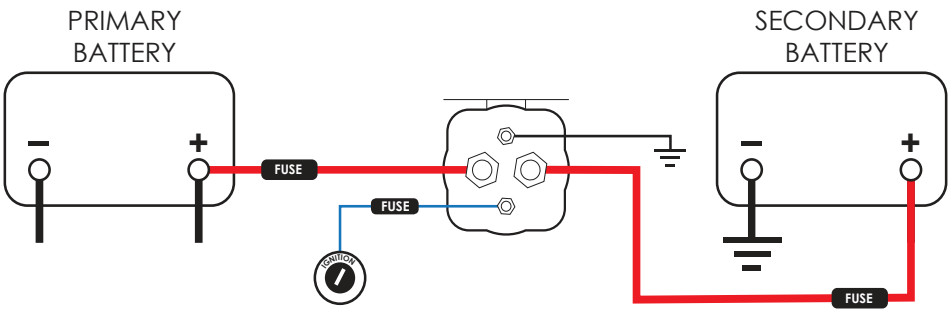
Battery Isolator / Relay Installation Instructions

Adding a Secondary Battery

Using an isolator when adding a second battery will keep the batteries from discharging each other and allow you to run accessories from the Secondary Battery without draining the Primary Battery. When installed as described below, the two batteries are automatically connected when the vehicle is started and running and disconnected when the vehicle is off.

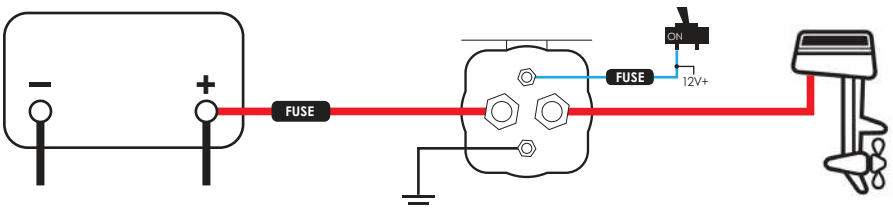


Connect one of the large terminals to the Primary Battery Positive (+)
Connect the other large terminal to the Secondary Battery Positive(+)
The large terminals are non-directional and can be wired in either direction.
Power connections should be fused according to your application, no more than 18" from battery.
No fuses are necessary for installations where the power cables are shorter than 18", for example if the 2 batteries are side-by-side.

Connect one of the small terminals to chassis Ground(-)
Connect the other small terminal to a True Ignition source(+)
The small terminals are non-directional and can be wired in either direction.
True Ignition is a power source that turns on with ignition and stays on while cranking.

High Current Relay/Solenoid

SGP Series relays can be used in applications requiring 80A-500A current like motors, winches, commecial equipment, etc. The two small terminals are for switching the relay on and off. Either one of the small terminals should be connected to chassis ground or other ground location and the other terminal to switching power output. Switching power must be between 10 and 16 VDC. The relay coil draws less than 1amp when switched on.



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