

Imagine AC wiring box Field Fix

Tools needed:

***Screw gun (Phillips bit)**

***3 Wago Connectors**

***Wire Strippers**

***Flathead Screwdriver**

- 1.) Turn off the breaker for the AC/AC's before starting this field fix.
- 2.) With a flat head screwdriver, remove the AC cover at the slitted openings.
- 3.) Once the cover is popped loose, slide the cover out of the track.
- 4.) There are two screws used to secure the AC wiring box to the brackets.
(Use a phillips bit and unscrew the 2 screws.) Save these screws
- 5.) Carefully pull the grey AC wiring box out of the AC.
- 6.) With a phillips bit loosen the 4 screws on the AC wiring box plate cover.
(These screws will not come out completely)
- 7.) Once all 4 screws are loosened remove the plate cover.
- 8.) Gently pull the wires out of the AC wiring box and remove the bell caps.
- 9.) Once the bell caps are removed, re-strip or fix any wires that may be damaged from taking off the bell caps.
- 10.) Take the black stranded wire and insert it into the wago connector with the lever up. Once the wire is completely in the connector close the lever.
- 11.) Take the black solid wire and insert it into the wago connector with the lever up. Once the wire is completely in the connector close the lever.
- 12.) Take the white stranded wire and insert it into the wago connector with the lever up. Once the wire is completely in the connector close the lever.
- 13.) Take the white solid wire and insert it into the wago connector with the lever up. Once the wire is completely in the connector close the lever.
- 14.) Take the stranded ground wire and insert it into the wago connector with the lever up. Once the wire is completely in the connector close the lever.

15.) Take the solid ground wire and insert it into the wago connector with the lever up. Once the wire is completely in the connector close the lever.

16.) Once all of the wires are connected with the proper wago connectors gently tuck the wires back into the AC wiring box.

17.) Put the AC wiring box plate cover back on the box.

18.) With a phillips bit use the 4 screws to secure the plate cover. (Do not over tighten the screws, as they will strip out)

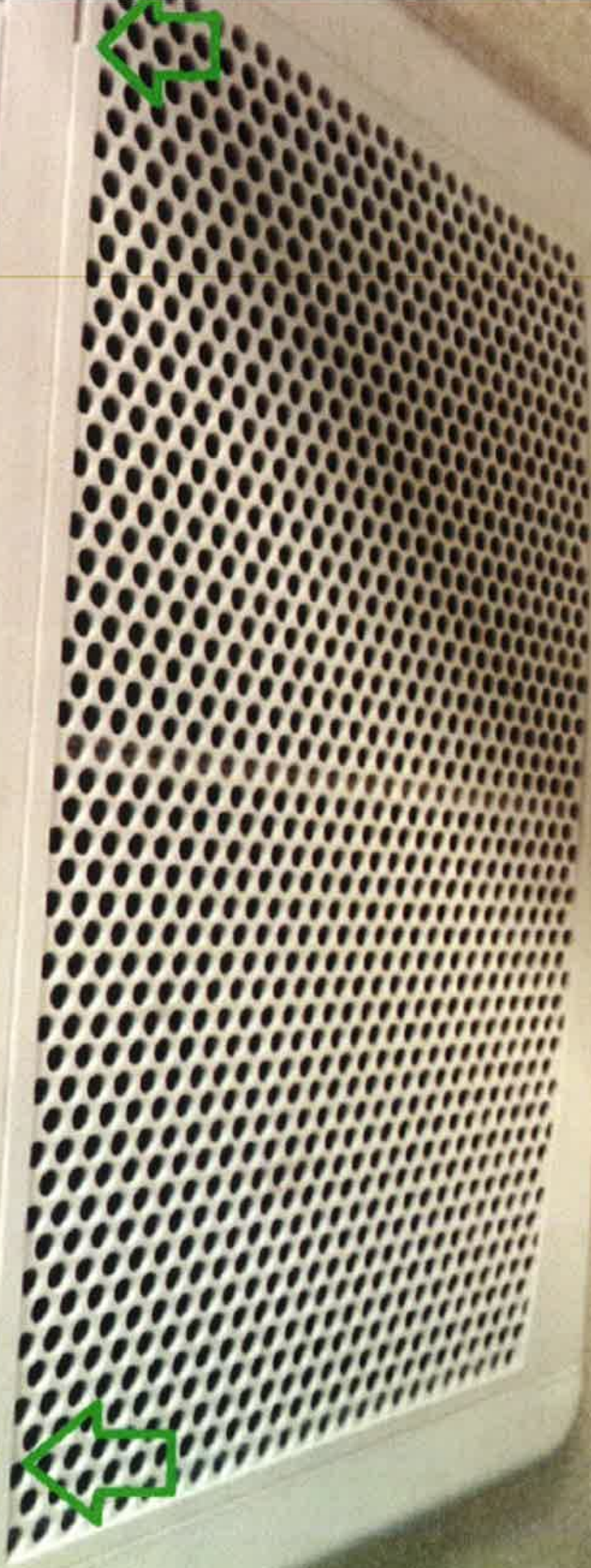
19.) Once all 4 screws for the plate are securely fastened set the wiring box back on the securement brackets.

20.) With a phillips bit use the two screws from **STEP 4** and secure the AC wiring box.

21.) Slide the AC vent cover back into the track

22.) Turn on the breaker for the AC/AC's

With a flat head screwdriver remove the AC cover at the slitted openings.



Step 2



Step 3

Slide the AC vent cover out of the track

Step 4



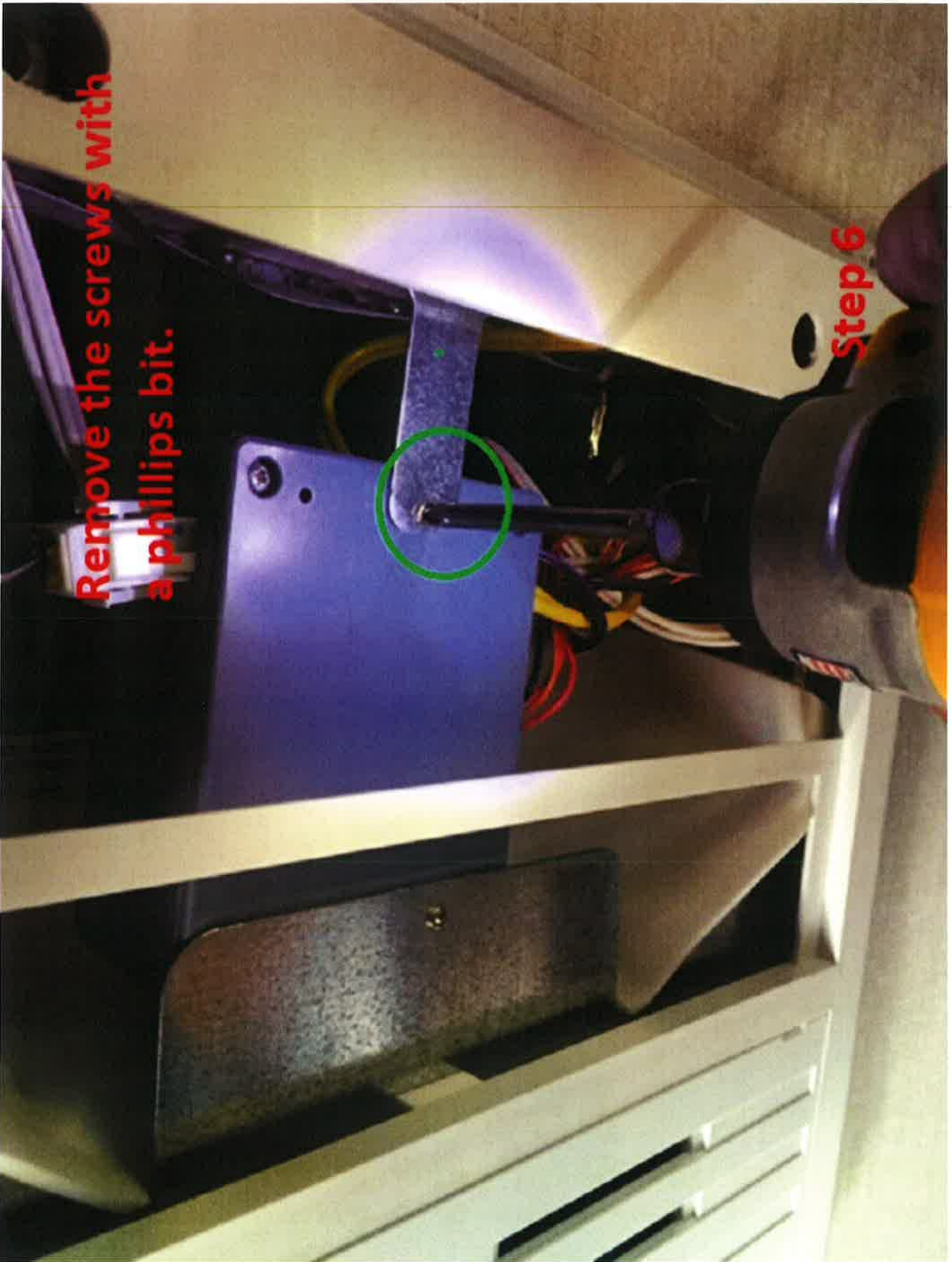


Once the cover is off remove the 2 screws securing the AC wiring box.

Step 5

Remove the screws with a phillips bit.

Step 6



**Remove second screw that is
securing the AC wiring box**



Carefully pull the grey
AC wiring box out from
the AC



Step 8

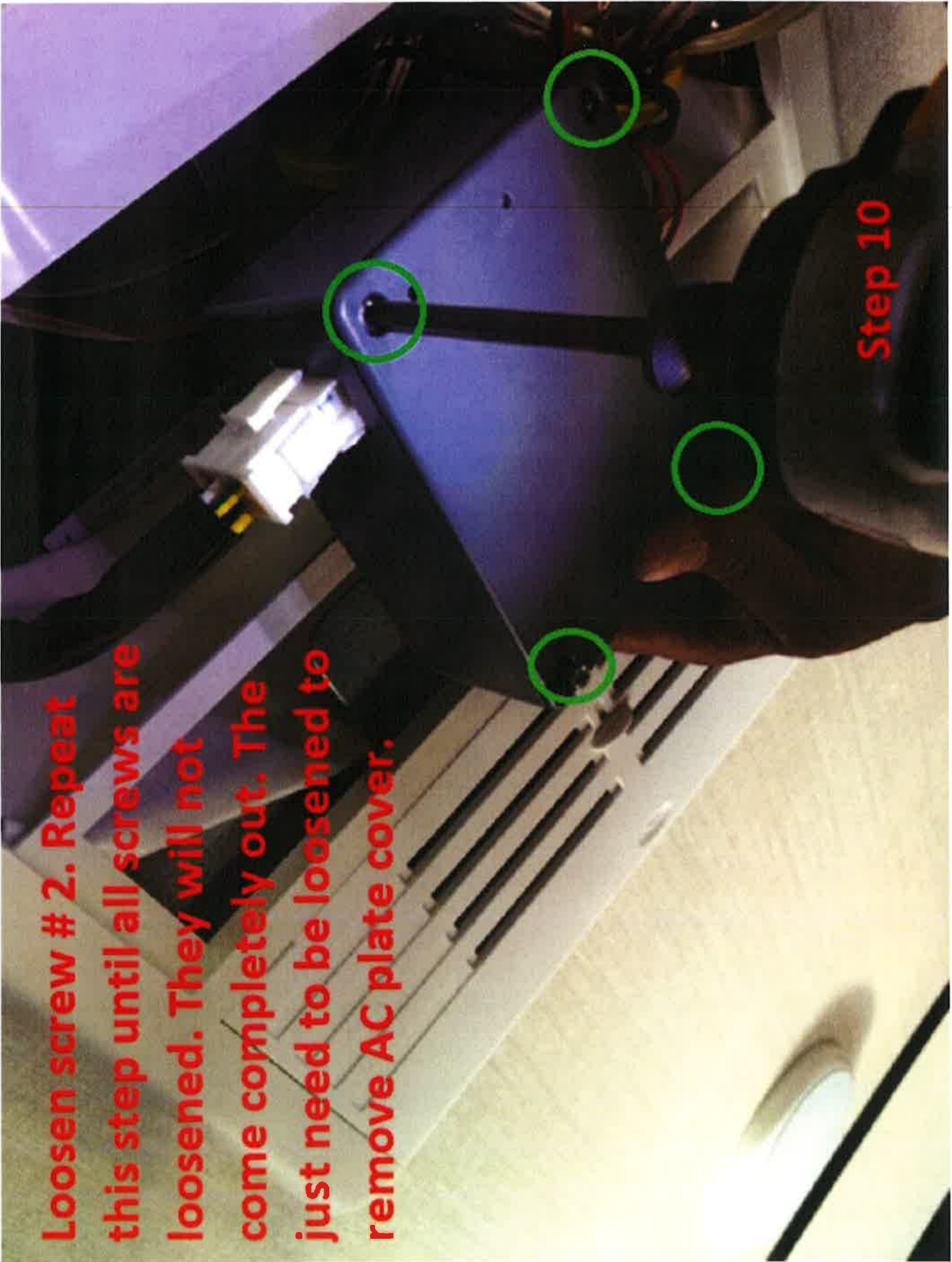
With a phillips bit remove the 4 screws from ac wiring box plate cover.

Step 9



Loosen screw # 2. Repeat this step until all screws are loosened. They will not come completely out. The just need to be loosened to remove AC plate cover.

Step 10

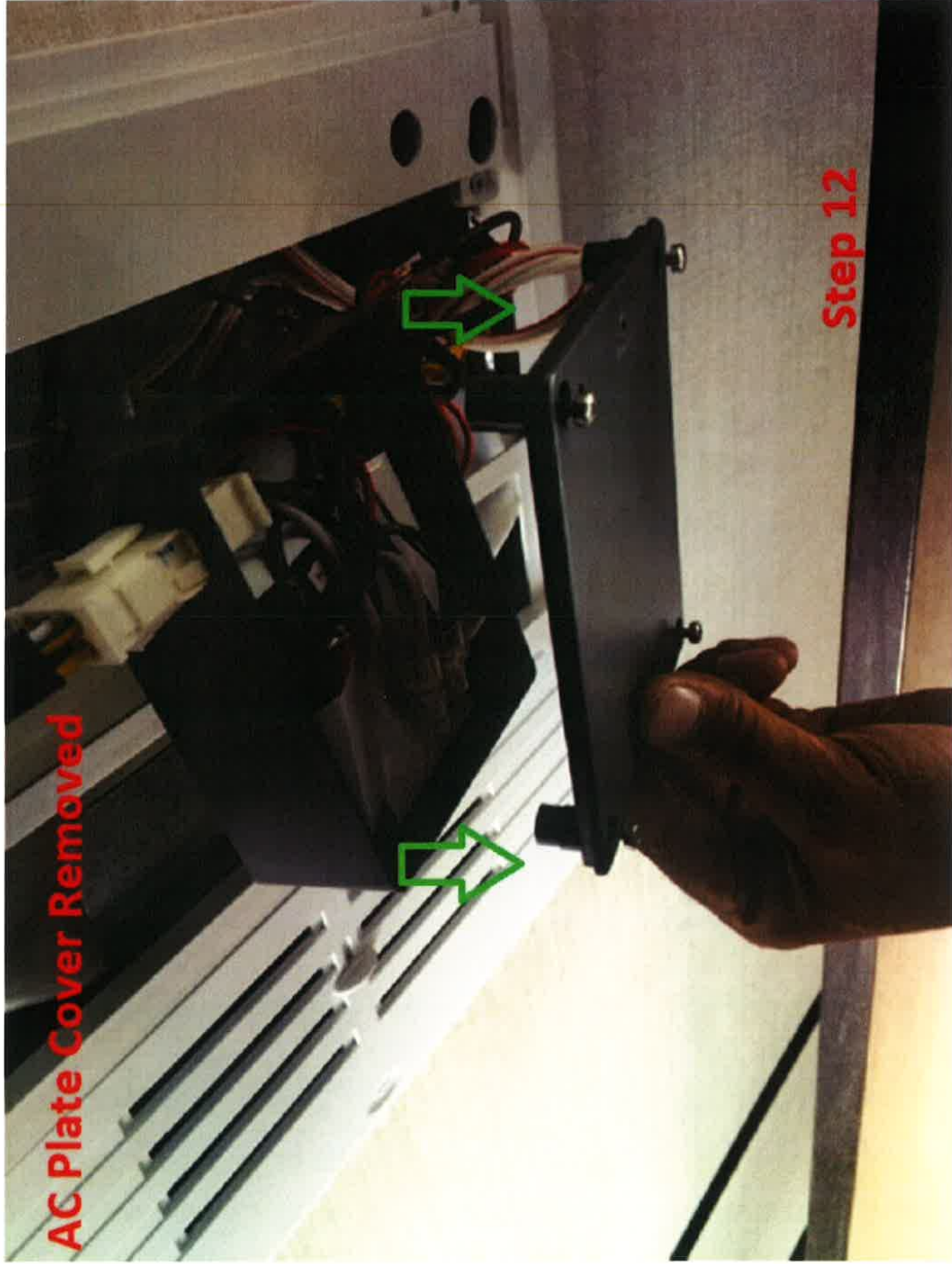


All 4 screws are loosened, the plate cover can now come off



Step 11

AC Plate Cover Removed



Step 12

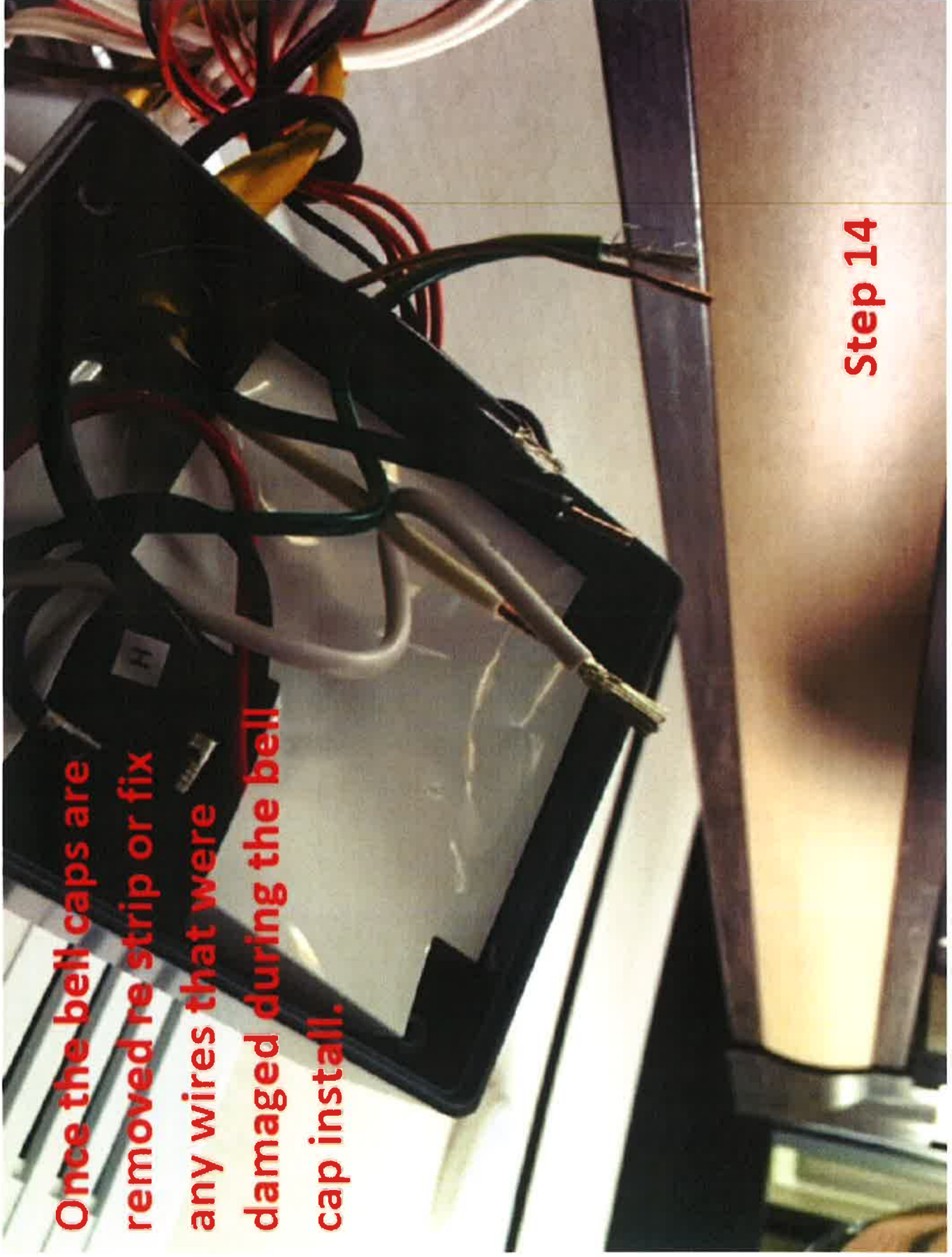
**Remove the bell caps
from the wires**



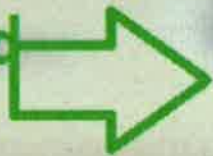
Step 13

Once the bell caps are removed re strip or fix any wires that were damaged during the bell cap install.

Step 14



**Black Stranded
wire**



**Black Solid
Wire**



Step 15

Insert black stranded wire into the wago connector with the lever up. Close the lever once the wire is completely in the connector



Step 16

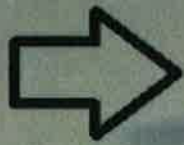
Insert black solid wire into the wago connector with the lever up. Once the wire is all the way in the connector close the lever.



Step 17

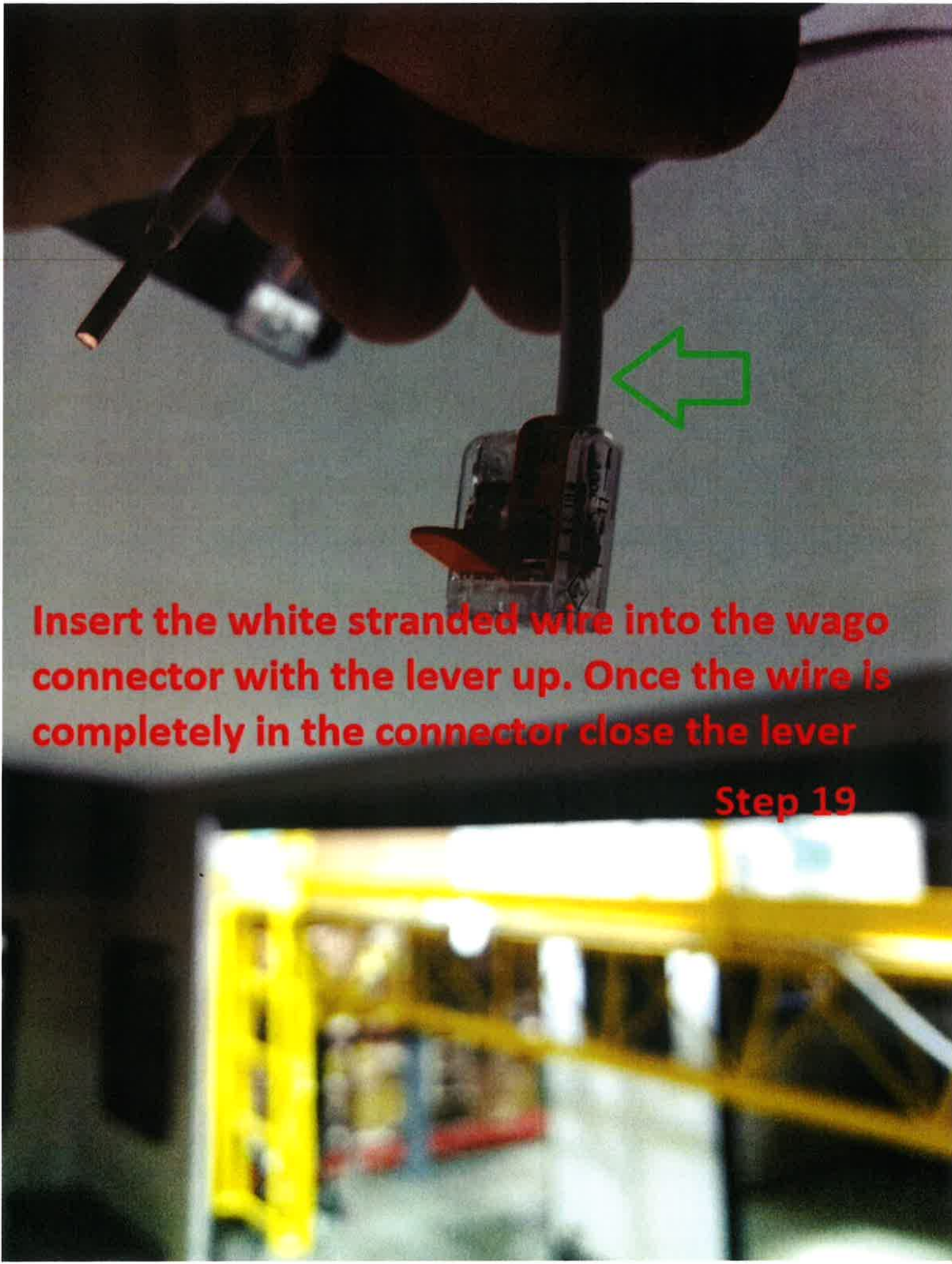


White stranded wire



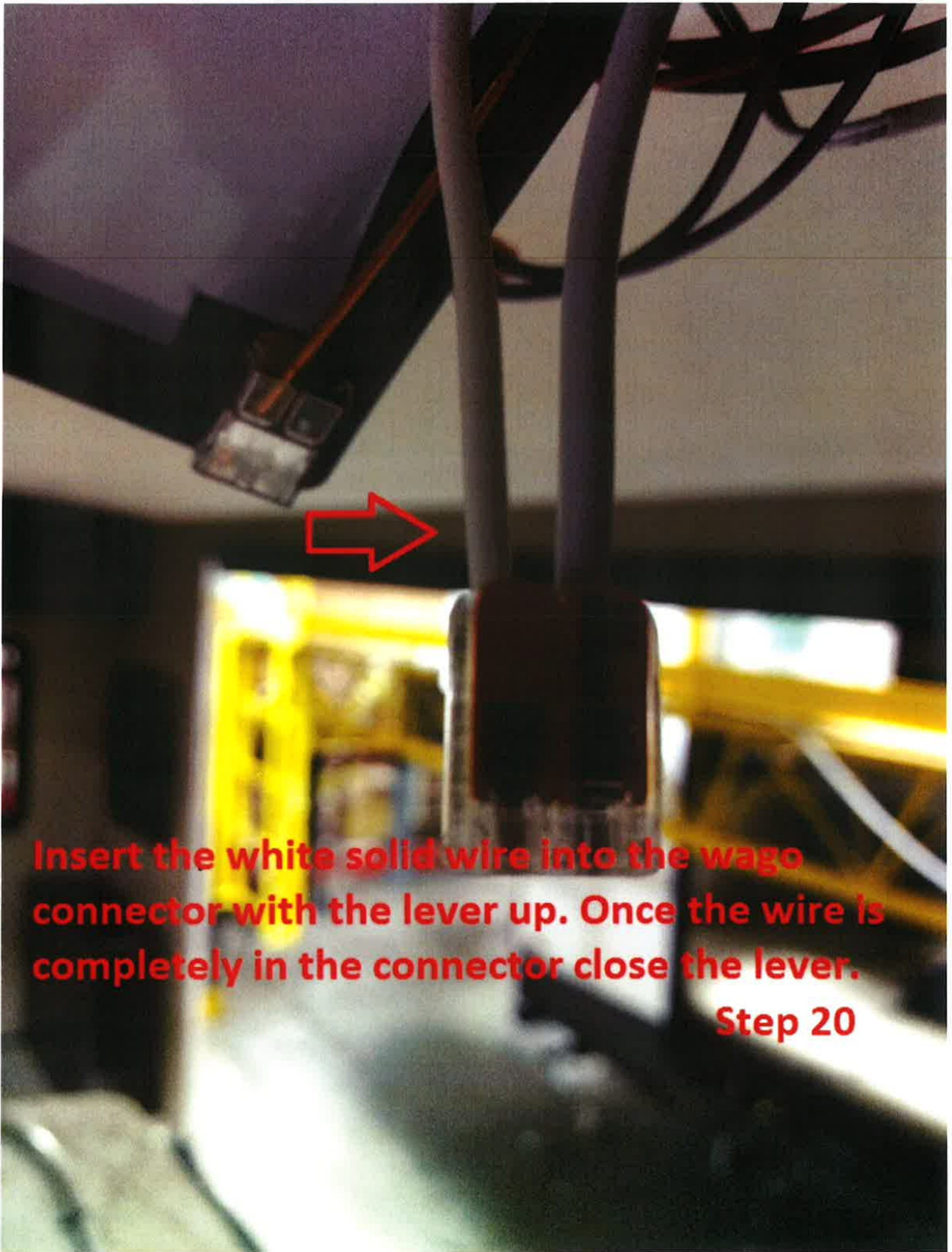
White solid wire

Step 18



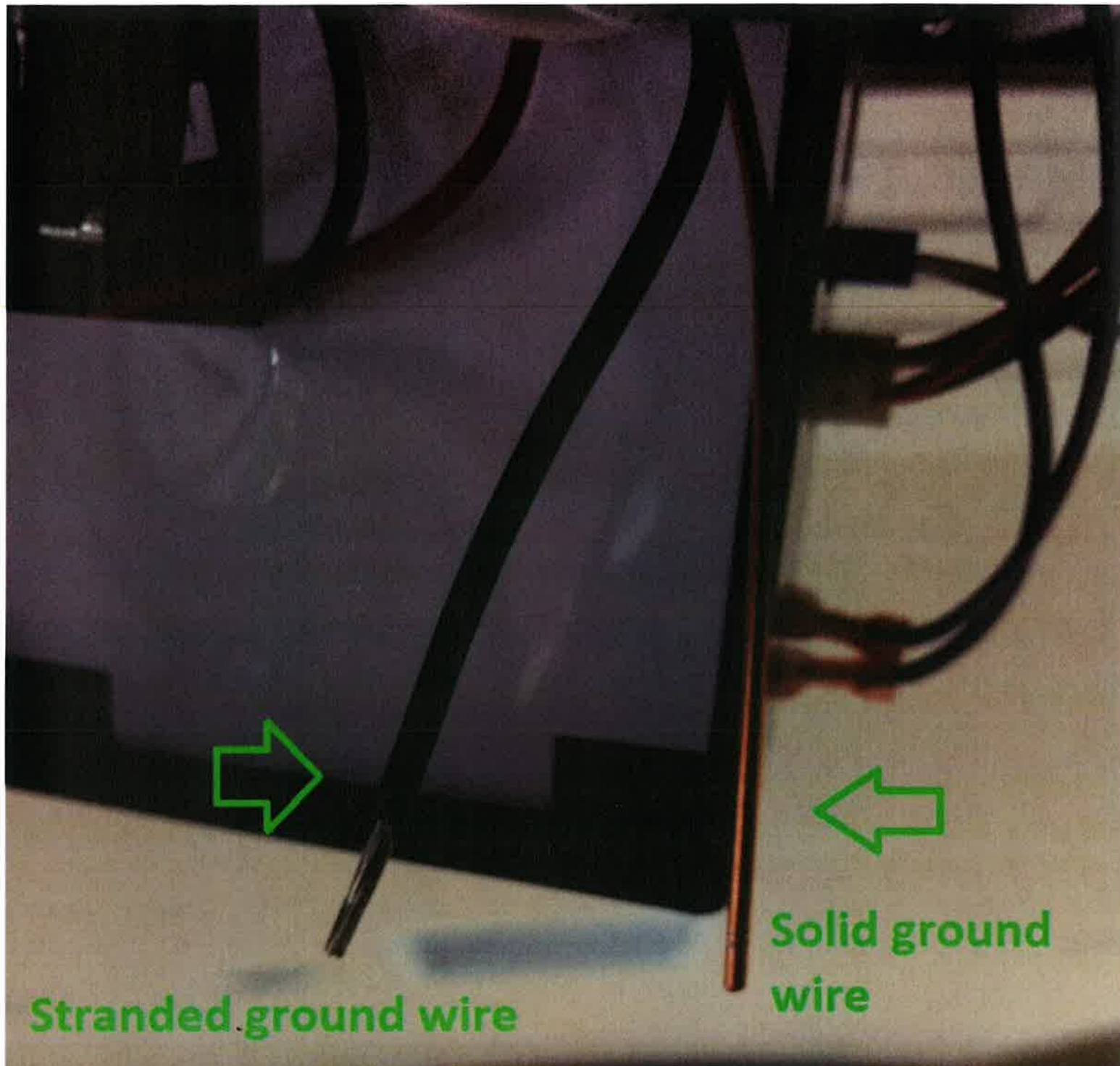
Insert the white stranded wire into the wago connector with the lever up. Once the wire is completely in the connector close the lever

Step 19



Insert the white solid wire into the wago connector with the lever up. Once the wire is completely in the connector close the lever.

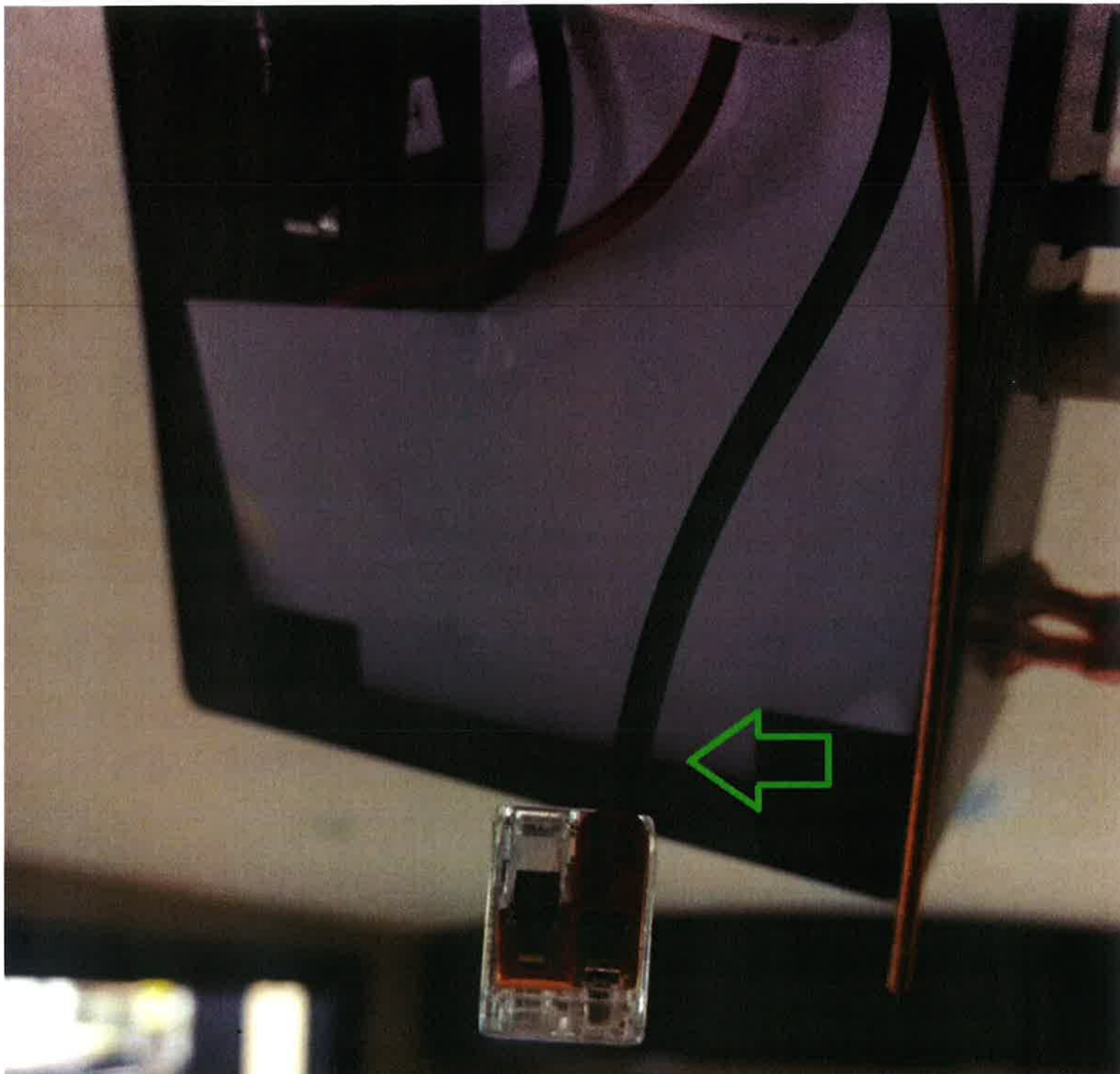
Step 20



Stranded ground wire

Solid ground wire

Step 21



Insert the stranded ground wire into the wago connector with the lever up. Once the wire is completely in the connector close the lever

Step 22



Insert the solid ground wire into the wago connector with the lever up. Once the wire is completely in the connector close the lever.

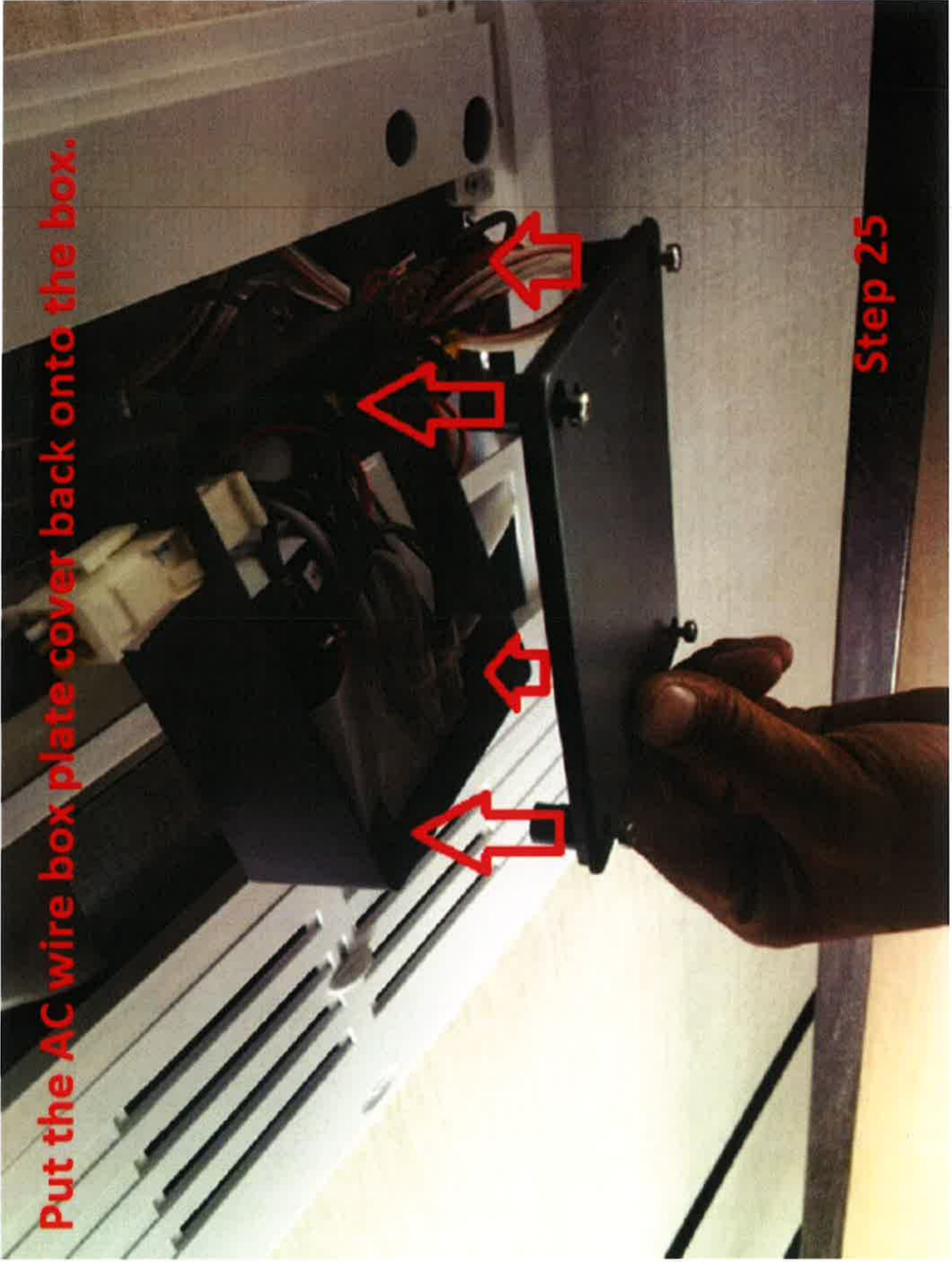
Step 23

Once all the wires are connected correctly with the wago connectors tuck them back into the AC wiring box.

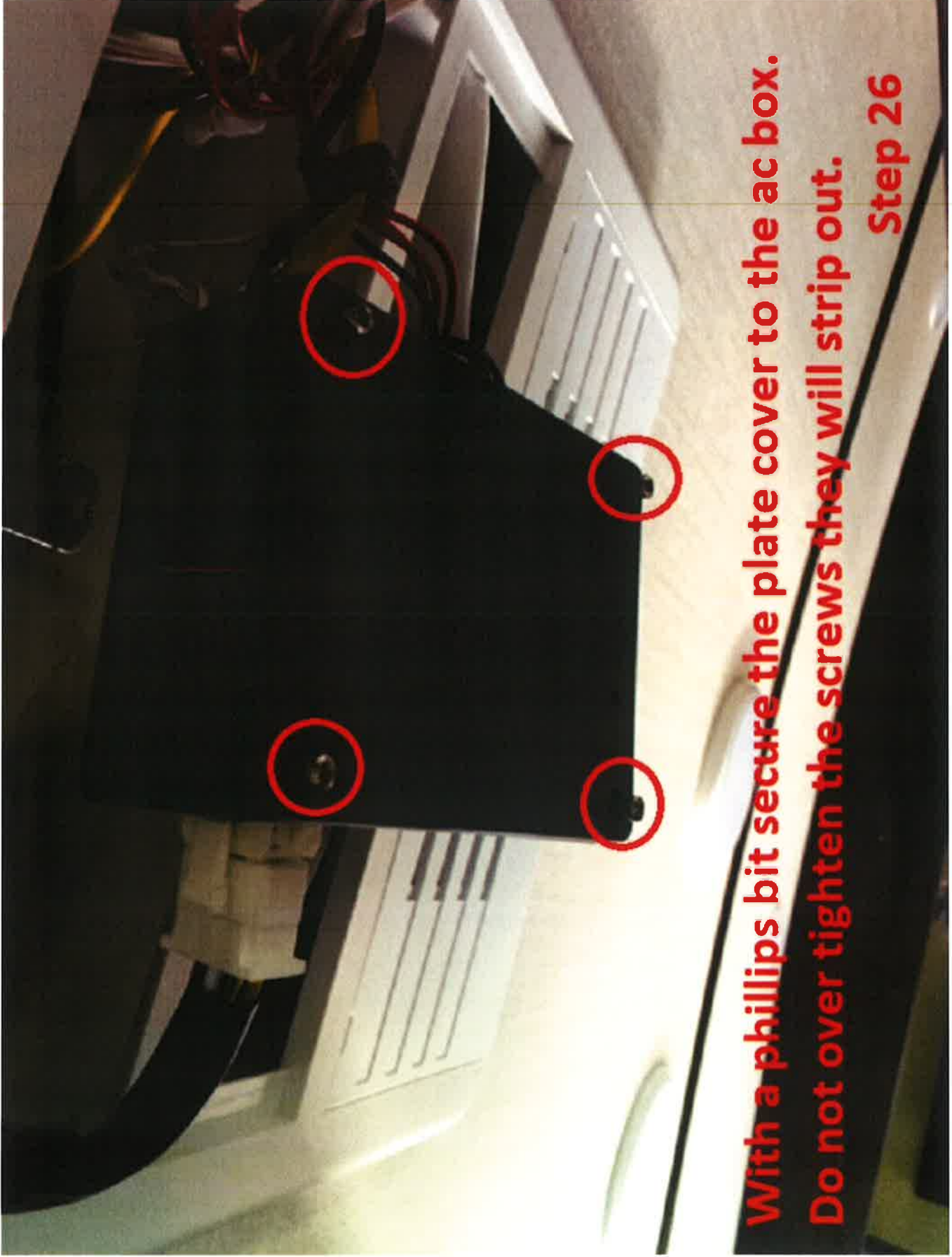
Step 24



Put the AC wire box plate cover back onto the box.



Step 25

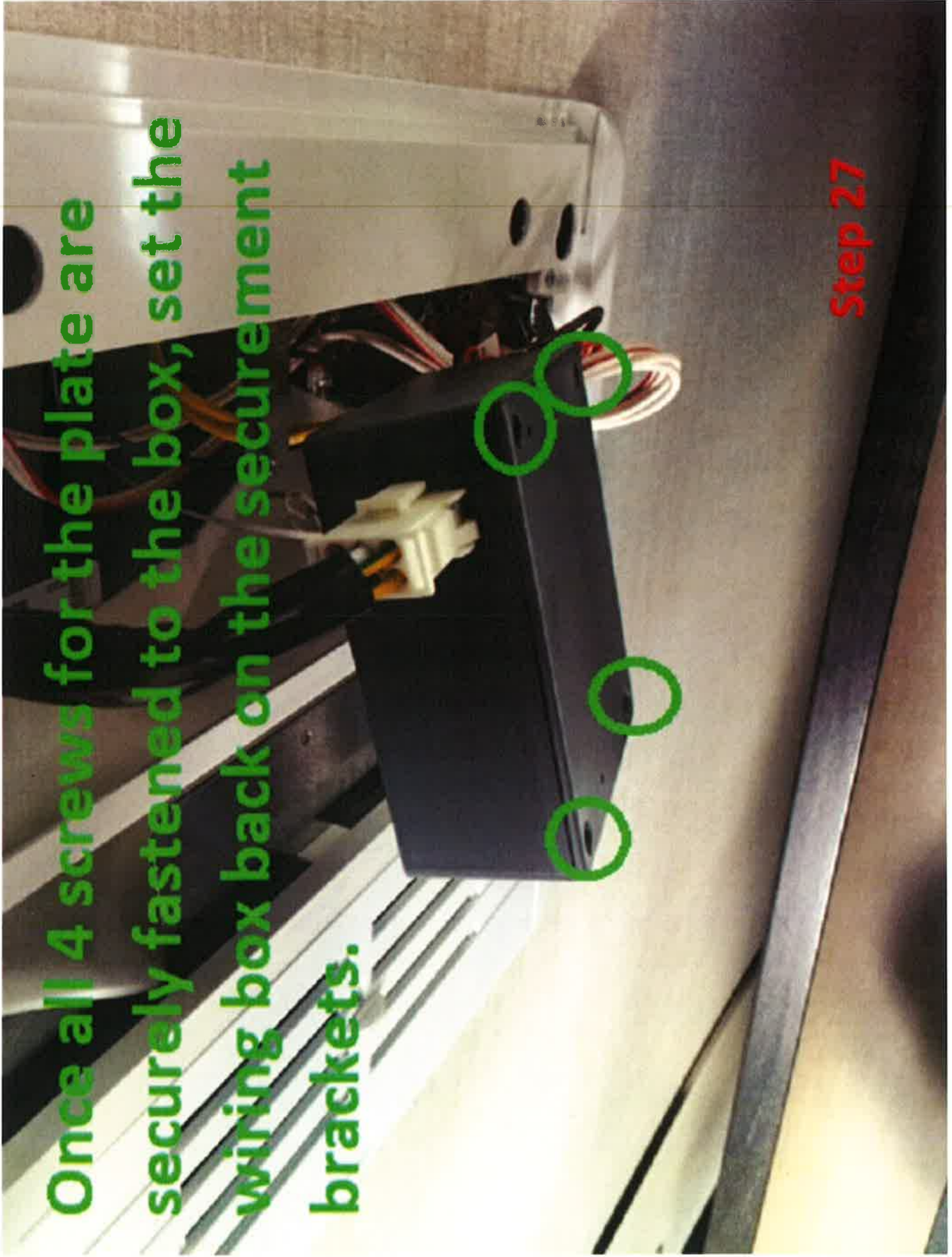


**With a phillips bit secure the plate cover to the ac box.
Do not over tighten the screws they will strip out.**

Step 26

Once all 4 screws for the plate are securely fastened to the box, set the wiring box back on the securement brackets.

Step 27



With a phillips bit install the 2 screws for the securement bracket.

Step 28



Once the AC wiring box is secured, install the AC vent cover.

Step 29



AC vent cover installed

Step 30



F F
FO
RIS
RES
ANE

15 15 15 15 50 50 20 20



Labels for breakers with manufacturer information:

- Type MHT
- Type MHT
- Type MHT
- Type MHT
- Type MHT
- Type MHT

CONVERTER	AC	M	A	I	N	GFI	MICROWAVE	REFRIGERATOR	AC
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WFCO **UL** LISTED
 AC Distribution Enclosed Panelboard
 (NEMA 3R)
 100005403

CAUTION:
 To prevent fire, do not mount in zero clearance compartment.

This equipment employs components that tend to produce arcs or sparks. To prevent fire or explosion, do not install in compartment containing batteries or flammable materials.

• Short Circuit Current Rating Of This Panelboard Is 10,000 RMS Symmetrical Amperes, 120/240 V, AC, But The Rating Is Limited To The Lowest Interrupting Capacity At A Supply Voltage Of Any Breaker Installed.
 • Maximum Continuous load on Main and Branch circuit not to exceed 80% of the circuit breaker rating.
 • Maximum of 12 Branch Circuits with use of Duplex breakers.
 • Maximum of 20A Branch Circuit Breaker for Outlet Receptacles.

Max. Main Circuit Breaker Size: 50 Amp or 50 Amp two pole or Equivalent. Use only 2-pole circuit breakers for Main Circuit breaker.
 Max. Branch Circuit Breaker Size: 20 Amp or 20 Amp Two Pole

Cutler Hammer	Type BR
ITE/Siemens	Type QP or QT
Square D	Type HOM
Murray	Type MH or MP

Cutler Hammer	Type BRD
ITE/Siemens	Type QP or QT
Square D	Type HOMT
Murray	Type MHT or MPT

A replacement or additional circuit breaker must be of the same manufacturer, type designation, and equal or greater interrupting rating.
 For breaker lightning surge ratings, refer to Circuit Breaker, Neutral and Grounded wire size refer to the label on the door assembly.

Breaker Filler Plates:
 Manufacturer: WFCO
 Model/Cat. No./Type: FP-01 or FP-01B

Make sure the breaker is turned back on after fixing the AC

Step 3!