

## The POSP scope reticule illumination repair.

The illumination allows to use the sight in twilight or to see the ret on a dark target background. But brightness of the illumination is not so great. If you will look at the light target in the afternoon, the ret will be black color. Red illumination is visible only in twilight or in a dark room. In the afternoon it is possible to check up illumination if to switch on and to look inside of the sight through the objective. If the luminescence is absent, define the reason. Each sight before export is carefully checked. Therefore the basic problems are bad batteries, oxidation of contacts and malfunction of the LED. Please use this manual. The repair manual of POSP scope with weaver mount is [here](#).

1. Turn off the cover of batteries housing. By means of a screw-driver clear the contact screw.



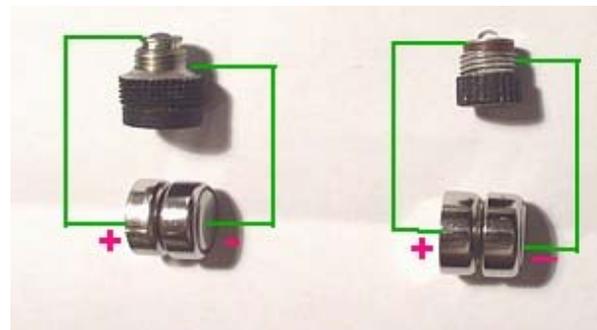
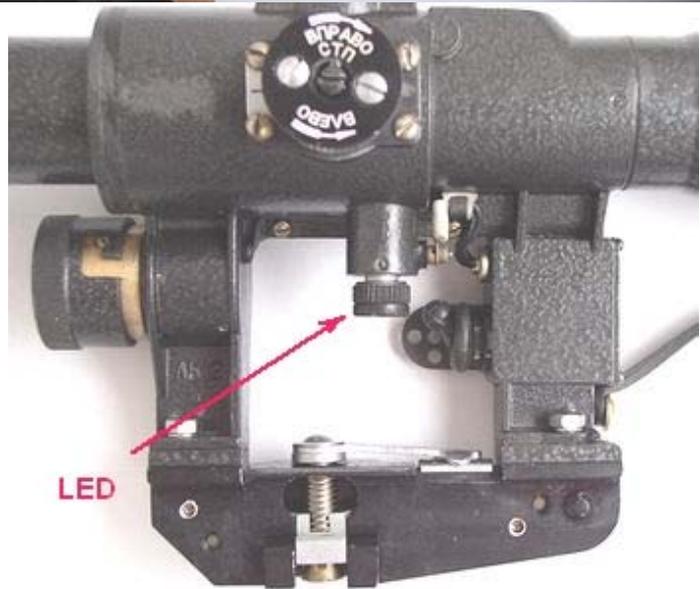
2. Insert batteries as shown in figure. Use only AG13 (or LR44, #357) batteries. (**Attention!** For the PK-A scope "+" should be outside.)



3. Connect the battery and the housing of the sight by metal tool (for example, by tweezers). If illumination began to work, the reason is bad contact between the spring and the cover of batteries housing. If illumination does not work, check up the LED.

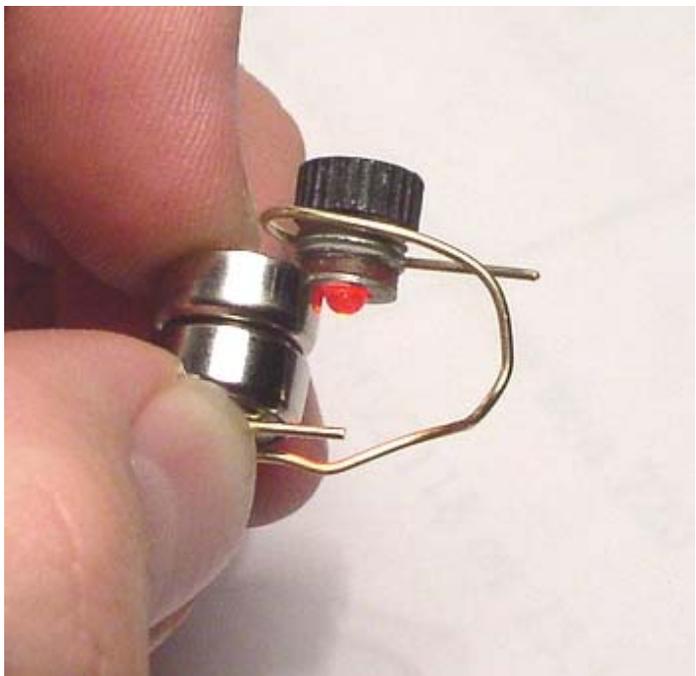


4. For LED check is enough to have good batteries and a paper clip.



The LED can have different housings. It's not important. The circuit of LED connection is shown on the pict.

Connect the LED and the battery. It should shine. Otherwise the LED should be replaced. Before LED installation check up contacts in the jack. Clear, if it is necessary. Twist the diode against the stop. Switch on illumination again. If it does not work, check up the switch.



5. Turn off 4 screws and remove the tablet. Connect the switch contacts by metal tool (for example, by tweezers). If illumination began to work, the reason is bad contact or bad switch.

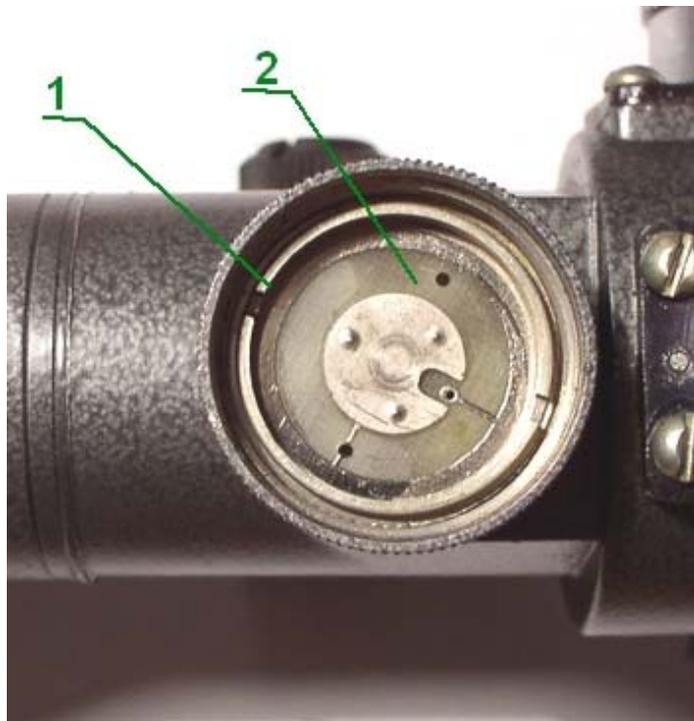


If the described actions have not removed malfunction, please send a sight for repair.

### The repair of reticule illumination of POSP scope with weaver mount.

1. Turn off the cover of batteries housing. Insert new battery as shown in figure ( "+" should be outside). Use only CR2032 (or CR2025) battery. Switch on position #1. Connect the battery and the housing of the sight by metal tool (for example, by tweezers). If illumination began to work, the reason is bad contact between the spring and the cover of batteries housing. If illumination does not work, check up the switch.





2. Turn off the ring #1 and take the circuit-board #2.



Clear contacts, if it is necessary.

By means of a screw-driver clear and raise contacts inside the jack.

Make assembly of the switch and check up illumination. If illumination does not shine check up the LED.

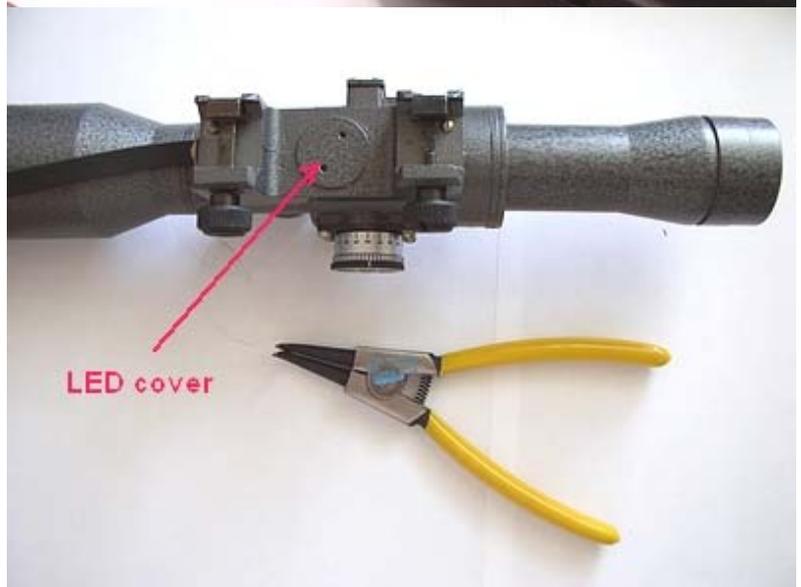


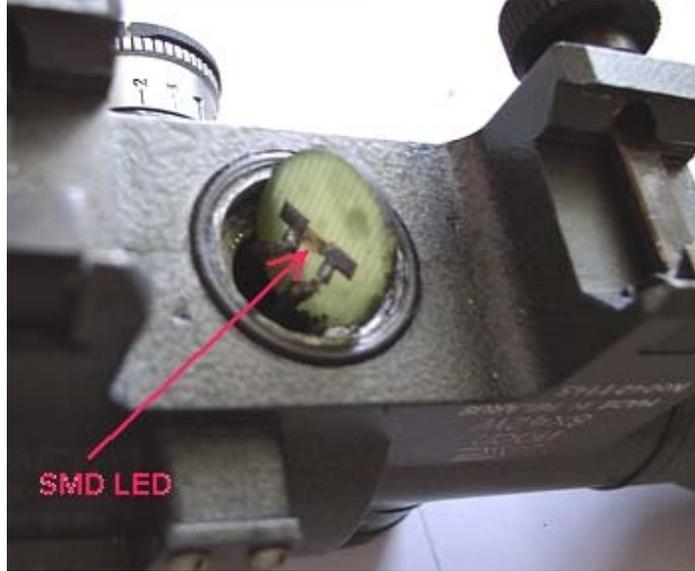
3. Turn off the cover of LED jack (see pict.).

By means of a screw-driver raise the circuit-board inside the jack.

Establish the switch in "0" position and check up the LED by electronic tester.

If the described actions have not removed malfunction, please send a sight for repair.





SMD LED