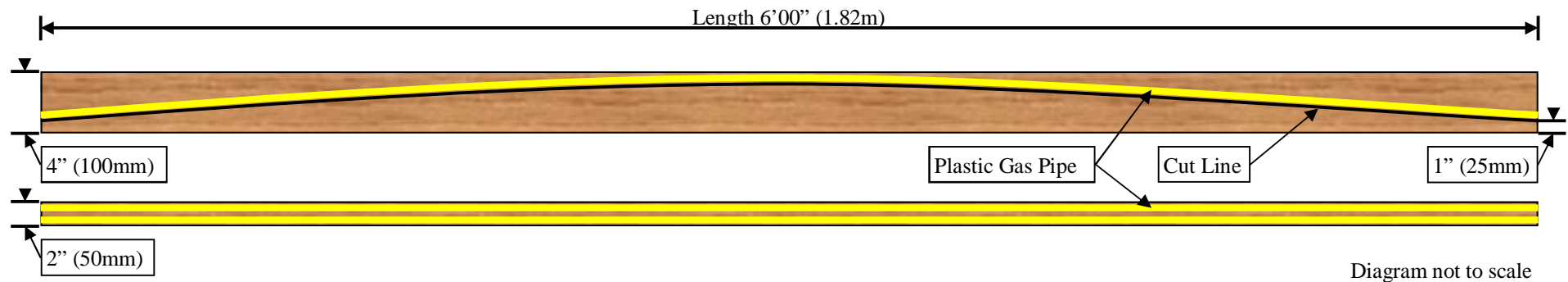


Skimboarding Grinding Rail Plan & Instructions



Materials you will need:

One piece of soft wood timber 4" x 2" (100mm x 50mm) 6' in length (1.82m), One piece of yellow gas pipe or similar (6" length x 2" diameter), 26 x Stainless steel counter sunk screws (1½" length (35mm) x size 8)

Tools you will need:

Jigsaw or (Preferably a band saw if you can get one), Screw driver, Electric drill + drill bit (slightly smaller diameter than the screws), Drill bit (slightly larger than screw shank diameter for drilling through the plastic), 2 x "G" clamps.

What to do:

- Lay the wood with the 4" (100mm) side facing up and mark out the black cut line on the 4" (100mm) face of the wood as shown on the top diagram.
- Using a jigsaw (or band saw) cut along the marked line and discard the piece shown above the cut line.
- Cut, using the jigsaw, along the length of the plastic gas pipe to cut it in half (This can be tricky as the pipe is naturally curved) It might be a good idea to buy 8' and practice cutting with the spare 2' left over.
- When the pipe has been cut, use the "G" clamps to gently clamp the plastic to the top (curved side) of the wood. Drill through the plastic and then into the wood about ¾ of an inch (2cm) at intervals along the length of about 6" (150mm) apart.
- Start drilling and screwing in the middle and work outwards from the middle alternately until you reach the ends of the rail. Tighten the crews ensuring the heads are flush with the surface of the plastic. When the screws have been tightened you will be ready to go skimboarding!
- N.B. Any of the above materials or dimensions can be substituted for alternative materials or dimensions of your choice. The possibilities are endless! These are just the particular materials I would personally choose for a project like this. The information in this file is just my opinion and should not be construed as advice in any shape or form.

REMEMBER: RESPONSIBILITY LIES WITH THE INDIVIDUAL AND THAT IS YOU!

Always use appropriate personal protective safety equipment when using power tools.

It is recommended that a responsible adult guide and supervise minors and those less experienced when using tools.

Have fun, Skim safely and remember your limits!

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