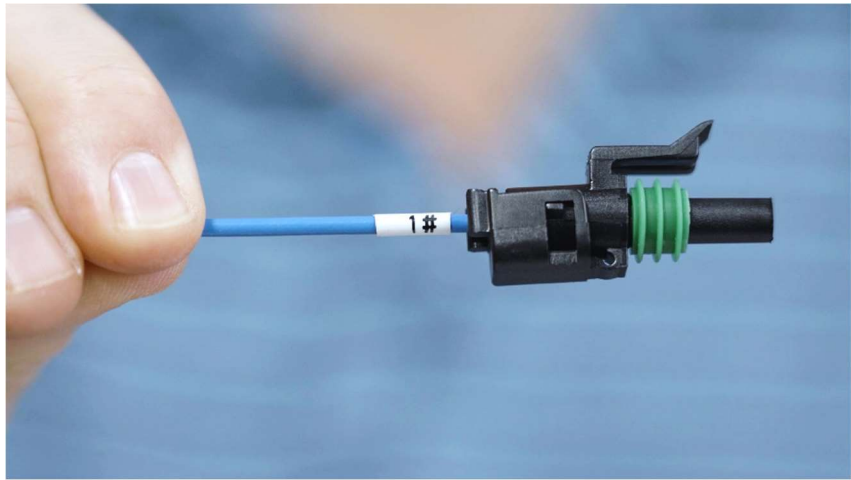


HOW TO CRIMP ON CONNECTORS



There are two different type of connector pin ends.

Pointed End (Female)

Tub End (Male)



Both pin types have the same opposite ends with two sections that will need to be crimp down.

One section mimics a rib cage. And the other is two large fins at the end.



First, you will need to cut and strip about 1 / 4 inch of the rubber tubing revealing the bare wire.



Next, slide an **orange rubber seal** over the copper wire. Make sure the skinniest portion is closest to the exposed wire and it is lined up the end of the rubber tubing of the wire.



Now, place the wire into the pin receiver. Make sure the skinniest part of the orange rubber seal is set between the two large fins and the bare wire is set in the ribbed section of the pin.



DO NOT push the bare wire all the way up inside the pin. This will not provide a solid connection.



A **weather pack crimper** will make crimping the pin sections down much easier. With the crimpers here, you will crimp down each section separately.

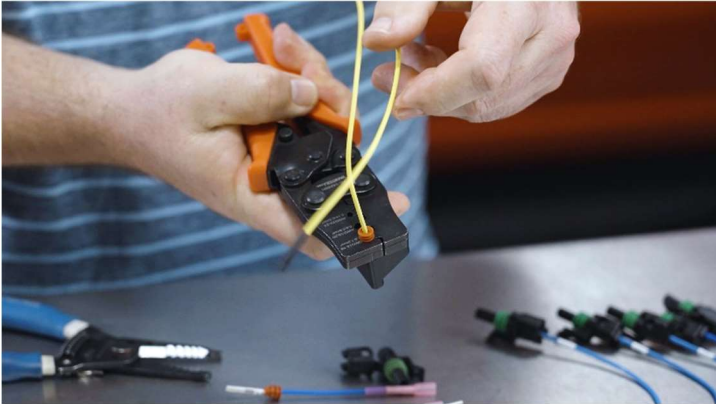


First, crimp down the ribbed section onto the bare wire. It should have a tight hold on the bare wire.



Next, crimp down the two large fins around the orange rubber seal.

The pin should look like the pin shown here.



Optional Tool

A weather pack crimper with a pin retainer will crimp down both sections at the same time.

Making it a faster install.

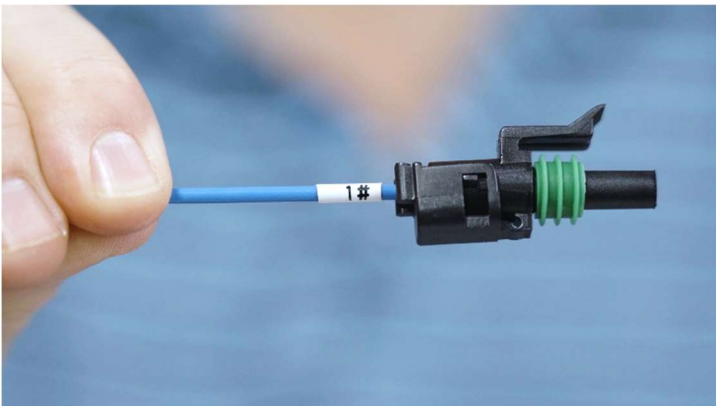


Next, place the assembled pin into the bottom of your connector.

Make sure the connector lid is up.

Make sure the connector lid is up.

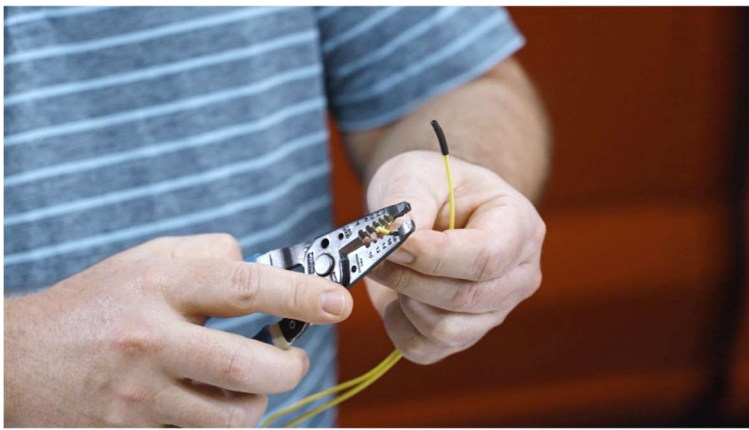
Push the pin in until the orange rubber seal is flush with the connector.



Next, push the connector lid down until you hear the click.

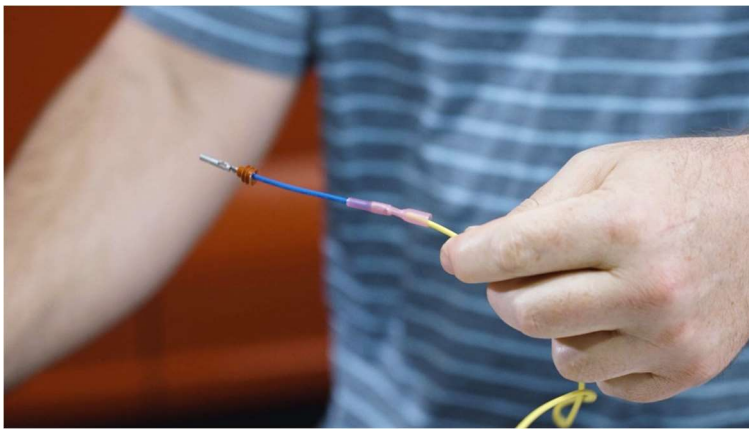
Last, give yourself a round of high fives because you just assembled your first connector.

Option #2



SPV has another way to add connectors if crimping pins is not your style. WE have pre-made switch wire pink tails.

First, cut and strip 1 / 4 inch of the outer tubing to expose the bare wire.



Next, slide the bare wire in the pink side of the pre-made switch wire.

Make sure the bare wire is fully inserted in the metal tube section.



Now, take your crimper tool and crimp down the metal section securing the bare wire.

(Tool shown is a Nylon Insulated Terminal Crimper)



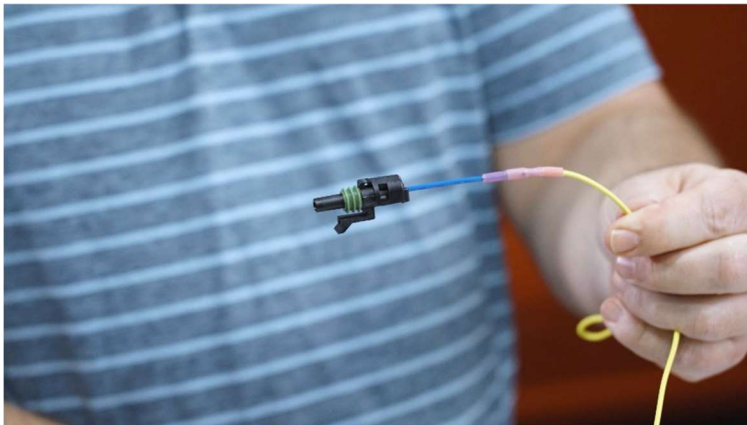
Next, use a heat gun to melt the end to make a tight seal.



Next, place the assembled pin into the bottom of your connector.

Make sure the connector lid is up.

Push the pin in until the orange rubber seal is flush with the connector.



Next, push the connector lid down until you hear the click.

Finally, slip on a birthday hat because you have finished just in time for your surprise party.



SPV also has numbered aux extension wire kits with connectors for those who need the extra length.