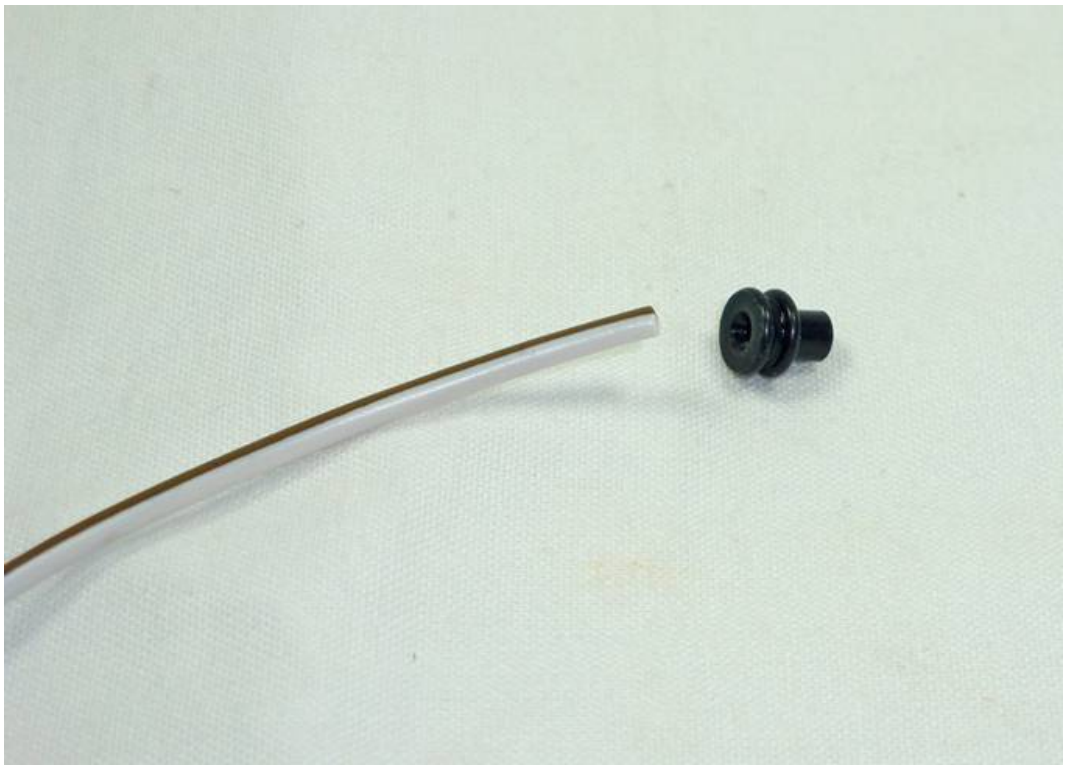
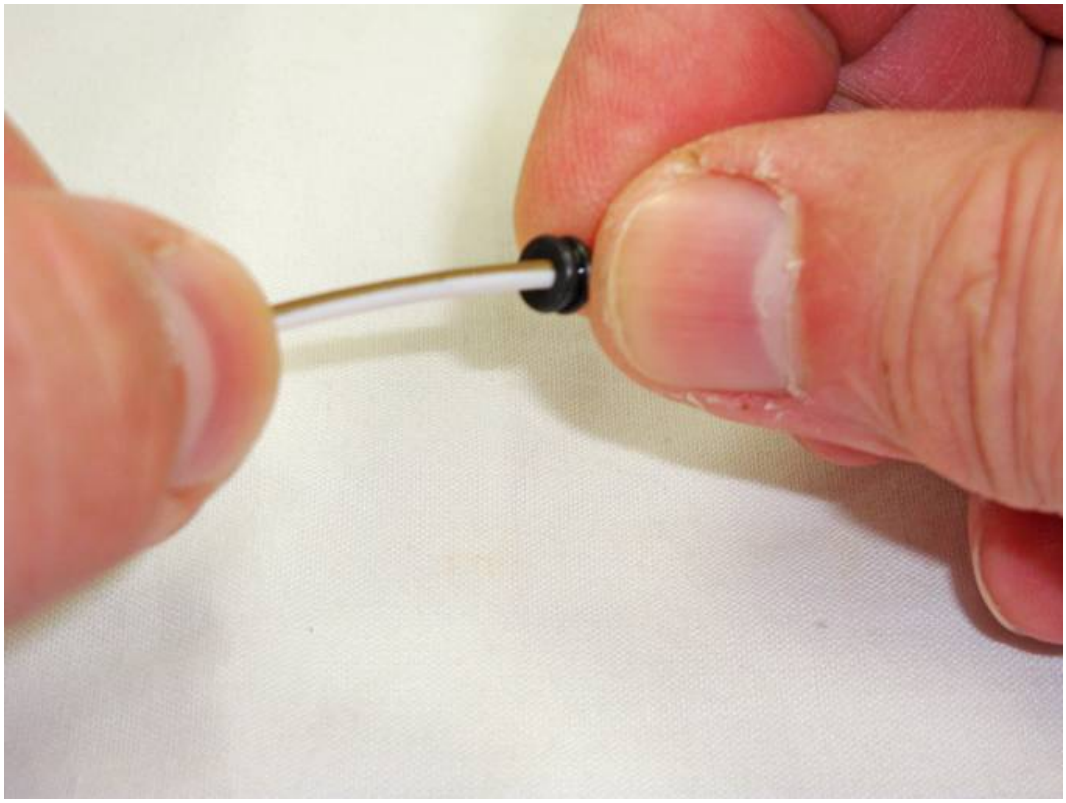
How to crimp and assemble the Defender front door harness mating connectors

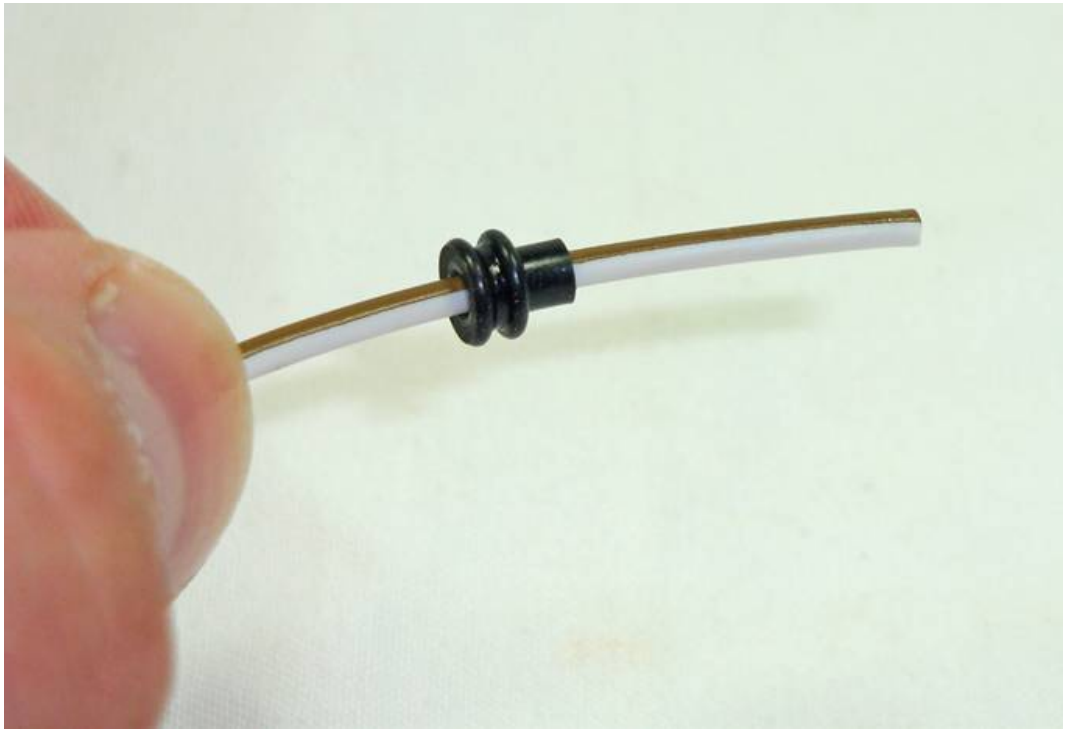
Electric Windows Connectors

Cable and wire seal

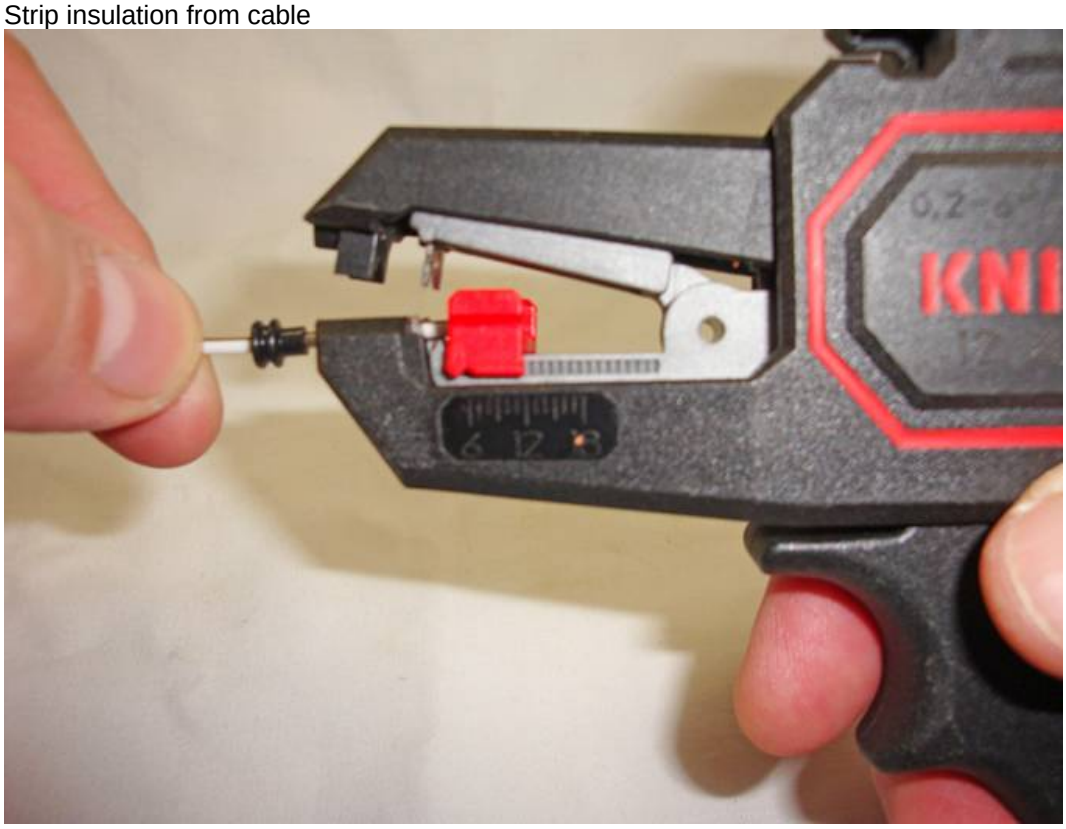


Slide wire seal onto cable

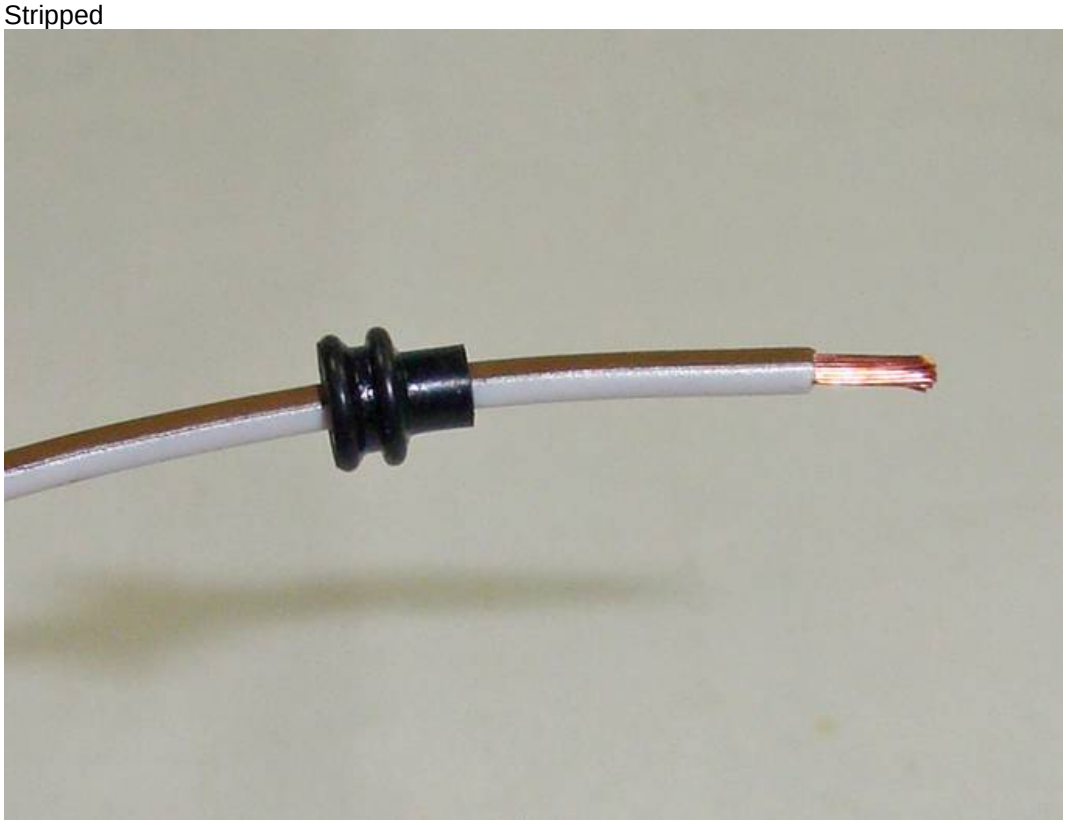




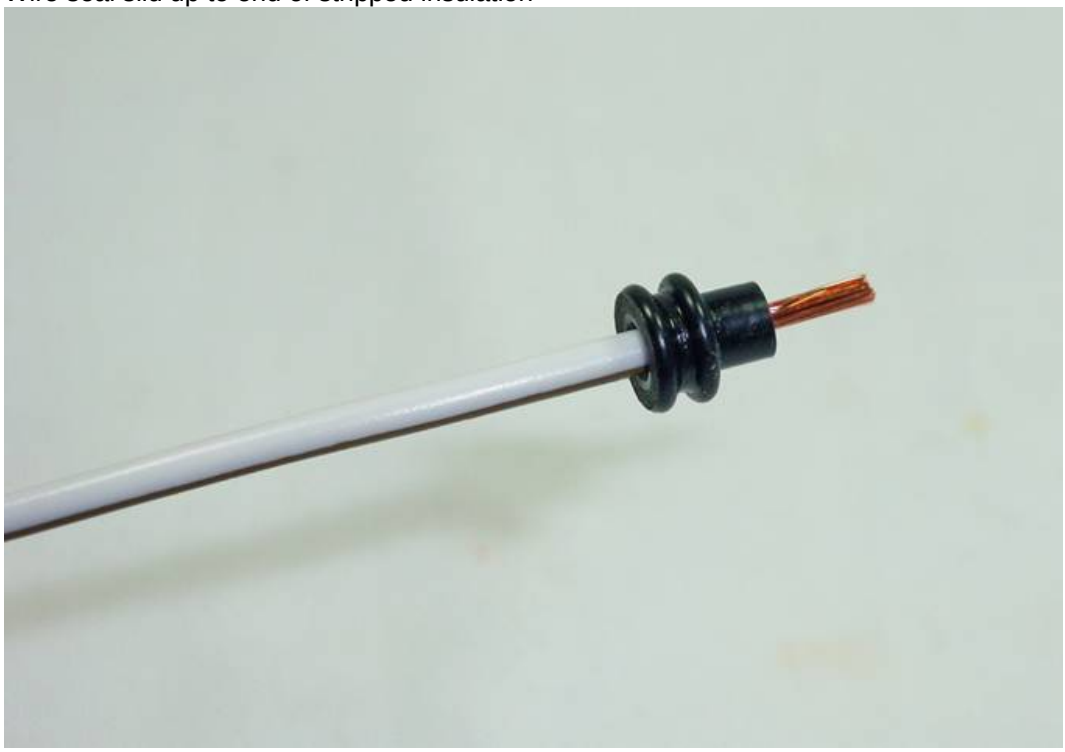
Strip insulation from cable



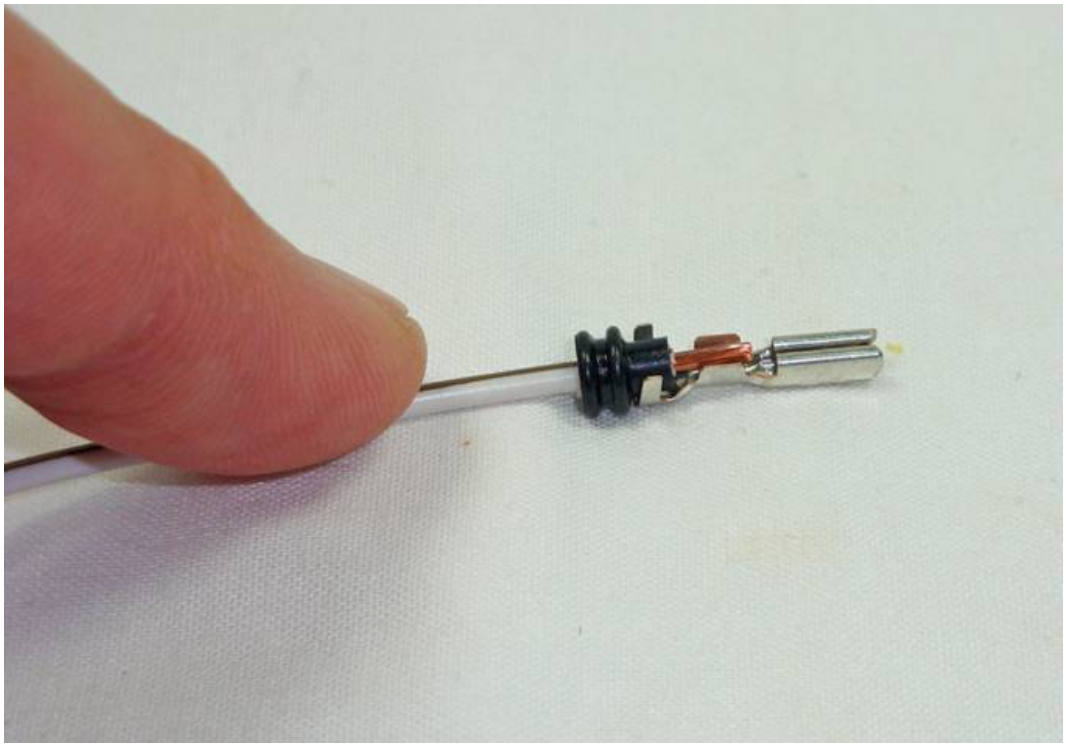
Stripped



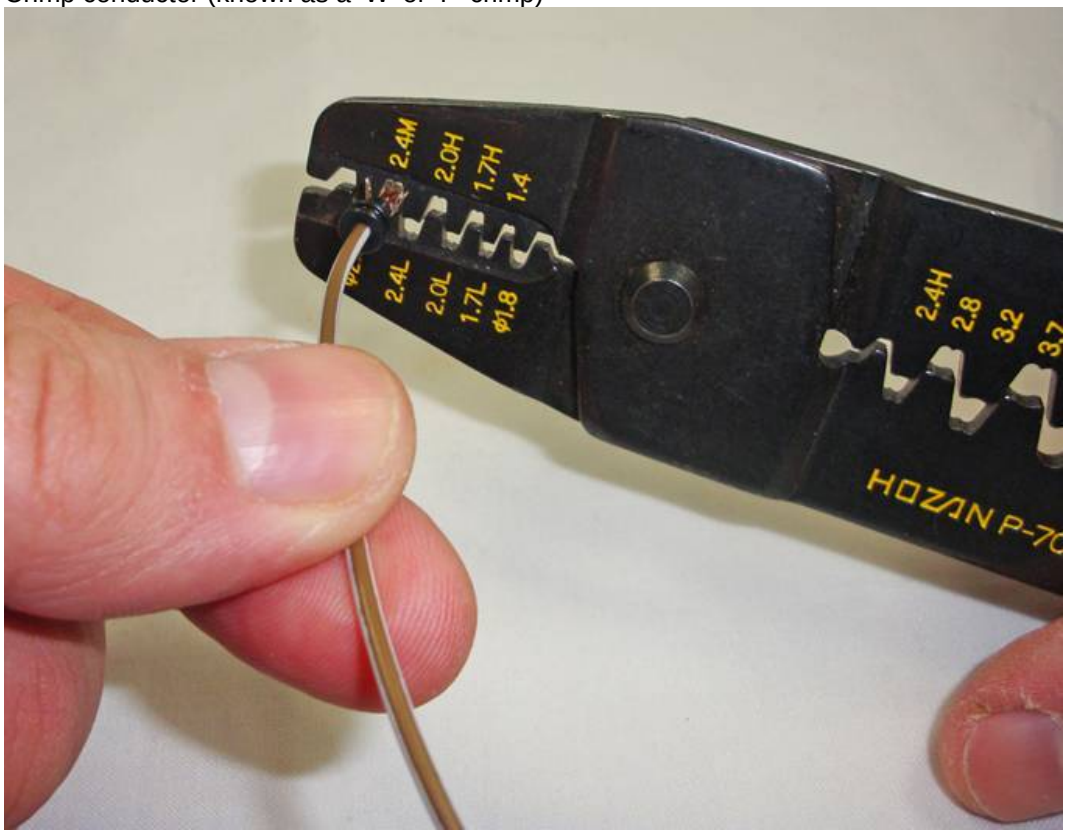
Wire seal slid up to end of stripped insulation



Insert into terminal



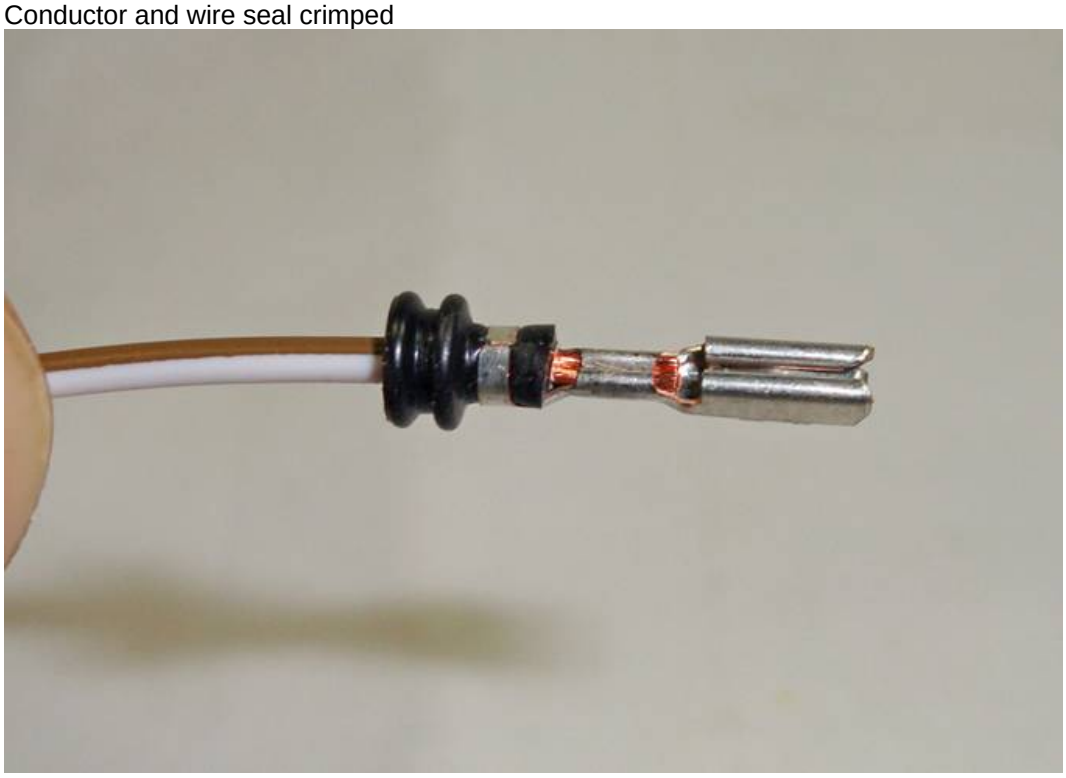
Crimp conductor (known as a ‘W’ or ‘F’ crimp)



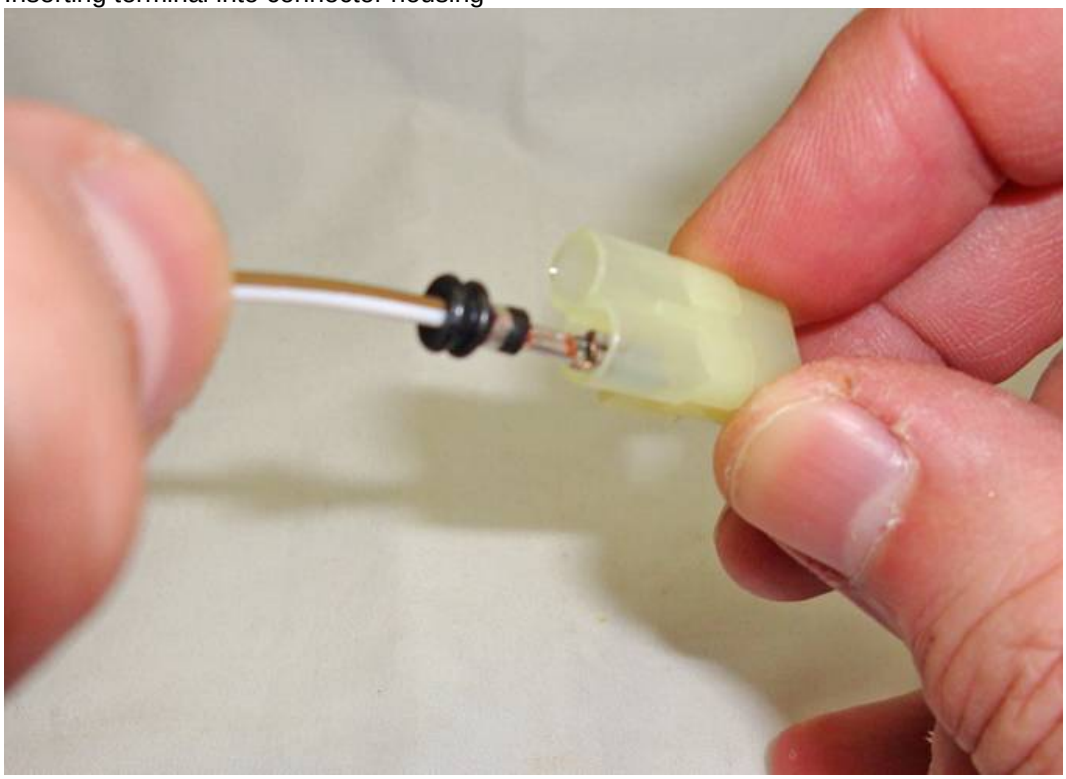
Conductor crimped

Crimp wire seal (known as an ‘O’ crimp)

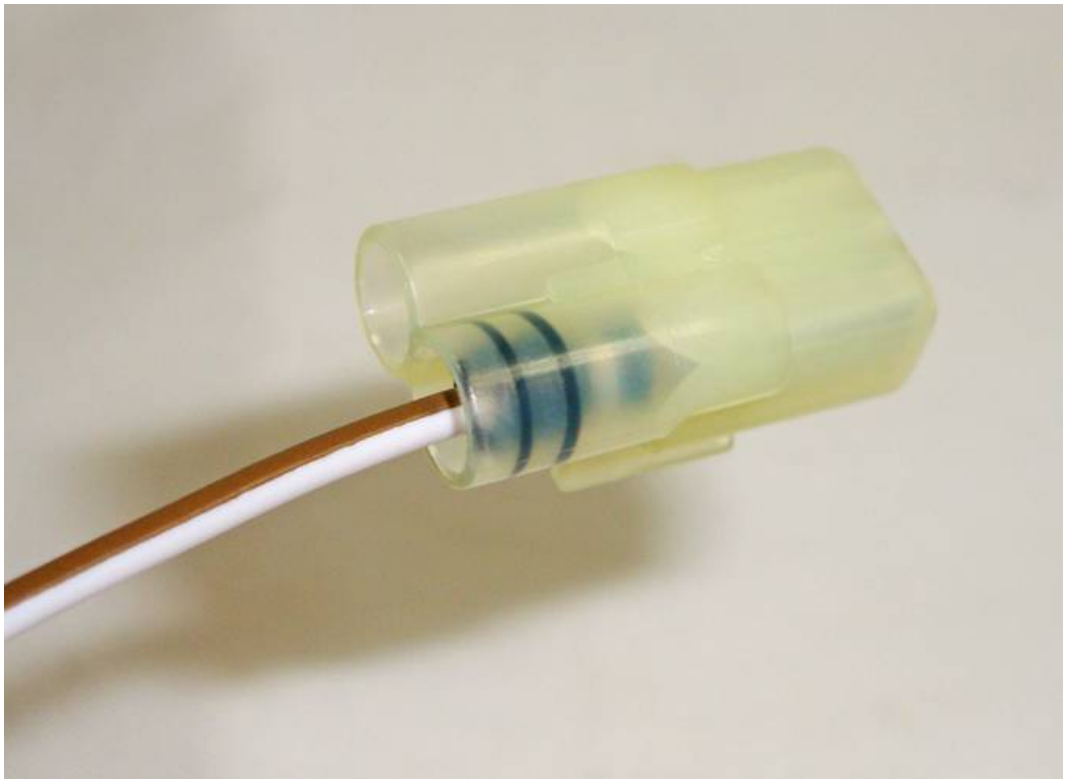
Conductor and wire seal crimped



Inserting terminal into connector housing



Terminal inserted



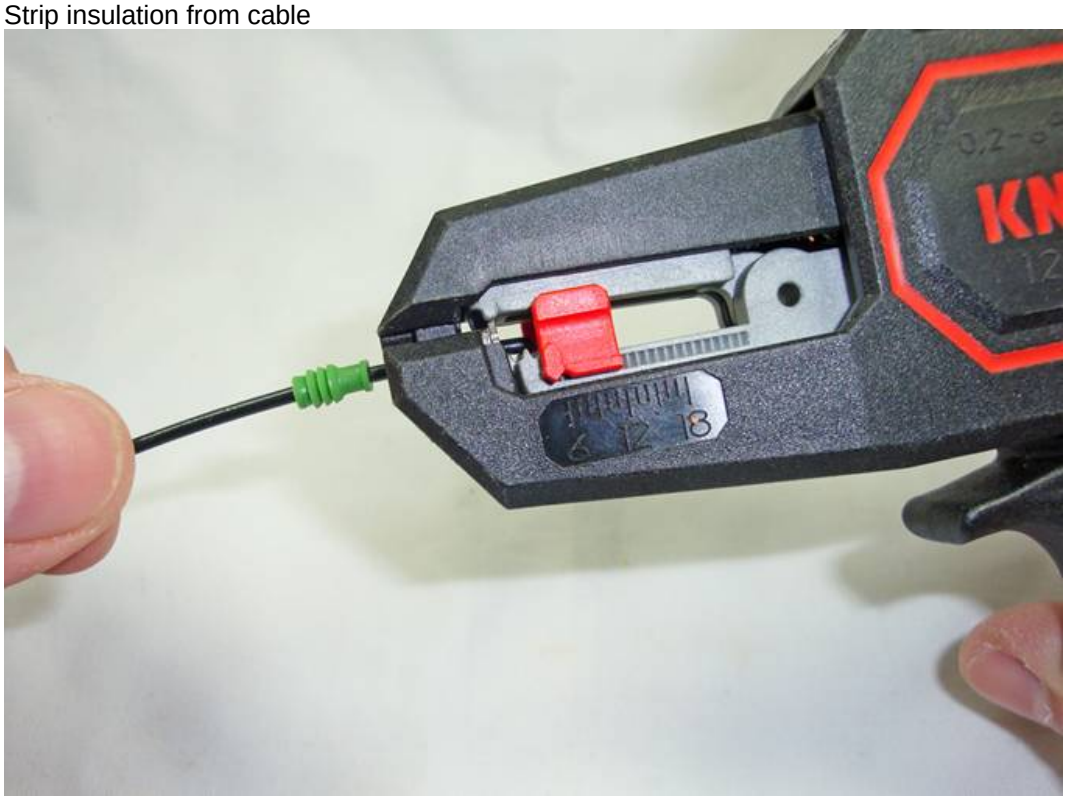
Central Locking Connectors

Front passenger's side, and both rear side doors (2-way connector) – uses 2 x 0.75mm^2 cables

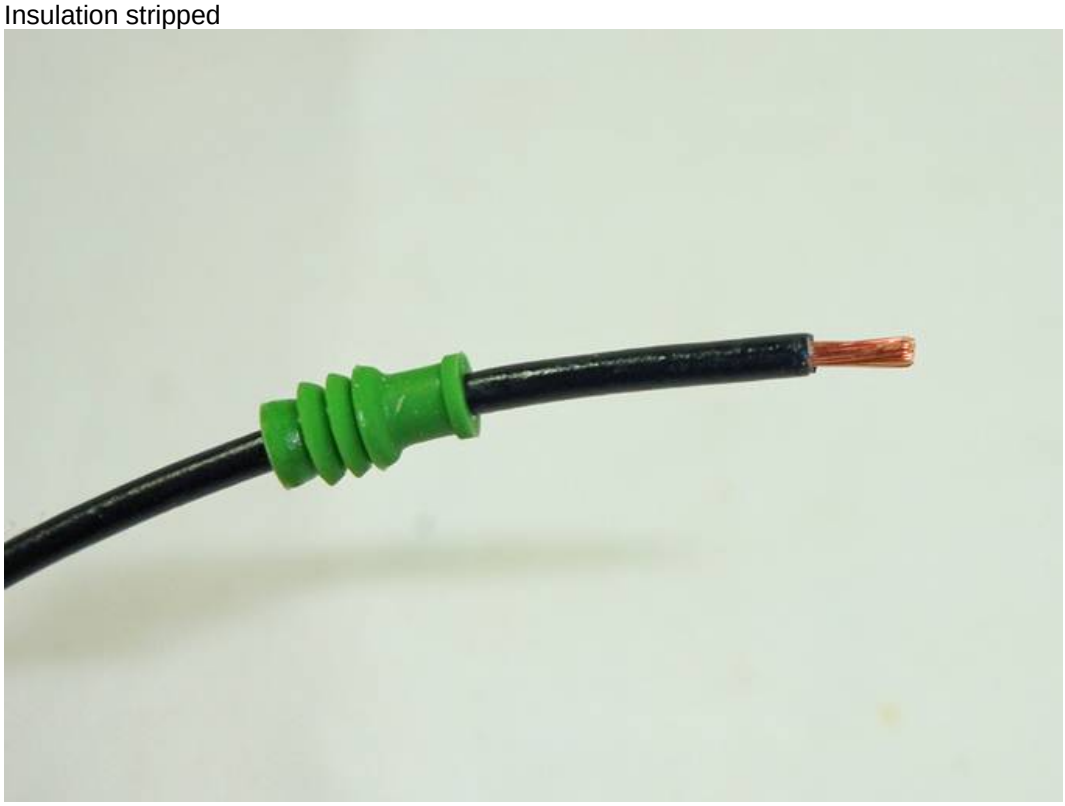
Cable and wire seal (for 0.75mm^2 cable)

Wire seal slid onto cable

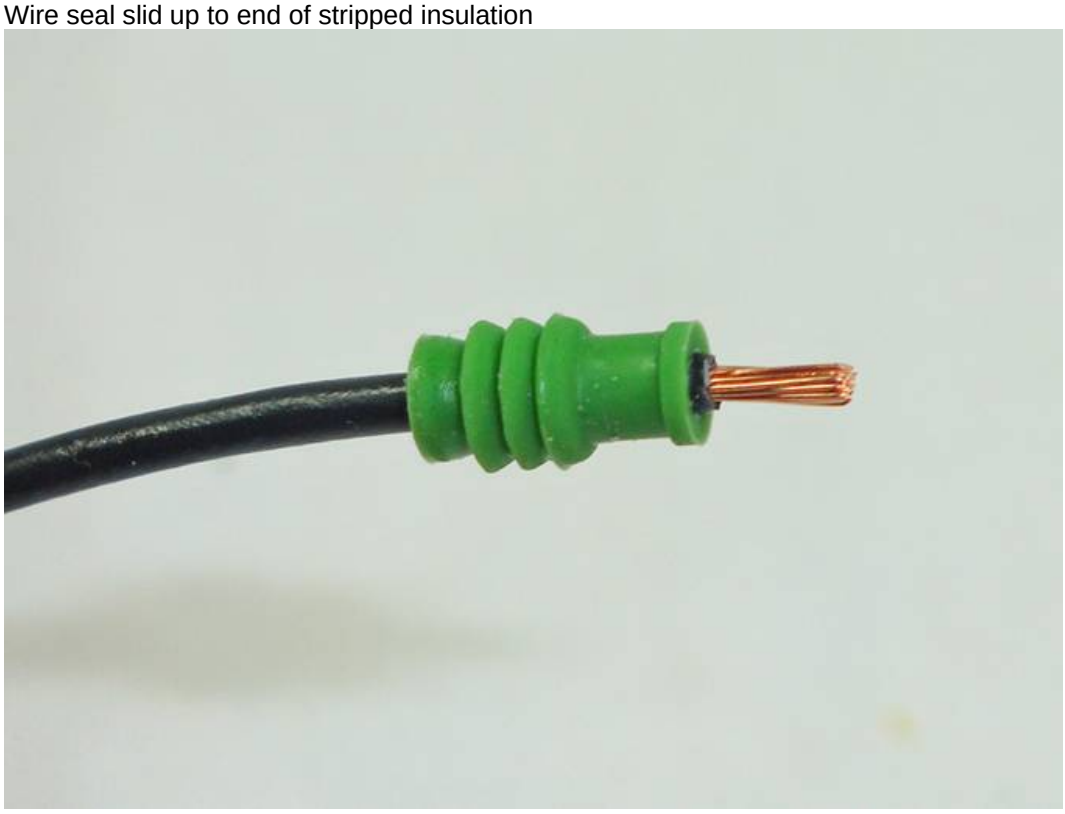
Strip insulation from cable



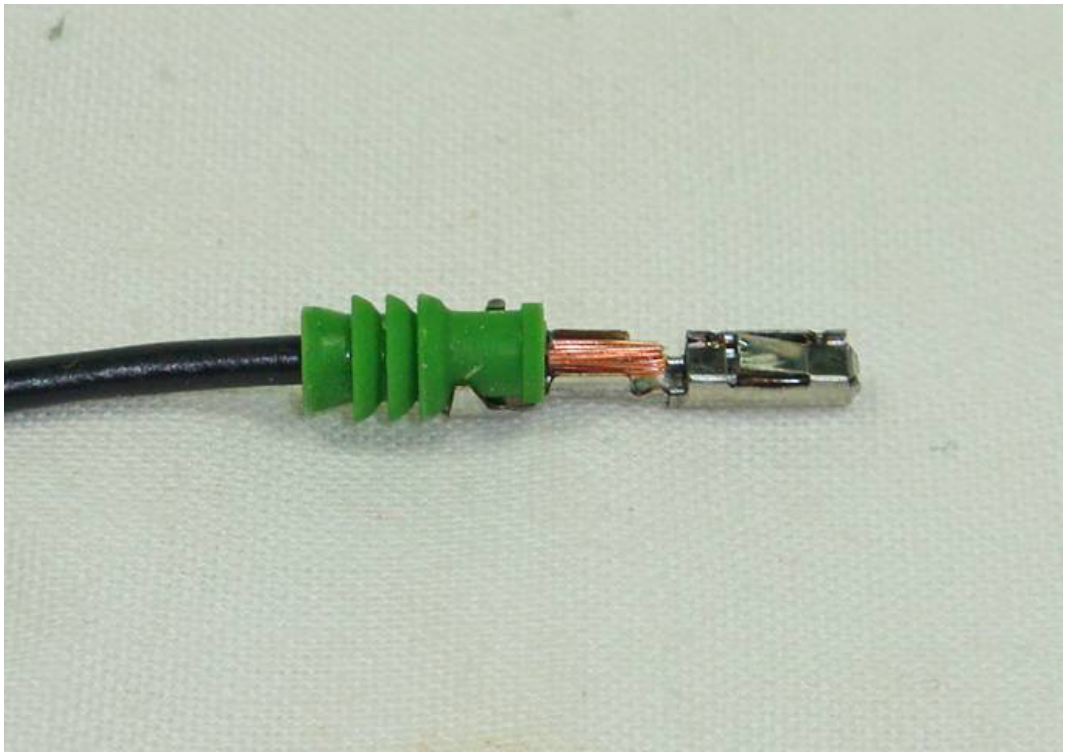
Insulation stripped



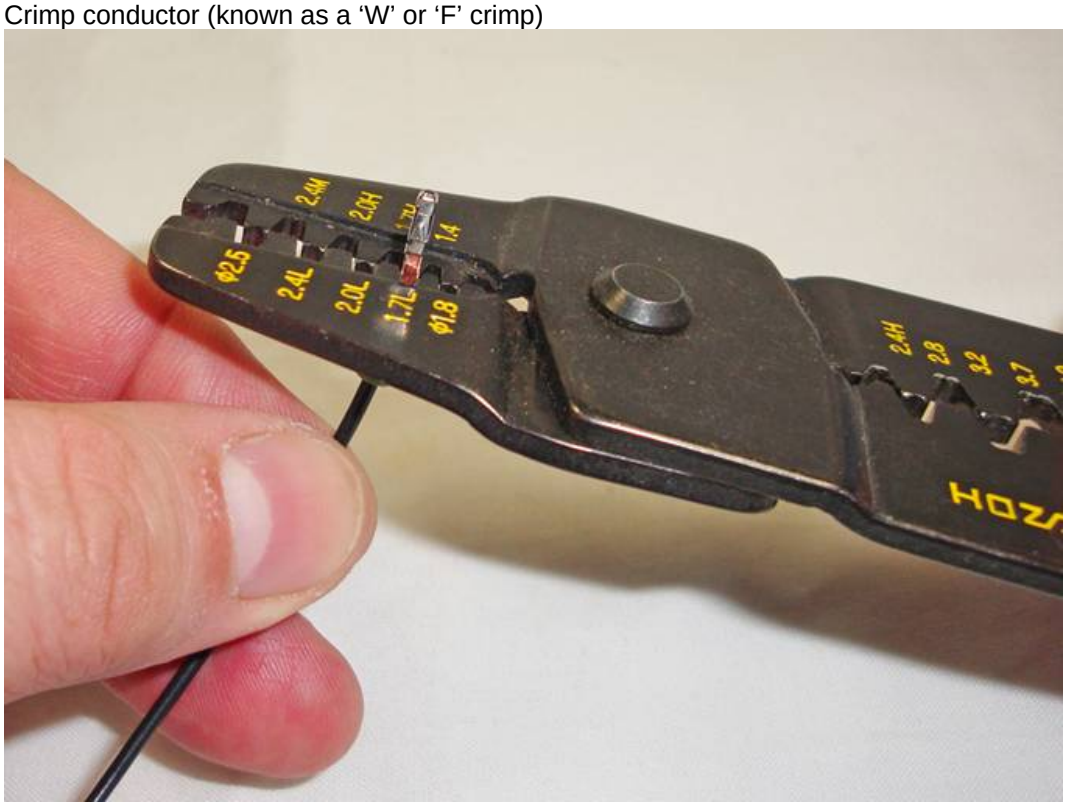
Wire seal slid up to end of stripped insulation



Insert into terminal

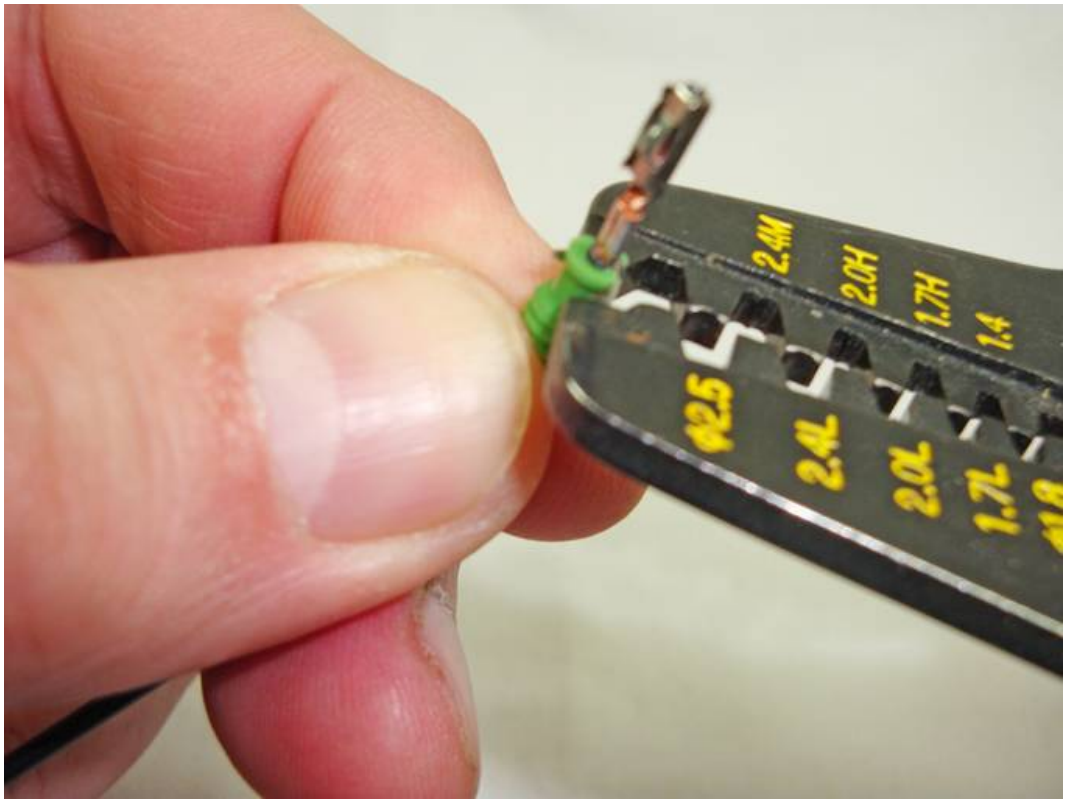


Crimp conductor (known as a ‘W’ or ‘F’ crimp)

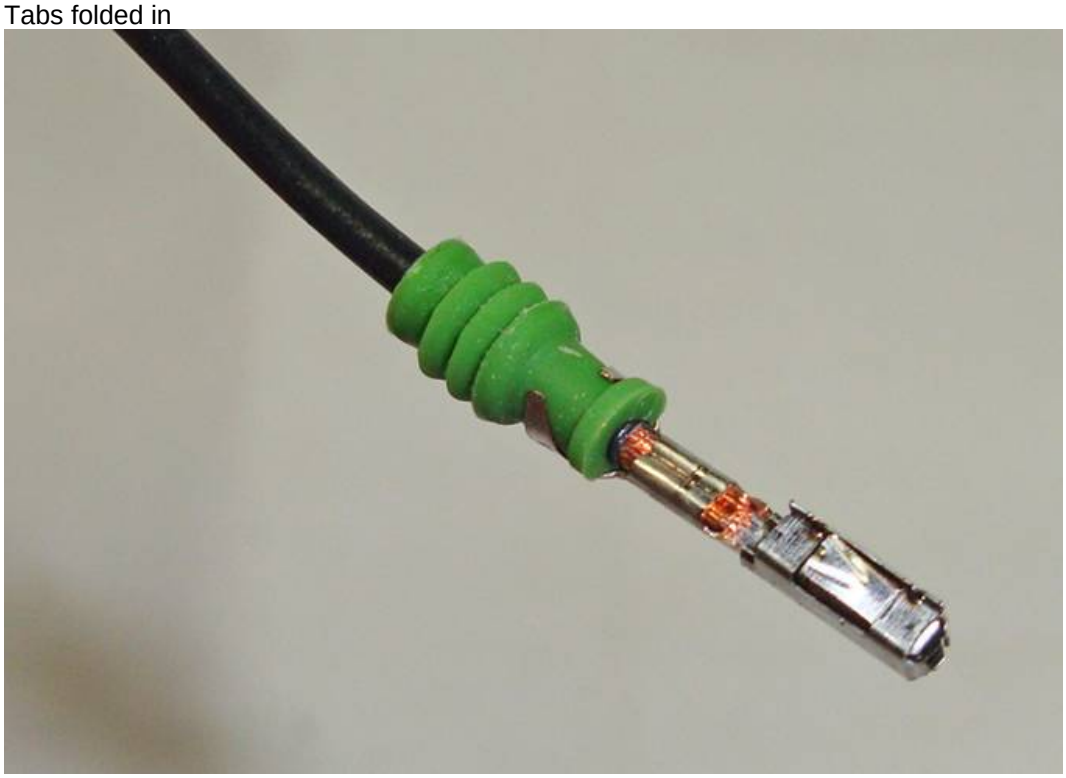


Conductor crimped

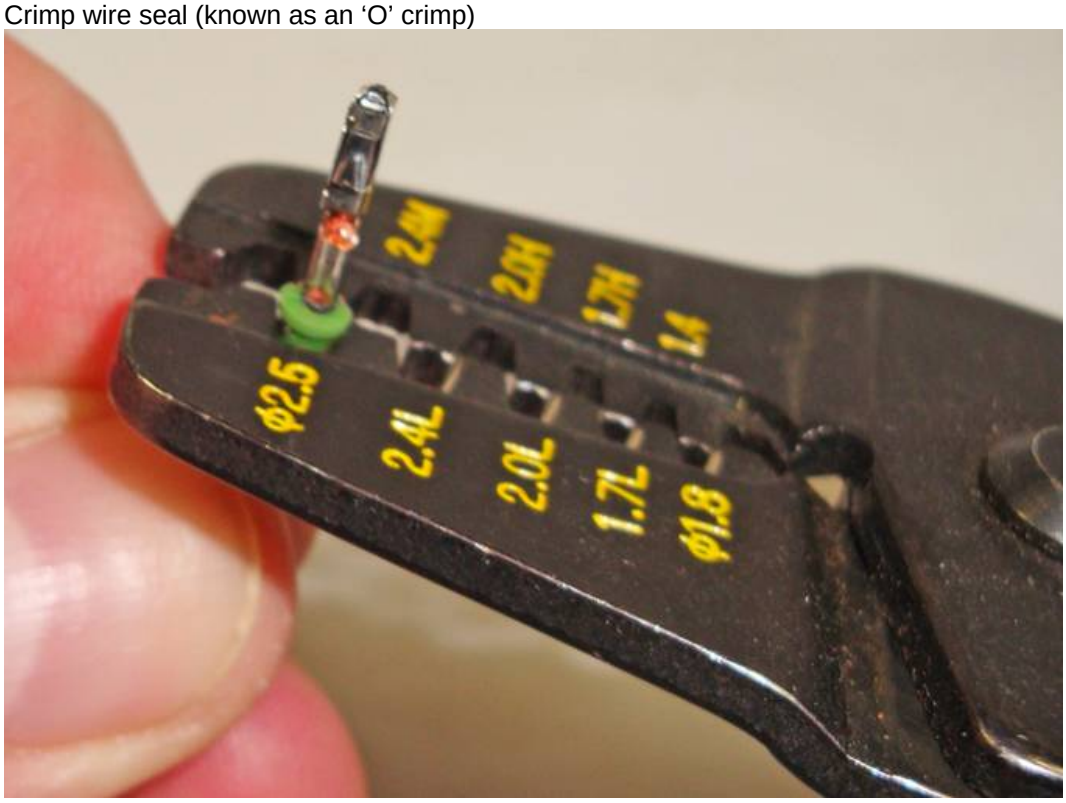
Fold in wire seal tabs



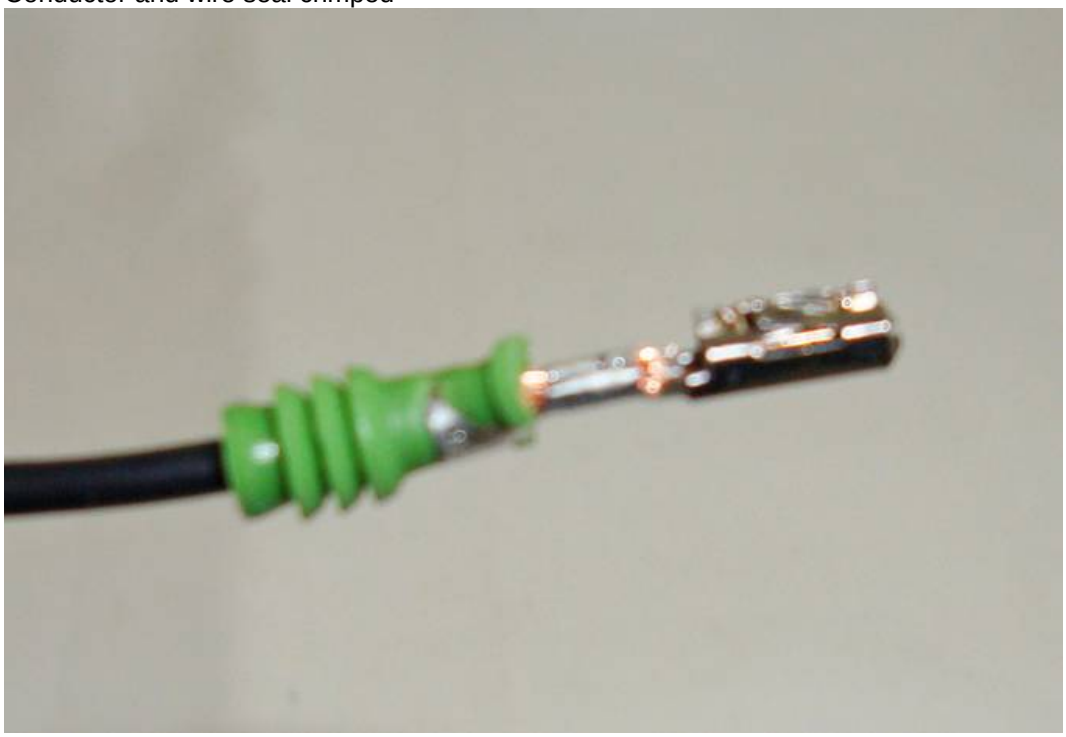
Tabs folded in



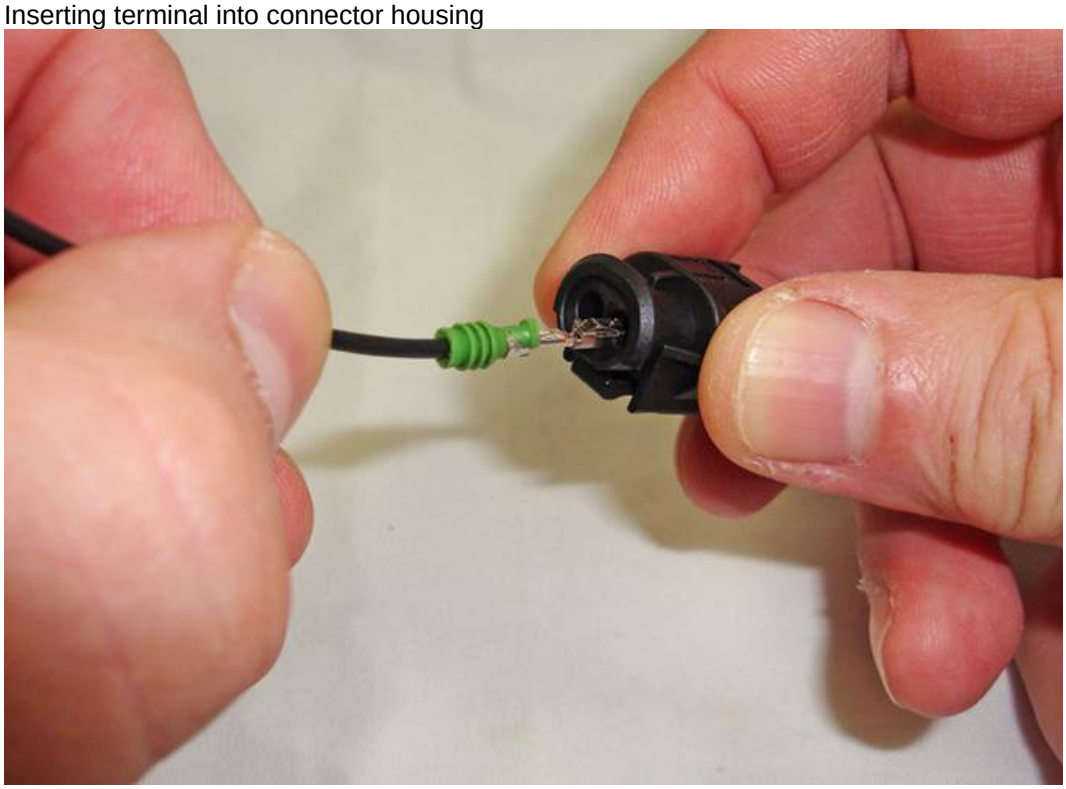
Crimp wire seal (known as an ‘O’ crimp)



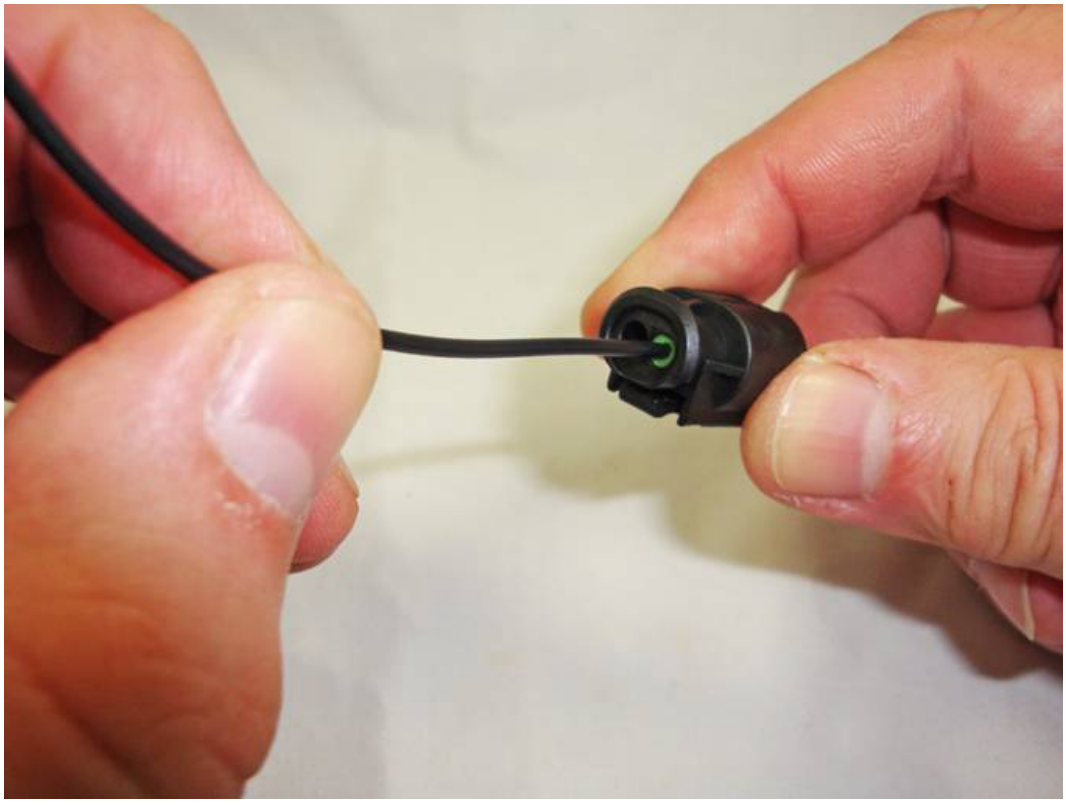
Conductor and wire seal crimped



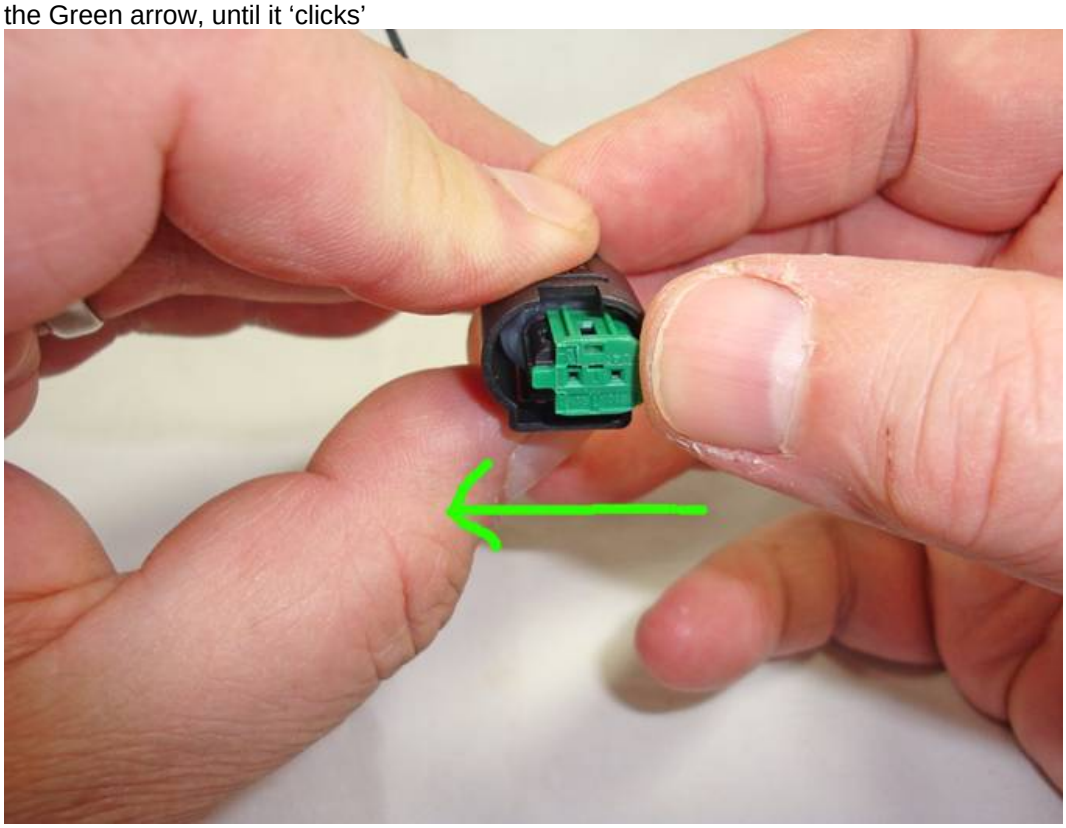
Inserting terminal into connector housing



Terminal inserted

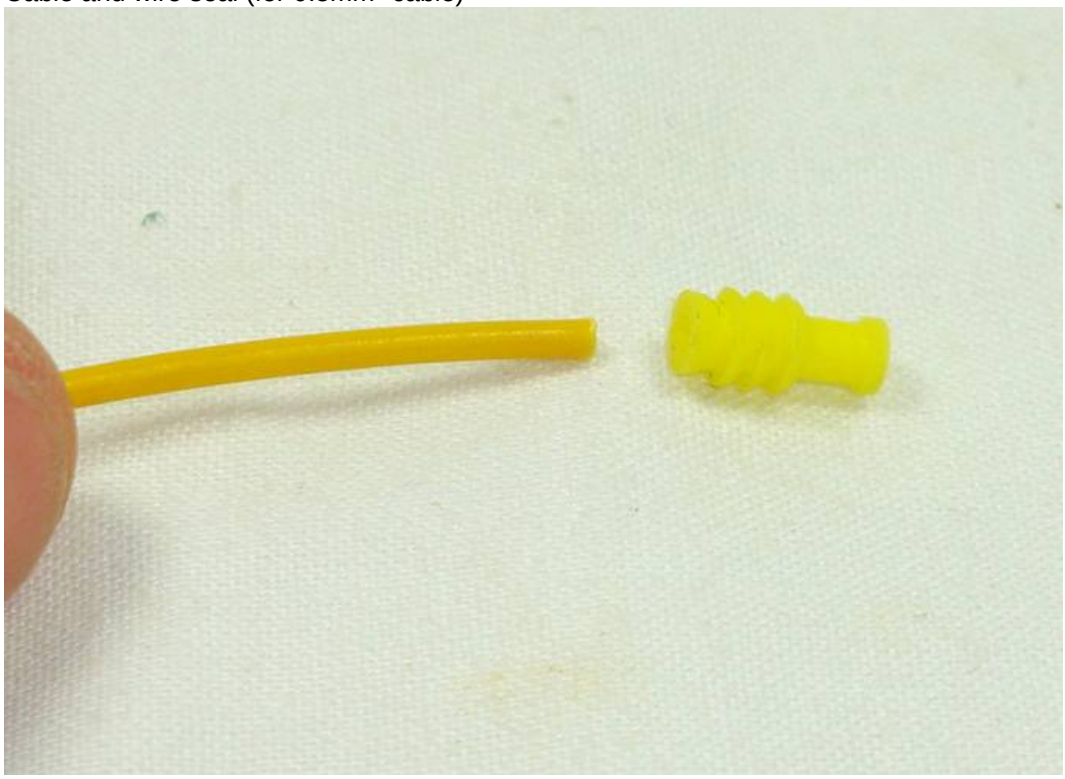


Once all terminals have been inserted, the secondary terminal lock (the Green bit) is slid in the direction of the Green arrow, until it ‘clicks’

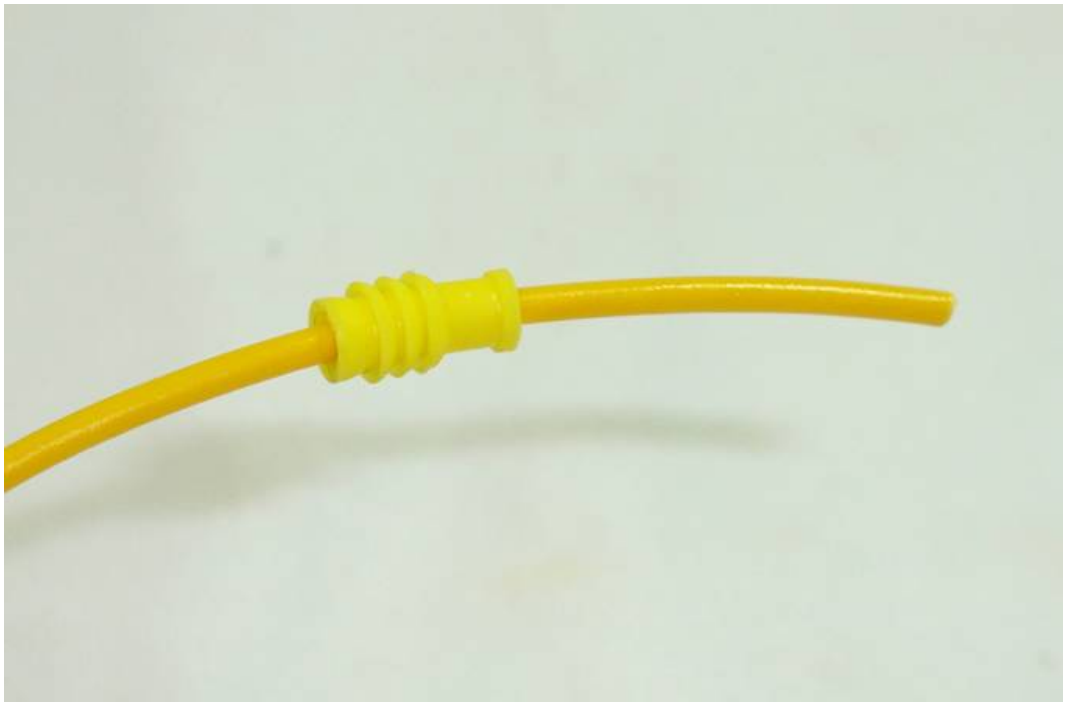


Driver's side (4-way connector) – uses 2 x 0.5mm^2 cables + 2 x 0.75mm^2 cables

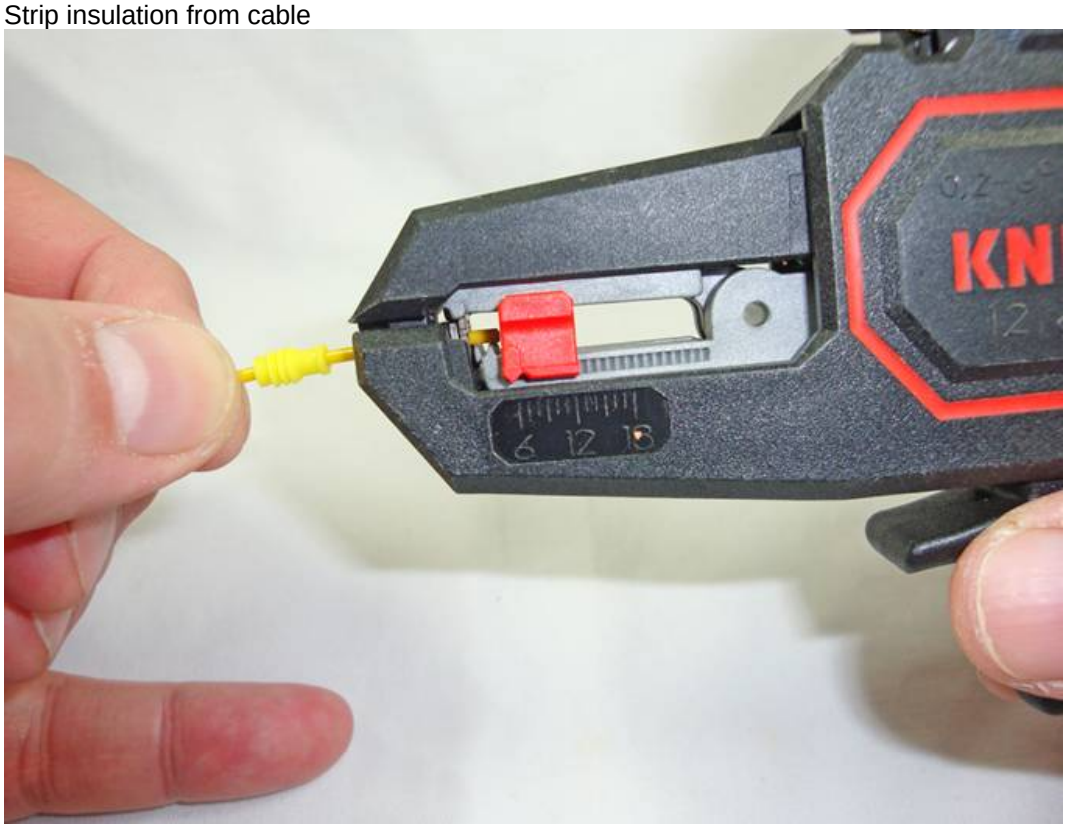
Cable and wire seal (for 0.5mm^2 cable)



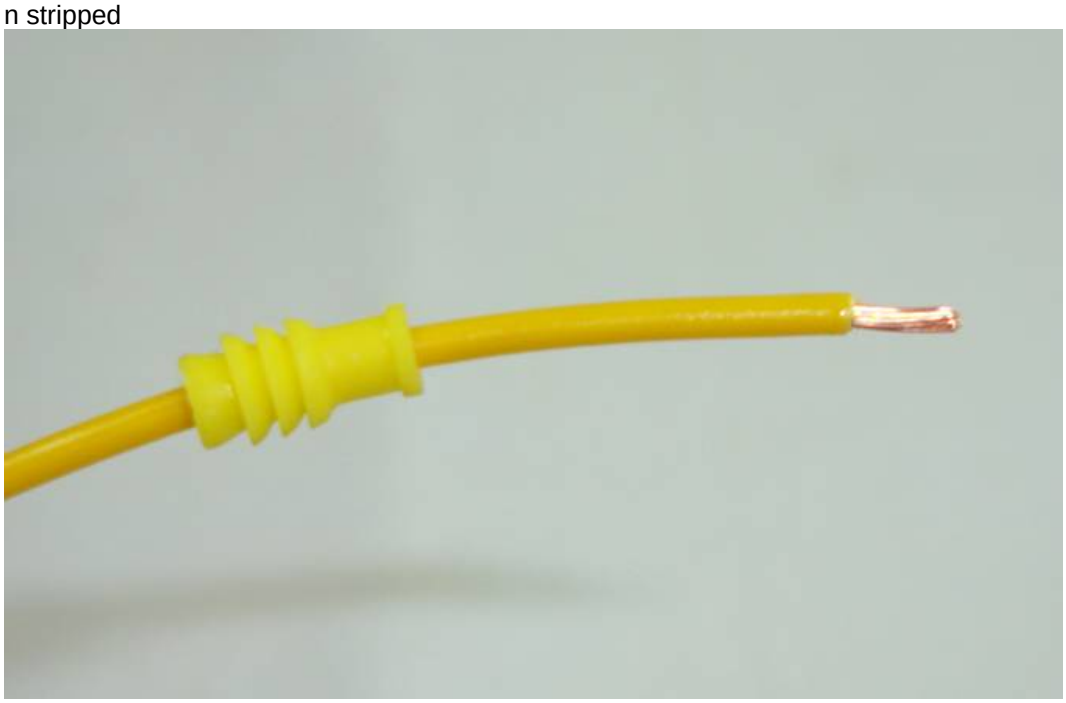
Wire seal slid onto cable



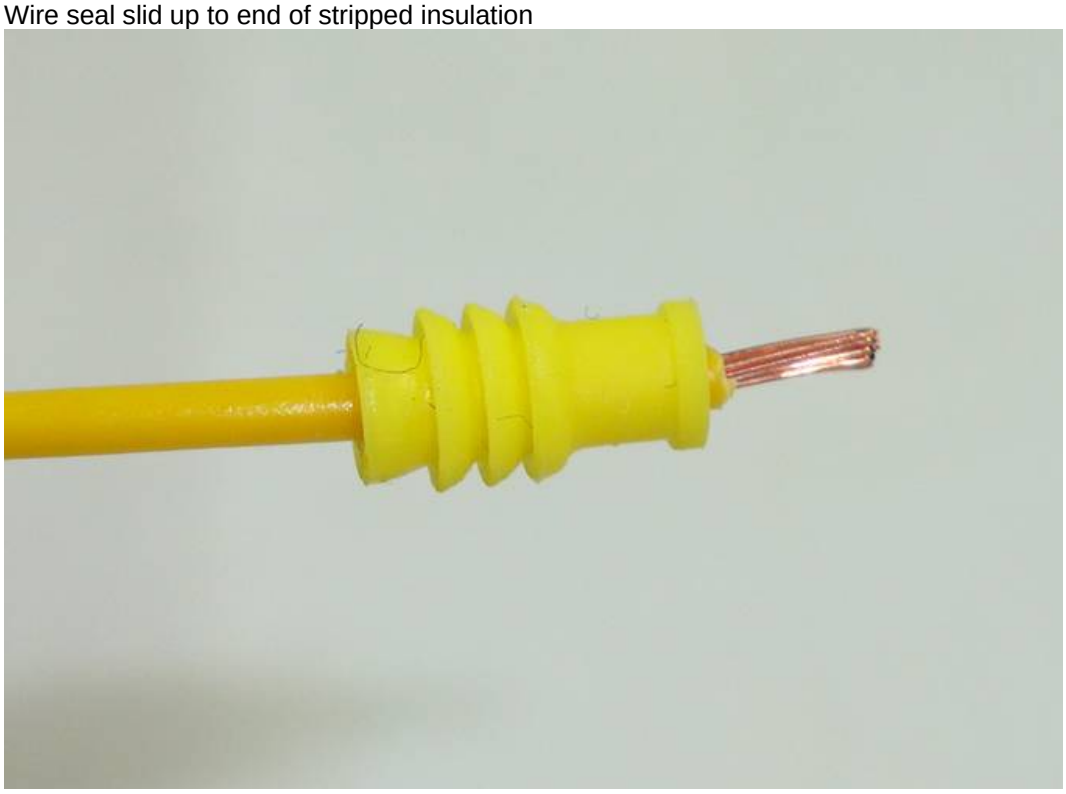
Strip insulation from cable



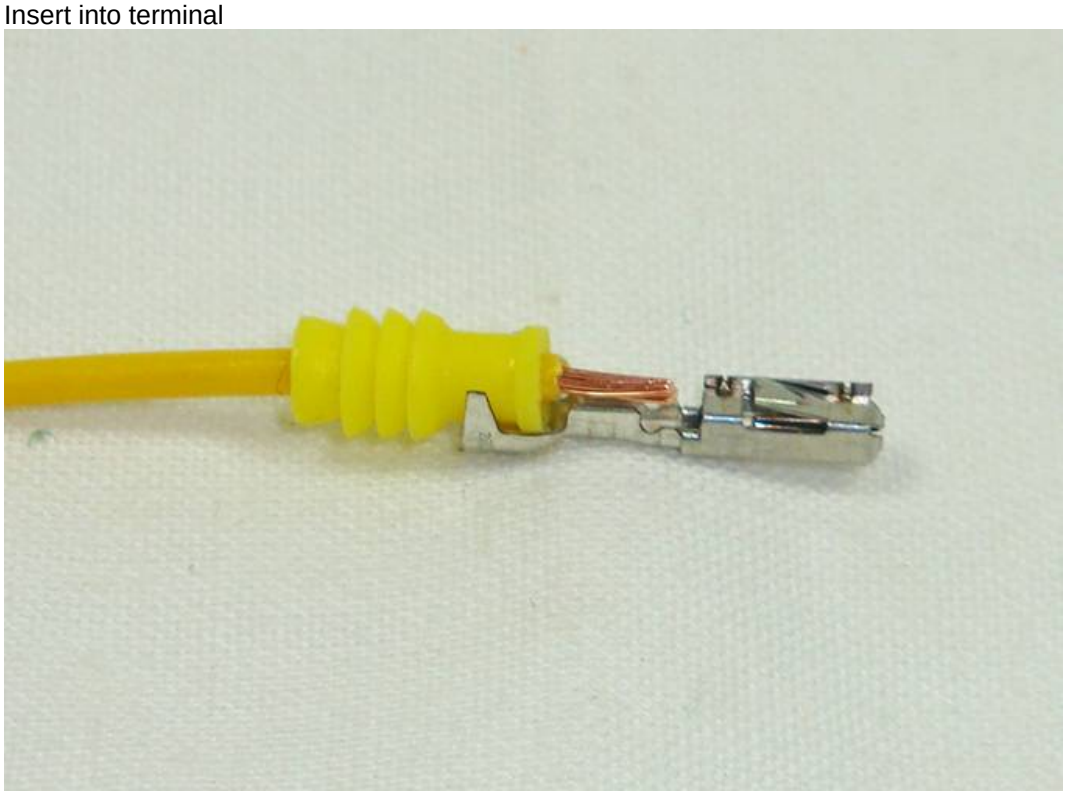
Insulatio
n stripped



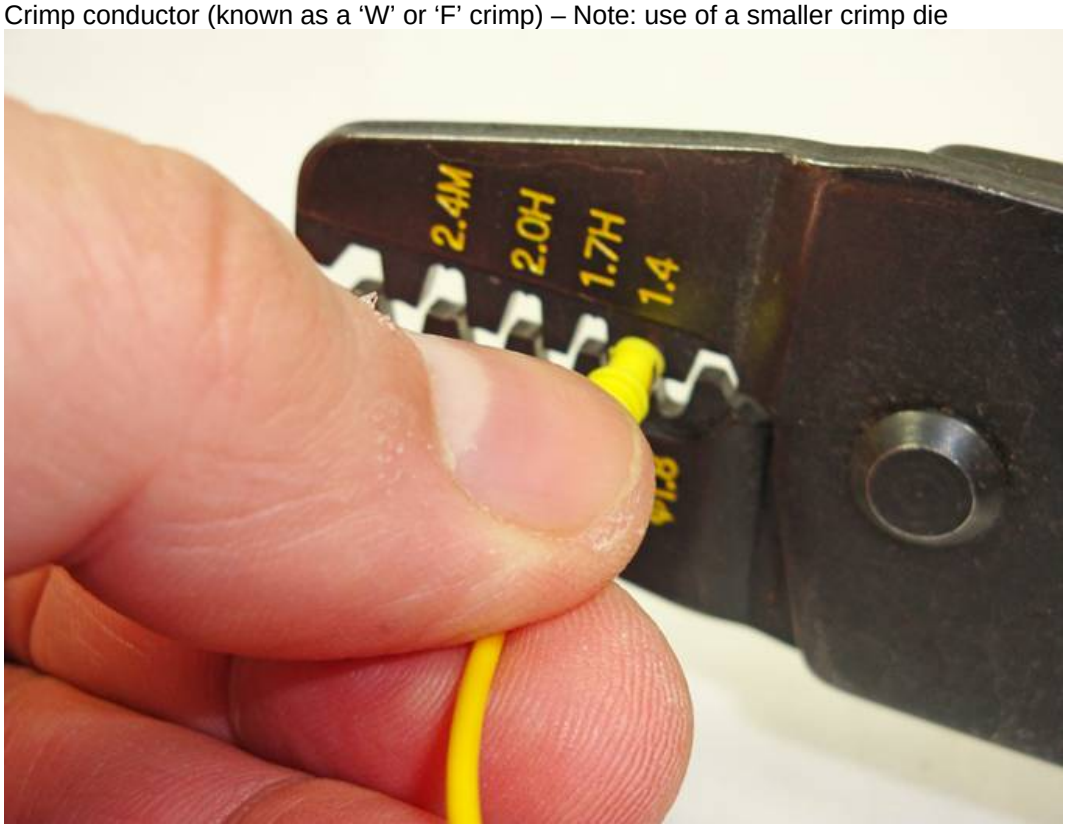
Wire seal slid up to end of stripped insulation



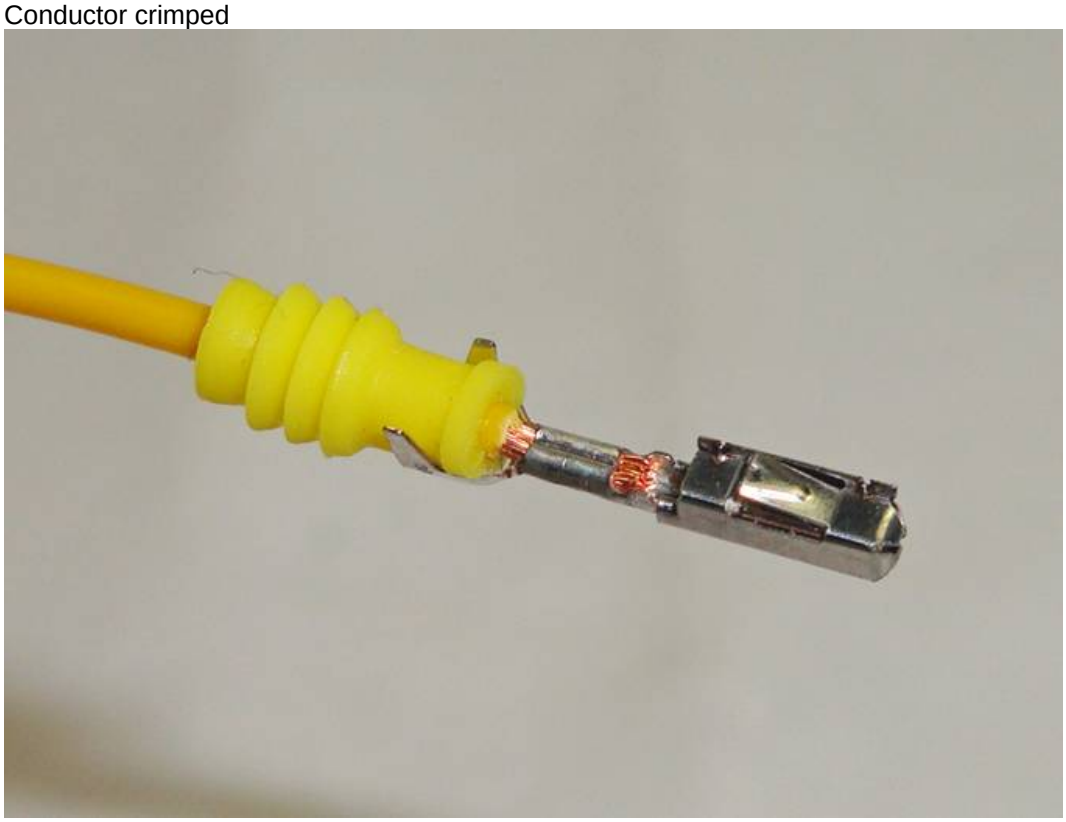
Insert into terminal



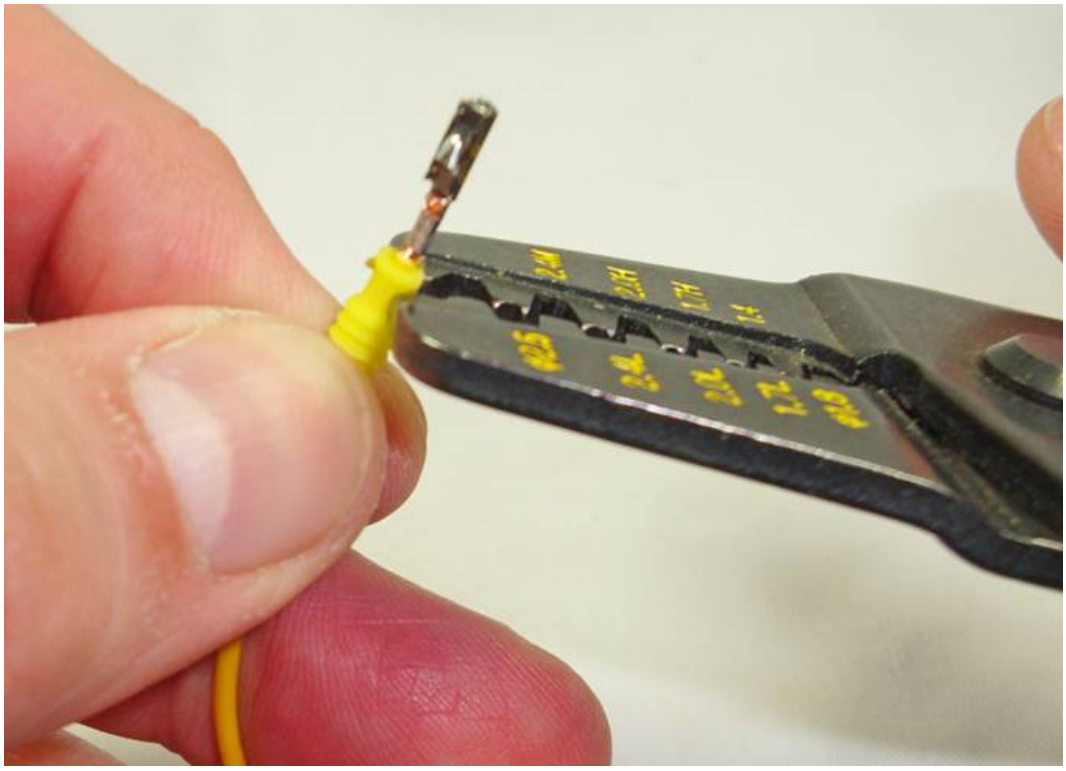
Crimp conductor (known as a ‘W’ or ‘F’ crimp) – Note: use of a smaller crimp die



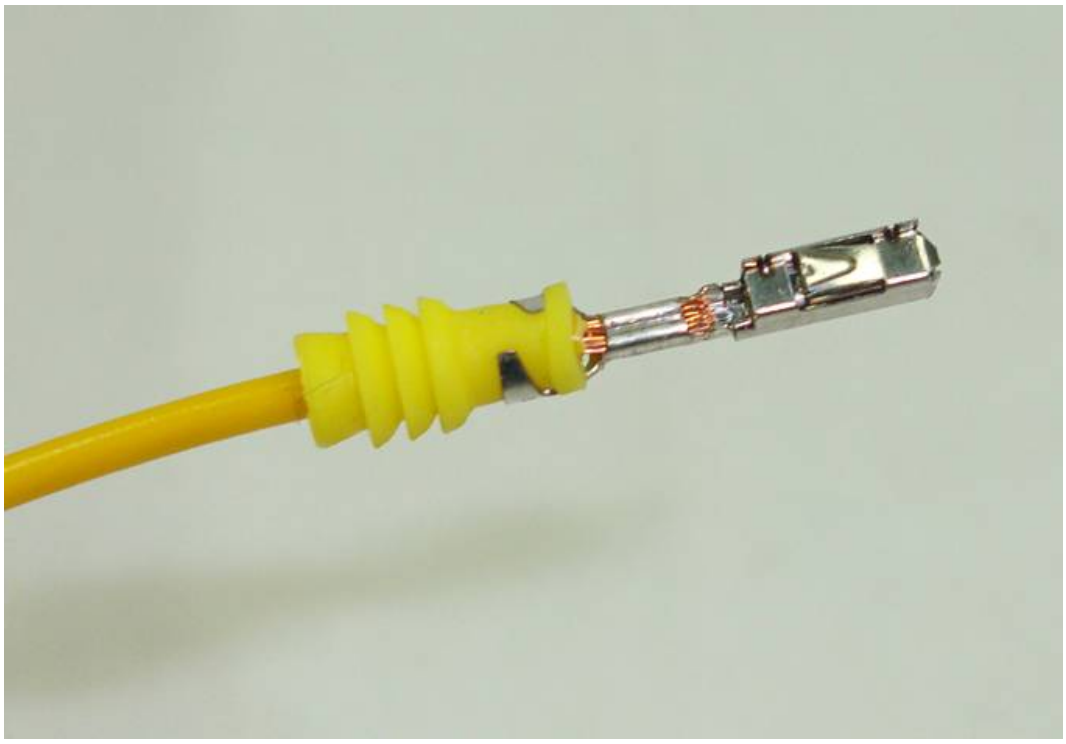
Conductor crimped



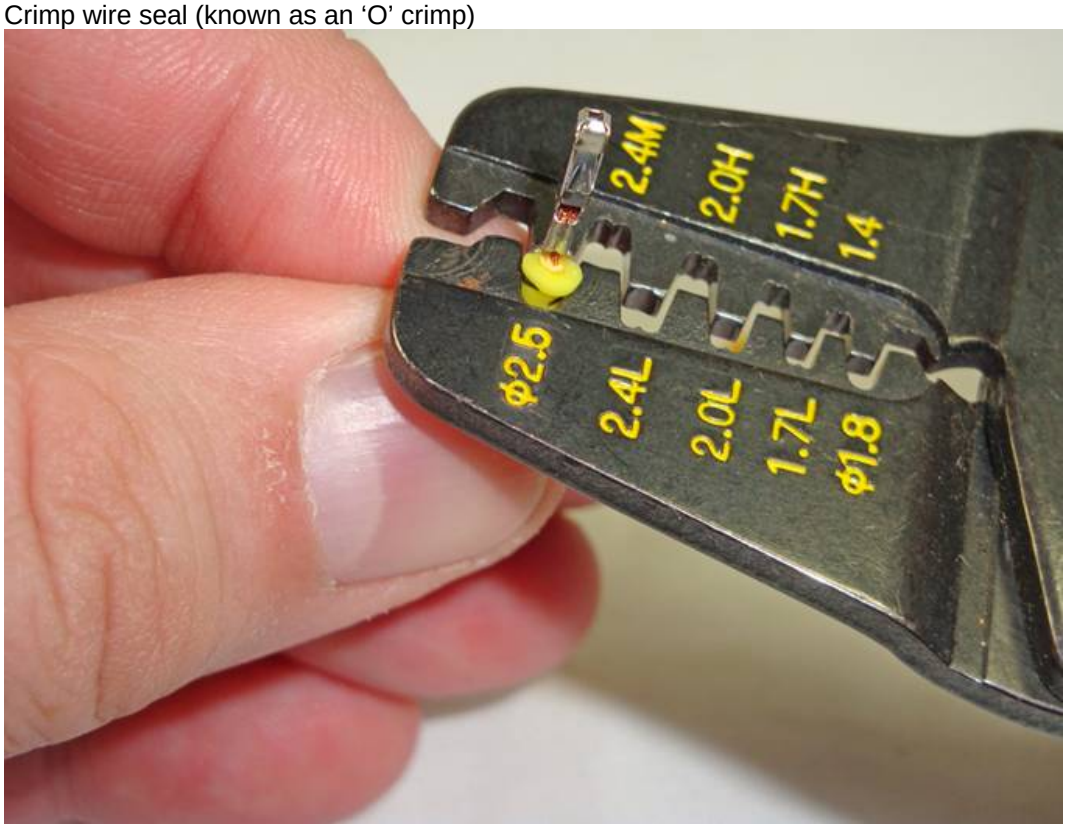
Fold in wire seal tabs



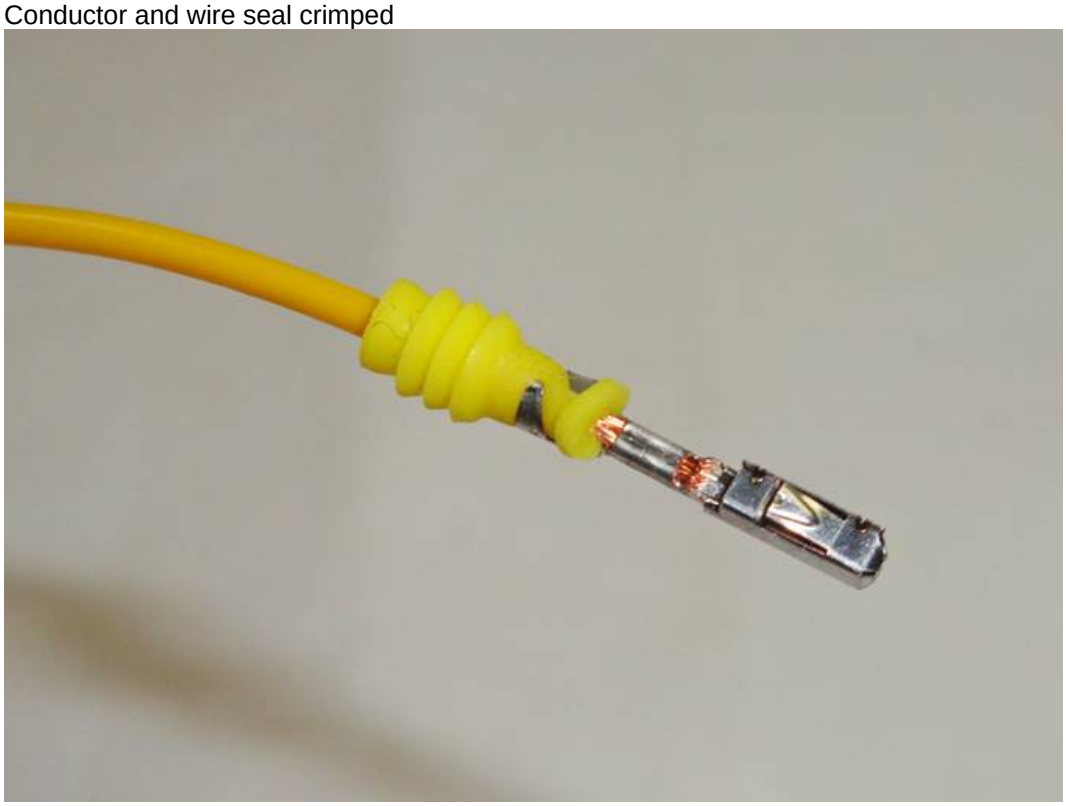
Tabs folded in



Crimp wire seal (known as an ‘O’ crimp)



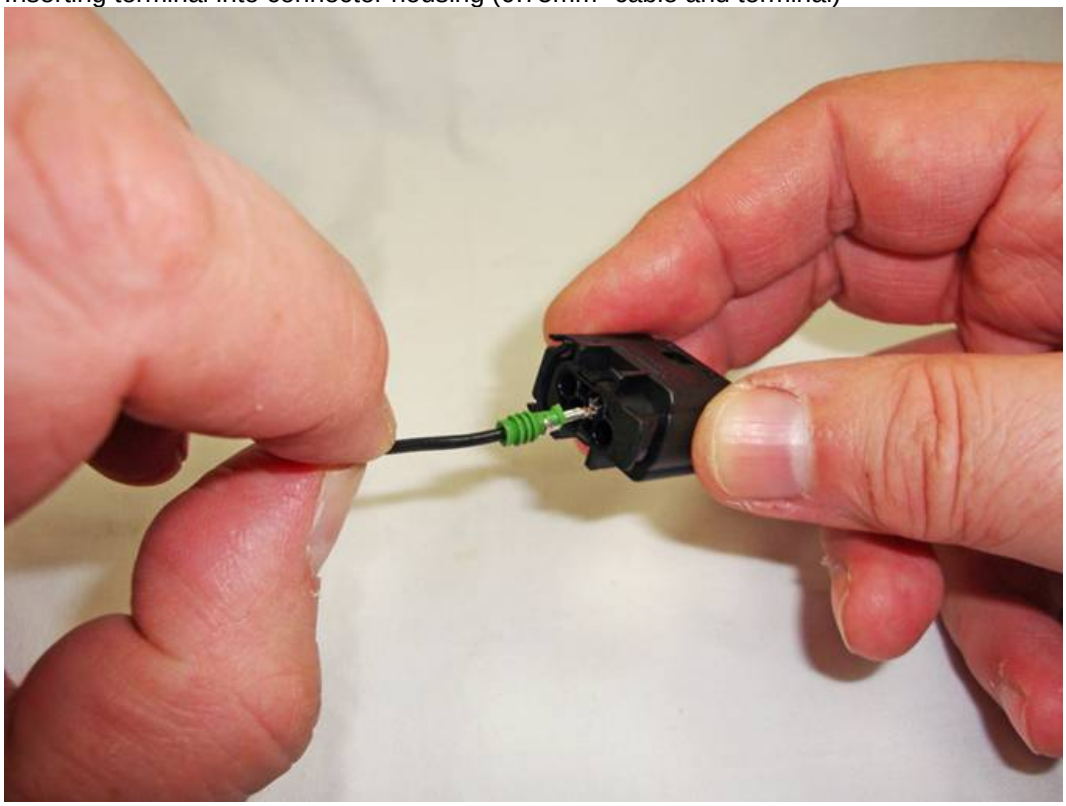
Conductor and wire seal crimped



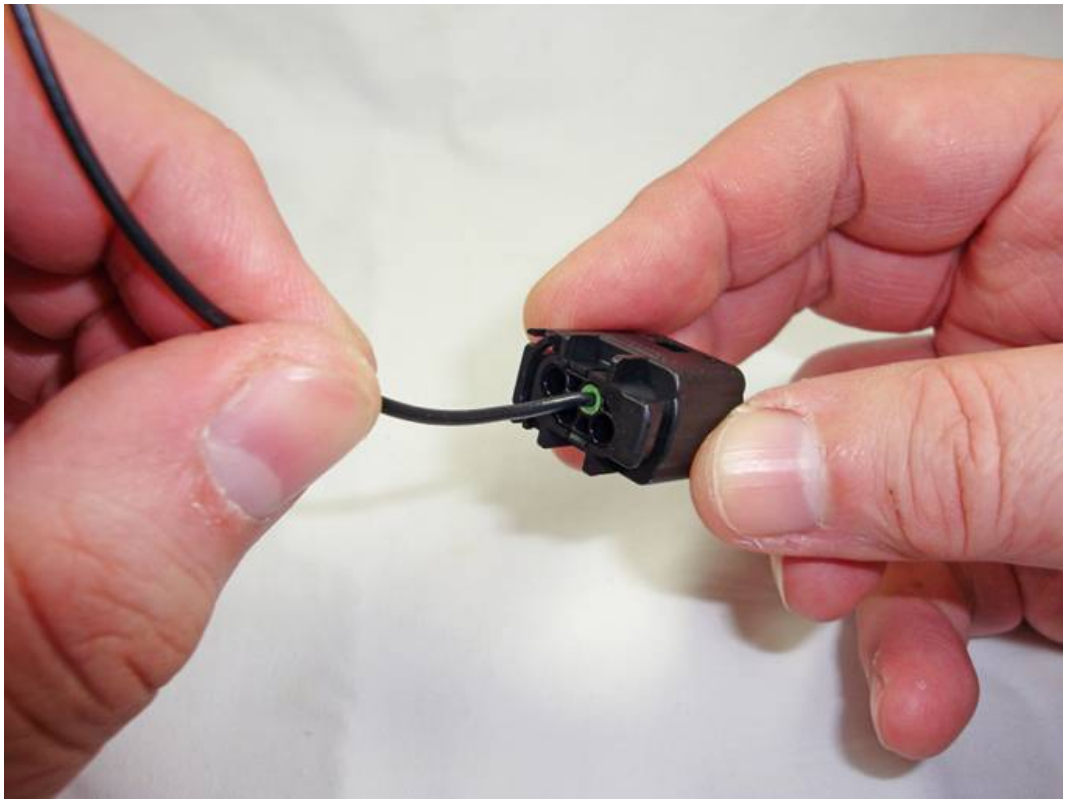
The following are for example only, they are not meant to indicate which size terminal and cable goes into which connector cavity.

For the correct configuration, the Land Rover Defender Wiring Diagram and Electrical Library in RAVE should be referred to.

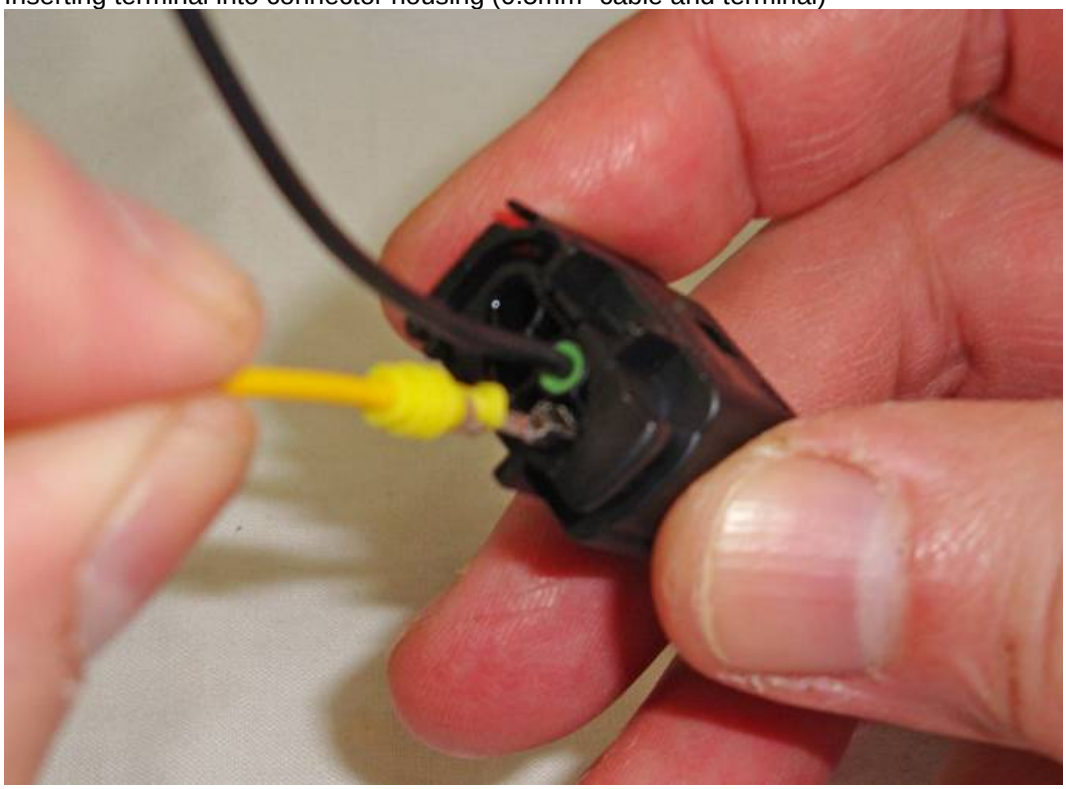
Inserting terminal into connector housing (0.75mm^2 cable and terminal)



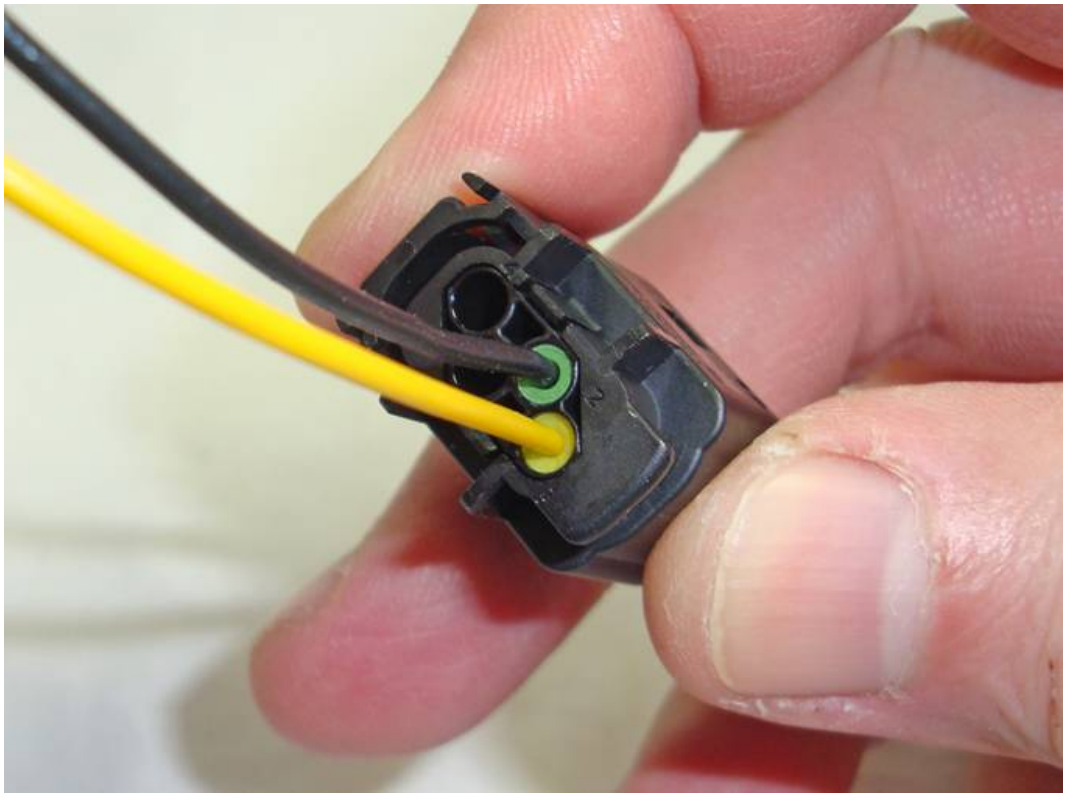
Terminal inserted



Inserting terminal into connector housing (0.5mm^2 cable and terminal)



Terminal inserted



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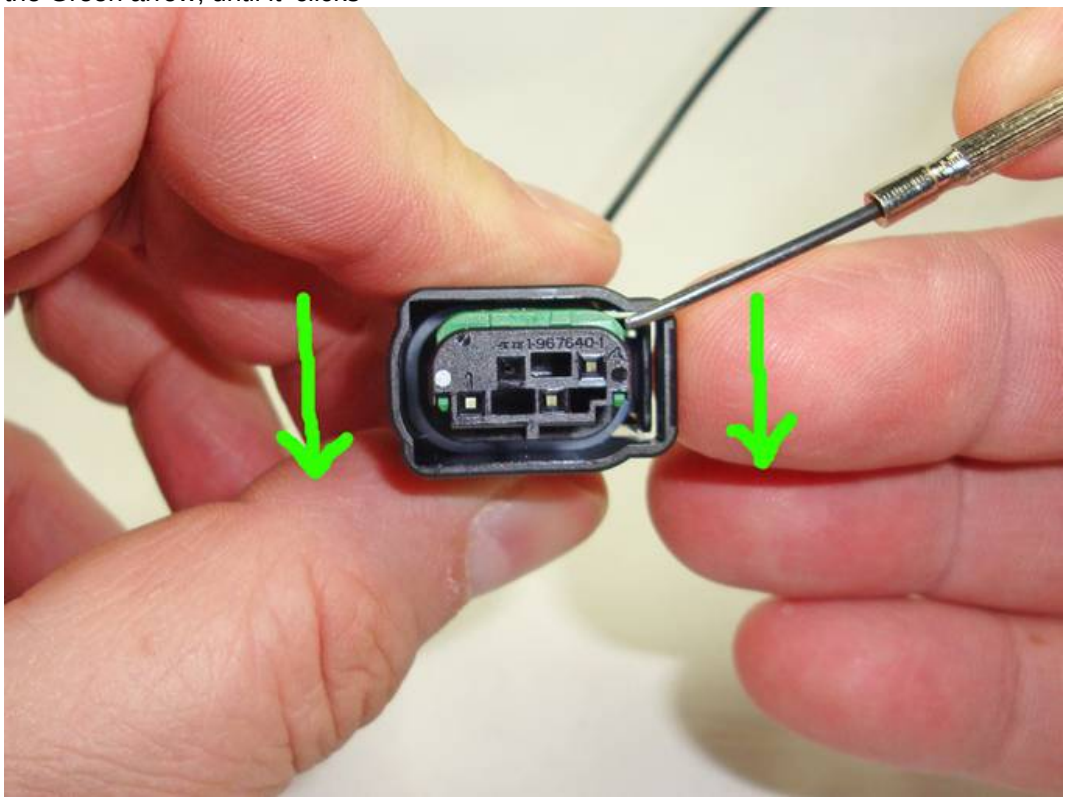

Comparison of 0.75mm^2 terminal and wire seal (left), with 0.5mm^2 terminal and wire seal (right)

Before crimping

After crimping