

**FPU® SYSTEMS OPERATION MANUAL
(INCLUDING REPAIR PARTS)
EXPEDITIONARY BULK STORAGE SYSTEM (EBSS)**

**CHAPTER 3
TROUBLESHOOTING PROCEDURES**

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TROUBLESHOOTING PROCEDURES

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INTRODUCTION

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The malfunction/symptom index in WP 0009 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 0010 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 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

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TROUBLESHOOTING INDEXES

TABLE 1 TROUBLESHOOTING INDEX (OPERATOR)

Malfunction/Symptom	Refer to WP 0010 00, Table 1, Procedure Number
INITIAL SETUP	
Install/Remove Rear Roller Assembly	
Unable to Install Rear Roller Assembly	1
Securing EBSS to PLS Trailer	
Unable to Insert the 1 ½-inch PLS Trailer Load Securing Pin.	2
OPERATION OF EBSS CONTAINERS	
Operation of EBSS Doors	
Unable to Open Door	3
Unable to Close Door	4
Doors Leaking	5
End of Table	

END OF WORK PACKAGE

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TROUBLESHOOTING PROCEDURES

INITIAL SETUP:
Materiel/Parts

None

Personnel Required

Two plus Supervisor and MHE support

Tools

Specials Tool Kit and BII Kit

References

Chapter 6 WP 0023

Equipment Condition

EBSS set up

NOTE

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

TABLE 1 OPERATOR TROUBLESHOOTING

Malfunction	Test or inspection	Corrective action required
1. Unable to Install Rear Roller Assembly.	Inspect for debris on roller bracket saddle, rear support beam on the EBSS and roller pinning holes.	Clean as debris required.
2. Unable to Insert the 1 ½" 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 Open Door/Doors.	Ensure the door is opened in the proper sequence.	Align door/doors (refer to chapter 2 pages 0006 00-2 and 00-3).
	Inspect container position to ensure it is on level ground.	Relocate container to level ground.
4. Unable to Close Door/Doors.	Inspect for debris in door threshold.	Clean debris from threshold. Close door and retry.
	Inspect to ensure door is being closed with proper sequence.	Align door/doors (refer to chapter 2 pages 0006 00-4 thru 00-7).
	Inspect container position to ensure it is on level ground.	Relocate container to level ground.
	Inspect bi-fold doors to ensure they are parallel with each other.	Turn bi-fold doors so they are parallel with each other. Place flat against container and close the outer door first.
5. Doors Leaking	Inspect container door threshold for dirt, gravel or other obstructions.	Clean as necessary. Lubricate as required.
	Inspect door seals for proper lubrication.	Lubricate as needed. See Lubrication chart chapter 4 page 0013 00 00-2
End of Table		

END OF WORK PACKAGE

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