

# Service Bulletin

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**Machinery Affected:** *Miser II™ Saw*  
**Document:** SB195  
**Title:** Rephasing the Amplifier When Replacing Parts  
**Distribution:** Customers, Upon Order



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Applicability	

## Purpose and Overview

This Service Bulletin provides important safety information needed when replacing one of the parts listed in Table 1. Failure to follow these instructions thoroughly could result in high-speed, unexpected movement or speed change from the *Miser II* saw and blade.

When the parts in Table 1 are replaced, it is not uncommon for wires to be connected differently than intended. The saw recognizes a conflict and attempts to correct itself. Since it is difficult to test if the risk exists, any time one of these parts is replaced, the amplifier needs to be rephased immediately. Unexpected movement of the saw blade or axes can prove to be fatal when performing maintenance on the saw.

**Table 1: Parts in SB195 Kits**

Kit #	Kit Description	Part # in Kit
SB195KIT-A	Motor and SB195	005-02183
SB195KIT-B	Cable and SB195	97064-501
SB195KIT-C	Cable and SB195	97050-501
SB195KIT-D	Amplifier and SB195	480446

## Action Required



Perform these steps to replace any of the parts listed in Table 1:

1. Lockout/tagout the saw (see page 3).
2. Install the new part. Do not remove the lock and tag until the MiTek Technical Representative (Tech) instructs it.

	<b>WARNING</b>
	<p><b>CRUSH AND CUT HAZARD!</b></p> <p><b>Do not operate the saw until rephasing has occurred.</b></p>

3. Call MiTek Machinery Division Customer Service at 800-523-3380 and tell them you need the *MiTek II* saw amplifier rephased per SB195.
  - A MiTek Tech will quickly rephase the amplifier if the saw has internet connection. Ensure the cables are connected.
  - If the saw does not have internet connection, the Tech will verbally walk an operator through the process over the phone.
4. Educate all operators on the dangers of incorrect phasing: Any time a saw blade starts up or speeds up unexpectedly, call MiTek immediately. Do not attempt to correct this problem yourself.

## Instructions for Lockout/Tagout

	 <b>WARNING</b>
	<p><b>ELECTROCUTION HAZARD!</b></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 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 performing maintenance on any machine with electrical power, lockout/tagout the machine properly. When working on a machine outside of the machine’s main electrical enclosure, not including work on the electrical transmission line to the machine, 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 disconnect switch handle on the machine’s main electrical enclosure to the “off” position.

	 <b>WARNING</b>
	<p><b>ELECTROCUTION HAZARD.</b></p> <p>When the disconnect switch is off, there is still live power within the disconnect switch’s enclosure. Always turn off power at the building’s power source to the equipment before opening this electrical enclosure!</p>

3. Attach a lock and tag that meets OSHA requirements for lockout/tagout.

