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Installation of the Lakeline Fiber Optic Sights for Taurus TX22 , G3 **FA-SFR-TX22-STD**

*The sights package includes a front sight, rear sight, fiber optic tubes and FRONT sight screw and REAR sight set screw.*

## Tools:

- Torx T8 Driver or small Phillips screwdriver (check your screw).
- Small Phillips Head screwdriver
- 2mm Hex Wrench
- Thread Locking Compound
- Needle files
- Dags, side cutter or nail clipper
- Lighter, the long kind for lighting fires and burners is best, or matches.

## Procedure

- Put on your safety glasses.
- Check that pistol is unloaded and remove magazine.
- Field strip the pistol, removing the slide and factory guide rod assembly per the factory user manual.
- Remove the factory sights and factory screw using a slotted head, Phillips head or the TORX T8 driver as needed.
- Clean up the slide, removing any debris from both the front and rear slide mounting areas. Make sure the opening for the front sight and rear sights are both clean lubricant free. Pre fit and check everything. Use a solvent or alcohol to insure there is no lubricant on the slide.
- **Fit the front sight to the slide.** The sight needs to be fit so that it fits down against the slide. No light should be visible between the sight and the slide when viewed from the side.



The openings in the slides vary. Tools wear as production goes along and there is a tolerance for the opening that has variation. Also, parts installed on a pistol slide go through tremendous accelerations and have to be mounted very securely for them to stay in place.

So, the sights are made to the larger sizes of the opening and are fit to the slide during installation so a snug fit can be had with all pistols. **Use needle files.** Take one swipe on each of the flats on the boss on the bottom of the front sight, test fit the sight, and repeat until you have a snug fit.

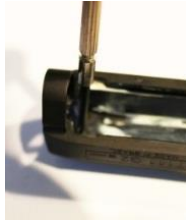
- **Use extreme care when fitting a sight to an aluminum slide, like the TX22. Modify the sight so it slides in snugly, but at least 1/3 of the way by hand (on rear sight), so as to not damage the pistol slide with the sight.**
- Hold the front sight as you turn it over against a non-marring table top:



- Apply thread locking compound (I use blue strength) liberally to the screw, base of sight and into the screw hole. **The thread locker is absolutely required for the sights to stay mounted on both the front and rear sights.** Gently tighten the screw while holding the front

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sight straight. It is a small screw going into aluminum:



- Congratulations, the front sight is installed.
- Now, turn over the slide, and check the fit of the rear sight. If it won't push in  $\frac{1}{4}$  to  $\frac{1}{3}$  of the way by hand, fit it carefully so you do not damage your slide pressing it in.

- ***Install the set screw (note, the set screw hole is not supposed to line up with the factory sight screw hole). You may want to check point of aim with a laser bore sight, or however you like, before locking the sight with thread locker. Use thread locker on the threads and between the sight and the slide. DO NOT OVERTIGHTEN. . Over torquing will damage the sight.***
- Wipe off the excess thread locker and wait 24 hours for it to set before using. Now, for the fiber inserts. Clip the fiber tubes in the colors or your choice slightly longer than the metal sights like below:



- The fit between the fiber and the sights is supposed to be snug. Putting a soap solution on any tight fibers can help to get them to feed into the sights. Cutting them with an Exacto type of knife by pressing while rolling them on a cutting board will keep them more round at the cut. The factory cuts may have crushed the ends and may not feed well.

- Move the flame of the lighter or match close to the end of the fibers, and they will melt into a rivet like shape. Do not light the end of the fiber:



Reassemble the pistol and make sure and allow 24 hours for the thread locker to secure the sights before firing, or even vigorously cycling, the pistol.



Thank you! If you have any questions or problems, the best way to contact us is by email at [info@lakelinellc.com](mailto:info@lakelinellc.com)