

# How to make your own heated mirrors - INSTRUCTION

## What we need:

1. Heated mats 2 pieces
2. Double-stick tape
3. Double vein cable 2x0,75mm<sup>2</sup> 4 metres
4. Connectors 4 pieces

## Tools and others:

1. Torx T-20
2. Torx T-30
3. Pliers
4. Flat screwdriver
5. Knife
6. Insulates tape
7. Electric meter

## Part I - mirrors dismantling

We take off plastic casings from inside:





in



We unscrew the levers of regulator of mirror which it holds on on screw.:



We take off black delta and unscrew the last keeping mirror screw.  
We draw out from thin lines of regulator the rubber washer.



We take out mirror gently. We repeat whole procedure for second mirror.

## Part II - dissection mirrors and sticking mat

If you want to reach the glass handle, you have to firstly take off the plastic cover of the mirror. To do this, push the cover from the top gently.

Take the thin vice grips and pull the wire through the opening which you can see on the picture.



When it's jump down you have to push it to the red arrow direction. After that pull gently by the glass, using your hand. It's very important to do it gently.



At last the input of mirror is in hands. Take apart second mirror in identical prepare.

Now starts the most risky operation - separation mirror from plastic fixing.

If you want to use a drier nothing will happen - besides burns.  
Just simple prize open a plastic and pull to the other side then the mirror is.

If you do it correct everything should be like on the picture below.



You have to do the same thing with the other mirror.

From the plastic part of the mats it's simple to take off, but it's with from the glass.  
You have to clean the mirrors using acetone.

Now you can fit the mats to your mirrors. I chose the size of the mats about 5.6x3.2 inches.



After that if everything is ok you have to stick the mats to the glass and then you can connect the cable.

Firstly stick the mat's with the glass.



Next connect the cable and put the glass to the casing. It's not so simple, but you can do it



### Part III - set up mirrors.

You have to take off the upholstery from the doors (on both side).  
After that you can put the cables to the opening near the hinge. (needed torx T-30).



Then connect the cables to the electric installation in your car. Set up the mirrors to the doors.