

Fuel Flap Switch Relocation Harness

These instructions have been written for RHD Vehicles. For LHD Vehicles, references to feeding the Relocation Harness to the left or right should be reversed.

It is recommended that you disconnect the vehicle's battery before commencing any work on the electrical system.

Ensure that you have your Radio Security Code (if needed) before disconnecting the battery.

A. Remove the Fuel Flap Release Switch from the Facia 'Six-Pack' –

You may find this easier if you reach behind the 'Six-Pack' from under the Facia Lower Access Panel and push the switch forwards –



B. Un-plug the Blue switch connector from the switch –



C. Once the Facia Switch is unplugged from its Blue Connector, you will need to carefully remove the Wires and Terminals from the Blue Connector.
(see **D.** and Annex to this document)

This may be easier if you remove the other Switches from the 'Six-Pack', as well as the 6-Switch Carrier, as this will allow you to pull some of the Loom's slack forwards, giving more room to work –



D. Remove the terminals from the fuel flap switch's Blue connector and insert them (in the correct order) into the White female connector supplied with the Relocation Harness –



This procedure is shown in more detail in a pictorial sequence in the Annex at the end of this document.



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E. The fuel flap release wires (now with the new White female connector on them), should be passed back through the empty fuel flap release switch hole in the 'Six-Pack' and, from behind the fascia lower access panel, carefully pulled to the right, away from the 'Six-Pack' towards the opened lower dash, ready to be plugged into the new Fuel Flap Release Binnacle Switch Harness.

(see F. below)

Re-connect and replace the other switches in the 'Six-Pack' and re-install them back into the fascia –



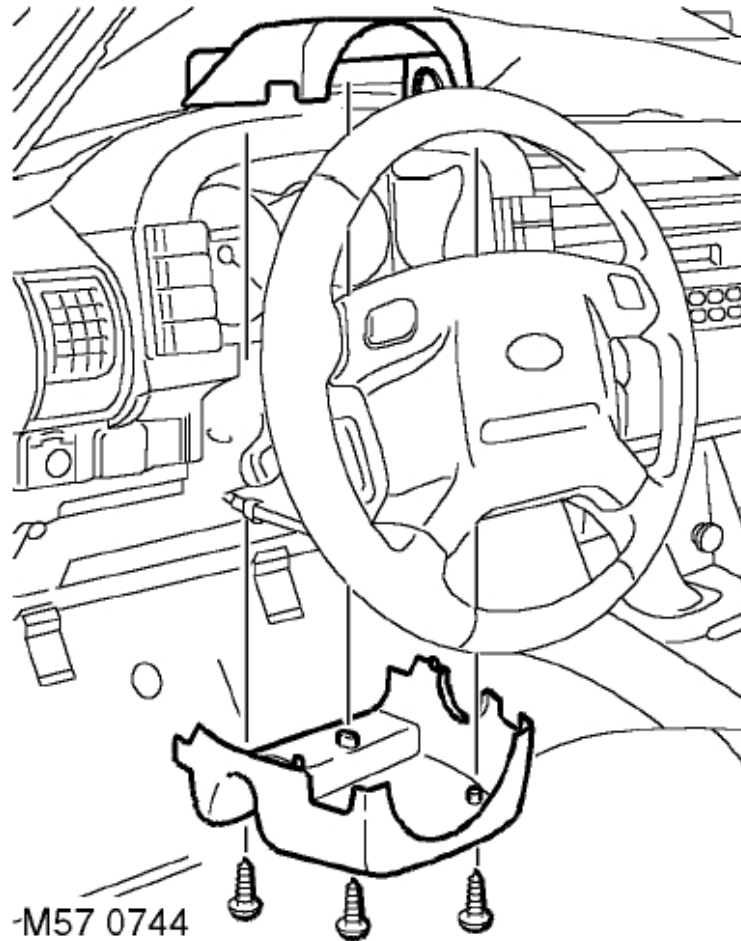
The position occupied by the original fuel flap release switch can now be used for another switch from a Discovery II, Freelander 1, or post-2002 Defender.

Pictured above with a Defender switch blank – **AMR5432 (NOT INCLUDED)**

Install new Fuel Flap Release Binnacle Switch Harness

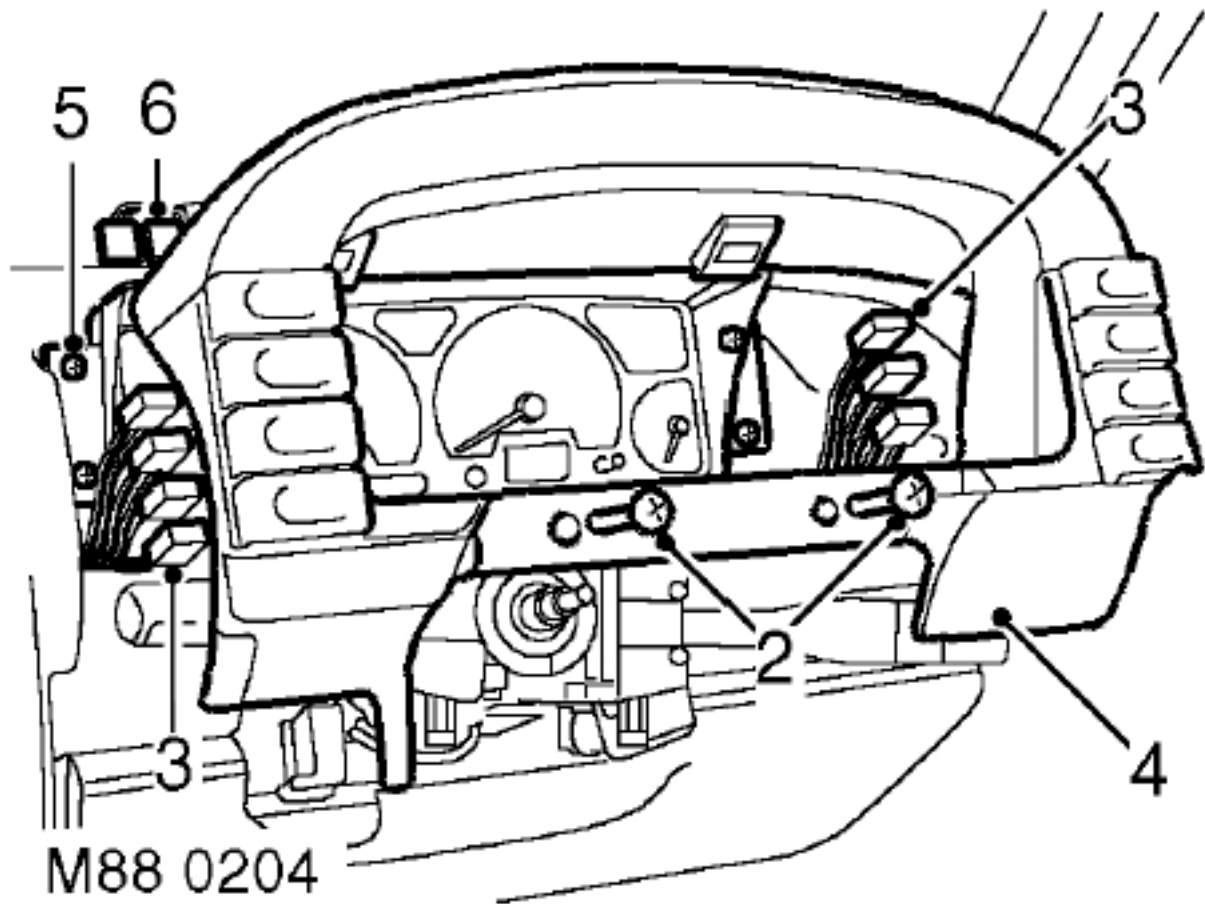
F. Remove steering column nacelle.

1. Open facia Lower access panel –



2. Remove 3 x screws securing steering column nacelle halves together.
3. Release clips securing nacelle together and remove from steering column.

G. Remove Instrument Binnacle Cowl –

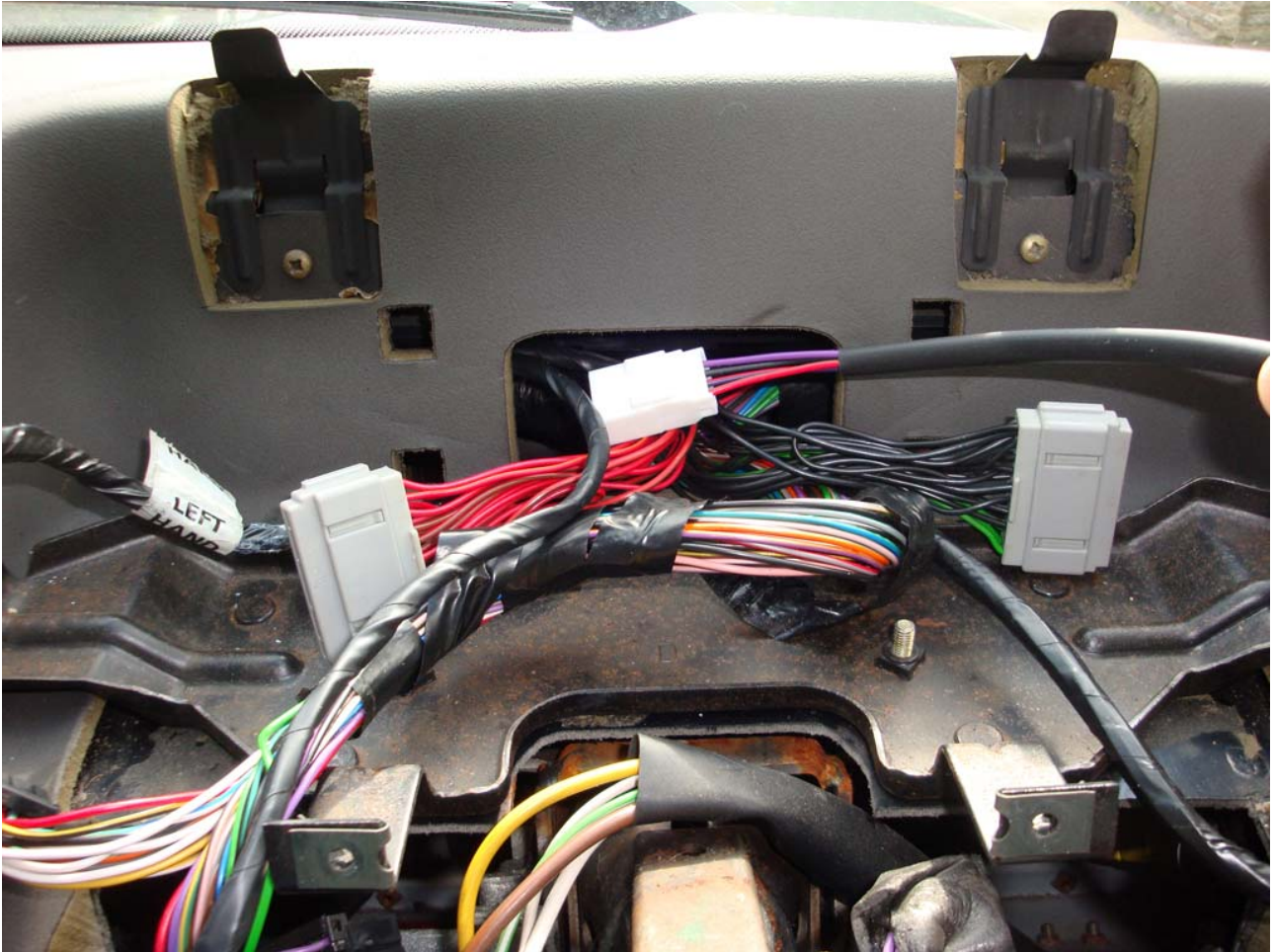


2. Remove 2 x screws and release instrument cowl from two clips on fascia.
3. Disconnect connectors from binnacle switches.
4. Remove instrument cowl.

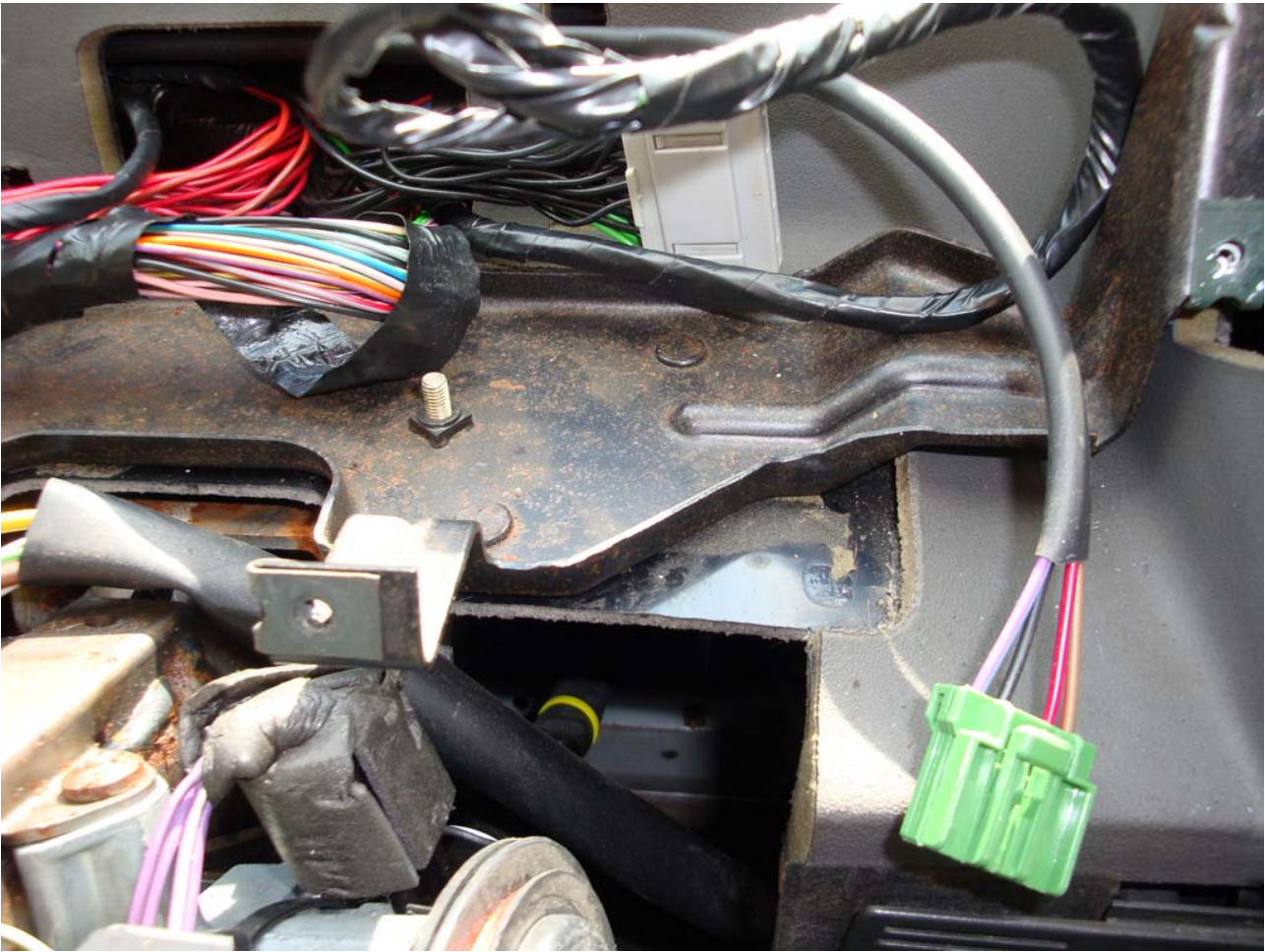
It should not be necessary to remove the instrument pack. But, if you have trouble reaching behind it, it is easily removed by undoing the 4 x retaining screws and un-plugging the 2 x Black Connectors on it's top.

(In the following pictures, for clarity, the Instrument Pack has been removed)

H. Feed the White male connector on the Switch Relocation Harness through the hole at the back of the upper dash facia (where the existing harness wires emerge from) and feed it to the left –

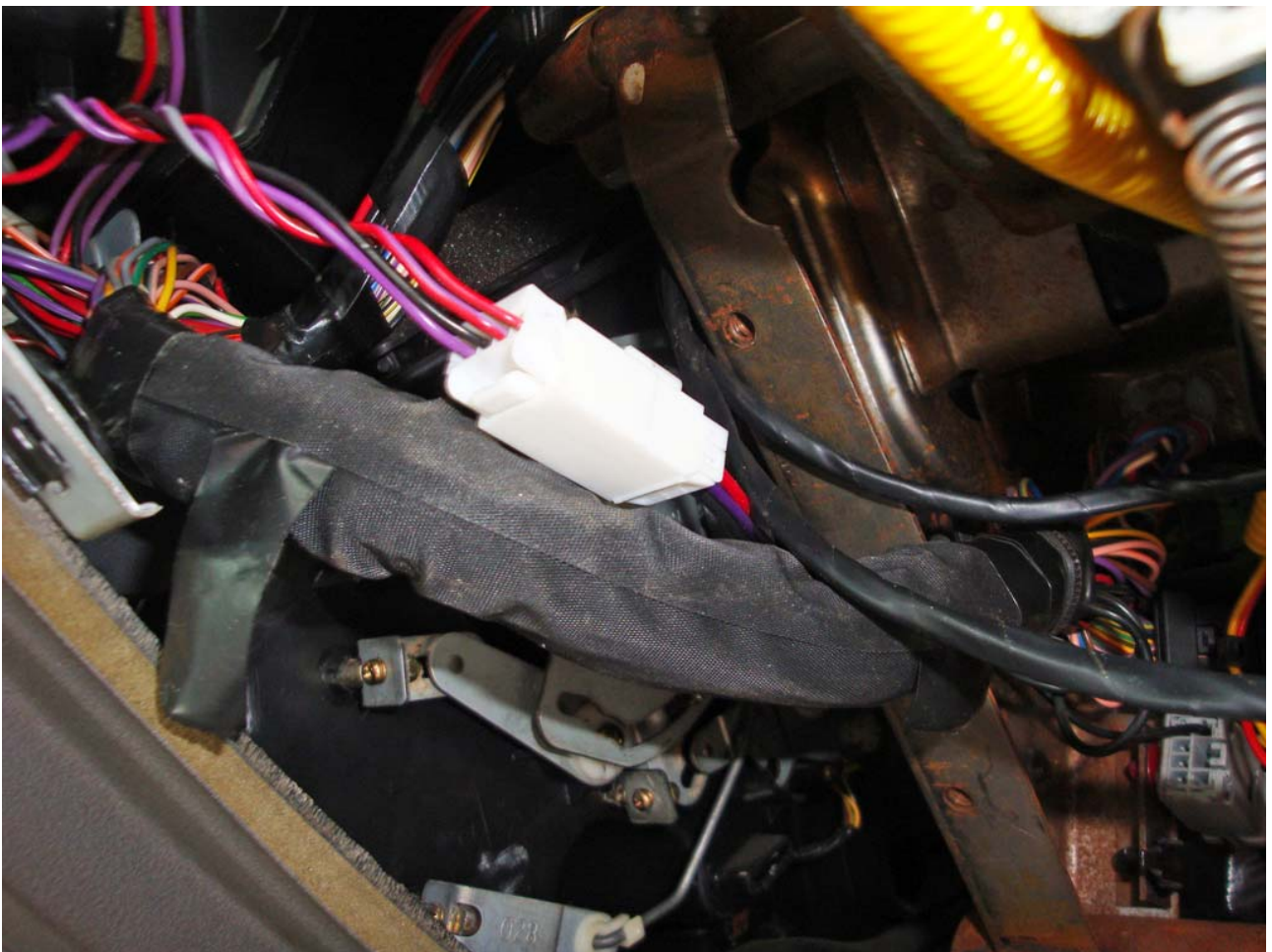
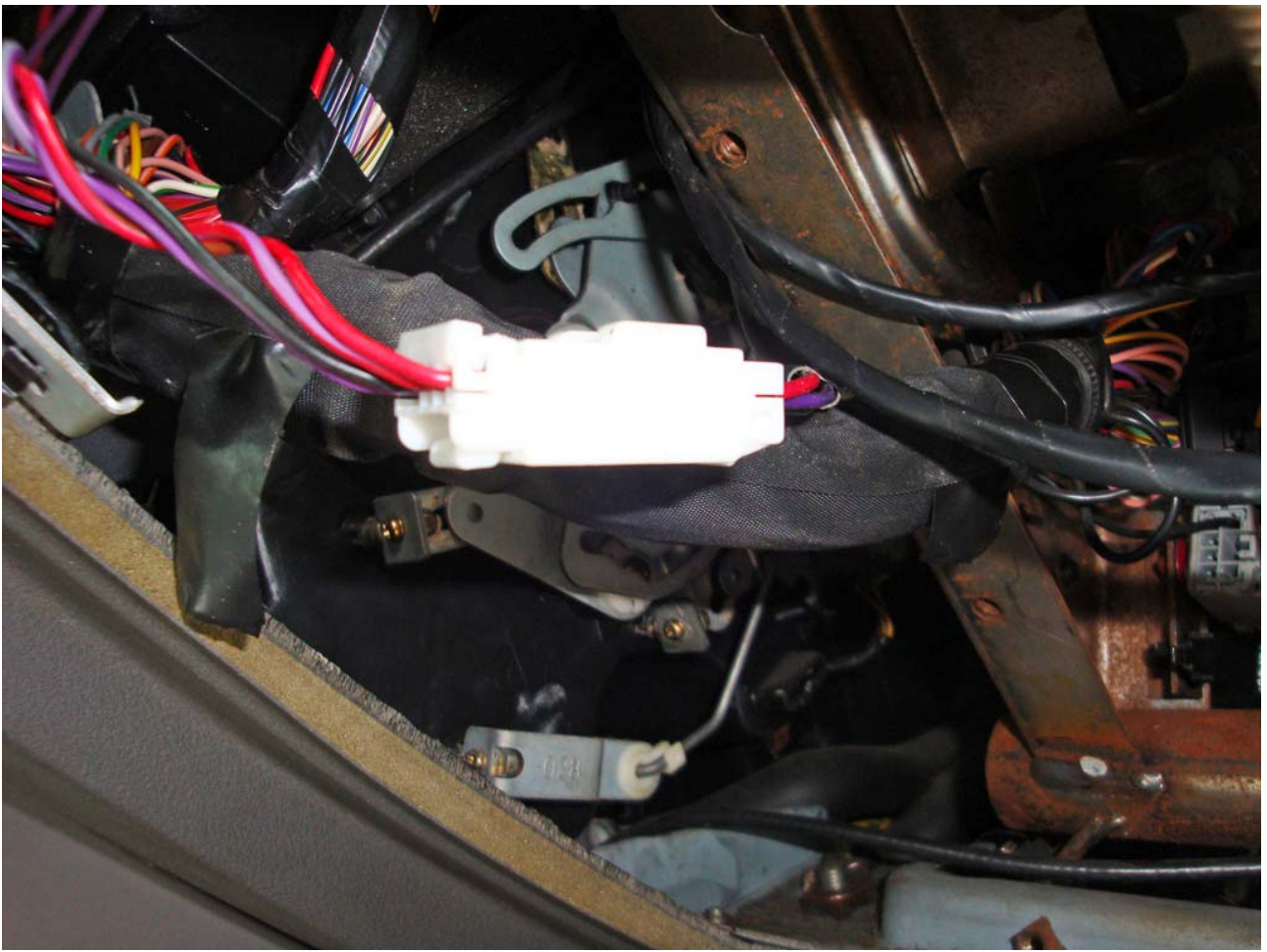


Continue feeding it through, until the Green switch connector is in approximately the correct position on the RH side of the binnacle –

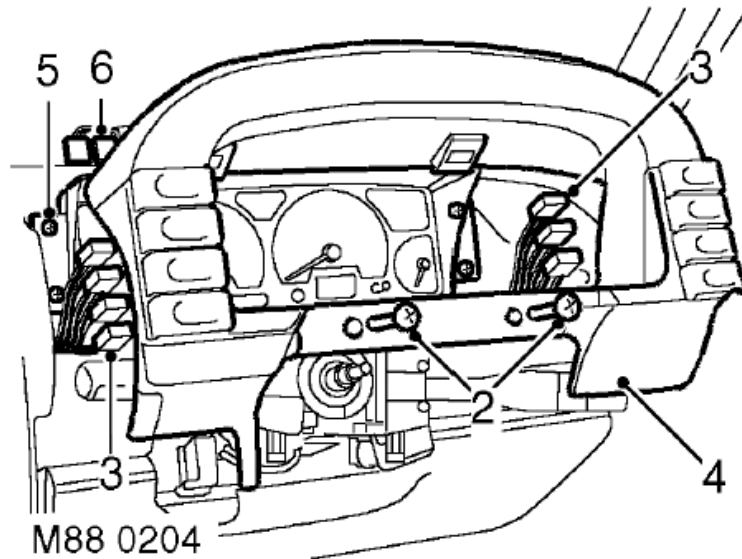


I. Reach up from under the facia lower access panel with your left hand and feel for the White connector, carefully guide it along and down the left hand side and mate it with the White female connector that is now on the original switch harness –





J. Re-fit the instrument pack (if removed), the instrument cowl and switches –

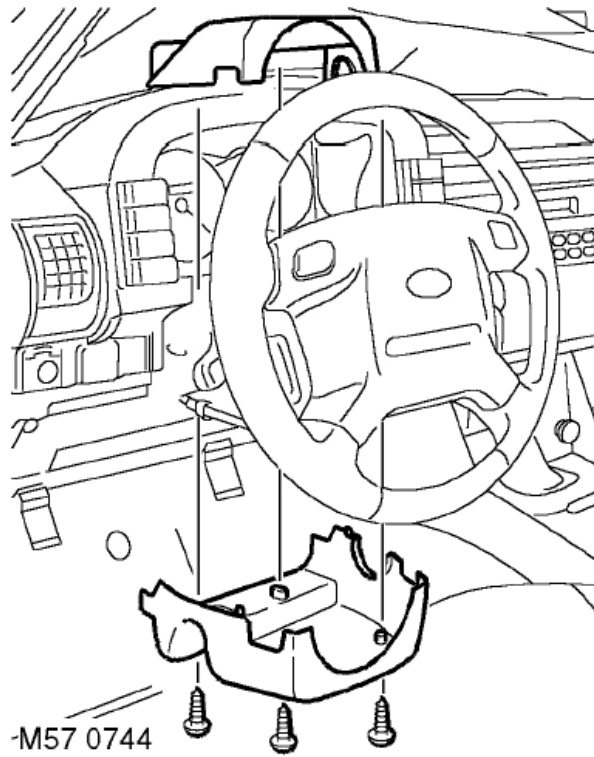


Re-connect switch connectors to the binnacle switches, including your new (used) fuel flap release binnacle switch, which plugs into the Green switch connector on the new Relocation Harness and fits into the bottom position on the RH side of the instrument binnacle cowl –



Fit the instrument cowl onto it's two fascia clips and replace the 2 x screws.

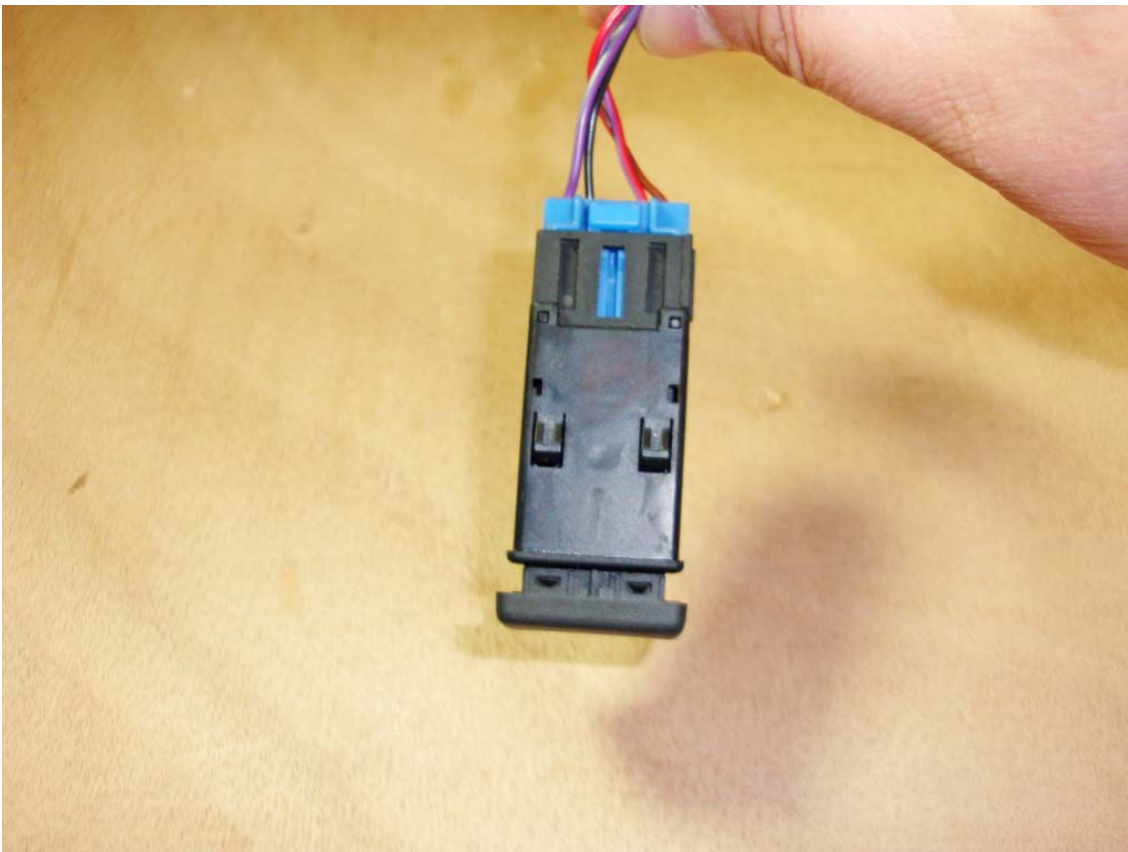
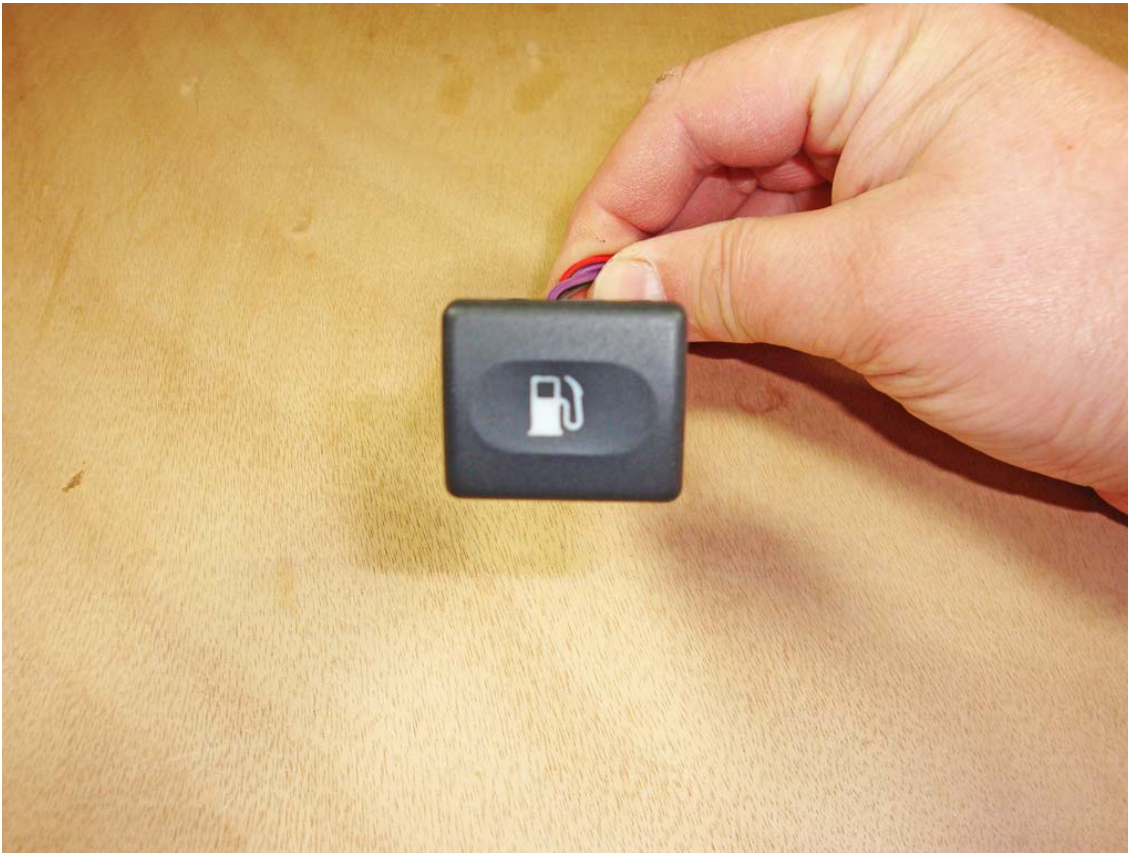
K. Re-fit the steering column nacelle –

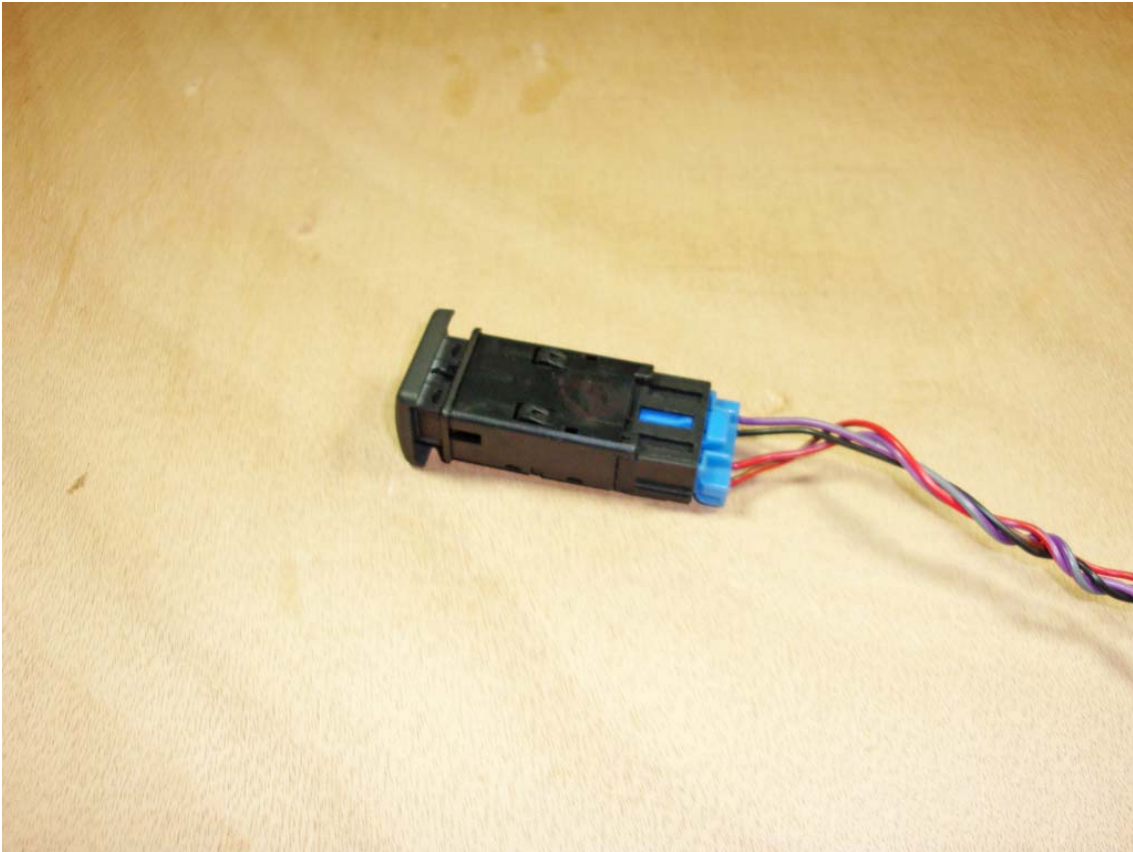


Annex:

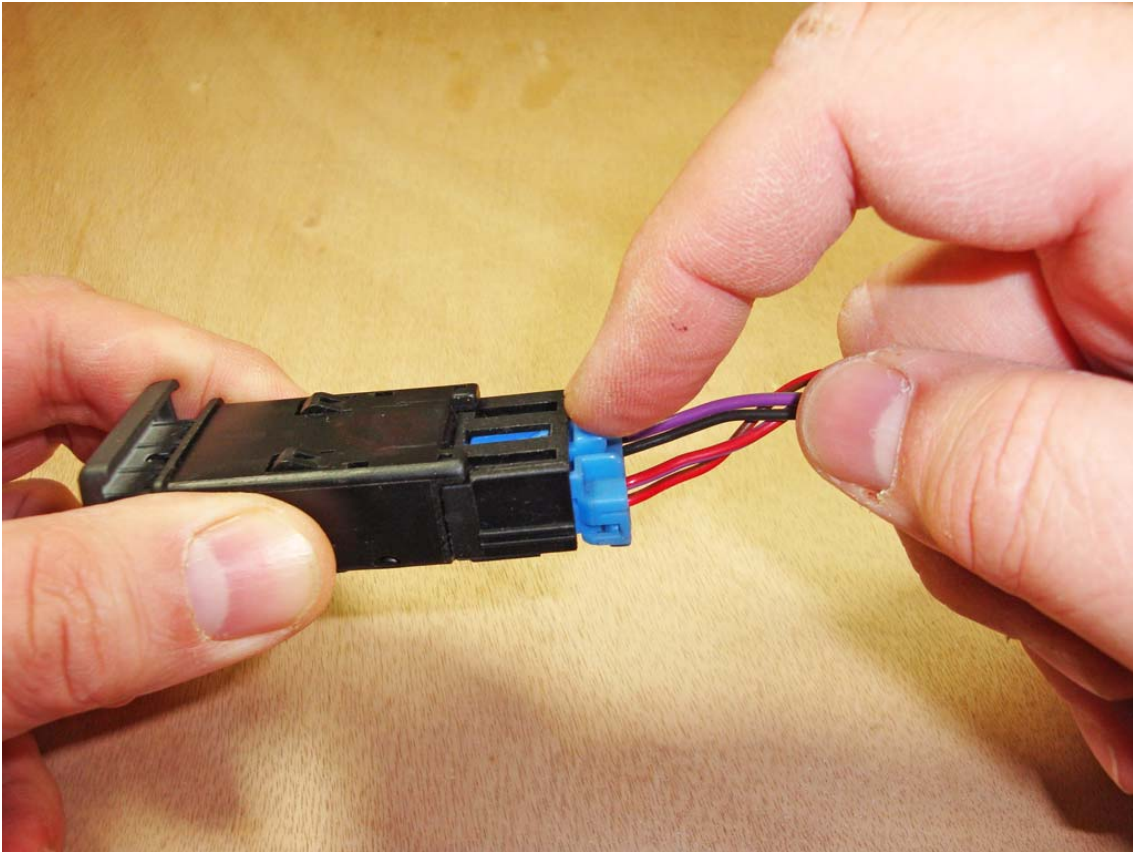
For clarity, the Switch and its Loom have been removed removed from vehicle.

- i. Fuel flap release switch pulled forward from facia.

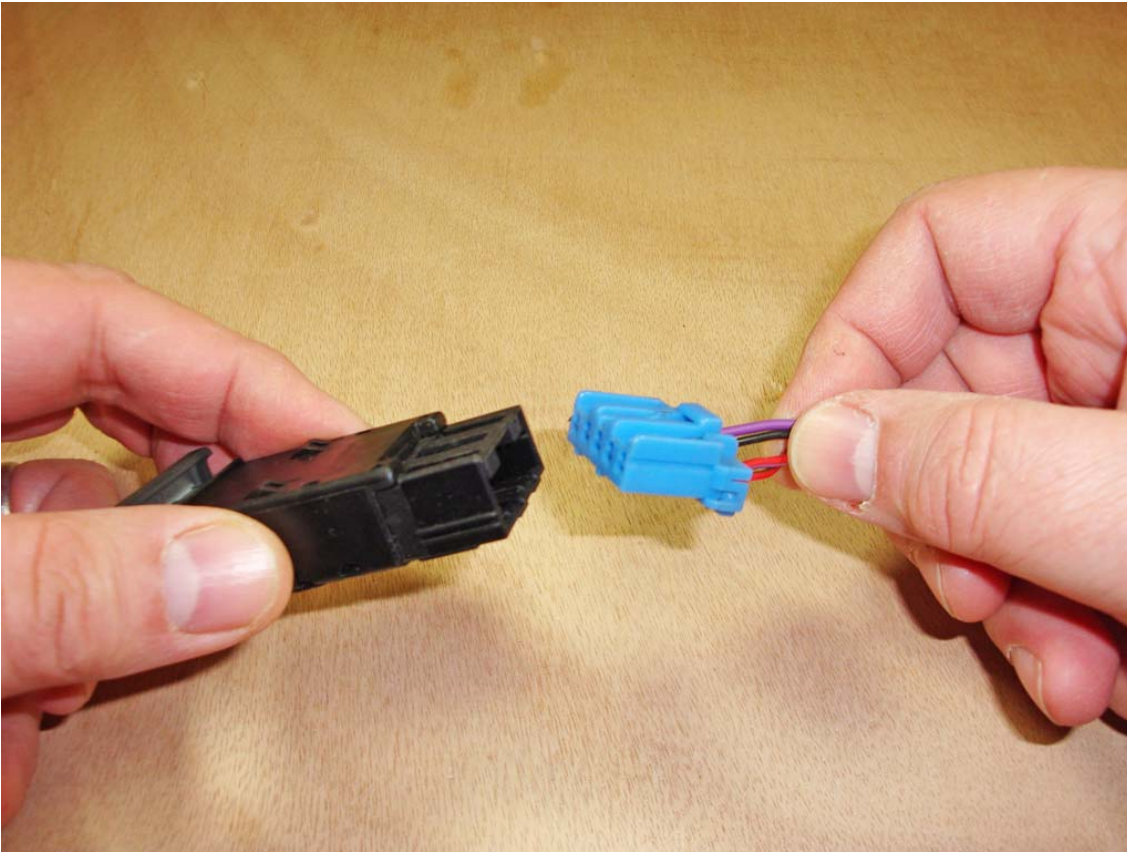




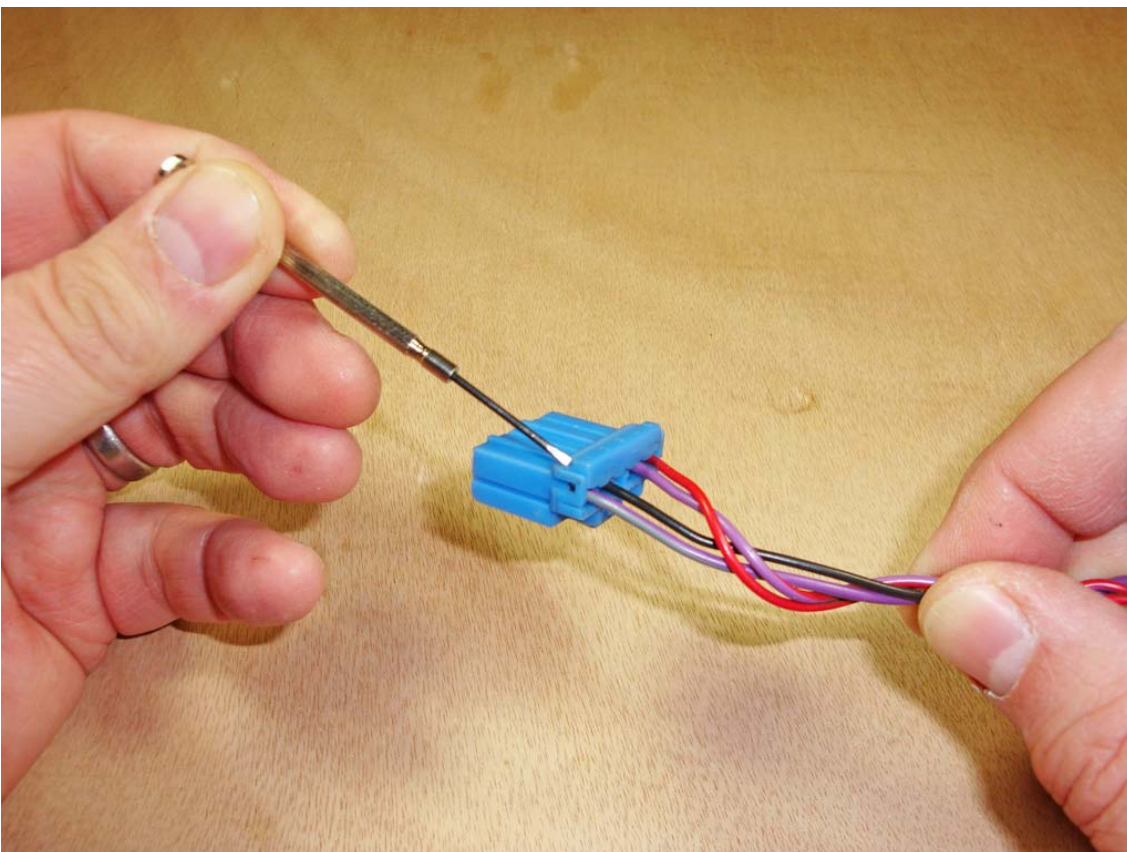
ii. Press release tab on Blue switch connector



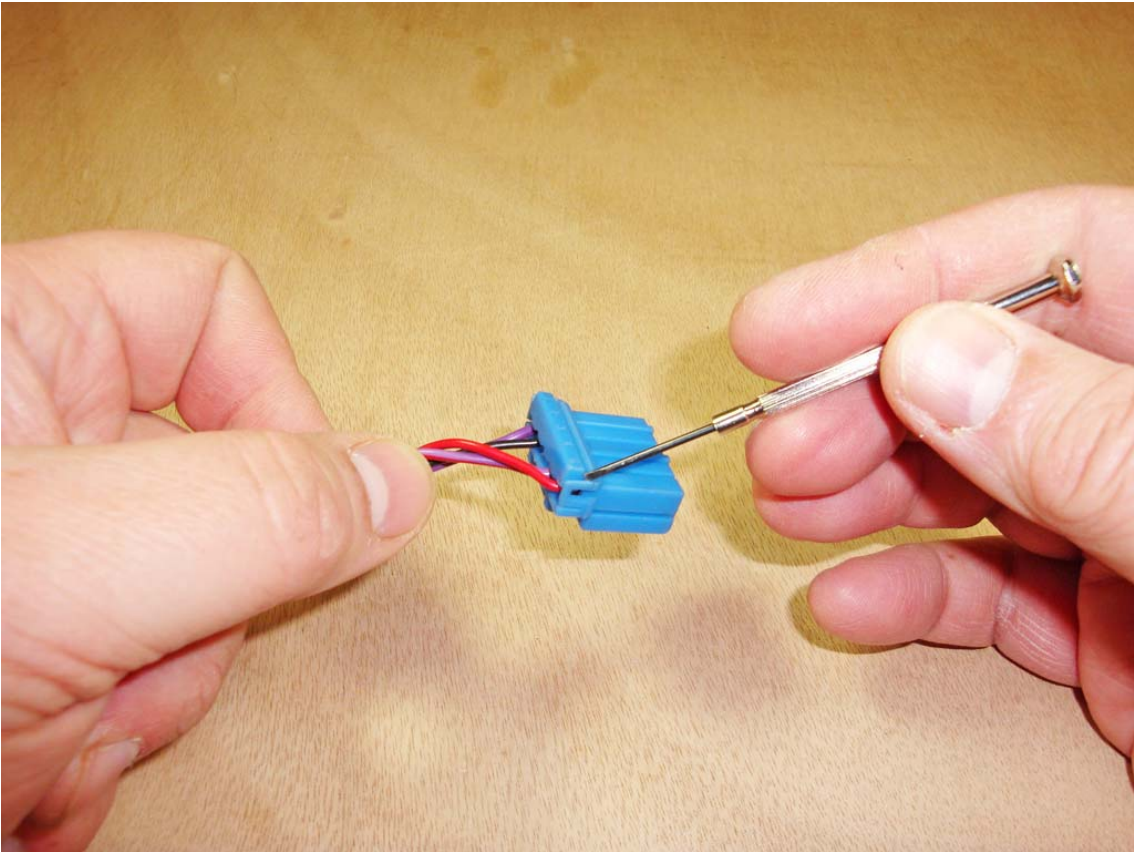
iii. Remove Blue switch connector from switch



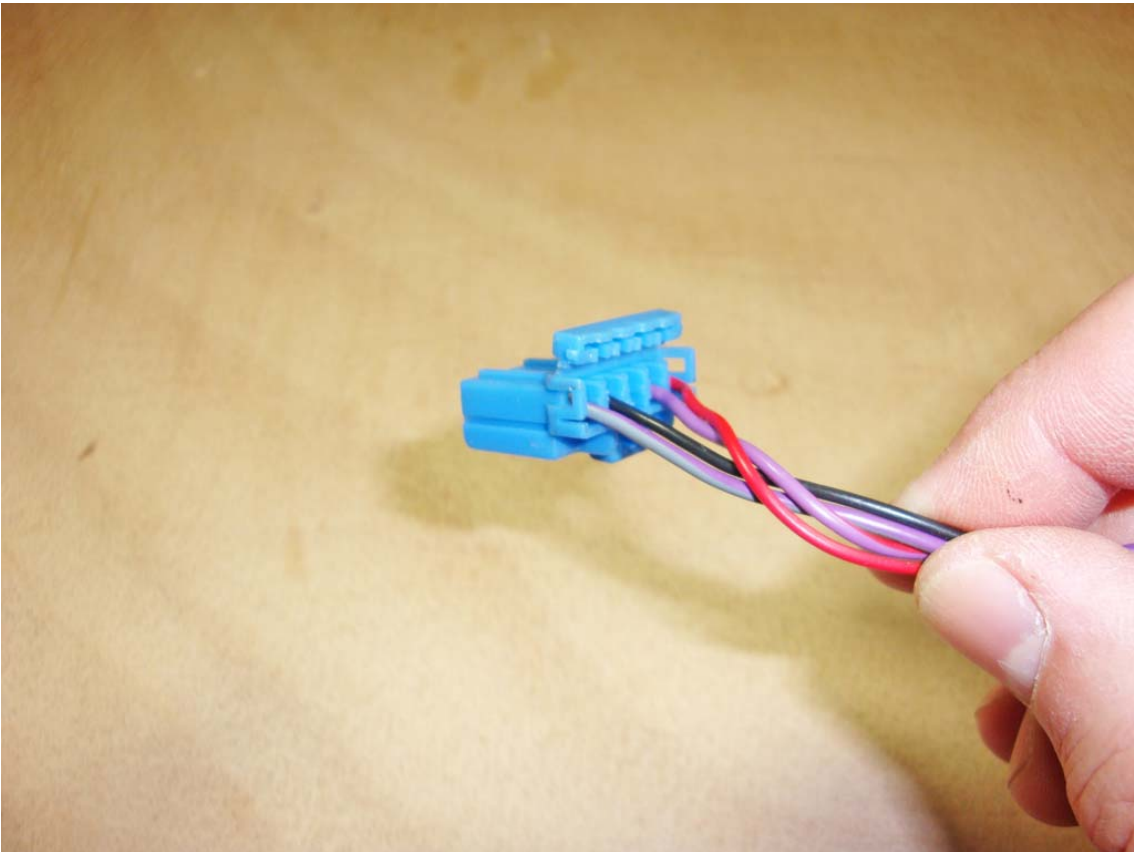
iv. Use a small screwdriver to open the hinged terminal lock, 1st side



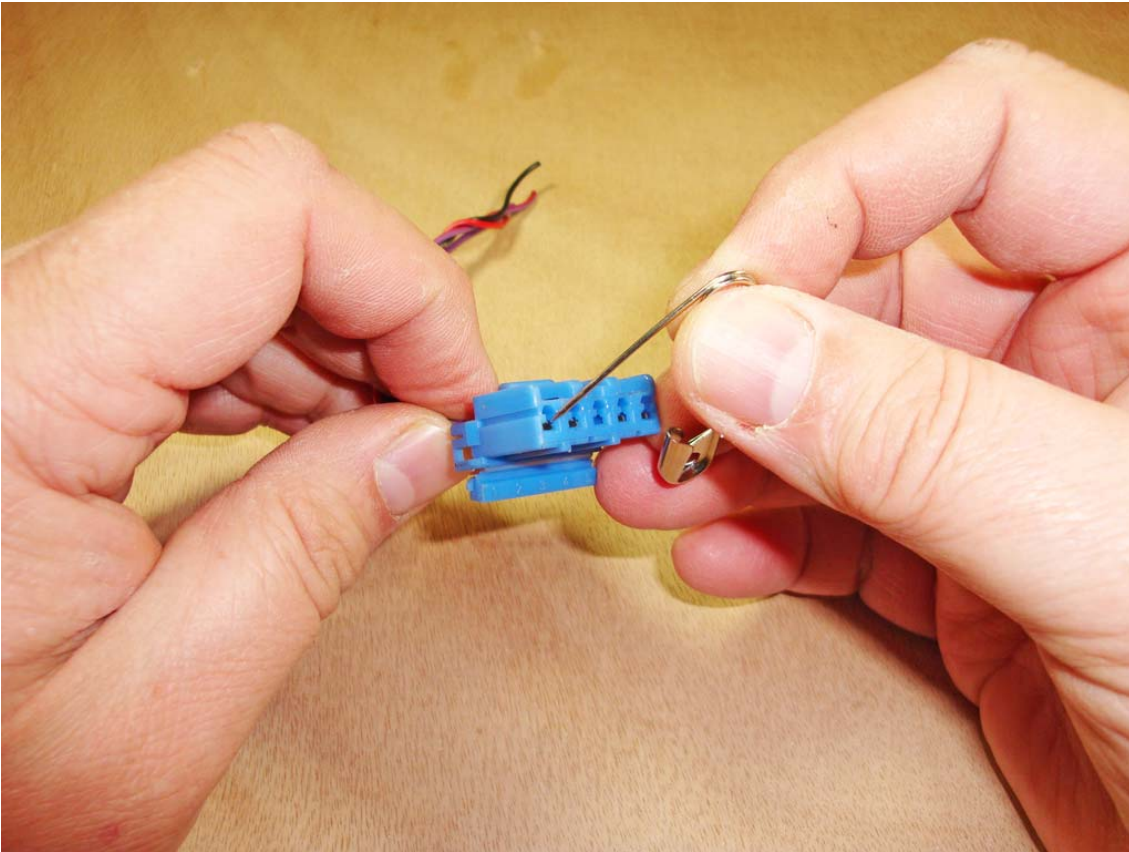
and the 2nd side



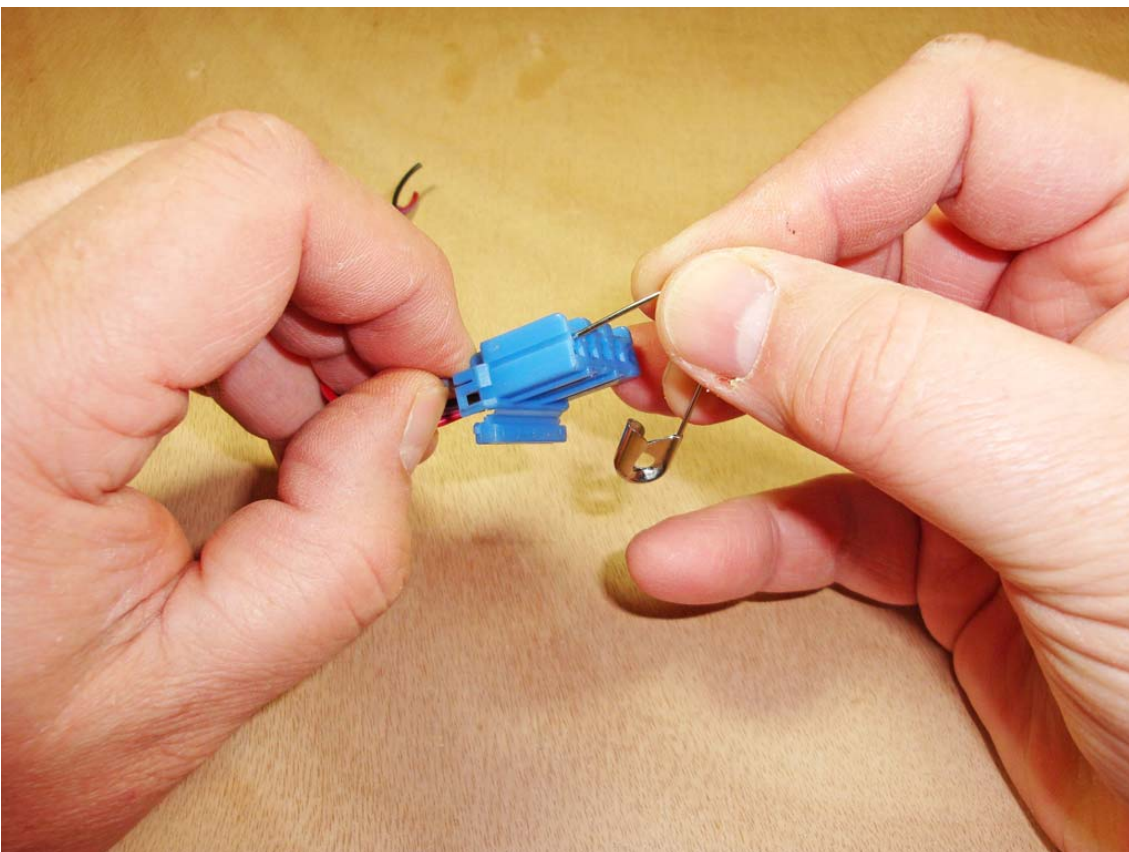
v. Hinged terminal lock opened



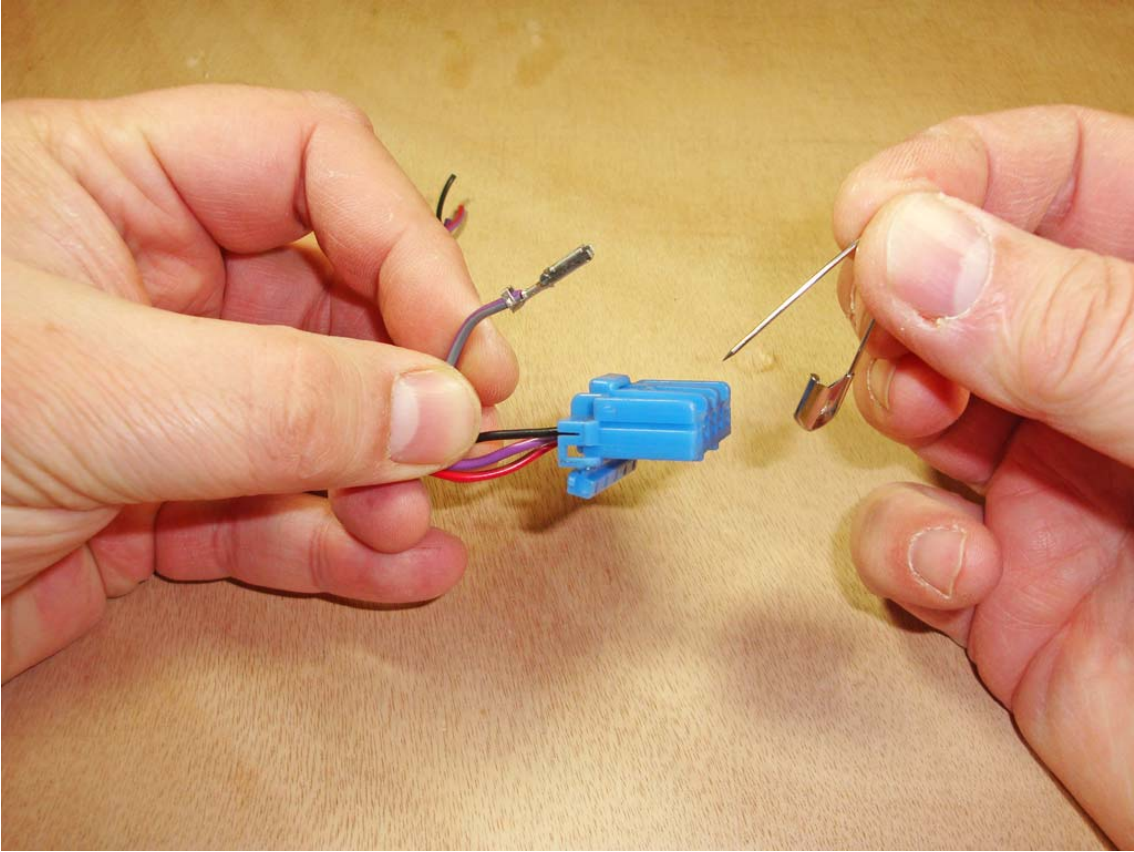
vi. Use a safety pin to lift the locking tab above the terminal



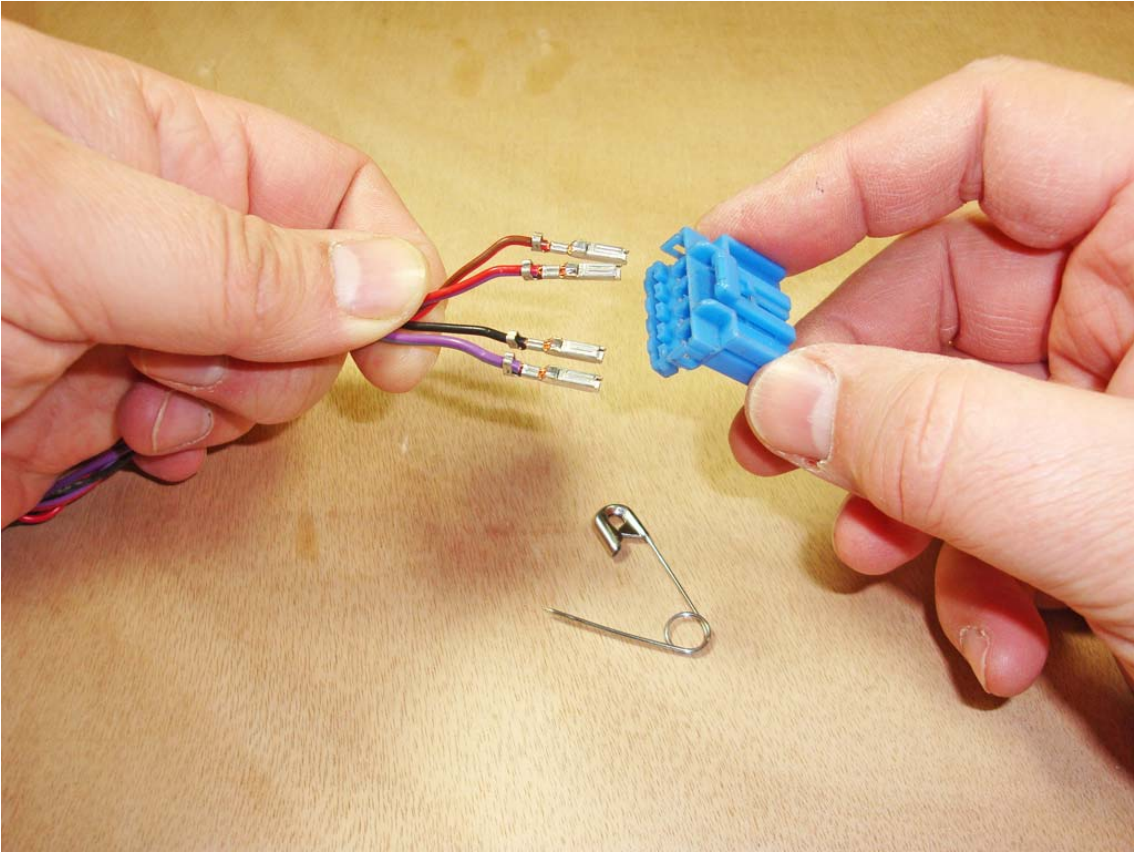
At the same time as lifting the locking tab, pull **gently** on the wire



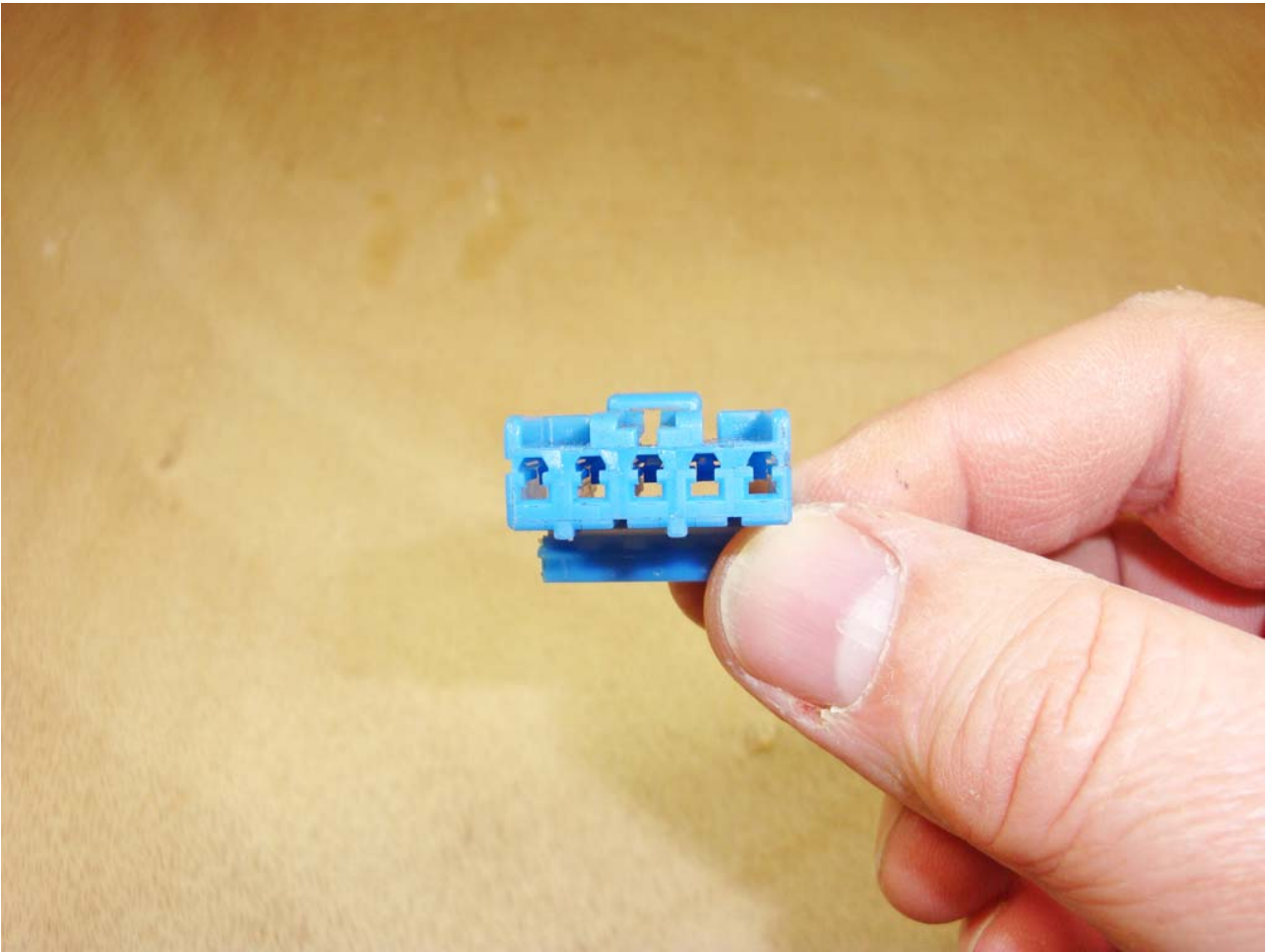
vii. Terminal released from connector housing



Repeat for the other three terminals



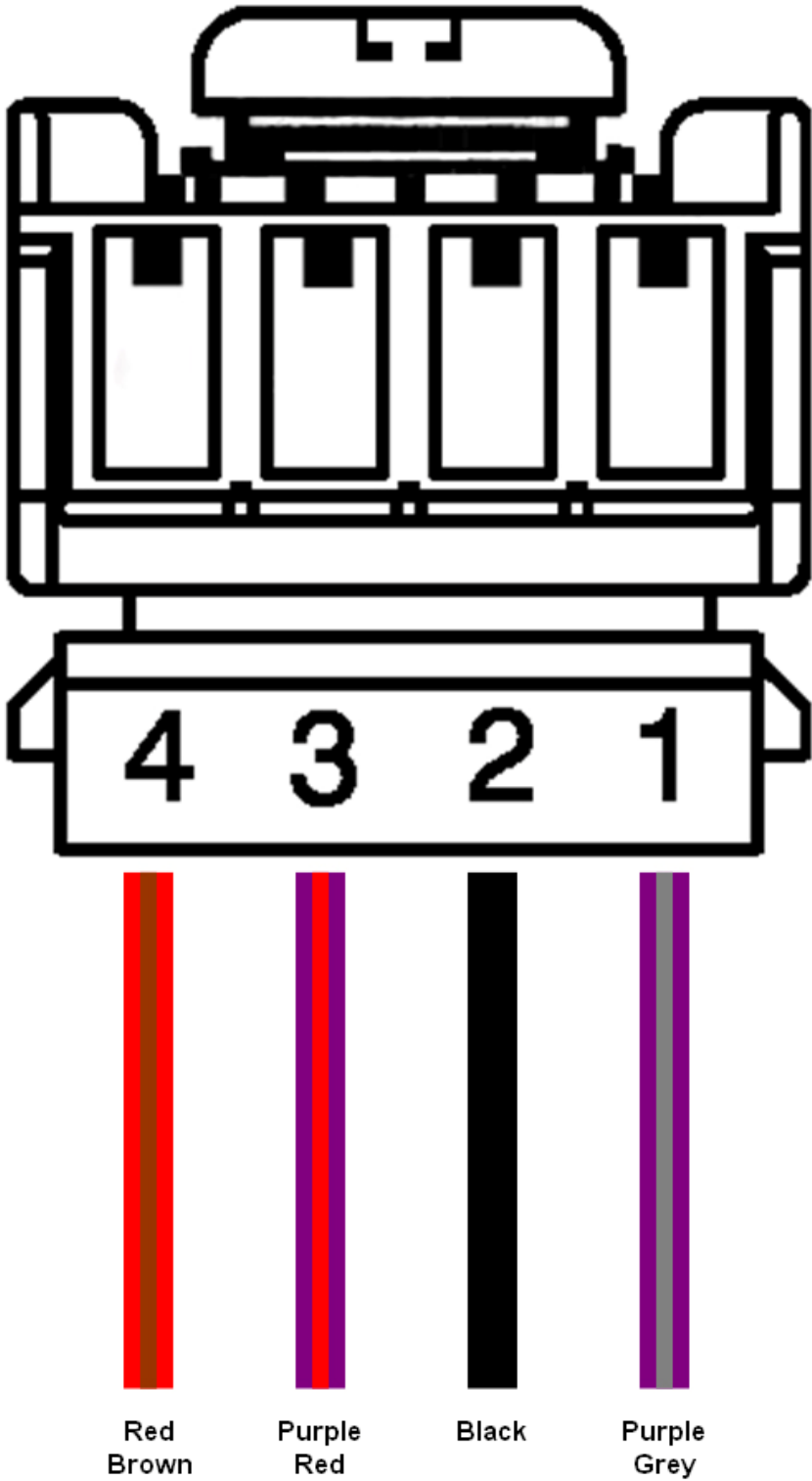
viii. With all the terminals removed from connector housing, you can now easily see the terminal locking tabs above each terminal's cavity



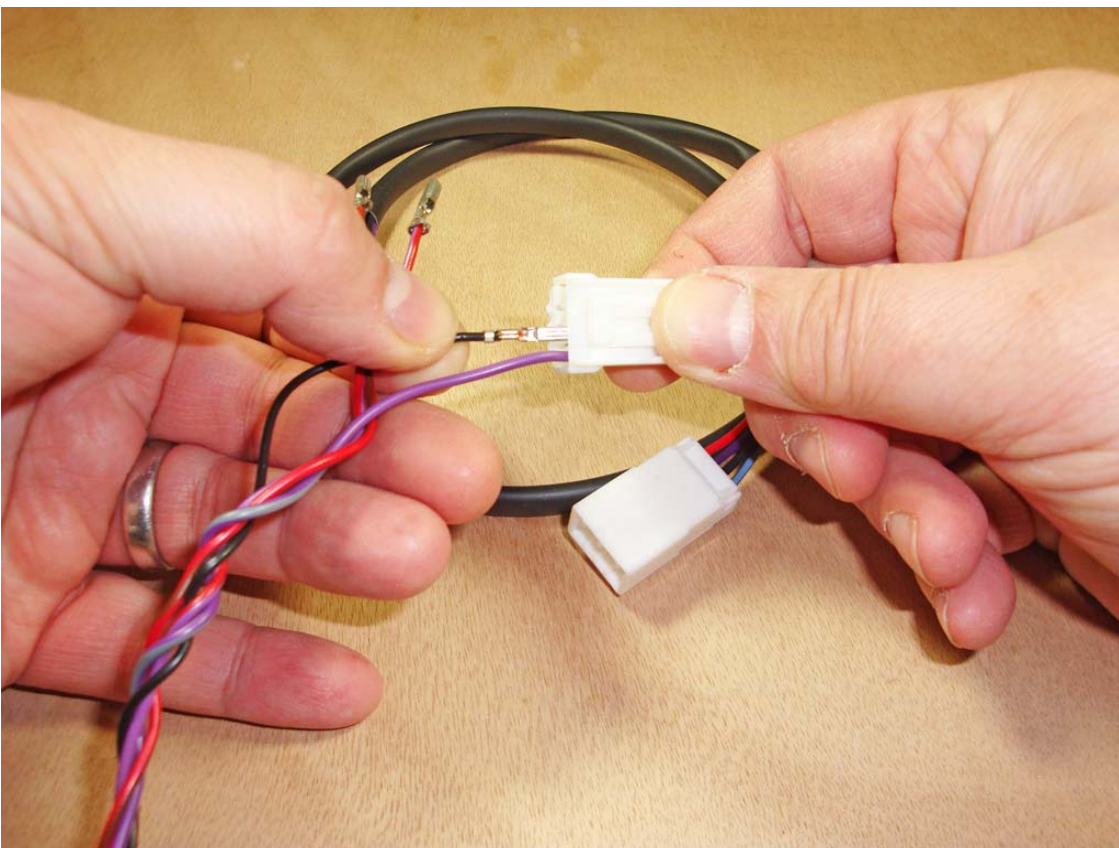
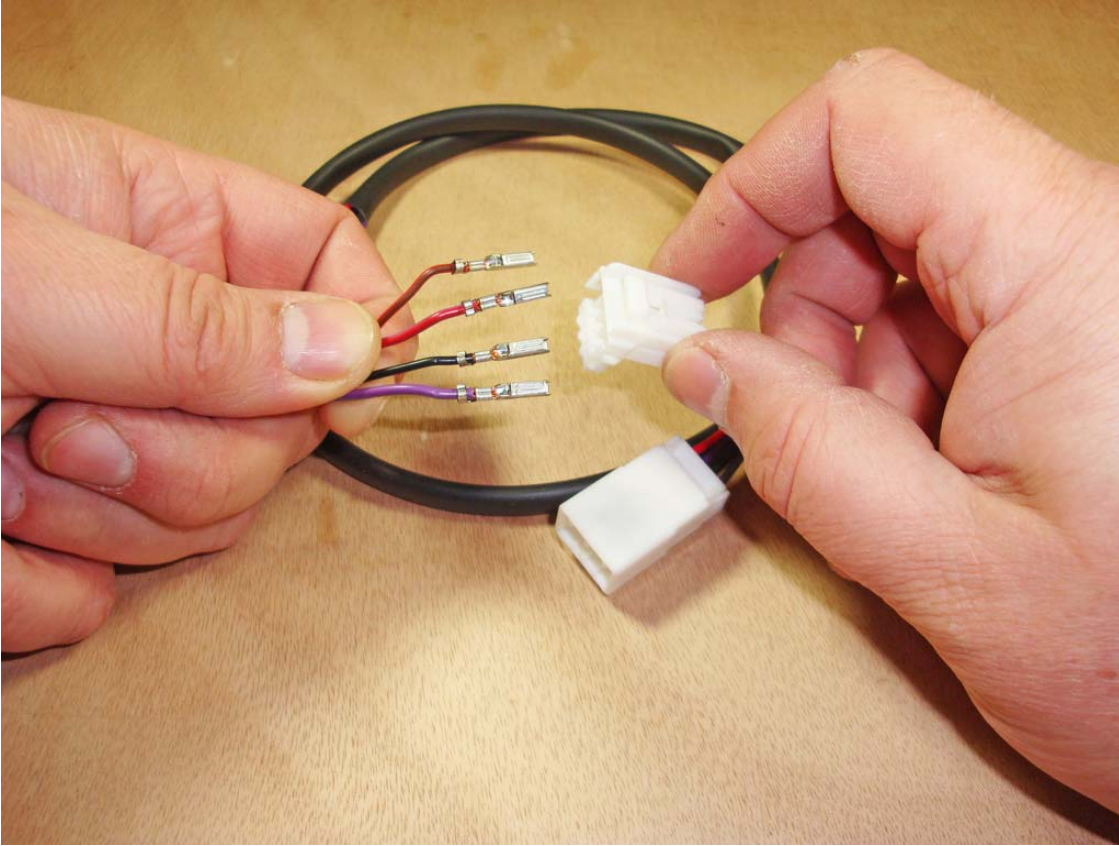
Keep the old fuel flap release switch and its Blue connector safe, as you can always remove the Relocation Harness and put the old switch back if you change your Discovery II for another one.

Go to the next page for details of which colour wire goes into which cavity of the White female connector that connects to the Relocation Harness.

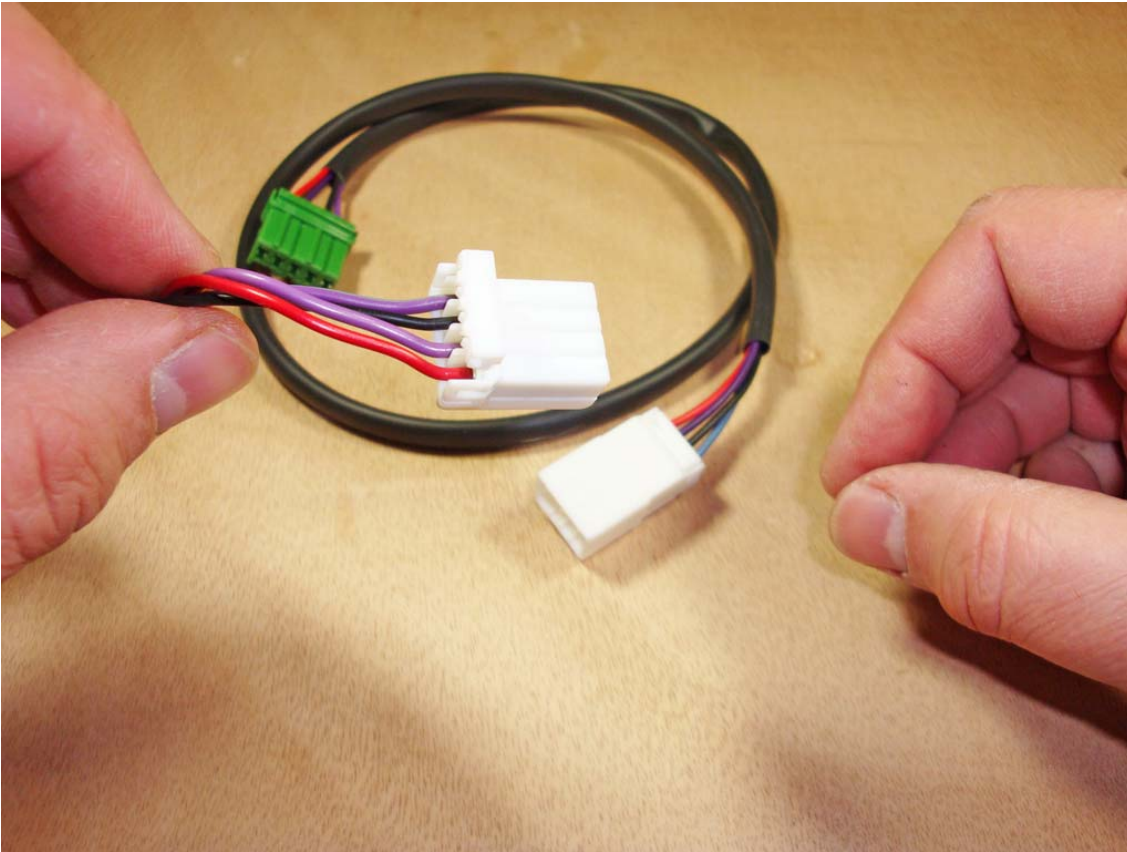
Rear of White Female Connector



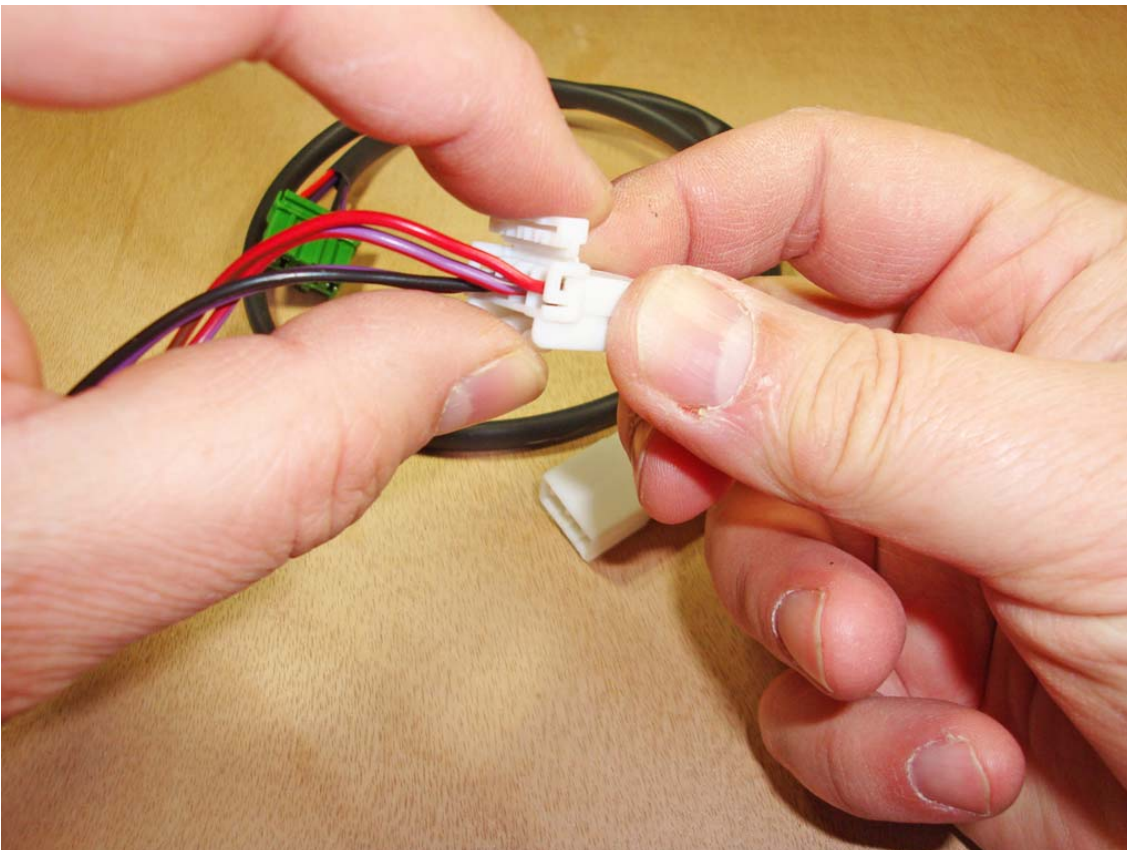
ix. Insert the Terminals into the White female connector supplied with the Relocation Harness. The terminals will only go into the cavity the right way up. The terminals will 'click' when they are locked in.



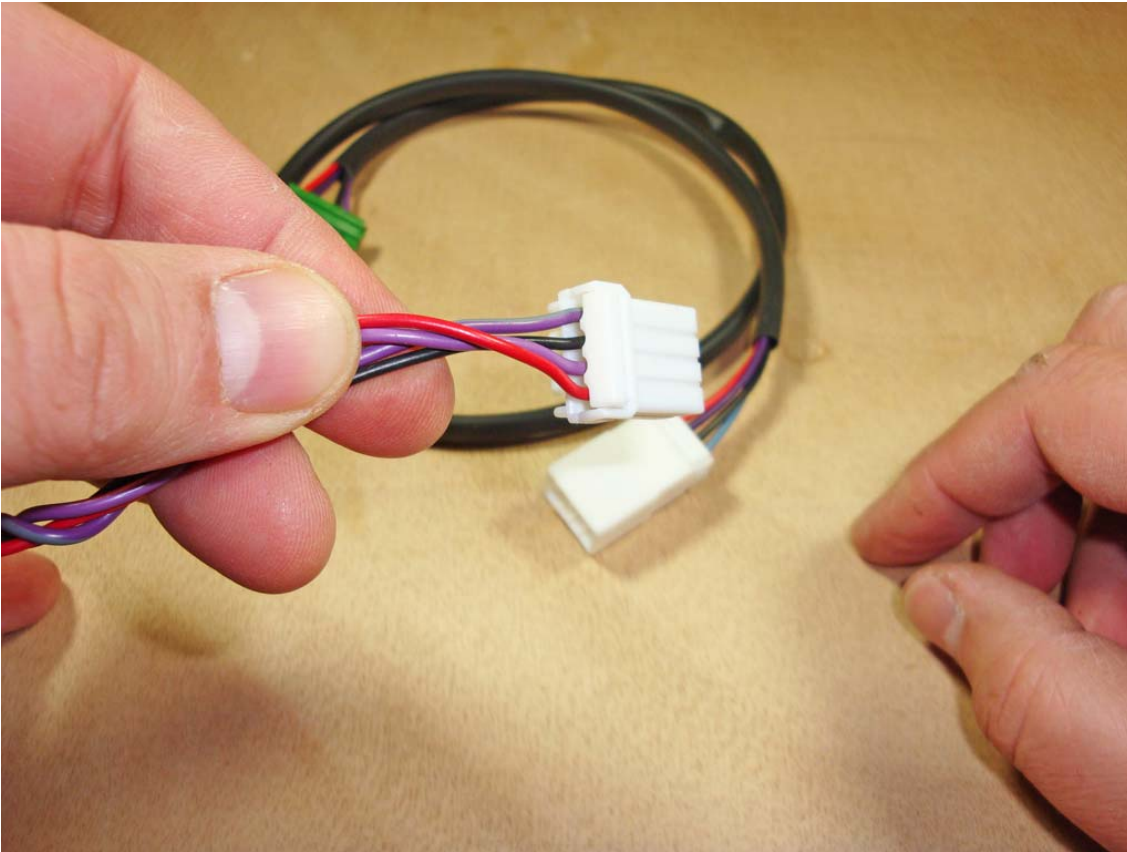
x. All terminals inserted



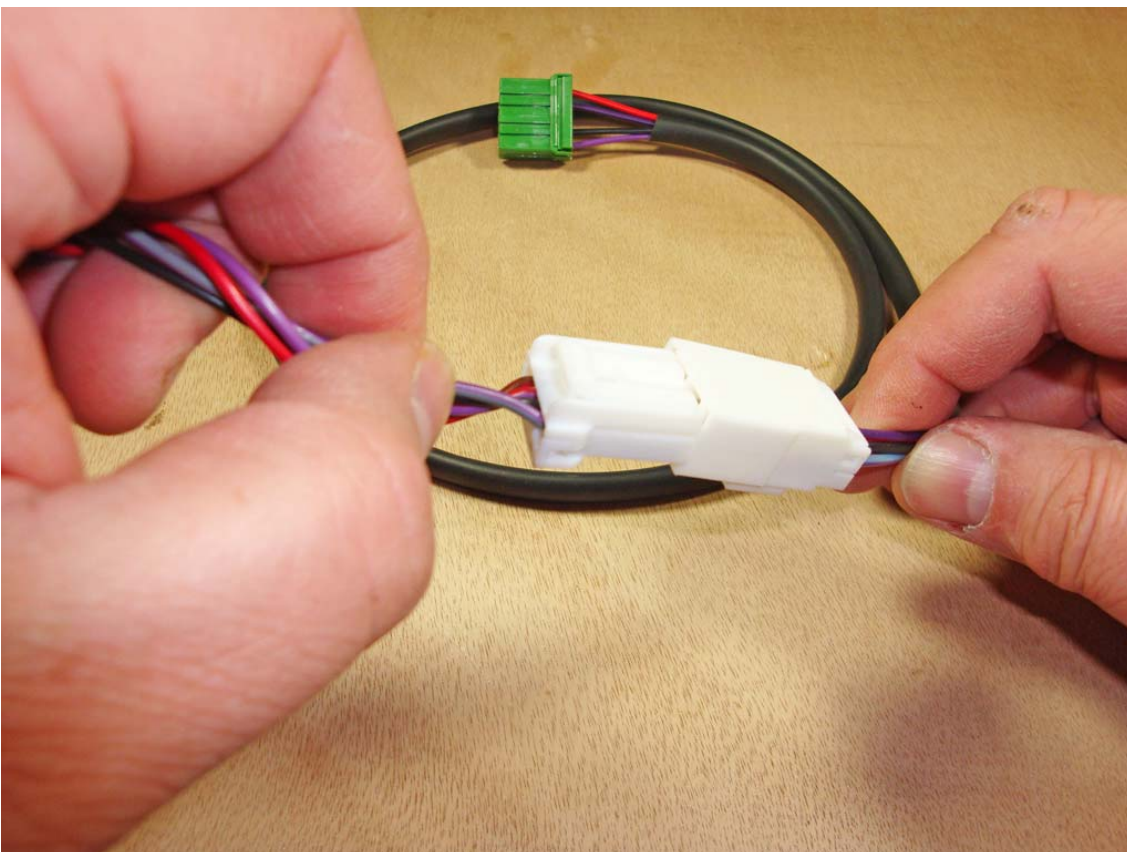
xi. Close hinged terminal lock



xii. Hinged terminal lock closed



xiii. Connect female connector to male connector on Relocation Harness



xiv. Check to ensure that the cable colours correspond on either side of the connector

