

This is a 100% size template for a rotating mapboard for mountainbike orienteering.

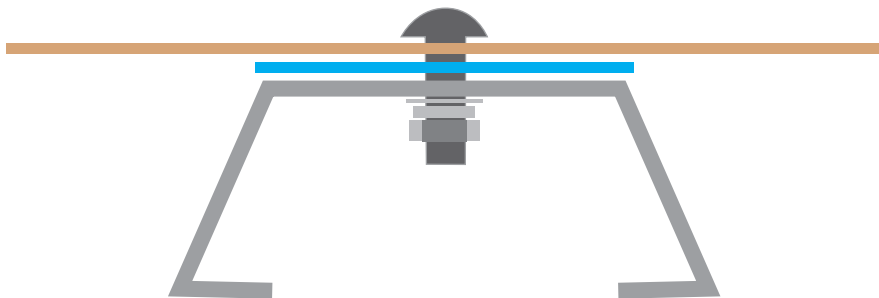
The T shaped grey line needs to be a light piece of aluminium able to be purchased from a sheet metal business. This can be cut out with a pair of tin snips.

The blue line is the ice cream container lid which needs to be cut out and adhered to the aluminium to act as a washer, and placed between the aluminium and the MDF board.

You will need a piece of thinline MDF board 28cm square with rounded corners for the rotating top.

1x 6mm bolt 20mm long with a flat washer, spring washer and nylock nut.

The parts stack up like this.



To fix the map board to your handle bars you will need to bend the 3 legs away from the MDF board and then bend the ends inward as marked by the dotted lines. You may have to adjust the bends at the ends so your board sits at the right angle when attached.

The three points of attachment are the handle bars both sides and the longer leg goes to the stem.

Attach with heavy duty cable ties.

Tension the top by doing the nut up until it rotates so it is tight enough not to turn on its own when riding over rough roads.

To secure the map to the board use a couple of large rubberbands or bulldog clips.

