



## **Blast Freezer Kit Field Instructions**

PLEASE READ COMPLETELY BEFORE BEGINNING

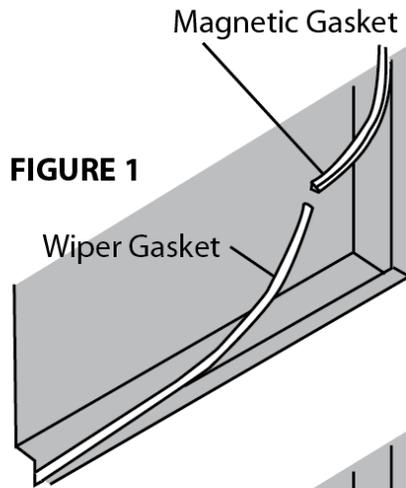
NOTICE: This installation will not allow the door to self-close. Bally recommends the installation of a D-60 Positive Latch.

This manual is written for use with a 4" thick hinged walk-in door, however it is applicable to 5" and 6" thick doors when 1" or 2" respectively are added to the dimensions marked with an '\*'

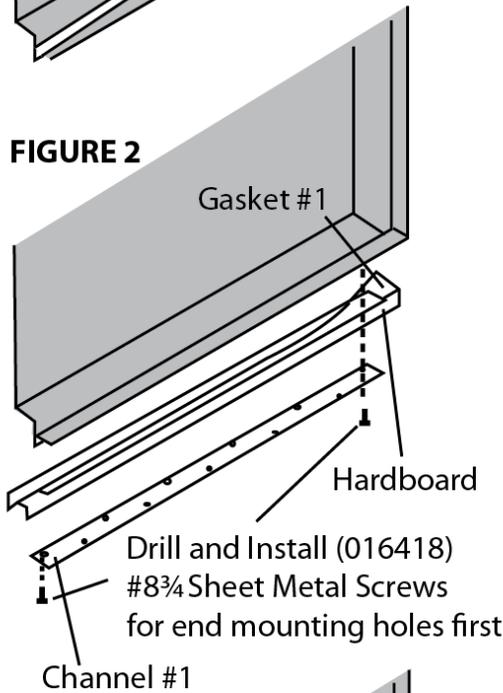
It is also applicable to a reach-in door if:

1. Section 'B' is disregarded.
2. Each procedure performed with respect to the top gasket is repeated with the bottom gasket on the reach-in door.

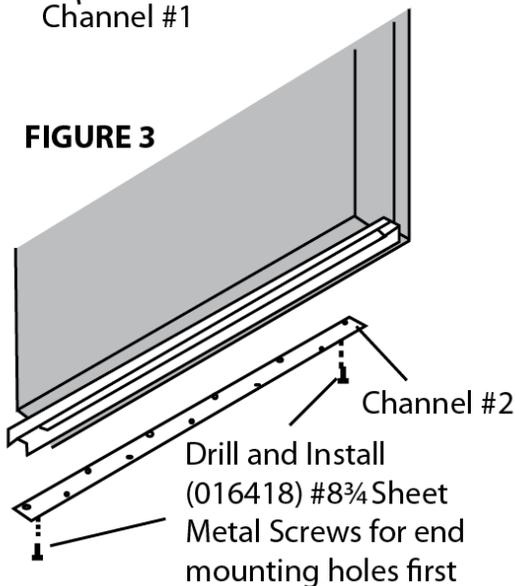
**INSTRUCTION MANUAL**  
**BLAST FREEZER KIT FIELD INSTRUCTIONS**  
**IM-267-88**



**FIGURE 1**



**FIGURE 2**



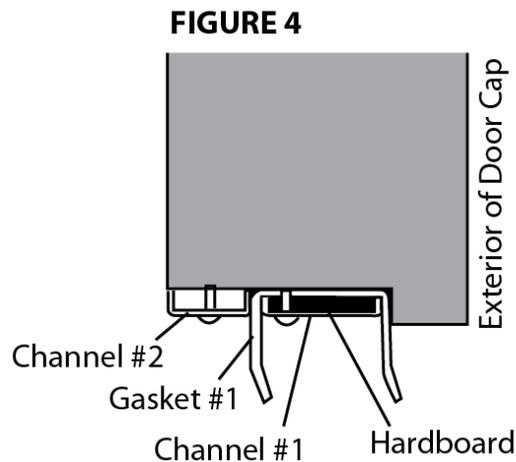
**FIGURE 3**

**Section 'A' Preparation**

1. Disconnect the power supply to the vapor-proof light junction box on the interior of the door panel.
2. Disconnect the cross-over cord from the vapor-proof light junction box. Allow the cord to hang free from the door cap.
3. Remove the door cap from frame and lay the cap with the interior (angled & gasketed) side facing up.

**Section 'B' Wiper (Bottom) Gasket**

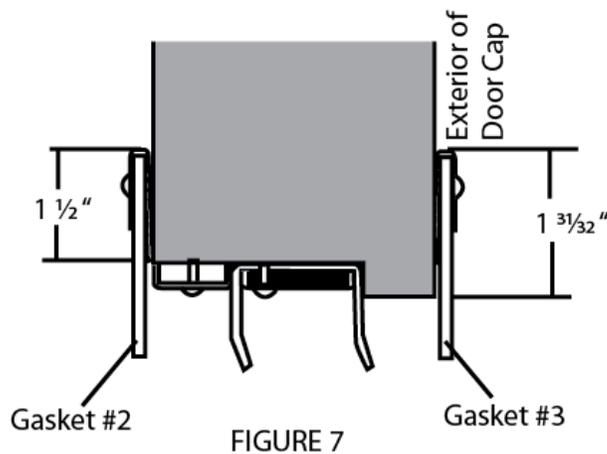
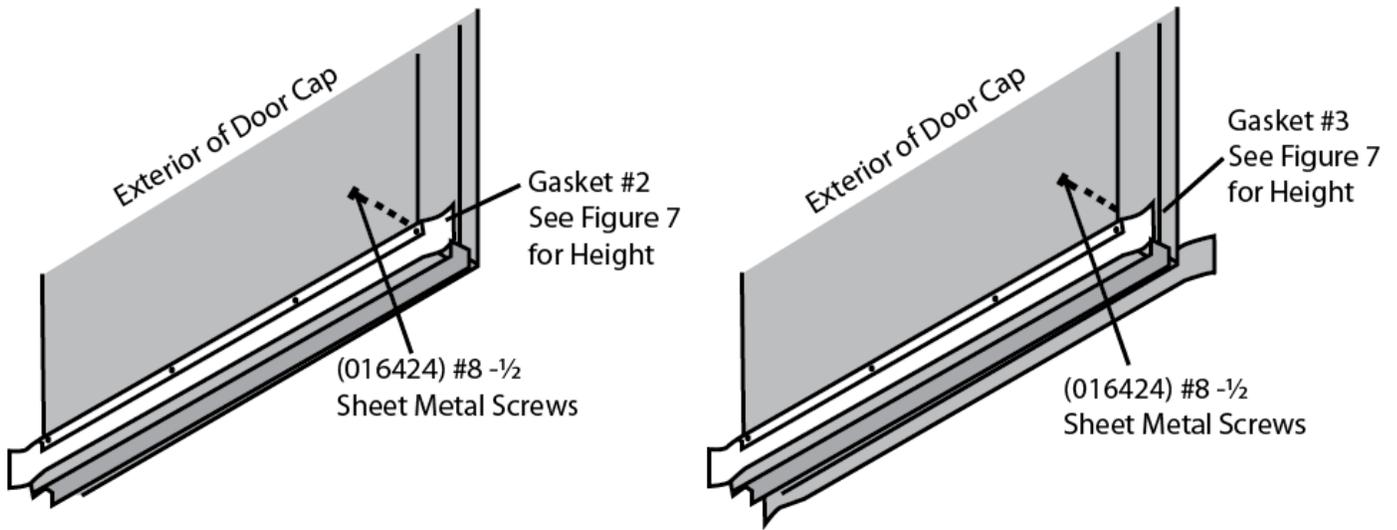
1. Remove and discard the existing wiper gasket. Remove and save all magnetic gaskets. See Figure 1.
2. Center the HARDBOARD on GASKET #1. Place CHANNEL# 1 over HARDBOARD so that the ends line up. See Figures 2 & 4.
3. Place assembly centered in width against the inside of the step along the bottom of the door cap as shown. See Figures 2 & 4.
4. Using mounting holes as a guide, drill a 1/8" pilot hole at each end of the assembly and fasten with (016418) #8-3/4 SHEET METAL SCREWS.
5. Drill remaining mounting holes in the assembly and fasten as in Step 4.
6. Place CHANNEL#2 against CHANNEL#1 firmly with GASKET#1 between them. Using the mounting holes as a guide, drill a 1/8" pilot hole at each end of channel and fasten with (016418) #8-3/4 SHEET METAL SCREWS. Drill remaining mounting holes in CHANNEL# 2. At this point do not install screws for the middle holes. See Fig. 3 and 4. It may be necessary to loosen screws to feed heater wire through channel (to be described in section 'C').



**FIGURE 4**

**Section 'B' Wiper (Bottom) Gasket - Continued**

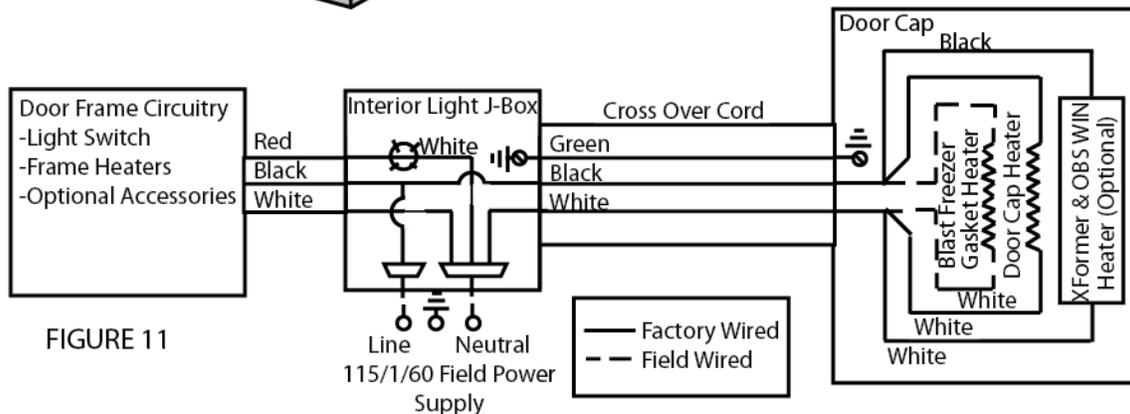
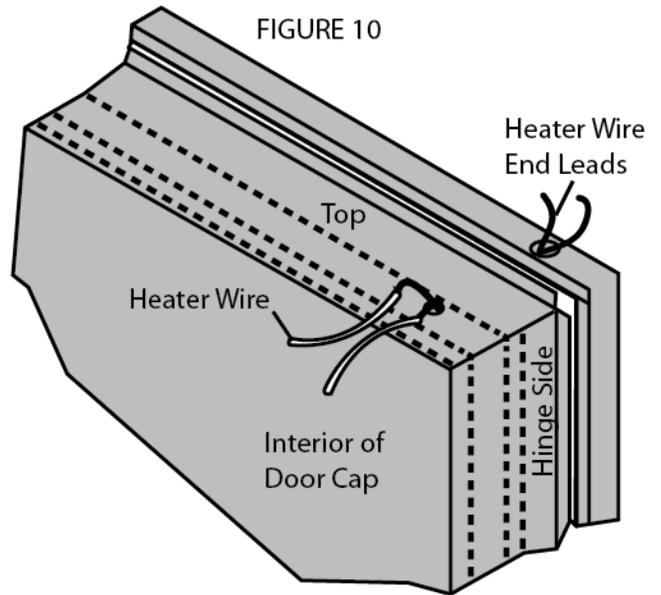
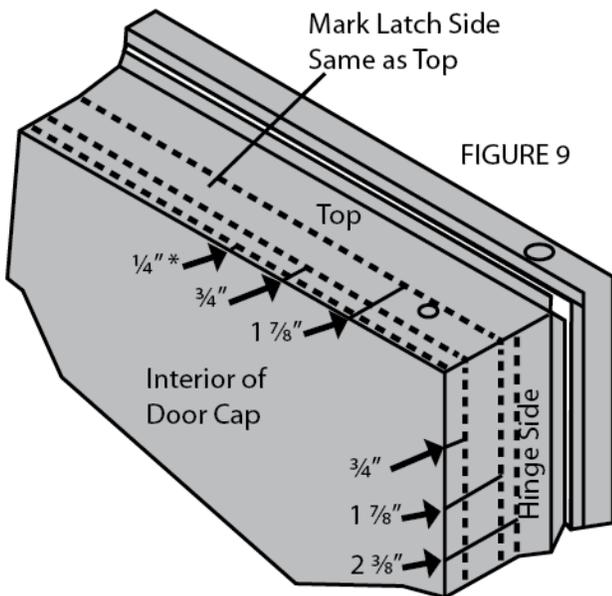
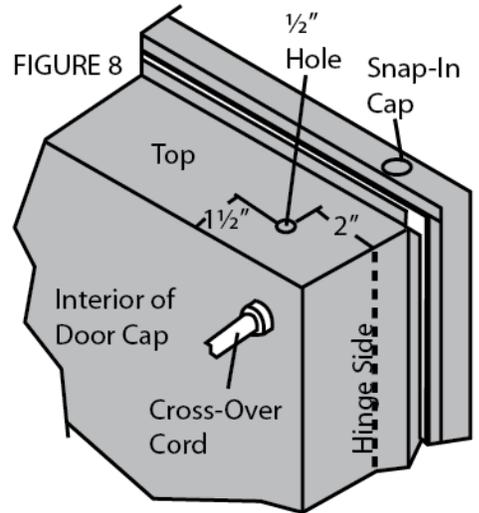
9. Position GASKEK#2 along the interior of the door cap bottom, centered in width and in height as shown in Fig. 5 & 7. Drill a 1/8 " pilot hole in the center of each mounting slot and attach with (016424) #8-1/2 SHEET METAL SCREWS.
10. Flip the door cap so exterior is facing up. Position GASKET#3 on door cap so on door cap exterior and attach as in Step 9. Refer to Figures 6 & 7 for gasket mounting height
11. Flip door cap again so exterior is facing down.



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**Section 'C' Heater Wire**

1. Drill a 1/2" hole in the top of the interior door cap as shown in Fig. 8. Drill a 1/2" hole in the polystyrene under the snap-in cap.
2. Dig through foam to create a path from the new hole to the hole under the snap-in cap, taking care not to damage the cross-over cord. The leads from the blast-freezer kit heater wire will run through this path to be wired to the cross-over cord. NOTE: If existing cross-over cord is BLACK, it must be replaced with a YELLOW low-temperature cord.
3. Mark lines for the top, latch and hinge sides as shown on Figure 9.
4. Feed heater wire lead ends through 1/2" hole drilled in Step 1 to the hole under the snap-in cap.
5. The blast-freezer kit heater wire is connected in parallel with the existing door cap heater. See Figure 11 electrical diagram for circuit connection.



**Section 'C' Heater Wire - Continued**

6. Using aluminum tape, tape around corners to prevent chaffing of heater wire. See Figure 12.
7. Using aluminum tape, tape one end of heater wire near the 1/2" hole previously drilled. Continue taping wire firmly between the marked lines that are approximately 1-5/8' apart. See Figures 10 & 12.
8. At the corners, run heater wire with a loose radius. Do not tape heater wire around corner. See Figure 12.
9. Stop tape at the bottom and feed heater wire through CHANNEL#2. Run heater wire as shown in Figure 13.
10. Finish mounting CHANNEL#2 by installing (016418) #8-3/4 SHEET METAL SCREWS in remaining holes. Make sure wire is not damaged when installing screws and that heater wire can slide free within CHANNEL#2.
11. Fill the 1/2" diameter hole thru interior door cop with putty or caulking.

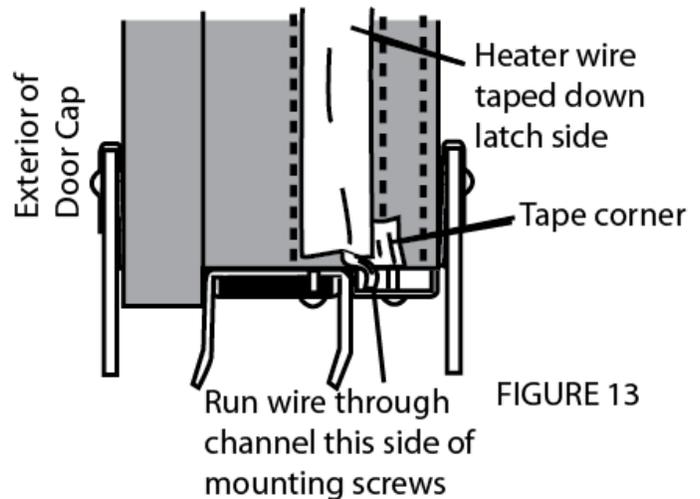
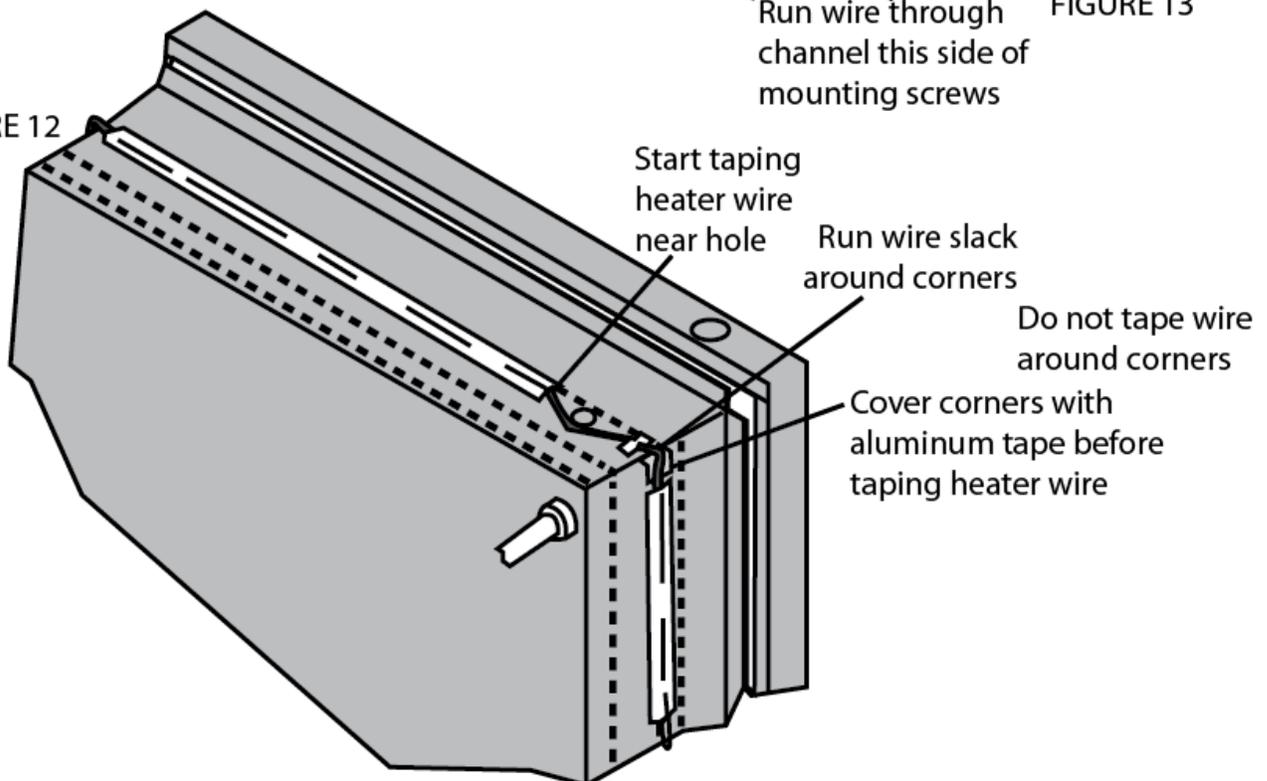


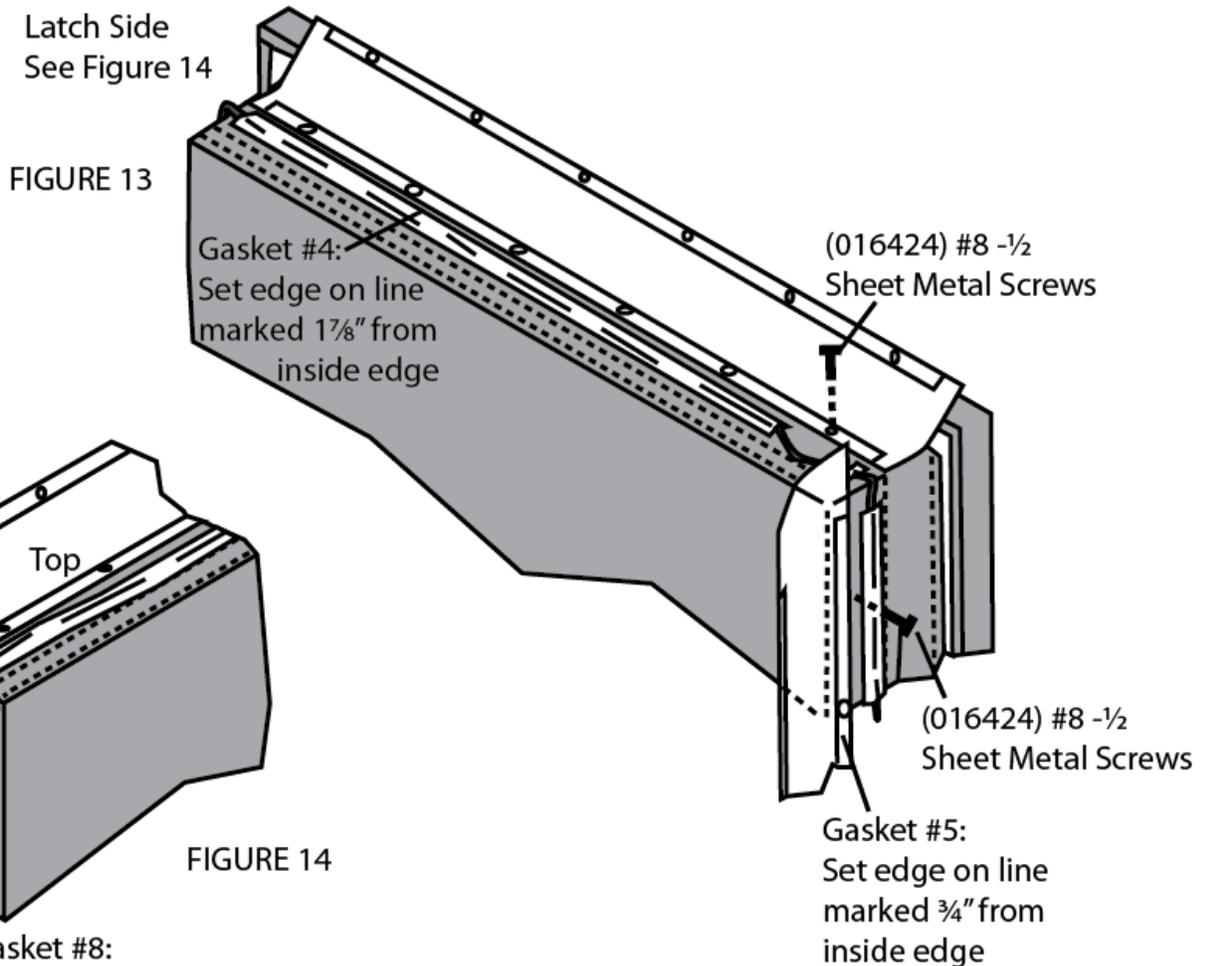
FIGURE 13

FIGURE 12



**Section 'D' Blast Freezer Gasket**

1. Center GASKET#4 along line marked along top of door. Using the mounting holes as a guide drill 1/8" pilot holes and install gasket using (016424) #8-1/2 SHEET METAL SCREWS as shown. See Figure 13.
2. Position GASKET#5 as shown in Figure 13 along hinge side. The end of the gasket retainer should be flush with the bottom of the door cap. Install gasket as in Step 1.
3. Position GASKET#6 as shown in Figure 14 along latch side. The end of the gasket retainer should be flush with the bottom of the door cap. Install gasket as in Step 1.



**Section 'D' Blast Freezer Gasket - Continued**

- 4. Cut the inside fold of both GASKET#4 and GASKET#5 so that there is only a single fold of material when the gaskets are folded over corner. See Figure 15.
- 5. Fold gaskets to top of door cap and tape down with aluminum tape. See Figure 16.

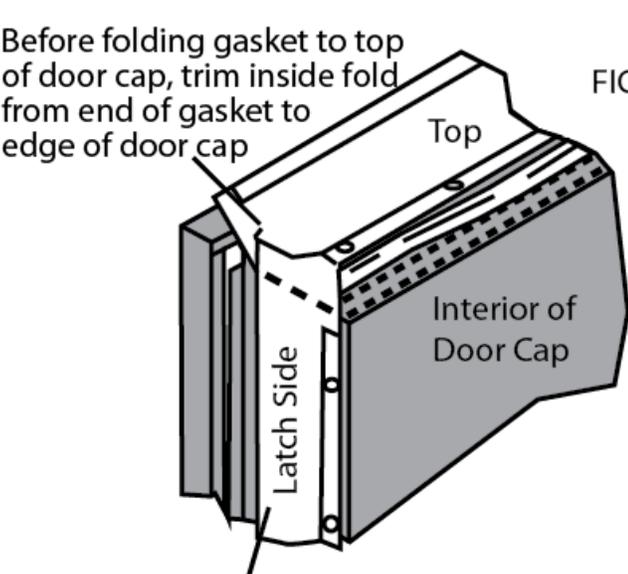
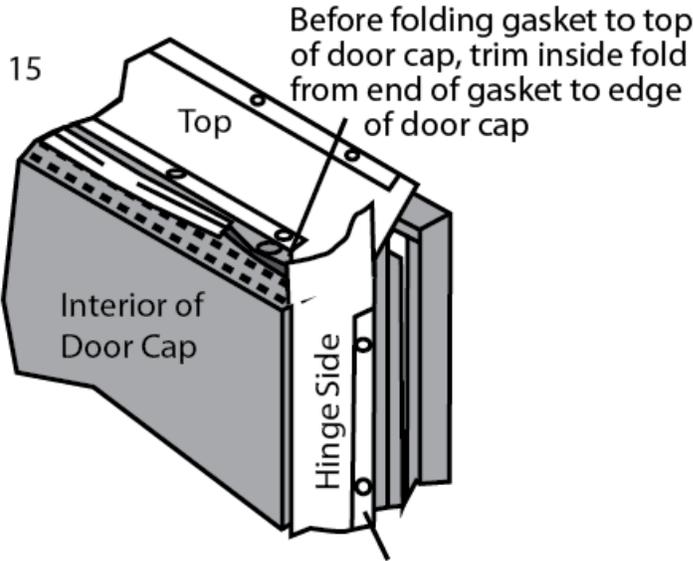


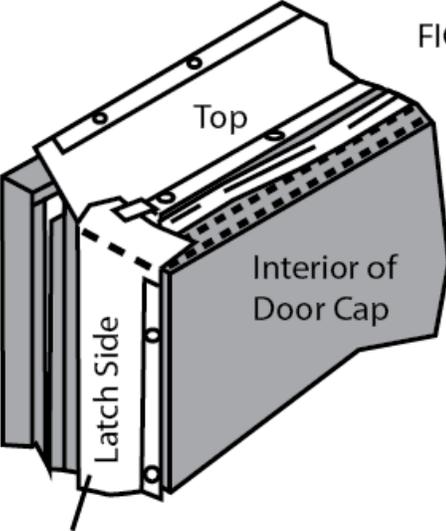
FIGURE 15



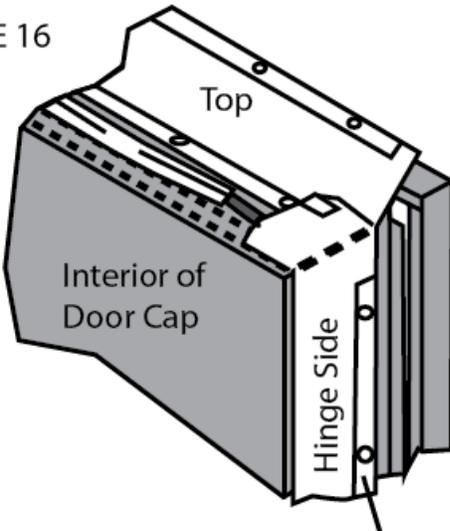
Fold gasket #4 to line marked 1/4" from inside edge

Fold gasket #5 to line marked 2 3/8" from inside edge

FIGURE 16



Fold gasket #4 to line marked 1/4" from inside edge



Fold gasket #5 to line marked 2 3/8" from inside edge

**Section 'D' Blast Freezer Gasket - Continued**

6. Fold GASKET#4 to line marked 1/4" from inside edge of door cap. Trimming GASKET#5 and GASKET#6 may be required to allow GASKET#4 to fit flush against door cap. Using gasket mounting holes as a guide, drill 1/8" pilot holes and install (016424) #8-1/2 SHEET METAL SCREWS. Apply a silicone type adhesive to where top and side gaskets form a seam with the top gasket.

**Section 'E' Re-assembly**

1. Reinstall magnetic gasket to door cap. GASKET#1 may require a slit to allow room for holding tab.
2. Hang door and make necessary adjustments to cap and wiper gaskets.
3. Connect YELLOW cross over cord to vapor-proof light junction box inside of the door panel. See Figure 11, Sheet 4 for wire diagram.

