



THE GATALOG PRESENTS:

The OK, ZOOMER V2
Printable Ruger SR45 Frame
by
Uberclay

OK ZOOMER V2



CREDITS

FreeMenDontAsk for the original SR design

Unseenkiller for the Bishop shell

The OK ZOOMER V2 beta team

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Safety Advisory

For fuck's sake, you're building a firearm.

Putting a gun together is no joke. Firearms are dangerous tools that must be treated with care and respect. You are responsible for your safety, and those surrounding you when you work with or operate firearms. Fellow developers or engineers cannot be responsible or liable for what you do or don't do.

As a general reminder, here are some rules to keep in mind:

Always treat a gun as if it is loaded.

- Remove the magazine and check the chamber yourself to verify the gun is unloaded.
- Keep your firearm always pointed in a safe direction.
- Never point your gun at anything you don't intend to destroy.

Be aware of what is in front and behind of your target.

But specifically, for working on your firearm, you should remember the following too:

Keep live ammo away.

Use snap caps or dummy rounds to verify function of your firearm. Never keep live ammo around your workspace, and certainly never mix them with your dummy ammo.

A clean gun is a safe gun.

Never leave your firearms uncared for to foul or dirty up. Debris can cause malfunctions, which can be dangerous.

Always read and follow directions.

Don't ignore a warning or follow instructions out of order.

Use prudent judgment.

If something doesn't add up – use common sense. Stop, inspect, and re-evaluate your previous actions and procedures.

Remember that it is our shared responsibility to be safe and smart with firearms and show the world there is a peaceful way to own guns — take the time to get training, to learn basic (and advanced) safety rules, and to share the hobby with everyone interested. Those most scared of guns in the hands of people are often the ones who have no experience with guns in the first place.

TOOLS AND SHOPPING LIST

- Gunsmithing Punch Set
- Small Hammer or Mallet
- Bench Block or Soft Mat

- To assemble this firearm, you will need:
- 1) SR45 PARTS KIT
- 1) SR9/40/45 RAIL
- GLOCK MAG CATCH SPRING
- GLOCK 21 MAGAZINE

You will need the following Hardware:

PARTS CHECKLIST

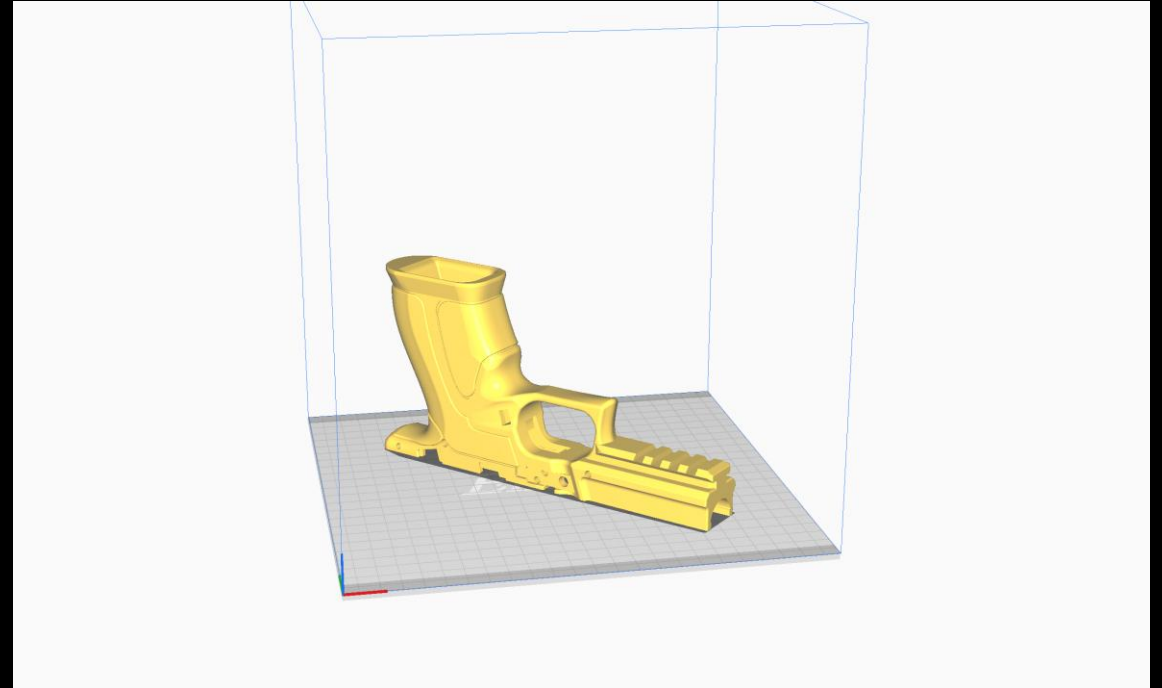
1. Slide
2. Barrel
3. Guide rod and recoil spring
4. Trigger, trigger bar, and sear assembly
5. Locking block
6. Slide catch
7. Takedown pin
8. Trigger Pin
9. Rear block pin
10. Upper locking block pin
11. Lower locking block pin
12. SR rear rail (purchase separately link below)
13. SR rear rail pin (should come with rear rail)

maf-arms.com/product/zoomer-sr-rear-rail/SR9/SR40/SR45-DIY-Rail-Kit-Aluminum



Print Orientation and Settings

- 8 walls/100% infill
- Extruder 200C
- Bed 60C
- 'Rails Down' (rails up is ok too if you are so inclined)
- (or use your preferred settings if experienced)
- .2 or less layer height recommended



ASSEMBLY STEPS



INSTALL THE MAG CATCH

Grab your Glock mag catch and spring



INSTALL THE MAG CATCH

Insert the mag catch and spring



INSTALL THE MAG CATCH

Using a small screwdriver or punch, push the spring into the slot in the mag catch

ASSEMBLY STEPS



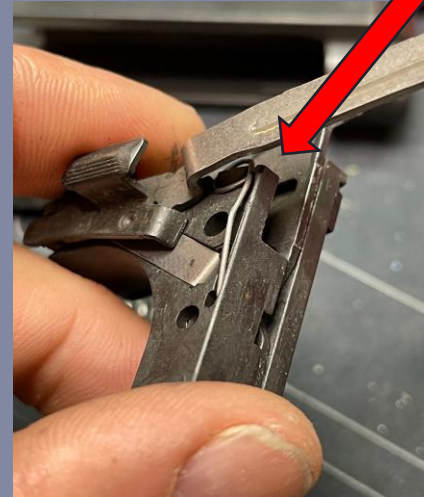
INSTALL THE RAIL

Watch that the rail is straight and that the pocket is clean.



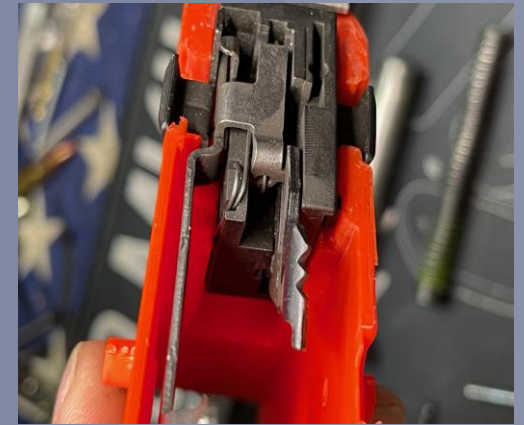
ASSEMBLE THE TRIGGER BAR TO THE LOCKING BLOCK

Use the short pin with the flat sides, not the one that is rounded.



VERIFY THE SEAR SPRING IS IN CORRECTLY

This spring is easy to get pinched in the wrong place until it gets installed.



CAREFULLY SLIDE THE TRIGGER ASSEMBLY IN

Watch the rear spring placement



VERIFY EVERYTHING LINES UP

Gently tap the locking block into place



LOOK THROUGH THE REAR PIN HOLE

Make sure it lines up



START THE REAR PIN

Your ejector needs to be slightly down for this. Take your time this is the tricky part.



CLOCK THE PIN CORRECTLY

The flat should be between 2 and 3 on the clock



CORRECT CLOCKING

The correct position is between 2 and 3 on the clock.



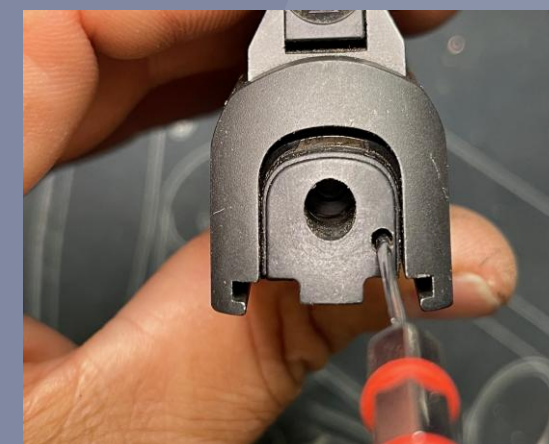
VERIFY EJECTOR POSITION

If correct, your ejector should flip all the way up.



INSTALL THE OTHER PINS

Finish installing the locking block.



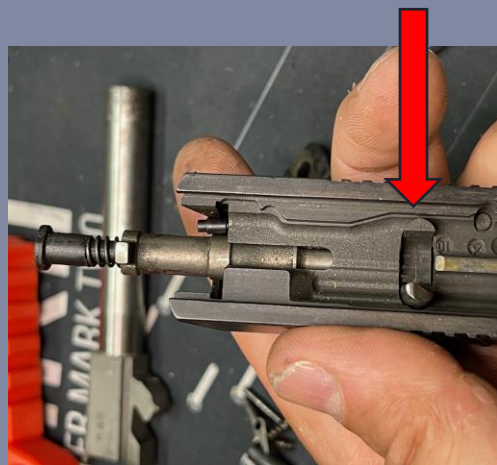
REMOVE THE BACKPLATE

Press in the pin through the small hole to allow the backplate to slide out.

REMOVING THE MAGAZINE DISCONNECT



REMOVE BACKPLATE



**PULL THE STRIKER
PARTIALLY OUT**

Remove the striker enough
to withdraw the magazine
disconnect.



**PUSH THE STRIKER
BACK INTO PLACE**

Reinstall the backplate
after pushing the
striker back into place.



**CAREFULLY INSTALL
THE SLIDE INTO
PLACE**

Flip the ejector all the
way down and install
the slide. Lock it back
and install the catch
pin.



TROUBLESHOOTING

Ejector does not go into full down or full up

Check rear pin clocking

Trigger does not break

Check that ejector is in full up position

(99% of malfunctions relate to the rear pin position)



In Conclusion



1.You should never have to pay for any files (or subscriptions for files)

2.Everything you want is available for free somewhere. Don't give the grifters your money.

3.Please modify and share freely.

4.Don't use Tinkercad, Maya, or 3dMAX to CAD. Use a program like Fusion360 or Solidworks so others can build on your work. (Include STEP files)

5.Have Fun and Be Safe

-UberClay