



Installation of the Lakeline LLC Barrel and Recoil System for Taurus G3, G3C, and G2 pistols (PT111 G2, G2C and G2S):

Supplies:

- Gun grease or oil (preferably grease – it is lasting lubrication, while oil runs).

Procedure

- ***Check the fit of the new barrel and make sure it fits into the slide. If not, see the section on FITTING.***
- Clean the barrel to remove any grit from machining by running patches with solvent on them through the barrel until they come out clean.
- Lube the new Lakeline barrel with a light coating of a thin gun grease or gun oil on the outer surfaces and install barrel. Next is the recoil installation covered on the next page.
- For a threaded barrel, install any thread protectors, compensators, or other barrel devices per their instructions. **It is important to protect the threads of threaded barrels.**

NOTES on BARRELS:

1. **FINISHES.** Metal parts that rub together or make contact with other metal parts will get visibly marked, scratched, or burnished. Even very hard finishes, like the black DLC and gold TiN finishes we use will wear and that will be visible. Stainless parts will also get scratched, burnished, and show where they rub and touch other parts. This is normal and is not a defect. We have seen that when we replace a barrel in one of our pistols, the new barrel seems to show the same sort of wear pattern as the barrel we removed. If this doesn't work for you, don't install the barrel and return it without use. Normal wear and marks are not warranty issues and are to be expected.
2. **FITTING.** This barrel is designed to be a drop-in barrel for the G3C. The G3C has the tightest machining tolerances of all the different Taurus pistols these barrels can fit. If we made the barrels loose enough to fit in every possible pistol, they would not be as accurate.

The G2 series pistols have wider variations in their machining tolerances and sometimes minor fitting will be required to fit the barrel to the G2 series pistols including the PT111 G2, G2C and G2S. We have seen some of the openings in the slides, from the breech to the front of the ejection port, that are small enough that some minor fitting is needed for the barrels to fit all the way up into the slide. We recommend gunsmith fitting and checking of installations on the G2 series pistols.

Fitting can be required on the barrel for the distance from the breech to the front of the ejection port, so the barrel can fit up, all the way into the slide. That opening can be a few thousandths of an inch smaller on the earlier pistols. It can be easily hand fit with some minor work on the barrel.

One of the first 7 slides (from a G2S) we put the threaded barrel in didn't allow the barrel to tilt far enough to allow the longer barrel to drop into place. It required fitting, removing some material along the top front edge and inside lower edge, of the hole the barrel fits through to allow it to tilt far enough for the barrel to drop into place. That pistol is not likely to be unique.

-LAKELINE-

If your barrel won't go further than this, your slide needs fitting:



Material needs to be removed from these 2 edges to allow the barrel to tip a little further so it can be slid in:



If it isn't clear to you, don't do it. A gunsmith can fit it for you. It takes a little hand work with a round file, cleaning up the file marks, and refinishing the edges with some cold blue on a black slide. Done properly, the barrel will still lock up as accurately as before.

Recoil installation:

- Lube the Lakeline Recoil Assembly with a proper gun grease or oil and install the recoil assembly. *Orient the recoil assembly so the very end of the coil of the outside spring on the muzzle end is at the top of the slide, at the noon position where the barrel is the 12 on the clock face.*
- Reassemble the pistol.



- Check functionality, cycle the slide, lock it back, etc.

That's it! The only time it is required to disassemble the recoil assembly is to change springs. Heat can help to get the locking compound to release. You may need to hold the guide rod in a padded vise for disassembly after applying heat. If that is too much, a gunsmith can change the springs for you.

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