
MiTek[®]

SERVICE BULLETIN

Document ID:

SB292

Title:

Installing LASM Debris Guards

Affected machinery: BLADE II™ saw

Distribution: All customers with affected machinery

Applies to: All BLADE II saws without LASM Debris Guards

Sensitivity: Approved for customer use

CAUTION:

MiTek recommends printing this document in high resolution using color ink. Many of the graphics may be unclear and may create an unsafe condition if this recommendation is not followed.

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Purpose and Scope

This service bulletin instructs how to install LASM debris guards on the BLADE II saw to prevent small pieces of material from potentially causing damage to the LASM assembly.

Overview

Parts Included

The parts included in this kit are shown in [Table 1](#). Please make sure all parts and supplies are present before starting the procedure.

Table 1: Parts in SB292KIT

Quantity	Description	Part #
2	LASM debris guard	76038
1	Service bulletin document	SB292

If you have any questions, call MiTek Automation Support at 1-800-523-3380.



Supplies Needed



- 3/16" hex key

Lockout/Tagout Instructions

Electrical Lockout/Tagout Procedure

The lockout/tagout instructions for the electrical systems will be referenced as necessary in this document. Service Bulletin instructions start on [page 4](#).

Working on a Machine Outside the Machine's Main Electrical Enclosure

	 WARNING
	<p>ELECTROCUTION HAZARD.</p> <p>All electrical work must be performed by a qualified electrician.</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>If it is absolutely necessary to troubleshoot an energized machine, follow NFPA 70E for proper procedures and personal protective equipment.</p> <p>When the disconnect switch is off, there is still live power within the disconnect switch's enclosure. Always turn off the power at the building's power source to the equipment before opening this electrical enclosure.</p>



1. If applicable, close machine software and shut down the PC using the **Power > Shut down** method in Windows.
2. Engage an E-stop on the machine.
3. Turn the disconnect switch handle to the Off position. See [Figure 1](#).
4. Attach a lock and tag that meet OSHA requirements for lockout/tagout to the electrical service entry panel.
5. Open the door to the enclosure to which you need access. Using a multimeter, verify that the power is off.

Figure 1: Disconnect Switch



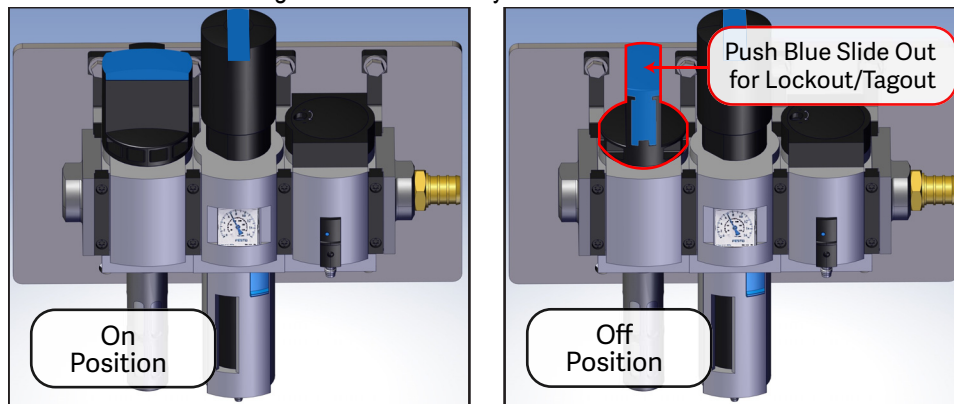
Pneumatic or Hydraulic System Lockout/Tagout Procedure

The lockout/tagout instructions for the pneumatic or hydraulic systems will be referenced as necessary in this service bulletin.

	<p style="text-align: center;"> WARNING</p> <p>HIGH PRESSURE HAZARD.</p> <p>Bleed pneumatic lines before performing any maintenance on the system.</p> <p>Working on pressurized lines may cause injury.</p>
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1. After lockout/tagout of the electrical power, turn off or close the system's hydraulic shutoff valve and attach a lock and tag. See [Figure 2](#).
2. After lockout/tagout of the electrical power, turn off or close the system's air shut-off valve and attach a lock and tag. See [Figure 2](#).

Figure 2: Pneumatic System Shut-Off Valve



Procedure

Installing LASM Debris Guards

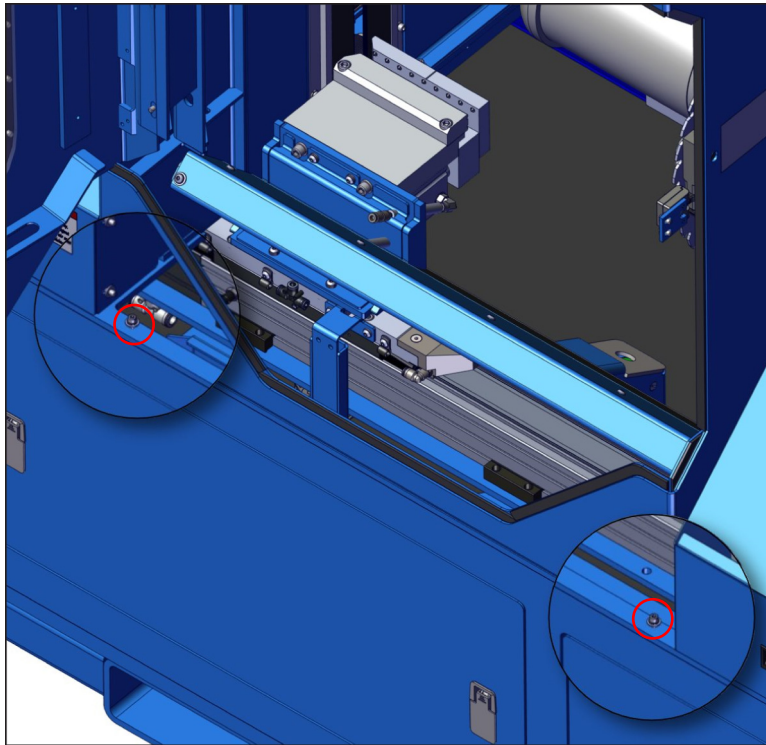
	<p style="text-align: center;"> WARNING</p> <p>MOVING PARTS CAN CRUSH AND CUT.</p> <p>Always verify that power to the machine has been turned off and follow approved lockout/tagout procedures.</p>
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1. Open the saw chamber door by pressing the open-door pushbutton and pulling the handle.
2. Lockout/tagout the electrical and pneumatic systems of the machine using the [Lockout/Tagout Instructions on page 3](#).

3. With power locked out as previously described, remove the two bolts and washers shown in [Figure 3](#).

Figure 3: Location of Bolts



4. The left and right debris guards should be lowered into the position shown in [Figure 4](#).

When positioning the guards, be careful to route the pneumatic lines for the infeed and outfeed air knives through the slots on the sides of the guards (see [Figure 5](#)).

Figure 4: LASM Debris Guard Positioning

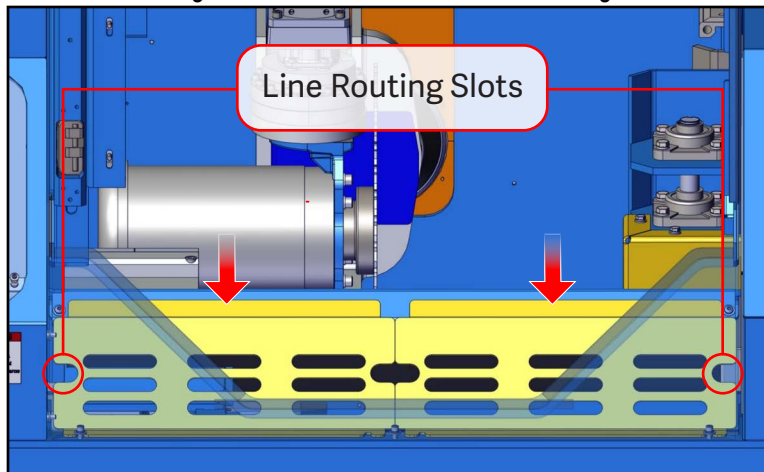
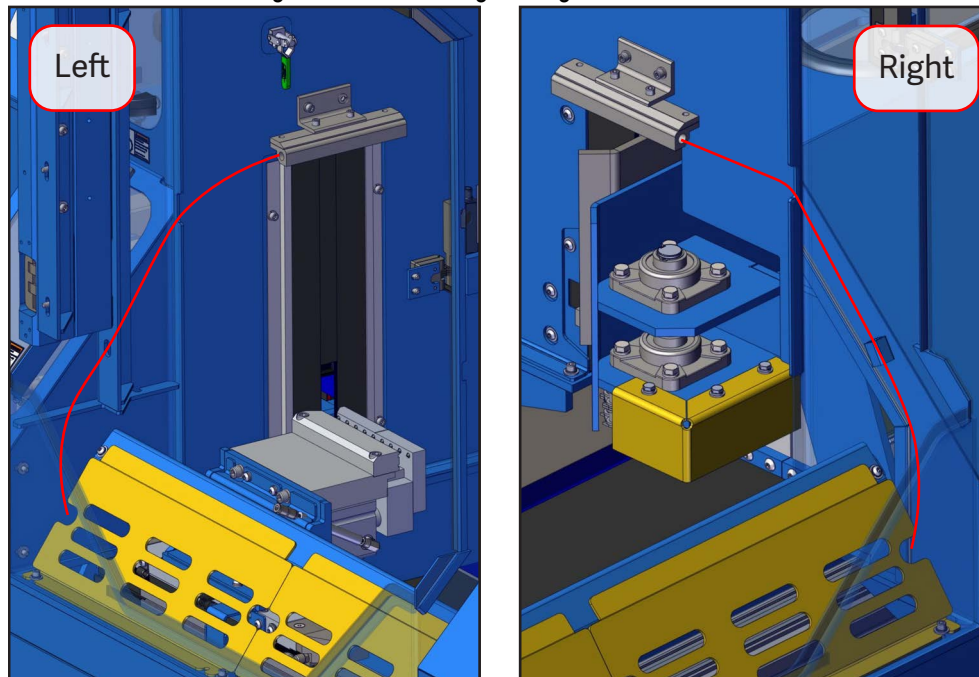


Figure 5: Line Routing Through Debris Guards



5. Reinstall the bolts and washers removed in step 3.
6. Remove lockout/tagout devices and close the saw chamber door.

END OF SERVICE BULLETIN