

SERVICE BULLETIN #142 May 18, 1998

-Engineering Department-

In order to keep all **MiTek® Cyber Saws®** up to date with new designs we are issuing a service bulletin to all **MiTek® Cyber Saw®** owners. The following changes should be made and/or the following should be checked.

1. In **Cyber Saws®** out at customer sites, the overload for the blade angulation, hold downs and lumber stop was at a ampere value of 0.4-.65A (**MiTek®** P.N. 514143). This is too low considering the requirement on motor plate is 0.72A. To correct this a higher load carrying overload replacement of 0.65-1.1A (**MiTek®** P.N. 509316) is needed. In order to replacing the overload, use the following instructions:
See Figure 1. This should be done with all blade angulation, hold downs and lumber stop overloads.

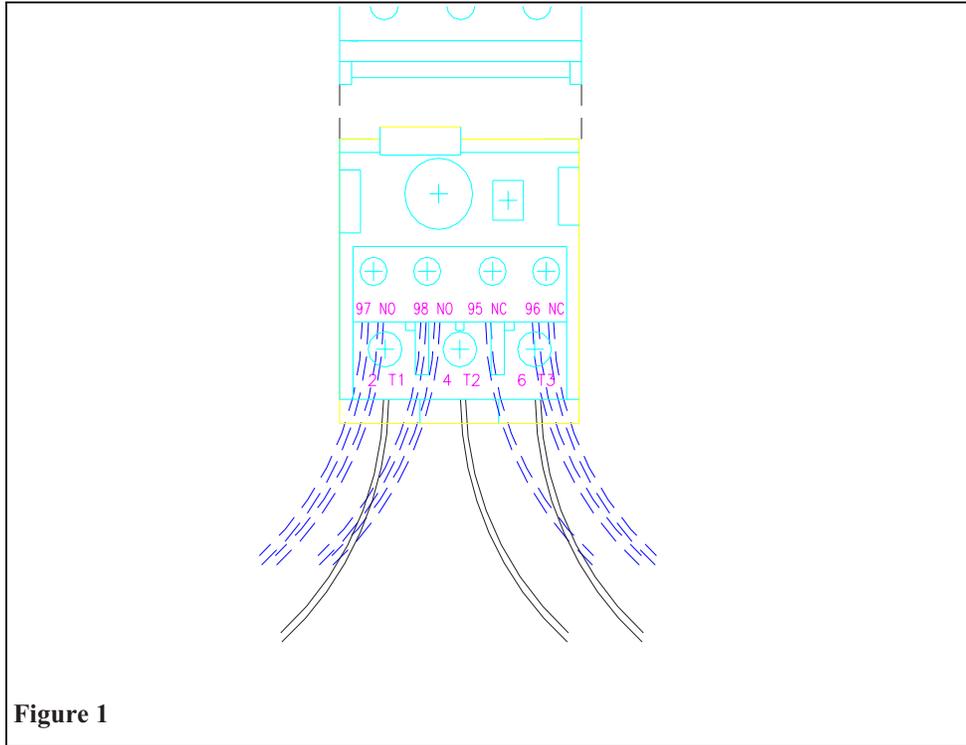
Removal of old overload as follows:

- Shut down saw through proper procedure and then turn power off at main disconnect switch.
- Locate the overloads being replaced in Stationary and Carriage Enclosure. Pull drawer out after locating.
- At each overload, remove wires at these terminals. 97NO(black wires), 98NO(red input wires), 95NC(red wires) and 96NC(white wires), then at T1, T2 and T3 (motor leads).
- Loosen screws at T1,T2 and T3 terminals at contactor.
- Remove overload by pulling away from contactor.

Installation of new overload as follows:

- Install new overload. Make sure the three prongs on the overload line up with T1, T2 and T3 slots under the contactor.
- At each overload, tighten the screws at T1, T2 and T3 terminals snug and properly.
- Install wires at these terminals. T1, T2 and T3 (motor leads), then at 97NO(black wires), 98NO(red input wires), 95NC(red wires) and 96NC(white wires).
- Set overload to 0.90A.
- Push drawer back into position in the enclosures.

- Turn power back on at main disconnect switch and start saw back up through proper procedure.



Attached are revised prints D90340 -Enclosure Drawings and D92034 - Schematics, showing update.

Please replace the prints in your manual. Prints to be included with this Service Bulletin:

90340D

92034E

