



Place milliammeter in series with R3.  
 Connect JP1 to the base of Q1,  
 effectively taking Q1 out of circuit.  
 Apply power and operate SW1.  
 Observe that Q2 collector current is  
 not sufficient to light D1 at  
 full brightness.  
 Move JP1 to the emitter of Q1.  
 Observe greatly increased current  
 gain at Q2.

Transistors 101: Episode 8

**Kludges from Kevin's Cave**

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