

**FPU® SYSTEMS OPERATION MANUAL
BOH OFFICE MODULE
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)
BOH FPU Field Pack-up Units**

**CHAPTER 5
UNIT MAINTENANCE INSTRUCTIONS**

This page was intentionally left blank

UNIT MAINTENANCE INSTRUCTIONS

FPU® SYSTEMS OPERATION MANUAL BOH OFFICE MODULE (INCLUDING REPAIR PARTS & SPECIAL TOOL LIST) BOH FPU Field Pack-up Units

RIVET REPLACEMENT

INITIAL SETUP:

Materiel/Parts

Rivet Replacement Kit

Personnel Required

One

Tools

Rags, 1/2 hp. Electric Drill, Pop Rivet Tool, 3/16" drill bit and Needle Nose Pliers

References

None

Equipment Condition

Rivet Replacement

INSPECT AND REPAIR

Remove and Replace Rivets

CAUTION

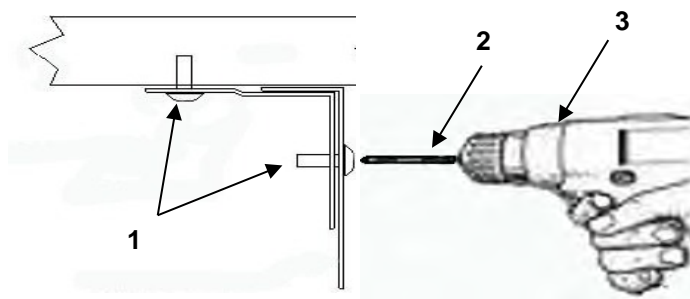
When removing a rivet (1), always ensure that the drill bit (2) will not contact or damage other parts behind the rivet (1).

1. For any rivet replacement, ensure there is nothing behind the area of the rivet (1) to be replaced that might be impacted by the drill bit (2).
2. To remove a rivet, wipe the rivet surfaces clean, use a 1/2 hp. electric drill (3) with a 3/16" drill bit (2), and drill through the center core of the rivet (1).

WARNING

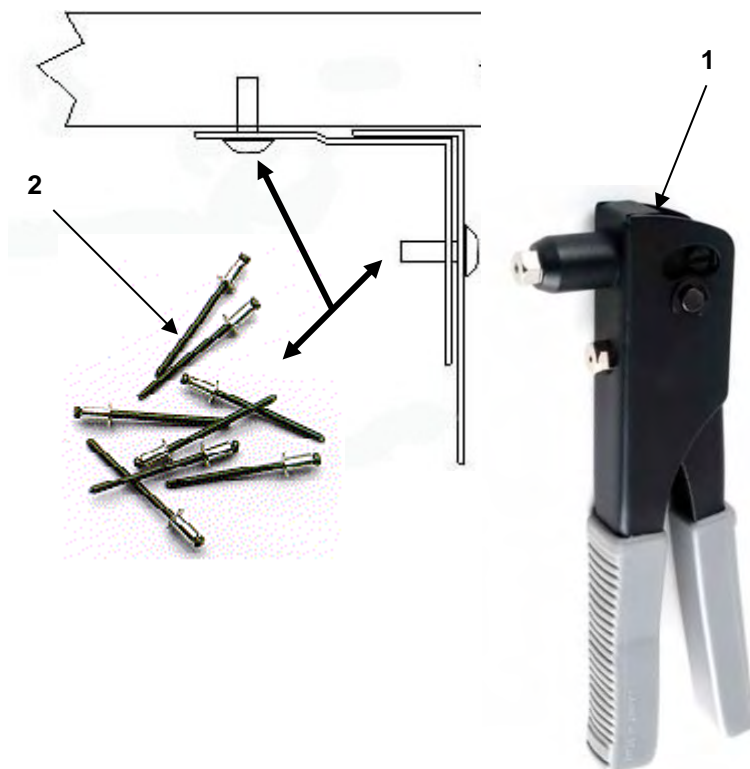


Use proper eye protection when operating a drill.



3. Remove the remainder of any rivet debris with needle nose pliers and wipe the hole clean with a rag.

4. Ensure the holes are properly aligned.
5. Insert a new rivet (2), 1/8" or 3/16" DIA, through the holes of both items to be secured and into the pop rivet tool (1).
6. Use the pop rivet tool (1) to secure the rivet (2) and item in place.
7. Check for proper alignment and tight attachment of the item.



END OF WORK PACKAGE

UNIT MAINTENANCE INSTRUCTIONS

FPU® SYSTEMS OPERATION MANUAL BOH OFFICE MODULE (INCLUDING REPAIR PARTS & SPECIAL TOOL LIST) BOH FPU Field Pack-up Units

EXTERIOR REPAIR

INITIAL SETUP OR STORAGE:

Materiel/Parts

Lubricant (review Table 1 & 2 Lubrication in WP 0018 00)

Personnel Required

One

Tools

None

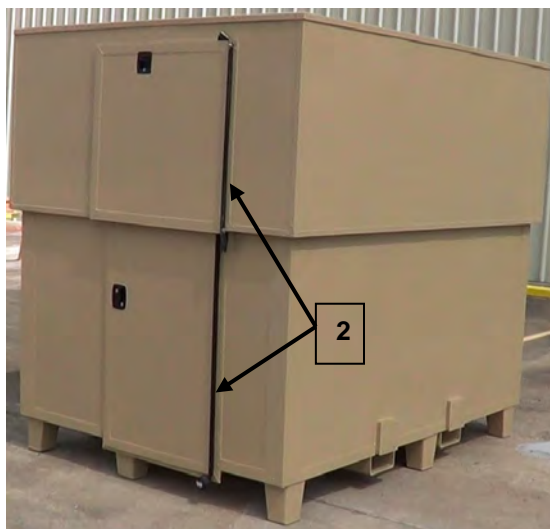
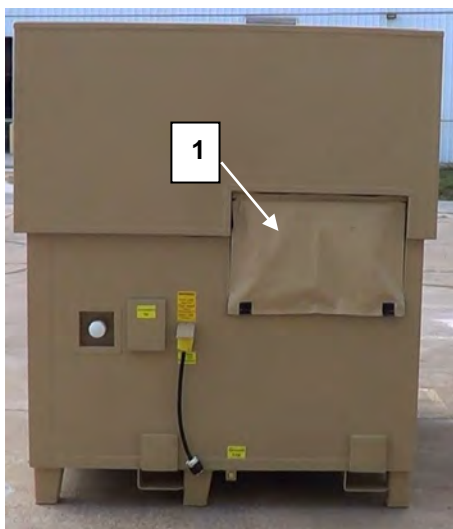
References

Chapter 2 WP 0008 00

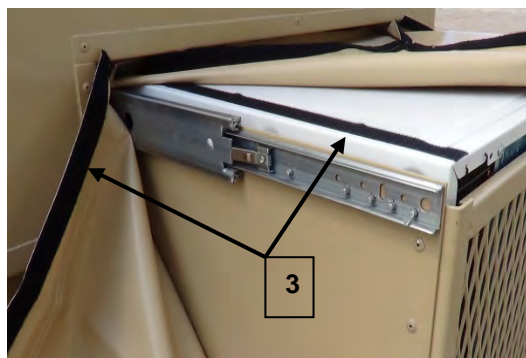
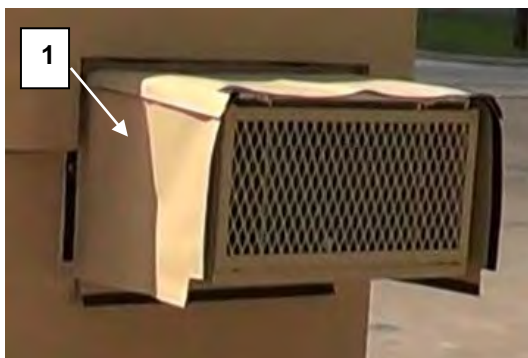
Equipment Condition

Office Module Setup

INSPECT



1. Inspect the container exterior for damage.
2. Inspect doors and door seals (2) for damage.
3. Inspect for missing or damaged HVAC cover (1), velcro damage or foreign debris in the hook and pile fabric (3).



SERVICE

1. Should repairs require removal of the roof (ie, damaged seals (1) between roof and bottom section), coordinate directly with the manufacturer.



2. Repair or clean door seals as necessary if damaged. Replace if torn or beyond repair.
3. Wash the HVAC velcro hook and pile fabric with soap and rinse with water when needed, or replace if damaged.

END OF WORK PACKAGE

UNIT MAINTENANCE INSTRUCTIONS

FPU® SYSTEMS OPERATION MANUAL BOH OFFICE MODULE (INCLUDING REPAIR PARTS & SPECIAL TOOL LIST) BOH FPU Field Pack-up Units

INTERIOR REPAIR

INITIAL PREOPERATION:

Materiel/Parts

Lubricant (see Table 1 & 2 Lubrication in WP 0018 00)

Personnel Required

One

Tools

Allen Wrench, Socket Wrench

References

Chapter 2 WP 0011 00

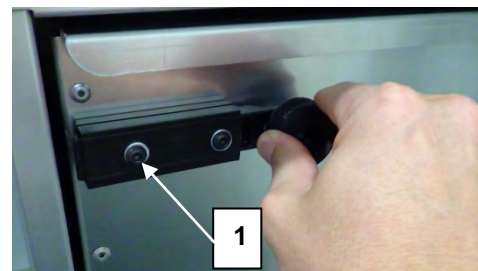
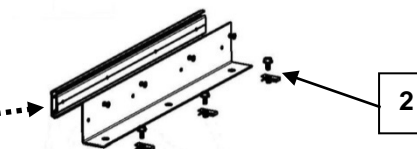
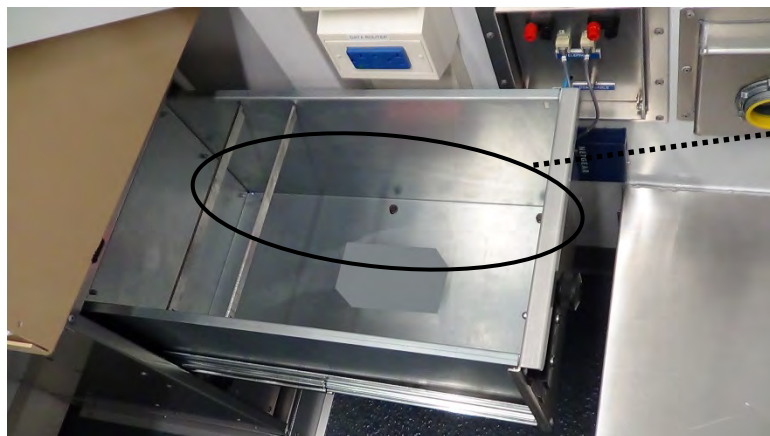
Equipment Condition

Office Module Preoperational

INSPECT

Doors and Drawers

1. Inspect upper and lower door lock sets and hinges for smooth operation.
2. Inspect door seals for cut, cracked or missing seals.
3. Inspect file cabinet drawer latches. If damaged, use Allen wrench to repair or replace.



SERVICE

1. Clean and lubricate door mechanisms. Repair or replace if lock sets are dysfunctional.
2. Lubricate the door hinge. See Chapter 4 WP 0018 Table 1 and 2.
3. Clean, repair or replace damaged door seals.
4. Use Allen wrench to repair or replace damaged cabinet drawer latches (1).
5. To remove drawer, use socket wrench to unscrew the 6 screws (3 each side) (2) inside the drawer to detach the drawer from the slides.

END OF WORK PACKAGE

This page was intentionally left blank

UNIT MAINTENANCE INSTRUCTIONS**FPU® SYSTEMS OPERATION MANUAL
BOH OFFICE MODULE
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)**

BOH FPU Field Pack-up Units

ELECTRICAL REPAIR

INITIAL SETUP:**Materiel/Parts**

Power Source Connectors

Personnel Required

Two Operator/Electrician

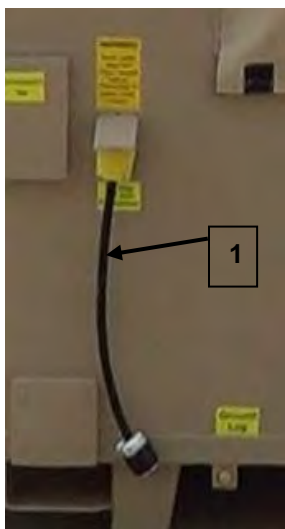
References

Chapter 2 WP 0010 00

Equipment ConditionOffice Module Setup

Exterior Electrical Power Cable

1. Ensure there are no damages to the angle plug electrical cord (1) provided prior to connection. Cord shall be properly connected to 120 VAC power source. Ensure all connections are tight and secure.



WARNING



Ensure HVAC circuit breakers and the power source is switched off before making electrical connections, electrical repairs and grounded connections. Any and all electrical repair of the 120 VAC system must be made by a certified electrician Army MOS 21R.

Circuit Breakers

1. Test each circuit breaker and the GFCB reset to ensure they operate properly.



2. Test the 7-outlet surge strip (above the upper shelf) and all electrical outlets (outlet below desk and designated outlets for HVAC and data switch) with a circuit tester or an appliance. If the appliance fails, reactivate circuit breaker.
3. Internal Electrical Wiring Diagram found on page 0010 00-3.

HVAC

SERVICE

1. Refer to Appendix for Frigidaire HVAC Manual Care and Cleaning Instructions.

REPAIR

NOTE

Any HVAC service and repair must be made by a qualified Utilities Equipment Repairman MOS91C

1. For HVAC repair information or replacement parts, filters, etc., refer to Frigidaire HVAC Manual found in the appendix (Model FFTH0822Q1) or go to www.frigidaire.com.

WARNING

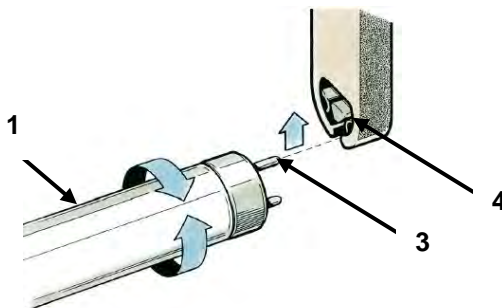
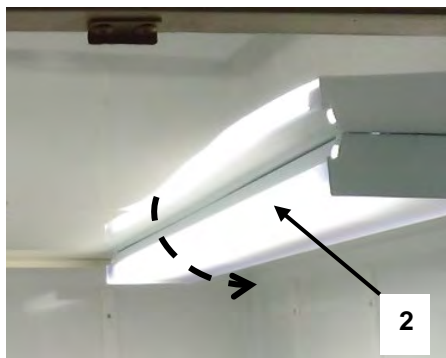


Ensure HVAC circuit breakers and the power source is switched off before making electrical connections or electrical repairs. Any and all electrical repair of the single phase 120 VAC must be made by a certified electrician Army MOS 21R.

Light Fixture

INSPECT and REPAIR

1. Switch off the lighting and switch off the circuit breaker.
2. To access the fluorescent tubes (1) for replacement, push up on the flexible cover (2) till the flanges are disengaged then pull the cover down to access the light tubes (1).
3. Rotate the fluorescent tube (1) until the prongs (3) drop free of the mounting.
4. Remove and reuse the red sleeve on the replacement tube.
5. Align the prongs (3) of both ends of the fluorescent tube (1) to the mount, push up and rotate 90 degrees or until the tube (1) is seated in the mount (4).
6. Return the cover (2) and turn light switch on to test the light.



WARNING



Fluorescent tubes may contain hazardous material. Consult DOD disposal instructions and procedures for fluorescent tubes.

END OF WORK PACKAGE

This page was intentionally left blank