



Walker® Infloor Systems

RC3, RC7 & RC4 Receptacle Replacement INSTALLATION INSTRUCTIONS

Installation Instruction No.: 1 003 786R1 – Updated October 2003

Walker® electrical systems conform to and should be properly grounded in compliance with requirements of the current National Electrical Code or codes administered by local authorities.

All electrical products may present a possible shock or fire hazard if improperly installed or used. Walker electrical products may bear the mark as UL Listed and/or Classified and should be installed in conformance with current local and/or the National Electrical Code.

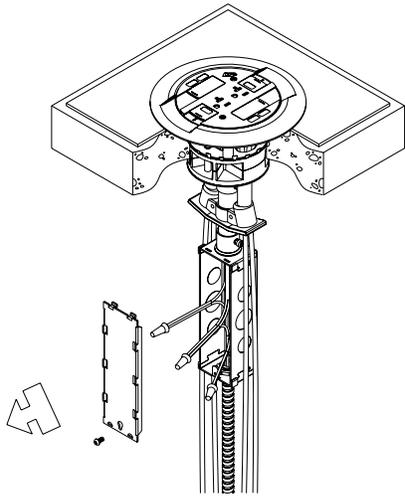
IMPORTANT: Please read all instructions before beginning.

Products Covered: RC37REC, RC4REC2, RC37REC-25 and RC4REC2-25

For use with: RC3TC, RC7TC, and RC4TC Series Poke-Thru Devices

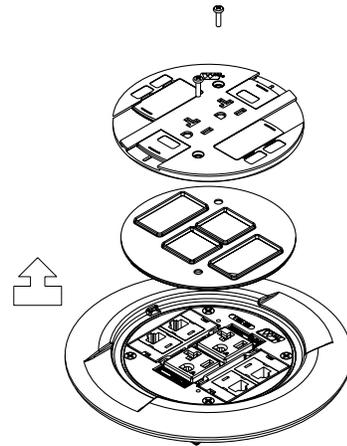
For RC3TC & RC7TC Series Devices

Step 1 Remove junction box cover and disconnect wires.

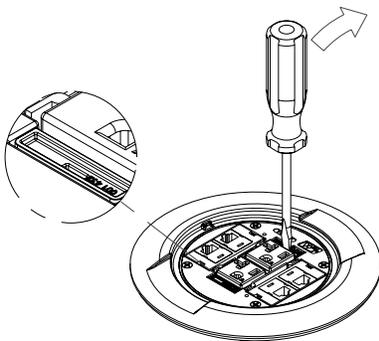


CAUTION: De-energize circuit before removing junction box cover.

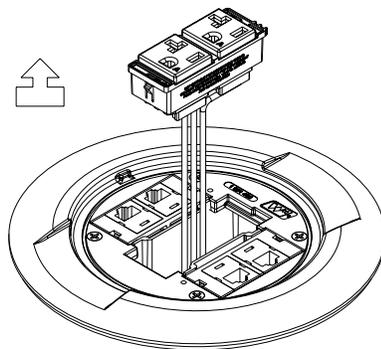
Step 2 Remove slide holder and scrub water gasket.



Step 3 Use screwdriver to disengage snap fingers. Move screwdriver to the outside and pull up. Repeat on the other side of the receptacle.

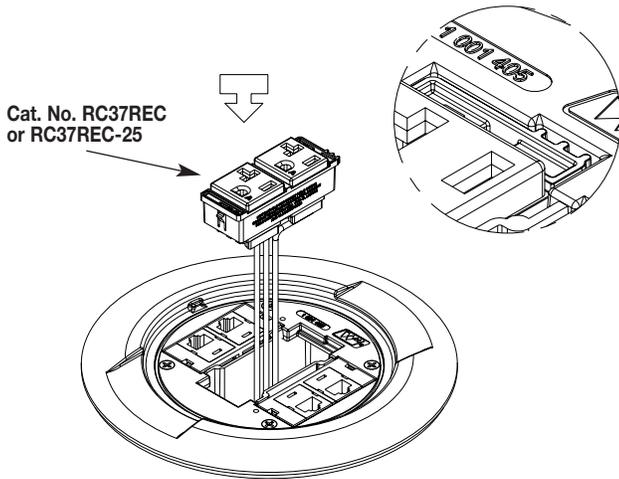


Step 4 Remove receptacle from assembly.

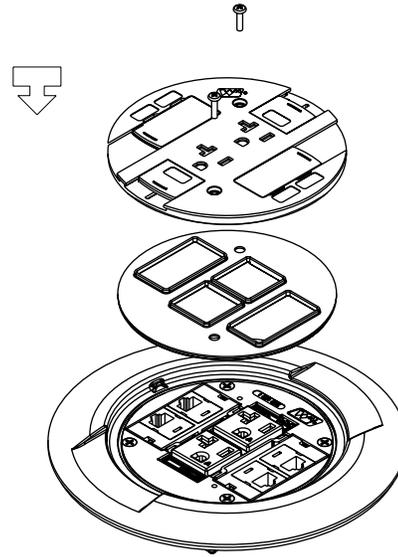


Step 5 Snap new receptacle into trim flange.

CAUTION: Make sure bosses on receptacle match up with cutout in the trim flange.



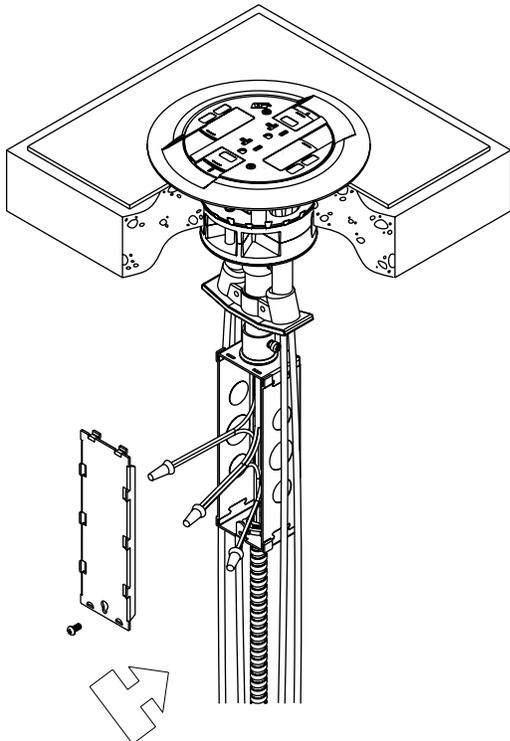
Step 6 Replace gasket and slide holder with the two #6-32 screws provided.



CAUTION: Gasket must be set in place to provide a scrub water seal.

CAUTION: Do not over tighten cover mounting screws.

Step 7 Wire up connections in the junction box. Connect poke-thru conductors according to required device configuration. See schematic below.



CONVENTIONAL WIRING SCHEMATIC		ISOLATED GROUND WIRING SCHEMATIC	
BLACK or HOT from branch circuit	BLACK from poke-thru receptacle	BLACK or HOT from branch circuit	BLACK from poke-thru receptacle
WHITE or NEUTRAL from branch circuit	WHITE from poke-thru receptacle	WHITE or NEUTRAL from branch circuit	WHITE from poke-thru receptacle
GREEN or GROUND from branch circuit SYSTEM GROUND	GREEN from poke-thru receptacle	ISOLATED GROUND from branch circuit	GREEN from poke-thru receptacle
GREEN (jumper wire) from poke-thru junction box		GREEN or GROUND from branch circuit SYSTEM GROUND	GREEN (jumper wire) from poke-thru junction box

WARNING: Ground wire from junction box must be connected to SYSTEM GROUND.

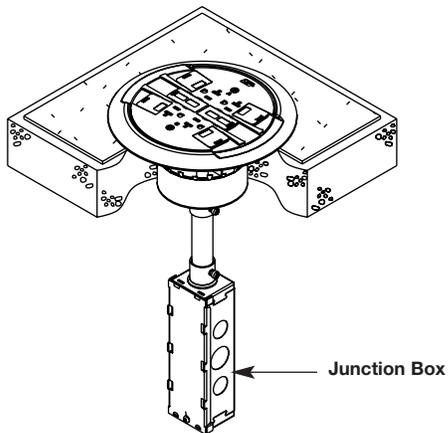
CAUTION: Receptacle mounting means not grounded. Grounding wire connection required. For isolated ground wiring, connect ground leads to a separate isolated grounding conductor. See NEC250-146(d).

NOTE: Factory supplied junction box shown. Junction boxes must be located in an accessible location. Poke-Thru devices with an "LJB" or "LJB25" suffix are supplied without a junction box (supplied by others).

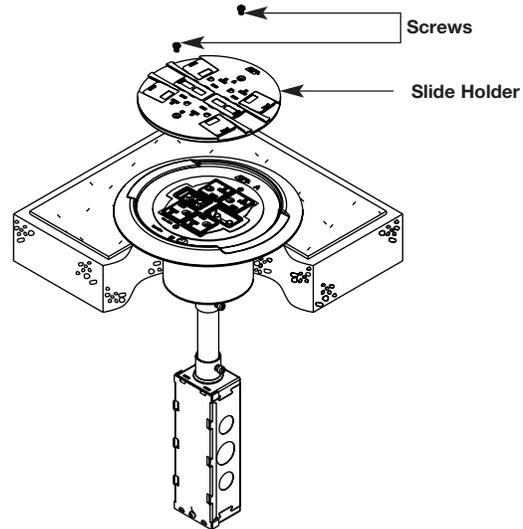
For RC4TC Series Devices

Step 1 Disconnect receptacle wiring in junction box.

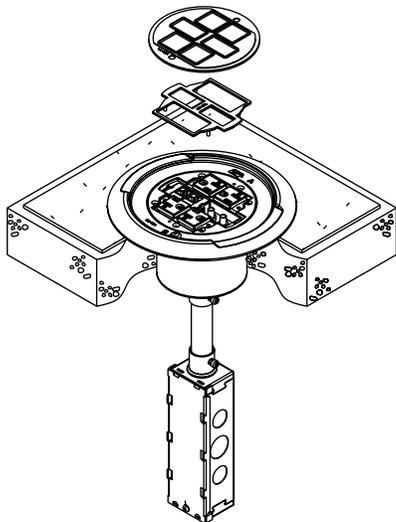
CAUTION: De-energize circuit before removing junction box cover.



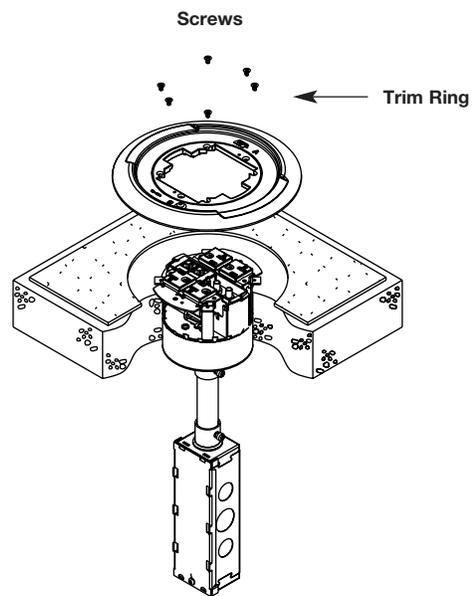
Step 2 Remove two screws and slide holder.



Step 3 Remove internal gasket and gasket support.

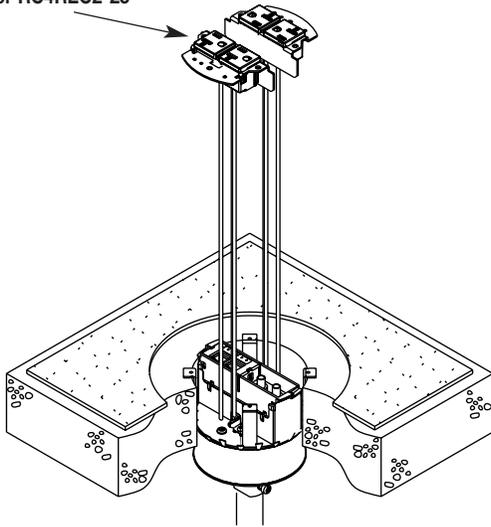


Step 4 Remove six screws and trim ring.

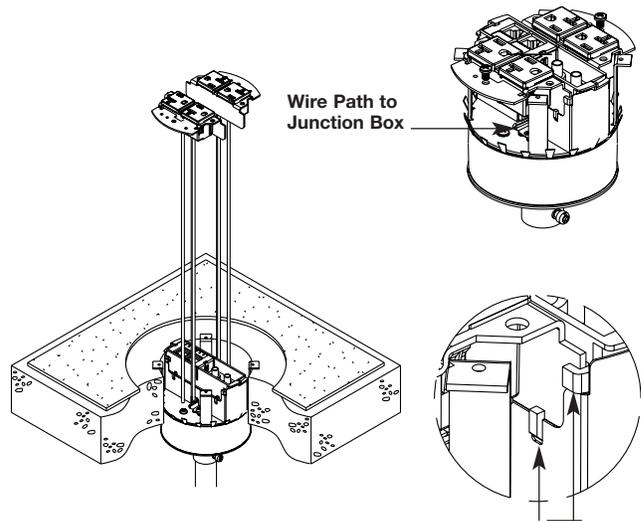


Step 5 Pull receptacles and receptacle brackets out of poke-thru.

Cat. No. RC4REC2
or RC4REC2-25

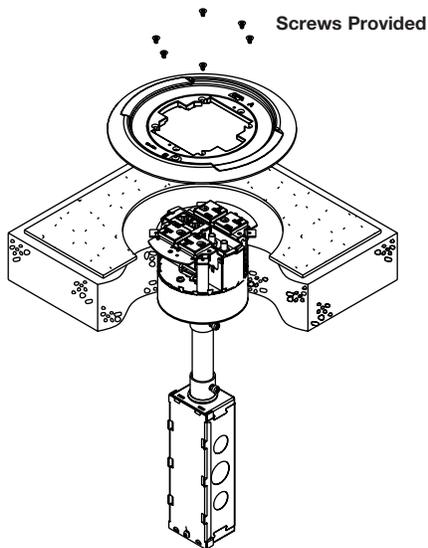


Step 6 Guide replacement receptacle brackets into place. Direct wire leads through indicated opening to junction box below.



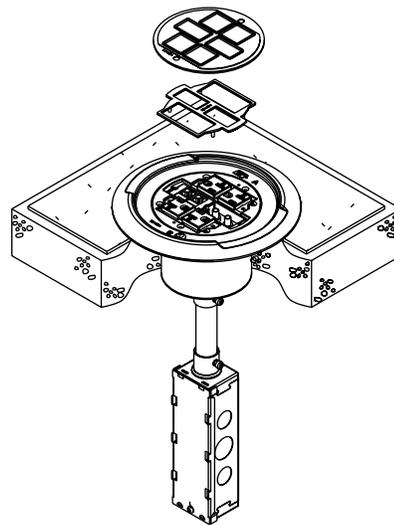
IMPORTANT: Receptacle bracket slides into the tabs shown here.

Step 7 Attach trim ring to bracket with four screws provided. Attach trim ring to receptacle bracket with two screws provided.



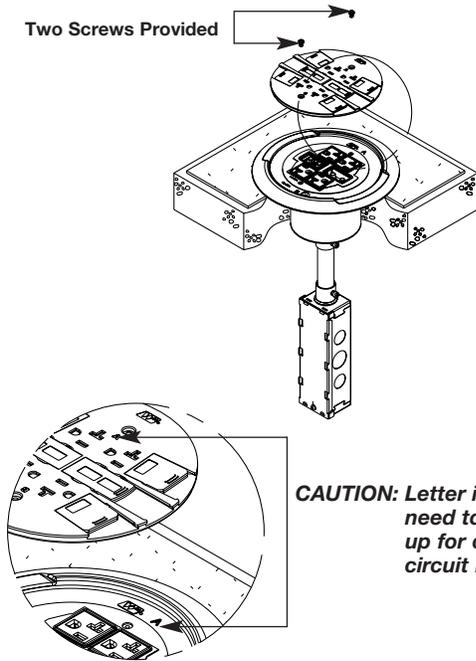
NOTE: Be certain to line up the trim ring with the holes on the receptacle bracket. The trim ring only attaches one way.

Step 8 Place gasket support on receptacle bracket. Place internal gasket on gasket support and press around edge to seat the gasket into the groove in the trim ring.



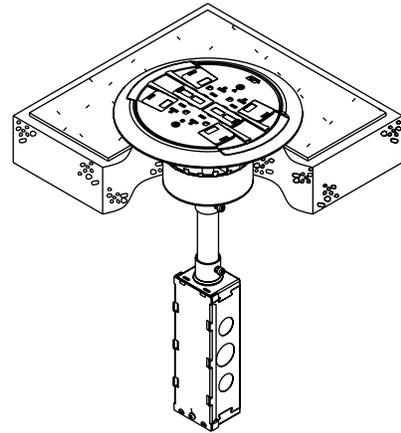
CAUTION: Gasket must be set in place to provide scrub water seal.

Step 9 Place slide holder on assembly lining up the “A” and “B” indicators on the trim ring and the slide holder. Fasten with two screws provided.



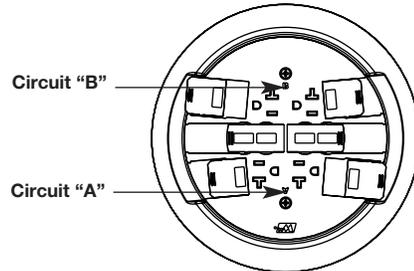
CAUTION: Letter indicators need to be lined up for correct circuit identification.

Step 10 Make electrical connections in junction box according to wiring diagram.



NOTE: Factory supplied junction box shown. Junction boxes must be located in an accessible location. Poke-Thru devices with an “LJB” or “LJB25” suffix are supplied without a junction box (supplied by others).

Electrical Wiring Chart		
	Circuit “A”	Circuit “B”
Line	Black	Red
Neutral	White	White w/Blue Stripe
Ground	Green	Green w/Yellow Stripe



CAUTION: Ground wire from junction box must be connected to SYSTEM GROUND.

CAUTION: Receptacle mounting means not grounded. Grounding wire connection required. For isolated ground wiring, connect ground leads to a separate isolated grounding conductor. See NEC250-146(d).



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