



# Ford Falcon Lights On Kit

Installation Instructions



Accessory Part No. **BA13D005AB**

Weight: 250 grams

Installation Time: Approx. 30 mins

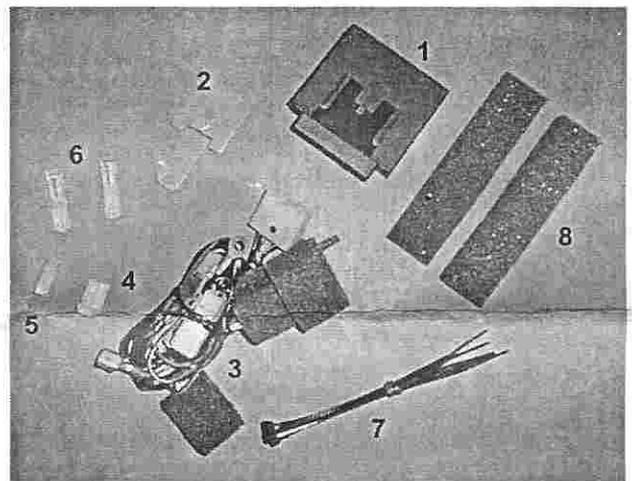
**Important:** This kit requires the fitment of wire tap style terminals to existing wiring in the vehicle. It is most important that these terminals are made secure and do not damage the vehicle's wiring. Ensure that the male terminal is pushed all the way into the female part.

## Parts List

**Important:** Check contents of kit before commencing fitment and report any discrepancies.

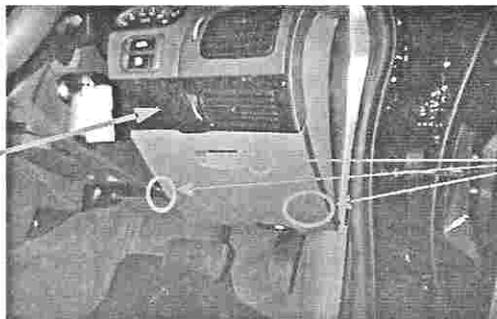
Item	Component Name	Part No.	Qty
1	Control module	8HB1-5FD01	1
2	Control module bracket	3AB1-5F091	1
3	Wiring loom	1MNB-15FD3	1
4	2 pin connector	1M30-2G914	1
5	2 pin connector	1M30-2G915	1
6	Wire Tap terminals <b>Yellow</b>	1M76-00004	2
7	Cable ties (140 mm)	1M41-14001	6
8	Foam Tape	6AE0-00002	2
9	Fitting Instructions	Issue 1 11/03/03	1
10	Operating Instructions	Rev 2 Mar 03	1

## Kit Parts



## Layout

Control module mounting location under dash trim



Connection points of the supplied wiring loom to fuse panel area.

## Tools Required:

8 mm socket spanner with extension.  
Small flat blade screwdriver.  
Pair long nose pliers.

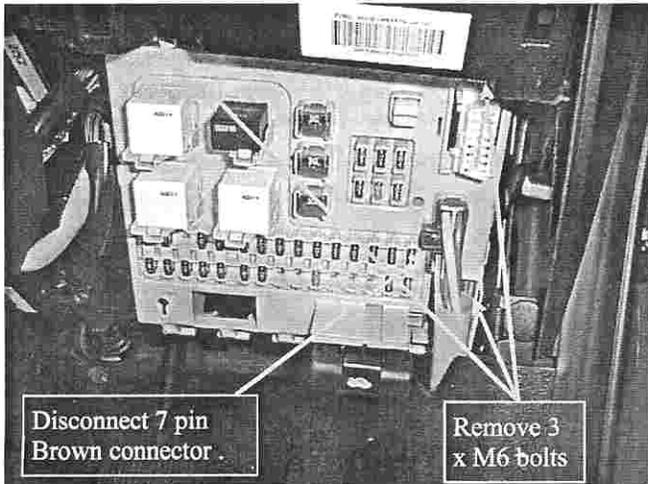
## Care Instructions:

Disconnect the negative lead from the battery when connecting power circuits.  
Ensure that the wiring loom is kept away from sharp edges, moving parts and extreme heat radiating materials.

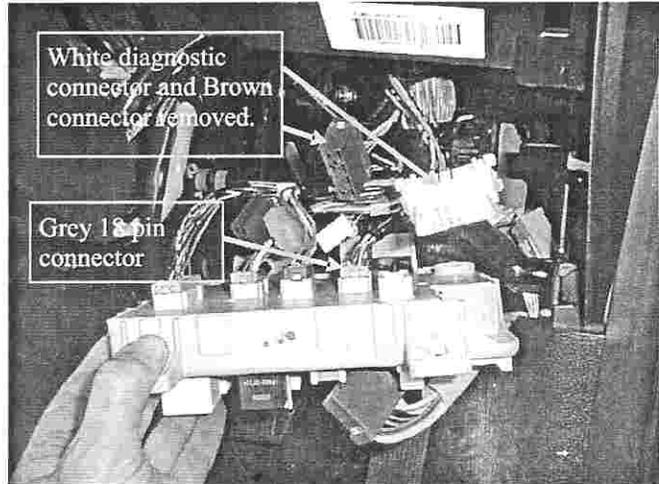


**A Pre installation**

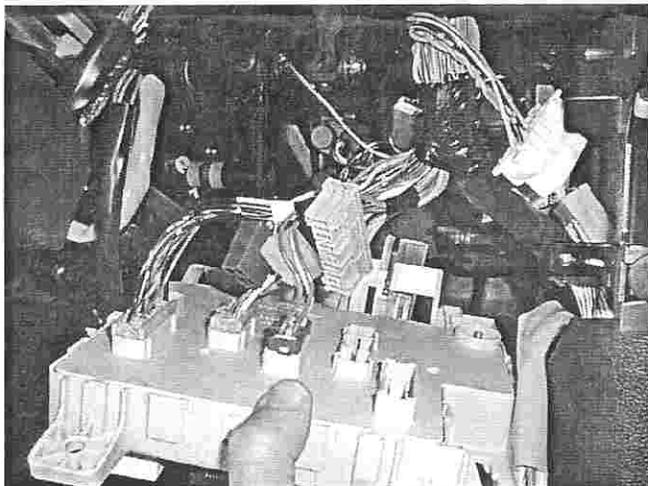
1. Remove the fuse panel cover by carefully pulling the top latch out and downwards.
2. Disconnect the Brown 7 pin ignition power connector from the front of the fuse panel. Refer Fig 1
3. Locate and remove the three M6 bolts that secure the fuse panel to the lower dash panel. Refer Fig 1
4. Carefully pull the fuse panel downwards and forwards. Release the top right corner white diagnostics connector and unplug the Brown connector next to it. Carefully disconnect the Grey 18 pin connector also. A terminal back out procedure will be required to this Grey connector later. Refer Fig 3.



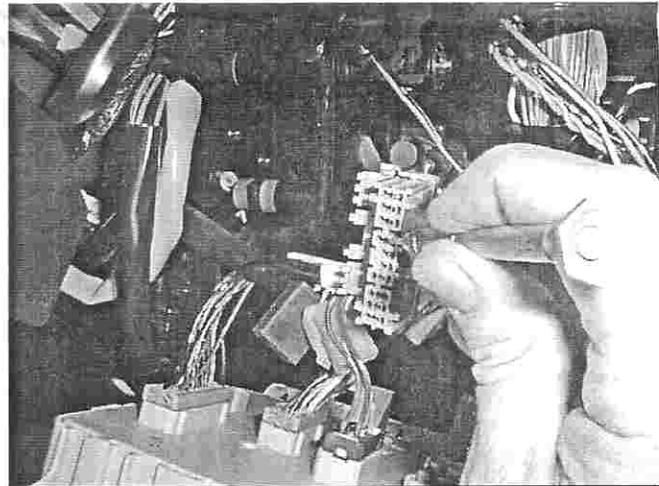
**Fig 1.** Location of M6 bolts securing the fuse panel. Disconnect 7 pin connector. Remove 3 x M6 bolts.



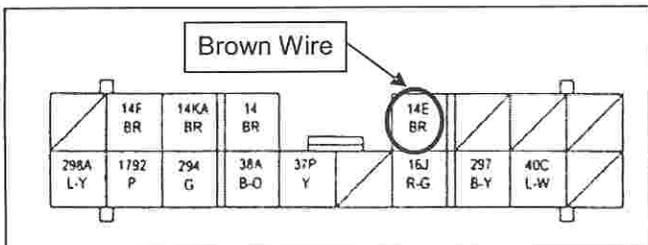
**Fig 2.** Rear view of the fuse panel showing the white diagnostics and brown connectors unplugged.



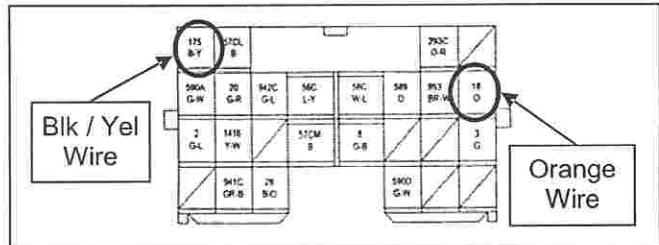
**Fig 3.** Grey 18 pin connector unplugged from the fuse panel.



**Fig 4.** Brown wire from the Grey 18 pin connector that needs to be backed out from housing.



**Drawing 1.** Connector pin outs for 18 pin Grey fuse panel connector.



**Drawing 2.** Connector pin outs for 26 pin Black steering column connector.



## B Wiring Loom Installation

5. Locate the **Brown** wire (Tail light activation) found in the Grey 18 pin connector. Release the anti back out plate from the rear of this connector housing. Refer Drawing 1 on the previous page. Carefully back out and remove the Brown wire & pin from the connector housing. Refer Fig 4 & Drawing 1.
6. Insert the **Brown** wire with the female terminal pin (on the supplied wiring loom, item 3) into the location where the wire was removed from the Grey connector in the above step.
7. Insert the terminal removed from step 5 into the two pin connector housing (item 5 found in the hardware bag) making sure it's in the same location as its mating connector on the supplied wiring loom.
8. Connect these two pin connectors together. Refer Fig 5.
9. Replace the Grey and Brown connectors and the white diagnostic plug into the back of the fuse panel.
10. Route the supplied wiring loom across the top of the fuse panel towards the steering column behind the LHS mounting tab. Replace the top RHS M6 bolt and re secure the fuse panel loosely into place. Ref Fig 6.
11. Route the wires with the Red spade terminals and earth eyelet over the top of the fuse panel and down towards the lower RHS earth tab. Replace the M6 bolt with the earth eyelet terminal attached. Ref Fig 7.

### Important:



Ensure this earth bolt is re tightened and the installed eyelet terminal is not loose.



Fig 5. View showing the two pin connectors with brown wires on the supplied wiring loom.

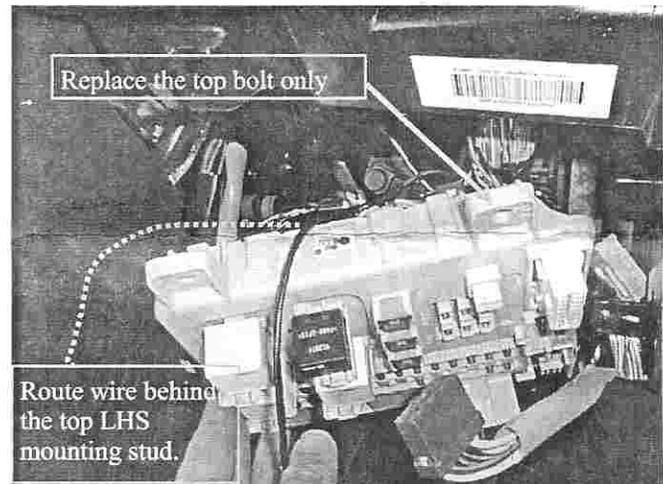


Fig 6. Replace the fuse panel with the top RHS M6 bolt only. Route wiring loom behind fuse panel

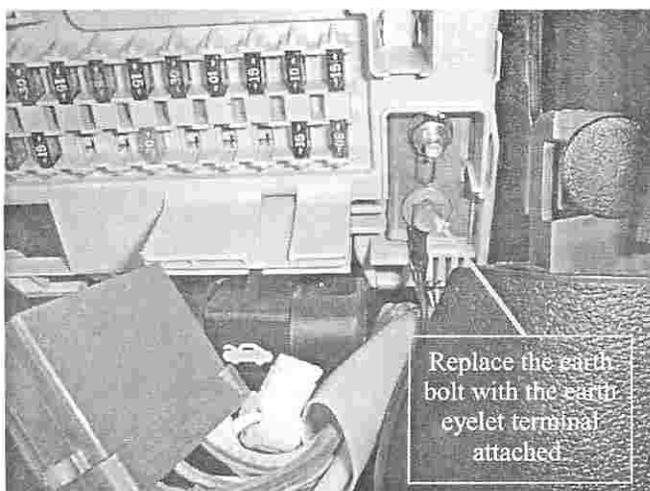


Fig 7. M6 bolt replaced with earth eyelet terminal attached. Retighten the earth bolt.

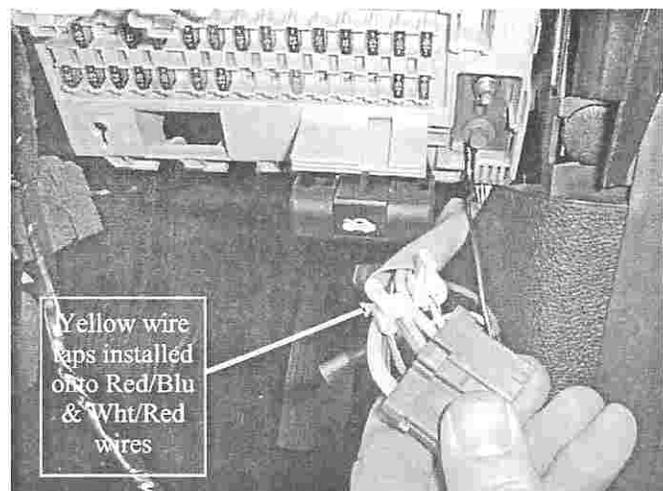


Fig 8. Yellow wire tap terminal attached to the Red/Blue and the White/Red wires.

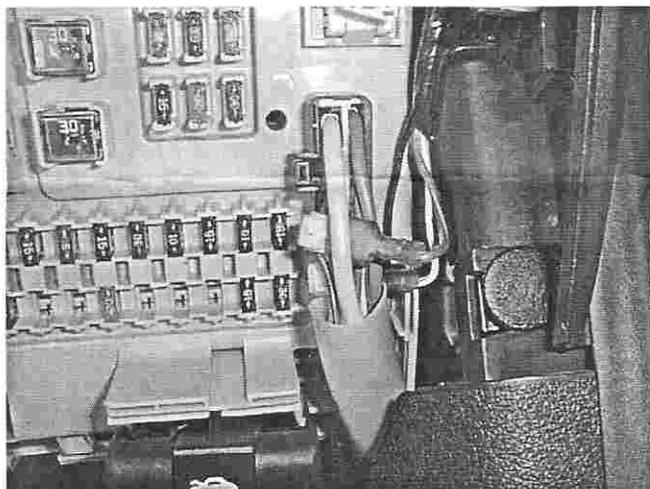
**Wiring Loom Installation continued**

12. Locate the **Red / Blue** stripe wire (Starter Motor Sense) and the **White / Red** stripe wire (Ignition 12 volts) found in the wiring harness that goes to the 7 pin Brown connector that plugs into the front of the fuse panel. Refer Fig 8.
13. Attach the yellow wire tap terminal (items 6) to both of these wires. Make sure that these wire tap terminals snap closed on these wires. Use long nose pliers to lock the wire tap terminals closed. Refer Fig 8.
14. Attach the Red/Blue wire on the supplied wiring loom to the Red/Blue wire with the installed yellow wire tap and attach the White/Red on the supplied wiring loom to the White/ Red wire with the installed yellow wire tap. Reconnect the Brown 7 pin connector to the fuse panel. Refer Fig 9.
15. Route the supplied wiring loom up along the RHS of the fuse panel and then up across the top. Neatly cable tie the supplied wiring loom to the vehicle wiring harness.

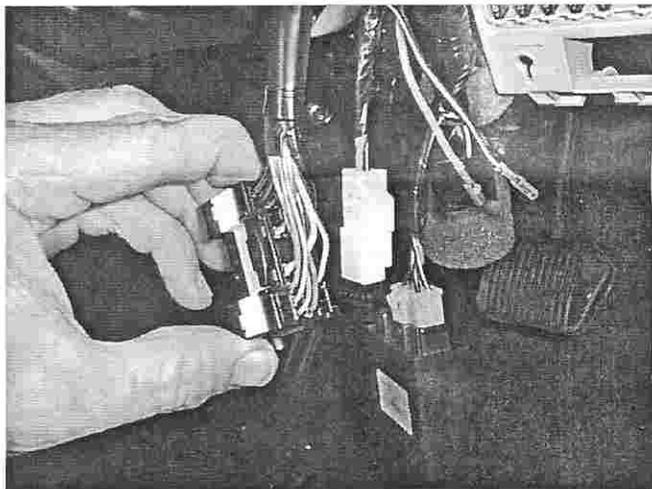


**Important:** Make sure that the Wire Tap terminals have sufficient slack wire and they are not placing any strain on the supplied wiring loom or the vehicle wiring harness.

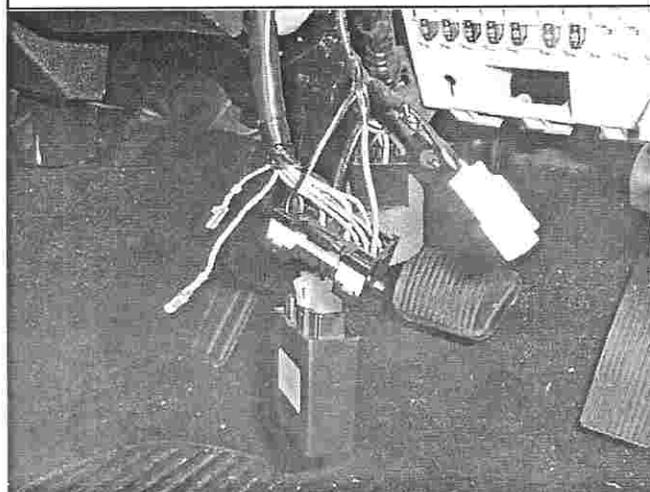
16. Locate and disconnect the Black 26 pin steering column connector. Release the latch and pull out this connector. Refer Fig 10.
17. Release the white anti-back out plate from the 26 pin steering column connector. Back out the Orange wire and the Black/Yellow wire. Refer Drawing 2 & Fig 11.
18. Install the Orange wire and the Black/Yellow wire on the supplied wiring loom into the location in the Black connector housing where the wires were removed in step 17. Refer Figs 11&12.
19. Insert the wires removed in step 17 into the 2 pin connector housing (item 4 found in the hardware bag) Match the colors in the mating two pin connector on the supplied wiring loom. Refer Fig 12.
20. Connect the two pin connectors together and reconnect the 26 pin steering column connector.



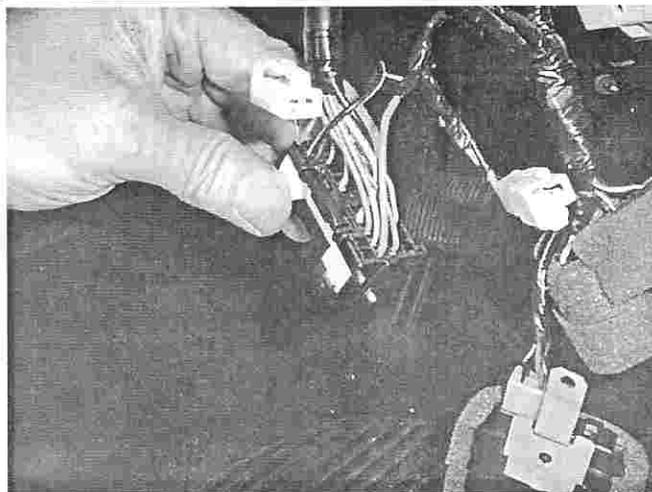
**Fig 9.** Mating spade terminal pushed onto the wire tap terminals.



**Fig 10.** Black 26 pin steering column connector shown unplugged.



**Fig 11.** Orange and the Black/Yellow wire removed from the steering column connector.



**Fig 12.** Orange and Black/Yellow wires installed into the supplied wiring loom & two pin connector.



### Wiring Loom Installation continued

21. Attach 2 pieces of foam tape (item 8) to reduce dash squeaks to the front and sides of the control module.
22. Attach the mounting bracket (item 2) to the control module with the mounting hole towards the connector. Don't push right up onto the plastic nipple on the back of the control module. This make fitment easier.
23. Connect the 6 pin connector to the control module.
24. With the M6 bolt located in the mounting bracket hole refasten to secure the control module and the fuse panel. Retighten the other 3 M6 bolts. Refer Fig 13 &14.
25. Tuck the relay and the fuse with the foam tape in behind the steering column lower should. Refer Fig 15.
26. Pull down the control module onto the mounting bracket nipple. Cable tie the two pin connectors and the supplied wiring loom to the main wiring loom. Trim off excess cable ties. **Ensure that the supplied wiring loom is secure and does not come into contact with any moving parts or sharp edges.**

### C Testing

27. Ensure the vehicles headlight switch is set to the "OFF" position.
28. Turn the ignition to the "ON" position and check that the vehicles headlights, parklights and taillights have turned "ON". The instrumentation dash lights will not be illuminated.
29. Crank the engine and check that the headlights, parklights and taillights turn "OFF" during cranking and turn "ON" again after cranking.
30. With the engine running or with the ignition "ON" place the headlight combination switch into the "PARKERS" position and ensure that the "HEADLIGHTS" turn "OFF" and the "PARKERS" and the "TAILLIGHTS" stay "ON"
31. Replace the fuse panel cover. Make sure there are no areas where the installed wiring loom can be seen once the fuse panel cover is reinstalled. Refer Fig 16.
32. Place the Owners Operating Instruction Card (item 10) into the glove box.

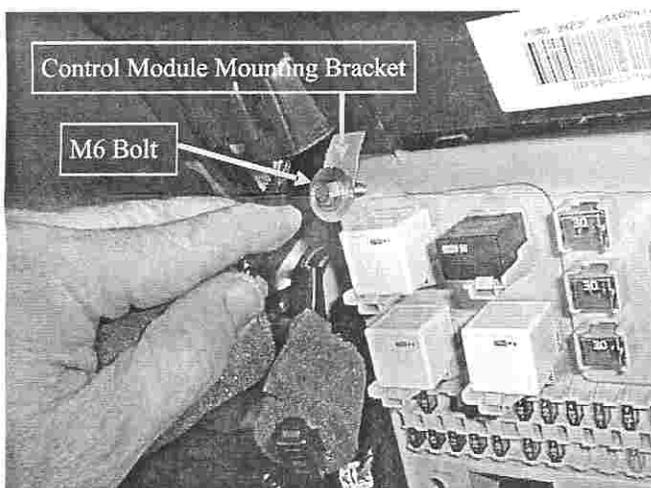


Fig 13. M6 bolt installed onto the control module mounting bracket.

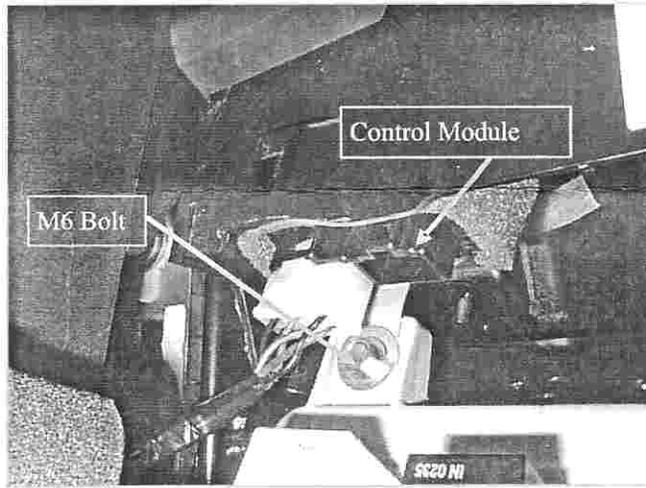


Fig 14. Control module attached to fuse panel mounting tab and 6 pin connector installed.

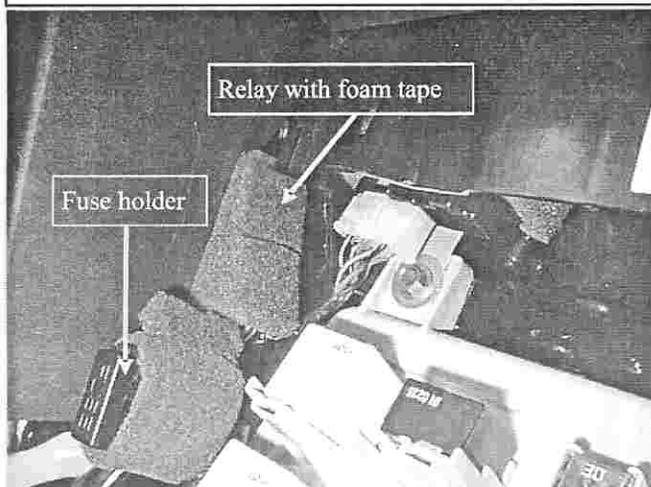


Fig 15. Relay and fuse holder tucked in behind rear of steering column should.

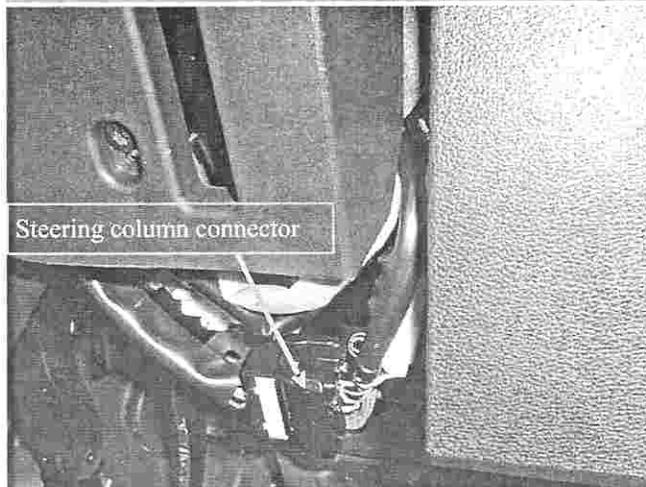


Fig 16. Fuse panel cover re installed and steering column connector secured.