The 37mm Nameless Launcher
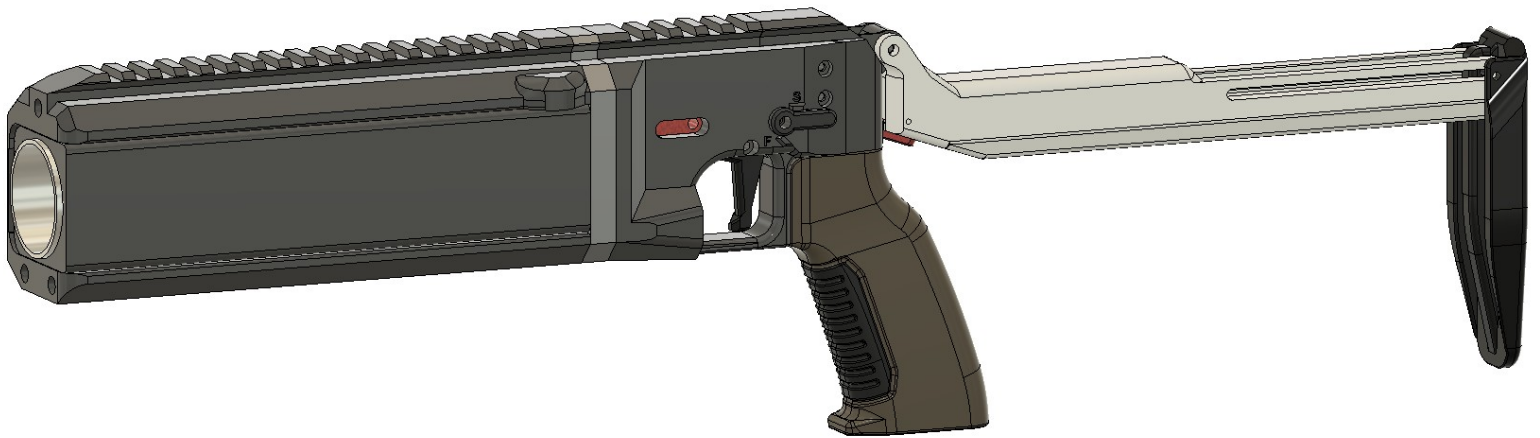
Description

This is the 37mm brother of the 26.5 Nameless. Featuring an auto opening barrel and safety.

This system has been tested to meet AWCY Launcher Testing Certifications.

Hardware

3x M5x20mm Bolts

9x M3x25mm Bolts & Nuts

4xM3 Nuts

2x M3 Heat Set Insert

2x Ender Spring (or equivalent)
1x 25x8mm Spring (Not as strong as Ender Spring)

3mm Rod (72mm)
3mm Rod (45mm)

1x ¼ x 20 Threaded Rod (320mm)
2x ¼ x 20 Threaded Rods (250mm)
6x ¼ x 20 Nuts
1x 200mm Barrel

--- OR ---

1x ¼ x 20 Threaded Rod (250mm) (Short)
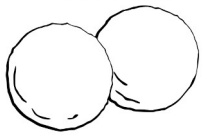2x ¼ x 20 Threaded Rods (180mm) (Short)
6x ¼ x 20 Nuts
1x 130mm Barrel

-----Stock-----
1x M4x30mm Bolt & Nut
1x M3x35mm Bolt & Nut
1x 5x10mm Spring

Settings

PLA+ minimum.

All Parts: 12-15 Walls, 25+ Infill (Minimum)
Breech: All walls/100% Infill

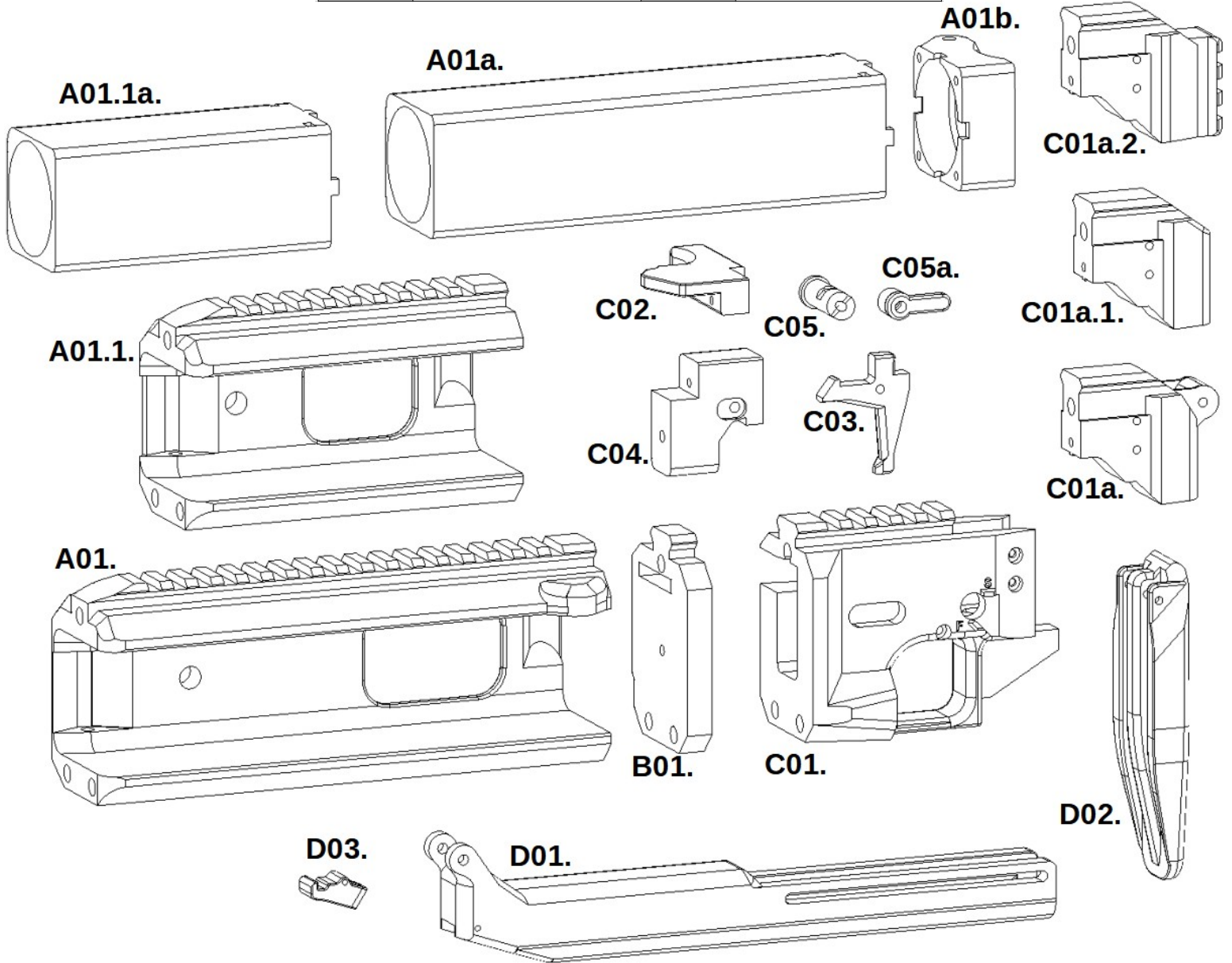Tree Supports are recommended, but do what you want.

Print Orientation

All parts are saved in their recommended orientation.

Ammunition

Please see the **37mm Handbook** or **MILC** documentation.

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Printed Parts Break Down

| Printed Parts			
A01.	Front Body	C01a.2.	Receiver Rear (Pic Rail)
A01.1.	Front Body (Short)	C02.	Locking Lever
A01.1a.	Barrel Retainer (Front Short)	C03.	Trigger
A01a.	Barrel Retainer (Front Long)	C04.	Striker
A01b.	Barrel Retainer (Rear)	C05.	Safety Bar
B01.	Breech	C05a	Safety Lever
C01.	Receiver Front	D01.	Stock Body
C01a.	Receiver Rear	D02.	Butt Pad
C01a.1.	Receiver Rear (Slick)	D03.	Lock Button

A01.1a.

A01a.

A01b.

C01a.2.

A01.1.

C02.

C05a.

C05.

C01a.1.

C04.

C03.

C01a.

A01.

B01.

C01.

D02.

D03.

D01.

SCS Parts Break Down

Parts Numbering Guide	
A01.	Main Part
A01a.	Sub-assembly
A01.1.	Alternative to Main Part

Printed Alt.	
X01.	Breech (SCS)
X02.	Stock Spacer (Rear)
X02a.	Stock Spacer (Front)

Printed Alternatives

X01.

X02a.

X02.

SCS Parts

Breech Face
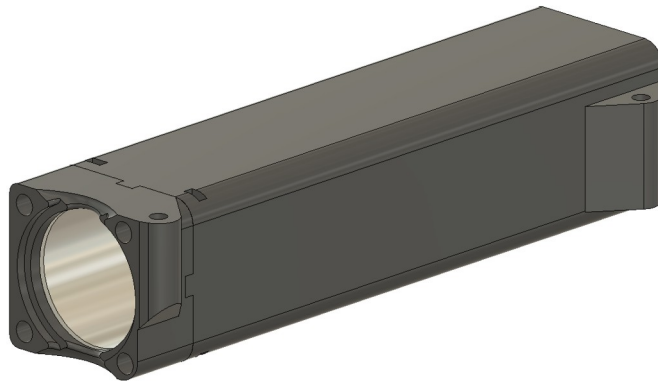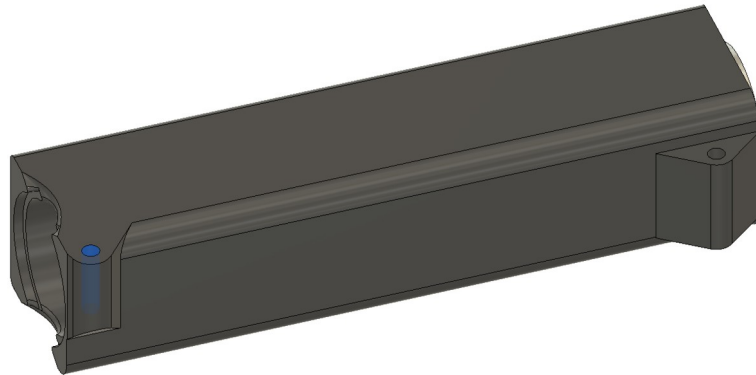
Trigger

DMB + Co.

Stock Arms
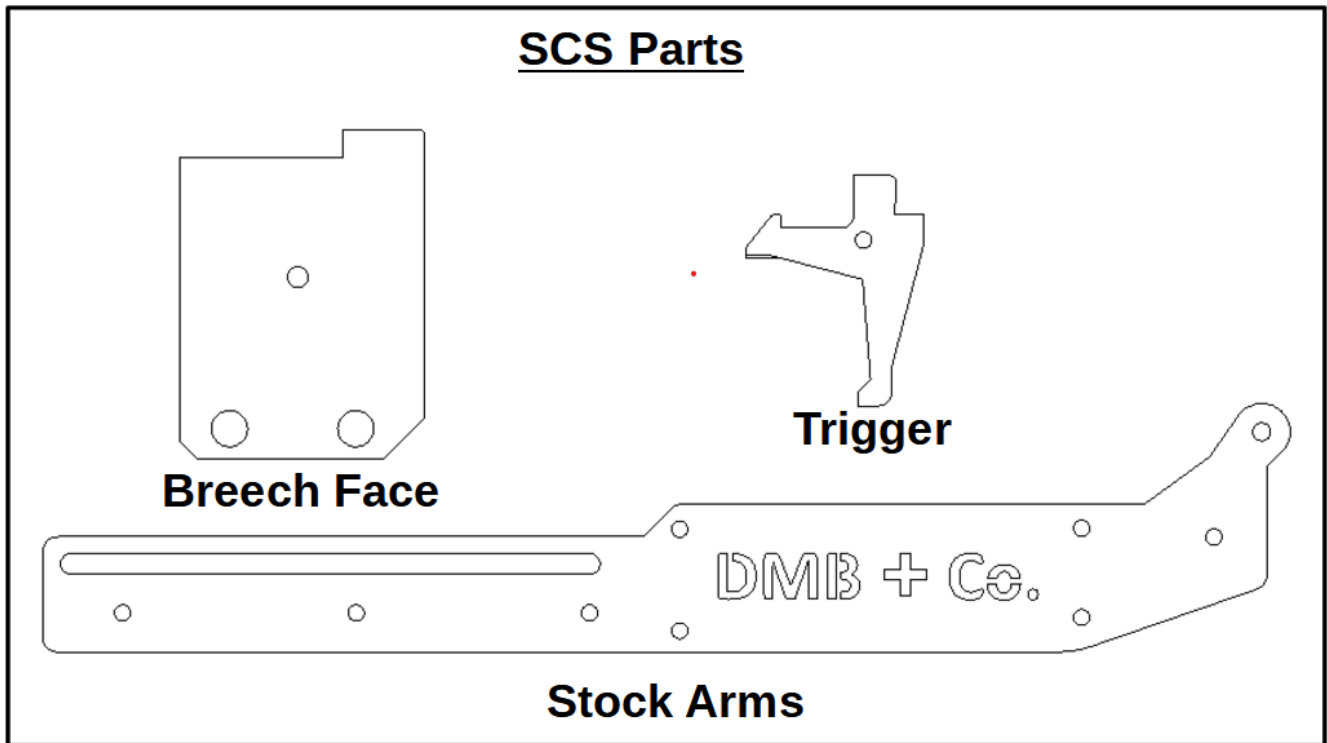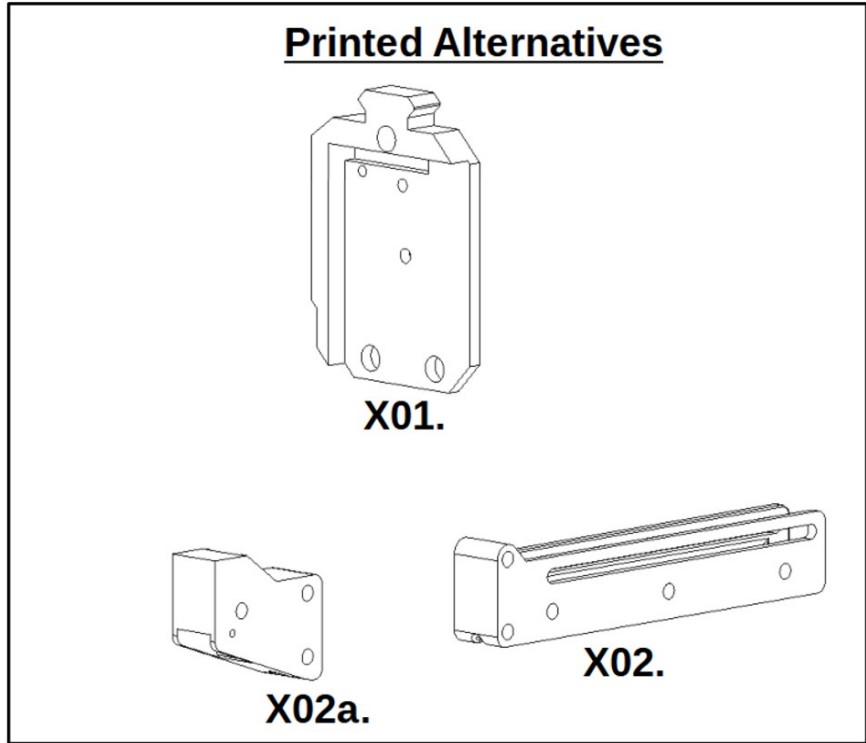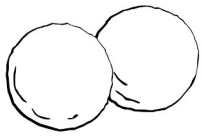
Assembly

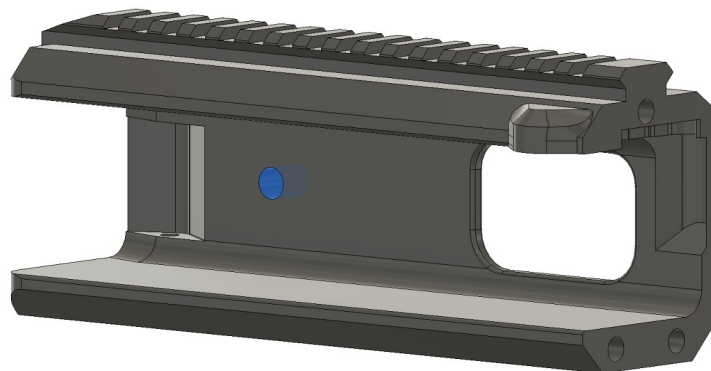<u>1. Barrel Retainer</u>

   a. Epoxy Barrel into Barrel Retainer (Front) & attach Barrel Retainer (Rear) with 4x M3x25mm Bolts & Nuts.
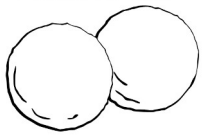

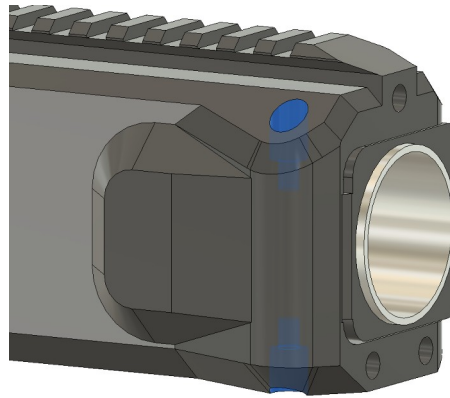   b. Insert 5x20mm bolt into the rear hole of the Barrel Retainer.

   c. Insert Ender Spring into Front Body.

d. Insert Barrel Retainer into Front Body. Install 2x M5x20mm Bolts through the pivot point.
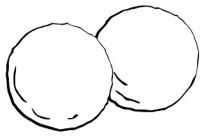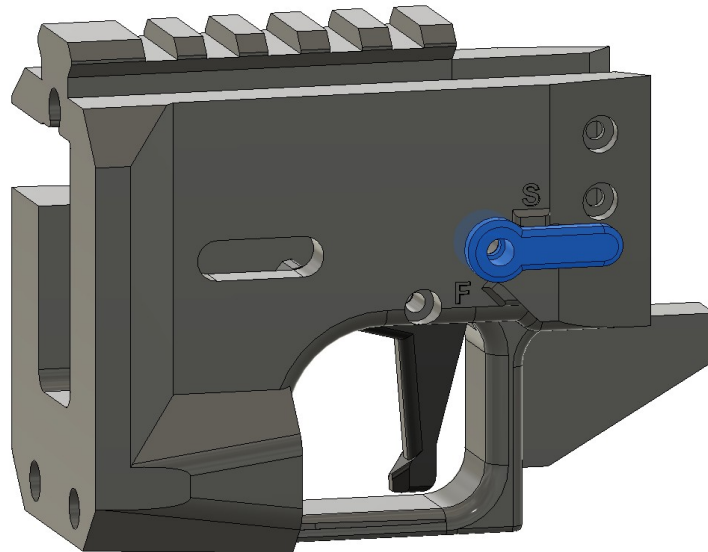

2. Trigger/Striker

a. Insert Trigger into front of Front Receiver. Secure with M3x25mm bolt & nut.

b. Insert Safety Bar through right side of Front Receiver.

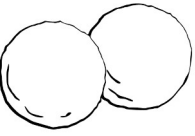c. Insert Safety Lever (w/ M3 insert) into left side. Secure with M3x25mm Bolt.

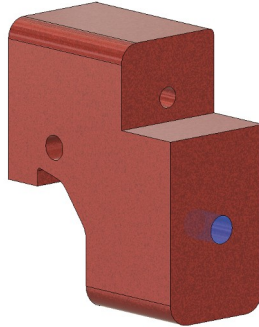

d. Insert 3mm Rod (72mm) into Receiver Rear.

e. Insert Receiver Rear into Receiver Front. Secure with 2x M3x25mm Bolts & Nuts.
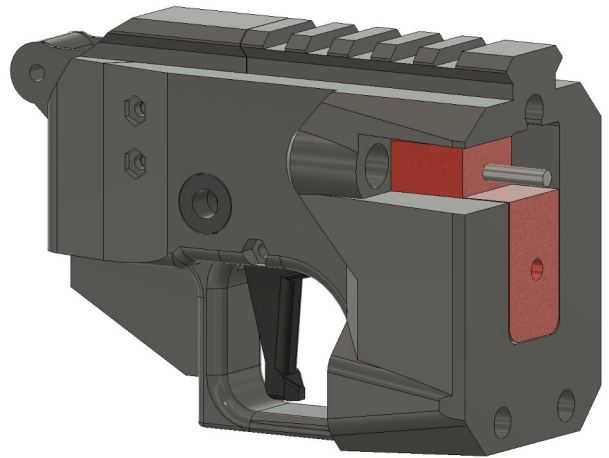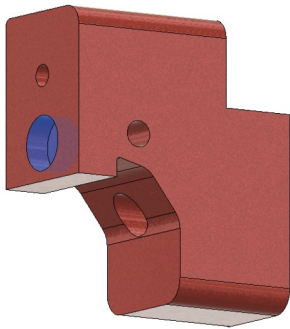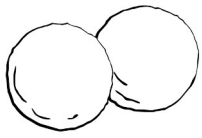
f. Install Heatset Insert into front of Striker. Install M3x25mm Bolt into Striker from rear (Firing Pin).
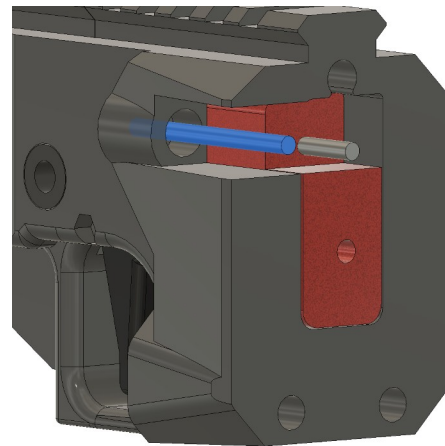
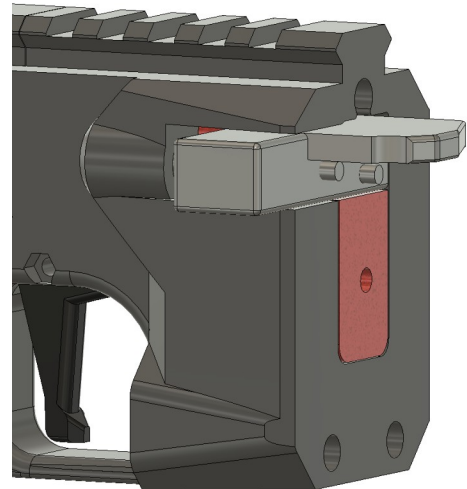g. Insert Ender Spring into Striker. Insert Striker onto 3mm Rod into the front of the Receiver.
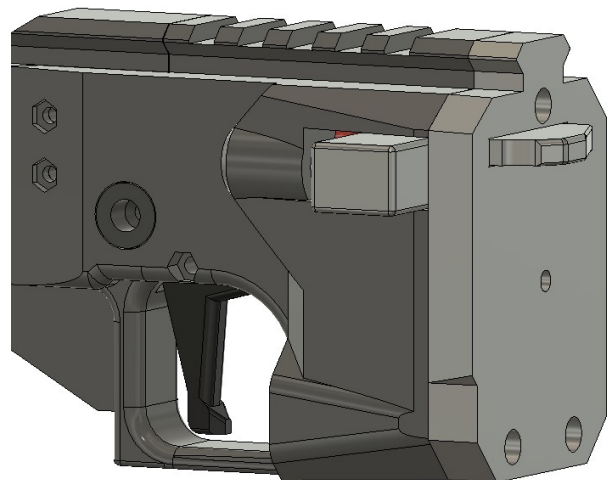
3. Locking Lever/Breech

   a. Insert 3mm Rod (45mm) into Receiver Front.
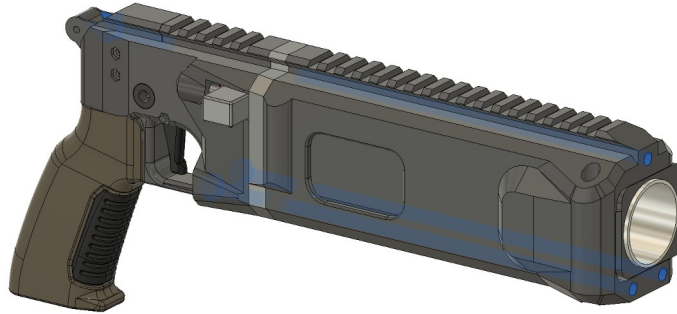
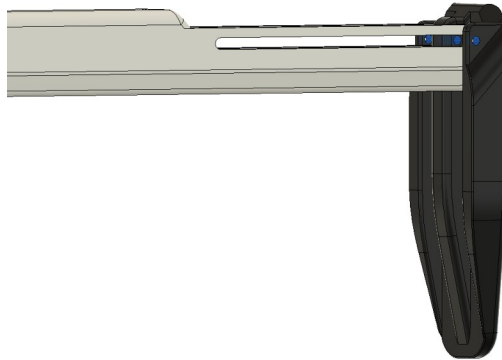   b. Install Spring & Locking Lever.

   c. Install Breech onto the Receiver Front.

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4. Final Assembly
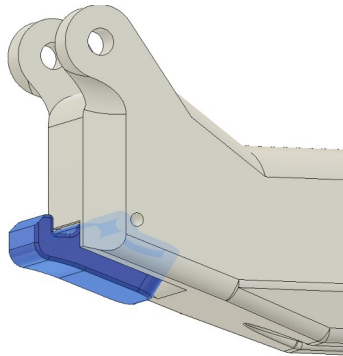
a. Install ¼ Threaded Rods and Nuts through all components.

5. Stock

a. Install Butt Pad onto Stock Body with M3x35mm Bolt & Nut.

b. Install Lock Button into Stock Body with 5mm Spring. Secure with a small snip of filament

c. Install onto launcher with M4x30 Bolt & Nut.

6. SCS Parts (Optional)

Additional hardware required:
        -16x M3x6-10mm Bolts
        -16x M3 Heatset Inserts

a. Replace B01. Breech with X01. Breech (SCS). Install the Breech Face.
    -**Note:** The Breech Face is clamped in place buy the 1/4in Threaded Rods.

b. Install 16x Heatset Inserts into the Stock Spacers.

c. Install Lock Button & 5mm Spring into Stock Spacer (Front). Secure with filament snip.

d. Install Stock Arms onto Stock Spacers with 16x M3 Bolts.

f. Install the Butt Pad with M3x35mm Bolt & Nut.

g. Install Stock onto launcher with M4x30mm Bolt & Nut.
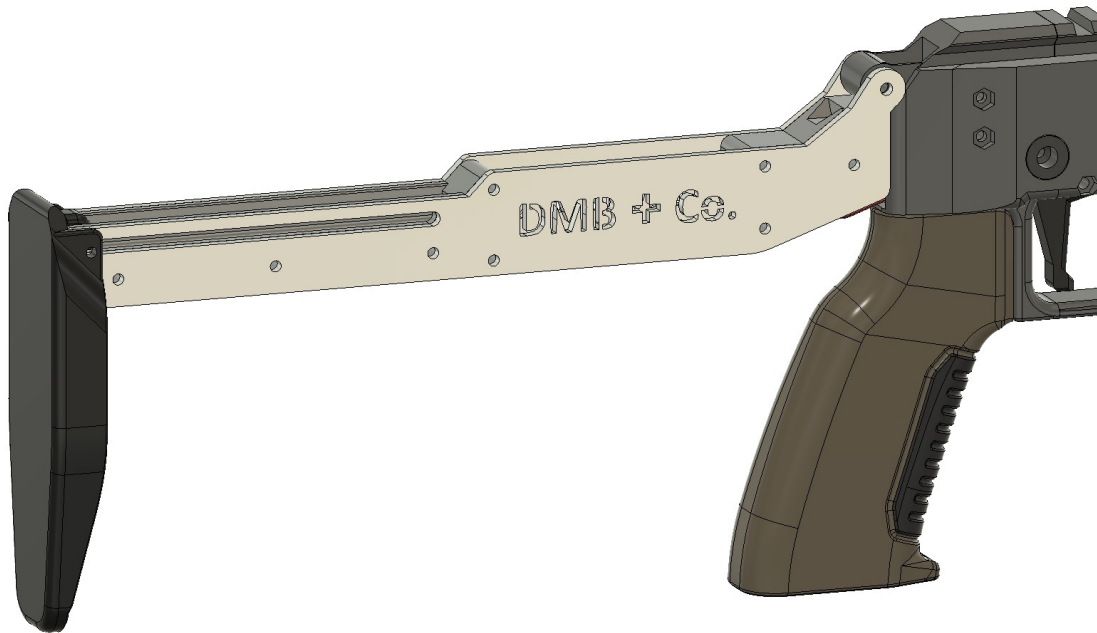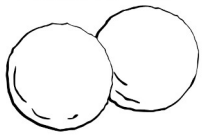
<u>Credits</u>

<u>Alpha Team:</u>
Copper_Shop_419
40oz

<u>Beta Manager:</u>
Copper_Shop_419

<u>Beta Testers:</u>
40oz
atticus
krrawn
rustyshackleford777
CHAOS TWIN 1
CHAOS TWIN 2
DaFizzles
Nester
NOT_BATFE
Nutabunga
OA
staykindasick
Nester
GutterCheese
Caska
ghostrider6103

If you have any questions, comments, improvements, or suggestions please find me
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