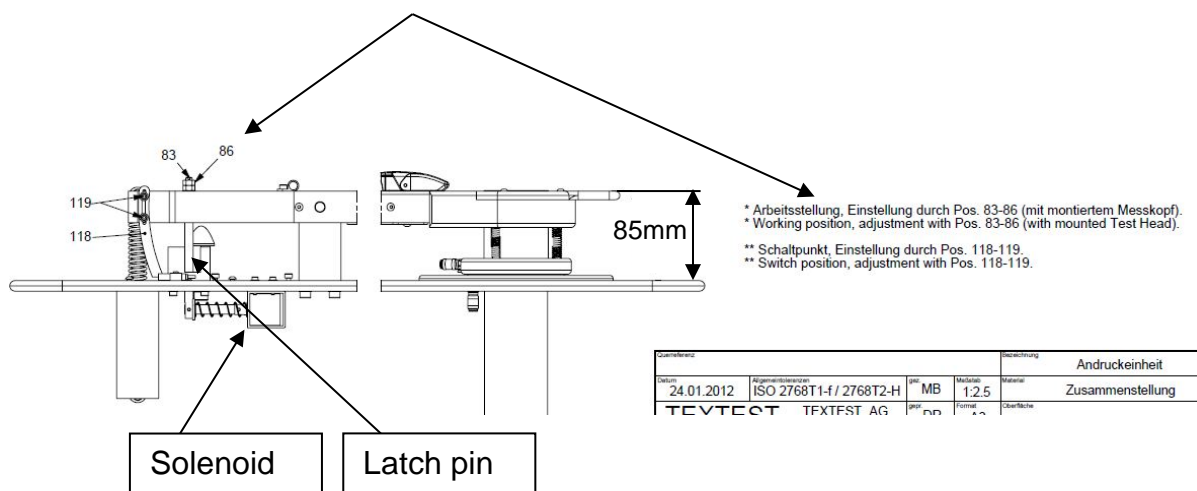


## FX 3300-IV: Instructions for adjustment of clamping and switch position 09/2014, NF

=> During the whole procedure, use a piece of paper as test specimen.

### Adjustment of latch pin:

- 1.) Switch off the instrument and unplug the power connector. Manually push down the test head and manually move the latch pin so that the test head is clamped (working position).
- 2.) Measure the distance of the test head to the base plate. The distance should be 85mm (+/-0.5mm). If this is not the case, use set screw (pos. 83,86) for correct setting.



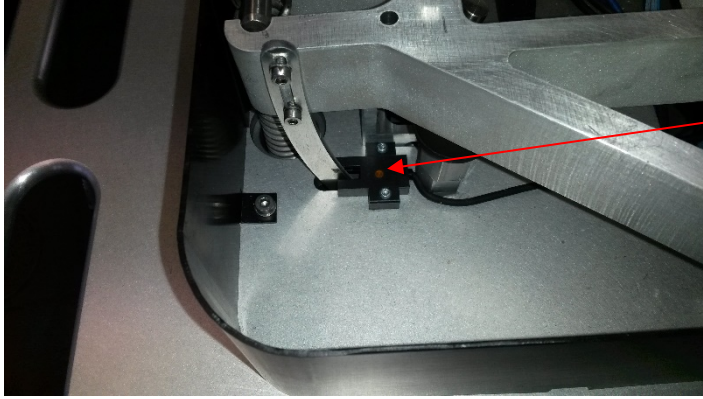
- 3.) After this adjustment, use a test specimen and check whether the instrument is working. If not, the actuator plate needs adjusted.

### Adjustment of actuator plate:

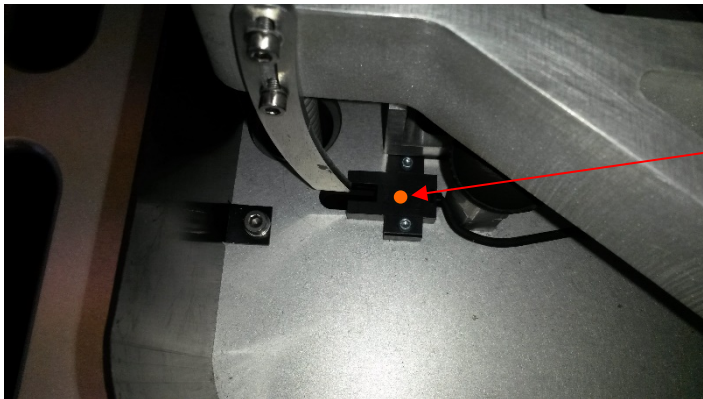
The actuator plate actuates the light sensor which starts/stops a test. While a test is being started, the following 3 things happen:

- The pump starts running
- The solenoid pulls the latch pin
- The display changes from *Standby* to *Measure*

Once the light sensor is actuated again, the instrument returns to *Standby* mode.



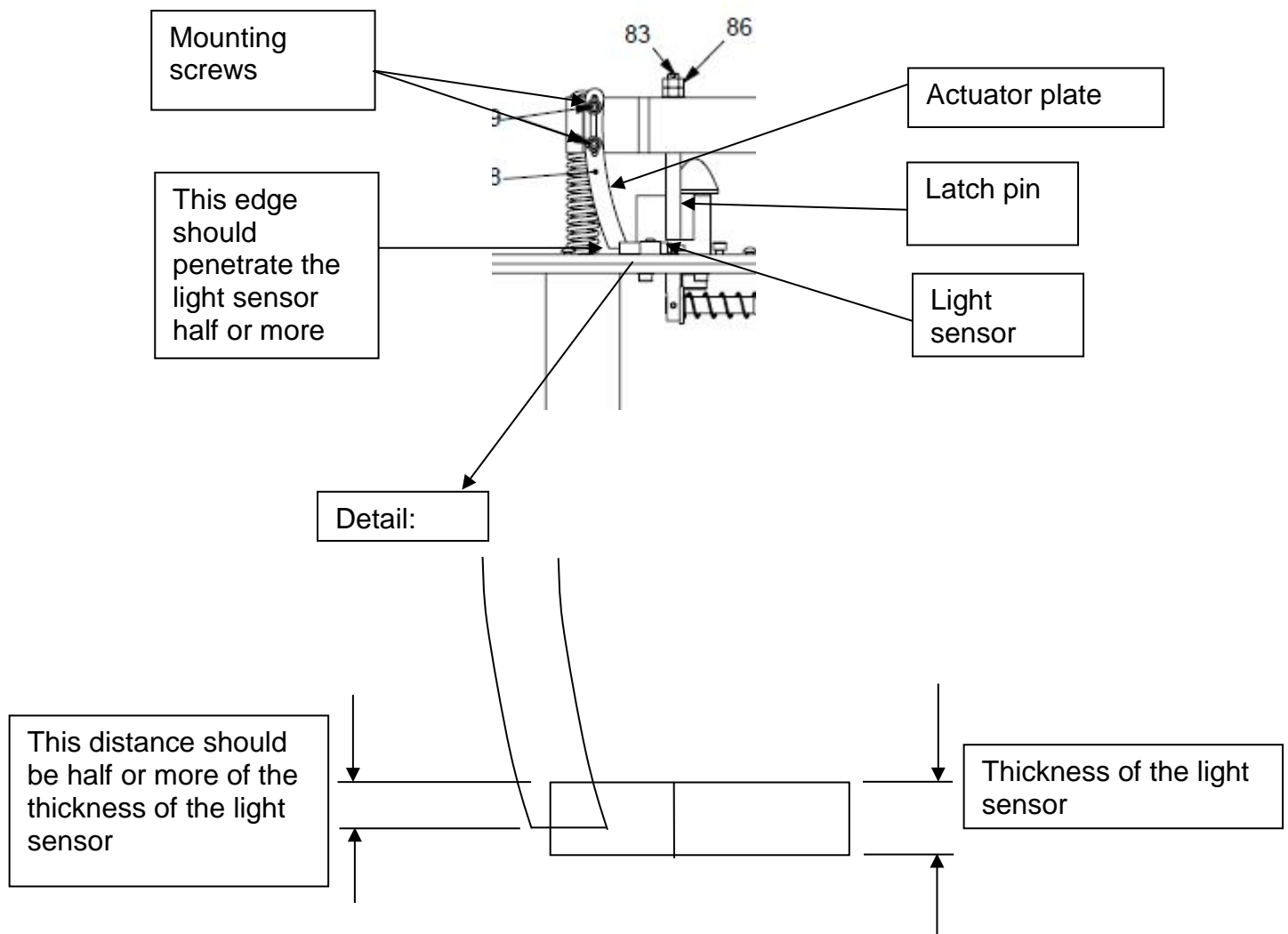
During standby and measurement, the LED must be dark



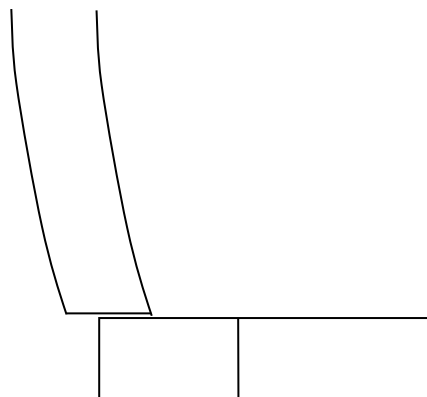
When clamping arm is pushed down, the LED must be ON

- 1.) In order to adjust the actuator plate, switch off the instrument first. Manually push down the test head and move the latch pin so that the test head is clamped in working position.

- 2.) Check out the position of the lower edge of the actuator plate. In working position, the actuator plate must disconnect the light sensor. You can verify this by switching on the instrument: The orange LED must be off after complete start up of the instrument.



- 3.) If this is not the case, unlock the 2 mounting screws. Move the actuator plate upwards and gently move it downwards until the orange LED stops to light up. Tighten the mounting screws. Make sure the LED is still off.
- 4.) Switch off the instrument and push down the test head. The latch pin should move back now (audible by a click sound). When the test head is pushed down to the limit, the actuator should be out of light sensor range:



- 8.) Switch on the instrument and check the instrument with a test specimen.