



Clarus (EDS3) Door and Frame

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Slim Design with Great Visibility

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Safety and Warnings

FOR YOUR SAFETY

Read and observe all **CAUTIONS** and **WARNINGS** shown throughout these instructions.

While performing installations described; gloves, safety glasses or goggles should be worn.



Prepare Electrical Wiring

Risk of fire or electric shock. Install this kit only in luminaires that have the construction features shown in the photographs and/or drawings. Luminaires, wiring, or other electrical parts may be damaged when drilling for installation hardware. Check for enclosed wiring and components.

Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Remove and dispose of existing ballasts per any local or Federal guidelines.



BEFORE YOU BEGIN

INSTALLATION OF THIS ASSEMBLY REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF ELECTRICAL SYSTEMS AND THE HAZARDS INVOLVED. Read instructions completely and carefully.



WARNING:
TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY, OBSERVE THE FOLLOWING:

1. Use this unit in the manner intended by the manufacturer.
2. Turn power off before removing existing lighting system and follow appropriate lock out/tag out safety procedures



For use inside a commercial refrigeration case with packaged foods only.

Clarus (EDS3) Door & Frame Installation

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Clarus (EDS3) Door & Frame Installation

Preliminary Considerations for Door Servicing

Tools Required

Wrench	Wire stripper and cutter
Flat head screwdriver	Rubber or plastic mallet

Tips

- Complete replacement of wire assemblies is recommended whenever required. Splice wires only if necessary, using proper materials such as electrical tape, wire nuts, flux core solder and heat shrink.
- Apply liquid soap to rail plastic covers and gaskets upon installation, to facilitate insertion into mounting grooves.
- Keep doors clean for product efficiency. This can also help reduce energy consumption and potential health hazards.
- Whenever binding gasket or plastic parts, use food grade silicone.
- Always use the correct tool for the job to be performed. This ensures proper installation and minimizes safety risks.
- If there is any doubt about the work to be performed, consult with a certified technician or Anthony representative.
- Preventative maintenance is recommended to ensure product longevity.

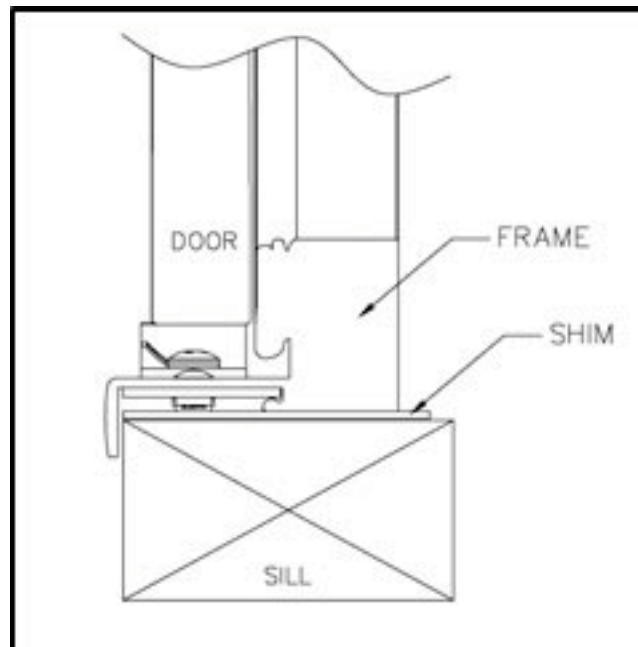
Frame Installation

1. Read instructions completely before installing the frame.
 - Clearance between the frame sill and the case bottom or floor is mandated by local building codes.
 - Sill net opening must be a minimum of two inches in height
 - Sill must be completely level.
2. Before installing the frame, confirm that the size of the net opening accommodates the finished frame. If the tolerances are too high, the net opening will have to be enlarged.
3. Check the size of finished frame to the net opening.
 - Subtract the frame height measurement from the net opening's height measurement.
 - Subtract the frame width measurement from the net opening's width measurement.
 - Divide each number in half. This is the amount of gap that will occur between the frame and the net opening.

4. If the gap between the frame and the net opening is greater than 1/16", shim the gap for a proper fit.

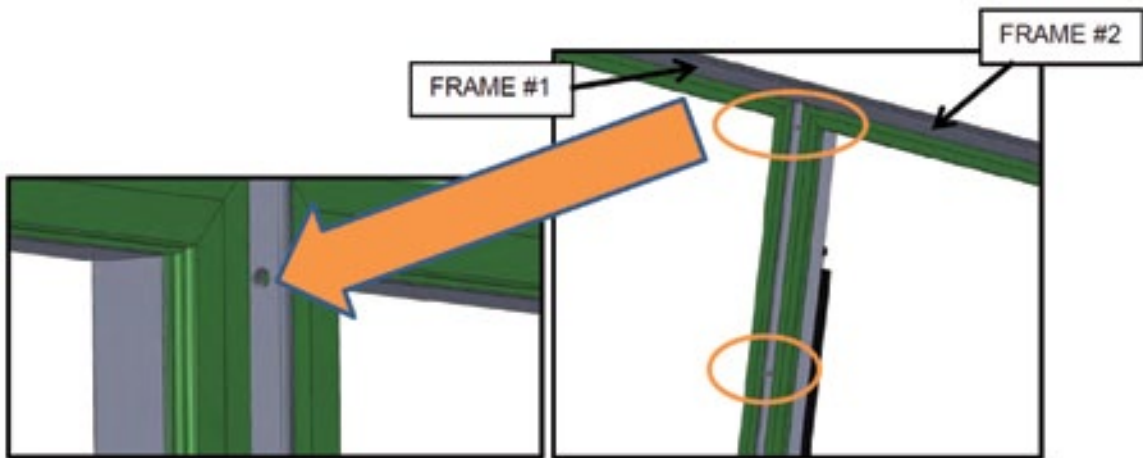
Shimming

1. Acquire sturdy, penetrable material, such as plywood. The thickness of the material should be wedge shaped or slightly less than the gap to be filled.
2. Measure the gap length (height or width of frame) and cut the shim material to 1/16" less than the measured length.
3. Install the shim using the same type of mounting hardware that will be used to install the frame. Be certain that the shim installation hardware will not interfere with the frame installation hardware
4. If necessary, cut a second shim to the same length and install it in the opposite side of the net opening.
5. If the adjacent sides of the net opening need shimming, repeat the previous steps. Match the shim length to the frame sides of the net opening (less 1/16").



Joining Multiple Frames

1. Align both frames parallel to each other on the floor. Be sure the installation holes from the end jambs are properly aligned. Use a 7/32" [.219"] drill bit to further increase the openings of all the installation holes.



2. Insert binding posts & screws [40-20677-1001] through installation holes as shown below & tighten securely.

NOTE: Use flat head screw driver for this application.



To Install the Frame

1. Verify openings conform to net openings listed in price book or original orders.
2. Insert the finished frame assembly into the net opening. DO NOT force the frame if the fit is too tight.

3. Insert a mounting screw into a mounting hole in each corner of the frame and tighten each screw until it is approximately a quarter inch from flush.
4. Check the frame is aligned properly or square.
 - Use a 16-foot measuring tape to measure diagonally one corner to the opposite and note the distance.
 - Measure the distance between the remaining two corners.
 - Both measurements should be the same, within a 1/16" difference.
5. Confirm the frame and frame flanges are vertically aligned to the wall surface around the net opening.

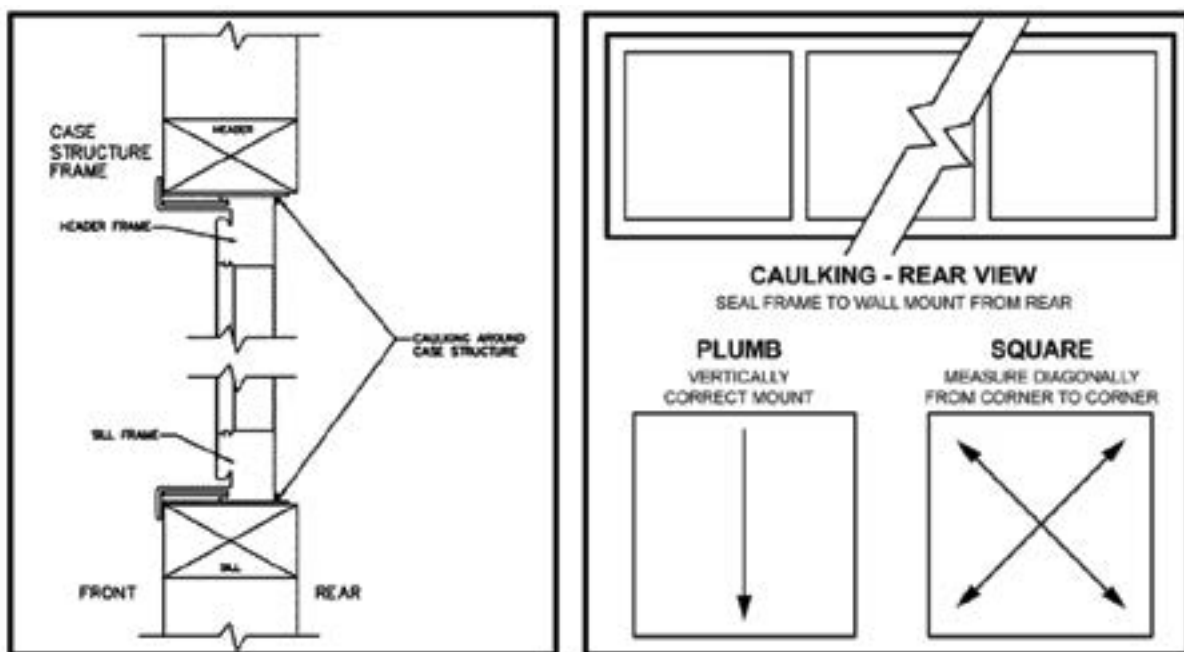
NOTE: THE FRAME MUST BE BETWEEN VERTICAL AND 4° INWARD AT HEADER FOR THE GRAVITY HINGE TO WORK PROPERLY.

6. Place a level on the top flange of the header frame to check if it is horizontally aligned.
7. If the top of the header frame sags or bows, correct as necessary.
8. When the frame is aligned, tighten all mounting screws securely until each is flush to the frame surface.

NOTE: DO NOT over-tighten the screws, as this can cause the frame to become out of square.

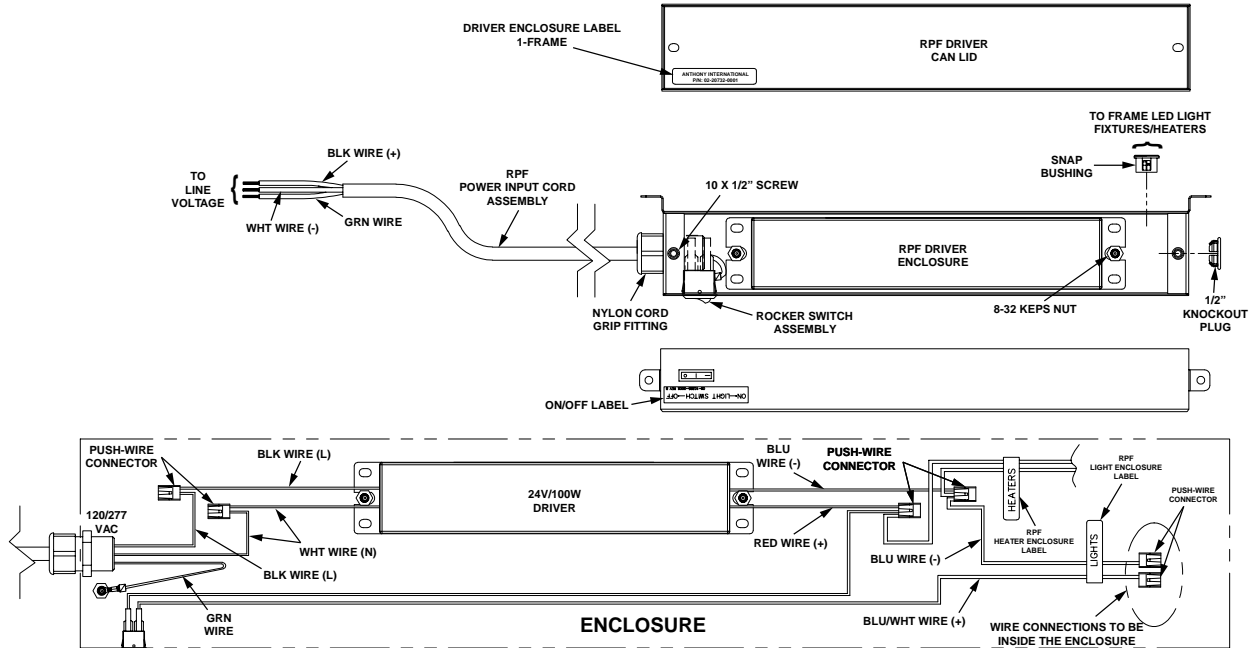
9. Check entire frame to ensure installation is correct.

NOTE: Use caulk and food grade silicone sealant to seal the gap between the frame and the surrounding wall, inside case, cooler or freezer.

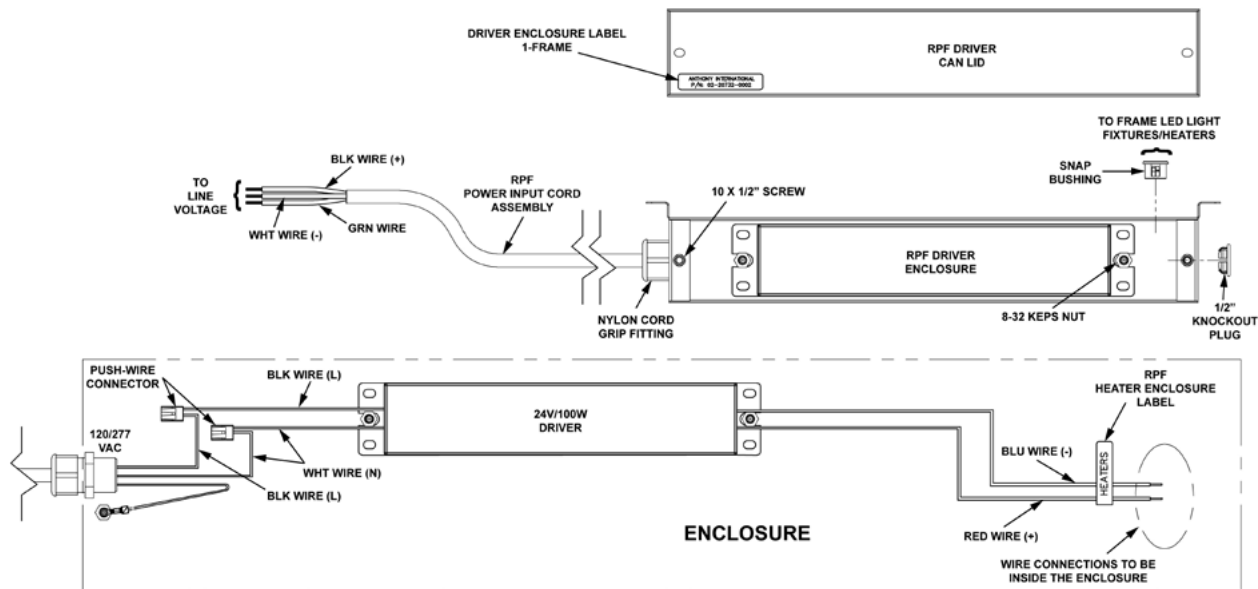


Frame Electrical Wiring Connections

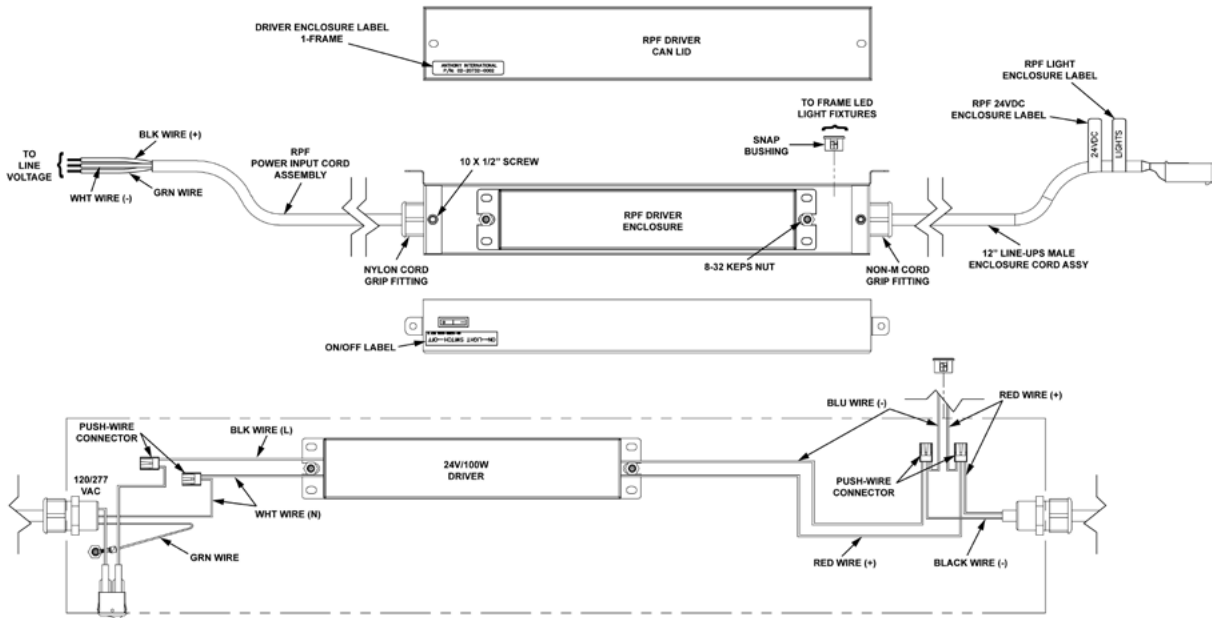
1. Connect black (+) and white (-) wires to the line voltage (100-277 VAC) from the electrical enclosure box behind the frame.



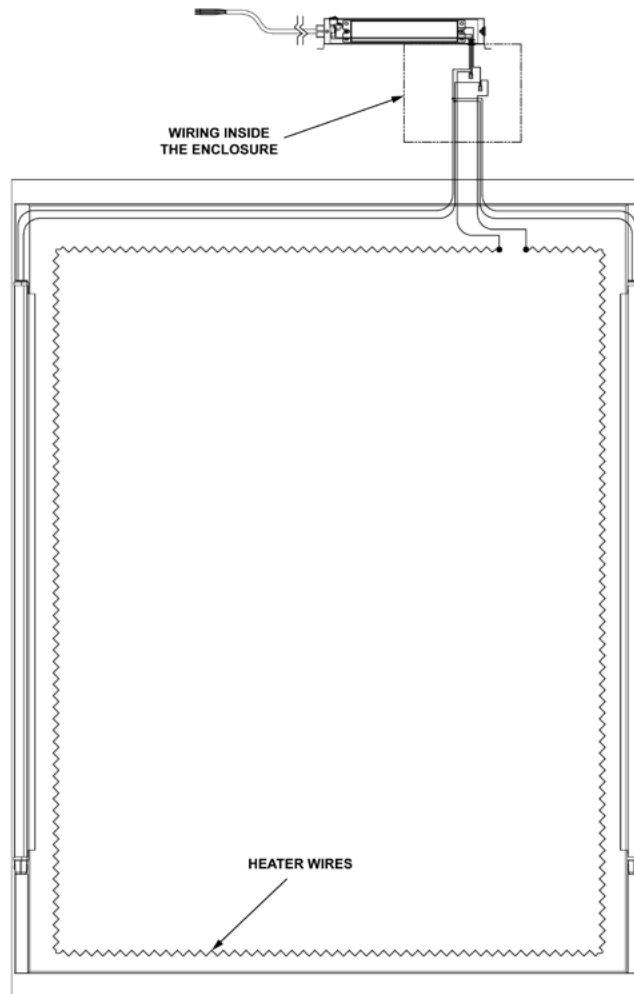
Remote Driver Enclosure Assembly - Single Frame



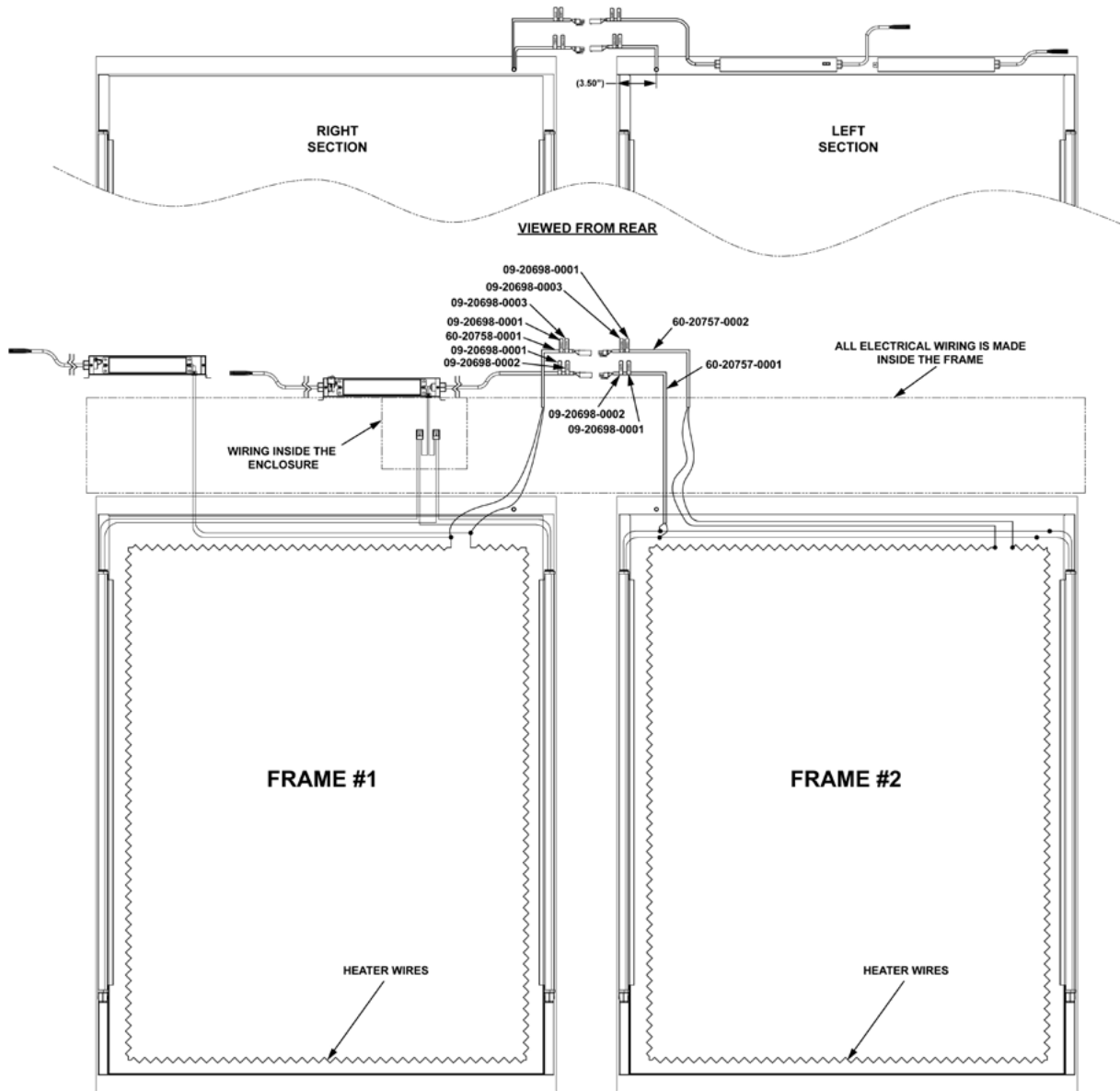
Remote Driver Enclosure Assembly - 2-3 Frames HEAT



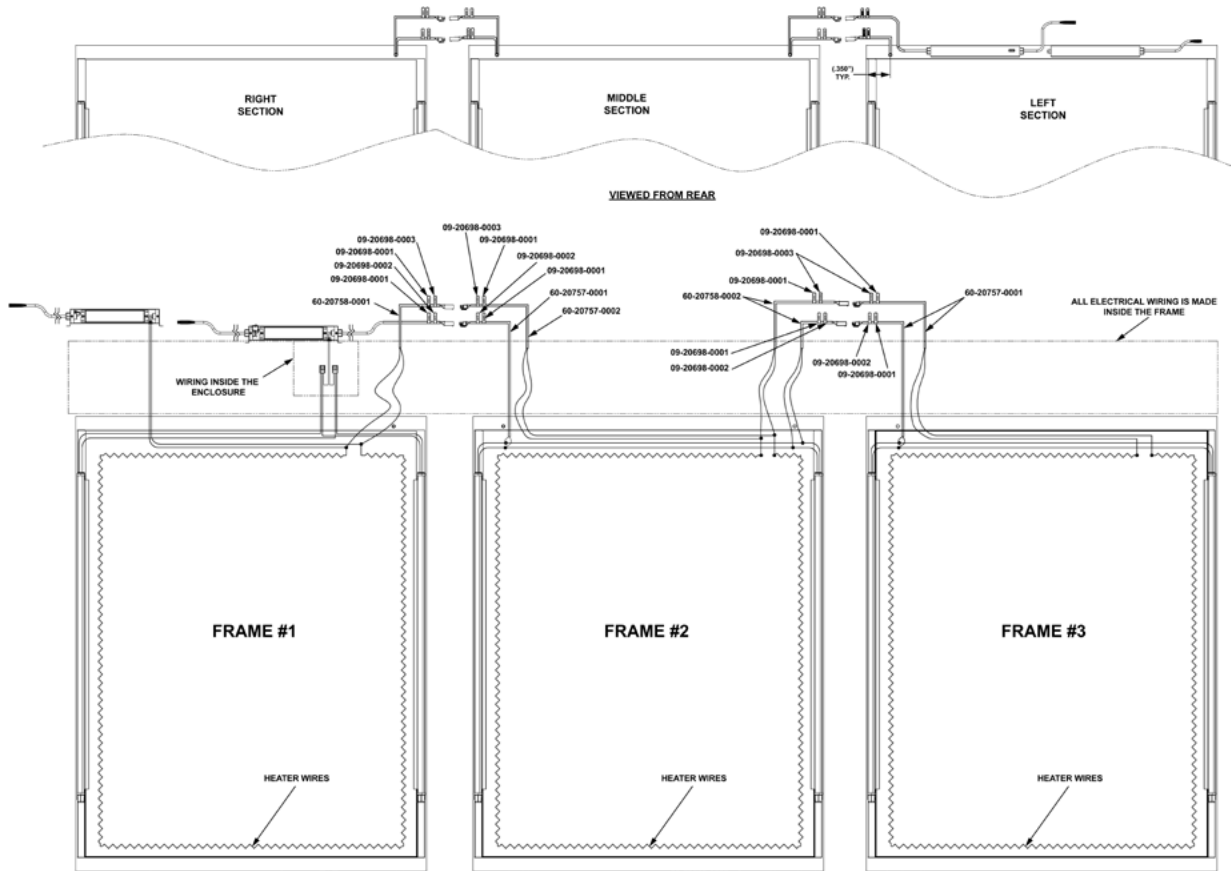
Remote Driver Enclosure Assembly - 2-3 Frames LIGHT



Remote Driver Enclosure Assembly - 1-Frame Configuration



Remote Driver Enclosure Assembly - 2-Frame Configuration

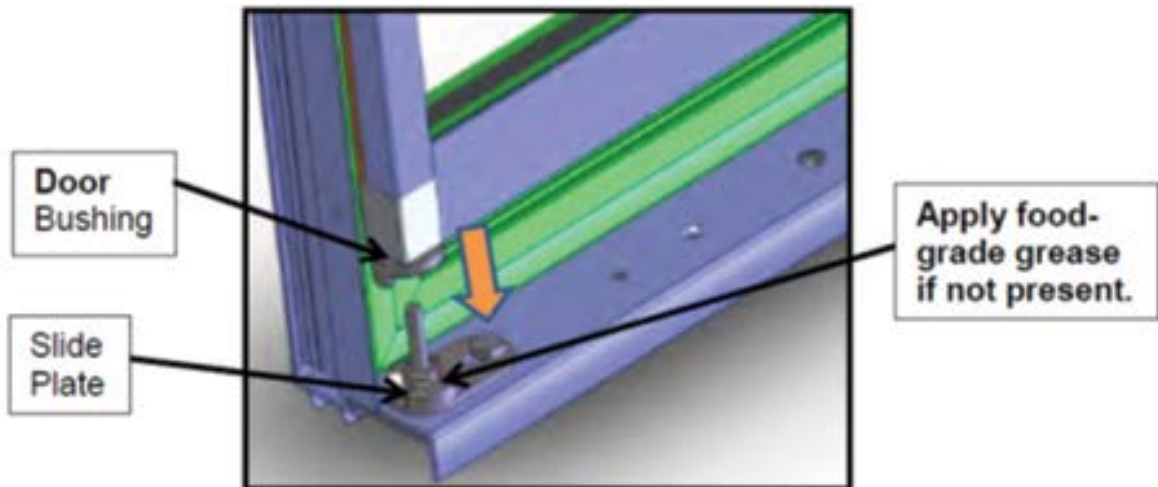


Remote Driver Enclosure Assembly - 2-Frame Configuration

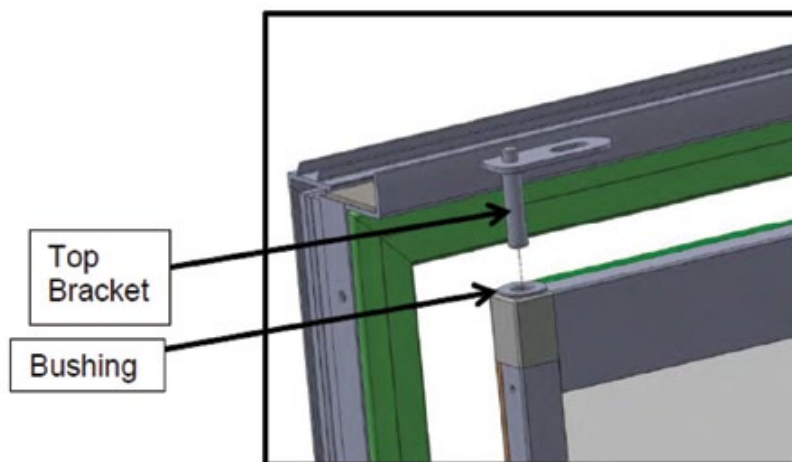
Door Installation

To Install the Door Assembly

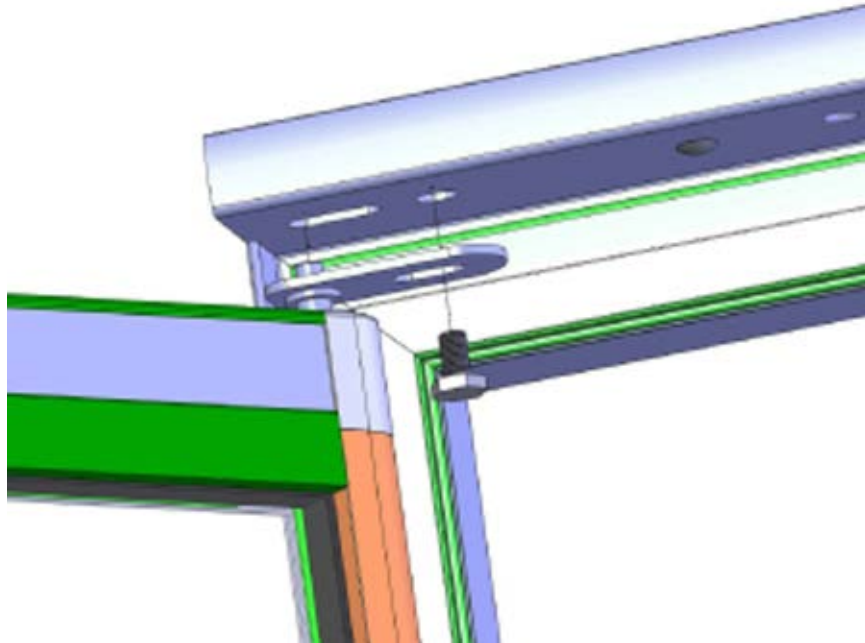
1. Hold the door on each side, with the handle facing forward. Lift the door, and align the door bushing with the slide plate's stud and drop the door into the slide plate as shown. Align the hole with the bolt as shown below and, using a wrench, turn the bolt in a clockwise direction until it is tightened and secure.



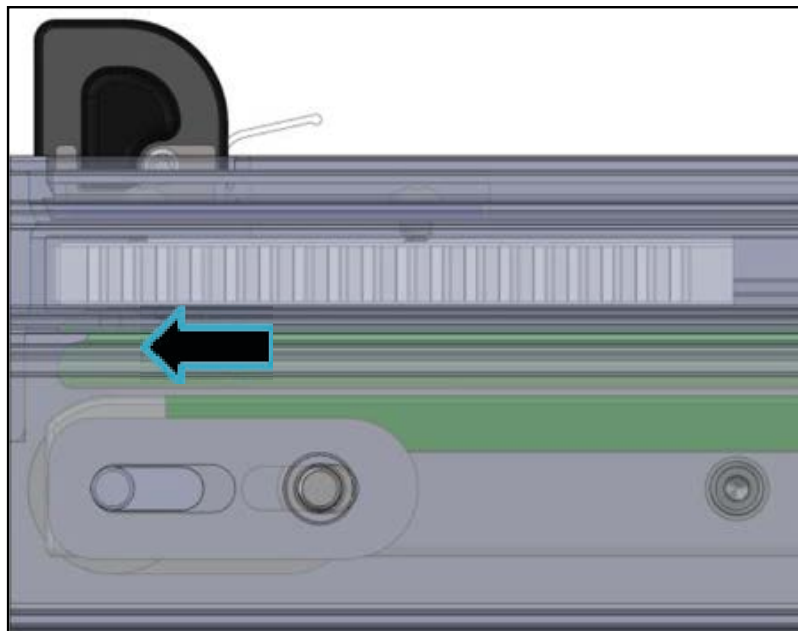
2. Insert the top bracket into the door bushing and press it in until it is fully seated with the bushing.



3. Rotate the door 90 degrees. Insert the top bracket inside the slot. Fully seat the top bracket flush to the frame header. Align the hole with the bolt as shown below and, using a wrench, turn the bolt in a clockwise direction until it is tightened and secure.



4. Top view shown below. Move the door close to the edge at the end jamb for either a right hinge swing door or left hinge swing door if applicable.



NOTE: Refer to previous door installation steps for door sag adjustment. Loosen the top and bottom screws to adjust the door to the desired position to swing properly.

Revision History

REV	ORIGINATOR	DESCRIPTION OF CHANGE	DATE
A	Paul Artwohl	Initial Release	11/12/2013
B	Harvey Tsui	Revised configuration drawings	12/18/2013
C	Sam Fisher	Revised title	09/08/2105