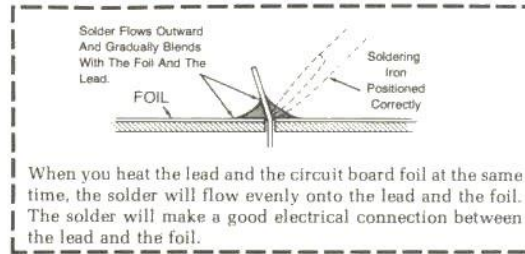


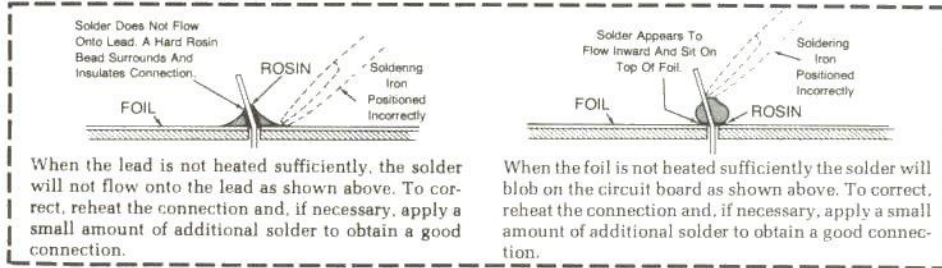
Union College
ECE101
Soldering

A *good* solder connection will form an electrical connection between two parts, such as a component lead and a circuit board foil tracer. A *poor* solder connection can prevent an otherwise well-assembled kit from operating properly.

A GOOD SOLDER CONNECTION



POOR SOLDER CONNECTIONS



A **solder bridge** between two adjacent foils is shown in photograph **A**. Photograph **B** shows how the connection should appear. If a solder bridge should develop, turn the circuit board foil-side-down and heat the solder between connections. The excess solder will run onto the tip of the soldering iron, removing the solder bridge.

