

Mazda Bongo Rear Side Kitchen Design

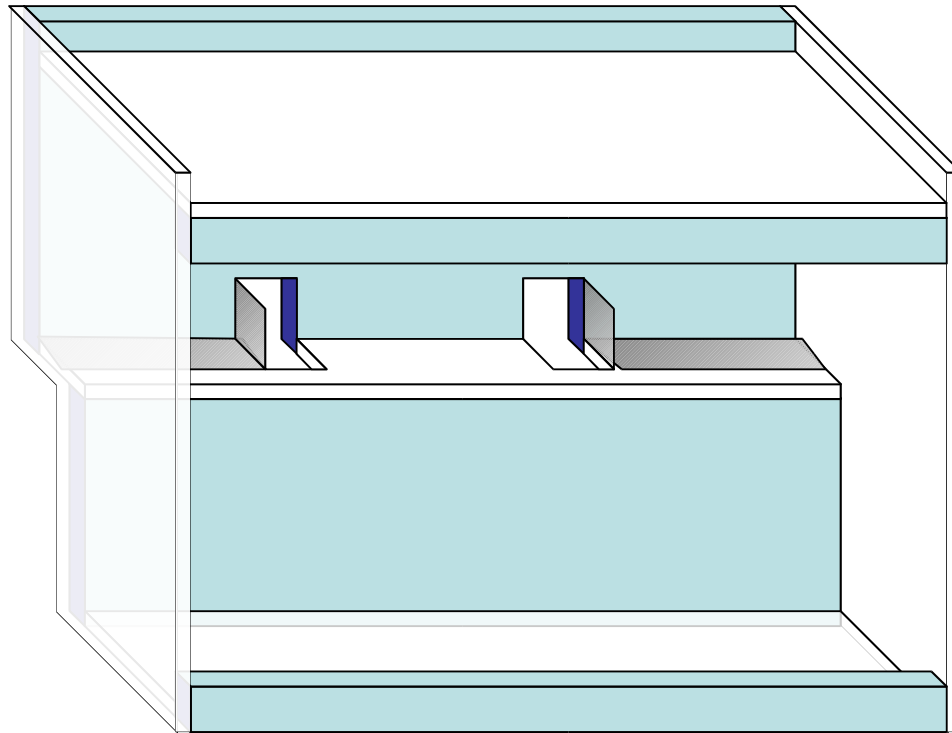
www.lushprojects.com



Iain Sharp - 1st April 2006

No responsibility taken for any mistakes or design errors. Use at your own risk.

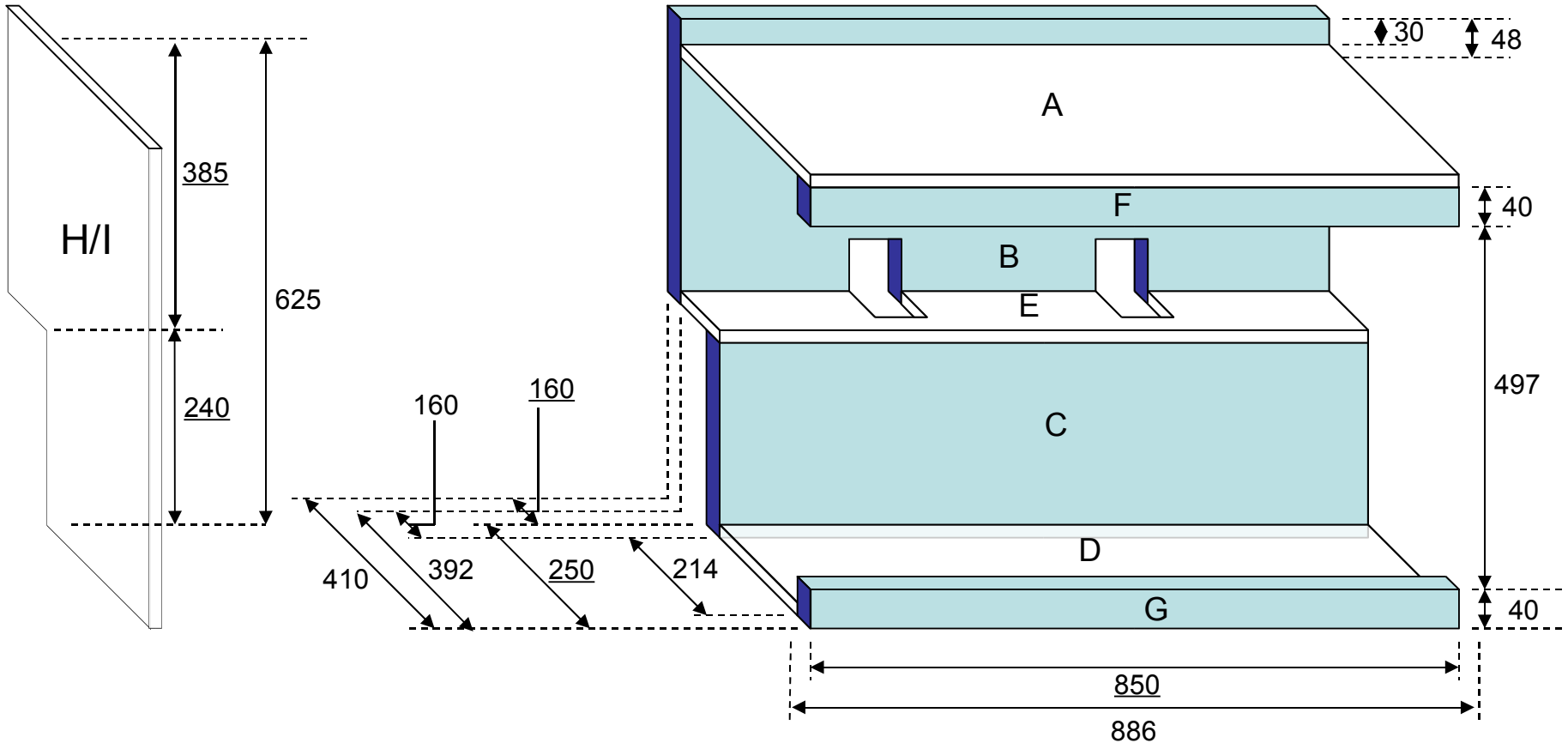
Completed Drawing



Dimensions (in mm)

Based on 18mm board

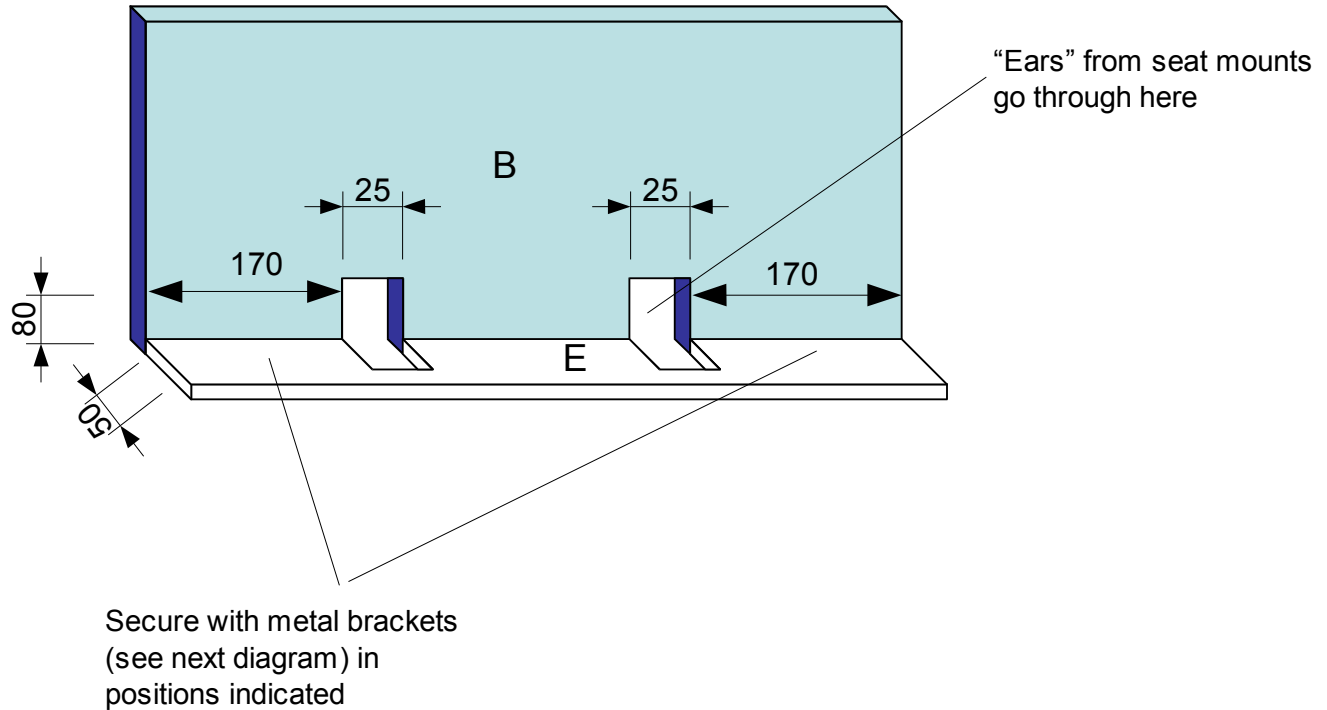
Doors 443 x 577 = J/K



Notes:

- 1) Underlined dimensions are those used to define shape. All others are derived from these numbers
- 2) Designed to fit on top of an overcarped. If you don't have one of these then you may want to change the height of the step

Details of fitting to van



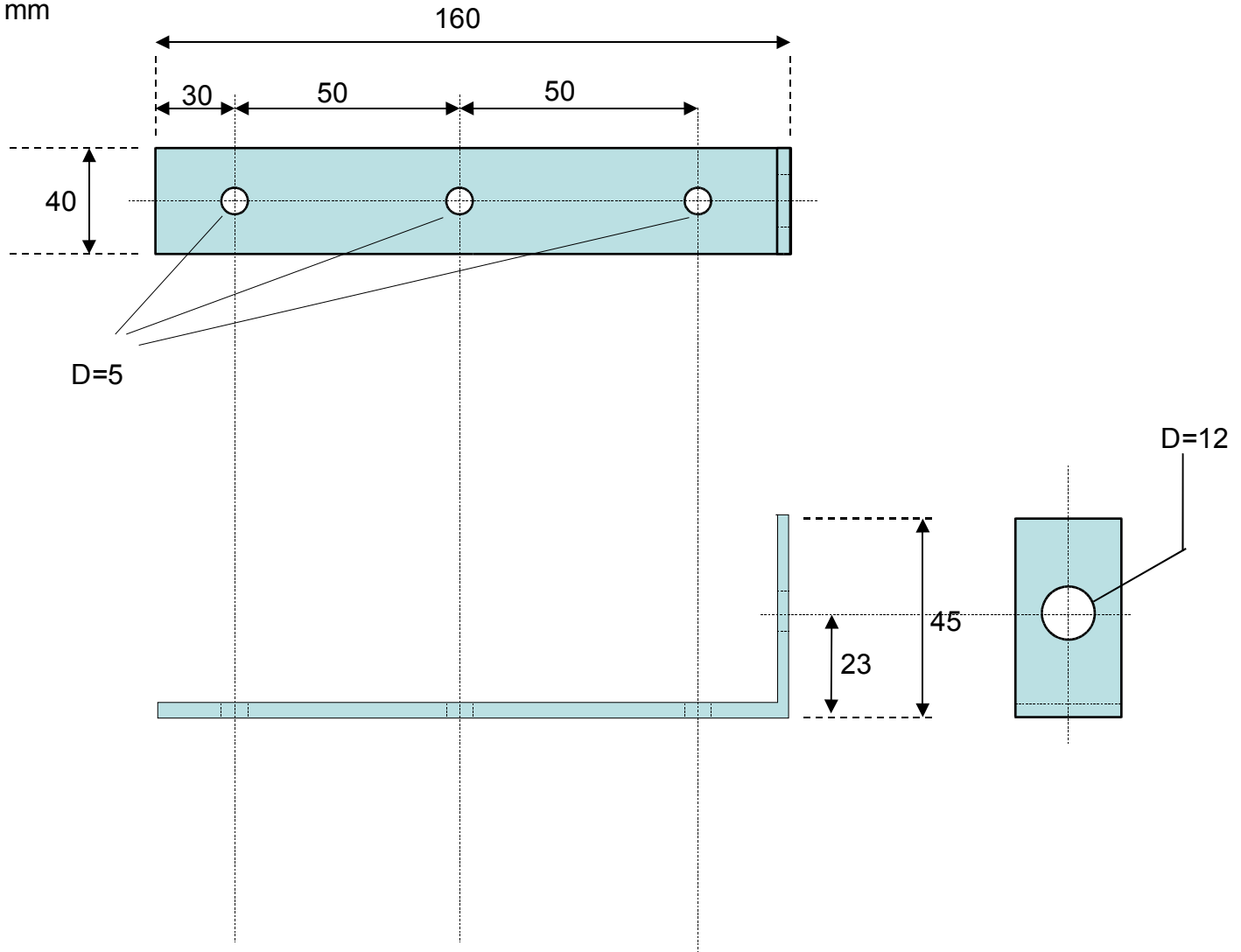
Notes:

1) It may be better to move the mounting slots to another (asymmetrical) position. This would allow the middle seat to travel further back. Judge your requirements before cutting! If you do this the bracket design will also need to be adjusted.

Not To Scale

Bracket Design

All dimensions in mm
Material is 3mm mild-steel plate
Dimensions +/- 1mm

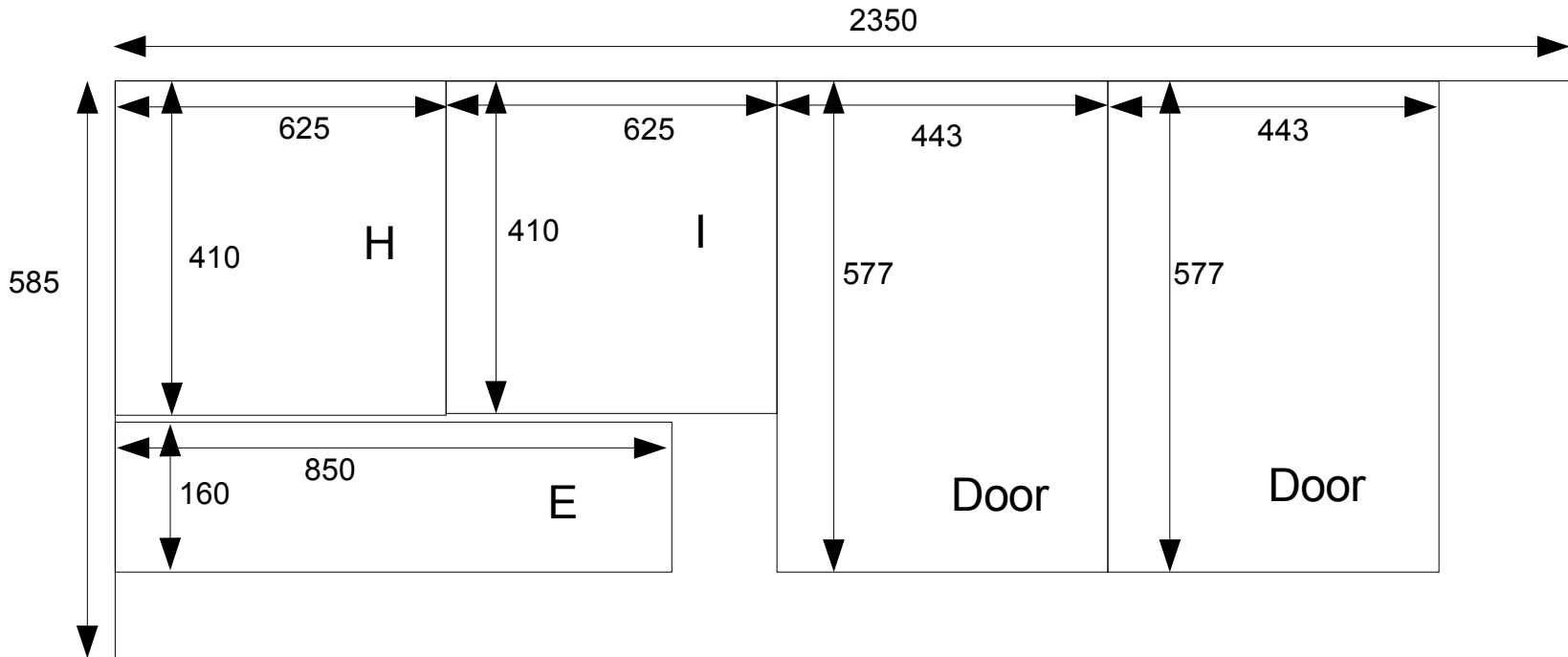


Cutting list

Notes:

1) Starting sizes are based on the Homebase range of spruce boards. They can cut in-store (though if they get it right first time you have a better experience that I did!)

850 x 405 850 x 392 A
850 x 405 850 x 385 B
850 x 585 850 x 240 C 850 x 214 D 850 x 40 F 850 x 40 G
2350 x 585 E, H, I and doors (see below)



Assembly

- I used peg and hole joints
 - Getting a good jig makes these much easier and neater
- Drill and peg (don't glue) D to slides (pieces H and I)
- Follow by drilling and pegging pieces by G, C and E in that order
- Drill and peg pieces A and F to sides and each other
- Finally piece B was drilled and pegged using pilot holes drilled in from the back to mark positions of joints to A and E.
- Assemble using straps round cabinet to hold joints tight
- Test fit and mount brackets
- **Glue when satisfied with fit!**
- Reinforce with screws if required