

**BOH SOLUTIONS OPERATION MANUAL
(INCLUDING REPAIR PARTS)
EXPEDITIONARY JOINT OPERATIONS CENTER (EJOC®)**

CHAPTER 3

TROUBLESHOOTING PROCEDURES

This page was intentionally left blank

TROUBLESHOOTING PROCEDURES

BOH SOLUTIONS OPERATION MANUAL
(INCLUDING REPAIR PARTS)
EXPEDITIONARY JOINT OPERATIONS CENTER (EJOC®)

INTRODUCTION

Introduction

The malfunction/symptom index in WP 0010 00 is a quick reference for finding the troubleshooting procedures. Associated with each symptom name is a table number representing the starting point in a troubleshooting sequence contained in WP 0011 00. The troubleshooting index is broken down by component. Find the component and malfunction/symptom, review the referenced table for the test or inspection and perform the corrective action. This type of activity continues until successful fault isolation is achieved.

Troubleshooting Procedures

The troubleshooting work package 0011 00 contains tables listing the malfunctions, checks or inspections, and corrective actions required to return the equipment to normal operation. Perform the steps in the order they appear in the tables.

The work package is headed by an initial setup. This setup outlines what is needed as well as the conditions that must be met before starting the task. **DO NOT START A TASK UNTIL:**

- You understand the malfunction.
- You understand what you are to do to correct the malfunction.
- You understand what is needed to do the work.
- You have the things you need.

This manual cannot list all malfunctions that may occur or all tests, inspections and corrective actions. If a malfunction is not listed, or is not corrected by listed corrective actions, notify unit maintenance.

END OF WORK PACKAGE

This page was intentionally left blank

TROUBLESHOOTING PROCEDURES

BOH SOLUTIONS OPERATION MANUAL
(INCLUDING REPAIR PARTS)
EXPEDITIONARY JOINT OPERATIONS CENTER (EJOC®)

TROUBLESHOOTING INDEX

TROUBLESHOOTING INDEX (OPERATOR)

Malfunction/Symptom	Refer to WP 0011 00 Table 1, Malfunction Number
Initial Setup	
Install/Remove Rear Roller Assembly	
Unable to Install Rear Roller Assembly	1
Securing FPU to PLS Trailer	
Unable to Insert the 1 ½-inch PLS Trailer Load Securing Pin.	2
Operating EJOC Doors	
Unable to unlock/open the entrance door.	3
Entrance door swings freely.	4
Electrical Systems	
Overhead lighting will not come on.	5
No overhead red lights.	6
HVAC unit will not operate.	7
HVAC unit will not cool/heat properly.	8
No power to electrical outlets.	9
Securing Cargo using Ratchet Straps	
Unable to Operate Ratchet Strap	10
Operating Desk File Cabinet Drawers	
Unable to open drawers.	11
Unable to close drawer.	12
End of Troubleshooting Index Table	

END OF WORK PACKAGE

This page was intentionally left blank

TROUBLESHOOTING PROCEDURES

BOH SOLUTIONS OPERATION MANUAL
(INCLUDING REPAIR PARTS)
EXPEDITIONARY JOINT OPERATIONS CENTER (EJOC®)

TROUBLESHOOTING PROCEDURES

INITIAL SETUP:

Materiel/Parts

None

Personnel Required

One

Tools

General Mechanic's Tool Kit

References

None

Equipment Condition

EJOC Operation Setup

NOTE

If corrective action does not correct the malfunction, notify unit maintenance or contact BOH.

OPERATOR TROUBLESHOOTING TABLE

Malfunction No.	Malfunction	Test or Inspection	Corrective Action Required
1	Unable to Install Rear Roller Assembly to the EJOC.	Inspect for debris on roller bracket saddle, rear support beam on the EJOC and roller pinning holes.	Clean as debris required.
2	Unable to Insert The 1 1/2" PLS Trailer Load Securing Pin.	Inspect for debris.	Clean any debris as required.
		Ensure container pin hole is aligned with respective rail pin hole on trailer.	Reposition container slightly until the pin holes are aligned.
		Ensure container rollers are installed in their proper orientation.	Install rollers in their proper orientation.
3	Unable to unlock/open the entrance door.	Make sure you have the proper key.	Obtain the proper key.
		Rotate the handle as described on the door handle sign.	Access the opposite Door and open the door from inside.
		Check the lockset for dirt or corrosion.	Clean and lubricate with WD-40.
4	Entrance door swings freely	Check door damper cylinder.	Replace as needed.
5	Overhead lighting will not come on.	Ensure the power source is active, ground rod is in place, and connected properly by a certified electrician.	Report to maintenance certified electrician.
		Inspect the GFCI outlets positioned directly above the light switches, where the LED lights are connected.	Unplug the LED lights from the outlets and verify that the GFCI outlet has not been tripped. If tripped, reset the outlet, plug the LED lights back in, and ensure a secure connection is established.
6	No overhead red lights.	Check the light selector switches position at the door.	Check and activate circuit breakers, report malfunction to maintenance electrician

Malfunction No.	Malfunction	Test or Inspection	Corrective Action Required
7	HVAC unit will not operate.	Check Thermostat setting on the HVAC unit.	Adjust temperature setting.
		Check the HVAC circuit breaker.	Actuate the circuit breaker. Report failure to maintenance.
		Check the HVAC filter.	Clean or replace the filter.
8	HVAC unit will not cool/heat properly.	Check Thermostat setting on the HVAC unit.	Adjust temperature setting.
		Check the HVAC circuit breaker.	Actuate the circuit breaker. Report failure to maintenance.
		Ensure there is some condensation in the catch pan.	Only drain condensation when retracting the HVAC.
		Check the HVAC filter.	Clean or replace the filter.
		Unplug additional appliances (coffee pots, microwaves, etc.) and restart HVAC.	If HVAC then operates properly, ensure 120/208v, 3-phase, 60 Hz shore power is provided or refrain from use of these appliances when HVAC is in operation. WARNING: Do not attempt to make electrical repairs. Report improper connection to maintenance.
		Check power source connections.	Ensure 120/208v, 3-phase, 60 Hz power source is provided. WARNING: Do not attempt to make electrical repairs. Report improper connection to maintenance.
9	No power to electrical outlets.	Inspect the Freon charge.	Recharge the Freon.
		Check power circuit breakers.	Actuate the power circuit breakers. Report failure to maintenance.
		Check the outlets to ensure the GFCI switch has not been tripped	If the outlet has been tripped, the "Reset" button will likely be popped out or not fully engaged.
10	Unable to Operate Ratchet Strap	Check power source connections.	WARNING: Do not attempt to make electrical repairs. Report improper connection to maintenance.
		Check to ensure ratchet handle is in its full open position.	While pulling inward on the tension release bar completely straighten handle until tension is released.
		Inspect drawer-locking handle and to ensure they have spring action to the unlocked position.	Actuate the drawer latches into the unlocked position, lubricate as required.
11	Unable to open drawers.	Inspect for an obstruction inside the drawer.	Clear any obstruction and open.
		Check for an obstruction in or behind the drawer.	Remove drawer and Clear/remove the obstruction in, or behind the drawer.
12	Unable to close drawer.	Inspect drawer-locking latches to ensure they are spring operating freely.	Actuate and lubricate latches in the open position and close the drawer.
		End of Operator Troubleshooting Table	

END OF WORK PACKAGE