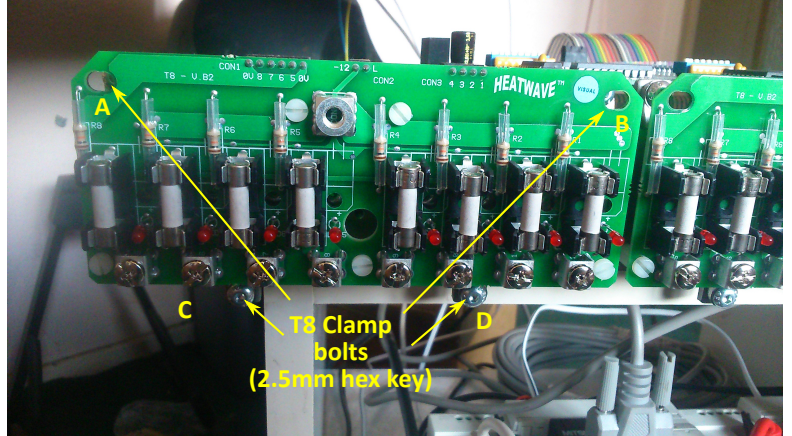


# Replacing a T8 V-B2 unit

**Warning:-** before taking on this procedure ensure that the machine is isolated from the electricity supply

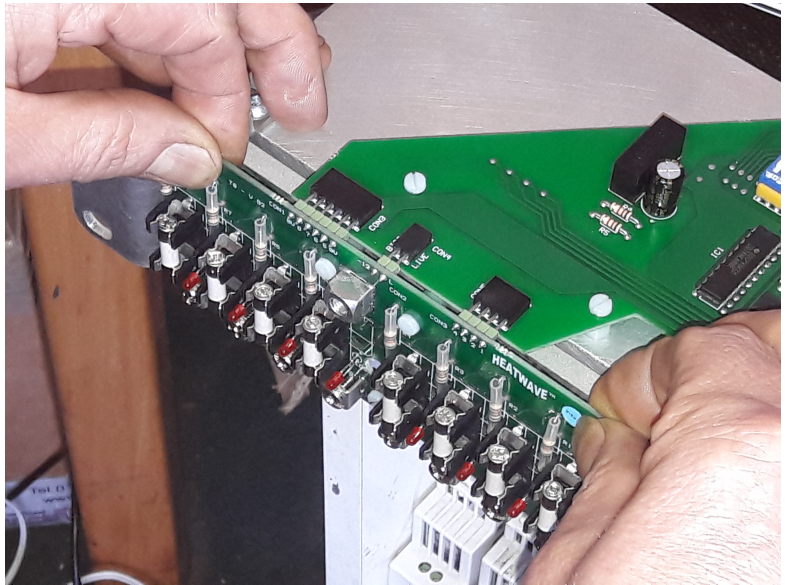
Obviously in the field, there will be field wiring attached to the live feed and the outputs. Do not remove the field wiring yet until you have the replacement T8 fitted.

Using a 2.5mm hex key, loosen the bolts A, B, C, D until the clamps will rotate outwards by 180 degrees to be free of the plate. When you have the top clamps pointing upwards, loosely tighten the bolt again. With the bottom clamps they should stay pointing downwards due to gravity. Gently pulling from the top 2 corners of the pcb (A,B), remove the T8 unit from the rack unit (with all the wiring still attached).



Hopefully at this point you should be able to make enough space if the field wiring is free enough to be able to insert the replacement T8 unit.

However before fitting the new T8, use MEK, panel wipe or similar solvent to lightly degrease both the back of the new T8 unit and the heatsink front face against which it is to be mounted. Then making sure the connectors are aligned, the new T8 should gently push in. Then rotate the clamps so that they face inwards again and are loosely clamping the heat transfer plate( the top bolts will require some loosening off again to achieve this). Make sure you do not get anything trapped between the two mating surfaces, which is why it is better to remove the old unit with field wiring intact. Make sure when you are tightening the bolts initially that the clamps do not rotate with the bolts. When all 4 clamps are loosely clamped in position, start torquing up in the order ADCB, just a fraction of a turn at a time on each one to apply an even pressure. The final torque should be just about as hard as you can go with the short end of the hex key in your fingers, so not a massive torque.



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Now simply transfer all the field wiring onto the new unit, one connection at a time.

Mark the old unit up and keep it as it may be possible to recondition the unit.