



CAUTION: When House Bank and Emerg Bank are vastly different in size, a failure in the large bank can lead to **HUGE** amperage flowing to empty bank. The fuse on the ACR could blow from this without you knowing. Make sure fuses on the ACR are sized for the wire guage.

Dependson how the alternator is grounded - (Casing or Isolated negative post) - Casing: run Neg wire to Starter bolt, Isolated: run wire to DC Neg Block.

Fuse required after leaving Bus 1 to protect this wire. All downhill runs must be same guage until reaching fuse for device. Max rate for bundled 10AWG is 40A.

NOTE: Important devices - electronics, safety, etc should have a second fuse (per device specs) right at the device to protect it. The upstream fuse (at the start of the run) can then be larger and fused to protect the wire.
 NOTE: On very long runs the wire guage will be large to deal with voltage drop, but the appliance leads can be much smaller. To make this connection USE A TEMINAL STRIP. eg. Water Pump & Macerator

NOTE: Isolation Switch on Bank 1 is in case of total failure of that bank. Open the circuit to direct all charge current to Bank 2 for usage.