

Dashboard light problem Volvo V70-2001

1. The light in the panel for adjusting dashboard lights does not work.
2. The light in the instrument panel do work (can be some delay after starting the car)

To check the panel for adjusting the brightness of dashboard lights do the following:



Take away the cover for fuses on the left hand side.

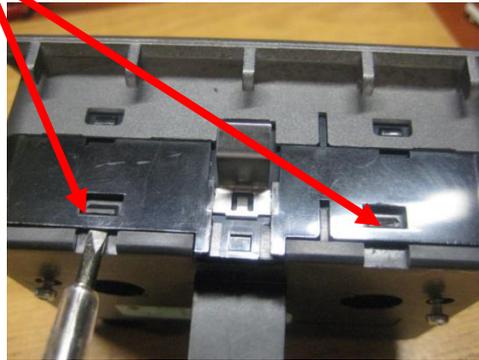


Inside you can feel some small plastic lockers on the top which you press down and at the same time press the panel out in the top from behind. Disconnect the cable in the back.

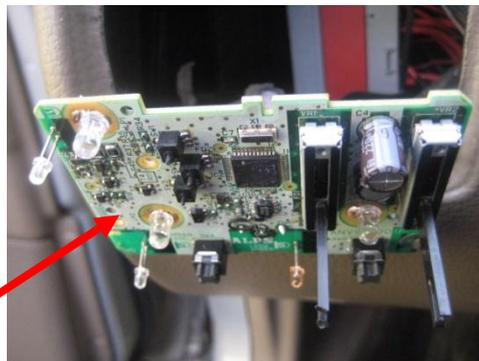


Loosen the 2 screws in the back of the panel.

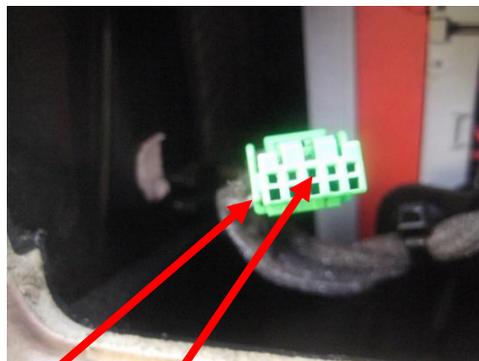
Bend up and out the plastic lockers to loosen the back cover with a small screw driver.



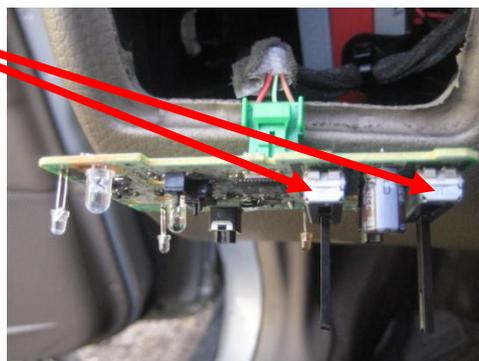
Do this on both sides.



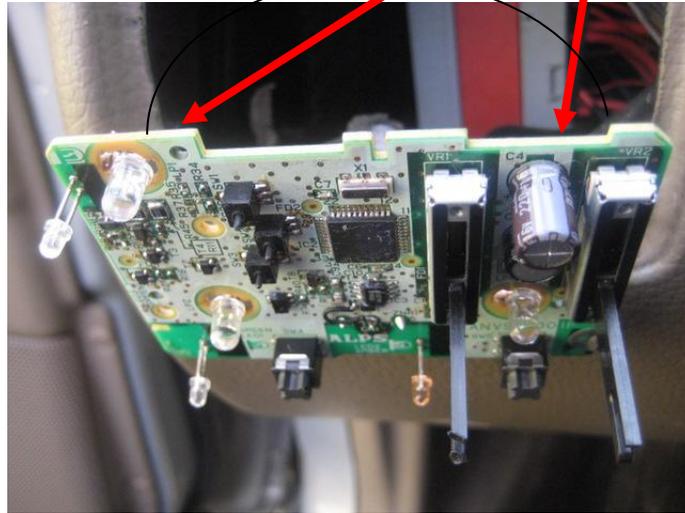
Take out the pc board.



On the picture you can see the connector and we will now connect back the pc board in this. Remember it is the upper row which you connect to and be careful you connect the right way. Notice the Varistors shall be to the left.



Turn on the ignition. Then you take the pc board between your hands and bend it back and forth to see if the lights goes on and it starts to work. If it does you can fix it by yourself if you are a little bit handy and knows how to use a soldering iron. You need a very thin edge on the soldering equipment as you will solder the PC board.

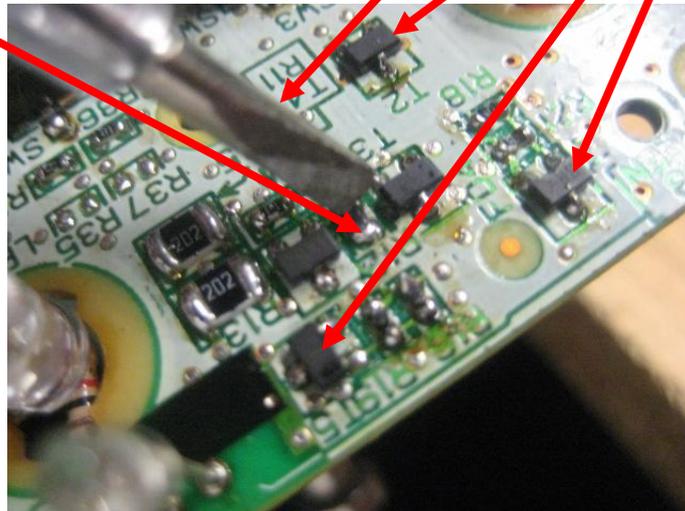


Before you start you have to “fix” the PC board so it does not move.

Then you start to “Warm UP” the solder points on the PC board, be careful. Start with the “Big” components.

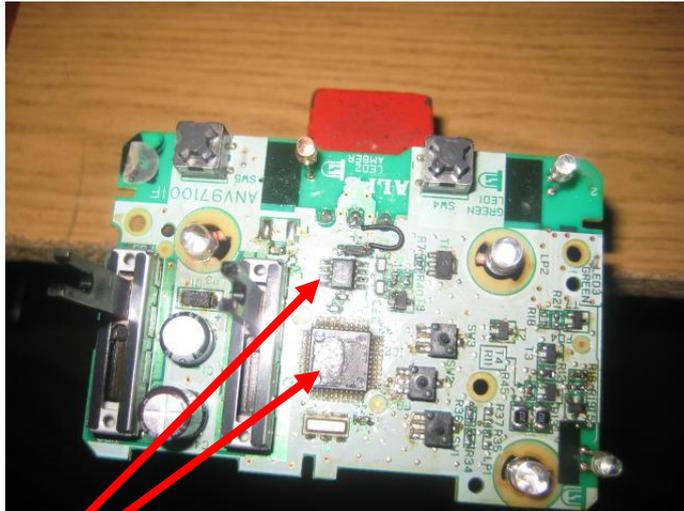
Warm up only for 1 – 2 sec. Do not overdo it.

When you come to the “Small” resistors you have to hold a screw driver on the resistor at the same time you “warm” it up, if not the heat from the solder iron will loosen the resistor from the PC board as all components are surface mounted.



As you see from the picture above this was the resistor which causes our problem in our car. We had to warm up the resistor until it come loose from the PC board and we put a little bit new soldering ten before we soldered it back again. But be careful, the resistors will very fast come loose from the PC board if you do not hold it with a screw driver the same time you warm it up, first in one end then the other end.

After soldering some components you can easily go out in the car and connect as we described before and test to see if it works, don't forget to bend to see if still there is some ban connections.



When you solder the IC's be very careful.

Any questions pls. send e-mail to smed@nasab.com (special machines electronic department) and we will see if we can help you.

You can also check out our web site <http://nasab.com/Volvo/tips-tricks.htm> where you may be can find some more interested tricks.

Good Luck!