

### Modifying the Lelit PL53 to Install a Calibration Dial

Although the Lelit PL 53 is reported to be a pretty good grinder, it has one big drawback, you have no indication of its current setting. It has its worm drive knob and you need at least one turn to make any noticeable difference. If you are like me, and switch between double and half baskets, which for me need different grinds, or need to change the setting for different beans, you really need some way of indicating what the grinder is set to, or what to reset it to.

To address this I came up with a mod that installs a dial on the grinder barrel and window in the top cover to observe the setting.



It was a pretty quick mod, just need to remove the bean hopper, and the four screws that hold the top cover in place and drill a 12mm hole in the top cover as per the photos (you may have to relocate the Lelit badge if it is in the way, it peels off and can be relocated). Because it is a curved surface, best to start with a 3mm hole and progressively enlarge it with bigger drills till it reaches the 12mm (it is a soft stainless steel so is easy to drill). De-bur the hole and polish the edges if you think it needs it. I also glued a pointer in place (with 5minute epoxy) to provide a reference when adjusting (made from a pop rivet shaft, which had a bit of point). Make sure you rough up the

surface where you are going to glue the pointer to ensure the glue has a good bond surface.



Next I drew a dial with a CAD program and printed it and cut it out using scissors and a craft knife, then sprayed it with clear lacquer/paint. I printed mine on plastic injet film, because I had some handy, but paper should be ok provided you put a clear coating on it. ( I have included a PDF of the dial, which should print out to be the right size ~78.5mm, but check that your printer does not change the size).



Clean the top surface of the grinder barrel and apply a small bead of Silastic all the way around, just clear of the gear teeth (it is applied over the ring of holes that are just inboard of the gear teeth). Sit the dial concentrically on the barrel and lightly seat it in the Silastic. I located my dial so

the current setting was on 7 which now generally gives me single digits to look at for my range of adjustment, but I suppose it doesn't really matter.

Reassemble, and that's it. Works really well, one turn on the knob is about one graduation on the dial (there are two graduations between numbers).

Mod took me about 1.5 hours to do but I did reassembling it with the lacquer and Silastic still wet.