



Floor Box Assembly

Cat. No. 5249
Rated: 15A - 125V

Cat. No. 5349
Rated: 20A - 125V

Cat. No. 25249
Rated: 15A - 125V

Cat. No. 25349
Rated: 20A - 125V

Installation Instructions

PK-93600-10-00-0C

TO INSTALL

WARNING: TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!

WARNING: TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.

WARNING: IF YOU ARE UNSURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONTACT AN ELECTRICIAN.

CAUTION: USE THIS DEVICE WITH COPPER OR COPPER CLAD WIRE ONLY.

CAUTION: ELECTRICAL BOX NOT SUITABLE FOR MASONRY APPLICATIONS.

CAUTION: SUITABLE FOR WOOD FINISHED FLOORS AND INDUSTRIAL CARPET 3/8" (1.0 CM) THICKNESS ONLY.

CAUTION: USE ONLY ELECTRICAL MOUNTING BOX PROVIDED.

- 1A. For Cat. Nos. 5249/5349 Only – Single Receptacle:** Cut an opening for mounting the box by using **Floor Template A** (also refer to **Figure 1**).
- 1B. For Cat. Nos. 25249/25349 Only – Duplex Receptacle:** Cut an opening for mounting the box by using **Floor Template B** (also refer to **Figure 1**).

Assemble the two (2) mounting brackets to box. **NOTE:** Brackets must be positioned all the way "UP" for Single Receptacle mounting (unless Alternate Construction is applicable), (refer to **Figure 15**), or all the way "DOWN" for Duplex Receptacle mounting (refer to **Figure 16**). Tighten screws firmly (refer to **Figure 2**).

2. Remove the desired knockout(s) in box. Pull the conductors through the opening leaving 6" (15.2 cm) protruding through the outside of the box (refer to **Figure 3, 4 and 4A**).

- 3A. For Bare Floor Installation, proceed to Step 5.**
- 3B. For Carpet Installation Only:**

NOTE: All-purpose sealing compound is not provided, but is required.

Before mounting the electrical box provided, cut carpet using **Template A** for single receptacle or **Template B** for duplex receptacle. Clean surface to be bonded or sealed of all matter. Spread all-purpose sealing compound under floor box mounting ears (refer to **Figure 3**).

4. Secure electrical box with four #6 x 1" (2.5 cm) screws (refer to **Figure 3**).

- 5. Wire the receptacle as follows:**

NOTE: Terminals accept up to #10 AWG copper or copper clad wire.

Side Wiring (single and duplex receptacle):

- Remove insulation on each conductor end to expose 3/4" (1.9 cm) bare copper wire (refer to **Figures 4**).
- Connect wires as follows: Black (Hot) to Brass screw. White (Neutral) to Silver screw. Green or bare (Ground) to Green screw.
- Loop each wire clockwise 3/4 turn around each terminal screw. Tighten screws to 12 in.-lbs. of torque. Cut off any loose strands not secure under screw head.

Back Wire (duplex receptacle only):

- Remove insulation on each conductor end to expose 1/2" (1.3 cm) bare copper wire (refer to **Figure 4A**).
- Connect wires as follows: Black (Hot) into hole next to Brass screw hole. White (Neutral) into hole next to Silver screw. Loop Green or bare copper (Ground) clockwise 3/4 turn around Green terminal screw. Tighten all terminal screws to 12 in.-lbs. of torque.

6. Mount receptacle into the electrical box by firmly tightening two (2) long mounting screws. Place the plastic shell over the receptacle (refer to **Figure 5**).

- 7A. For Bare Floor Installation, proceed to Step 9.**
- 7B. For Carpet Installation Only:** Spread all-purpose sealing compound approximately 1" (2.5 cm) all around floor opening (refer to **Figure 6**).

Place carpet over floor ensuring that the sealing compound is under carpet, around all sides of carpet cut-out (refer to **Figures 7 and 8**). Remove extra compound if necessary.

Spread sealing compound all around inside of Brass floor plate (refer to **Figure 9**).

Place Brass plate over device (**DO NOT use gasket**). Assemble Brass screws by pushing on O-Seal washer onto each one (refer to **Figure 10**). Insert screws into Brass plate and tighten to 10 in.-lbs. of torque into strap. **Proceed to Step 10.**

- 8. For Bare Floor Installation Only (refer to Figure 10A):**

Place gasket covering components.

Place Brass plate over gasket. Assemble Brass screws by pushing on O-Seal washer onto each one (refer to **Figure 10A**). Insert screws into Brass plate and tighten to 10 in.-lbs. of torque into strap.

9. When using screw caps, make sure O-Ring is assembled (refer to **Figure 11-14**). Apply an all purpose lubricant (**not provided**) according to manufacturer's direction around O-Ring (refer to **Figures 11-14**). Mount screw cap assembly onto Brass plate (refer to **Figures 11-14**).

10. Restore power at circuit breaker or fuse. **INSTALLATION IS COMPLETE.**

NOTES:

- To gain access to the receptacle, unscrew screw cap counter-clockwise using a wide blade [1/4" minimum (0.63 cm)] screwdriver. A quarter (coin) may also be used to minimize any possible damage to the cap.
- Leave screw cap on when the receptacle is not in use.
- Allow sealing compound to set according to manufacturer's instructions before exposing to water.

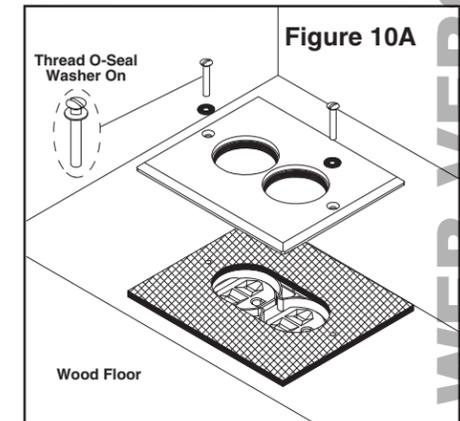
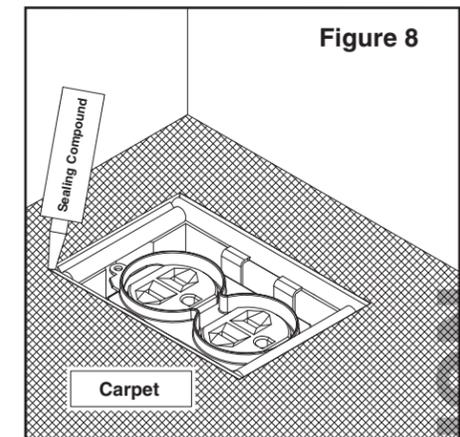
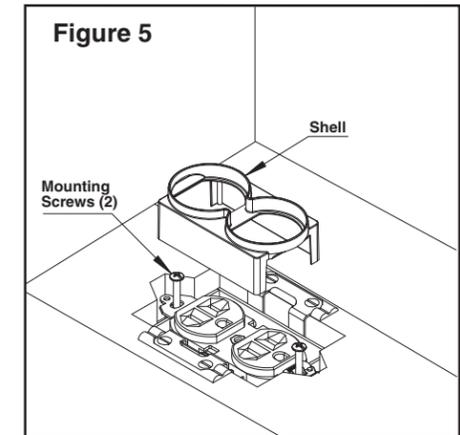
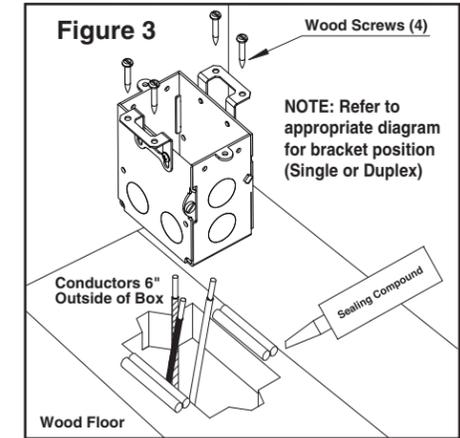
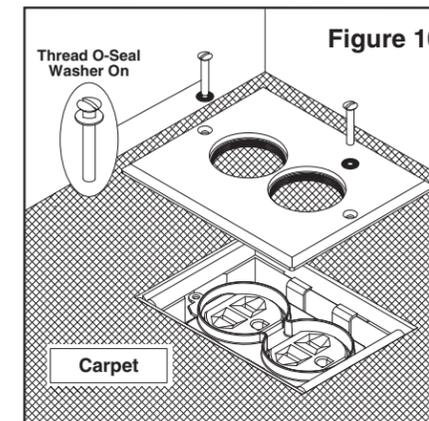
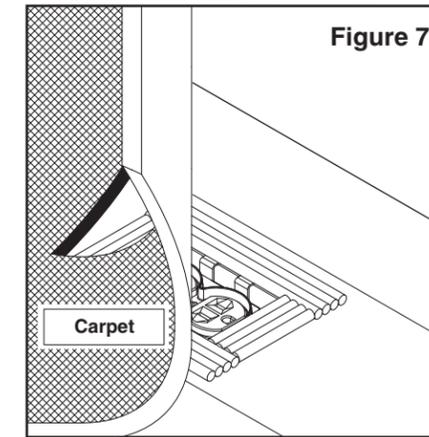
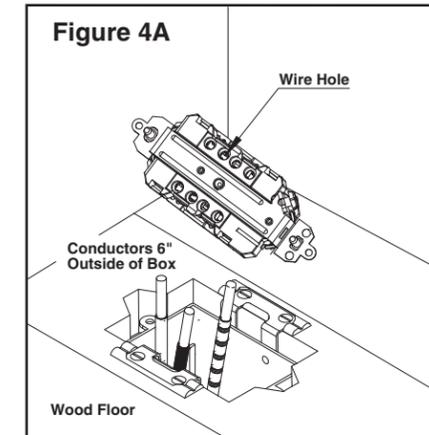
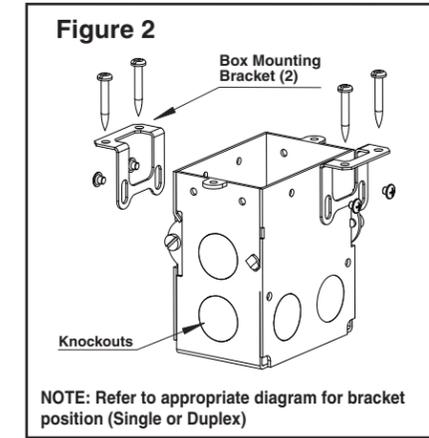
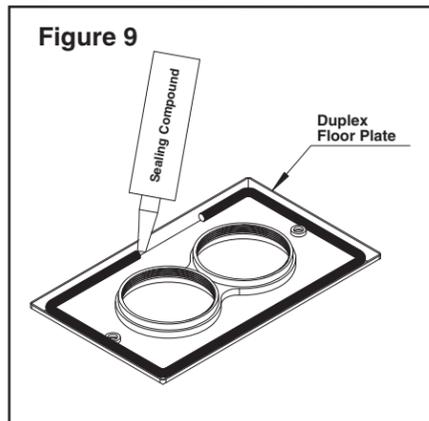
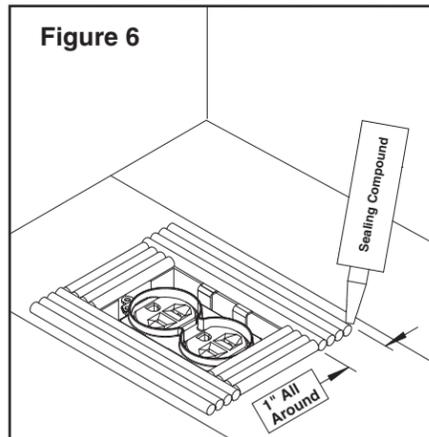
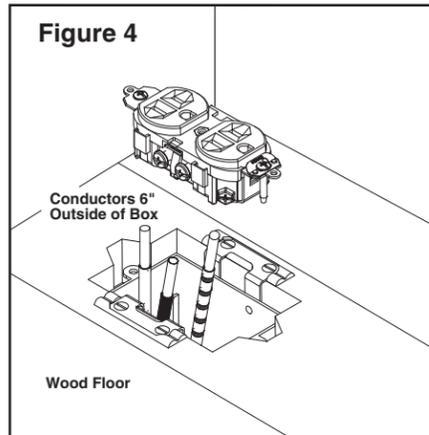
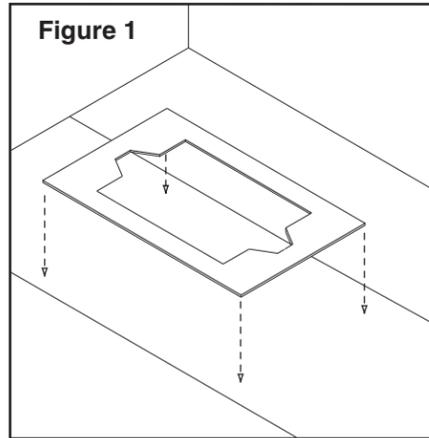
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WEB VERSION

