

ELECTRICAL HOOKUP INSTRUCTIONS FOR CB-12 / CB-12P CEILING BOX

WARNING: ENSURE BRANCH CIRCUIT POWER IS DISCONNECTED BEFORE INSTALLATION. THESE INSTRUCTIONS ARE INTENDED AS A GUIDE AND ARE NOT MEANT TO SUPERSEDE NEC OR LOCAL ELECTRICAL CODES.

INSTRUCTIONS FOR CONNECTION TO A 15 AMP BRANCH CIRCUIT:

- 1) A bag of parts, as shown below, is provided with each housing.



BAG OF PARTS INCLUDED WITH HOUSING

- 2) Remove the electrical box cover by removing the two retaining screws as shown in Figure 1. Save all parts for later reassembly.



Figure 1

- 3) Prepare duplex receptacles (two provided) by installing a 6" length of bare #14 AWG solid copper wire to the receptacle ground screw as shown in Figure 2. Tighten to specifications.

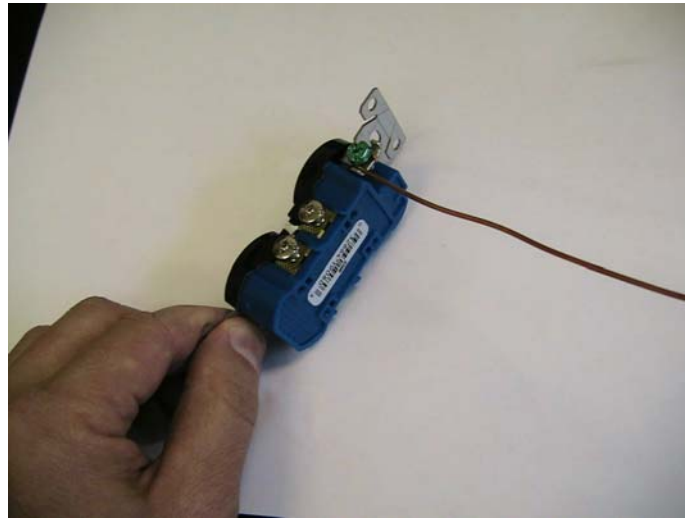


Figure 2

- 4) Install duplex receptacles in electrical box cover using supplied hardware noting orientation in Figure 3. Tighten all hardware to specifications.



Figure 3

- 5) Install prewired single receptacle in electrical box cover by passing attached wires through hole in cover and pushing fully into place. Note orientation of attached wires in figure 4.

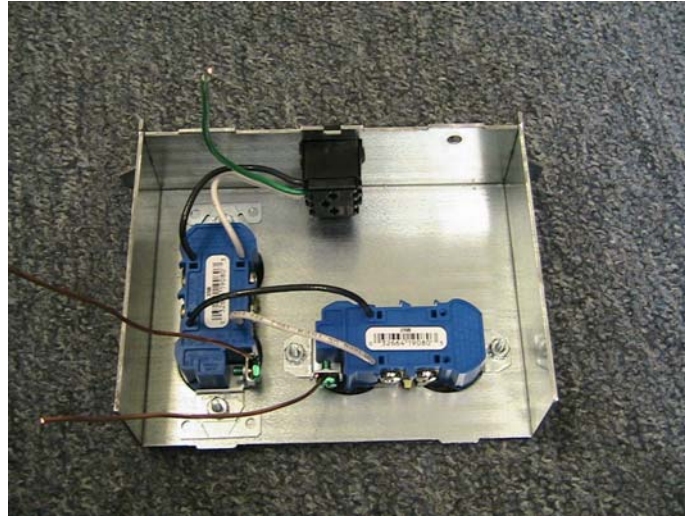


Figure 4

- 6) Push wire the single and duplex receptacles as shown in figure 4 using #14 AWG solid copper wire, noting applicable strip lengths and polarity.
- 7) Bring a 14 AWG copper branch circuit feed wire in through desired k/o and attach with appropriate clamp hardware. Un-sheath a suitable length (about 8-10") of wire.
- 8) Strip full length of insulation from the end of the branch circuit ground wire if it is insulated, and pass wire through supplied green ground bond wire nut. Form a loop at end of bare copper ground wire for attachment to chassis ground bond screw.
- 9) Strip 1" of insulation from the ground wire of the single receptacle. Join with the ground wires of the two duplex receptacles while holding the ends even. Push firmly into the green ground bond wire nut and twist in a normal manner, leaving about 2" from the looped wire end to the ground bond wire nut as shown in figure 5.



Figure 5

- 10) Attach the looped end of ground bond wire to the chassis ground screw as shown in figure 6 and tighten to specifications.



Figure 6

- 11) Connect incoming branch circuit 14 AWG copper line and neutral conductors to remaining push wire connection ports of duplex receptacle as shown in Figure 5. Note applicable strip length and polarity.
- 12) Reinstall the electrical box cover, taking care not to trap wires between the cover and the adjoining metal chassis. Reinstall and tighten the cover retaining screws removed in step 1.
- 13) Restore branch circuit power and test the polarity of all receptacles.