

REAR QUAD LIGHT CONVERSION

First job was to remove existing lights and give them several coats of car wax, then I used putty to stop any under-cuts which would make it impossible to remove them from the mould.



I then made two casting boxes and using fine casting plaster, the lights were cast.



Casting Box



Cast light



I then sourced the L.E.D. lights of suitable diameter. I found a cylindrical container a little bigger than the diameter needed and made 4 castings for the light apertures.



Next job was to work out the exact angle of the apertures and this was done by making tubes out of stiff card of the same diameter, then holding them against the existing rear

lights which after cleaning down I had fitted back on the car. The tubes were then scribed so the apertures and new LED's would sit correctly.



The card tubes were then used to transfer the angle to the aperture castings and then cut and moulded onto the main light pod casting.



Casting with apertures.

I then applied a primer/sealer and 3 coats of cellulose paint. When dry I applied about 12 coats of car wax and a coat of PVA to assure the mould would release.



Next job was to pre-cut the fibreglass matting.



The mould was then gel-coated and layered up with fibreglass, left to dry for 4 days then released from the mould.



Released from the mould.

The new light pods were then prepared and primed. L.E.D's were checked for fit.



Next - off to local body shop to get them sprayed.



Finished!