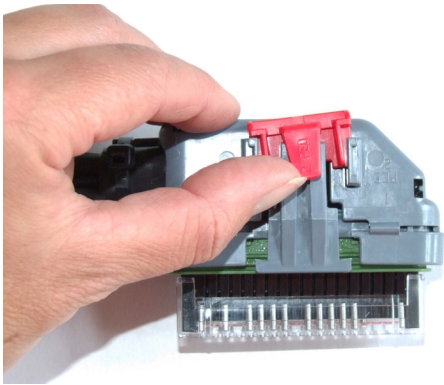
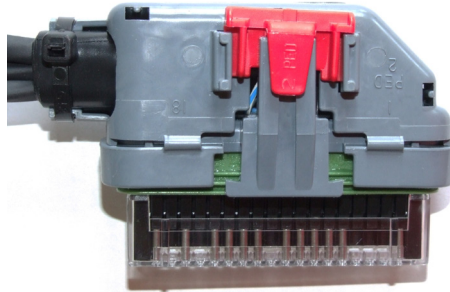
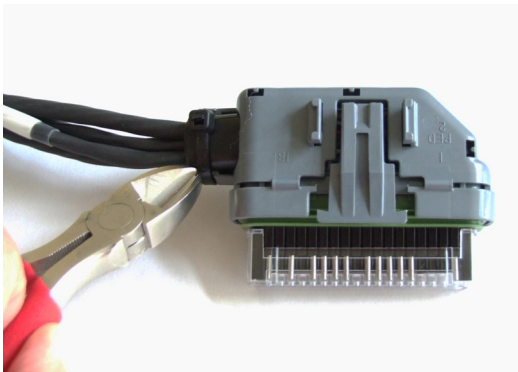


February 2017

## Open wiring harness/ECU connector to add pins or splice in wires.



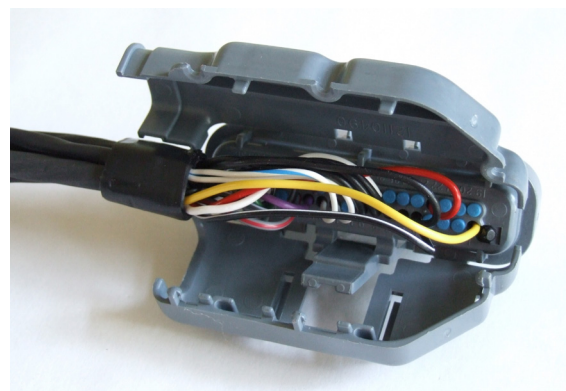
Remove red safety clip by lifting the centre gently & sliding up.

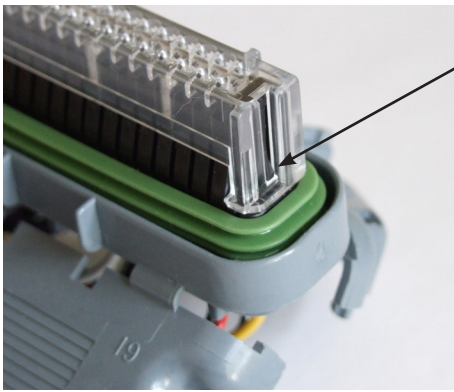


Remove cable tie using side cutters, being very careful not to damage the wires & heat shrink.

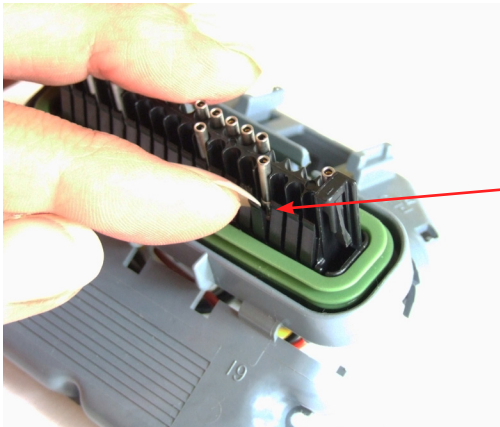
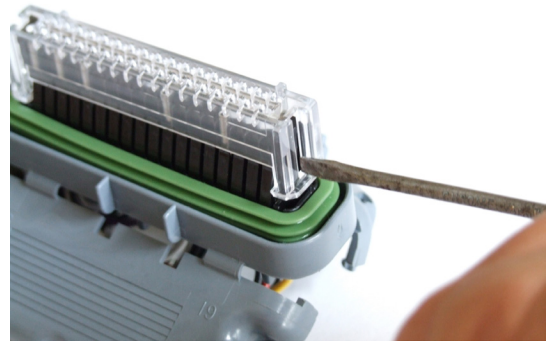


Careful loosen the 3 retaining clips using a small flat-bladed screwdriver to open the connector.

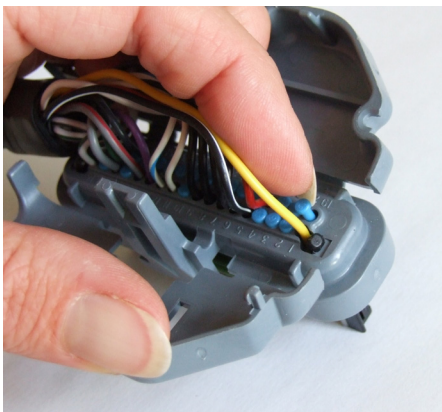




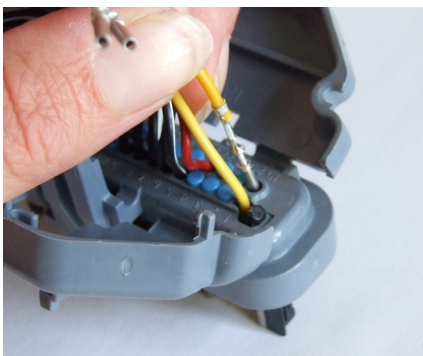
At each end of the clear plastic pin cover, there are black hooks, depress each one slightly using a small flat-bladed screwdriver to remove the cover.



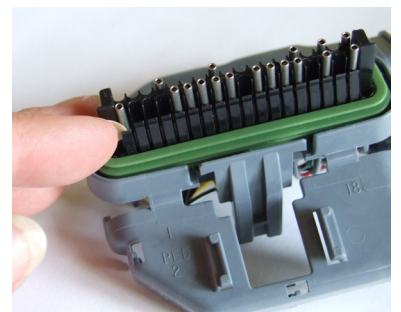
The pins can be released by gently levering the black retaining clips away from the pin. This allows the pin to be pulled out.



The blue protector pin can be removed from the required pin hole number.



The new wire is inserted in the correct pin number, ensuring the pin is secured with the black retaining clip.



Re-attach the clear plastic protection cover ensuring that all retaining clips are correctly positioned.

Close the grey covers, making sure that all the wires are safely enclosed & not pinched in the join.

Put a new tie-wrap round the end of the connector.

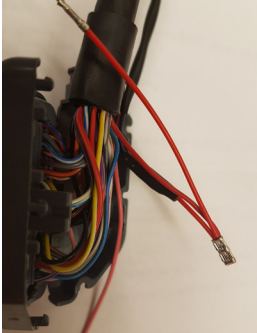
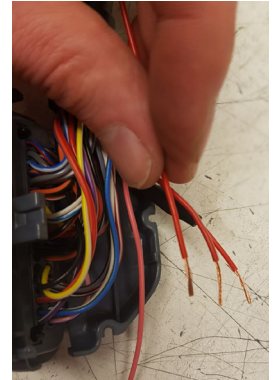
Re-fasten the red safety clip.

## Splicing extra wires into wiring harness connector

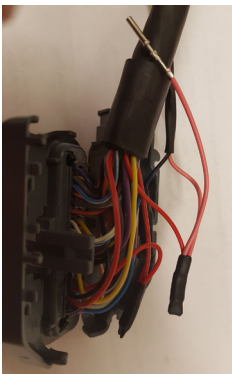


Slide the pins back one at a time so as not to get them mixed up,

Cut the original pin off, strip back so you have approx. 5mm of bare wire, then strip back the same amount on the wire you propose to splice to it and the same goes for the extra pin with its tail of wire.



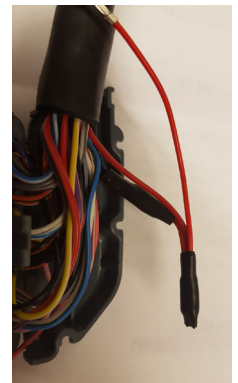
Then group all three wires together, slide the metal crimp over them and then crimp down gently so they are all retained.



Next slide the short piece of glued heat shrink provided over the three wires so the crimp is completely enclosed along with the ends of the three wires.

Using a heat gun, gently warm the heat shrink so the glue melts and the heat shrink shrinks down. This further secures the wires within the joint.

Repeat with other wires that need splicing.



Neatly fold back the wires within the hood making them as tidy as possible to allow you to squeeze the grey hood back together, this part may take a bit of time but the wires will press down neatly.

Ensure that where you have refitted the pins into the connector that they are fully home and retains by the barbs when you refit the clear cover.

***Please be aware that Technical Support involving our Technicians is chargeable***

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