	Flat Washer - 3/8"
1	Bulletin 1040	Installation Instructions

### **Instructions**

**Typical Assembly of a Hooded Bin Vent shown in Figures 1 & 2 as a guide for a proper installation.**

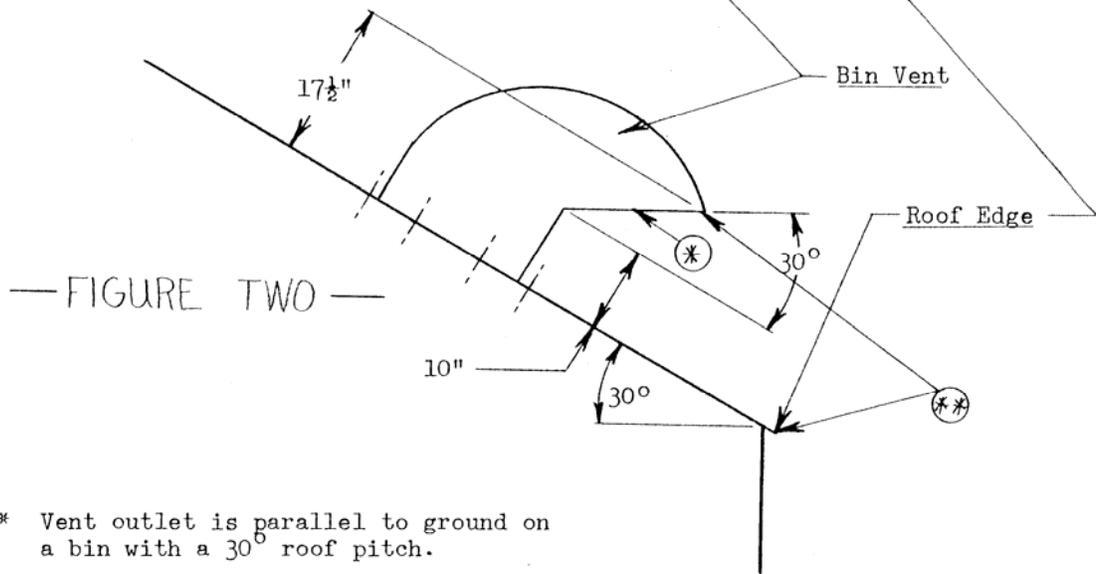
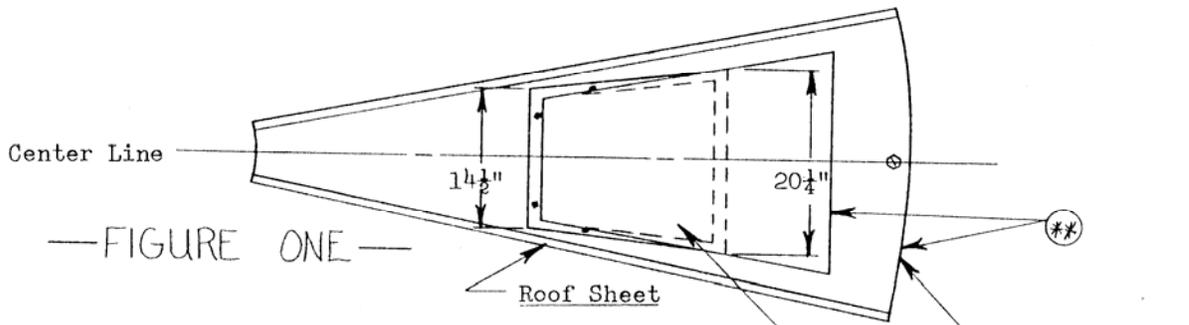
NOTE: A complete bin vent assembly is shipped in one box.  
On one of the box flaps, there is a template diagram.

- A. Use the template pattern.
  - a. Cut the box flap with the template off.
  - b. Cut along lines marked A & B, as shown in Figure 3.
  - c. Place Angle Flange pattern on bin roof at desired location and secure tightly. NOTE: DO NOT LOCATE THE PATTERN AS TO CUT ANY PORTION OF THE RIB IN THE ROOF SHEET.
  - d. Cut bin roof out along line marked B, as referenced in Figure 3.
  - e. Shear 3/4" back on the bin roof sheet at the four segments referenced as C on pattern, and detailed in Figure 3.
  - f. Center punch all holes and drill 3/8" diameter.
  
- B. Assembling Bin Vent to Bin Roof.
  - a. Locate bin vent on roof sheet making sure the (4) holes that have been drilled in the roof sheet line up with the (4) darkened holes (referenced in Figure 3) on the bin vent angle flange. If adjustments are required, do so now, then temporarily fasten the bin vent to the roof sheet.
  - b. Now that the vent is positioned on the roof sheet drill the remaining (4) holes located in the side Flanges using the bin vent angle Flange as a template. These holes are designated as the (4) clear holes referenced in Figure 3.
  - c. Using a ball peen hammer, peen up the roof sheet 90 deg inside of the open area for the vent. This supplies a waterproof seal. The bin vent is recommended to be fastened to the roof sheet temporarily for a guide when hammering the lip up a true 90 deg.
  - d. Remove bin vent and caulk completely around the flange.
  - e. Place vent over open area on roof sheet and using all 5/16" fasteners supplied, tighten securely.
  - f. Refer to Figures 1 and 2, to be certain your assembly resembles a correct assembly as shown in these figures.



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TAPERED HOODED BIN VENT  
INSTALLATION INSTRUCTIONS



NOTE:

- \* Vent outlet is parallel to ground on a bin with a 30° roof pitch.
- \*\* If possible, locate bin vent so no portion of it extends out past the roof edge.

