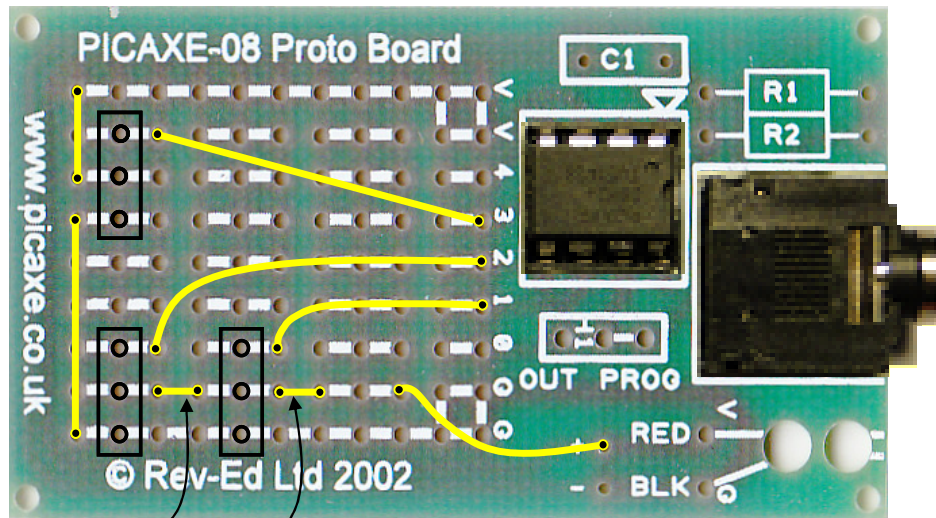


1 - First add control board jumper wires

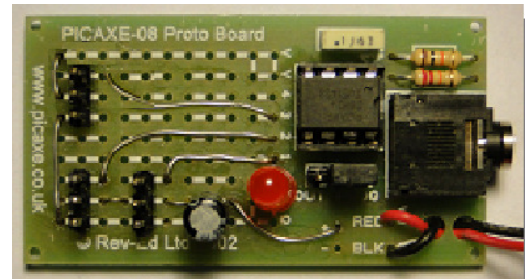
- Use solid bare bus #24 wire
- Run wires along top surface of board
- Put ends through indicated holes, solder, and trim
- **Count holes** to make sure of ends points
- Be sure wires are not touching when you are done
- There are a total of **eight** jumper wires



Here's a tip -

It is easiest to insert one end of a jumper wire and solder it first. Then you are free to shape and run the jumper to its other end before inserting and soldering it.

Exact shape is not important. Ends points and not touching are!



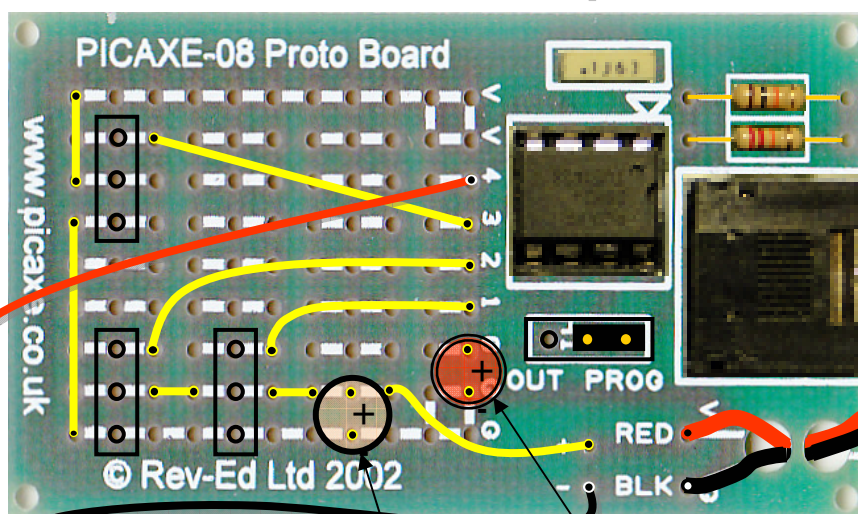
- These two short jumper wires have been pre-installed. You will put on the remaining six.

2 - Then use instructions in the proto board bag

- The chip socket, programming connector, and three headers have been pre-installed
- Use the battery box instead of the battery clip shown on the sheet
- The shorter pins on the OUT/PROG header go into the board



3 - Last, install another capacitor, LED, and speaker



Check over the board when you are done. Make sure jumpers and parts are in the right holes and polarities are right.

Inspect your solder joints one last time. Now get your Picaxe!

speaker
no polarity sensor and servo motor headers

electrolytic capacitor
long lead is +

red LED
long lead is +

Pay attention to **polarity** when installing the capacitor and LED

