



The Welly Puller

My dad made my first one of these to keep in the back of the Landrover. Such a simple but invaluable device I now have 3 or 4 scattered about the place and I always keep a spare in the motor to give away in emergencies. Once you've found yourself with boots covered in thick mud, (or worse), and have had one of these to hand you'll never want to be without one again.

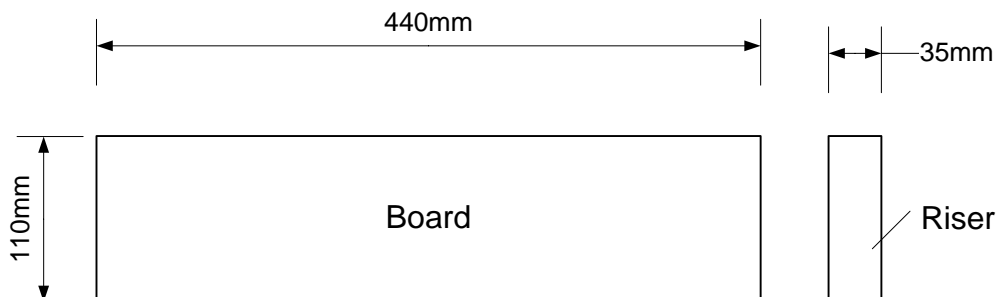


You can buy these easily enough but they're so simple and cheap to make it seems a shame not to pay good money for one.

I make most of mine from floorboard off cuts that I can't resist when I see them poking out of skips.

Cutting List & Materials

- 15 to 20mm thick timber or plywood in sizes as shown below.
- 2 x size 8 screws, 40mm long



Tools

- Saw
- Drill with 4 mm bit
- Screwdriver
- Bradawl
- Jigsaw or coping saw
- Carpenters Square

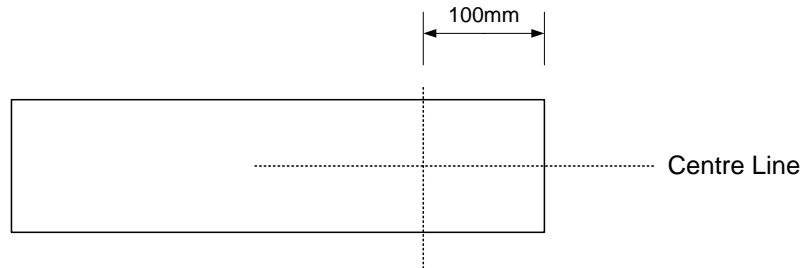


Assembly instructions

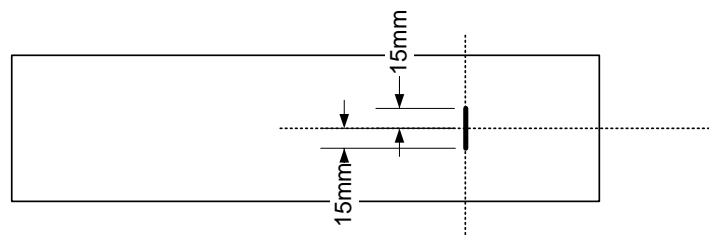
1 If you are using a piece of floorboard and you want to remove the 'tongue and groove' – do it now before you start. It's not necessary and personally I just take the 'tongue' off, (the thing strip on one side), as it looks untidy and doesn't really add anything. For a professional finish use a wood plane but you can usually just break it off.

2 Take the large piece and mark a line down the centre.

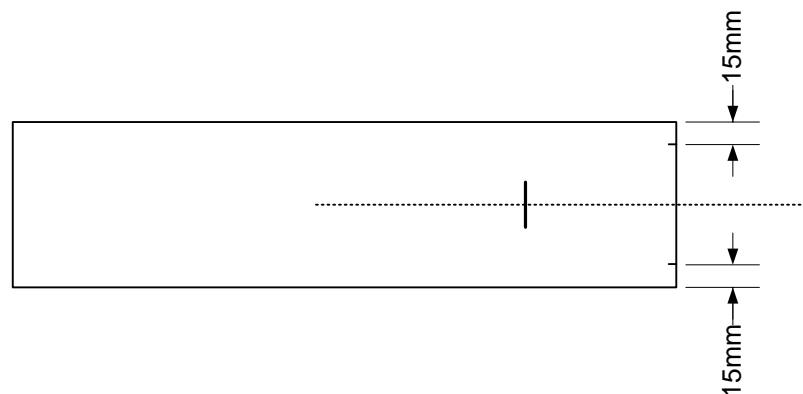
3 Measure 100mm along one of the long sides and mark a point. Using a carpenter's square mark a line across the wood from this point.



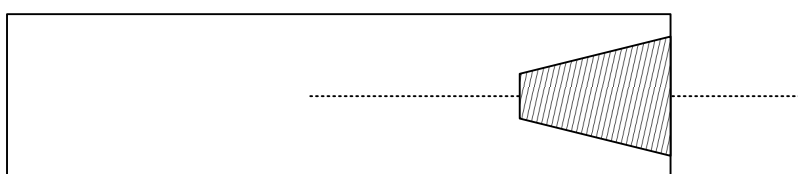
4 Measure 15mm along this line either side of the centre and mark a bolder line. This gives you a 30mm 'heel line' that will form the base of the 'V'.



5 At the nearest end of the board measure and mark points 15mm in from each side.

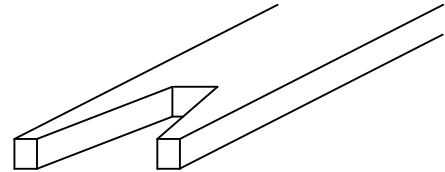


6 Join these points to the ends of the 'heel line' to create the shape shown below. Mark this to be removed by roughly shading with a pencil.

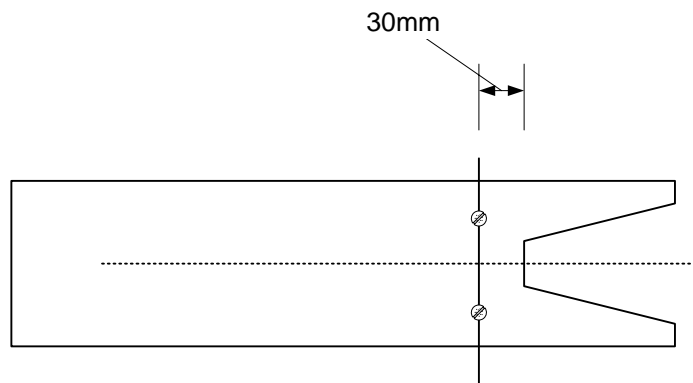




- 7 Place the board upright in a vice or clamp it to the edge of your bench and make a saw cut along each diagonal line. Start from the end of the board and cut towards the 30mm line. If you want to make the 'V' curved end then stop sawing about 15mm before you reach the line.
- 8 Use the coping saw or jigsaw to cut along the 30mm line, joining up the previous two saw cuts and removing the 'V' completely. The board should now look like this.



- 9 Now mark another line across the board, 30mm further along than the bottom of the 'V'. Drill two 4mm holes on this line approximately 15mm in from each side. Take the riser and place it under the board - edge upwards and aligned across the holes. Carefully fit the two screws.



- 10 Your Welly Puller is now complete

To use it place one foot on the board. Then just move the other boot heel first into the 'V' and pull your foot out.

