

Service Bulletin

Machinery Affected: BLADE™ Saw, Momentum™ Saw, Twin-Axis Sheathing Saw™, and CDS™
Document: SB219
Title: Installing the Profinet Module
Applies To: GE model C695PNC001
Distribution: Customers Upon Order



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Revised By	R. Tucker
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Created By	R. Tucker
Applicability	519951
Effectivity	all replacements until a subsequent model is used



Purpose and Scope

When replacing the Profinet module, follow these instructions to ensure the safety of personnel and of the components involved.

Overview

The parts included in this kit are shown in Table 1. Please ensure all parts are present before starting this procedure.

Table 1: Parts in SB219 rev. AKIT

Qty.	Part Description	Part #
1	Profinet module	519951
1	Service Bulletin 219 document	SB219

If you have any questions, call MiTek Machinery Division Customer Service at 800-523-3380.

Procedure

Electrical Lockout/Tagout Procedures



 WARNING	
	<p>ELECTROCUTION HAZARD!</p> <p>Verify that all power to the machine has been turned off and follow approved lockout/tagout safety procedures before performing any maintenance.</p> <p>All electrical work must be performed by a qualified electrician.</p> <p>If it is absolutely necessary to troubleshoot an energized machine, follow NFPA 70E for proper procedures and personal protective equipment.</p>

Before opening the main electrical enclosure, or attempting to repair or replace an electrical transmission line to the machine, lockout/tagout the machine properly. Follow your company’s approved lockout/tagout procedures which should include, but are not limited to the steps here.

1. Engage an E-stop on the machine.
2. Turn the machine’s disconnect switch to the Off position. This is usually required to open the main electrical enclosure’s door.

Shut the power to the machine off at the machine’s power source which is usually an electrical service entry panel on the facility wall. One example of a locked-out power source panel is shown in Figure 1.

3. Attach a lock and tag that meets OSHA requirements for lockout/tagout to the electrical service entry panel.
4. Open the door to the enclosure in which you need access, and using a multimeter, verify that the power is off.

Figure 1: Lockout/Tagout on a Power Source Panel



Removing Modules Overview

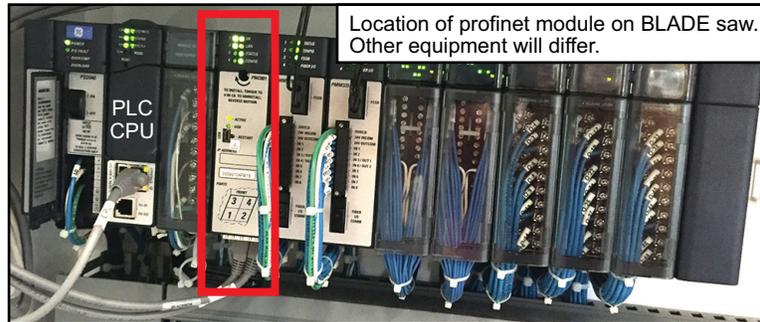
To remove the old profinet module, use these guidelines:

1. Locate the profinet module, located near the PLC.



Care must be exercised when installing and removing modules to avoid damage to the modules and backplane.

Figure 2: Profinet Module Location



2. Note the location of each cable attached, and unplug all cables from the profinet module.
3. Loosen the screw shown in Figure 2.

4. Referring to Figure 3, locate the release lever(s) at the bottom of the module and firmly press upward (1), toward the module. Wider modules have two release levers that must both be pressed up at the same time.

5. While holding the module firmly and fully depressing the release levers, pivot the module upward until its connector is out of the backplane (2).

6. Lift the module up and away from the backplane to disengage the pivot hook (3).

7. Discard the old profinet module.

Figure 3: Removing a Module



Installing the Profinet Module



Be careful not to bend or break the pins on the back of the module!

If you receive unexplained errors later in the procedure, check the condition of these pins. If they are bent, try straightening them and re-installing the module. If they are broken off or pushed in, call MiTek Customer Service to return the current module and obtain a new one.

1. Ensure the screw hole is visible on the back plane as shown in Figure 4.
2. Holding the module firmly, align the module with the correct slot and connector.
3. Referring to Figure 5, engage the module's rear pivot hook(s) in the notch(es) on the top of the backplane (1)
4. Swing the module down (2) until the module's connector engages the backplane's connector, and the release lever(s) on the bottom of the module snaps into place in the bottom module retainer (3).
5. Visually inspect the module to be sure it is properly seated.

Figure 4: Access the Screw Hole

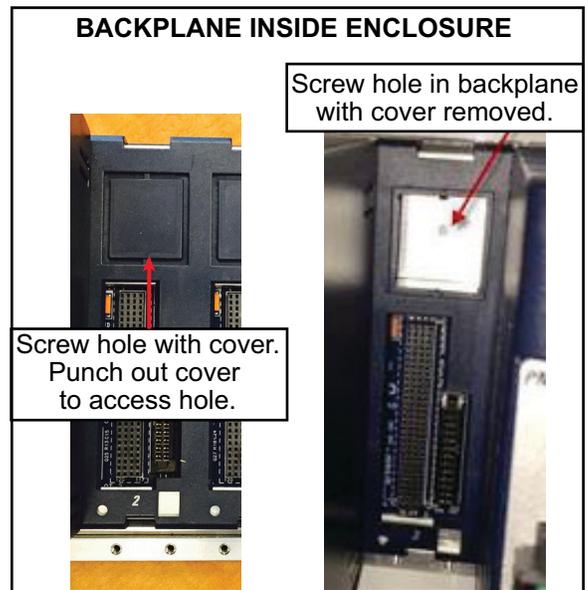
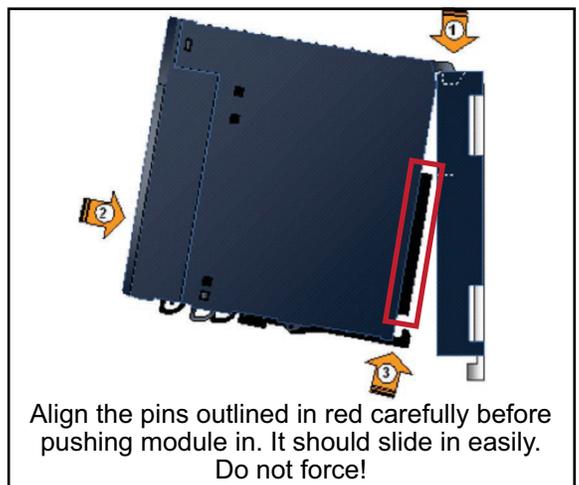


Figure 5: Installing a Pivot-Hook Module



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