



*** CHANGING HAMMER SPRINGS ON NON-DETACHABLE TRIGGER GUNS
OR
HOW TO REMOVE A TRIGGER FROM A NON-DETACHABLE TRIGGER GUN**

REFER TO THE SCHEMATIC BELOW FOR REFERENCES

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These instructions are for the NON-DETACHABLE TRIGGER guns such as the MT6, MS80, MS2000S. These guns do not have removable triggers, per se. **We ARE GOING TO REMOVE THE TRIGGER, rather easily!**

If you are changing hammer coil springs and/or firing pins, this makes things a bit easier> However due to the availability of the old style bottom barrel firing pins, and because Perazzi Italy no longer makes these, caution is advised and explained herein.

My suggestion is, if it has not already been done, have the “web” removed from your RH bottom barrel hammer, (See illustration). The old style original hammers had a web in them due to the harden technology of that time period.

Today’s metallurgy hardening process is much easier and there is no need for the web.

CAUTION: *If you use a current design Perazzi bottom barrel firing pin with a webbed hammer you will end up causing some irreversible damage to the receiver itself. A webbed hammer will strike the firing pin, and because of the web, the firing pin is not only driven forward , but is also driven to the left, thus hogging-out the firing pin hole in the back of the receiver.*

This disassembly process would be a good time to correct the web in the hammer.

How to remove the entire trigger assembly from the receiver

1. With an appropriate punch, tap out the trigger guard pin #176. Removing the pin (See illustration) permits the separation of the REAR of the trigger guard from the receiver.
2. Lift and slightly rotate the rear of the trigger guard, exposing the 5mm hex bolt going UP into the top of the receiver’s tang.
3. Remove this hex bolt and the stock bolt female threaded “slug” #6187 if your gun comes equipped with this piece. Newer guns may not have this removable piece as the stock bolt hole is cast into the upper receiver housing. Set aside.

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4. With an appropriate punch, tap out pin #6175, the front trigger housing and cocking feet pin, and remove the entire trigger assembly by pulling back-and-down. Be careful not to misplace the two Cocking feet, part #164 sitting loosely in the trigger housing as you remove it.

NOTE: Most folks are not aware of this, but all guns come from the factory with the LEFT (top barrel) cocking foot having a small center punch mark on it.

5. You now have full access to the hammer coil springs, firing pins, connector, release “tree”, etc. Coils springs can easily be replaced at this time using the genuine Perazzi Coil Spring tool available through my shop.

HINT: Replacing these coils can be a bugger, and I suggest that because the Cocking feet are now NOT in the assembly, the springs are a bit easier to install.

6. Now you will CAREFULLY do a couple of things to ensure the reassembly process is correct.

The cocking feet pose the biggest problem during reassembly. Consequently, I suggest using a “slave” pin designed to hold the cocking feet in place in the trigger assembly while you reinsert the assembly back into the receiver. You would insert the slave pin which will hold both cocking feet in place as you reassembly the unit.

7. I suggest that you also cock the hammers prior to reinstalling the assembly.
8. This is a very CRITICAL STEP where carelessness can do some damage. As you swing into place/reinsert the complete trigger assembly back into the receiver, YOU MUST BE AWARE OF THE connector (often times called the “inertia block”) #158’s position. There is a lateral groove in the top of the inertia block. As you press the assembly into position you MUST BE CERTAIN that the safety/barrel-selector resides IN THIS LATERAL GROOVE, freely.
9. If you reinsert the stock bolt slug #6187 and then attempt to tighten the 5mm hex bolt, and the safety/barrel-selector is NOT in the Connector’s groove, you are going to bend or break something.
10. When you have the assembly inserted flush with the bottom of the receiver and the hex bolt in place, drive back in the forward pin #6175 you removed in STEP 4. As you drive this pin into position, the “slave” pin will be ejected from the receiver ensuring the cocking feet are in place.
11. Rotate and hold the rear of the trigger guard into position and drive in pin 176.

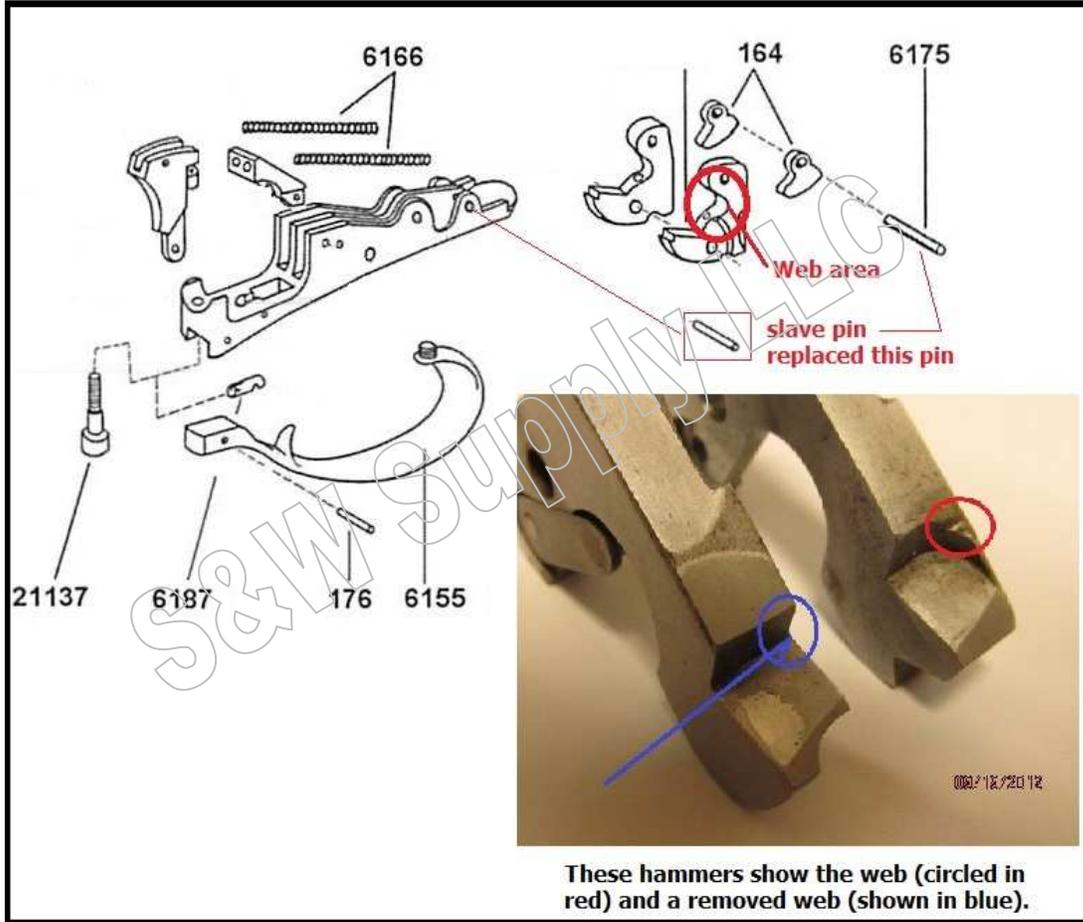
RECOMMENDATIONS: I clean ALL receivers and trigger in a heated vibrasonic cleaner using lacquer thinner, However, in doing this one can ruin a part called the “Under Safety.” This is a clear plastic piece residing directly under the safety and its purpose is to prevent bluing wear from the Safety/Barrel Selector’s movements.

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CAUTION: I do NOT clean case hardened, Mirage, SCO, or SC3 receivers in lacquer thinner. Perazzi sprays these receivers with lacquer to prevent rust on the metal surfaces. When I am finished with the above, I spray everything with Rem Oil® and use high pressure air.



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