

Summary	Repair or retrofit bulb seal installation				
Products Affected	Turbo Slide				
Key Word Tags					
Tools/Equipment (If Required)					
Parts/Materials (If Required)					
Related Media	Turbo Slide Installation Manual				
Author	Mike Burzlaff	Issue Date	9/22/17	Status	Active

Please Read The Entire Bulletin Before Proceeding

The below is an addendum to the existing turbo slide installation manual.

Draft install procedures – new Bulb Seal/Gasket Design

On pages 6 through 7 – replace entirely with new write-up and figures

1. Remove three (3) modular bulb seals pieces from head assembly crate. The bulb seal parts are location specific with a left side piece, a right side piece and a top piece (See Figure 10). The side pieces have a coped top to fit over the top bulb seal (See Figure 10a). The side bulb seals have pre-drilled bolting holes that go away from the opening.

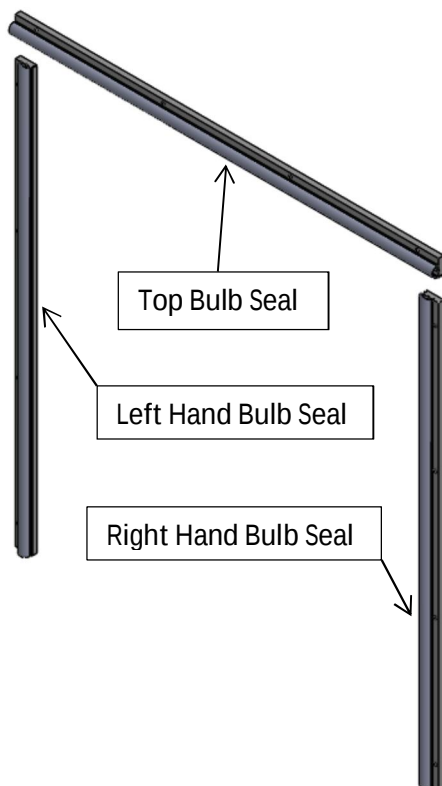


Figure 10

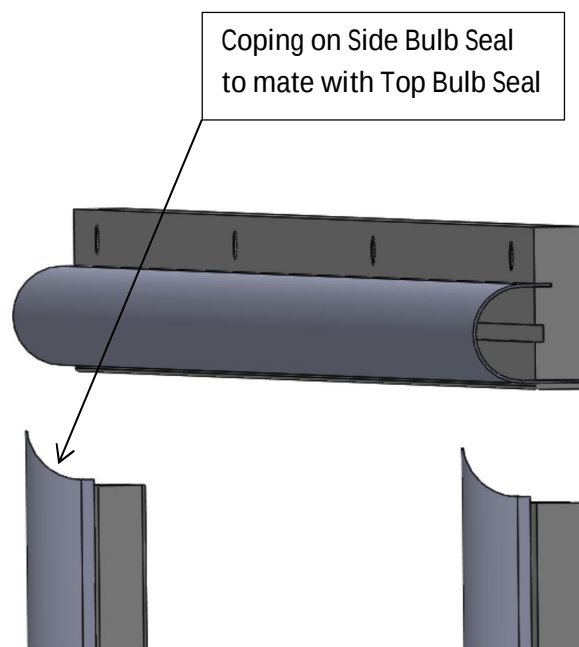


Figure 10a

2. Test fit side pieces – ensure that the bottom of the side bulb seals is in contact with the floor over the entire bottom area of the bulb seal (composite backing and bulb) (SEE FIGURE 11) (side view). IF THE WALL TO FLOOR JOINT HAS A FILLET AS SHOWN IN FIGURE 11a, THEN EITHER CHIP AWAY THE CHAMFER TO MAKE SQUARE, OR CHAMFER THE BOTTOM CORNER OF THE BULB SEAL BACKER TO MATCH THE WALL TO FLOOR JOINT.

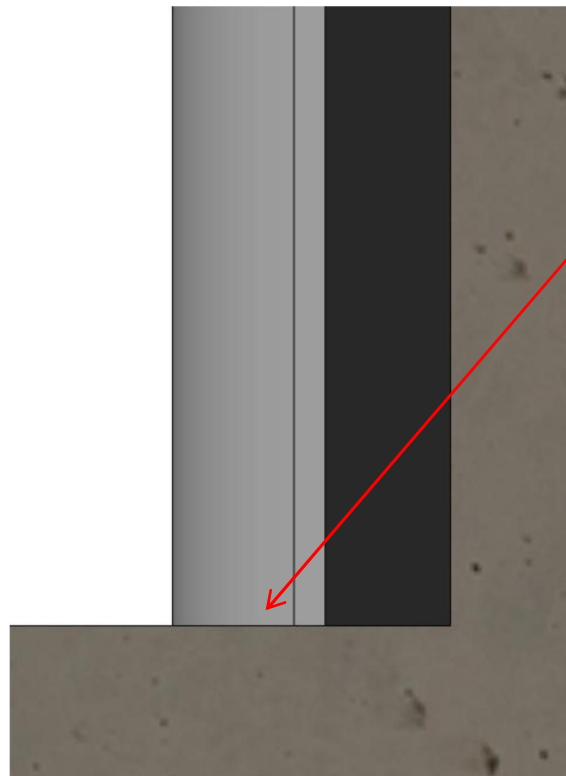


Figure 11

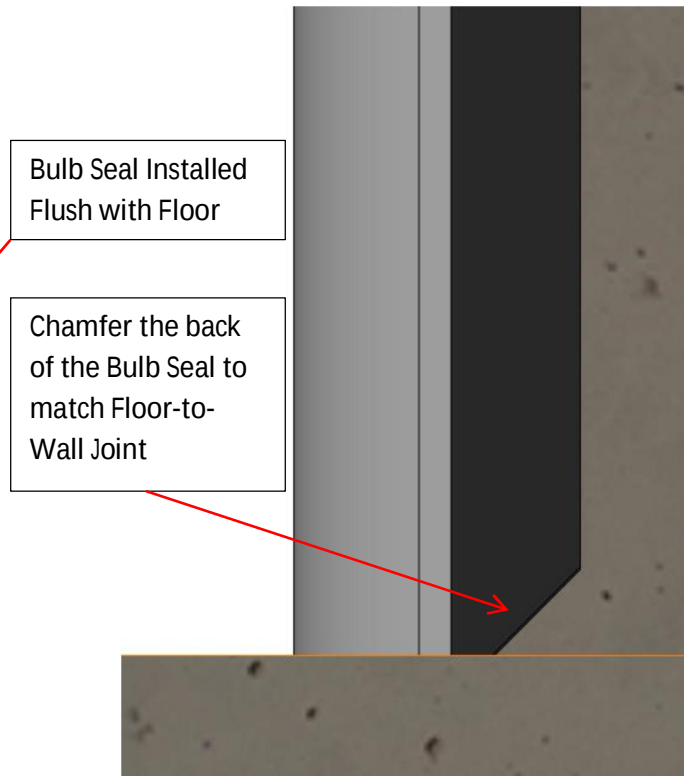


Figure 11a

3. Install side bulb seals first:
 - a. Starting with either the left or right hand side - Caulk back of bulb seal composite board as down both back side edges and a zig-zag pattern in between as shown in Figure 12.
 - b. Install bulb seal on wall so the inside edge is flush with the edge of the opening (See Figure 12a).
 - c. Secure bulb seal with 3/8" hardware on 36" centers using the pre-drilled holes
 - d. Repeat steps a through c for the other side bulb seal

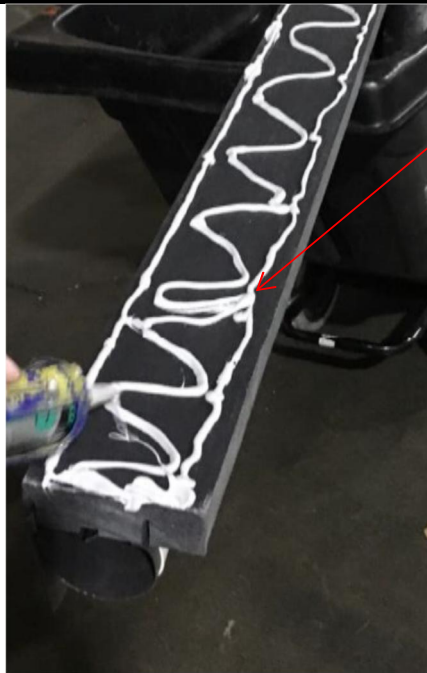


Figure 12

Silicone Caulk

Align inside of
Bulb Seal flush
with doorway
opening



Figure 12a

4. Mark & Cut slits for heat trace in top bulb seal. Cross-cut two 1" long slits into the lower section of the top bulb seal 2" from each end to route heat trace through the top bulb seal if equipped w/ this option. (See Figure 13) (*Keep and renumber Figure 17*).
5. Install top bulb seal:
 - a. Caulk back of bulb seal composite board as down both back side edges and a zig-zag pattern in between as shown in Figure 12.
 - b. Using a lift and ladder and two persons, bring the top bulb seal to the top of the opening but do not put on wall
 - c. Pull the heat trace from the side bulb seals (if installed) up through the slits cut in step 3 (See Figure 13 (*currently Figure 17*)), both the lengths of heat trace will be pulled to the side of the door that the control panel is located on:
 - i. Pull the shorter length of heat trace through the slit and out the near end of the top bulb seal
 - ii. Pull the long length of heat trace through the slit and feed through the top bulb seal to the same side as the shorter length of heat trace
 - d. Secure bulb seal with 3/8" hardware on 36" centers using the pre-drilled holes
6. Run bead of caulk of inside and outside of bulb seal including corner joints (See Figure 14) (*replaces Figure 20*)

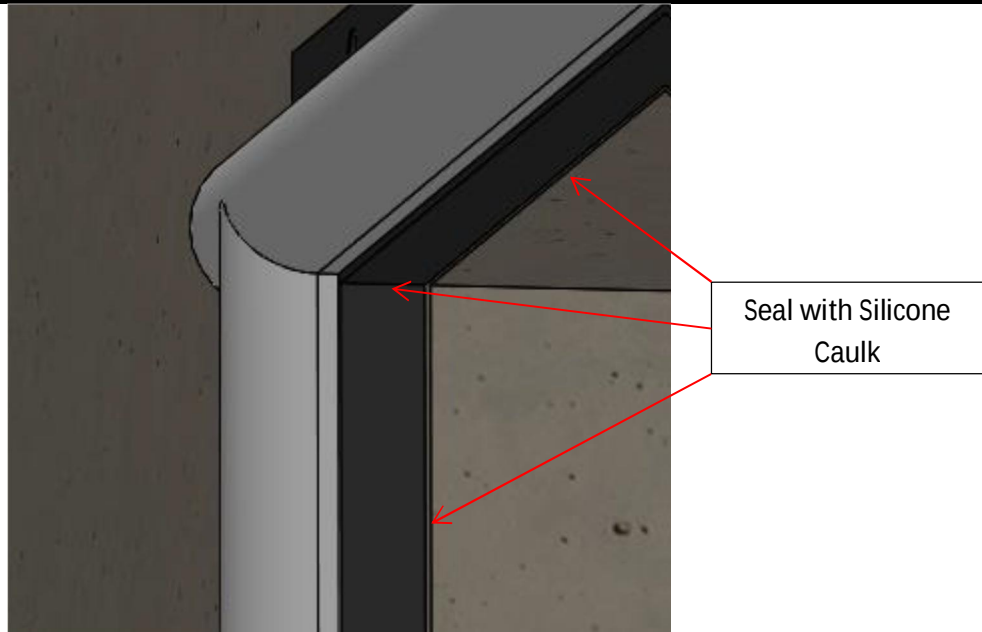
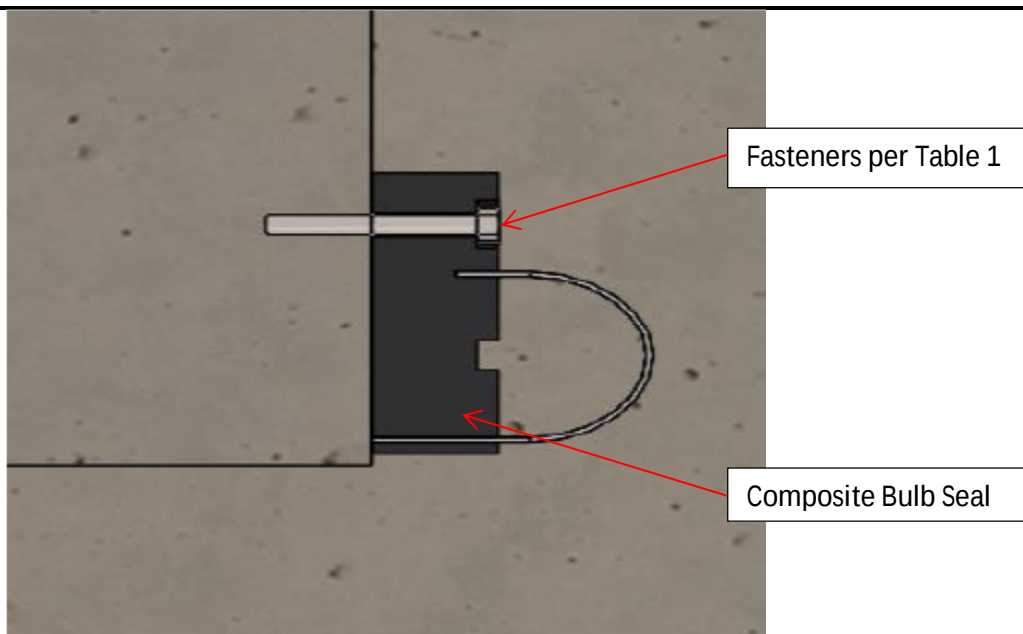


Figure 14

Other Changes to manual:

1. Table of Contents – delete “Bulb Seal Frame” title
2. Page 4, Figure 4 – Delete word “Angles” on right side text
3. Page 4, Figure 5b – Replace with new Figure (see below)
4. Page 8, Heat Tape Routing – NOTE: Heat Tape exits to the System 4 controller side of the door unless specified differently
5. Page 8, Figure 23 – Update figure to show “flush with to 1/8” above top of bulb seal composite backer”.
6. Page 8, Table 2, Single Slide – change text to “Align header edge $\frac{3}{4}$ ” in from outside edge of Bulb Seal composite backer (See Figure X5)
7. Page 8, Head Assembly Step 4 – change the text from “ $\frac{3}{4}$ ” to $\frac{7}{8}$ ” to “Flush with to 1/8” above top of bulb seal composite backer”.
8. End – revise figure numbers and TOC as needed



New Figure 5b

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.