

Installation Instructions

RMR WALL-MOUNT ENCLOSURES

Safety Information



WARNING: Improper use of this product or failure to follow these instructions may result in equipment damage, personal injury, or death. Read and understand all instructions for proper installation and use of this product.

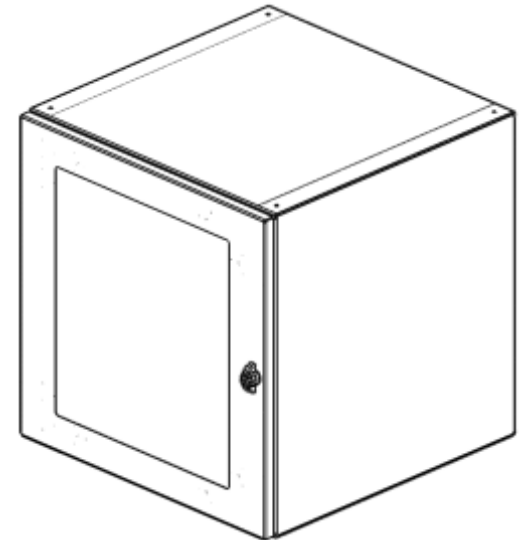


WARNING: Before loading equipment in the cabinet, be sure all parts and hardware are properly installed and tightened.

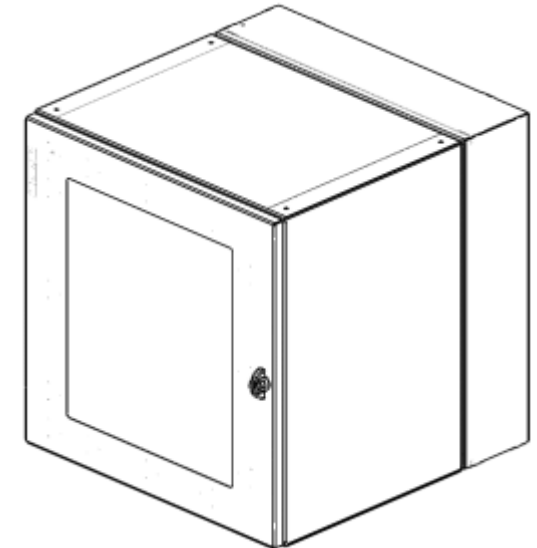
Intended Use

Install RMR Wall-Mount Enclosures only in indoor, nonhazardous locations such as manufacturing environments and warehouse distribution centers. The enclosures are rated for NEMA Type 12 and IP 55 protection, which provides protection against dirt and dust, light spray with noncorrosive liquid and penetration from oil seepage. Use indoors only; do not use outdoors. Use RMR Wall-Mount Enclosures for information technology and telecommunications equipment, systems control automation electronics and/or instrumentation. Allow only qualified service personnel to use this RMR Wall-Mount Enclosure.

RMR Fixed Wall-Mount
(A2 Model)



RMR Swing Wall-Mount
(A3 Model)



CHATSWORTH PRODUCTS

IIS-737100, 09/16/16, Rev. 1, CPI/SJG

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For international phone numbers, see our website or contact CPI Tech Support.

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Assembly Sequence – Wall Mounting

Before installing the cabinet, ensure that the wall or mounting surface has sufficient strength to support the cabinet and the expected cabinet payload. The mounting surface must also be flat and extend beyond the top, bottom, left, and right edges of the cabinet.

RECOMMENDED: Use RMR Quick Wall-Mounting Kit (ordered separately) for quick and easy mounting of RMR Wall-Mount Enclosures. See IIS-737045-001 for details.

Jump to “Assembly Sequence – Equipment Rails” (page 4) if using RMR Quick Wall-Mounting Kit

Assembly Sequence – Standard Mounting Kit

Tools Required

M13 Socket Driver

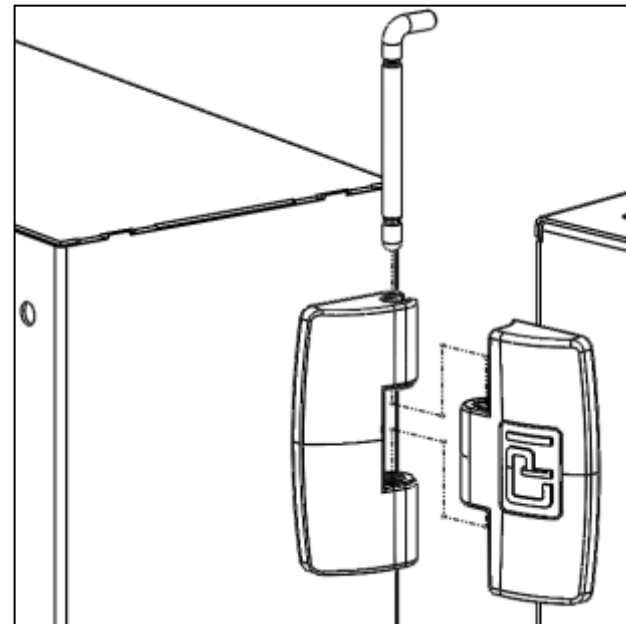
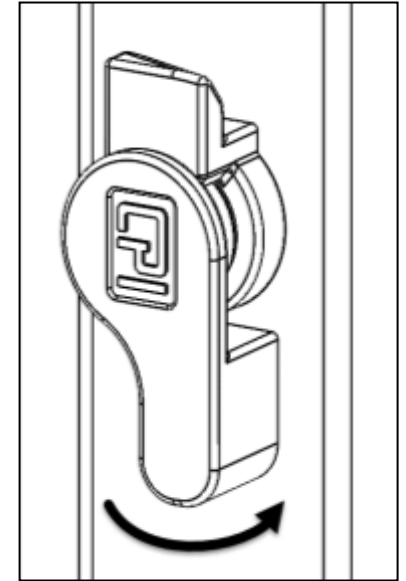
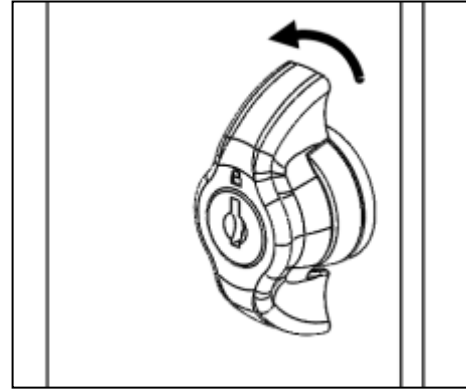
Included Hardware

- (6) Sealing Washer
- (6) M8x40 Lag Screw

Note: For A2 model RMR Fixed Wall-Mount - Start on step 2. Skip these steps and jump to “Assembly Sequence – Equipment Rails” (page 4) if using RMR Quick Wall-Mounting Kit.

Step 1: Separate Center Chassis from Rear Chassis- For A3 models, RMR Swing Wall-Mount Enclosure only

1. Determine which side the cabinet will hinge from. The cabinet is shown with the hinge on the left side. Invert the cabinet to position the hinge on the right side.
2. Rotate front door latch counterclockwise to open Front Door to gain access to center chassis latch.
3. Rotate center chassis latch(es) counter-clockwise and swing open center chassis 120 degrees.
4. Pull out hinge pins to separate center chassis from rear chassis.



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Step 2: Mounting Rear Chassis to the wall

5. Determine desired location of cabinet on wall.
6. Place rear chassis flush against wall at desired location.
7. Use the rear chassis as a template and drill pilot holes for the two top corner lag screws.

Note: The lag screws are intended to go through $\frac{3}{4}$ " (19mm) plywood back-board and then into wood wall studs. For masonry or other surfaces, the installer must provide appropriate hardware.

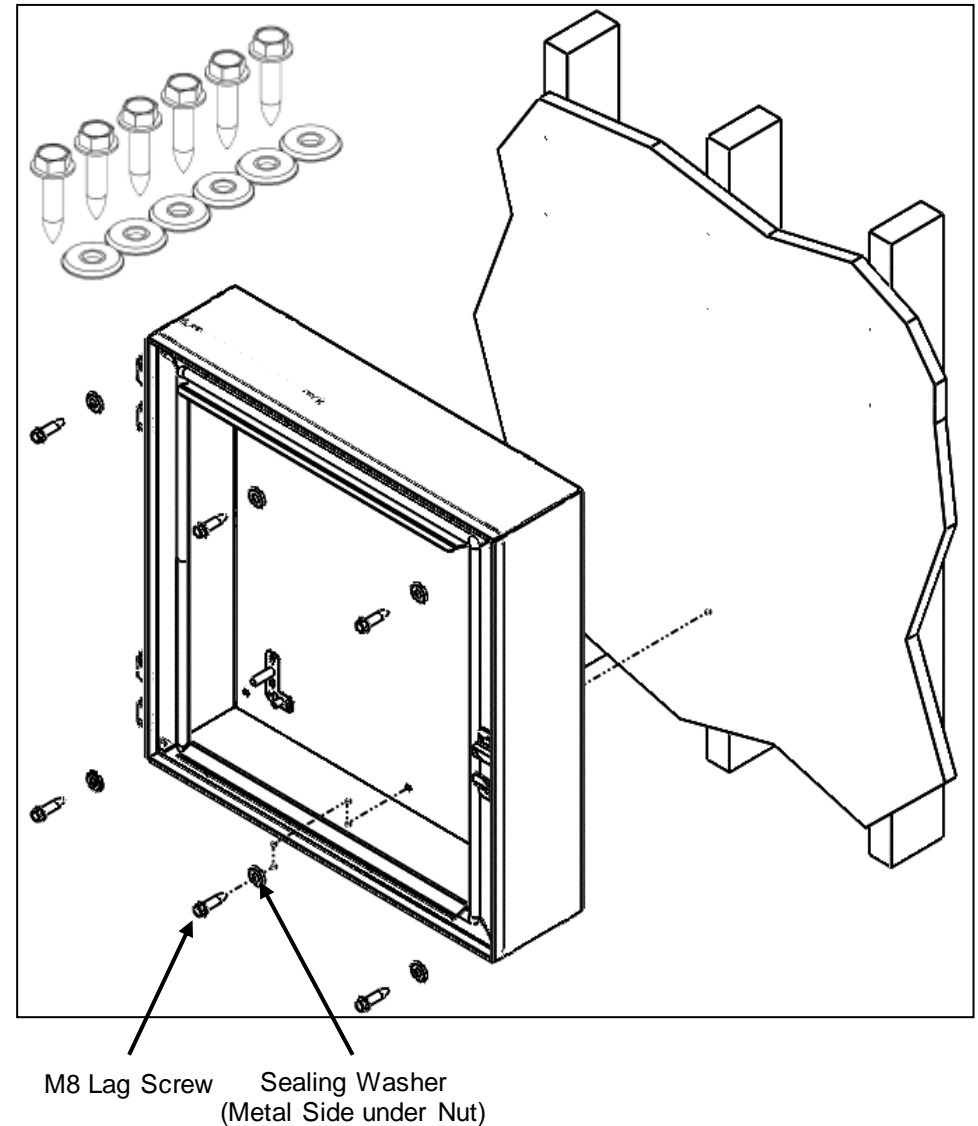
8. Install left lag screw with washer through rear chassis into wall.
9. Rotate rear chassis until level.
10. Install right lag screw with washer through rear chassis into wall.
11. Drill pilot holes for remaining lag screws.
12. Install remaining lag screws with washers through rear chassis into wall.



WARNING: Rear chassis must be secured to the wall with 6 lag screws. Do not attach center chassis until all 6 lag screws are installed.

Step 3: Attach Center Chassis to Rear Chassis – For A3 model, Swing Wall-Mount Enclosure only

13. Lift center chassis to realign cabinet hinges.
14. Reinsert hinge pins to join center chassis to rear chassis.



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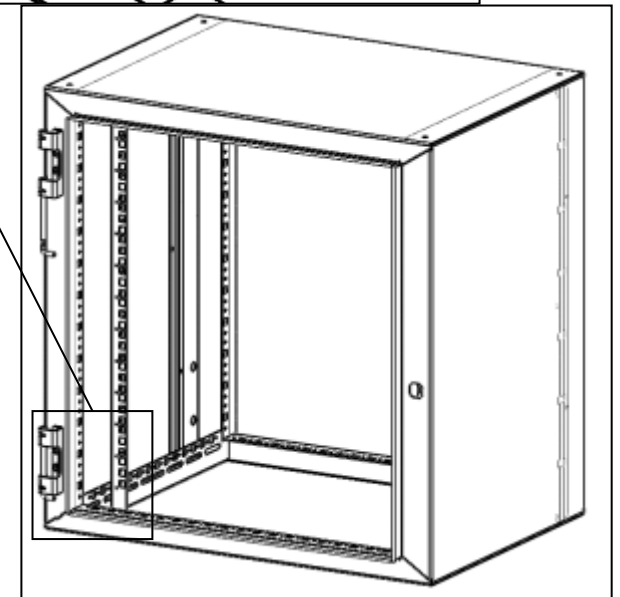
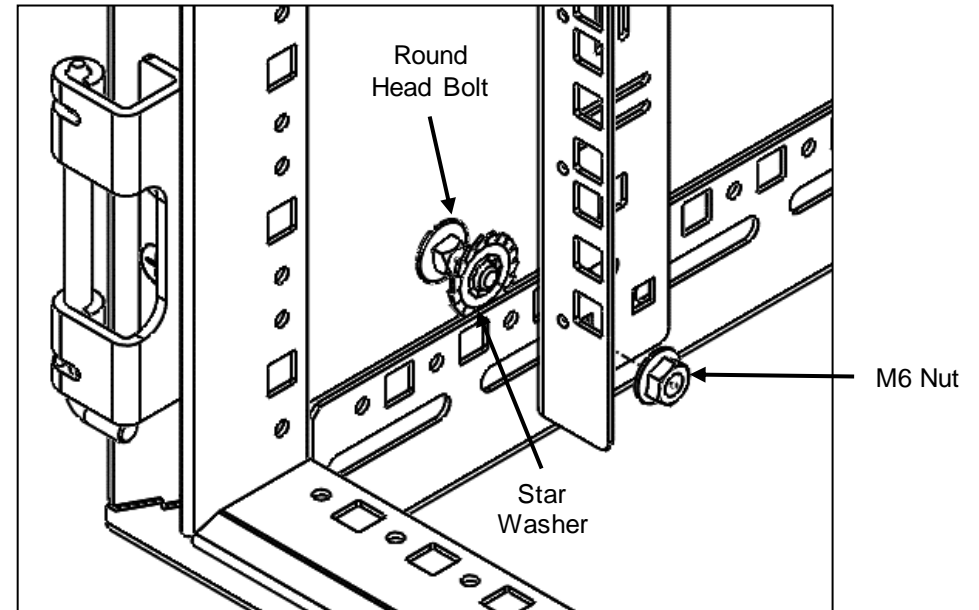
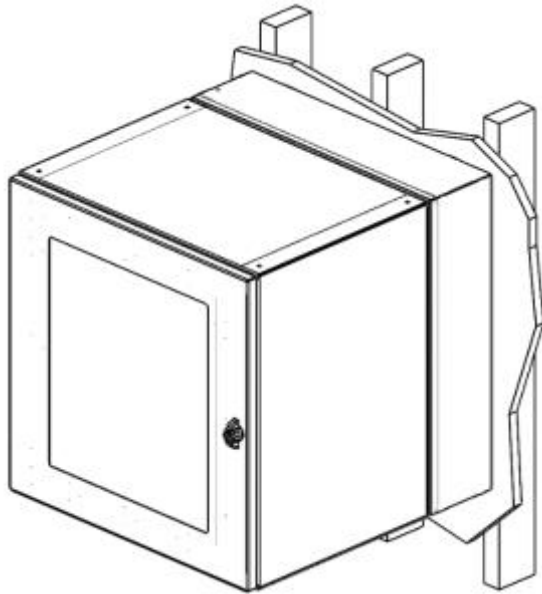
Assembly Sequence – Equipment Rails

Tools Required

M10 Socket Driver

Step 1: Equipment Rail Adjustment

15. Loosen nut. Slide rail to new position, or remove hardware to locate to a different slot.
16. Install round head bolt through star washer and slot in mounting flange.
17. Install rail over bolt.
18. Attach nut and tighten. (Torque 168 IN-LB [19.0 N-M])



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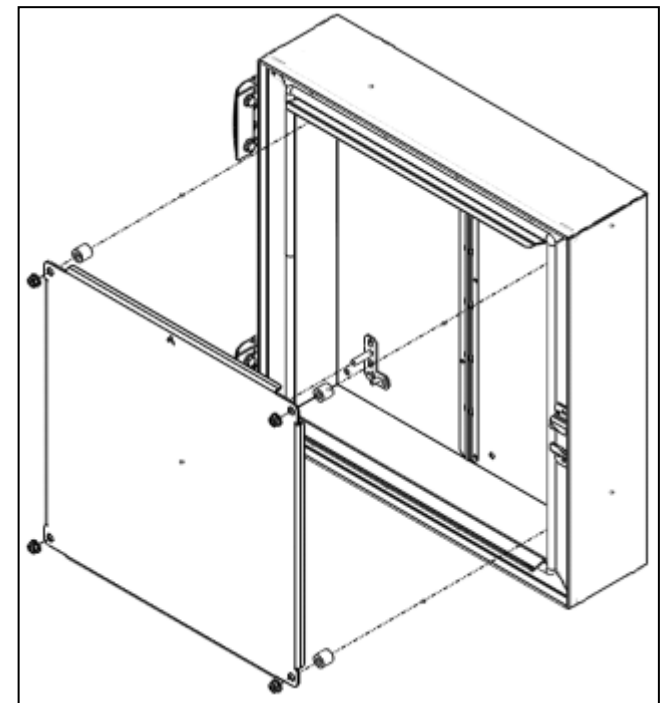
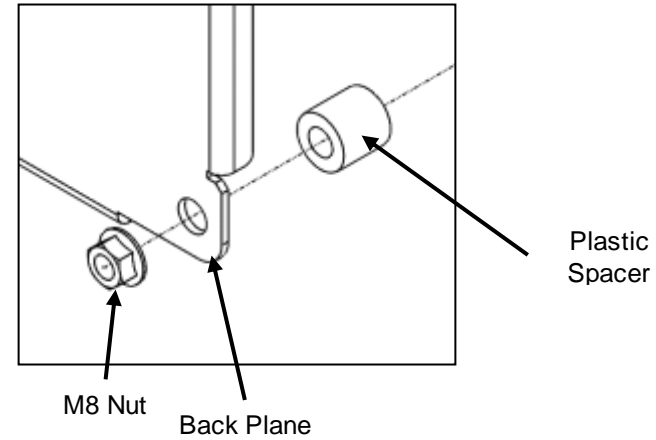
Assembly Sequence – Rear Back Plate Mounting

Tools Required

M13 Socket Driver

Step 1: Rear Back Plate Mounting

1. Install plastic spacers over M8 studs in cabinet
2. Install back plane (arrow at top) onto M8 studs
3. Attach nuts and tighten. (torque 168 IN-LB [19.0 N-M])



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Assembly Sequence – Adjustable Mounting Plate

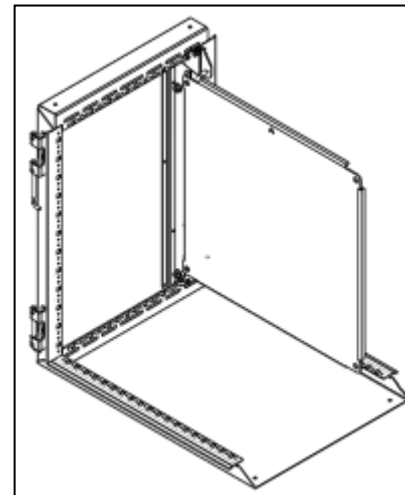
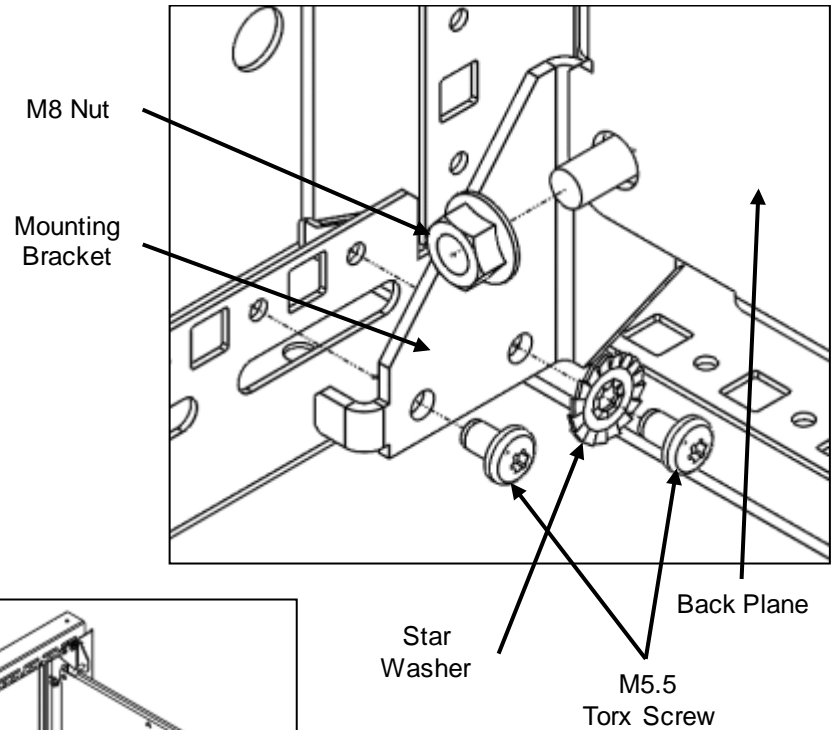
Tools Required

M13 socket driver

T25 Torx screw driver

Step 1: Adjustable Mounting Plate

1. Insert tab on mounting bracket into square hole
2. Attach with two M5.5 Torx screws with star washer (Torque 44 IN-LB [5 N-M]).
3. Insert Adjustable Mounting Plate onto M8 studs on mounting brackets (arrow on top)
4. Secure with M8 Nuts (Torque 168 IN-LB [19.0 N-M])



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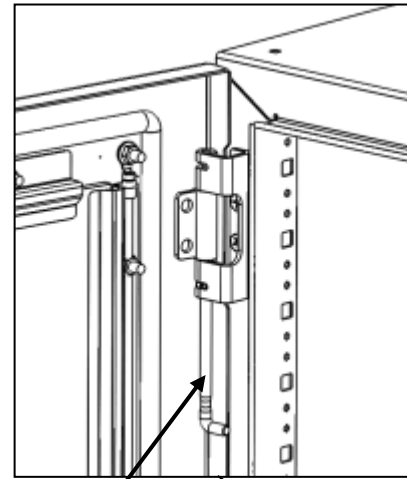
Assembly Sequence – Door Assembly and Bonding

Tools Required

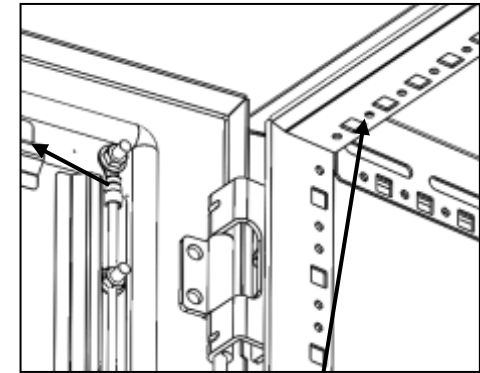
T25 Torx screw driver

Step 1: Door Bonding

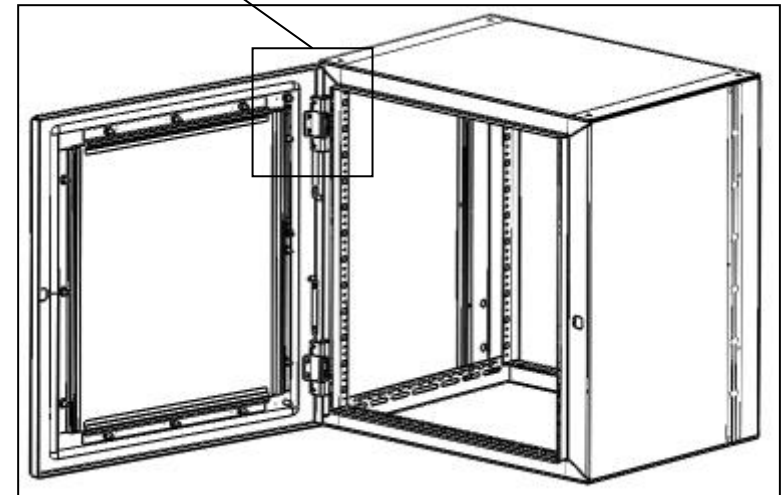
1. Align hinges on door with hinges on cabinet.
2. Press hinge pins through door hinges until fully seated. (detent engaged)
3. Attach ground wire to circular hole using M5.5 Torx panhead screw (torque 44 IN-LB [5 N-M]).



Hinge Pin
Shown unseated



Attach
Ground Wire
to hole



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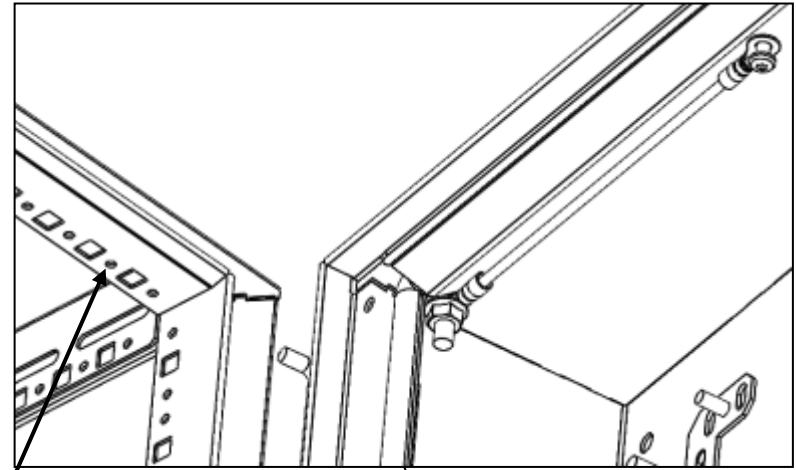
Assembly Sequence – Center Chassis Bonding

Tools Required

T25 Torx screw driver

Step 1: Door Bonding

1. Attach ground wire to circular hole using M5.5 Torx panhead screw (torque 44 IN-LB [5 N-M]).



Attach Ground
Wire to hole

