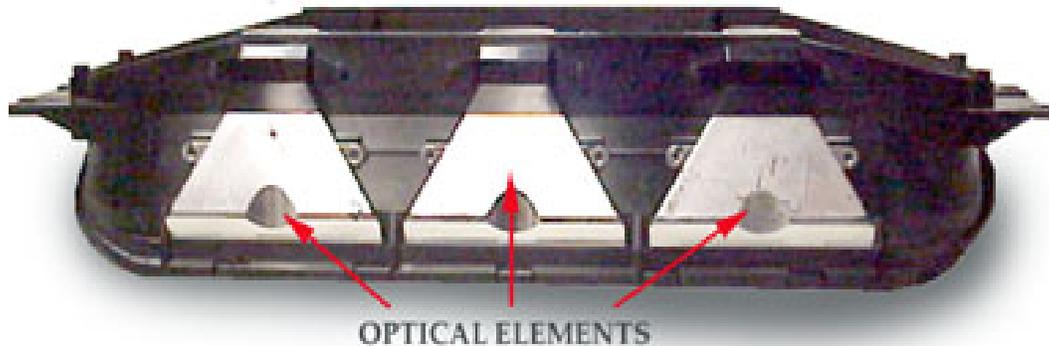


## 944 type CLUSTER AMBIANT LIGHT REPAIR KIT

Needed to complete the repair. Sharp Scissor. Cutting Blade, Acetone or Nail Polish Remover

Before you begin you must remove instrument cluster from the dash board.

944 VDO INSTRUMENT CLUSTER (bottom view)

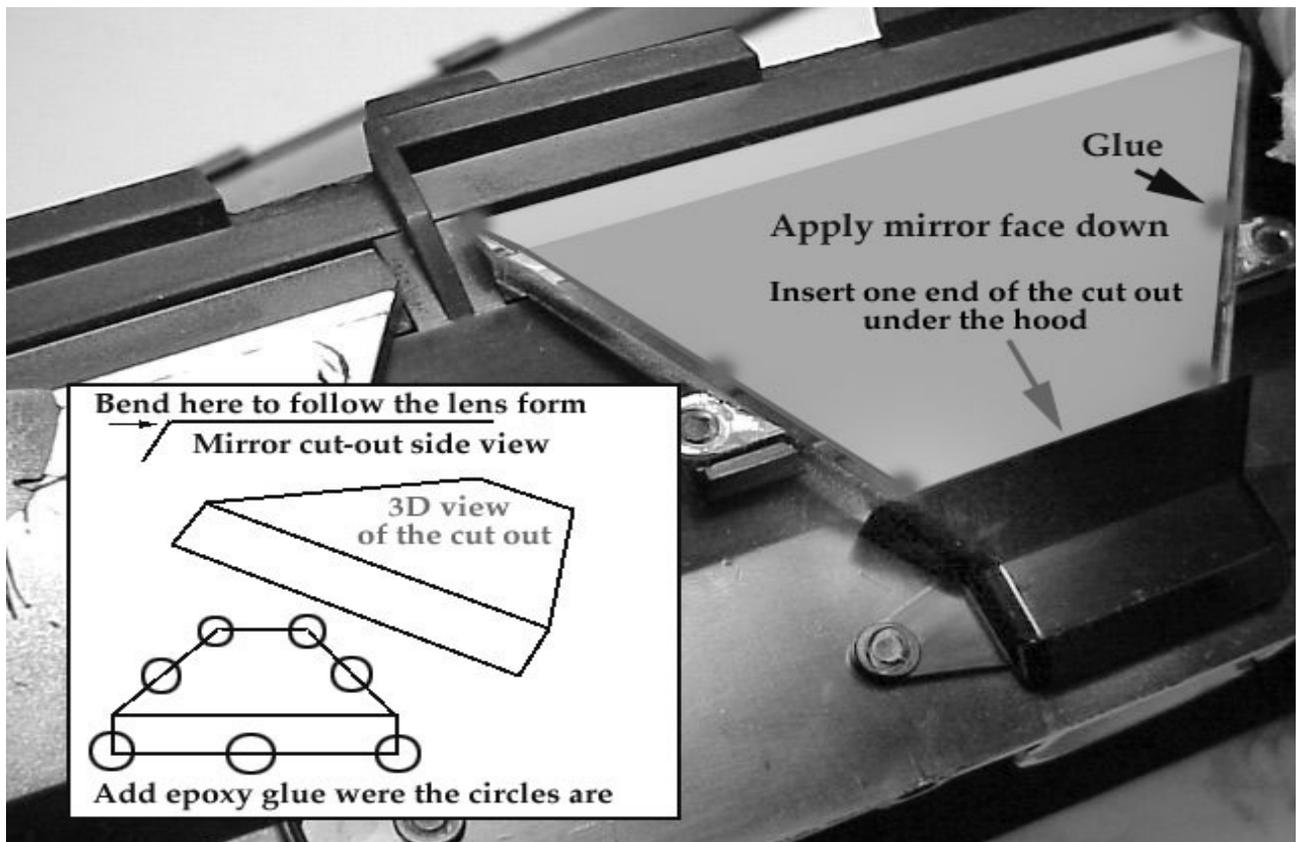


Examine optical elements. You need to remove old glazing on the top of the elements. Elements do not have to be removed at all. Use paper towel half dry\* soaked in acetone or nail polish remover. It will take you longer using nail polish remover since it is a diluted acetone. The glazing is on the top of the element facing outwards. The glazing on the elements exists on one side only. As you remove the old glazing you will see that the elements are clear.

**\*Please remember; do not soak the paper towel with too much acetone. It might drip into the cluster and ruined it.**

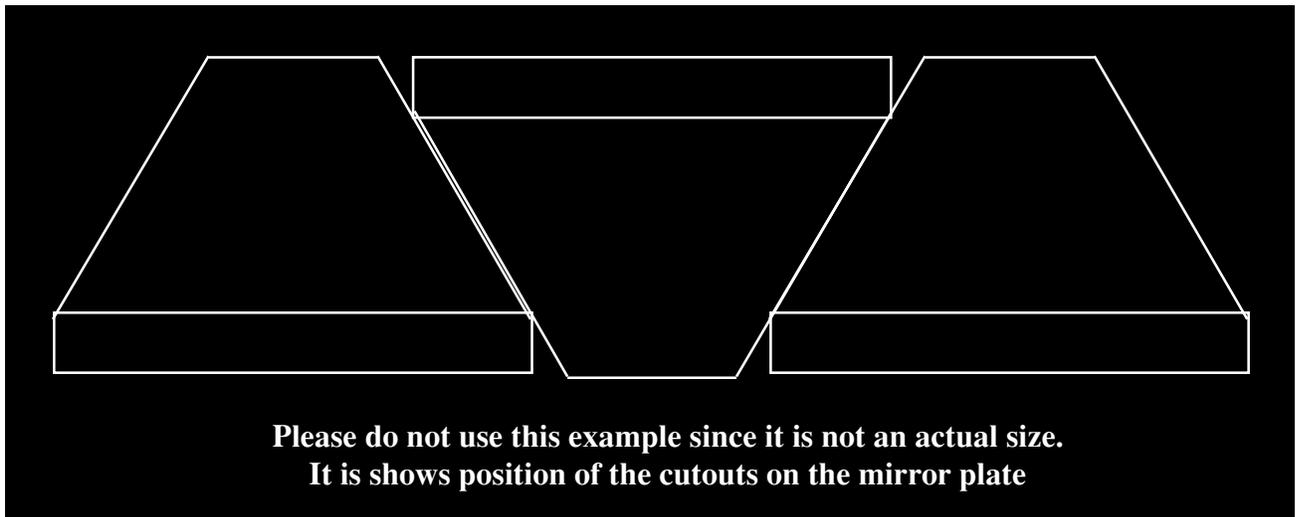


Do not remove glazing from the element's sides. After it is done take a piece of paper and create outline of the element with pencil 16th of the inch all around smaller than the actual piece. (Picture) Chart down 3 elements on the reverse of the mirror plate in this manner (picture)



Cut out the mirrors and apply it face (shiny side) down. Use pliers with 2 flat wood sticks used in icecream to bend one side of the mirror to match the shape of the element. Wood will protect mirror from scratching by the pliers. Use this wood between plier's lips and mirror plastic. In the place of the bent the mirror finish will crack it is OK. Holding each cut out in place, apply quick setting clear epoxy glue as shown. Remember the mirror must be flat down on the surface of the element with no space in between. Repeat the procedure on all elements.





When it is all done I recommend to clean all bulbs from dust and to take 12v DC adapter and connect it's contact to one of the ambient bulb's contacts on the cluster. Subsequently all ambient light bulbs will light up. You will be able to see your result right away. If you satisfied, cut out mylar pieces and glue them down on to the elements (picture)  
Enjoy your cluster

#### **A word about the material.**

This particular mirror is not a cheap piece of plastic. What makes it expensive is ability to cut this plastic with scissors. Most of the plastics will crack as you cut. This one will not. It took me a while to buy this material and it cost me more than a dollar or two-per supplied piece. The piece of mylar supplied, used in aviation industry and very resistant material to temperature changes.

NOTE: I cannot display here an actual template of the cut outs since the printing could vary in size from copy to copy.