

Service Notice N°: ESN0050 Rev. 0

Date: 13 JULY 10

Invertec 270sx & 400sx and Tomahawk 1025 & 1538 Fuse substitution

Valid for the following product for the equipment with serial number below **I2100602462**

Product	K Number	Code Number
Invertec 270SX CE	K12040-1	52077
Invertec 400SX CE	K12042-1	52081
Tomahawk 1025 CE	K12048-1 and -3	52095
Tomahawk 1538 CE	K12039-1 and -3	52076



WARNING

Be sure that only qualified individuals perform all installation, operation, maintenance and repair procedures. Lincoln Electric is not responsible for damages caused by improper installation, improper care or abnormal operation.

Before opening or disassembling any parts of the product, the power must be turned OFF and the product must be disconnected from the input power source. Only Lincoln trained service technicians are authorized to perform these modifications.



WARNING

Substitute the input board fuse at the time the machine has a failure.

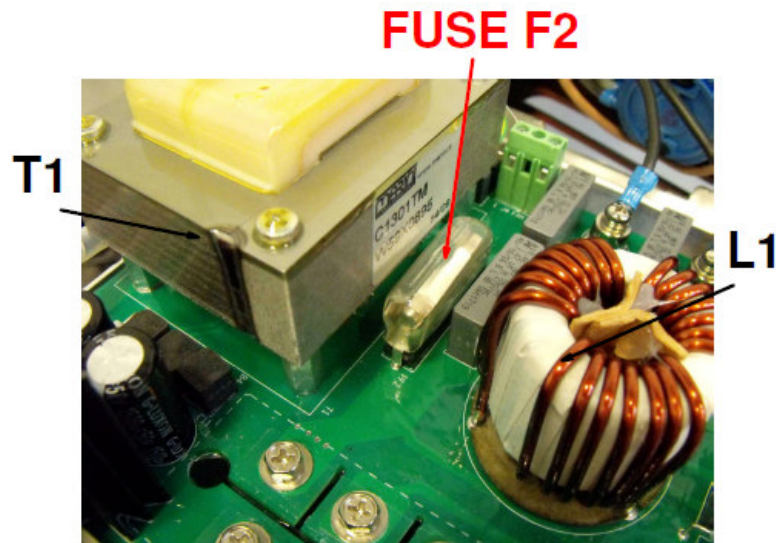
Abstract

Input boards W05X0855-1 and 2 of these machine mount a 1.6A delayed fuse (F2). When the fan fails, shorting itself, the fuse doesn't blow up on due time. This problem carries the transformer T1 to fail.

For units with serial number below **I2100602462**, fuse must be substitute by a 0.5A delayed fuse (LEI code: W7300500R) so that the transformer is protected when fan shorts circuit happen.

Component Identification

The fuse F2 is suited between the transformer T1 and the EMC inductance L1 on input board.



Sequence of operation

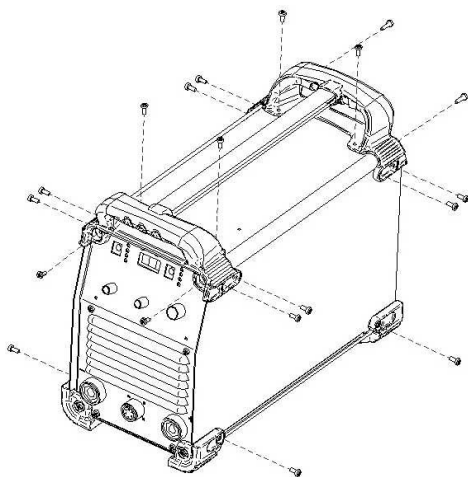


WARNING

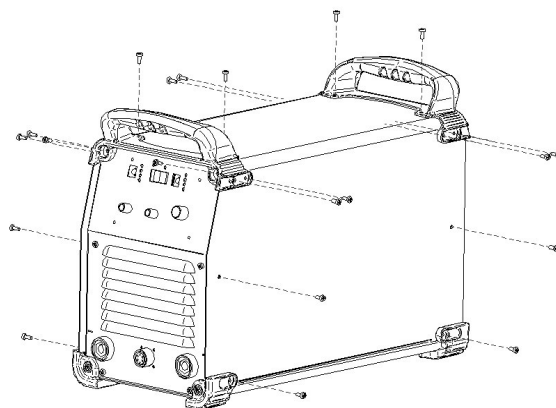
Do not open the machine with power applied to the machine. Only Lincoln trained service technicians are authorized to perform these modifications.

Follow the below instructions:

- Remove the red wraparound:

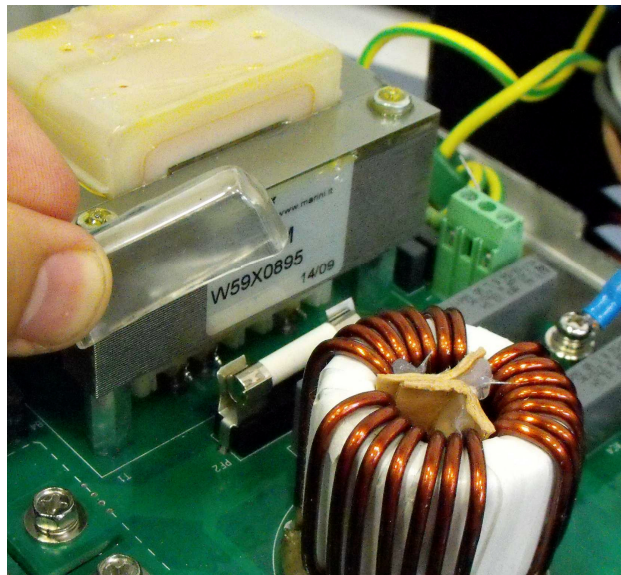


270sx and TH1025



400sx and TH1538

- Remove the plastic cover of the fuse.



- Change the fuse with the new one. Verify the correct pressure of the contact forks.
- Replace the plastic cover.
- Put the wraparound and tighten all screws.