



VISIONTECH AUTOMOTIVE

# Rear under light flap fitting instructions

## For VW Tailgate T5/T5.1 & T6/T6.1

TOOLS REQUIRED: DRILL, DRILL BITS (PILOT, 2.5MM, 5MM), RIVET GUN, DREMEL OR OTHER PLASTIC CUTTING TOOL, SILICON SEALER OR SIMILAR, 2.5MM ALLEN KEY, SMALL PHILLIPS SCREW DRIVER

PLEASE NOTE: ALL TIGHTENING OF BLOTS ON HINGE AREA MUST BE HAND TIGHT ONLY, THEN BACKED OFF. THIS IS A MOVABLE PART, SO MUST BE ABLE TO MOVE FREELY.

### 1. Mounting the hinges to back plate



Please see correct hinge layout. Note the indentations on top outer edge (marked in yellow for this example). Dont over tighten as hinges need to move freely. Add 2 screws top and bottom. Dome head machine screw.

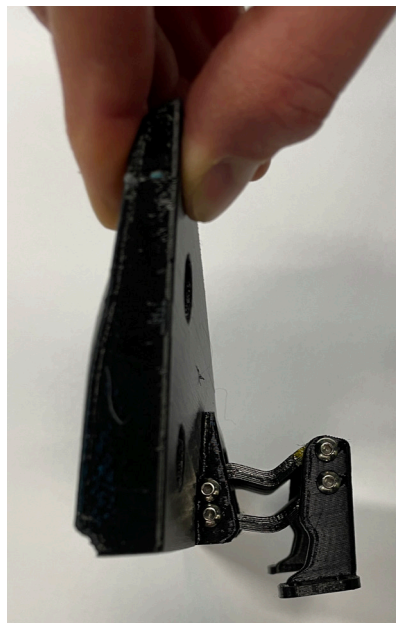
**NOTE: (NEAR SIDE DOTS AT THE TOP - OFFSIDE DOTS AT THE BOTTOM.)**



### 2. Mount outer hinge plate



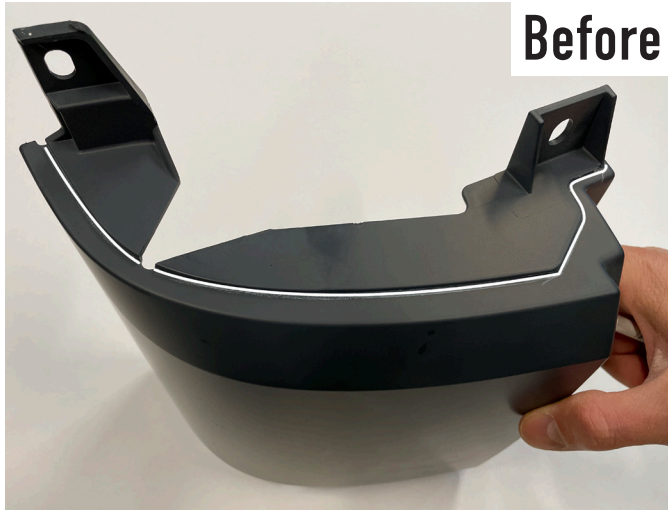
Please note orientation of parts. Dome head machine screws.



### 3. Cutting OEM Under Light Cover

Remove your under light cover to follow these next steps. Cut out using dremel or other DIY tool. Please see highlighted areas of where to cut.

#### Top View



#### Side View



#### Bottom View





## 4. Removing rear light



## 5. Locating the main panel



Place and hold your main hinge panel in place. To get this panel in the correct area locate the right hand side tight against the body work. Please see picture for reference.

Once in place mark out 3 holes onto the body work.

## 6. Drilling the holes



Pilot drill the holes you have marked out from the previous step.

Next drill through with 5mm drill bit.

When drilling top right hole be aware that there is a second bodywork skin,

**DO NOT DRILL THROUGH SECOND SKIN.**

## 7. Securing the plate

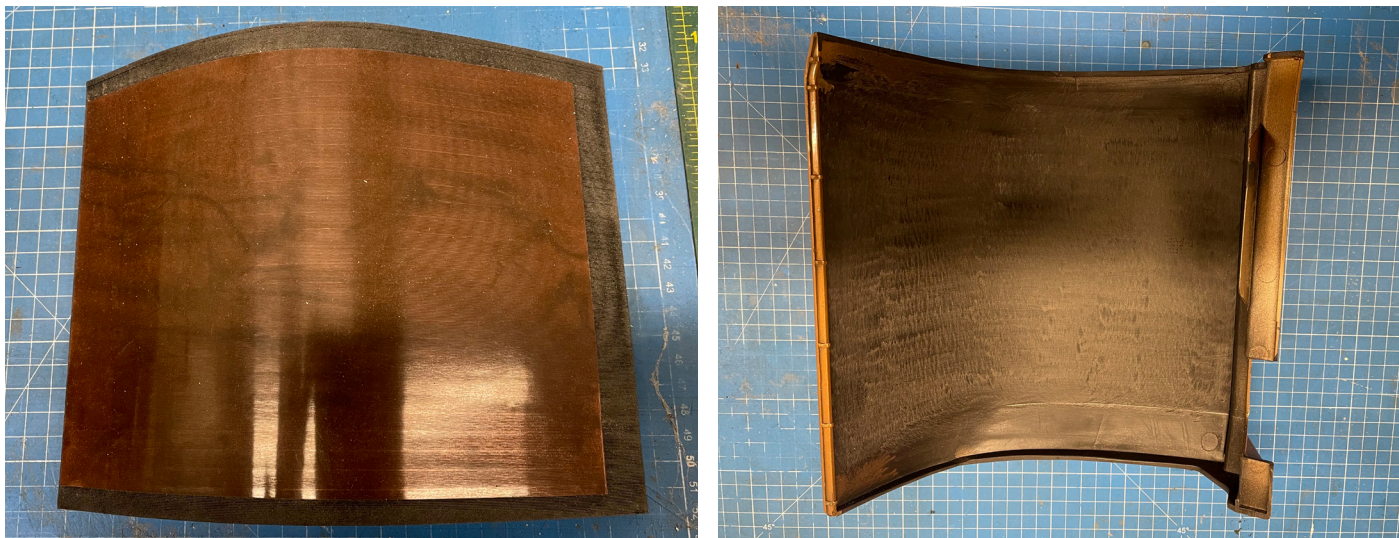


We recommend applying some silicon or mastic around the holes before securing with the rivets. Use 3 peel rivets (supplied) to secure the panel.

**TOP RIGHT RIVET WILL NOT GO ALL THE WAY IN UNTIL YOU START PULLING RIVET TIGHT WITH RIVET GUN.**

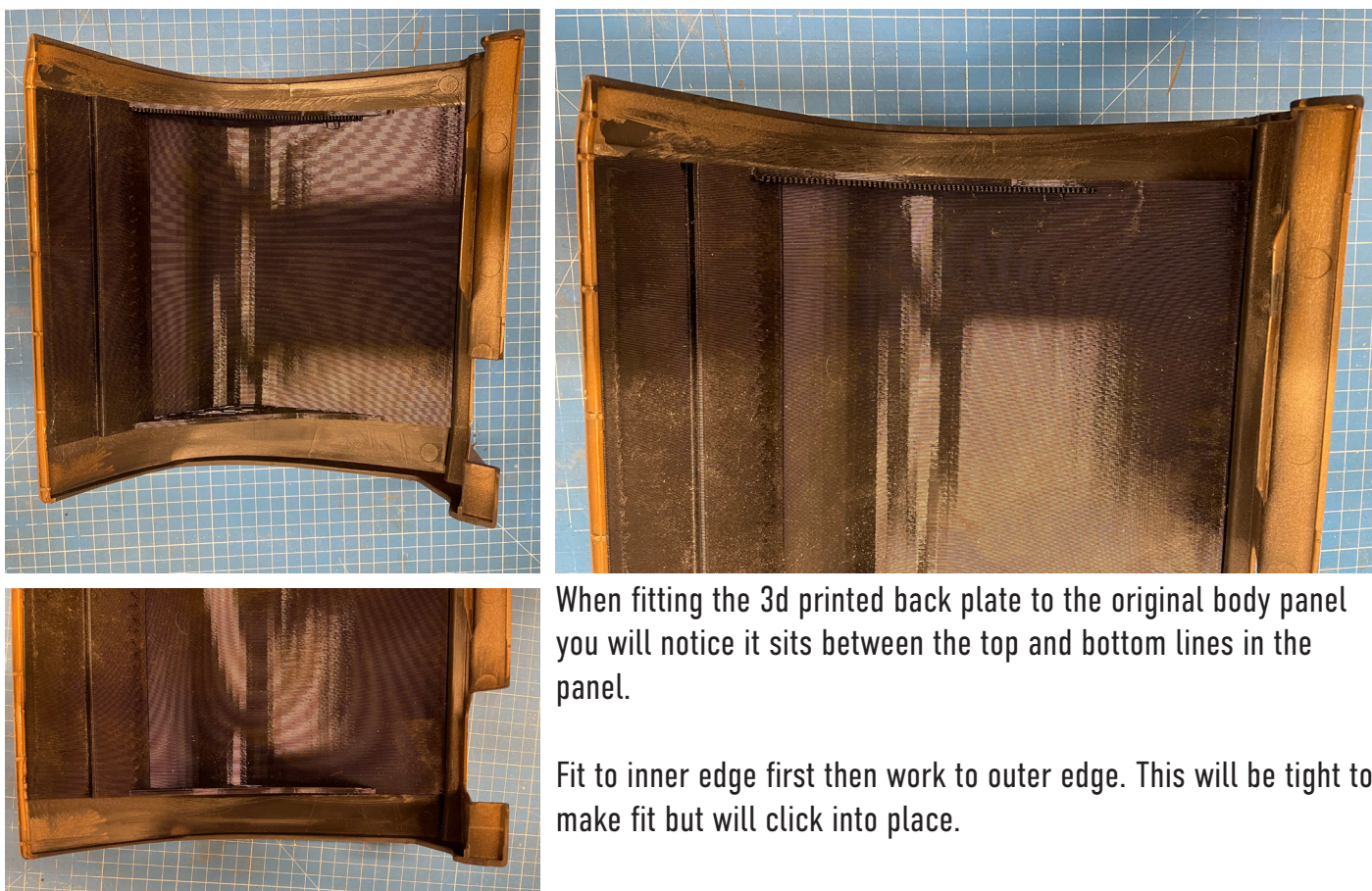


## 8. Applying adhesive



Clean all plastic surfaces before applying any adhesive. Clean back of 3d printed flap seen in image 1. Then clean inside of OEM panel. Once cleaned apply double sided glue sheet to back of 3d printed panel as seen in image 1.

## 9. Fitting up inner panel



When fitting the 3d printed back plate to the original body panel you will notice it sits between the top and bottom lines in the panel.

Fit to inner edge first then work to outer edge. This will be tight to make fit but will click into place.



## 10. Fitting the flap



Place flap onto vehicle and gap correctly using body swage lines. Once you are happy with the placement open up the flap and mark hinge location. Spot drill holes for hinge fixings. Use No6 1/4 flanged black screws top and bottom to fix hinge to door.

## 11. Re-fit Light



Refit the rear light and check movement of the rear door.

If the rear door catches you can adjust it slightly.

You can do this by opening the door up and adjusting the screws on the hinge as the holes are slotted. This allows for some small adjustments.

## 12. Fit Magnetic Catch

Mounting the magnet catch to tailgate side of original panel using the two short self tapping screws.

Must offer up and mark before drilling a 2.5mm hole, this will ensure a flush fit.

