



INSTALLING AN STI RecoilMaster

Upon receipt of your RecoilMaster, there are a few checks which the shooter or gunsmith should do to insure proper life of the system. For safety purposes, it is recommended that a qualified gunsmith or other persons trained in the assembly and teardown of weaponry do any type of modification to the gun. The installation of the STI RecoilMaster is as painless as disassembling the weapon as would normally be done for cleaning purposes.

THINGS TO LOOK FOR

1. After disassembling the weapon, check the back of the reverse plug and spring tunnel on the slide to insure that there are no steps. This includes the small vestiges, which are above the bottom of the slide rails, and extend up to the bore. These areas should be flat and square to the bottom of the rails.
2. Check the back wall of the dust cover, or guide rod head seat area on the frame to insure that it is flat and square, and that there are no steps between this wall and the front of the rails. If a step exists, you should machine this ledge and the front of the rails to insure that they are on the same plane and square to the rails.
3. Do not attempt to utilize the old standard reverse plugs as supplied with the original recoil system. A new reverse plug has been provided to insure proper function of the system and prevent overstressing of the spring.

After checking for the above items, the installation of the new RecoilMaster is as simple as installing any recoil spring. **CAUTION: ALWAYS USE SAFETY GLASSES WHEN INSTALLING SPRINGS INTO ANY FIREARM.** Assuming that you have already removed your slide from the frame, and that you have removed the recoil assembly and barrel, the rest is simple.

1. Compress the RecoilMaster using the reverse plug supplied with the system until you can insert the TAKE DOWN tool between the head of the GUIDE ROD and the front of the SPRING TUBE.
2. After installing the barrel back into the slide, turn the slide/barrel assembly upside down and insert the RecoilMaster into the spring tunnel on the slide. It is not necessary to remove the TAKE DOWN tool until after you have reinstalled the slide on the gun.
3. It is recommended that you take this time to re-oil the slide and at the same time, you may wish to add a few drops of oil on the RecoilMaster. Use of lubrication is strictly a shooters preference and will not affect the RecoilMaster in any way.
4. Turn the slide assembly back over and install on the frame in the usual manner.
5. After aligning the slide stop with the link hole, you can now rack the gun and remove the TAKE DOWN tool. Place the TAKE DOWN tool in a safe place for future tear down and assembly.
6. Rack the gun a few times to check for any unseen interferences.

We hope you enjoy your new STI RecoilMaster and good luck on the range.
