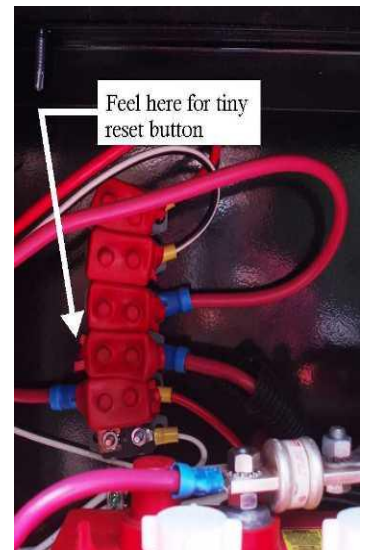
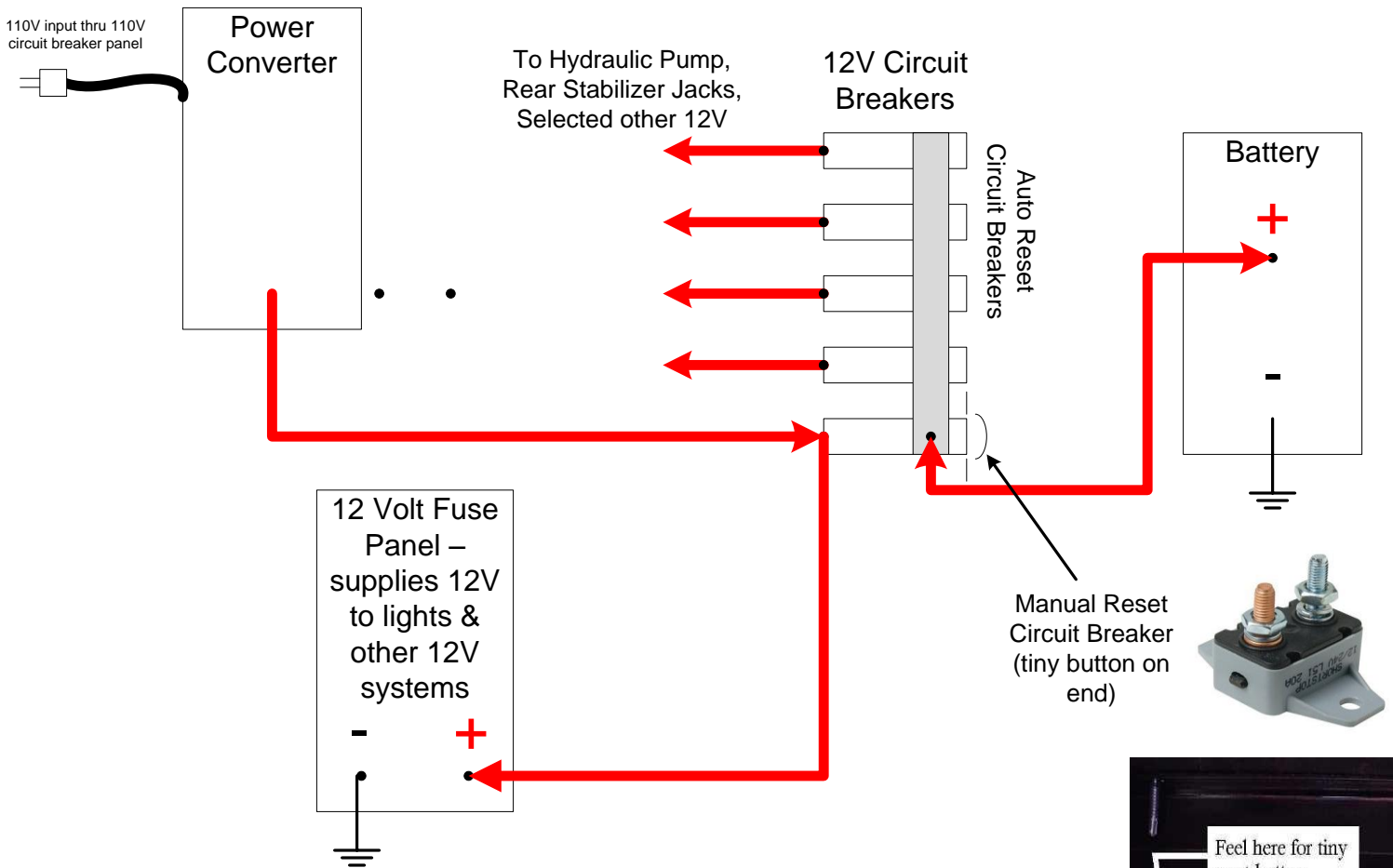


Battery, Buss Bar and 12V Circuit Breakers, 12V Fuse Panel, Power Converter



When plugged into shore power, 110V is supplied to the main circuit breaker panel inside the RV. One of those circuit breakers supplies power to an outlet, usually found behind the basement wall, into which the Power Converter is plugged.

The Power Converter converts 110V AC into 12V DC power to both charge the battery, and to supply power directly to the 12V main Fuse Panel inside the RV.

In order to charge the battery, the output of the Power converter goes to one of the 12V automotive style circuit breakers located on a buss bar near the battery.

The 12V Circuit Breakers supply power to high current devices like the Hydraulic Pump, Rear Stabilizer Jacks, Power Cord Reel, and electric slide-outs.

Failure of 12V Lights and other 12V Systems

If the 12V lights and other 12V systems lose battery power after disconnecting from shore power, it's often because the Manual Reset Circuit Breaker on the buss bar near the battery has tripped. If this circuit breaker trips, the battery no longer gets any charge from the power converter and will run down, causing failure of 12V systems. When plugged into shore power, the battery charging problem is masked because 12V power is also supplied by the Power Converter.