

## Rallye cover layout and cutting guide

For those of you who wish to do your own seat repairs, this small guide will show you **one** way of laying out your pattern pieces in order to get the most effective use of the material

The grain of the cord is important and runs in the Y direction, i.e. down the roll.

The parts are labeled as follows:



Figure 1 - the main seat components

### Thigh bolster (left and right):

TB01 the outer (and largest) section

TB02 inner piece, front

TB03 inner piece, rear section

TB04 the attachment fillet (attaches the bolster to the main seat insert)

and

### Backrest (squab) bolster (left and right)

BB01 inner section, main piece

BB02 inner top section

BB03 the main outer section

All parts are handed and must be flipped (in the y axis) to obtain the complementary part. (see fig 2.)

Along with these parts we have the seat inserts, both for the cushion and the squab

FSC01 Cushion insert

FSS01 Squab insert

And

HR01 Headrest body section

HR02/3 End cap sections (left and right)

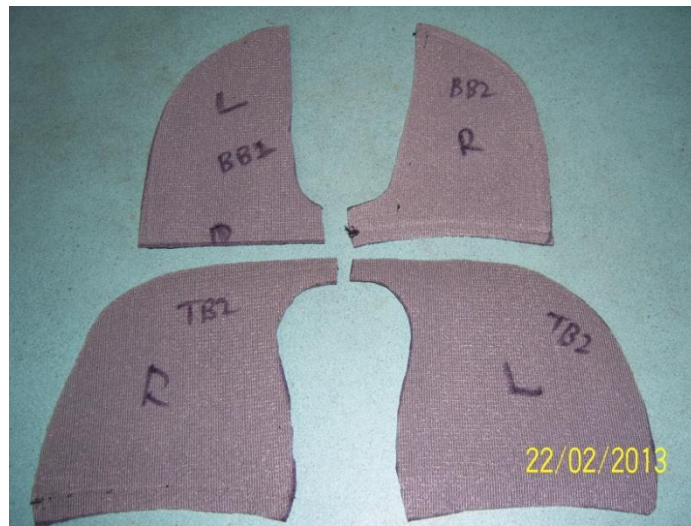


Figure 2 layout showing the y axis flip

Each item is a single seat element with the exception of part TB4, the attachment fillet, which is 2 parts (left & right) placed together thus:

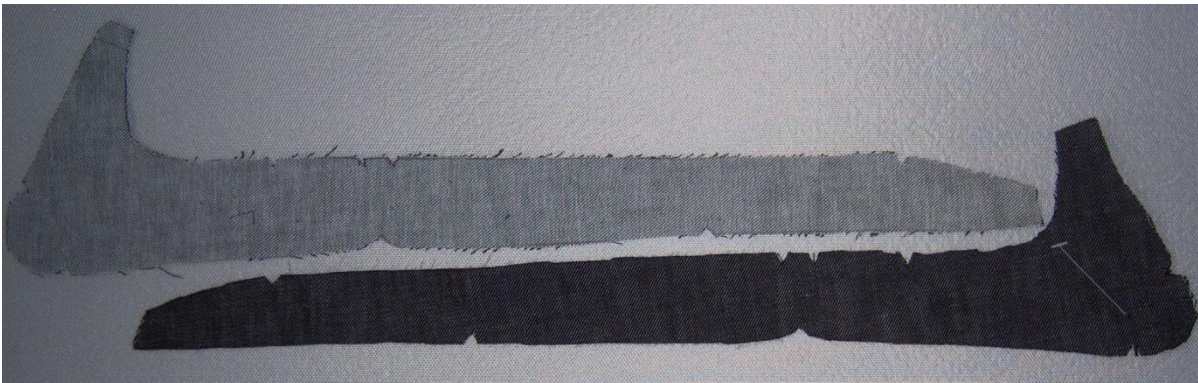


Figure 3 the fillet component, comprising of 2 sections

Each element of the layout schematic is its equivalent outer rectangle, that is to say the maximum size rectangle to contain the part itself. The parts are all irregular in shape and thus there may be spare within the rectangle to reposition or even add more components. I will show you , one possible layout, there will be others.

I have included various layouts applicable to the Rallye, including 1 front seat full set, 1 set of bolster covers, and one set of front seat inserts. (see appendix A). Pattern nesting can be done in many ways but usually some common layouts will occur.

## Appendix A

The components are sized as follows: X x Y cms

TB01 22 x 46

TB02 17 x 20

TB03 17 x 34

TB04 15 x 57

and

BB01 22 x 54

BB02 13 x 20

BB03 26 x 59

One seat requires 2 off TB(n) and 2 off BB(n) along with the cushion and squab inserts.

The inserts measure as follows:

Front seat cushion insert – 33 x 67

Front seat squab insert – 37 x 67

And for the headrest,

Main body section HR01 – 34 x 45

End cap (R) HR02 – 13 x 19

End cap (L) HR03 – 13 x 19

The layouts that follow are shown in increasing material allocation i.e. 1,2 and 3 **RU**'s

Thus, we have:

## A.1 – 1 RU layouts

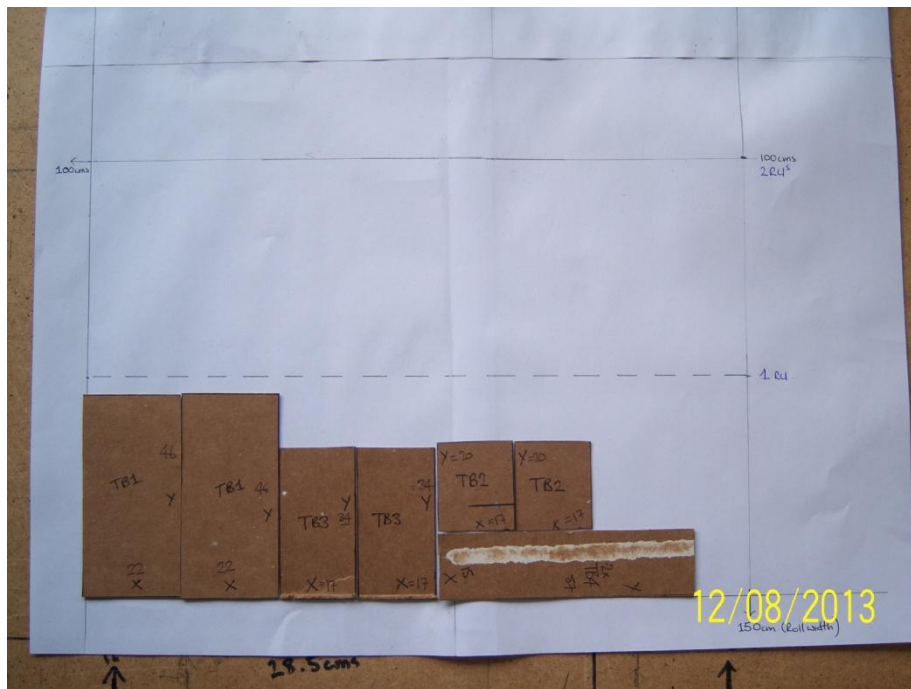


Figure 4 1 fillet reversed thigh bolster layup

In this layout, fillet piece TB4 is rotated through  $90^{\circ}$  in order to fit it in. This will mean the cord pattern is rotated as well. If this is acceptable then use this option for a bolster repair.

And the headrest layout:

Where HR01 is 34 x 45 cms, HR02 & 3 are 13 x 19 cms, grain in Y axis

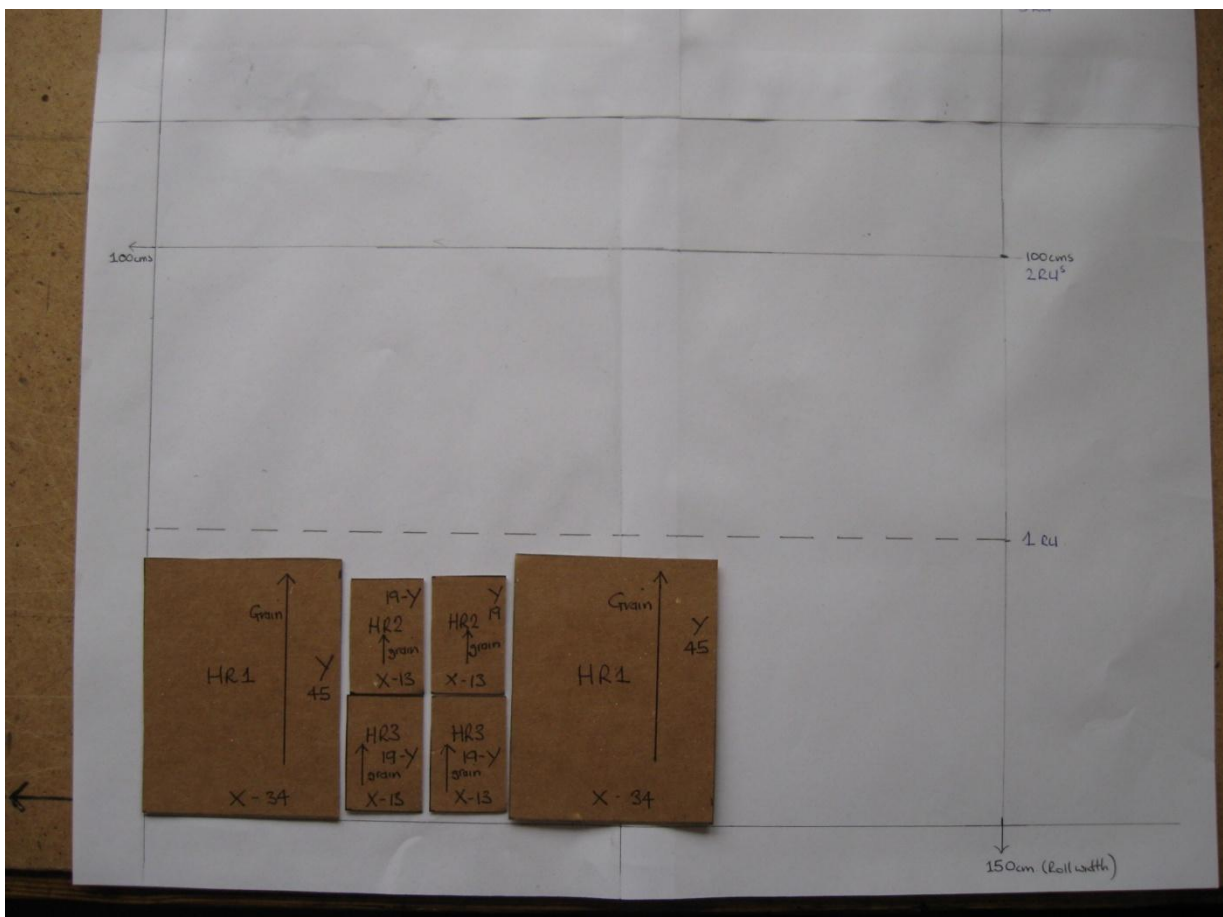


Figure 5 2 x Headrests layup



## A.2 – 2 RU layups

1)

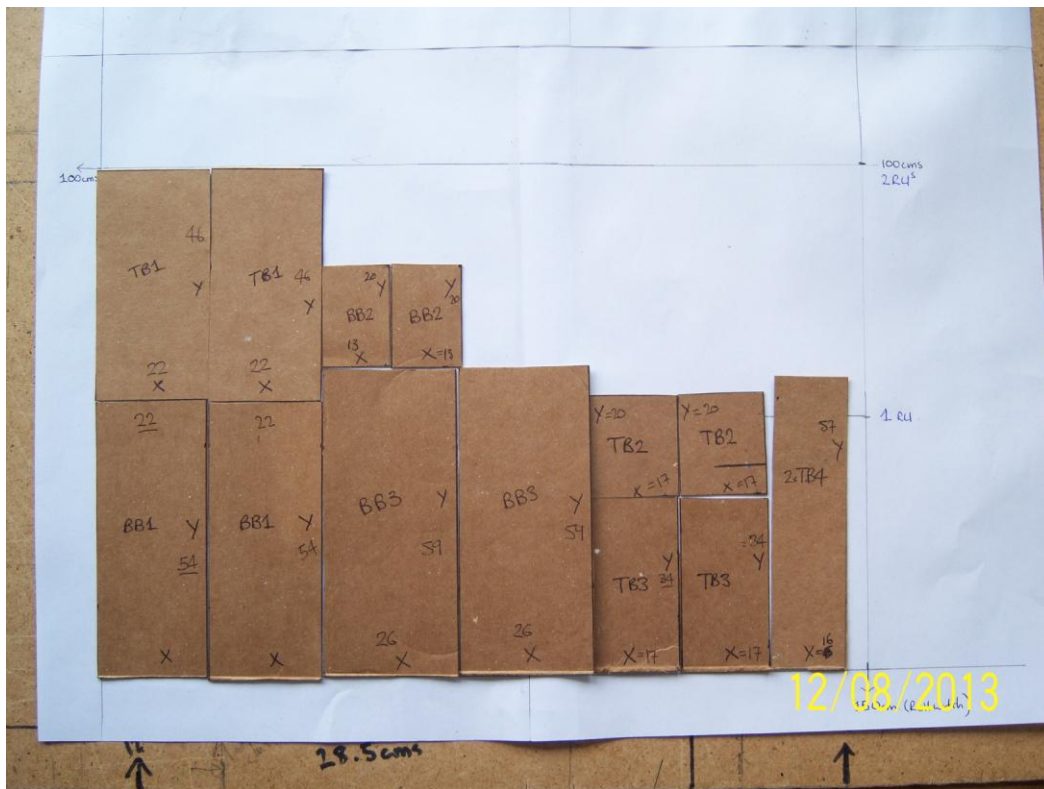


Figure 6 Full set of bolsters for 1 front seat

And

2)

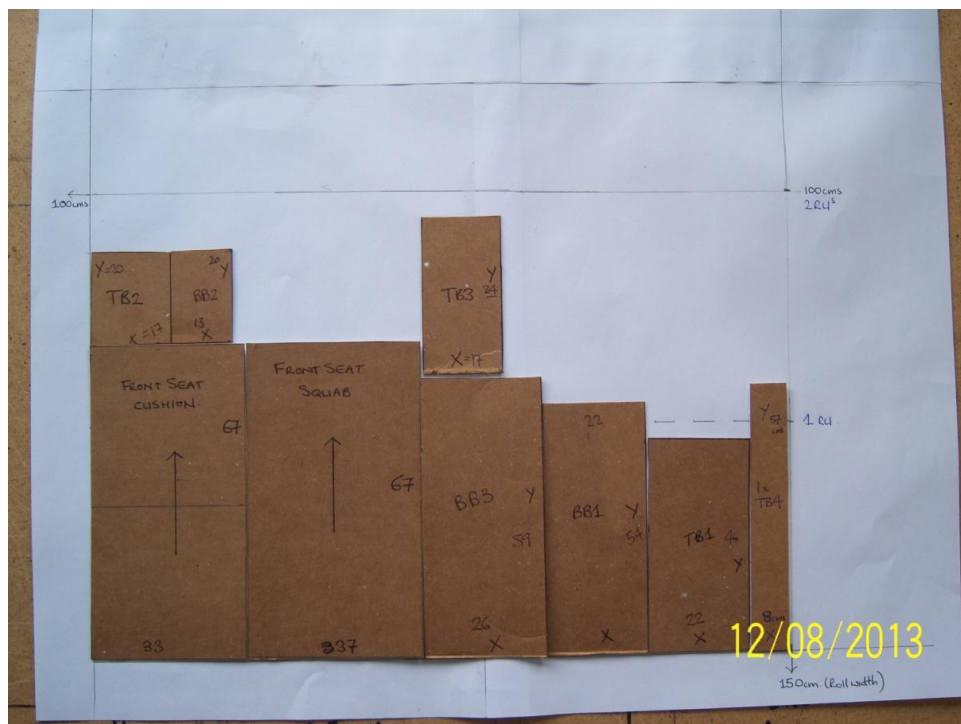


Figure 7 1 pair of inserts + 1xTB and 1xSB



And last but not least:

The backrest only layup:

2)



#### A.4 – The rear seat setup

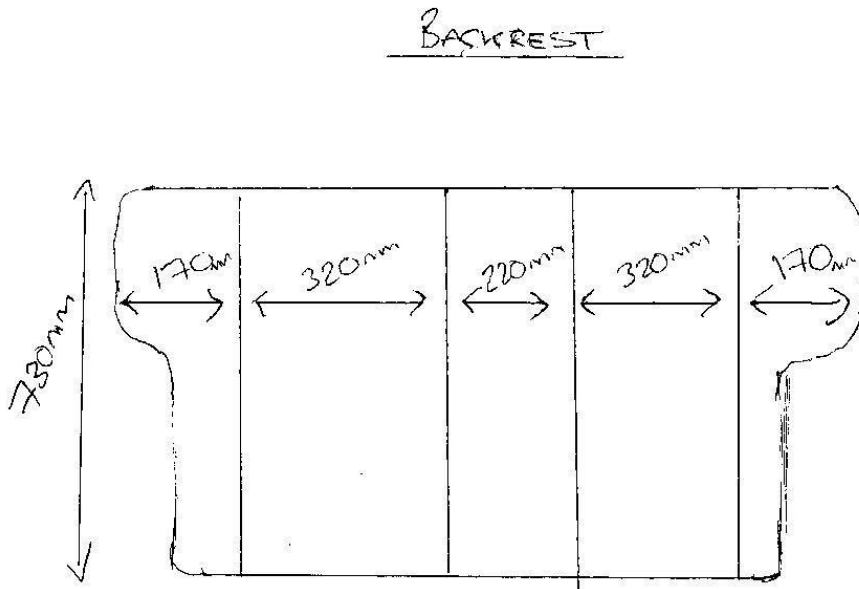
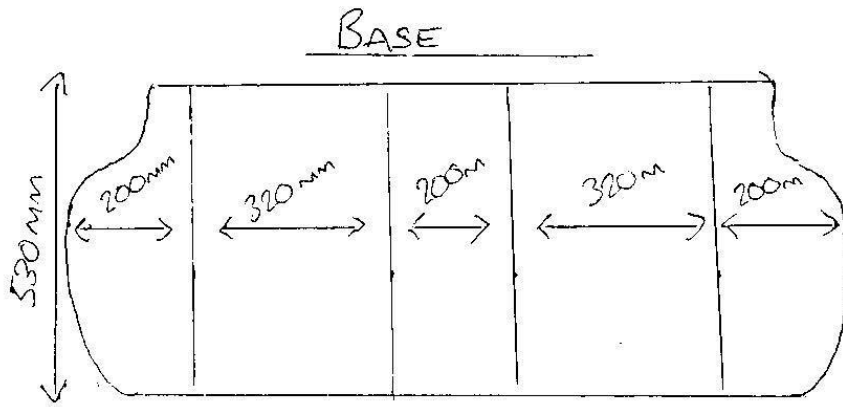
I have very little information to hand about the structure of these covers. I know from the French club that a full Rallye re-trim uses 5 metres of B09 fabric, and thus by deduction the rear seat cushion and squab uses 2 metres of that.

That is 5 metres less 2 x layup A3.1 (above)

The detail I have is a sketch of the overall dimensions, but as yet I'm not certain if there are other structural sections not yet seen. i.e. attachment strips or sections.

However the basic measurements confirm that the remaining 2 metres will accommodate the rear seat covers 😊 and are as shown below:





205 RAILTE BACK SEAT  
(SEAM TO SEAM)

These details will be added to if and when I get more information.

If you require any assistance or further information please feel free to contact me:

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