

FLUSH TRIM RING For flush to floor Cover Installation

INSTALLATION INSTRUCTIONS

Cat. No. 668-TRIM-XXX

(XXX denotes color, ALM, BRS, BLK, BRN and BGE)

IMPORTANT: Read all instructions before installing the 668-TRIM-XXX Trim Ring.

Tools Required:

- Torque Limiting Screwdriver (5 to 15 in lb. range) Philips Drive
- Chisel for Concrete
- 9 mm Open End Wrench

⚠ WARNING ⚠
ELECTRICAL HAZARD!
BE SURE POWER IS OFF!

Materials Required:

- Plumbers Putty
- Sanded Grout to match Surrounding Floor / Grout Color

Application:

Use the 668-TRIM-XXX Trim Ring to install the 668-CST-XXX Concealed Service Top (**Cover**) flush to the finished floor.

For use on the 668-S (**Floor Box**).

IMPORTANT: 668-TRIM-XXX (**Trim Ring**) should be used on hard finished floor only: wood, ceramic tile, marble, or a concrete finished floor. Trim Ring should not be used on carpeted or sheet vinyl floors.

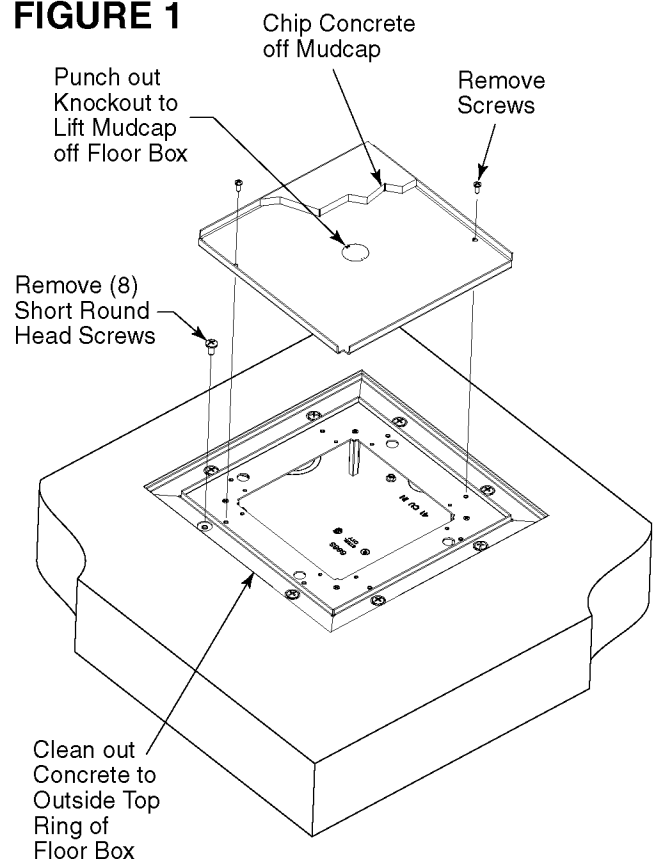
Floor Box Preparation-Activation

(See Fig 1 for all steps)

1. Chip concrete off of mudcap.
2. Remove mudcap screws and punch out knockout (lift hole) in center of mudcap.
3. Use hole and lift mudcap off floor box.
4. Chip and clean out remaining concrete to the outside top ring of floor box.
5. Clean concrete off the heads of the (8) 1/4-20 short round head screws and remove.
The floor box is now ready to install Flush Trim Ring and Cover.
6. Install finished floor (ceramic tile, wood or marble) to edge of concrete leaving a 12 in. x 12. in square opening in finished floor.
7. The floor box is now ready to install Trim Ring and Cover.

IMPORTANT: Do not use or plumbers putty when checking fit of cover and trim to box.

FIGURE 1



Pre-Assembly: Check for Fit (See Figure 2 and 3)

(Cover and Trim can be installed flush to concrete or flush to finished floor if desired).

1. Insert and fully screw the (8) 1/4-20 x 1-1/2 in. flat head leveling screws into the (8) threaded holes adjacent to outside top ring on Floor Box.
2. Place Trim Ring onto top of leveling screws. Adjust leveling screws until top surface of trim is level to top of finished floor.
3. Place cover onto into recessed area of Trim Ring.
4. Make sure cover flange sits flat in recessed area in Trim Ring.
5. Make certain mounting holes in Cover align with Mounting holes in Floor Box.
6. Remove Cover and Trim Ring.

Note: If cover and trim are to be installed directly on a concrete floor, repair spalling and cracking using a no-crack concrete patch as required.

Final Assembly of Cover and Trim Ring Flush to Concrete Floor (No floor covering). (See Figures 2, 4 and 5)

- Step 1) Check surface of concrete around floor box and repair any spalling or cracking using a no-crack concrete patch. Make sure metal surfaces of floor box are clean. Apply a dam of plumbers putty (not included) onto metal surface of floor box to 1/8" above top of leveling screw heads to block water entry.
- Step 2) Press Trim Ring down onto leveling screws until top of ring is flush to surface of concrete floor. Fill holes in ring with with plumbers putty. Apply a 3/16" dia. bead of putty around top recessed flat area Trim Ring. Align holes in Cover Flange to mounting holes in floor box and place onto Trim Ring. Lubricate (4) cover mounting screws with a small amount of petroleum jelly (not included) and insert through Cover Flange into floor box. Manually start each screw into the floor box.
- Step 3) Press Cover down flush to Trim Ring. Tighten each cover mounting screw to 14-15 in. lbs. of torque. Apply sanded grout into gap around Trim Ring.

Final Assembly of Cover and Trim Ring Flush to Ceramic Tile, Marble or Wood Floor. (See Figures 2, 4 and 6)

- Step 1) Apply a dam of plumbers putty (not included) onto metal surface of floor box to 1/8" above top of leveling screw heads to block water entry.
- Step 2) Press Trim Ring down onto leveling screws until top of ring is flush to surface of finished floor. Fill holes in ring with with plumbers putty. Apply a 3/16" dia. bead of putty around top recessed flat area Trim Ring. Lubricate (4) cover mounting

screws with a small amount of petroleum jelly and insert through Cover Flange. Thread all (4) hex nuts 1/2" onto all screws. Align screws in Cover Flange to mounting holes in Floor Box and place onto Trim Ring. Manually start each screw into the floor box.

- Step 3) Press Cover down flush to Trim Ring. Tighten each cover mounting screw to 5-6 in. lbs of torque.

IMPORTANT! – Over tightening cover screw may deform cover flange

- Step 4) Rotate all hex nuts until they are up against bottom of Cover Flange. Hold each cover screw with a screw driver and apply an additional 1/2 turn on each nut using an open end wrench.

FIGURE 2

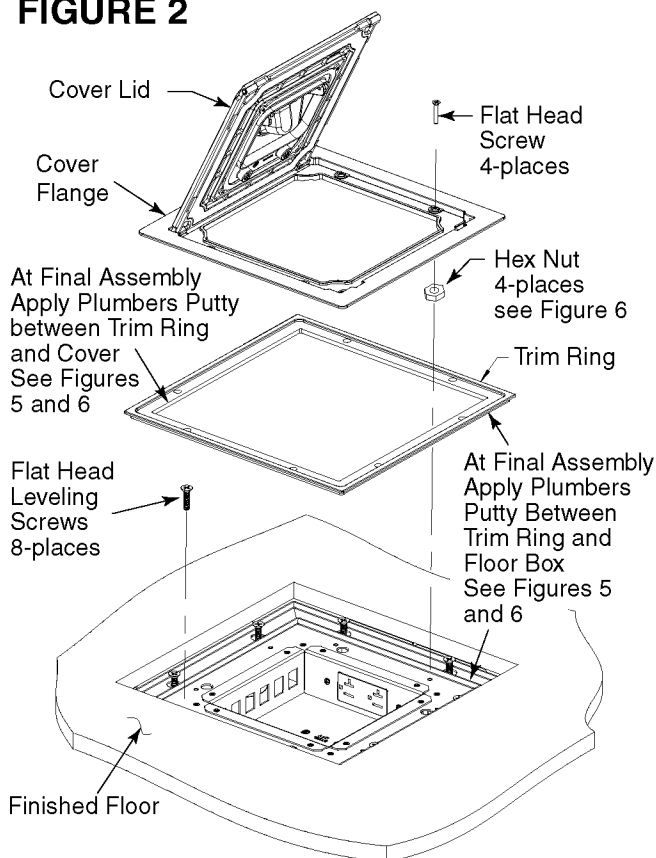


FIGURE 3 Pre-assembly Check for Fit (No Plumbers Putty)

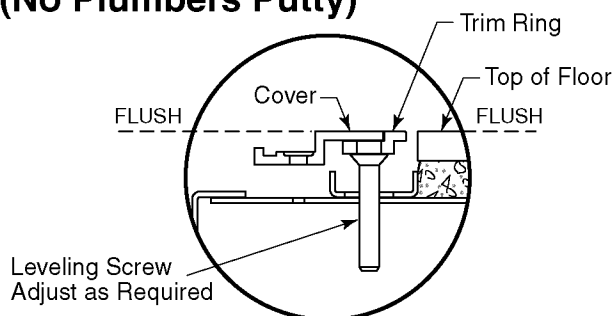


FIGURE 4
Section Views of Flush Cover
Installation (See Figures 5 and 6)

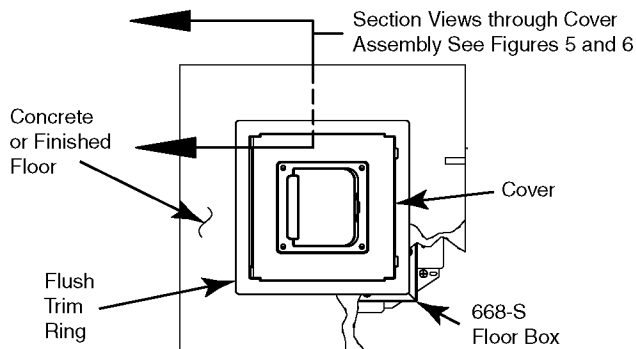
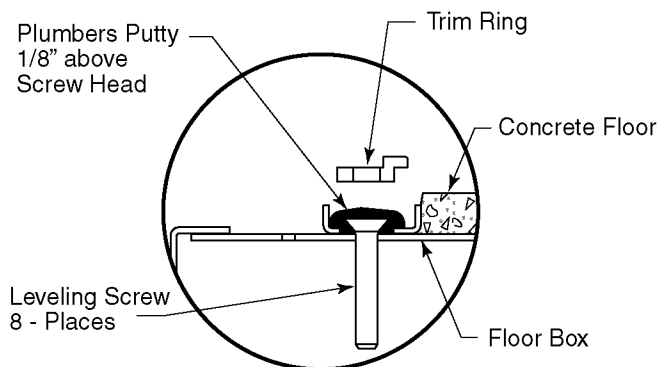
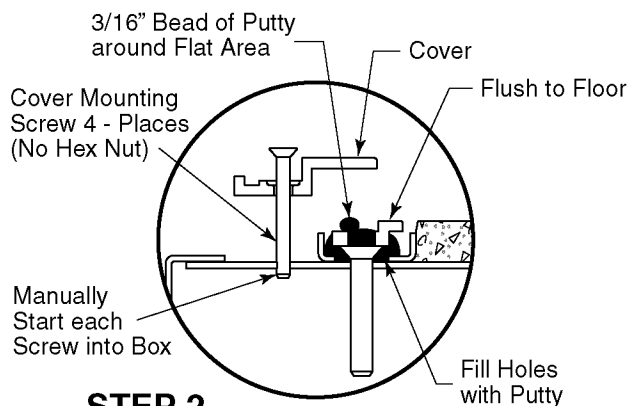


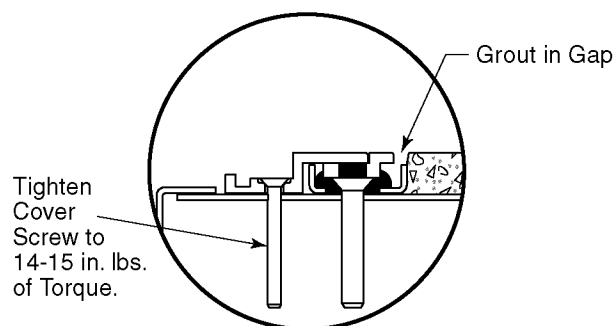
FIGURE 5
Installing Flush to Concrete Floor



STEP 1

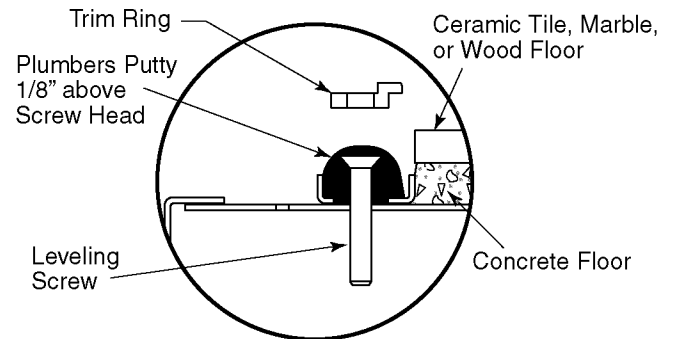


STEP 2

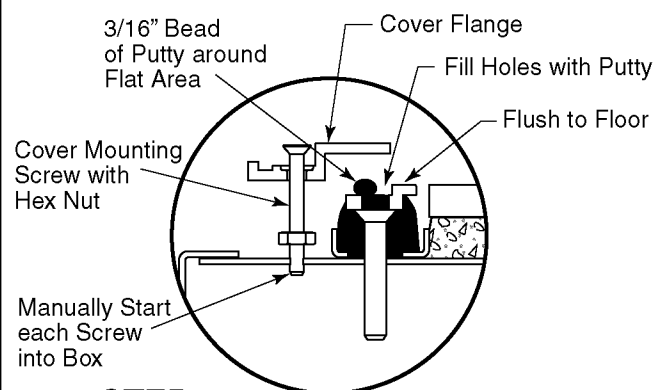


STEP 3

FIGURE 6
Installing Flush to Ceramic Tile,
Marble, or Wood Floors

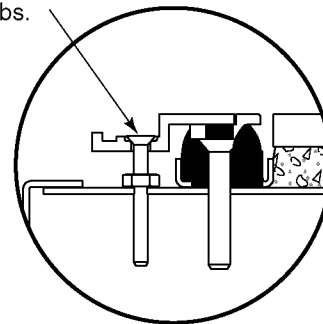


STEP 1

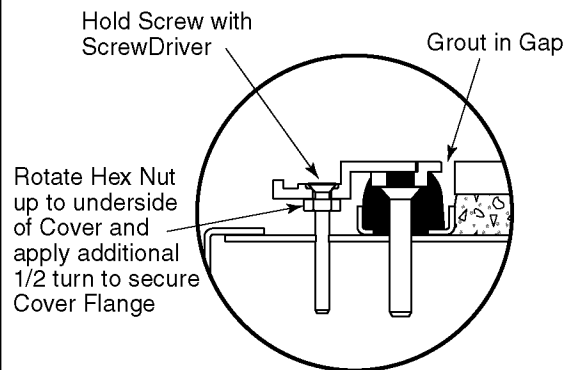


STEP 2

Tighten Cover Screw
to 5 - 6 in. lbs.
of Torque



STEP 3



STEP 4

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