

Essential Wiring Steps

- **Check Polarity:** Most stock Model A cars were 6-volt positive ground, but many upgraded or converted cars run 12-volt (or 6-volt) negative ground. Buy LED assemblies or replacement bulbs that specifically match your voltage and polarity.  YouTube · Ken Smith Ga... +1
- **Grounding:** Traditional Model A tail light housings mount to the rear fender/bracket and often rely on that physical connection for ground, but modern LED insert kits or replacement lamps usually provide a dedicated black ground wire. Ensure a clean, bare-metal connection to the frame or bracket.
- **Tail and Stop Circuits:** Connect your tail light feed wire to the running light circuit and the bright-element wire to your mechanical brake light switch on the brake pedal arm. If you swap wires or encounter cross-illumination, use butt splices or heat-shrink tubing to secure and isolate connections. 
- **Turn Signals:** If you are adding turn signals, standard thermal flashers will not flash properly with the very low current draw of LEDs. Replace the old flasher canister with a dedicated **LED-compatible electronic flasher**. 