

LIGATURE RESISTANT FLUSH VALVE COVER

#FV600

Installation Instructions

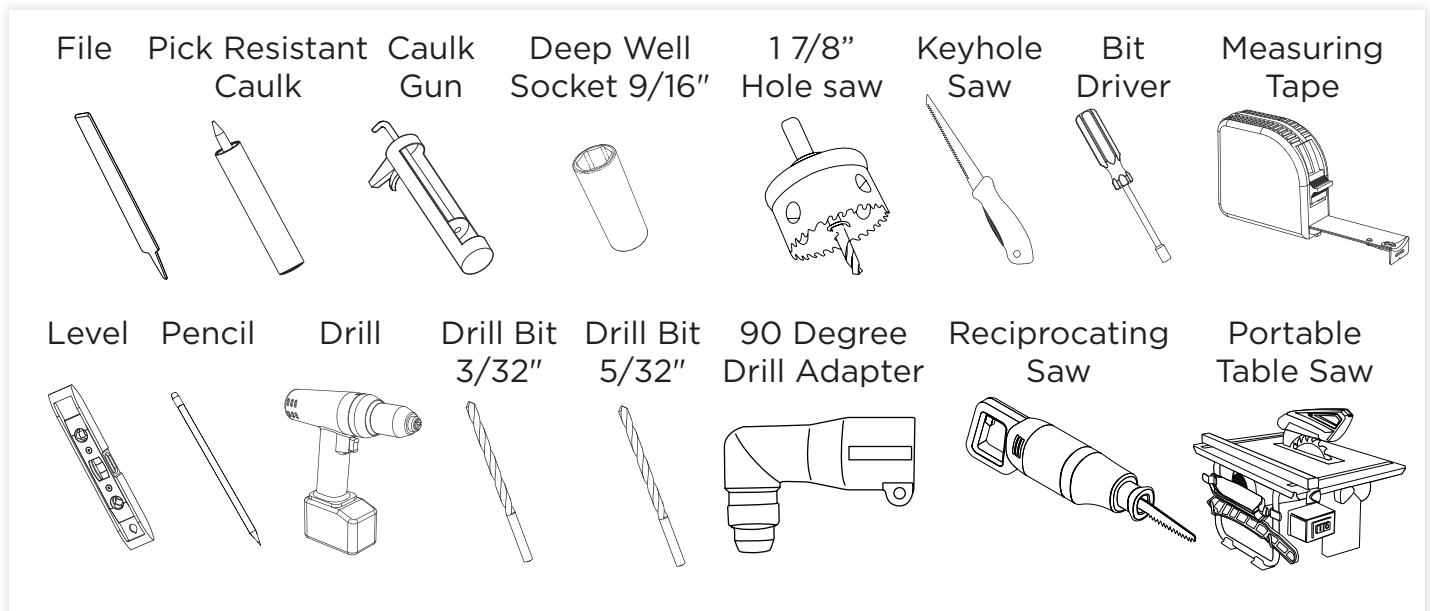
This one piece unit has a fixed width, and can simply be offset to the opposite side of the lever handle. The bottom can be left intact and mounted at existing height, or can be cut off and slid inside the top portion for height adjustment. The back can also be cut off for depth adjustment. It has a sloped top with rounded edges and corners and can be easily field cut to fit varying flush valve dimensions. Comes complete with angle bracket, security screws, and filler patch for lever handle cut out. Is sealed to accommodate standard cleaning compounds/chemicals. White, high impact, abuse-resistant, heavy gauge material.



Contents of Package

- Flush Valve Cover with Filler patch
- 2 angle brackets
- 20 Torx security screws with driver bit

Tools and Supplies



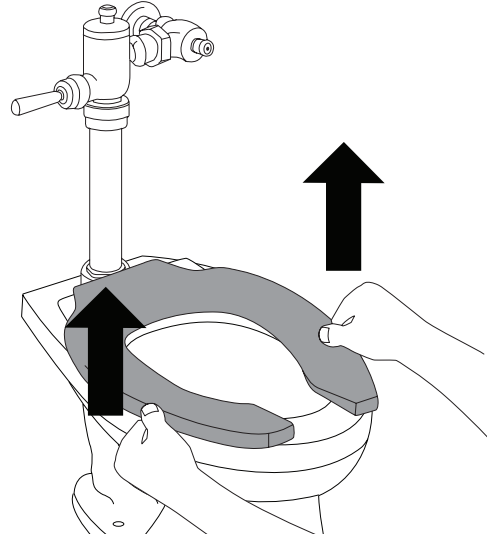
IMPORTANT

- BSP does not recommend use of impact drivers with any of it's products due to possible damage to product)

INSTALLATION

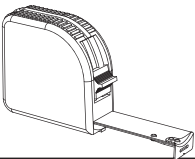
1. Remove seat and cover toilet opening to prevent debris from falling in the toilet. If you are planning to use a push-button activator instead of a lever handle, do so at this time.

Note: The following instructions are for a flush valve lever handle. If using a push-button, the offset dimensions will need to be altered accordingly.

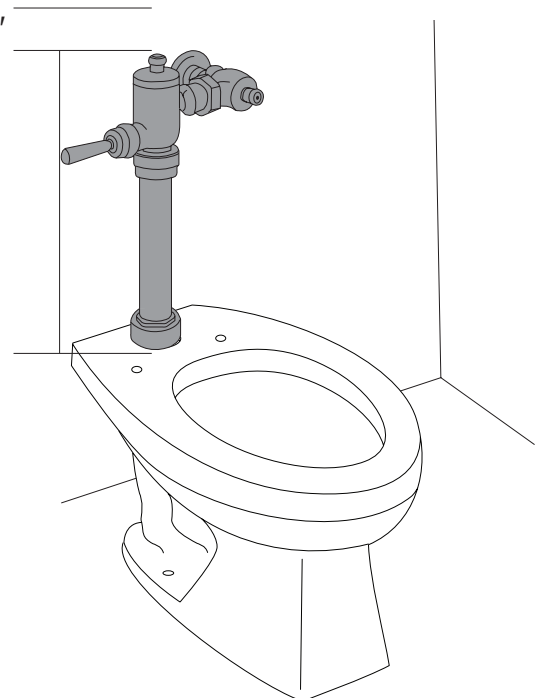


2. To begin, measure from the top of the bowl to the top of the flush valve. Add 4" to this measurement to allow for the slope of the cover (i.e., 15" plus 4" equals a 19" full cover height).

Measuring
Tape



Add 4"

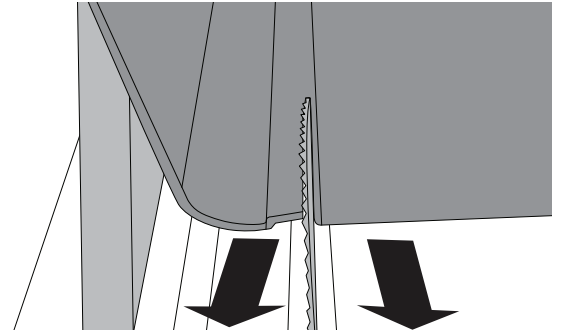
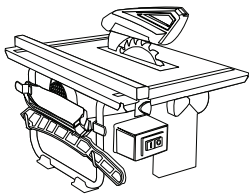


CUT COVER

3. If needed, separate the top and the bottom to prepare to reduce the height of the cover. Cut the top and bottom apart at the top of the recess molded into the cover as shown but do not discard the bottom.

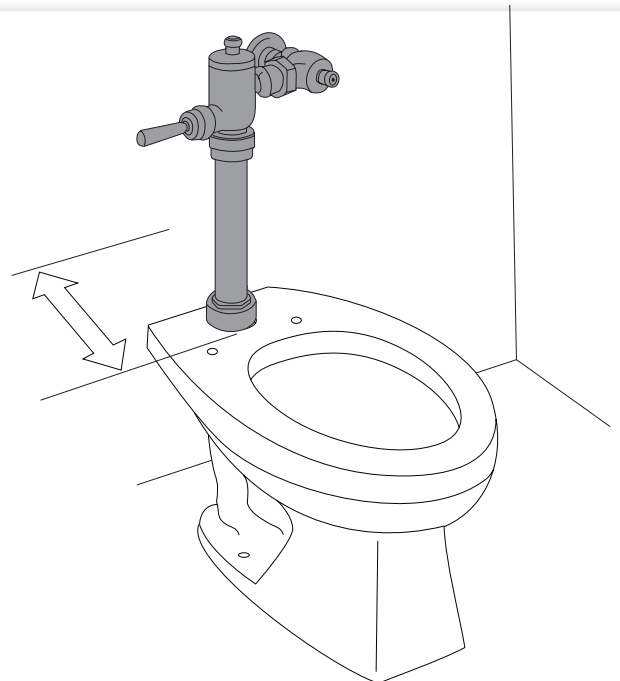
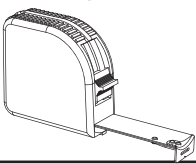
Note: We recommend that an +/- 8" tall wood guard be added to the table saw fence to allow straight cuts while holding the sloped portion of the cover—this will also greatly aid in cutting multiple covers.

Portable
Table Saw

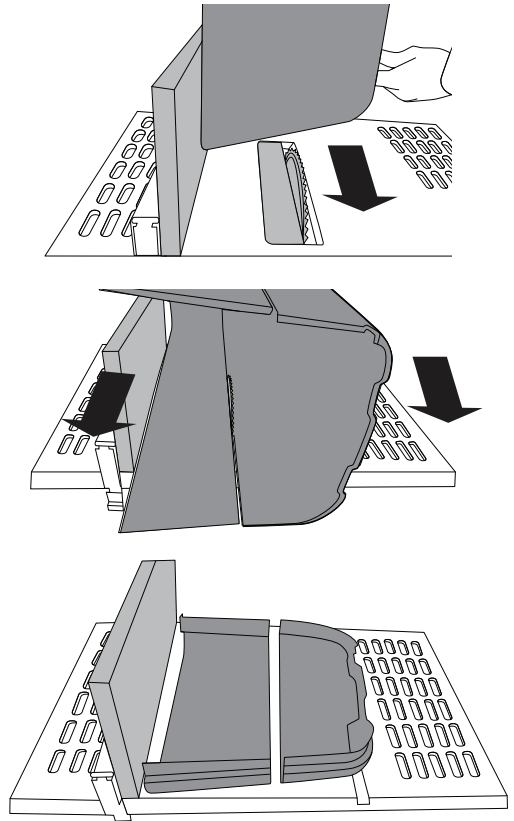
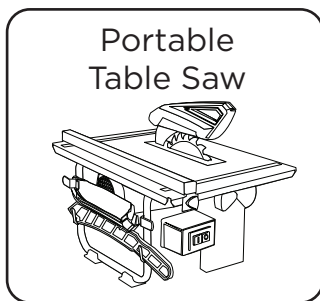


4. Measure the depth from the wall to the furthest point on the flush valve, including the toilet collar. For cut depth, add a minimum of 1" to allow for proper clearance (i.e., 4-3/8" measurement plus 1" clearance equals 5-3/8" total cut depth).

Measuring
Tape

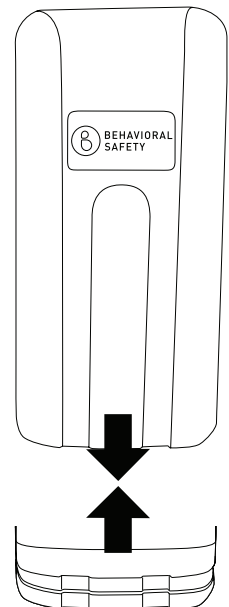
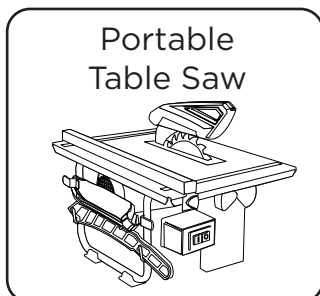


5. Adjust the cover depth by making a cut at the angle at the top of the cover then cut along the sides. After making these cuts, remove any excess or loose material with a file or sandpaper. Now cut the bottom of the cover that was removed in step 3 for the same depth.

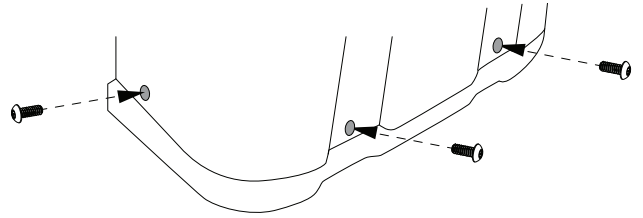
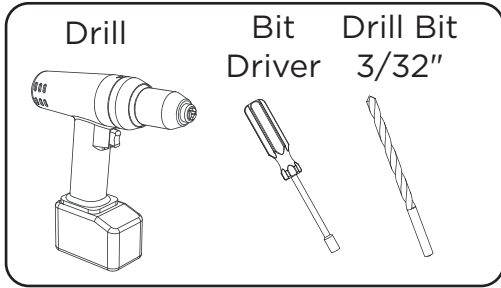


6. Before making adjustments for height, place the bottom section of the cover removed in step 3 back into the top cover and slide them together until the edges abut. The top cover fits over the step on the bottom cover as shown.

Measure the total length of both the top and bottom pieces together. The cut for the height will be the total length needed minus the height of the bottom cover (i.e., 19" total height, minus 2" for the height of the bottom cover equals 17" top cover height.)



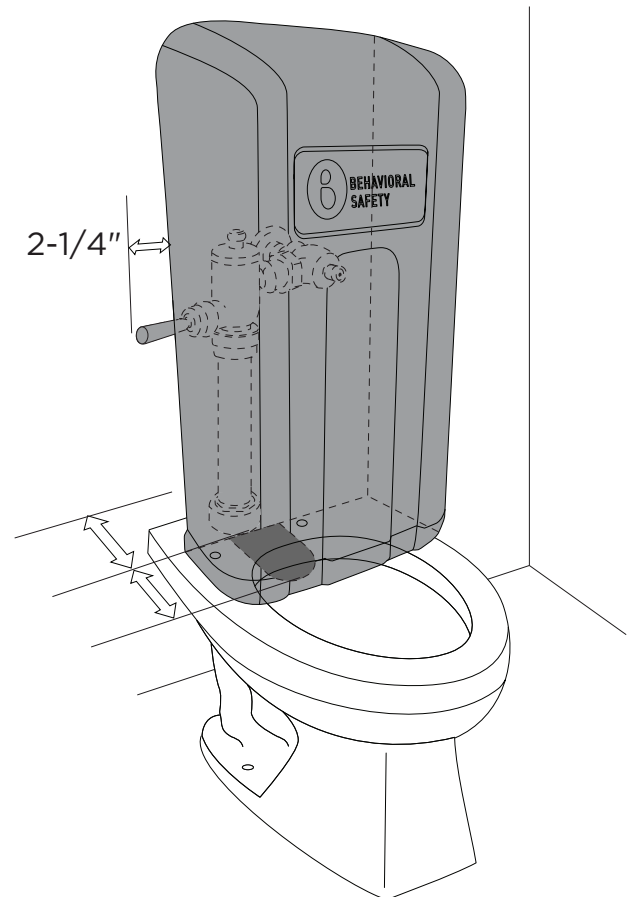
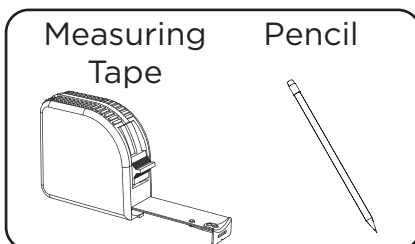
7. Place the bottom cover into the top cover and pre-drill $\frac{3}{32}$ " holes thru both the top and bottom sections and attach the two with security screws provided. Minimum: two in front and one on each side.



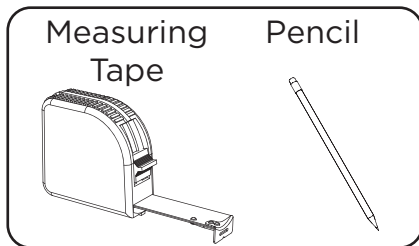
INSTALL FILLER PATCH

8. Set the assembled cover over the flush valve on the toilet. With the back of the cover abutted against the valve lever handle, offset the cover so that approximately $2\frac{1}{4}$ " of lever handle is protruding. Mark the edges of the collar on both sides of the bottom to cut out for the collar/riser pipe. Measure the depth from the wall to the front edge of the collar/riser and cut out an opening.

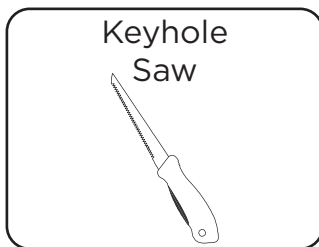
Note: If using a push-button, offset the collar cut the necessary amount to allow for the push button protrusion.



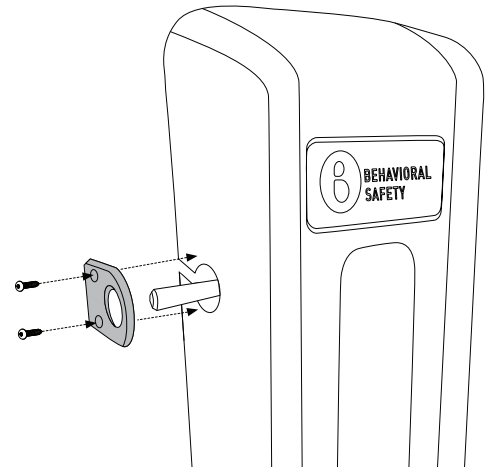
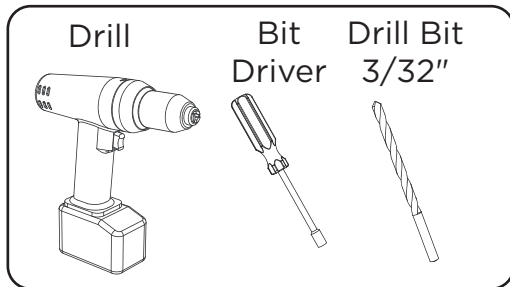
9. Push the cover against the flush valve handle and measure:
- The height from the toilet to the center of the handle and,
 - The distance from the wall to the center of the flush handle.
 - Mark the location measured on the cover



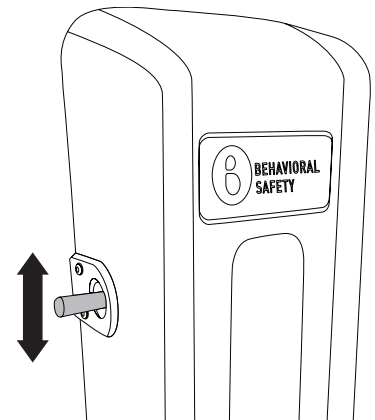
10. Then use a 1-7/8" hole saw to cut a hole for the flush valve lever handle or push button. If using a lever handle, make a slit in the side of the cover going to the hole so that the cover can be placed against the wall.



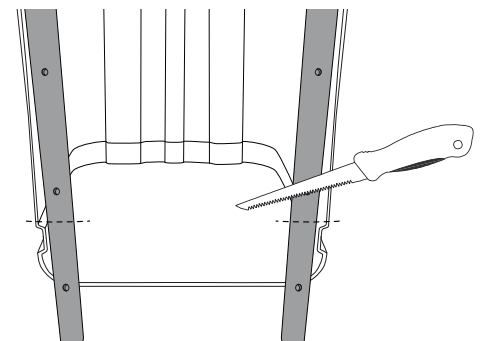
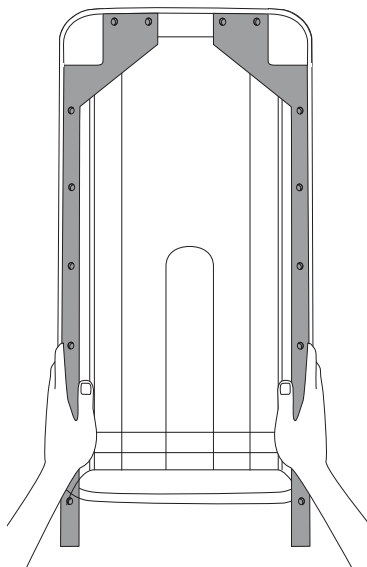
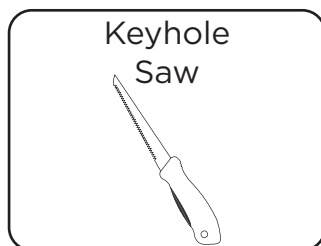
11. Next, mark and cut the depth of the filler patch for the slit that you just made. Hold the filler patch against the wall and pre-drill thru the filler patch and flush valve cover with a 3/32" drill and install 2-4 screws.



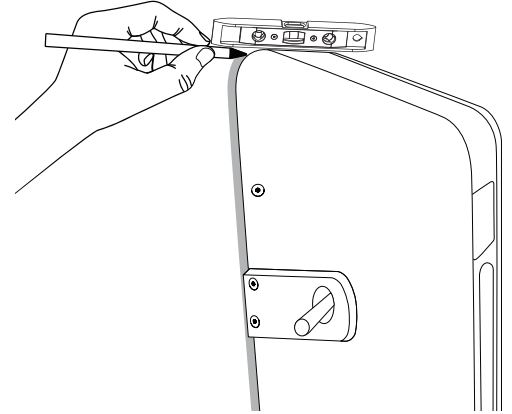
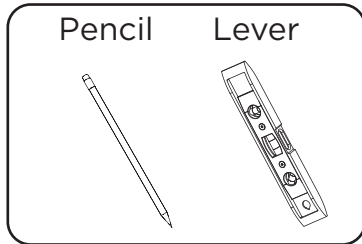
12. Place the cover against the wall with the flush valve handle protruding enough to allow for a proper flush. Test the flush handle with a 2-1/4" protrusion out from the filler patch. If this is not sufficient, offset the cover sideways toward the flush valve to allow an appropriate flush action.



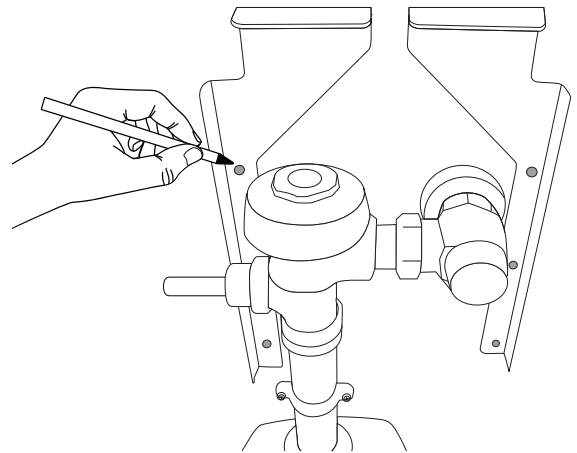
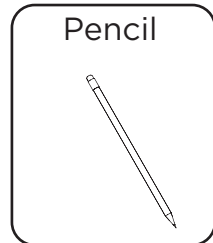
13. Set metal brackets into the cover and be sure the top and sides are flush with the inside of the cover. Mark and cut the bottom of the bracket just above the step on the bottom cover as shown.



14. Plumb the cover against the wall with a level and mark it with a pencil at the top and sides. Remove the cover and move the sides (vertical lines) and the top (horizontal line) in toward the center of the cover approximately 1/8" each.

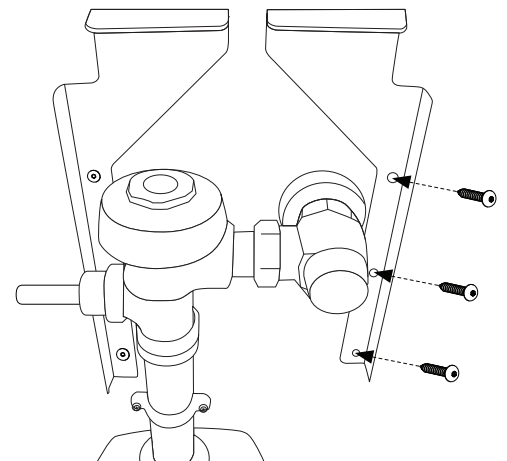
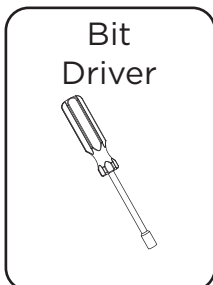


15. Place the aluminum brackets on these new lines and mark the holes through the brackets on the wall.



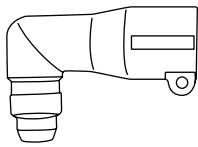
Note: Lead tipped zipit inserts work best to install in 5/8" sheetrock (be sure to know the approximate location of pipes within the wall to avoid them).

16. Install 1-2 fasteners for the horizontal portion of each bracket and 2-3 for the vertical portions. Now fasten the brackets to the wall.

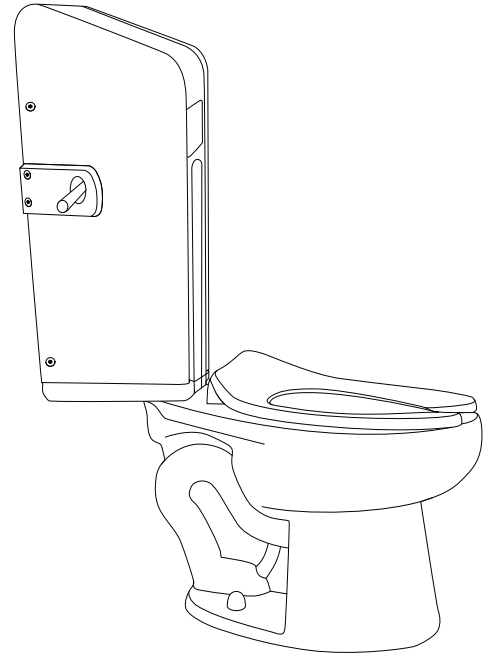
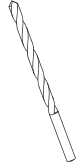


17. As you hold the cover to the wall against the brackets, begin to pre-drill using a 5/32" size drill bit through the cover and the aluminum angle brackets. Use a right angle drill if necessary. Place the provided security screws in the top and sides of the flush valve cover. We recommend a minimum of two at the top and three on each side.

90 Degree
Drill Adapter

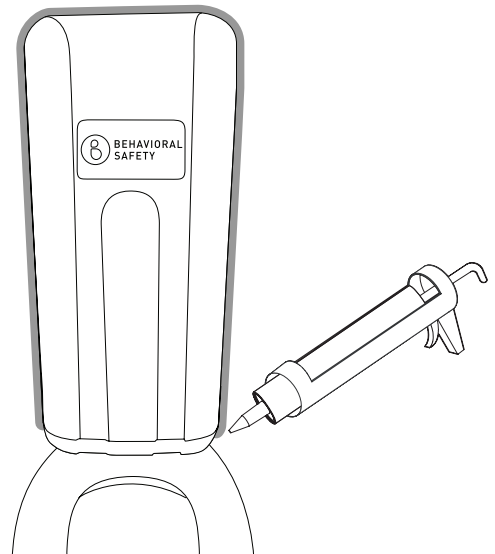
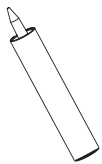


Drill Bit
5/32"



18. The install is now complete. Caulk joints as necessary for any sidewall gaps.

Pick Resistant
Caulk



IMPORTANT

This fixture must be mounted on the wall. The outer edges must be flush with the wall surface and all edges including the filler patch must be CAULKED WITH PICK-RESISTANT CAULK.

WAIVER AND DISCLAIMER:

This waiver-disclaimer is attached to and made a part of the written contract to purchase these products for use in psychiatric and correctional facilities. Such fixtures and products are purchased to reduce the risk of self-imposed death or injury to patients or clients in such facilities, but are NOT represented as able to prevent such death or injury.

Behavioral Safety Products, LLC ("BSP") as the seller of these products have not, and will not represent or warrant to the purchaser shown in this contract ("Purchaser") that its fixtures and products will prevent death or injury in any case whatsoever.

BSP makes no express or implied warranty with respect to the preventative quality of its products, but merely represent that the use of such products tends to reduce deaths and injuries by patients or clients who are subject to meticulous screening processes and diligent supervision on the part of the facility housing them.

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