

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

**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 0011 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 0012 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 need 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**

**TROUBLESHOOTING PROCEDURES**

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**TROUBLESHOOTING INDEXES**

**TABLE 1 TROUBLESHOOTING INDEX (OPERATOR)**

<b>Malfunction/Symptom</b>	<b>Refer to WP 0012 00, Table 1, Procedure Number</b>
<b>INITIAL SETUP</b>	
<b>Operating Module drawers</b>	
Unable to remove a drawer.	1
One or more drawers are jammed.	2
Unable to close drawer lid.	3
Drawers are difficult to pull out or push in.	4
Unable to remove drawer from the tray frame.	5
Drawer lid seal leaking.	6
Drawer slam latch will not latch or unlatch properly.	7
Unable to stack tray case assemblies.	8
Drawer bypasses the tray latch when opening drawer.	9
<b>END OF TABLE 1 TROUBLESHOOTING INDEX</b>	

**END OF WORK PACKAGE**

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**TROUBLESHOOTING PROCEDURES TABLE 1**

**INITIAL SETUP:****Materiel/Parts**

None

**Personnel Required**

Two

**Tools**

General Mechanic's Tool Kit

**References**

None

**Equipment Condition**

MODULE setup

**NOTE**

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

**TABLE 1 OPERATOR TROUBLESHOOTING**

<b>Malfunction</b>	<b>Test or inspection</b>	<b>Corrective action required</b>
1. Unable to remove a drawer.	Ensure ratchet straps are not overtightened.	Loosen the ratchet straps until stress on the frames is relieved.
	Ensure the drawer frame latch is up and open.	Pull the thumb latch and pull out the drawer See WP 0006 00-3
2. One or more drawers are jammed.	Inspect for drawer lid binding in the frame due to overloaded drawer.	Release ratchet straps and unstack from the top down; review WP 0006
3. Unable to close drawer lid.	Inspect for debris or material above the dividers or wrong dividers under the left and right drawer gas cylinders.	Clear, align or rearrange material, seal and dividers as required. See WP 0008 00-2
	Check drawer lid seal for alignment.	Replace damaged lid seal.
4. Drawers are difficult to pull out or push in.	Inspect for dirt sand grit on the bearing guide pads of the drawer and trays.	Remove drawer clean as required with soap and water. Wipe dry with rags, lubricate drawer guide pads and tracks with WD-40 lubricant.
5. Unable to remove drawer from the tray frame.	Insure the drawer is fully extended, check for dirt and corrosion in guide slots	Pull drawer to the fully extended position, clear debris, rust or dirt from slots and guides.
6. Drawer lid seal leaking.	Inspect drawer lid seal for damage, dirt, gravel.	Clean or replace as necessary.

TABLE 1 OPERATOR TROUBLESHOOTING (cont'd)

Malfunction	Test or inspection	Corrective action required
7. Drawer slam latch will not latch or unlatch properly.	Inspect the slam latch for dirt or rust.	Clean and lubricate. Replace if damaged or missing.
8. Unable to stack tray case assemblies.	Inspect for dirt and debris.	Clean with damp rags.
9. Drawer bypasses the tray latch when opening drawer.	Inspect drawer guide and tray latch for damage.	<b>WARNING:</b> Discontinue use of drawer until the damaged part is replaced. Failure to comply could result in serious injury. See PMCS table in WP 0014.
<b>End Of Table</b>		

END OF WORK PACKAGE

