

# Auto Dimming Rear View Mirror

The mirror will work with a minimum connection of only two wires -

- RED = 12 Volt ignition live
- BLUE = Earth

The earth can be obtained from the Brown wire on the light cluster or if you don't want to break into the wire then a suitable metal bolt can be used or run a wire from the radio with the 12 volt ignition live

The 12 Volt ignition live can be easily obtained from the back of the radio or direct from the fuse box in which case I suggest using a piggy back fuse holder.

## Optional Wiring

- YELLOW = Connect to a 12 volt source to prevent dimming of the mirror e.g. connect to the rear reversing lights to undim the mirror when in reverse gear (To be honest if I was going to have to run a wire from the rear light cluster to the mirror I would not have bothered, but I have a reversing camera on my head unit and as such there is a feed from the reversing light to the head unit so it was easy to run a wire to the mirror along with the 12 Volt ignition live)
- GREEN = Connect to earth to prevent dimming of the mirror

## Fitting

The original Audi mirror and mirror stem needs to be removed by gripping the mirror stem and rotating anti clockwise through 90 deg

Whilst the mirror is removed clean the inside of the windscreen glass above the mirror to the head lining with a little meths or similar to remove all grease and silicon etc

The Auto dimming mirror attaches to the windscreen by pushing in place and turning clockwise through 90 deg.

Thread the cable from the mirror through the hole in the trim piece and then fit the trim piece without removing the backing from the 3M tape, mark where the cable will exit the trim piece and enter the head lining, then poke a small hole in the lip of the head lining to accept the cable.

Remove the interior light and pull the cable through the hole in the head lining and out of the hole where the interior light fits, you can use a wire coat hanger or similar and some sticky tape to help pull the cable through the head lining.

Next remove the backing tape from the trim piece, (if the glass is very cold gently warm the glass with an air drier) then position the trim piece and push it against the glass until it is stuck all the way around.

The easiest way to get the 12 Volt feed etc to the mirror is by threading a wire up the passenger side A pillar, use the wire coat hanger and tape to get the wire from the interior light in the head lining to the A pillar, then tuck it behind the A pillar trim and down the side of the dash to the glove box, then around the back of the glovebox and finally into the centre of the dash and to the radio.

If you are picking up the 12 Volt feed from the fusebox then it's easier to go down the drivers side A pillar to the fuse box.

Finally make the connections to the mirror wiring loom and solder and insulate using heat shrink tubing. Re fit the interior light assy

There is a button on the bottom of the mirror, ensure the button is pressed in to turn on the Auto Dimming feature (I always leave mine turned on). There will be a low powered green LED on the mirror frame to indicate that the self dimming feature is active.

The mirror will monitor ambient light front and back and when dark and light enters from the back of the car the mirror glass is progressively dimmed.

In use you never really notice the mirror dimming, just that you are never dazzled and never need to reach for the little latch on the std mirror to prevent dazzle.