



File ([hide](#)):
[1429908339952-
1.png](#) (1.32 MB,
1244x3020, 311:755,
[VmacThread1.png](#))



[\[-\]](#) ► Homemade Chopper Part 2: The Pie Fight. Phaideaux!FIDO15vOHc 🇺🇸 04/24/15 (Fri) 15:45:39
ad8dd2 [No.115157>>115233](#) [\[Watch Thread\]](#)

Homemade Chopper Part 2: The Pie Fight.

Sorry for the delay.

FIRST THREAD LOCATED HERE

[>>101168](#)

As well as being pictured above. If someone wants to do a better screencap of that, have at it.

THIS WEEK:

I fuck up building a mac, but subsequently fix most of the problems.

► Phaideaux!FIDO15vOHc 🇺🇸 04/24/15 (Fri) 15:49:14 ad8dd2 [No.115158](#)

File ([hide](#)): [1429908554720-0.jpg](#) (2.77 MB, 4208x3120, 263:195, [Figure2-1.jpg](#))



File ([hide](#)): [1429908554720-1.jpg](#) (2.3 MB, 4208x3120, 263:195, [Figure2-2.jpg](#))



File ([hide](#)): [1429908554720-2.jpg](#) (2.27 MB, 4208x3120, 263:195, [Figure2-3.jpg](#))



I'm sorry, but due to having a small window to use the drill press (and forgetting to grab my phone) I didn't get pictures of drilling the side plates. However: here's how I did it.


TO LOCATE THE FIRST HOLE

I hinged everything off the forward most hold that holds the upper receiver section to the lower, as indicated in 2-1.

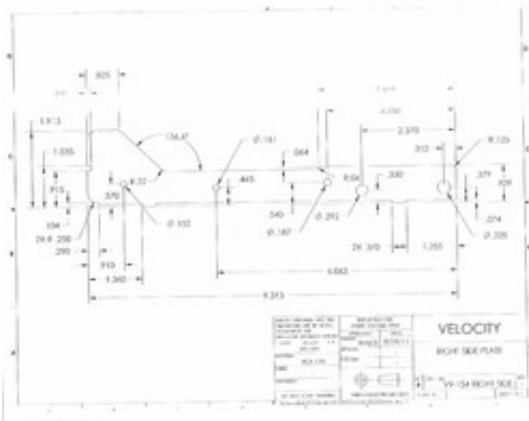
To transfer the hole's position: I used a soap stone (basically really hard chalk used to mark metal. You can get the stuff at any welding shop for like \$1) and a ruler to draw a "crosshair" on the upper, with the center of the hole being the center of the cross as in 2-2.

I then used that ruler to transfer the crosshair onto the lower as in 2-3. (Obviously, the hole was not already drilled at this point.) I then center-punched it with an old awl and used that mark to drill my first hole, with a "P" drill bit (0.323" diameter) straight through both sides of the receiver, using a drill press.

We will be referring back to this post later.

► Phaideaux!FIDO15vOHc  04/24/15 (Fri) 15:50:47 ad8dd2 [No.115159](#)

File ([hide](#)): [1429908647764-0.jpg](#) (584.31 KB,
3276x2526, 546:421,
[RightSideDimensions.jpg](#))



File (hide): [1429908647764-1.jpg](#)
(294.01 KB, 2526x3276, 421:546, [RightSideTapeOn.jpg](#))



Next: use that hole to apply one of the sideplate templates. Simply line the paper up over that hole (A flashlight on the inside of the lower makes this easier) and line the top of the template up to the top of the

sideplate. Tape/glue it down (I used blue tape). I only ever bothered applying the right sideplate template. This is owing to the safety hole being larger on the right than the left. For this hole: simply drill the smaller diameter (.255", I used a 1/4" drill bit then opened it up slightly with a file) all the way through, then drill the larger diameter (.292", I used an "L" drill bit.) though the right side only.

The other holes are all drilled straight through both sides. The trigger pin hole at .187" (I used a 3/16" bit) and the hammer pin hole at .161" (#20 bit). Interestingly the rearmost hole doesn't seem to actually be used for anything. I suspect it might be a holdover from the open bolt guns, but I am not sure. In any case, I drilled it though at .152" (#24 bit).

Your holes will probably have some burrs, so clean them up with a file. I also applied some light oil to the area while drilling all holes. That's probably not really necessary, but the bits I have are a bit crap, so I was a little nervous with them.

You will notice that the stated dimensions and drill bits I actually used are sometimes off by a couple of thousandths. I was expecting to maybe have to open the holes up a hair, but it didn't seem to matter anywhere except for the small diameter of the safety hole.

Here are all the sideplate templates at what should be full size. They do give you all of these pages at proper scale with the kit. The above image should probably not be used, it has likely not retained the proper scale.

<http://www.mediafire.com/download/2sidw7kzc22n141/MacScans.rar>

► Phaideaux!FIDO15vOHc 🇺🇸 04/24/15 (Fri) 15:52:18 ad8dd2 [No.115161](#)

YouTube embed. Click thumbnail to play.




ASSEMBLY

Instead of my trying to explain how to assemble this thing, here is a video on how to assemble a cobray closed bolt m11/9. The only difference between that and the Vmac kit is the cobray uses E-clips to hold a couple of the pins in, where as the Vmac kit uses Allen bolts, which is, frankly, better.

Oh, also: you don't get a "trigger boot" with the vmac kit. If you really want one, use a piece of surgical tube or whatever to slip over the trigger. Or just man up.

This video is also embedded above:

<https://www.youtube.com/watch?v=H4CBsT-GRA4>

► Phaideaux!FIDO15vOHc  04/24/15 (Fri) 15:54:11 ad8dd2 [No.115164](#)

File ([hide](#)): [1429908851428-0.jpg](#)
(1.21 MB, 1560x2104, 195:263,
[Figure5-1.jpg](#))



File ([hide](#)): [1429908851428-1.jpg](#) (1.54 MB,
2104x1560, 263:195, [Figure5-2.jpg](#))



File ([hide](#)): [1429908851428-2.jpg](#)
(979.94 KB, 1560x2104, 195:263,
[Figure5-3.jpg](#))



THE MINOR FUCKUPS:

For some reason, on my example the trigger would not travel far enough forward to ensure reliable release of the rear sear on the hammer. This was an easy fix. A small amount of material was filed off the front of the slot in which the trigger travels, as indicated in 5-1, until the rear sear would release and the hammer would fall to rest on the front sear.

The reason material was removed here and not on the sear is: if the rear sear was modified it would be possible to accidentally create a controllable auto firing gun. Removing material where I did, this is not a possibility. DO NOT MODIFY THE SEARS ON THE HAMMER, OR THE SEAR PLATE (Indicated in 5-2) IF YOU DO NOT WANT A \$250,000 FINE AND 10 YEARS IN FULL FEDERAL BUTTRAPE PRISON FOR MAKING AN UNREGISTERED FULL RETARD MAC 11.

Also: the safety would not seat fully or move in its full arc because of my bubblegum. This was simply filed flat as in 5-3 until the groove on the safety would interact with that paperclip looking spring. If your weld was better this would probably not be necessary.

► Phaideaux!FIDO15vOHc 🇺🇸 04/24/15 (Fri) 15:54:57 ad8dd2 [No.115165](#)

File ([hide](#)): [1429908898108-0.jpg](#) (1 MB, 1560x2104, 195:263, [6-0.jpg](#))



File ([hide](#)): [1429908898108-1.jpg](#) (3.36 MB, 4208x3120, 263:195, [Figure6-1.jpg](#))




File ([hide](#)): [1429908898108-2.jpg](#) (1.68 MB, 2104x1560, 263:195, [Figure6-2.jpg](#))



THE MAJOR FUCKUP.

I didn't get that front hole placed properly. Its too far rearward (indicated in 6-0). This is because I did not have the spacer (indicated in 6-1) in the lower when I did that crosshair transfer thing in post 2. Luckily, I did not yet weld in the front reinforcement piece (indicated in 6-2) so the fix will simply be to elongate the font hole, then weld in that piece which reinforces the front hole in the proper position.

To avoid the problem altogether, simply have that piece in the lower as stated. Luckily, even though this means the dimension of the hammer pin is also a little off, it still strikes the firing pin quite well (as evidenced by the pen now stuck in my ceiling) so it should present no further problems.

► Phaideaux!FIDO15vOHc  04/24/15 (Fri) 15:55:55 ad8dd2 [No.115166>>116326](#)

File ([hide](#)): [1429908955879-0.jpg](#) (346 KB, 1980x1801, 1980:1801, [VMAC9-100-with-lettering1.jpg](#))



File ([hide](#)): [1429908955879-1.jpg](#) (43.93 KB, 800x395, 160:79, [MAGSTEN10PKD.jpg](#))



NEXT TIME:


Fixing that dimension problem, Bore-sighting and welding on the rear sight (Hopefully I can get some footage of that) and finding a range that won't freak when I ask to shoot this thing.

Also: Reconditioning cheapo 20 round Sten Mags into their full former 32 round glory. Because I have 20 of these things.

<http://www.centerfiresystems.com/MAGSTEN-10PK.aspx>

ETA: hopefully less of a delay this time (sorry.)

STAY TUNED STRELOKS

► Phaideaux!FIDO15vOHc  04/24/15 (Fri) 18:01:19 ad8dd2 [No.115229](#)

File ([hide](#)): [1429916480100-0.jpg](#)
(688.43 KB, 1170x1578, 195:263,
[a-1.jpg](#))



File ([hide](#)): [1429916480100-1.jpg](#)
(948.77 KB, 1170x1578, 195:263,
[a-2.jpg](#))




File ([hide](#)): [1429916480100-2.jpg](#)
(326.71 KB, 1170x1578, 195:263,
[a-3.jpg](#))



So I went ahead and finished this.

Using the bubba's best friend, I elongated the front hole until the pin would fit through, as in a-1, I then welded in the reinforcement section (a-2). It should be noted that this section hung out the front of the receiver about 1/32" (a-3), I'm not exactly sure why.

In any case, this should now be a functional m11/9 clone. Still have a few finishing touches to go though.


► Phaideaux!FIDO15vOHc  04/24/15 (Fri) 18:01:56 ad8dd2 [No.115232>>115234 >>115421](#)

File ([hide](#)): [1429916516980.jpg](#) (164.87 KB, 593x705, 593:705, [a-4.jpg](#))



Annnnd teaser shot.

See you next time Streloks~

► Strelok  04/24/15 (Fri) 18:05:08 d59075 [No.115233>>115237](#)