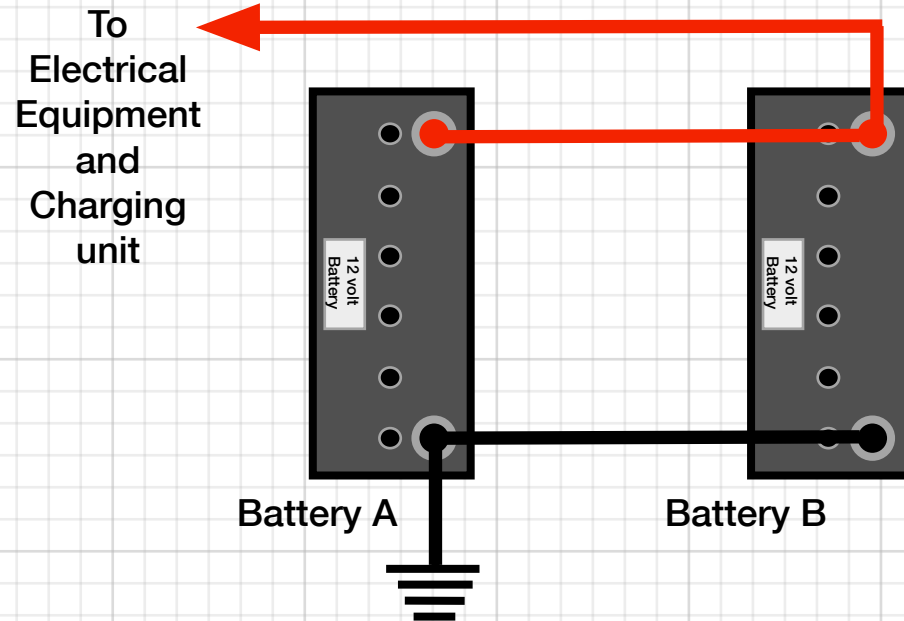


The **WRONG** way to connect two batteries in parallel.

The second battery (B) is just connected via two heavy gauge wire bridges to the primary battery (A). The volt drop across these links will always mean the primary battery supplies more current to the electrical load than the second battery. It also means that when being charged, the second battery will never receive the full charging voltage because of this voltage drop.



The **CORRECT** way to connect two batteries in parallel.

Simply moving the positive cable that feeds the electrical load to the second battery (B) means that both batteries have the same voltage drop when on load and conversely both batteries have the same voltage drop when being charged. This will help maintain and cycle both batteries evenly.

Two points to remember: always try and use equal length bridge cables and never earth both batteries to the bodywork and expect the bodywork to make the electrical connection between the two.

