COMMSCOPE®

Installation Instructions

864 FDH RESKIN KIT (DRAFT 6)

Contents

1 General product information

This installation instruction document describes the re-skin operation of the 864 cabinet. Images in this manual are for reference only.

2 General safety precautions

2.1 Fiber optic cables may be damaged if bent or curved to a radius that is less than the recommended minimum bend radius. Always observe the recommended bend radius limit when installing fiber optic cables and patch cords.

2.2 Exposure to laser radiation can seriously damage the retina of the eye. Do not look into the ends of any optical fiber. Do not assume the laser power is turned off or that the fiber is disconnected at the other end.

3 Kit Content

- Cabinet shell including center post and locate panel
- Isolation Pad
- Designation labels

4 Product image

864 FDH 3000 Cabinet

5   Remove damaged cabinet

5.1   Open FDH with can wrench.

Cabinet - Doors Closed

Cabinet - Doors Open

5.2   Inspect the internal parts of the FDH. The swing frames need to be in good condition.

Check Condition of Swing Frames and Center Post

Required tools:
- 5/32" Hex Head Bit
- 9/16" Socket Wrench
- 3/8" Socket Wrench
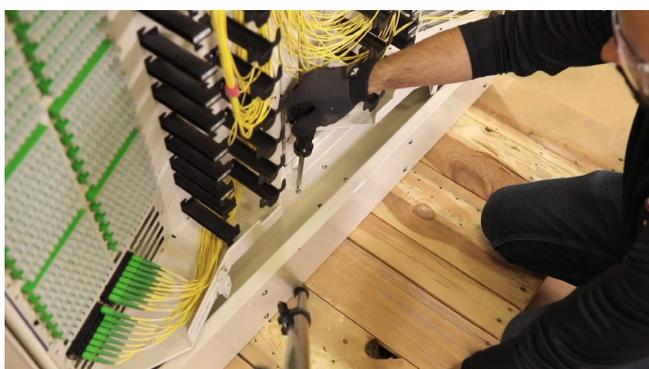- Can Wrench
- Large Phillips Screwdriver

Tool List

Note: If the riser is damaged a new riser kit will need to be ordered separately.

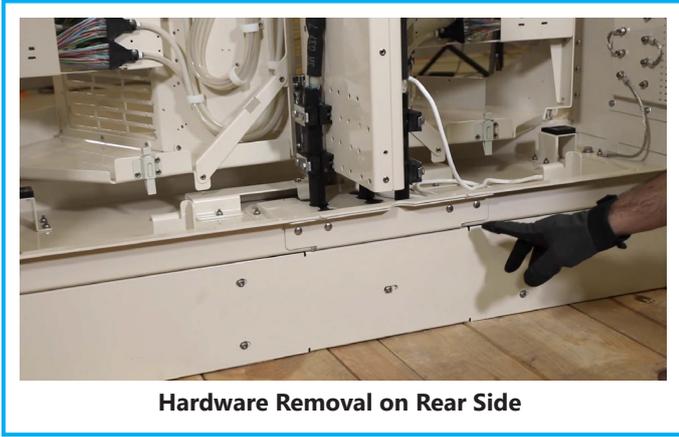Tools required for installation:
-        5/32" Hex Head Bit
-        9/16" Socket Wrench
-        3/8" Socket Wrench
-        Can Wrench
-        Large Phillips Screwdriver

5.3   Remove front hex head screws. **Note:** Retain all mounting hardware and ground wires for later re-use.

Hardware Removal on Front Side

5.4   Remove the rear attachment plates. (6 Pictures)
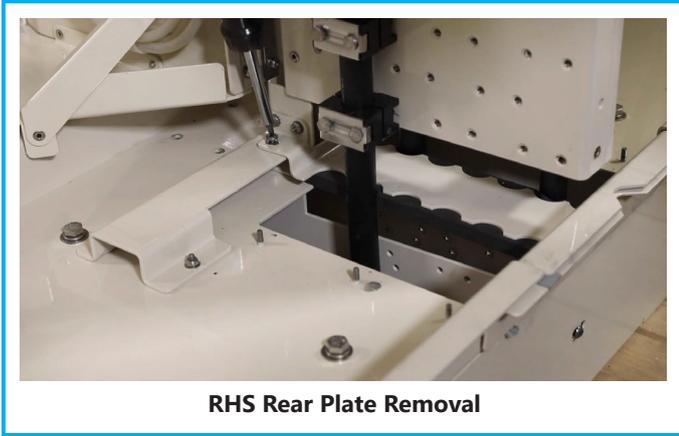

Hardware Removal on Rear Side

LHS Rear Plate Removal

LHS Rear Plate Removal

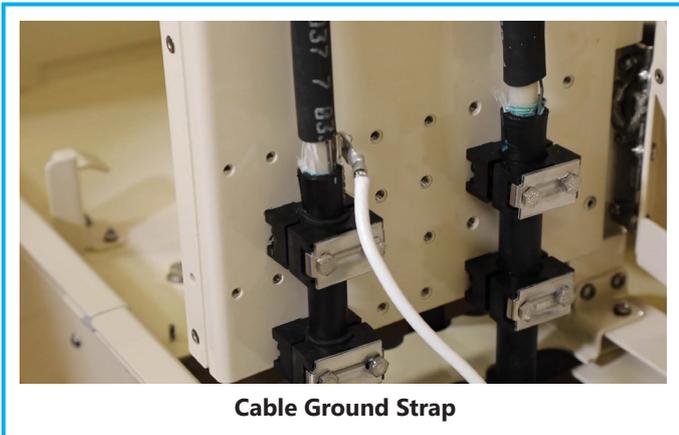**LHS Rear Plate Removal**

RHS Rear Plate Removal

RHS Rear Plate Removal

5.5   Remove ground straps from cables and ground locate panel. (2 Pictures)

Cable Ground Strap

Locate Panel Ground Strap

5.6   Remove swing frame stops from cabinet shell. (2 Pictures)

Upper Rear Swing Frame Stops

Lower Swing Frame Door Stop

5.7   Remove bolts from base of cabinet shell. There are 4 bolts under the RHS swing frame and 4 bolts under the LHS swing frame.

Cabinet Shell Bolt Removal

5.8   Remove the screws holding the central post to the FDH shell. (2 Pictures)

Top Center Post Hardware Removal

Bottom Center Post Hardware Removal

5.9   Apply tape to the swing frame latches to keep them in the open position.

Tape on Swing Frame Latch

5.10   Remove the damaged cabinet shell by moving it toward the front and away from the swing frames. (2 Pictures).
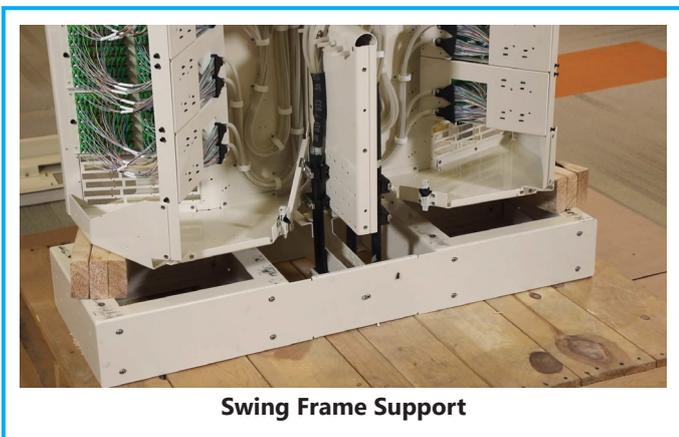

Cabinet Shell Removal

Cabinet Shell Moved Away from Swing Frames and Center Post

5.11   Support the swing frames using wood blocks

Swing Frame Support

6   Install new cabinet shell

New Cabinet Shell

6.1   If applicable install the new riser.

Riser Kick Plate Removal

6.2   Remove swing frame stops from new cabinet shell at both the top and bottom. (2 Pictures)

Top Swing Frame Stop Removal

Bottom Swing Frame Stop Removal

6.3   Remove the center post from the new cabinet shell. (2 Pictures)

Bottom of Center Post

Center Post Removal

6.4   Slide the new shell from the front and back over the swing frames. (2 Pictures)

New Cabinet Shell in Position for Placement

**New Cabinet Shell Placed Over
Swing Frames and Center Post**

6.5   Attach center post to new cabinet shell and then reassemble cabinet in reverse order. (10 Pictures)

Center Post Re-attachment

Re-attach Cabinet Shell Bolts

Re-attach Front Screws

Re-attach RHS Bottom Plate

Re-attach LHS Plate

Remove Tape from Swing Frame Latches

Re-attach Swing Frame Stops

Re-install Ground Wires

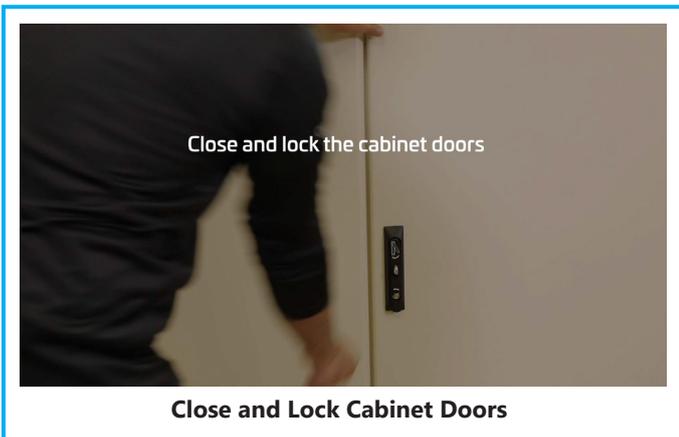**Re-attach Ground Wire at Cable**

Re-attach Ground Wire at Locate Panel

6.6   Transfer label information to new doors.

Apply New Labels

6.7   Close and lock the cabinet doors.

Close and lock the cabinet doors

Close and Lock Cabinet Doors

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