

GLUE is required to secure the supplied lighting module into place, and is not included as part of this modification kit. Please read the instructions fully before commencing this modification.

NOTE: Ensure that all courtesy lights are switched off during this modification. They have been illuminated for illustrative purposes only.

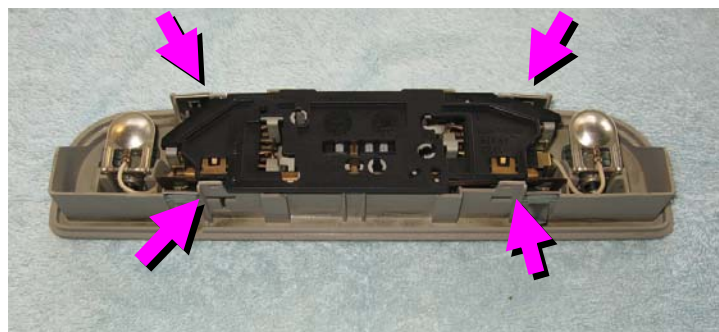
The standard A4(B6) rear interior light:



To remove the rear light assembly insert a flat blade screwdriver in line with the switch edge, gently pull the light assembly from the roof and release the attached cable, (there is a small cable release lug nearest the front face of the light assembly.):



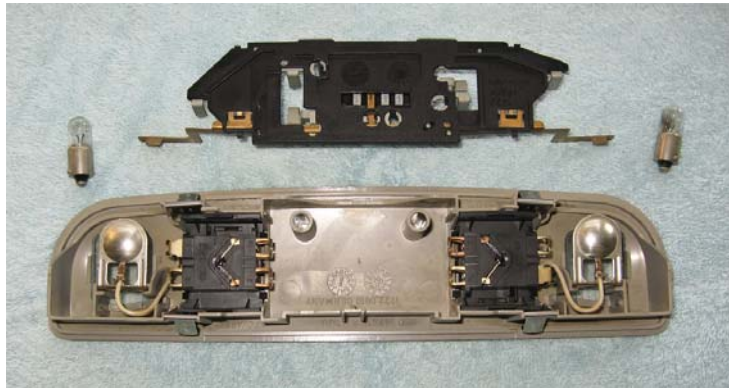
The rear of the removed light assembly:



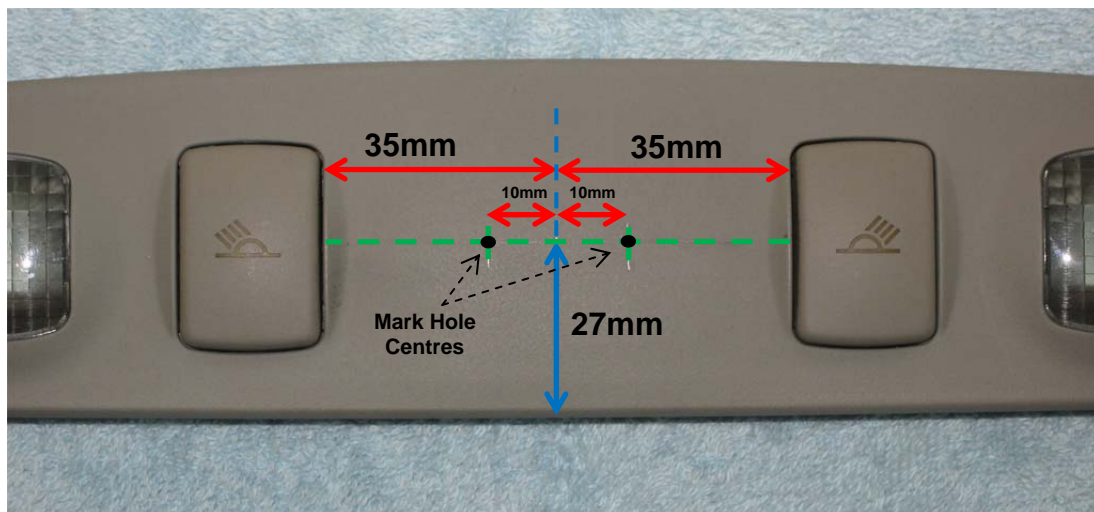
The "black" back plate needs to be removed and is held in by four outer retaining clips shown by the arrows. Release the clips in turn and gently pull the outer cover away from the black plastic rear to release the back plate.

The two interior light bulbs may drop out or can be released by aligning their bayonet pins with the respective fixing slots.

The rear light assembly in it's component parts:



We now need to mark the holes prior to drilling:



Drill a pilot hole of 1.5mm to start off with:



Open up the drilled holes using the following drill sizes in sequence:
2.5mm, 3.5mm, 4.5mm, 5.5mm, finishing with a final hole size of 6.5mm.



You may wish to gently chamfer off the outer surface using a countersunk bit. This will give a soft rounded off finish to the outer hole.

TIP: If you have a "Black" light assembly then the base colour grey plastic will show where you have drilled the holes. Use a Black Permanent Marker Felt Tip pen to colour code the drilled holes.

The next stage is to glue the light module into place.

My recommendation would be to use a "Hot" melt glue gun such as the

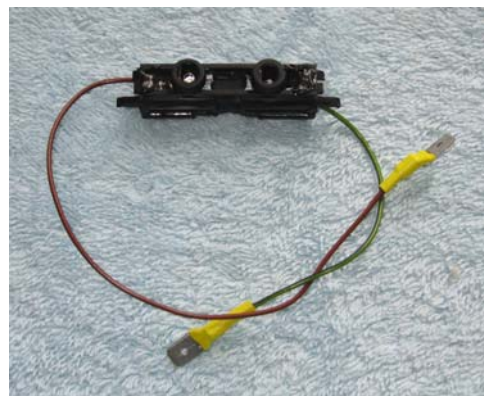
Loctite Hot Melt Glue Gun

You may wish to use an alternative glue type at your own discretion.



The supplied light module is a modified Audi front Ambient light module. There are two red LED's, with one facing slightly forward and the other slightly backward. The wires have been re-terminated with a suitable connector to be used on the rear interior light cluster without the need to cut into any existing wires of your wiring loom. To allow fitting into the rear light assembly the centre section of the rear casing of this lighting module has been cut away so not to interfere with the back plate assembly connector plug.

The rear ambient light module:



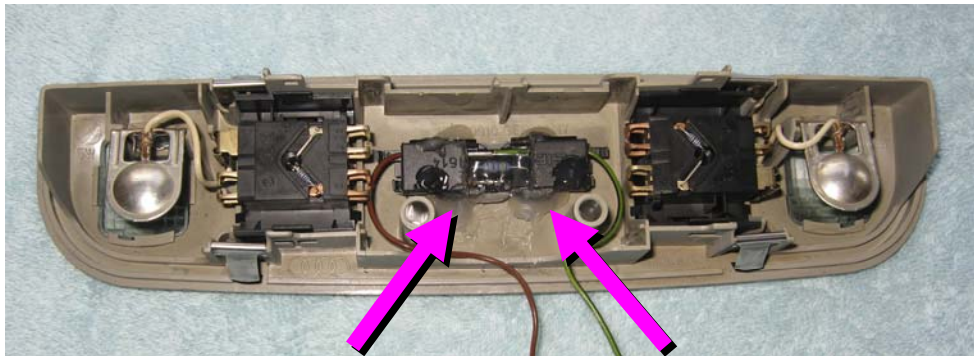
Note: Some kits may have 'blue' heat shrink in place of the 'yellow' heat shrink shown in the picture.

Orientate the light module with the curved surface towards you, with the light module Brown/Red wire on the left and Green/Black wire on the right.

Hold the light module in place by your thumb on top and your finger underneath the light assembly. Check that the LED portal on the outer side of the rear light assembly is centrally aligned.

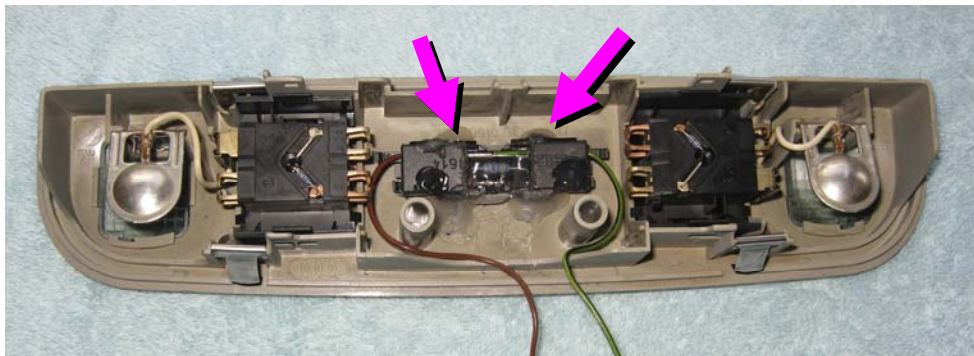
CAREFULLY apply "Hot" glue in the two positions indicated by arrows below, the glue should make contact with the light module and the light assembly.

Do not allow the glue to flow into the LED portals.



After around 5 minutes the glue should be cold enough to hold the light module in place. But be carefull as the glue could still be hot and the module not secured.

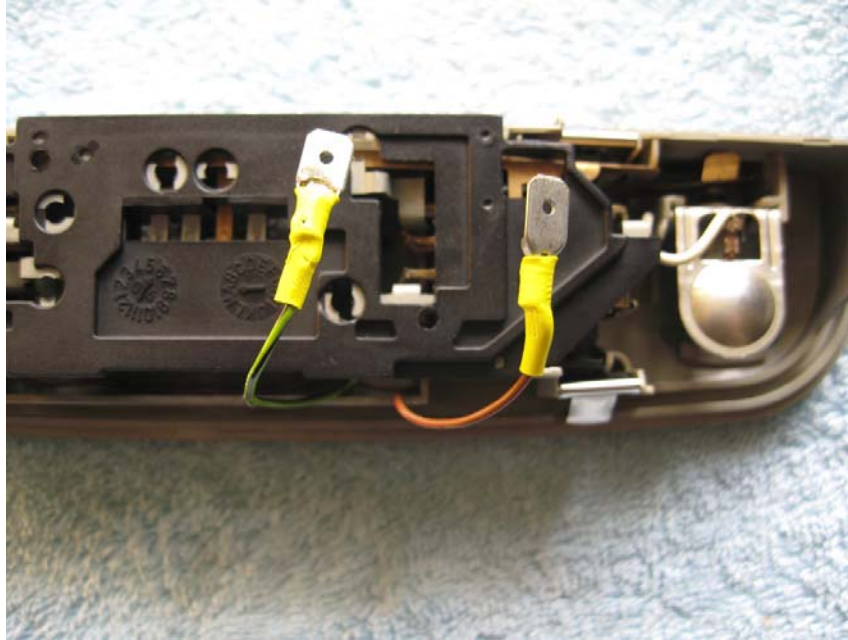
The second stage of gluing is to **CAREFULLY** apply "Hot" glue in the two positions indicated by arrows below, the glue should make contact with the light module and the light assembly.



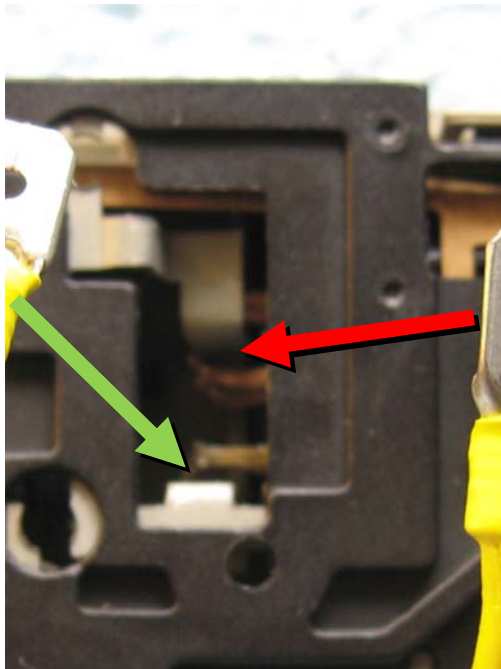
After around 5 minutes the glue should be cold enough to hold the light module in place.

Thread the two wires in the general direction as shown above.

Re-attach the rear "black" plate of the rear lighting assembly, and thread the wires to the right side of the light assembly as shown below. Also remember to reinsert the two small bulbs for the reading lights into their bayonet fittings.



Look into the recess between the two pictured wires, you will see two "friction" connections to the switch below. Here is a closer look:



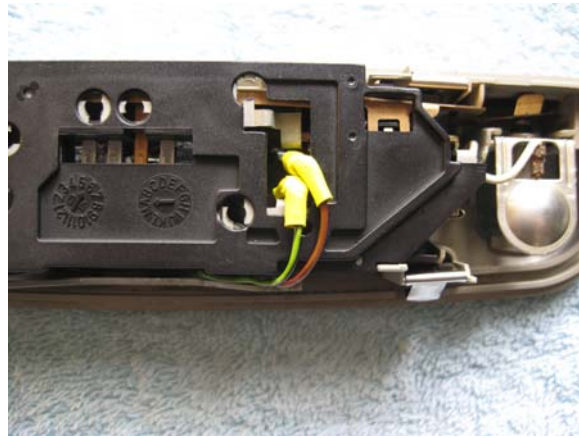
The Green/Black wire needs to slide in between the switch connector and the back plate metal as shown by the "GREEN" arrow.

The Brown/Red wire needs to slide in between the switch connector (copper colour connector) and the back plate metal (grey colour) as shown by the "RED" arrow.

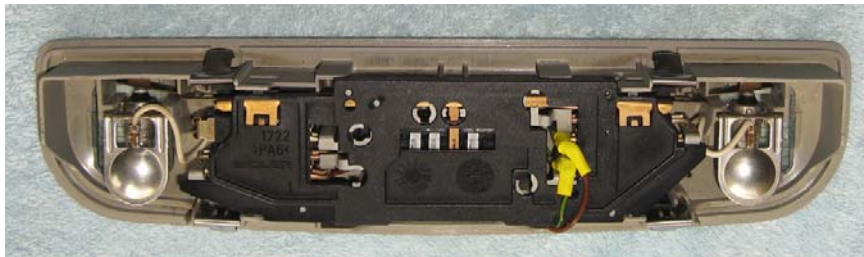
If the wires seem to be a little loose then use some long nose pliers to close the gap of the connectors located on the switch below in the recess.

The yellow heat shrink on the connectors should ensure the two wires are insulated from each other. Check there is no break in the insulation of these connectors before proceeding.

Tidy up the wires as shown below:



And the rear of the light should now look like this:



And the front like this:



And fitted back in the rear of the car, with car side lights switched ON:



DISCALIMER: No responsibility can be taken by the author for the accuracy of these instructions. This illustration is based on an Audi A4 (B6) 2001 model, and shows the steps the author took in fitting this modification. The author can not be responsible for any damage caused by individuals undertaking this modification.