

# Electrical Wiring Overview

An electrical circuit is a way of accomplishing work by routing energy through a loop. Voltage starts from the positive terminal of the battery, goes through various devices, and returns to the negative terminal of the battery. This is a complete circuit also known as a closed loop.

If a device's power does not go directly back to the battery, but instead gets 'grounded' to the car's chassis, the electrons finish the loop back to the battery because the battery also is grounded in the same way.

Attach this lead to a 'switched' power source. This source should come on only when the engine is running and will provide power to activate the relay or solenoid.

The BEST place is to connect into the fuel pump relay which only in fact comes on when the engine is running. Wind-shield wipers are sometimes another good circuit to us.

