Start the sear pin from the left side of the gun, and insert it until it is stopped by the misalignment of the sear. Now take your small screwdriver and lift the tip of the sear slightly until the hole lines up. This will take a bit of maneuvering, but is easy after you have done it a few times. Press the sear pin through the sear, and make sure it goes through the hole in the center of the disconnector as well.


## MAINSPRING HaபSING

There are two pieces that go into the mainspring housing in addition to the mainspring itself. The top one is the mainspring cap, and it's concave area holds the hammer strut centered in the housing. The one with the pointed end is called the mainspring housing pin retainer. Its job is to hold the mainspring housing pin centered into the frame when the whole assembly is together.


Install the mainspring housing pin retainer into the bottom of the mainspring and insert them both into the housing. Insert the mainspring housing cap in the end of the spring. Also, just start the tiny mainspring housing retainer pin into the housing. Hold the assembly horizontal firmly and depress the spring and cap into the housing with your $1 / 8$ " punch. Quickly press the retainer pin in place to hold the assembly together. This is another procedure that seems difficult until you have done it a few times.

Set the sear spring in it's location slot in the back of the frame. The left leaf should be on top of the sear, the center leaf should bear against the disconnector, and the right leaf is free for now. It will place tension on the grip safety when it is assembled, so sticks out of the frame a bit right now. Making sure the sear spring is in it's lower location slot, slide the mainspring housing into the frame. Stop just short of flush with the bottom, and then install the grip safety. Holding the grip safety in place, press the mainspring housing home and install its lower pin. This usually requires a tap from the brass or plastic hammer to seat it fully.


