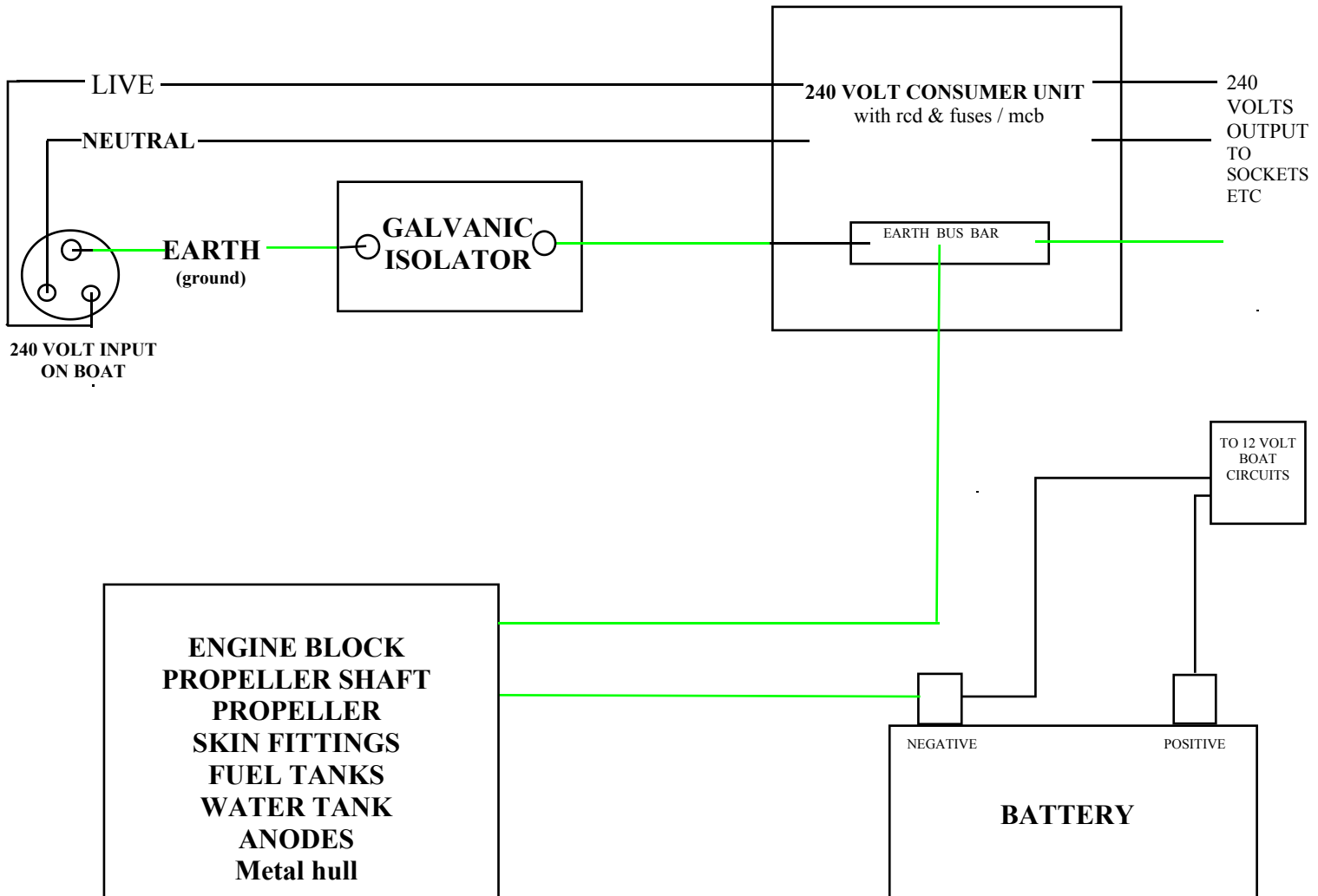


Wiring diagram overview : Isolator installation



Safe bonding practice & recommended wiring diagram

All the underwater “metalware” is bonded together via common bonding strip to minimise any voltage differentials & “hold” them all at one constant voltage: This helps control interaction between metals & reduces corrosion & is standard practice on all modern vessels.

The green earth wire is essential : It provides a bonding between the metalware of your boat & the incoming earth wire from your shore power inlet. In the case of electrical short circuit or heavy fault leakage **the green wire** provides a direct path back to mains shore power earth via the isolator. Rcd & fuses in the consumer unit sense the fault current & disconnect the incoming mains supply.

Correct installation provides maximum safety onboard : Please consult a qualified electrician if unsure.