

Powering a trailer from the Truck's Charging system..

"dragging" charging current through a trailer connector is generally a bad idea, just because of the "beating" they take getting wet n dirty all the time, and the connections are only sized for lighting-current anyway.. For Beef N Abuseability.. Starting at the battery.. use a battery isolating rectifier to prevent draining the truck's battery for ANY reason (or failure). Add a 30 amp MaxiFuse, and use 8 gage wire all the way back to a .375" quickConnect or better. Also.. run an 8 gauge Negative battery wire with its own beefy connection as insurance so you don't cause any other taxation on the electrical of the truck. When you run those beefy wires, make SURE they cannot wear against sharp abrasive surfaces, protecting them with a slit n' zip-tied piece of cheap hose where appropriate. This is beefy bulletproof and insured. Less is less.