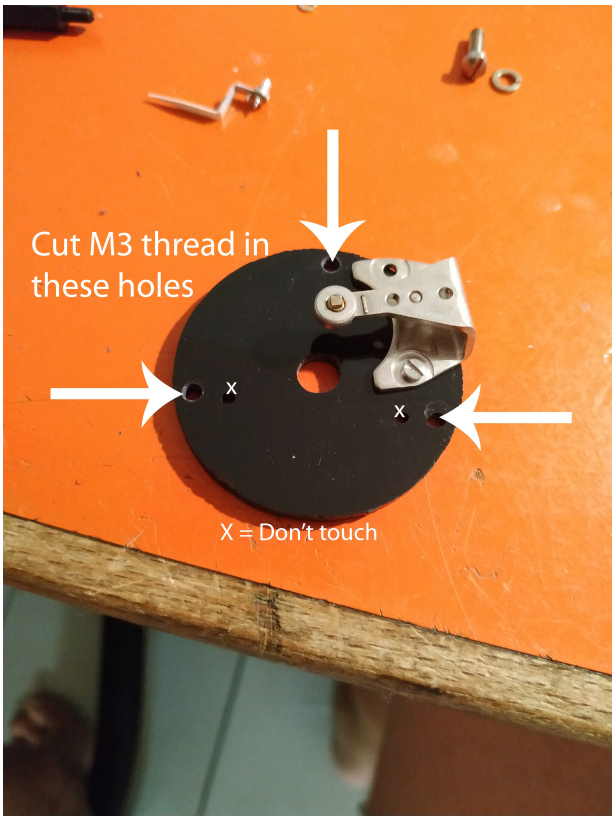
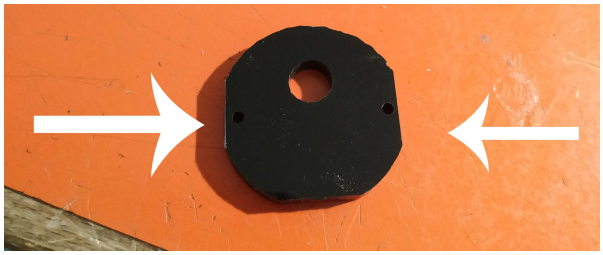
Oil Temperature



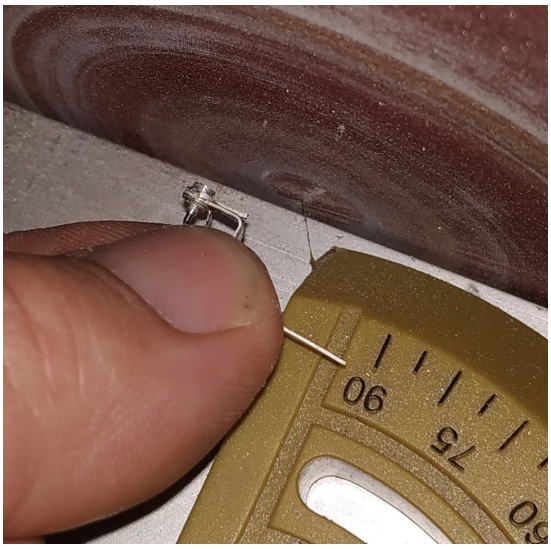
Cut M3 threads in the holes marked on the picture. Leave the two holes marked with X. They are for the stepper motor.

The metal part must be placed as shhown on poto. Make sure you don't use the wrong side of the Black acrylic part that holds motor and the metal part. Metal part holds the dial. To attach it to the black acrylic part simply drill in one screw only in the hole. No need To cut thread as it will cut its thread by itself.

Don't tighten it too hard. Make sure metal part Can be moved to place the needle later.

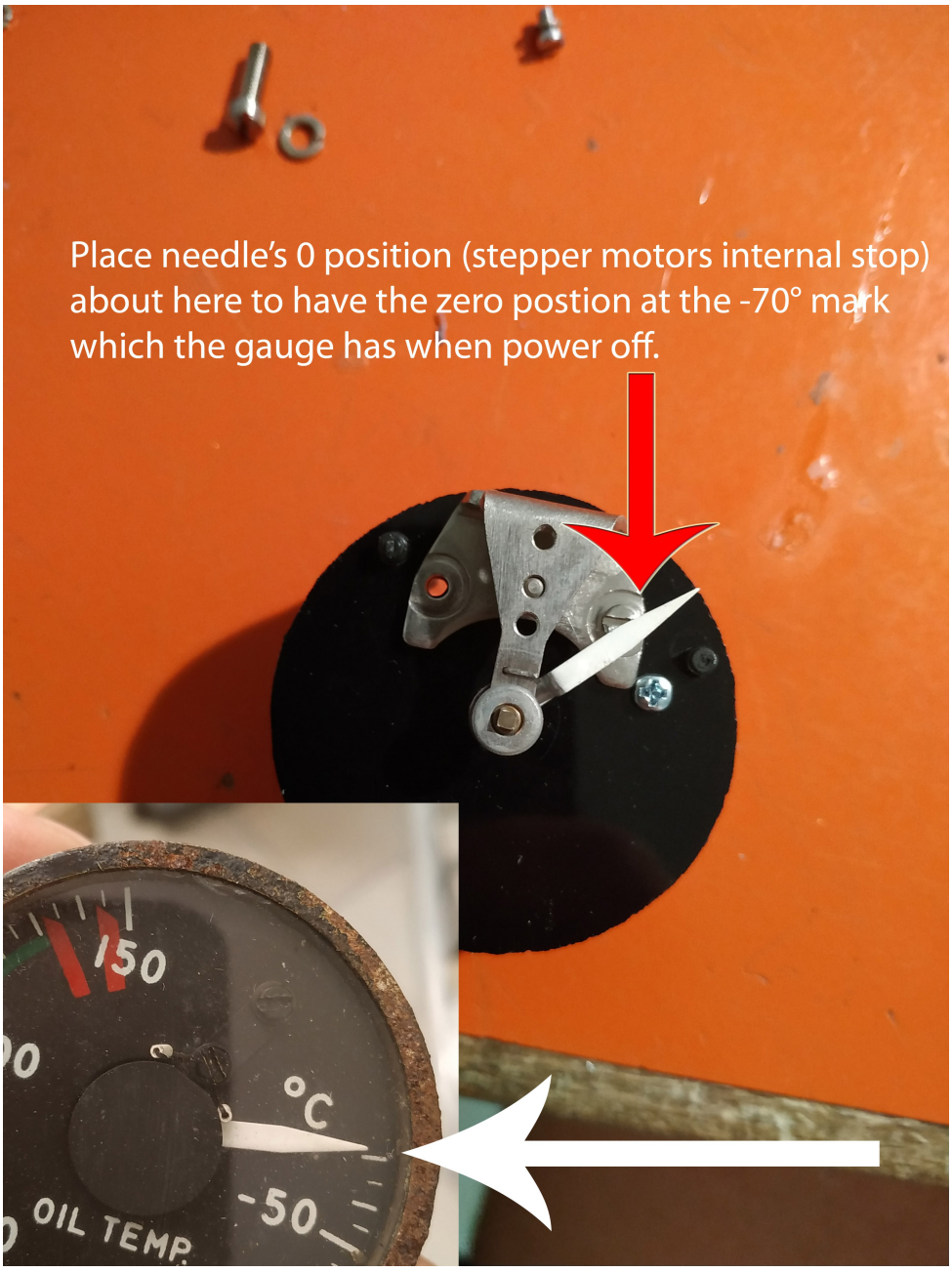


Spacer for stepper motor. Remove left and right part as shown in the photo below.



Make sure you sand both needle and brass perfectly flat. See photo below were needle sits 90° to table. This is VITAL or the needle will touch the dial later on! Small Adjustments can still be done late by carefully bending the lower part of the needle.

Place needle with brass
Tube at the correct height!
Be careful here not to place
Too high or too low over dial.



Solder the 4 wires to
terminals and carefully bend them up.
Do the same with the others or cut them off

Cut the plastic pins, not needed.

Attach dial to metal piece.
Make sure you have put in the
second screw in the metal piece before that!!
See first image on page 1 of this instruction.

This is how the gauge should look like.
Make sure you use the 3 metal parts
for correct spacing.

Drill holes slightly smaller than original
screw. That way the screw can be screwed
into the acrylic end piece without the need
To cut a new thread.