

Recall 18V-637/TC 2018-520

Reflection 295RL Field Repair for GFCI Wiring

During production of the Reflection 150 model, it was determined the 295RL floorplan had an exterior receptacle that was inadvertently installed without having GFCI protection. The following guide is to correct the issue.

The parts list for this repair is:

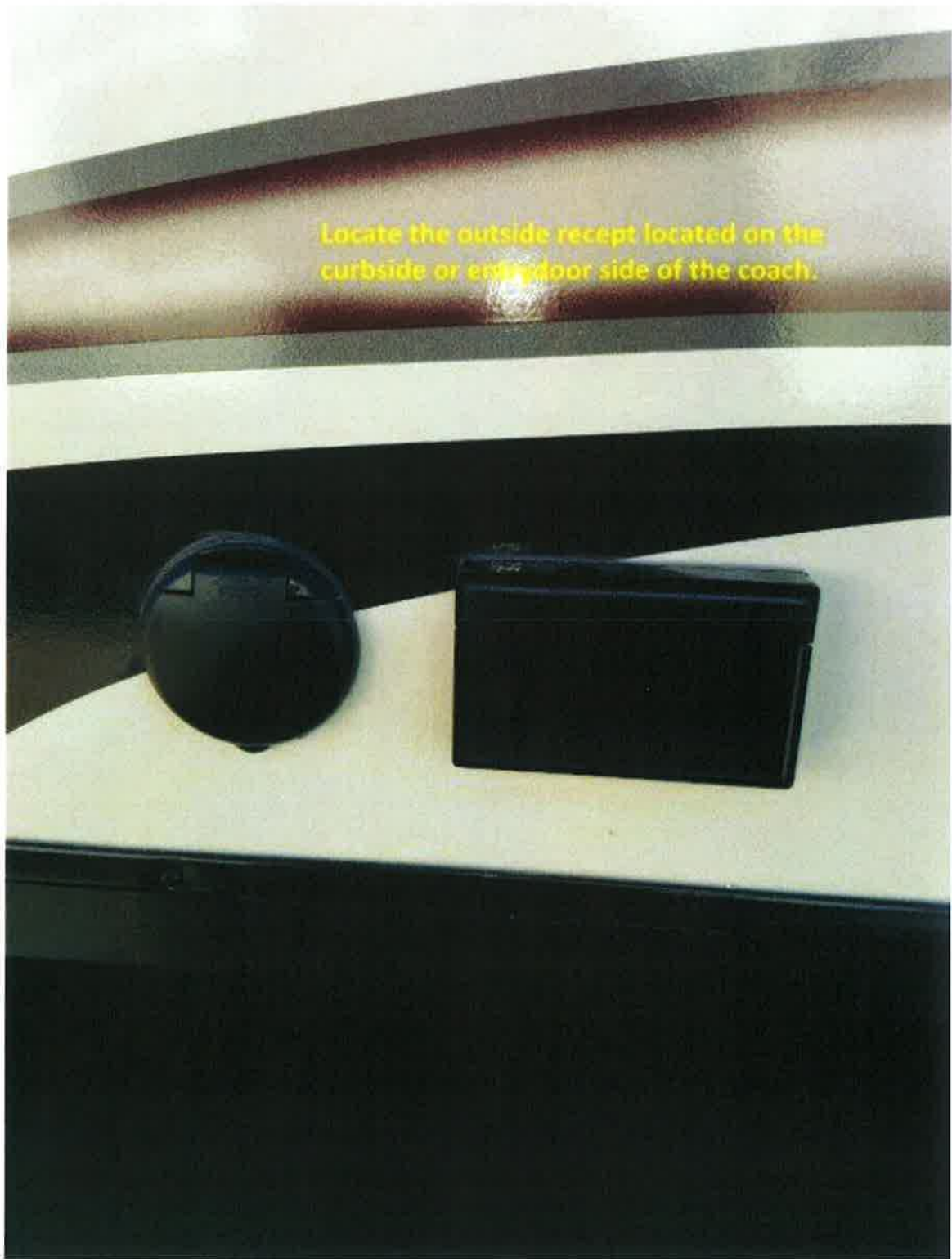
- | | | |
|------------------------|-----------------|---------|
| • Electrical box. | GD part #410001 | 1 piece |
| • GFCI Receptacle. | GD part #420306 | 1 piece |
| • Copper barrel clamp. | GD part #410029 | 1 piece |

WARNING!! Make sure the unit is unplugged from any 110V power source prior to completing this repair:

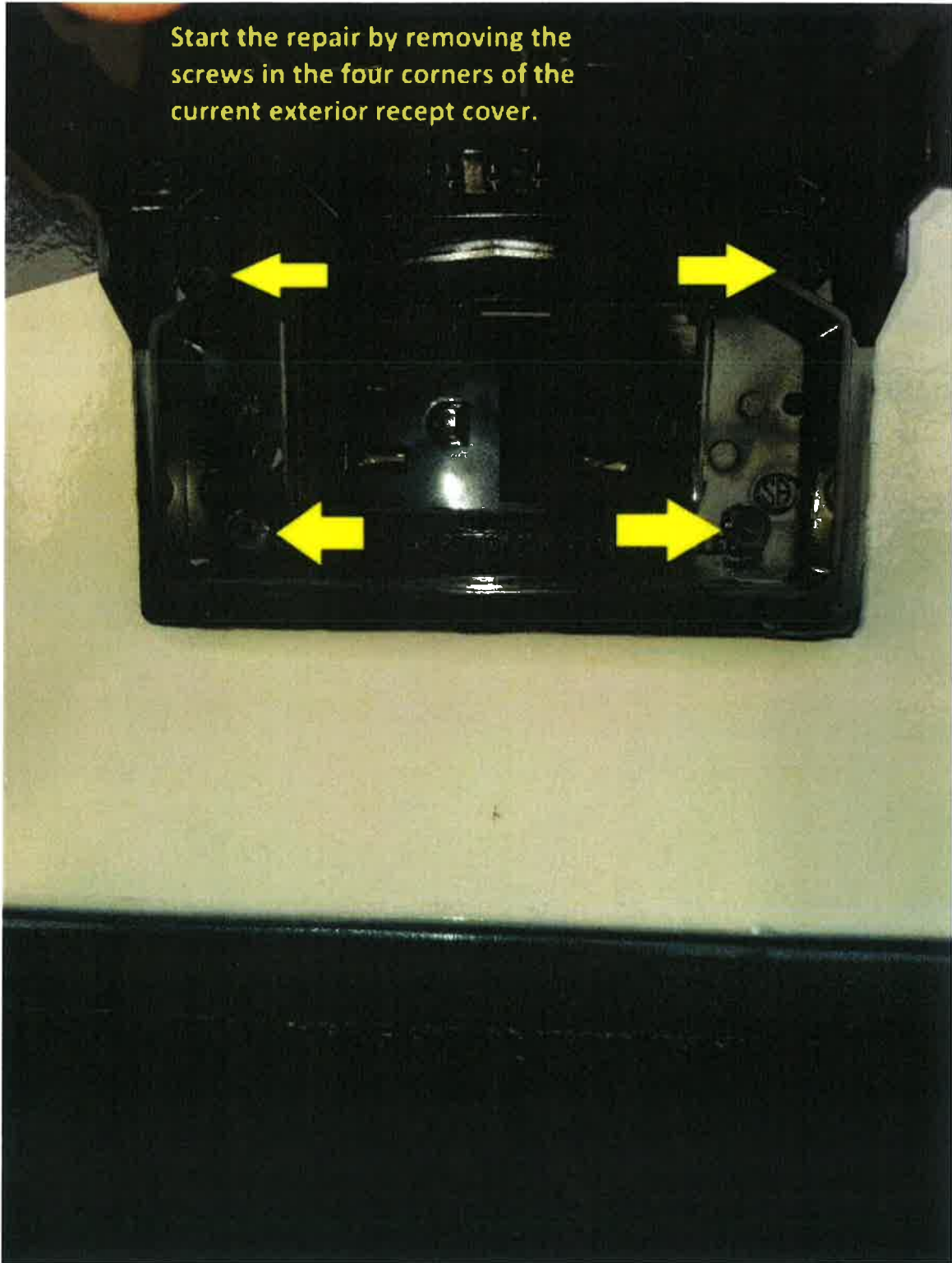
1. Locate the outside receptacle on the curbside or entry door side of the unit and remove the four corner screws in the current cover.
2. After removing the cover, loosen the securing screws for the self-contained receptacle and pull the recept out.
3. Pop the back off the self-contained receptacle and pull the wire from within.
4. Split the wire removing the section with damage from previous install.
5. Push the wires back into the opening to mark the opening for the new electrical box size needed. (There is a cover panel on the inside of the coach to access the wiring, if needed behind the sofa)
6. Using a Stanley knife or cutting tool, enlarge the opening to accommodate the install of the new electrical box.
7. You can see the wire that has the split loom or snakeskin which is the “Hot” wire that will be used for the “Line” side of the GFCI. The other wire will be the “Load” side which is the other receptacle inside the slide box.

8. On the electrical box, knock out the two holes on the side and install the "Line" wire in the bottom opening and the "Load" wire in the top opening. Strip the wires to size. Install the barrel clamp on the ground wires using a 3" left from the excess and add as the grounding leg. (See in picture)
9. Install the "Line" black wire on the end marked "Line" and on the brass screw side for correct polarity. Install the white wire on the silver screw on the same end. Install the "Load" wires on the opposite end for "Load", black on brass, white on silver. Install the ground leg under the green screw with the slide in bracket and tighten all screws tight.
10. Install the GFCI into the box with the screws provided on the GFCI receptacle and re-install the cover using the four corners and screws that were removed. Power the coach and using a GFCI polarity checker, check the exterior GFCI to be sure of polarity and using the push button, be sure the GFCI pops. Re-set the GFCI and do the same on the additional receptacle inside the slide box, inside the coach. Re-seal and tool the silicone to complete the repair.

Locate the outside receipt located on the curbside or entry door side of the coach.



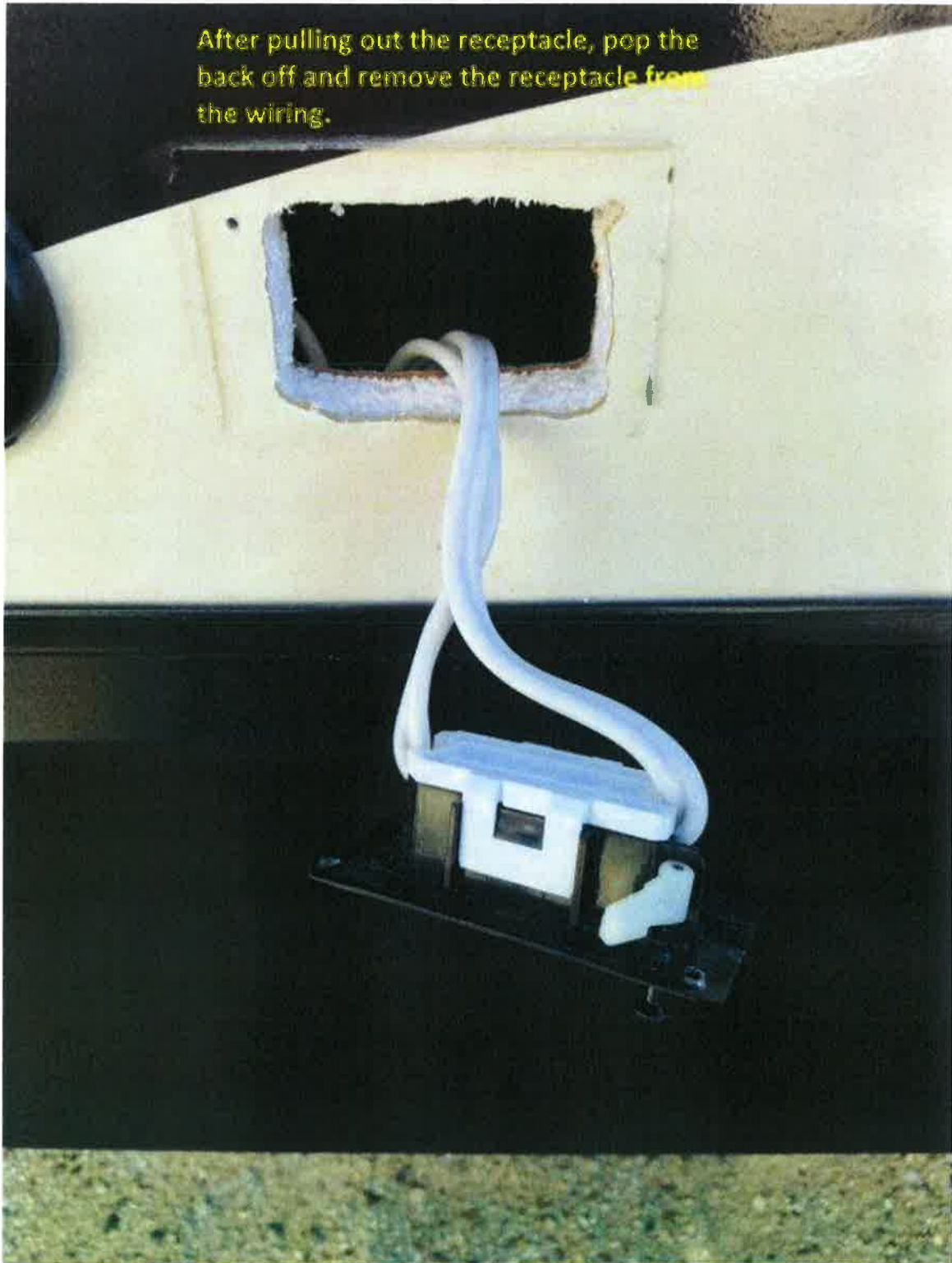
Start the repair by removing the screws in the four corners of the current exterior recept cover.



Carefully remove the exterior cover to expose the self-contained receptacle.



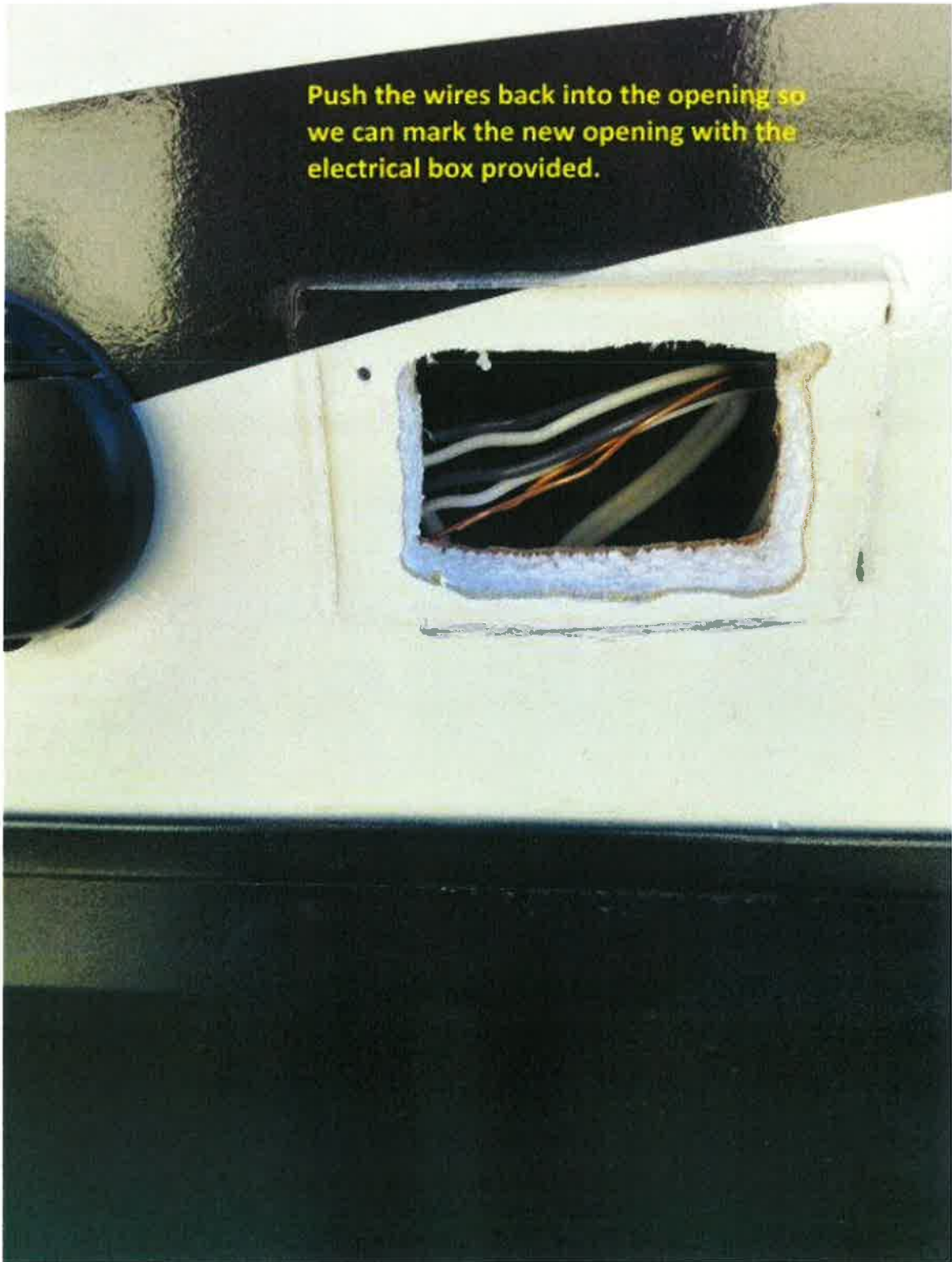
After pulling out the receptacle, pop the back off and remove the receptacle from the wiring.



After removing recept, this will be
the wiring to complete the repair.



Push the wires back into the opening so we can mark the new opening with the electrical box provided.





Eaton

SELF-TEST RECEPTACLE

ST
SELF-TEST

Arrow Hart

GFCI SELF-TEST RECEPTACLE (includes standard 15A and 20A receptacles)

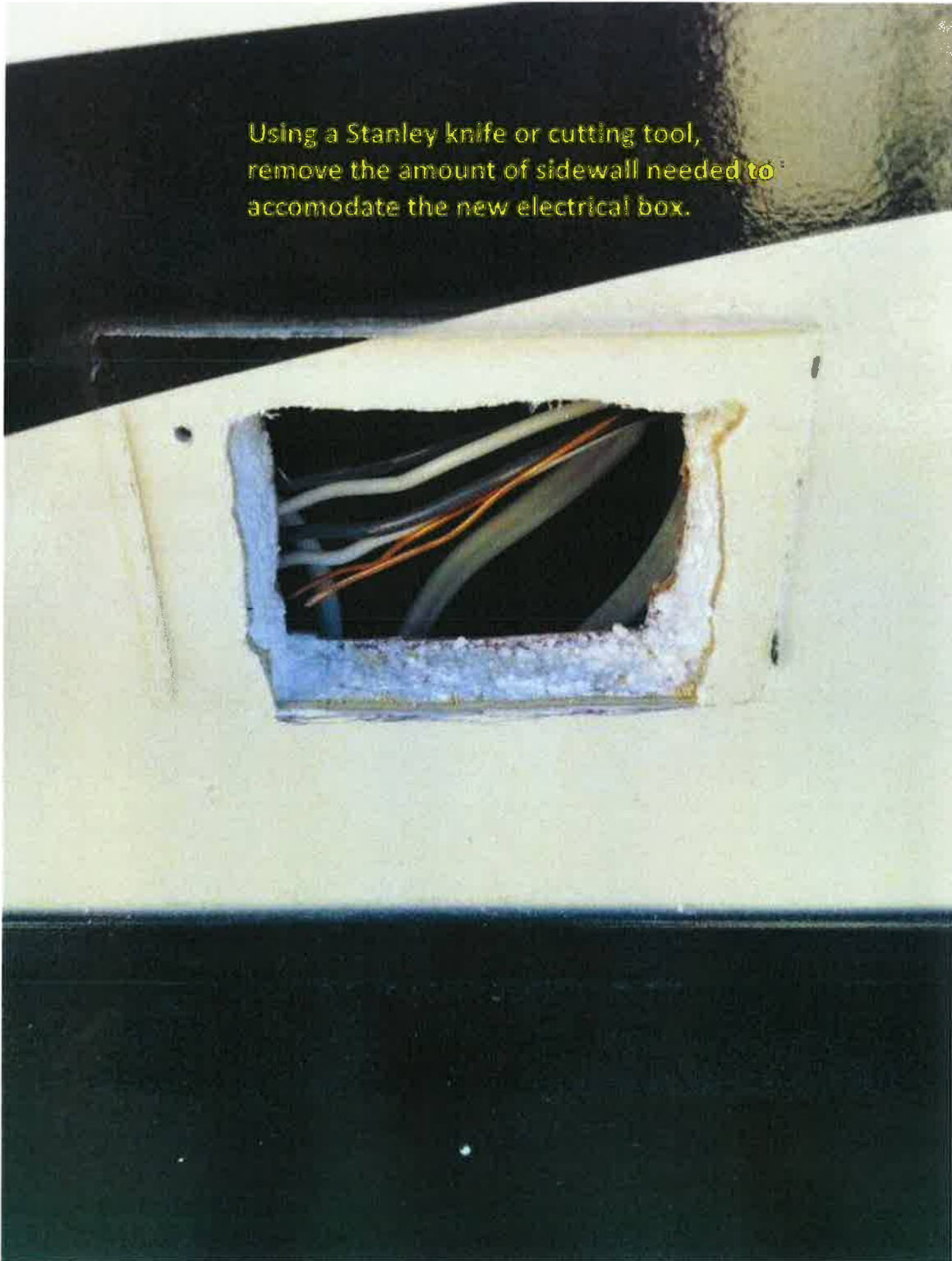
DDFT DISCONNECTOR DIFFERENTIAL AUTOMATIQUE (incluye los interruptores diferenciales de 15 amperios y de 20 amperios)

ICTA INTERRUPTOR DE CIRCUITO POR TENSION ACCIDENTAL CON AUTOEVALUACION (protege contra el grado casual de incendio del mismo circuito)

Modelo ST-15, 15 amperios de corriente GFI.
Modelo ST-20, 20 amperios de corriente GFI.
Modelo ST-15/20, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-1, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-2, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-3, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-4, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-5, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-6, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-7, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-8, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-9, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-10, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-11, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-12, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-13, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-14, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-15, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-16, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-17, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-18, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-19, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-20, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-21, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-22, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-23, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-24, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-25, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-26, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-27, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-28, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-29, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-30, 15 y 20 amperios de corriente GFI.
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Modelo ST-15/20-32, 15 y 20 amperios de corriente GFI.
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Modelo ST-15/20-38, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-39, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-40, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-41, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-42, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-43, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-44, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-45, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-46, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-47, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-48, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-49, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-50, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-51, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-52, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-53, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-54, 15 y 20 amperios de corriente GFI.
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Modelo ST-15/20-56, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-57, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-58, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-59, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-60, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-61, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-62, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-63, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-64, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-65, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-66, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-67, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-68, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-69, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-70, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-71, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-72, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-73, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-74, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-75, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-76, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-77, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-78, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-79, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-80, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-81, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-82, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-83, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-84, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-85, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-86, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-87, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-88, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-89, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-90, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-91, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-92, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-93, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-94, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-95, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-96, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-97, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-98, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-99, 15 y 20 amperios de corriente GFI.
Modelo ST-15/20-100, 15 y 20 amperios de corriente GFI.

GFCI Self-Test Receptacle
DDFT Pomo autoevaluacion y desconexion differencial
ICTA Receptacle con autoevaluacion

Using a Stanley knife or cutting tool,
remove the amount of sidewall needed to
accomodate the new electrical box.



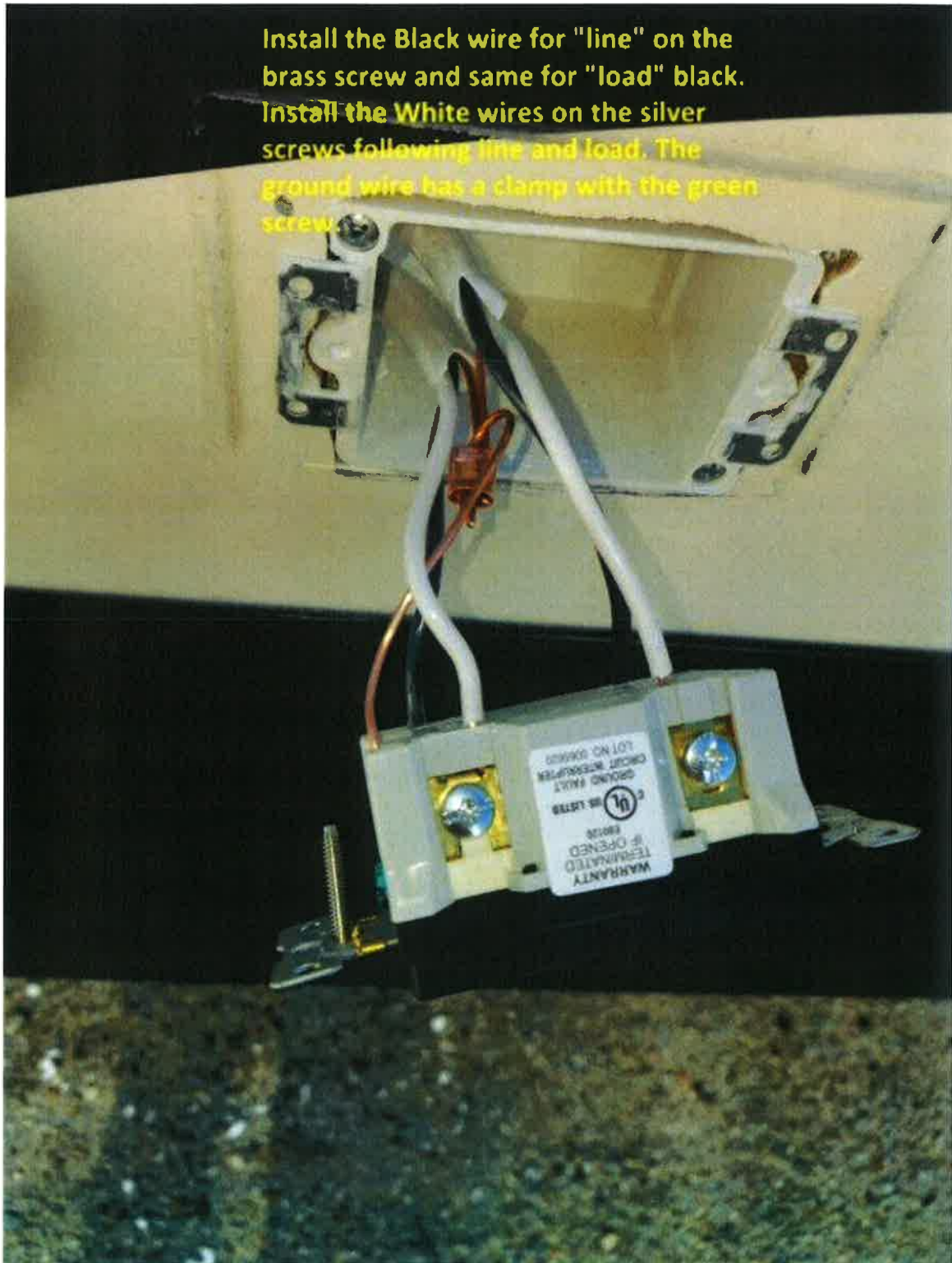
There are two wires inside the opening after cutting in half. One has snakeskin on the wire as it comes up through the floor of the slide box. This wire will be the "line" or hot side of the GFCI.



Install the "line" wire through the bottom opening into the electrical box and the "load" wire into the top side of the box inlets. This will help when hooking up the GFCI to be sure the correct wire is used. We need to install a barrel clamp on the ground wires to meet the requirements of the NEC as shown.



Install the Black wire for "line" on the brass screw and same for "load" black. Install the White wires on the silver screws following line and load. The ground wire has a clamp with the green screw





Clean off the prior silicone and re-silicone after re-installing the cover using the 4-corner screw holes.

Last step is to power the RV and using a GFCI recept polarity checker, check the GFCI and the second receptacle in the slide box to be sure they both trip the GFCI properly.

