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## Frequently Asked Questions

Date Raised: 07/10/05

Safe practises should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on [service@teknatool.com](mailto:service@teknatool.com)

Date Amended: 07/10/05

**Question:** How do I correct a current overload error on my DVR?

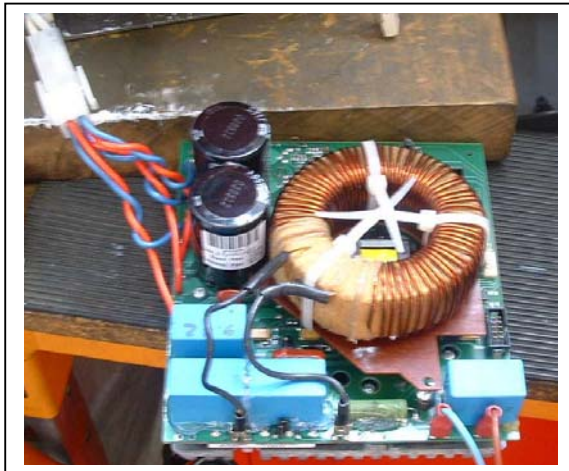
**Answer:** It may well be that the component responsible for sensing current is alarming because of oversensitivity. This can be fixed by adding a capacitor across it. The capacitor is a 47uF Electrolytic 25 V rated to 105 degrees Celsius.

### Equipment Needed:

Philips screw drivers  
Small Side cutters  
Soldering Iron  
Solder

First step is to remove the headstock or enable the control board fastenings to be removed. See "**How to Change the DVR Control Board**". The next step is to then remove the control board also outlined in the above procedure.

With the control board removed locate the fastenings that hold the coil in place. There are 3.

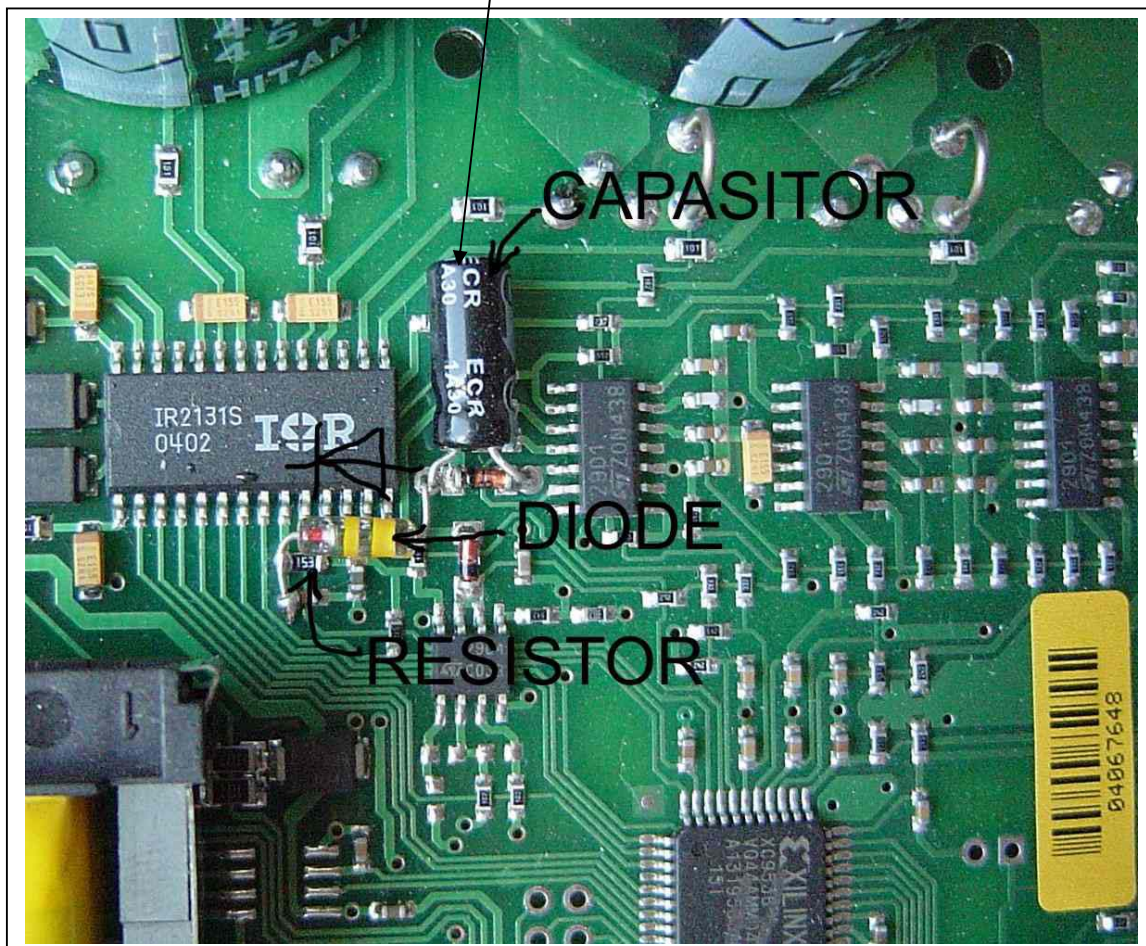


Remove these and lift it and place in front so you have access to the board below it.

Then you are looking for the component IR2131S and a diode above it. The capacitor will be added across this diode.



Trim the legs with side cutters (or equivalent). Place the capacitor as shown below with the positive leg (longer leg or see -ve marking on capacitor) closest to the IR2131S component. Solder in on top of the diode below. (NOTE IGNORE THE DIODE AND RESISTOR REFERENCE, this applies to a different version of control board) (NOTE 2 this photo below is a 90 degree rotation of the above photo)



Fasten coil back in place and put board back in headstock.

END