

**FPU® SYSTEMS OPERATION MANUAL  
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)  
BOH QUADCON MODULES, ADAPTERS and RESTRAINT SYSTEM  
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 troubleshooting index in WP 0009 00 is a quick reference for finding the troubleshooting procedures. Associated with each symptom name is a malfunction 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 procedures in WP 0010 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 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**

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**TROUBLESHOOTING PROCEDURES**

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

None

**Personnel Required**

Two

**Tools**

General Mechanic's Tool Kit

**References**

WP 0012 00

**Equipment Condition**

QUADCON System set up

**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 pull out drawer	Inspect lid for damage,	Remove, repair or replace lid
	Inspect drawer slides for damage.	Remove and replace damaged slides. Lubricate drawer slides; apply MOLY KOTE lubricant. (See Page 0014 00-2).
	Sand, dirt or fallen material debris	Clean slides with soap, water, flush with WD40 and apply MOLY KOTE lubricant. (See Page 0014 00-2). Rearrange material, clear obstruction.
2. One or more drawers are jammed.	Loose or fallen material obstruction,	Rearrange material, clear obstruction
	Inspect frame for damage	Remove all drawers, repair damage to the frame.
	Drawer damage.	Remove, repair or replace damaged drawers.
3. Unable to insert drawer lid	Inspect for debris or material above the dividers and lid slide path.	Remove or rearrange excess material.
	Inspect lid for damage, dents and distortion.	Replace or repair lid damage.
4. Drawers are difficult to pull out or push in.	Insure the drawer is fully extended. Inspect for dirt, sand or grit in drawer slides.	Clean slides with soap, water and flush with WD40 and apply MOLY KOTE lubricant. (See Page 0014 00-2). Rearrange material.
5. Drawer slam latch will not latch or unlatch properly.	Check for material obstruction.	Rearrange material, clear obstruction
	Check for dirt, corrosion or damage.	Clean with soap, water, and flush with WD40 and apply MOLY KOTE lubricant. (See Page 0014 00-2). Repair or replace.

**TABLE 1 OPERATOR TROUBLESHOOTING**

<b>Malfunction</b>	<b>Test or inspection</b>	<b>Corrective action required</b>
6. Module will not Seat in the adapter properly.	Inspect the adapter foot pockets for damage or debris.	Clean debris, repair damage from adapter foot pockets.
	Inspect adapter lock arm for proper position.	Actuate adapter lock arm, clean and lubricate.
	Inspect bottom of the module female lock device for debris or damage.	Clear debris, repair damage to the module female lock device.
7. Lock arm will not engage the module.	Inspect lock device for damage, dirt, rust, debris.	Repair, clean, lubricate lock device.
	Inspect the adapter foot pockets for damage or mud, sand, dirt and debris.	Clean debris, repair damage to adapter foot pockets.
	Inspect bottom of the module female lock device for debris or damage.	Clear debris, repair damage to the module female lock device.
8. Restraint Frame is loose fitting	Check Frame space with Gauge Bar	See Chapter 2 WP 0005 00-10 and 00-11
	Recheck all frame hardware Tighten Adjustment Jam Nuts and Lock Nuts See Chapter 5 WP 0018 00-1 and 00-2	
<b>End Of Operator Troubleshooting Table</b>		

**END OF WORK PACKAGE****0010 00-2**