

# 75ZT Community

## How to fix problems with the Driver window and mirror control unit..... By Mike



These units can tend to fail with age, normally at the mirror control unit when the 8 - way control button fails to respond and the mirrors don't move.

The fix is quite simple if a bit fiddly. Allow 30 minutes for this job.

Tools needed:

Feeler gauges/tweezers/jewellers screwdrivers – lots!

1 pencil eraser tip or a contact cleaner tool

cleaning cloth

### Step 1

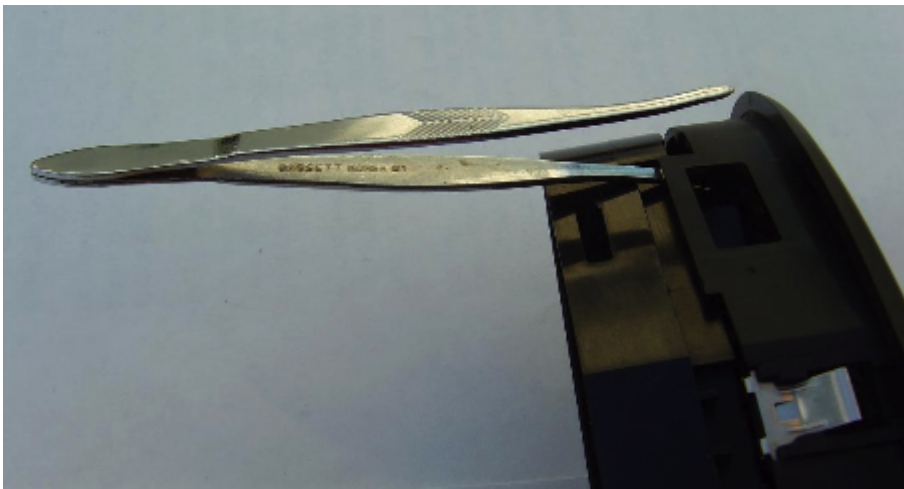
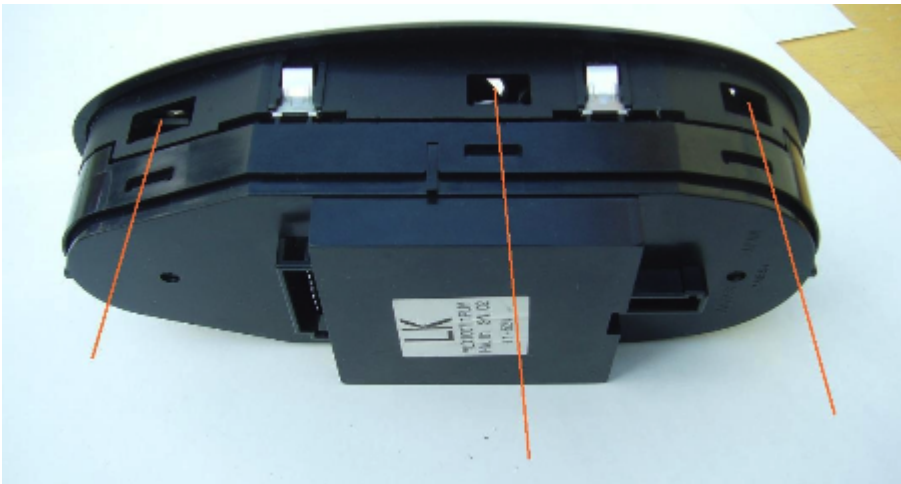
Remove the unit from car – a credit card run around the edge will free the clips holding the unit in the door.

### Step 2

Unclip the 6 plastic clips (3 each side) holding the unit body halves together (see pic below). This is best done by carefully inserting tweezer ends or similar underneath the plastic surround to pull it away from the clips - you will need to insert a tweezer at each clip area simultaneously to get the clips free. Make sure the unit is warm to minimise the chance of any clips breaking due to cold plastic as they can be brittle.

Note I removed all 12 clips (six lower and six upper) but this is not necessary for this work – just remove the six upper clips.

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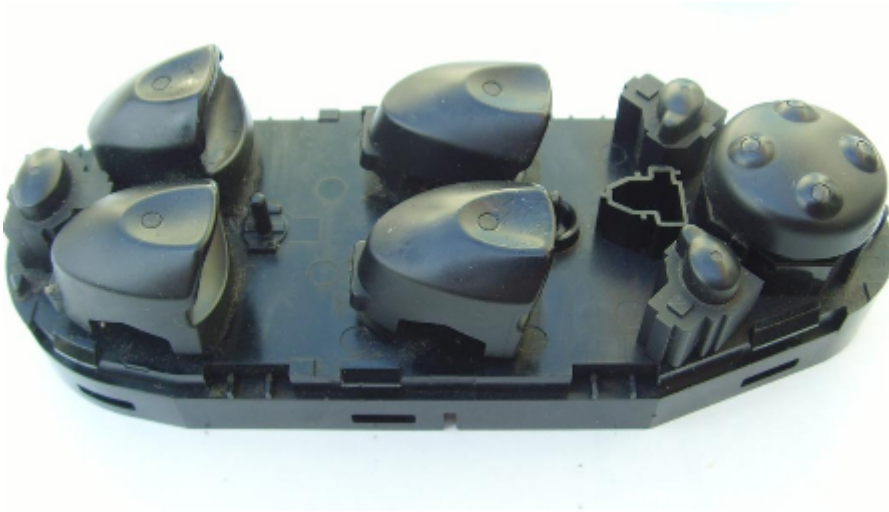
### Step 3

Once the 6 clips around the top half are free you can pull the top cover off

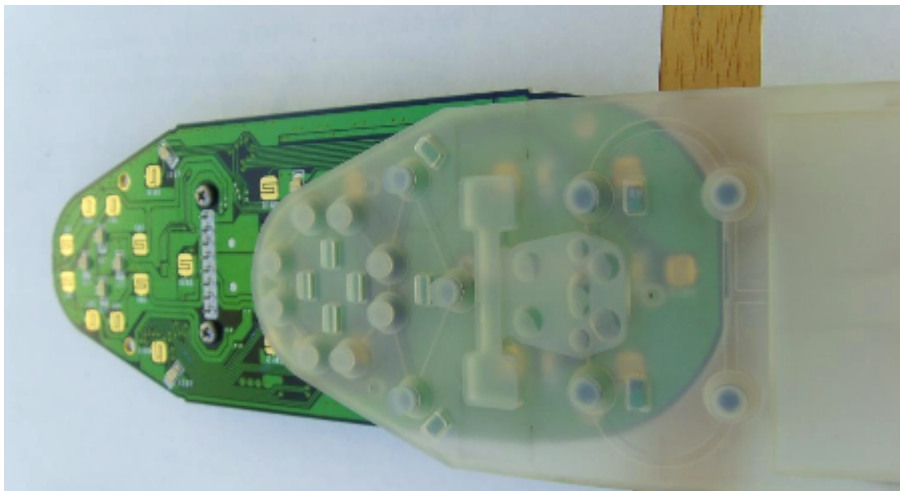


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3. Lift the switch unit housing out and put to one side



4. The top side of the circuit board becomes visible, covered in a tailored rubber membrane. The membrane contains the metal contacts that when depressed by a switch close a circuit on the board to operate a window or mirror motor.

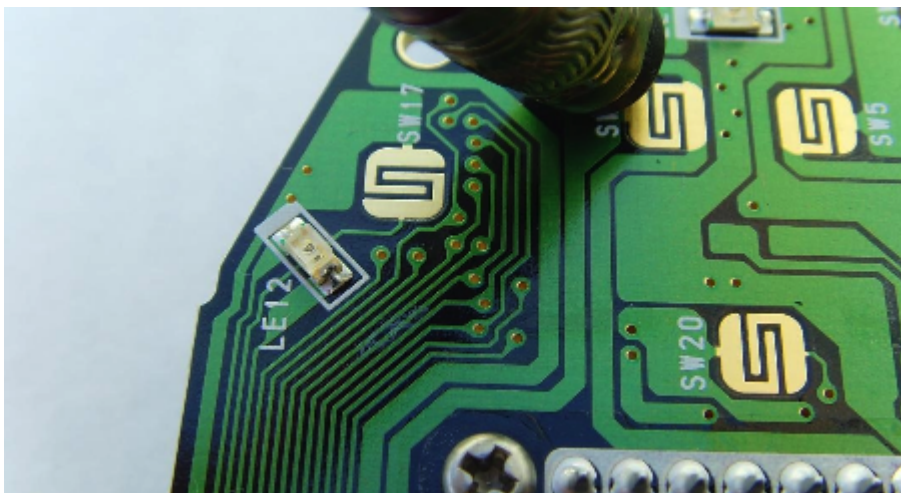
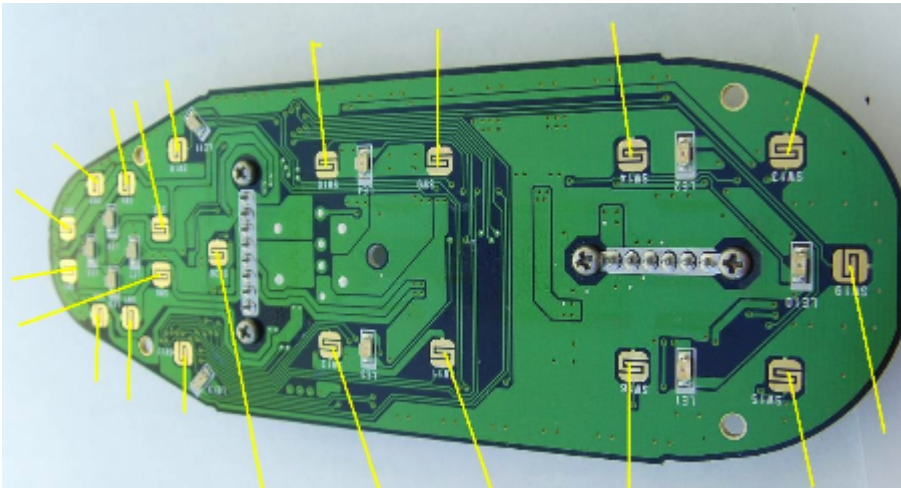


5. Remove the rubber membrane and wash carefully in warm soapy water – put to one side to dry.

6. Carefully remove the circuit board from the base unit. Using a pencil rubber or better a contact cleaner like this from Maplins clean each of the 20 switch contact areas on the circuit board.

Warning - when handling any circuit board do take anti static precautions - no walking around on nylon carpets with it in your hand etc. it is the sort of job best done whilst resting on an earthed surface - a stainless steel sink is probably the most suitable place in a modern home or use an anti static wrist band available from Maplins that you attach to a pipe or radiator.

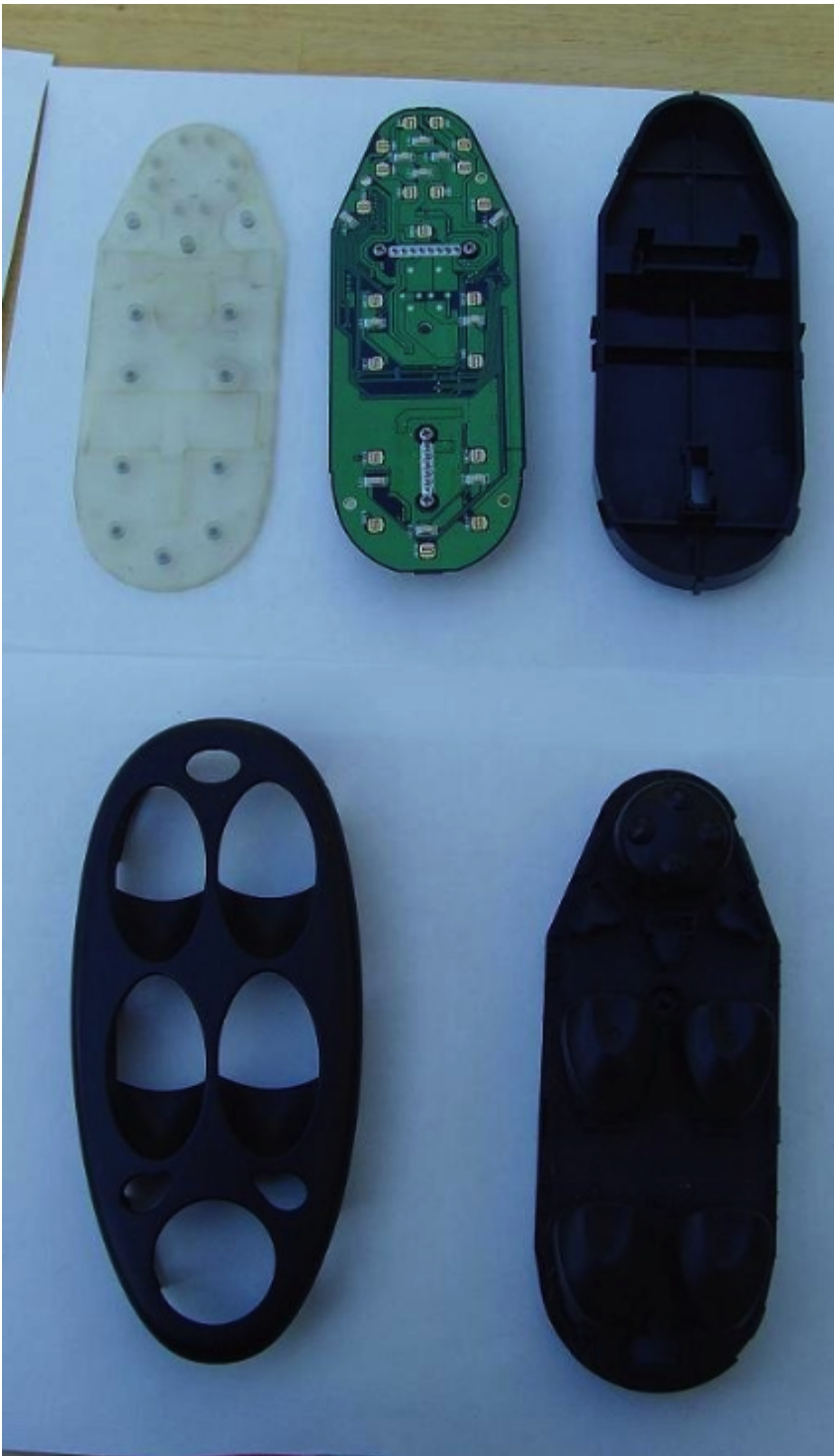
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7. Give the switches etc a general clean up, check the membrane is dry and then reassemble the unit being particularly careful to reinsert the clips without breaking them.

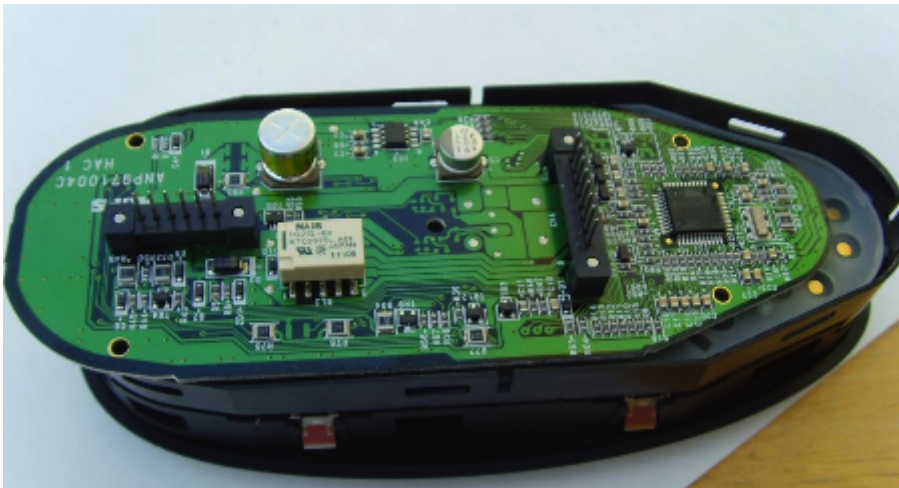
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The pic below show the parts that make up the unit. The bottom pic shows the reverse side of the circuit board and the two plugs that the electrical sockets from the door wiring loom attach to.



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8. Replace in car and test

Mike

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