



SINGLE GANG SOLID SURFACE MOUNTING PLATFORM INSTALLATION GUIDE

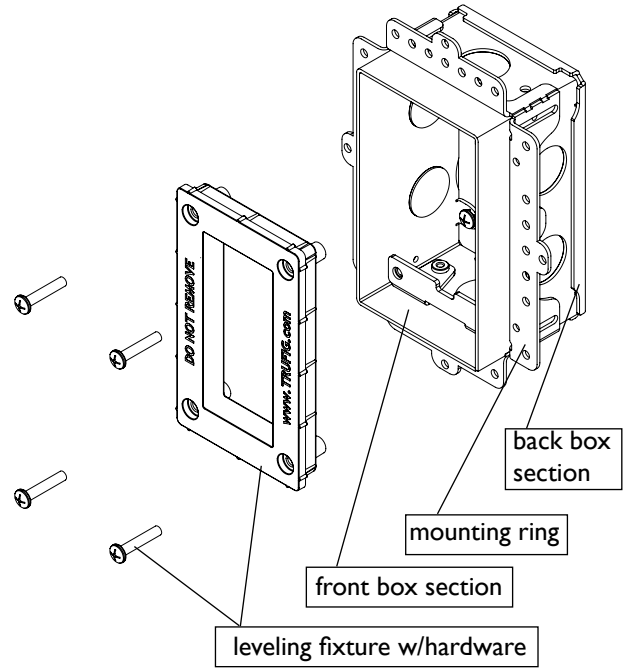
TRUFIG

This package contains:

- 1 - metallic outlet box
- 1 - leveling fixture (attached to the outlet box)

This electrical enclosure is ETL certified to UL 514A (#3174272)

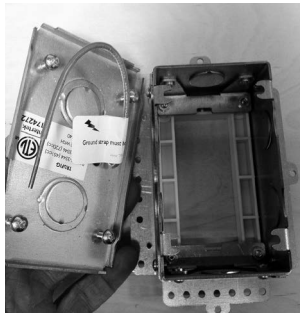
This electrical enclosure is not intended for damp or wet locations



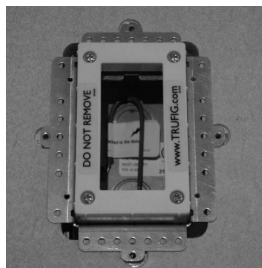
Trufig metallic outlet boxes are designed so that they can be separated in two sections to simplify and facilitate the work methods of electricians, carpenters, and stone masons. For purposes of these instructions we will refer them as front box section and back box section. Each metallic outlet box is shipped with a shallow back box section (total box volume w/shallow box is 451 cc) Deeper back box sections are sold separately and are available for purchase from TRUFIG (total box volume w/deep box is 720 cc). The shallow back box sections have 1/2" [13mm] and 3/4" [19mm] knockouts on the backside, while the deeper back box sections have knockouts on both the back and all four sides. The electrician should choose the box size, clamp location, and type of clamp appropriate for the local building codes and construction type.

SETUP & PREWIRE

1 Remove product from box and separate the front box section from the back box section by removing the four screws inside the box at each corner. Important: Be sure to re-install the screws into the back box section so that they are readily available when it is time to reattach the two portions of the box. The front box section will be used by the carpenter or stone mason, and the back box section will be used by the electrician.



2 Cut an opening in the sub-wall for a single gang (1G) outlet box approximately 3-5/8" wide by 5-1/2" long. Note: this opening is NOT the finished opening. This is an opening in the sub-wall to allow for clearance around the enclosure in the subwall.



Important: National Electric Code (NEC) Section 314-23 requires that an electrical enclosure be rigidly mounted to the structure by mechanical means. The cutout above is optimized to insure a mechanical coupling of the electrical box perforated collar between the primary wall surface and

the sub-wall. When using adhesive to attach the front box section to the finished wall it is critical to cut the sub-wall openings according to the dimension listed above in order to insure NEC compliance.

3 Attach cabling to back portion of the electrical box using appropriate connectors. The electrical enclosure is designed to work with both rigid conduits and flexible wiring systems. Once wiring is terminated into the enclosure, bundle wiring within the confines of the back box. Conduit is not required - unless required by local building code.

4 At this point your TRUFIG electrical enclosure is now prewired and the finished solid surface material is ready to be cut and the box is now ready to be mounted to the finished material. Next, refer to the appropriate section on the backside of this guide for instruction on how to finish the install.

ACCESSORIES

The following accessories are available from TRUFIG to assist with the install process:

- 1G Router Template (#50035) - a rigid plexiglass template that assists with precise handheld router cutting
- 1G Back Box Extension (#50043) - enlarges the size of the outlet box to 720 cc and provides more knockouts.

STONE INSTALL

For helpful install videos go to trufig.com/installlanding.

1 **The opening in the stone must be precise. It is required that the stone be cut in a factory setting using a water jet process.** TRUFIG provides electronic CAD files downloadable from www.trufig.com specifically for this purpose. Once the stone is cut and delivered to the job site proceed to the following step.

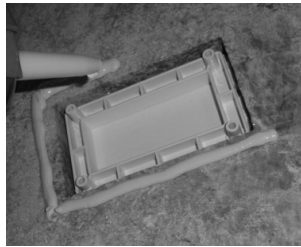
2 Using a flat surface, clean and free of debris, place the front box section face down inside the opening of the stone. The perforated mounting ring should be loosely attached to the box. Note the level fixture within the metallic box. This part is used to center the front collar in the stone top to bottom, left to right, and set back the proper distance from the front surface of the stone to allow room for the fascia.



3 Push the front box section down until the leveling fixture makes full contact with the flat surface. Next, push the mounting ring down until it makes full contact with the back of the stone. Holding both parts down firmly, tighten the four screws between the front box section and the mounting ring.



4 Remove the outlet box assembly from the stone. Then, using a strong adhesive such as Liquid Nails for Stone & Masonry, Superior Poly-Epoxy paste or 3M Scotch-Weld DPI100 epoxy, lay a bead around the opening in the stone.



5 Re-insert the outlet box assembly, pushing down firmly until the adhesive pushes through the perforations in the mounting ring flange. Once the outlet is seated in the opening put a weighted object on the front collar, and allow the adhesive to cure. The stone panel assembly is now ready to be attached to the wall and the two portions of the metallic outlet box secured together.



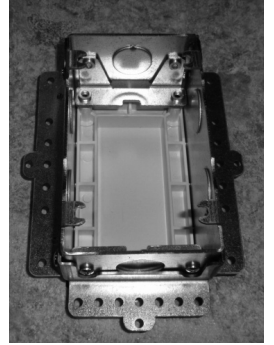
6 Install the stone to the sub-wall using acceptable industry practices. Remove the box setting fixture. Reattach the front section to the back section of the metallic box. The metallic outlet box assembly is now ready for the trim components to be installed.

WOOD INSTALL

For helpful install videos go to trufig.com/installlanding.

1 **The opening in wood must be precise, therefore the openings should be cut using a TRUFIG router template (sold separately), or a CNC machine.** Once the wood is cut proceed to the following step.

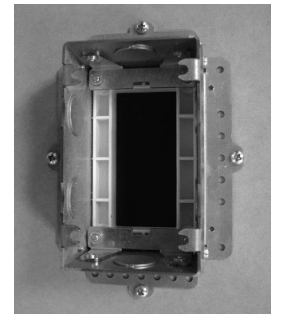
2 Using a flat surface, clean and free of debris, place the front box section face down inside the opening of the wood. The perforated mounting ring should be loosely attached to the box. Note the level fixture within the metallic box. This part is used to center the front collar in the wood top to bottom, left to right, and set back the proper distance from the front surface of the wood to allow room for the fascia.



3 Push the front box section down until the leveling fixture makes full contact with the flat surface. Push the mounting ring down until it makes full contact with the back of the wood. Holding both parts down firmly, tighten the four screws between the front box section and the mounting ring.



4 Pre-drill pilot holes through the perforated mounting ring and attach using #6 (or larger) wood screws of appropriate length. Attach the front box section to the wood paneling. The panel is now ready to install to the sub-wall using acceptable industry practices.



5 Remove the box setting fixture. Next, reattach the front section to the back section of the metallic box using the four #8 screws provided. The metallic outlet box assembly is now ready for the trim components to be installed.