



## **Bodybuilder's Bulletin**

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**Welding of chassis components and protection of ECU's**

### **Important**

Please note the correct procedure for disconnecting batteries when carrying out any chassis welding.

This also applies if welding superstructures or other equipment that are connected in some way to the main chassis of the vehicle.

Switch off all electric consumers (e.g. lights, hazard lights etc)

Switch off ignition

Close all doors

Wait for 20 seconds before disconnecting batteries on both +ve and -ve terminals (negative terminal first)

### **Clamp both main terminals together**

Failure to do so could result in current 'spikes' feeding into the vehicle ECU's and causing irreparable damage.

Costs for failures of this type are not covered under warranty !

*Should you have any queries on the above, please contact Product Engineering on 01793 448170 or email [bodybuilder@man.co.uk](mailto:bodybuilder@man.co.uk).*

**Please circulate and then retain in the Bodybuilder's Manual**