



Wilhelmsen

Ships Service

UNITORTM
by Wilhelmsen

UWI 230TP





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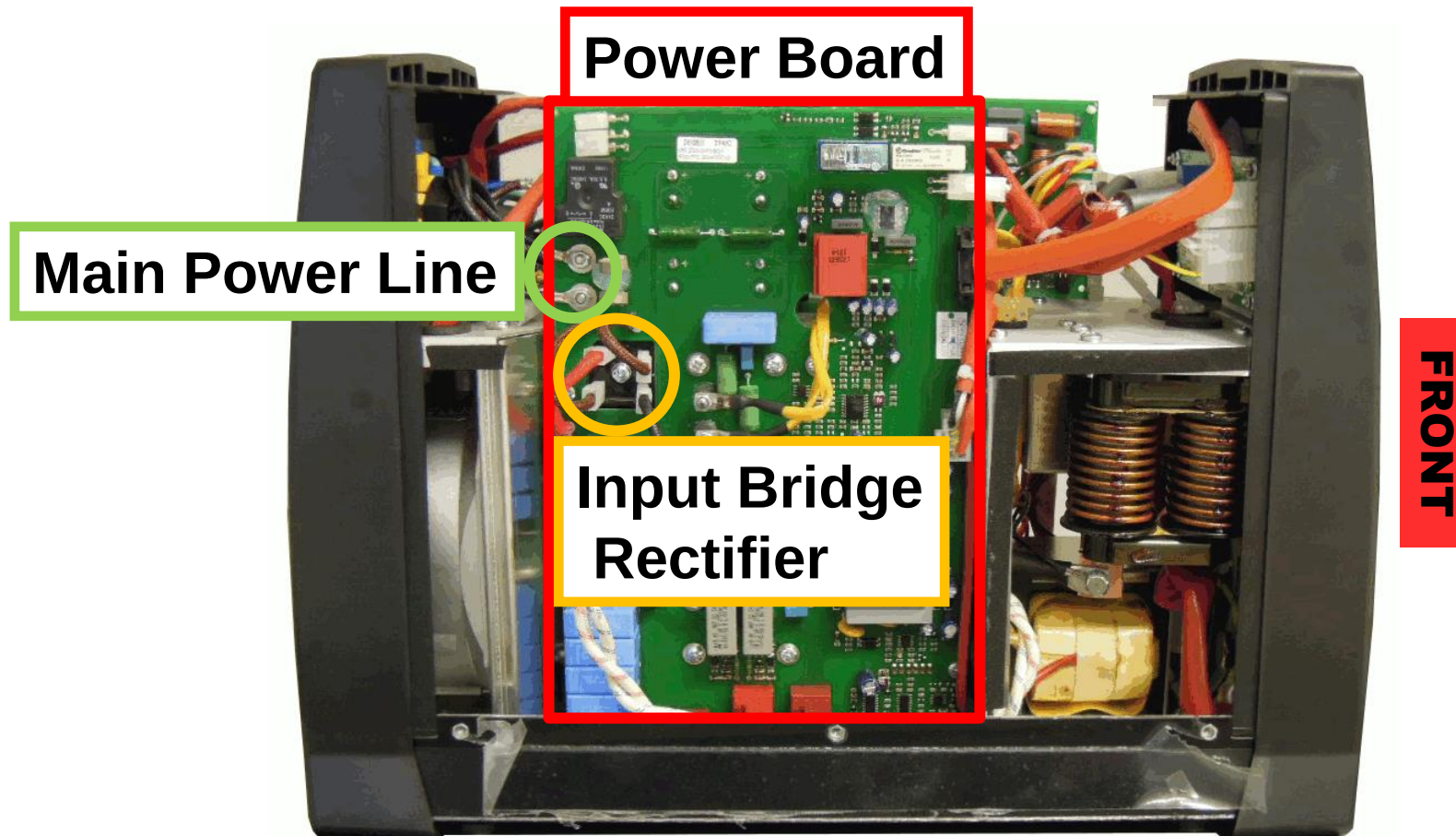
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**Make sure that the machine is
disconnected from the main line
before removing the cover.**



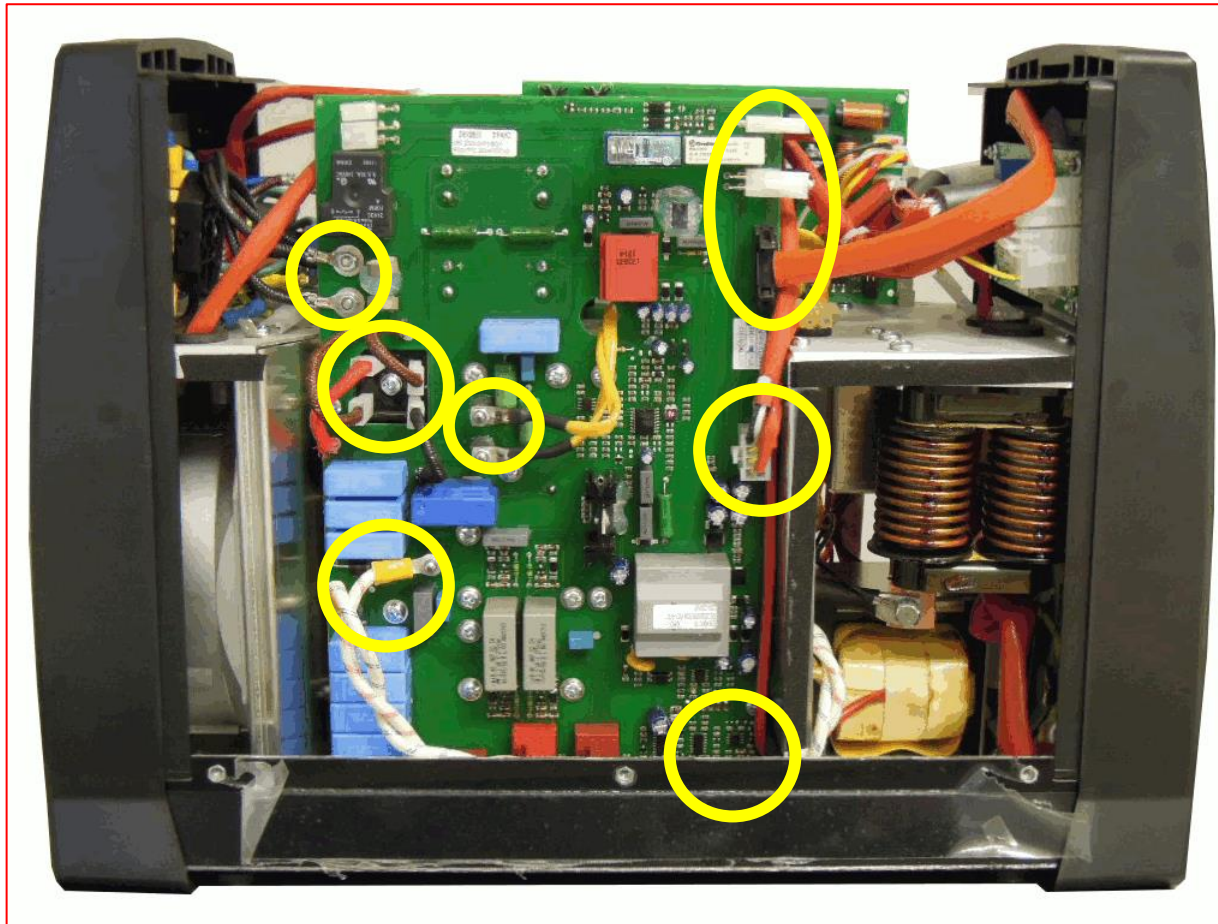


- Step 1: Remove the cover (6 Philips screws).





- **Step 2: Disconnect the Input Bridge Rectifier Wires, and all wires/cables from Power Board:**



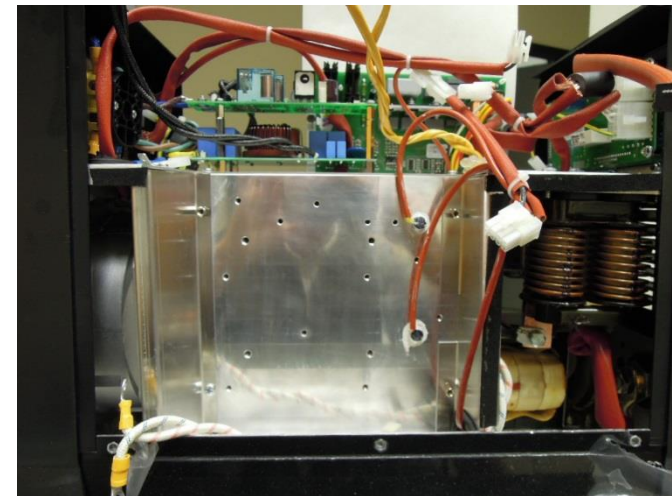
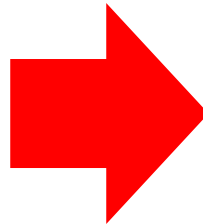
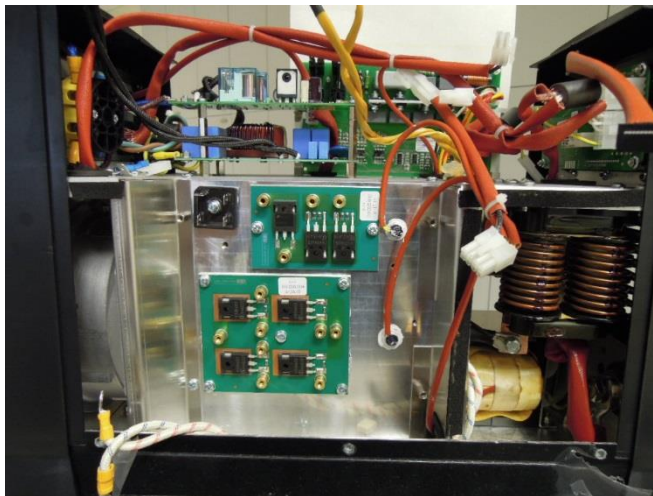


- **Step 3: Remove the screws from the Power Board in the sequence indicated.**





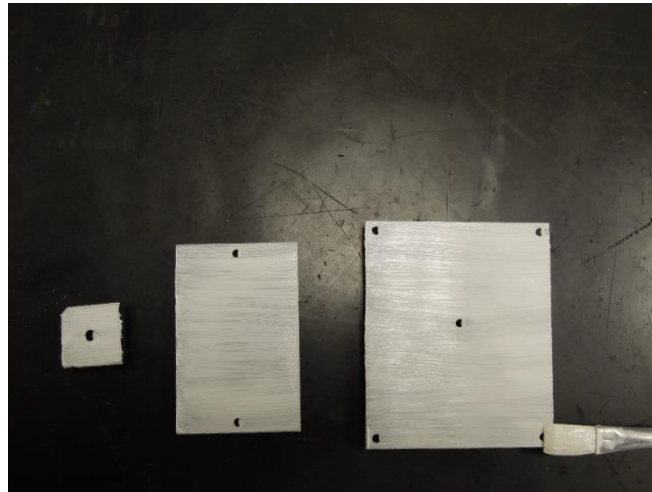
- **Step 4:** Remove the Power Board
Remove the Bridge Rectifier
Remove the IGBT modules
Clean the heatsink with alcohol.



- Now, you are ready for putting the new Power Board.



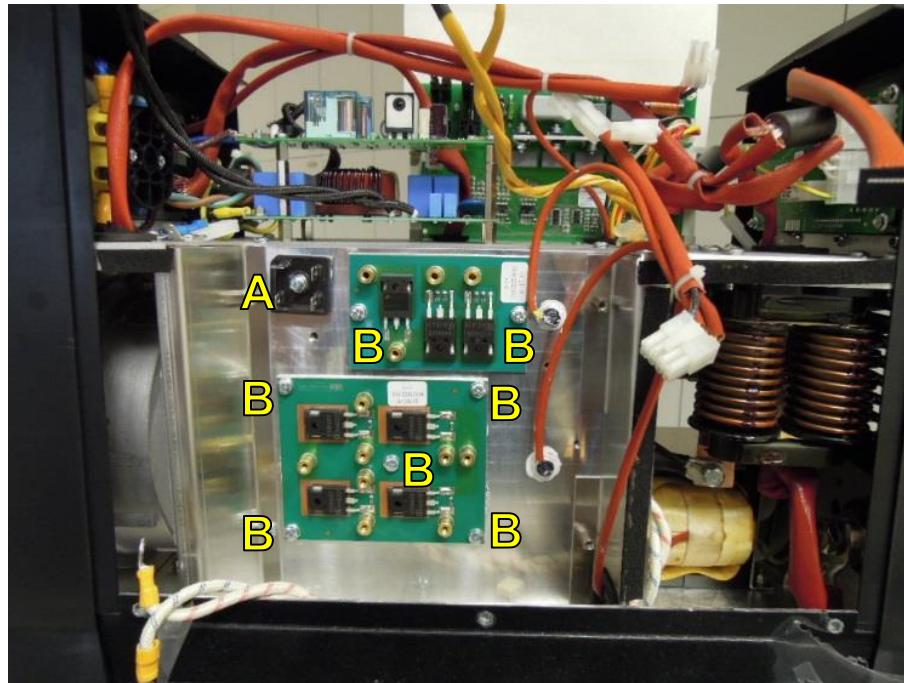
- **Step 5: Put the thermal grease on the Power Module and on the Bridge Rectifier**



The grease must be fluid neat like a cream and a thiny film; we suggest to use a sponge roller for painting or a paintbrush; it possible to add a very little quantity of diesel fuel to soften up the grease.



- **Step 6: Fix the Power module and the Bridge Rectifier to the heatsink**



There is one 4x16 screw (**A**) and 7 4x12 screws (**B**)

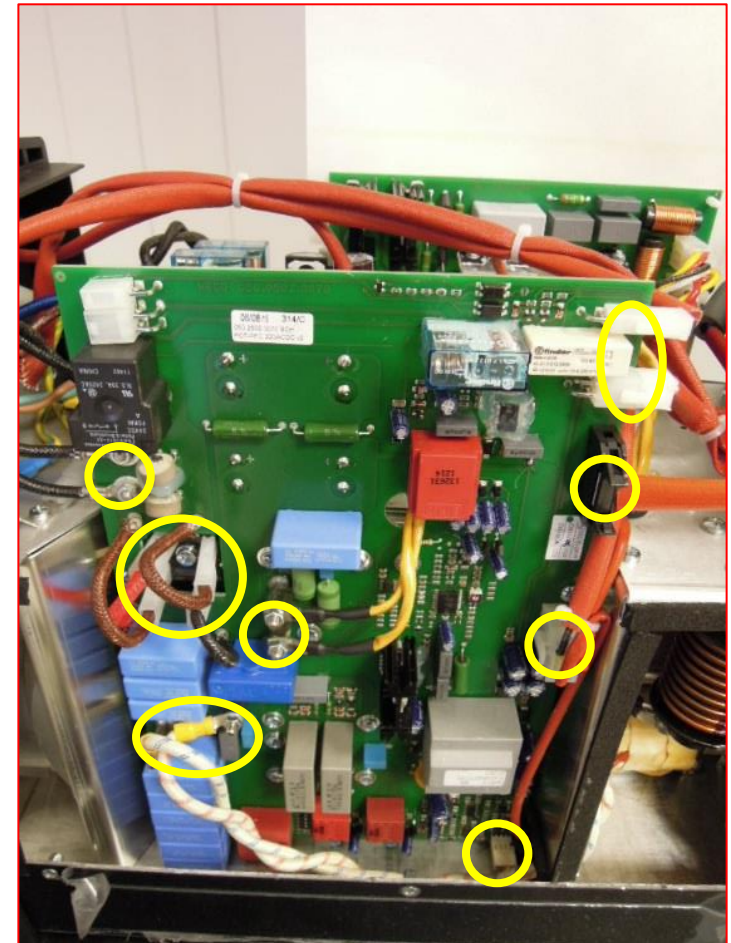
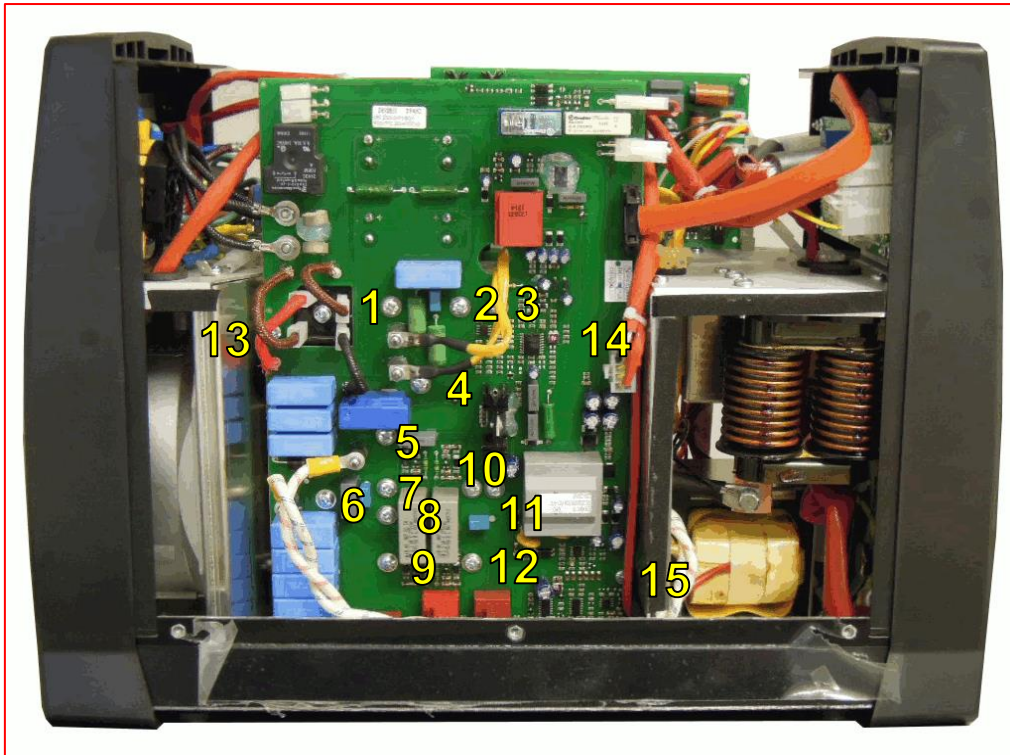


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- **Step 7: Fix the Power Board to the heatsink, and connect the wires/cables.**





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- **Step 8: Test the machine!**
Weld an electrode with 70 A and 130 A current!



Attention

Please use these Unitor products exclusively for the purpose indicated by WSS and only if the operator fully understands current practices and procedures. If any further information or assistance is required please contact your local WSS specialist.