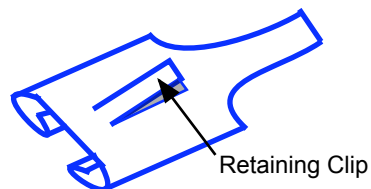
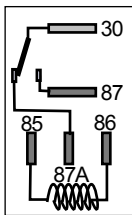


Tighten Your Grip on Life

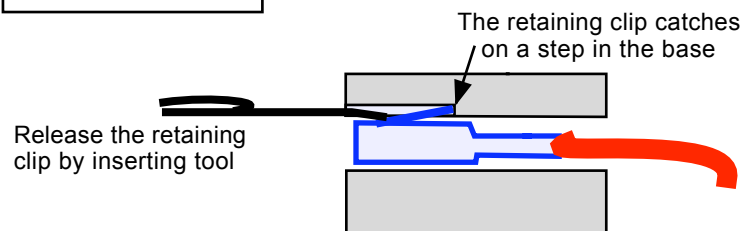


This is what the connectors look like

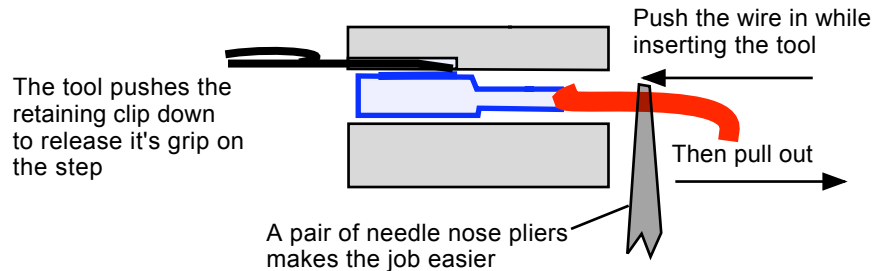
This little gap is where you insert a tool for removing the connector



This shows how the base connectors match up to the relay



Release the retaining clip by inserting tool

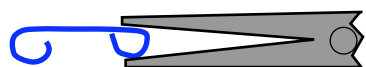


The tool pushes the retaining clip down to release it's grip on the step

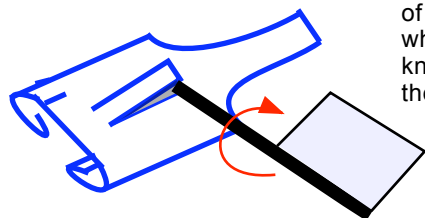
Push the wire in while inserting the tool

Then pull out

A pair of needle nose pliers makes the job easier



Squeeze the contact gently to tighten it's grip on the relay pin

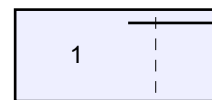


Bend the retaining clip out if needed with a twist of the release tool. You should hear a nice click when you slide it back into the base letting you know it has a good latch. If not when you insert the relay it will push the contact out.

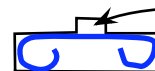
Contact Release Tool

Heres a simple release tool you can make from a scrap of metal.

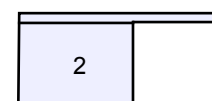
Take a scrap of metal, the size or shape is not important, just use whatever you can cut easily with your tin snips.



Make a cut near the edge so you get a sliver that will fit into the relay base. It will go all curly, just flatten it out again



Make the tool just a little narrower than the gap in the relay base



Fold it back on itself so the sliver sticks out like so and giving you a nice grip to hold



Side view



A slight kink in the end may help it to release the clip

Notes

1/ Relay base connections are a possible cause of many electrical problems. The connections are out of sight, sitting there arcing and sparking, not to mention corroding away. So heres how to remove the contacts so you can inspect, tighten or replace them.

2/ Before putting the contacts back dip them in vaseline or other contact grease to prevent corrosion. It also makes it easier to insert / withdraw relays.