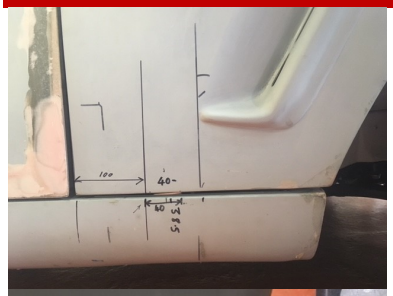
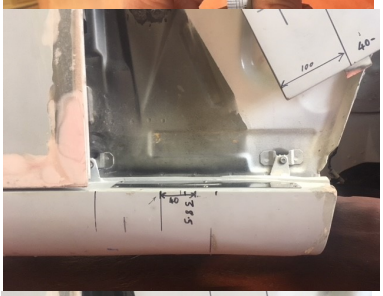
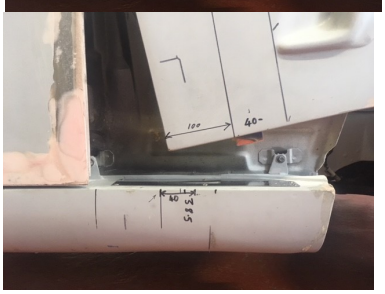
Grassbank

One step closer...

Bonnet/Sill Alignment Plate.
Fitting Instruction







1/ Mark both the bonnet and sill with a vertical line of tape or pen so you know where to cut the sill slot later. We set the back of the peg/slot around 100mm from the back edge of the bonnet.

2/ Fit the pegs to the bonnet. Align the back edge with the line you've just drawn. The bottom 2 screws need to be about 5 or 6mm up from the edge so the peg has enough working length to do its job. (The fibreglass is thicker in the corner too so is better for the threads)

Mark the 5 holes and drill out to 3.3mm. Use an M4 tap to run a thread into the holes. We use a battery drill to hold the tap because it just works (other tap holding methods are available). The fibreglass will take a thread better than you would imagine but 5 fixings spreads the load all the same. JUST DON'T OVER TIGHTEN THE SCREWS (PUT A BIT OF EPOXY ON THE THREADS IF YOU'RE WORRIED ABOUT PULL OUT).

The peg should have a slight twist in the centre fit the pegs so that the working edge is parallel to the sill. (the inside edge of the bonnet tapers)

3/ Now measure the distance from the outside of the bonnet to the outside of the fitted peg. If the corresponding sill slot is the same distance from the sill edge then the bonnet should pull into alignment when it closes.

Transpose that measurement onto the sill so that you know where to cut the outside of the sill slot. Don't rush to fit the sill Escutcheon plates yet. Cut the sill slot in the fibreglass first so if it needs adjustment you can do that before committing to the Escutcheon Screws. Don't forget to put a lead-in in the front of the slot so the pegs are in the slot before they start to draw the alignment together. Its useful to have a friend to lower the bonnet at this stage so you can watch the peg approach and enter your slot as the bonnet closes. Adjust the slot accordingly.

4/ Lastly, and only when you are happy with the alignment, Fit the Escutcheon plates. Leave a 5 or 6mm gap in front of the peg in case you ever need to move the bonnet back.

Again, we use M4 tapped holes . Take extra care though as the fibreglass is often pretty thin on the sill tops. Don't overtighten and use epoxy on the threads if really needed.

Just ask if you need clarification…