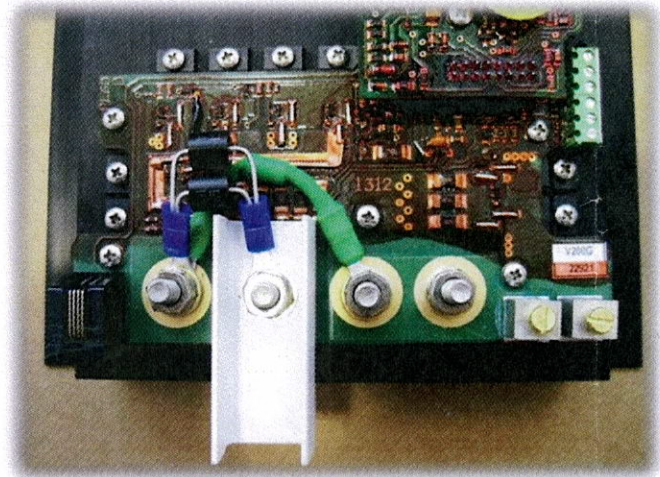
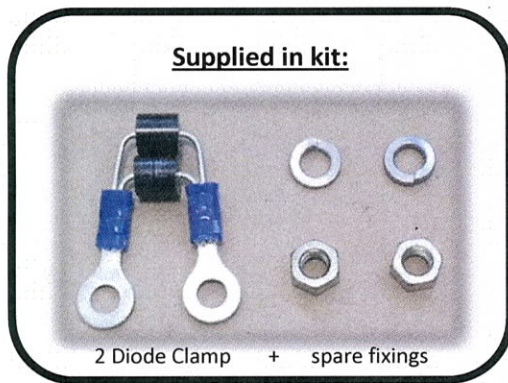
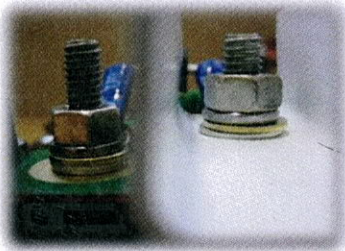


## Retro-fitting the PL60 TVS Diode spike suppression kit



### Installation (most preferred method):



### Alternative installation (less preferred, see text below):



### **Installation Instructions:**

- Power the system down (turn off loads, turn off solar, turn off battery, in that order).
- Carefully remove the PL60 cover (M3 x 6 machine screws on either side).
- Remove the nuts, any spring washers, and any flat washers from SOLAR NEG and BATTERY NEG posts.
- Remove crimp-luged cables from posts.
- Install new '2 Diode Clamp' between SOLAR NEG and BATTERY NEG as shown (**polarity doesn't matter**).  
NOTE: one of the new '2 Diode Clamp' lugs should be **on top** of the existing (typically in green heatshrink) single diode lug on the SOLAR NEG post.
- *Alternatively (less preferred) you could just install the new '2 Diode Clamp' directly on top of the existing post nuts, but you may find there is not enough thread left on the BATTERY NEG post to allow this.*
- Make sure the new '2 Diode Clamp' is not touching anything as it gets very hot under some conditions.
- Power the system back up (turn on battery, turn on solar, turn on loads, in that order).