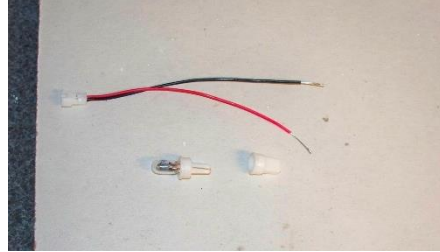


Installing LED passenger lights using the old light socket

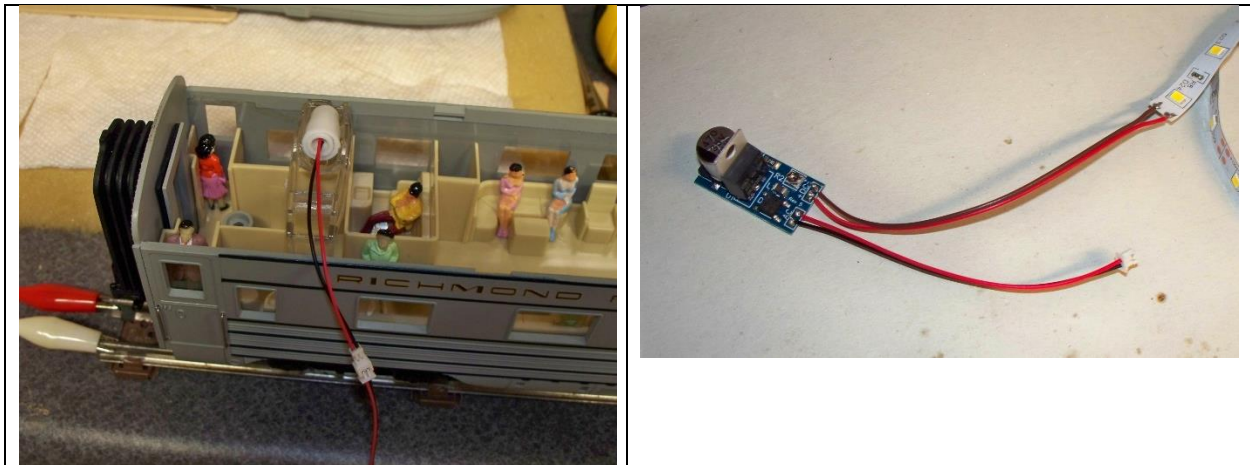
If you have bulbs like these and don't have a JST connection for the AC on your passenger cars, one easy way to wire into your AC on the passenger car is to try to reuse the lamp sockets if possible. These are rail king cars shown and here is a picture of a JST 1.25 along with the existing lamps and holder



Remove the light and insert the JST wires. These wires have been tinned to make them firmer than stranded wire and also so they will be close to the wires of the lamps we are removing. This insulated wire is also small enough to slip through the holes in the end of the socket so be careful to stop and wrap the tinned wire around the socket. Here is what we are trying to do.



Take the bulb socket and reinsert into the lamp holder being careful to make sure the tinned wires connect to the copper strips in the lamp holder. This connects to the other half of the AC connected JST on the GRJ unit.



This allows you to take off the top of the car if you need to. Plus, no need to take out the seat section and fool with the wires under there. I did not use a JST between the LED strip and the DC on GRJ unit- you could of course if you wanted to.