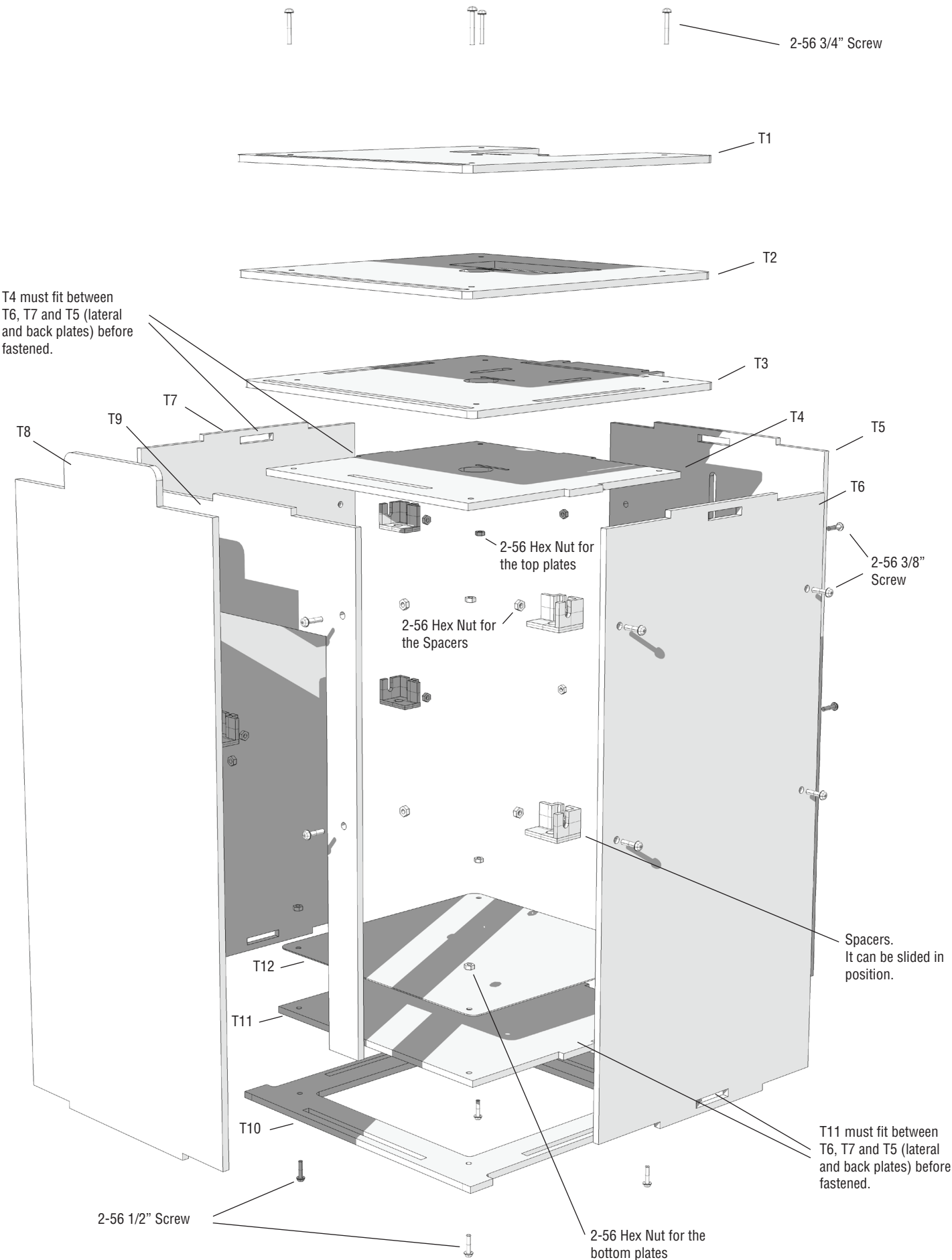


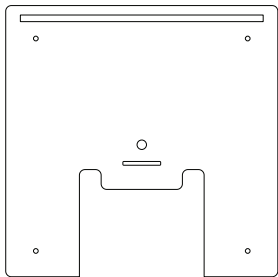
Fluorescens Time-Lapse Imaging Station Assembly Instructions

Top Module Assembly

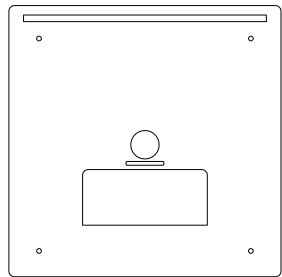


Top Module Parts 1:4

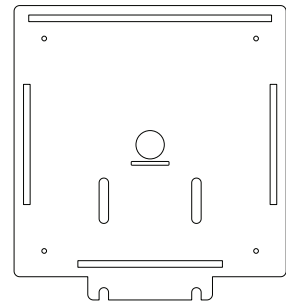
T1



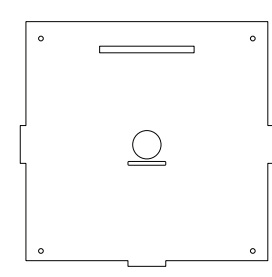
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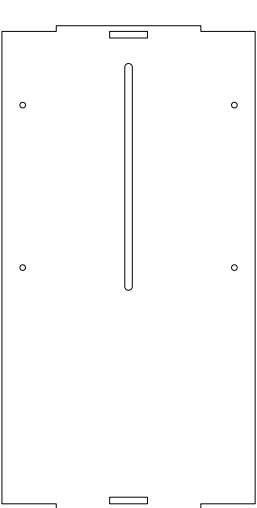
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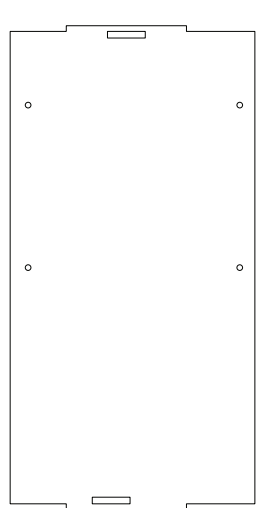
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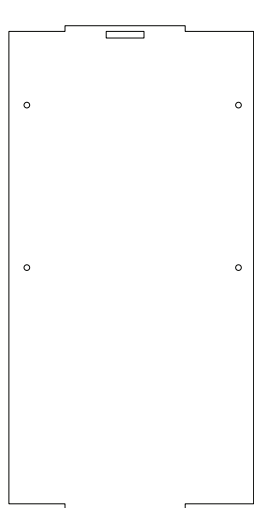
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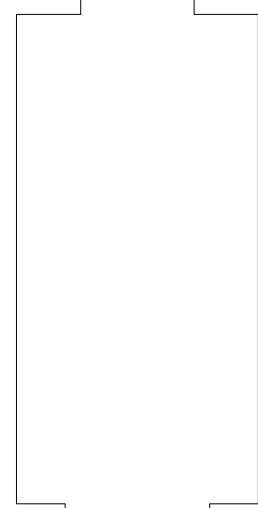
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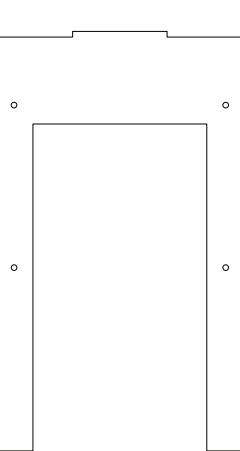
T7



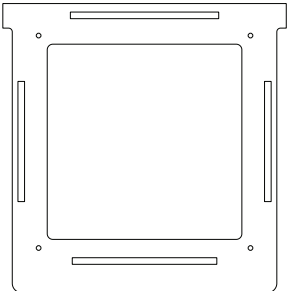
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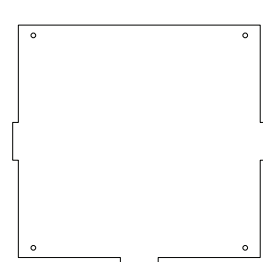
T9



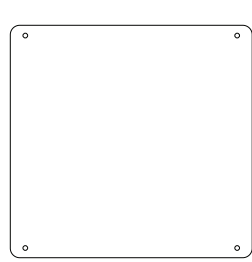
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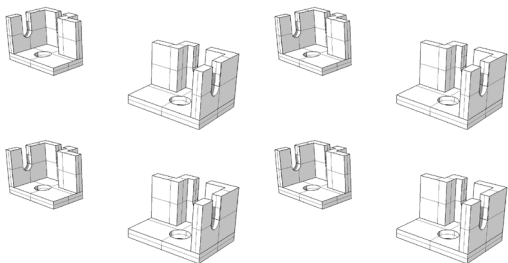
T11



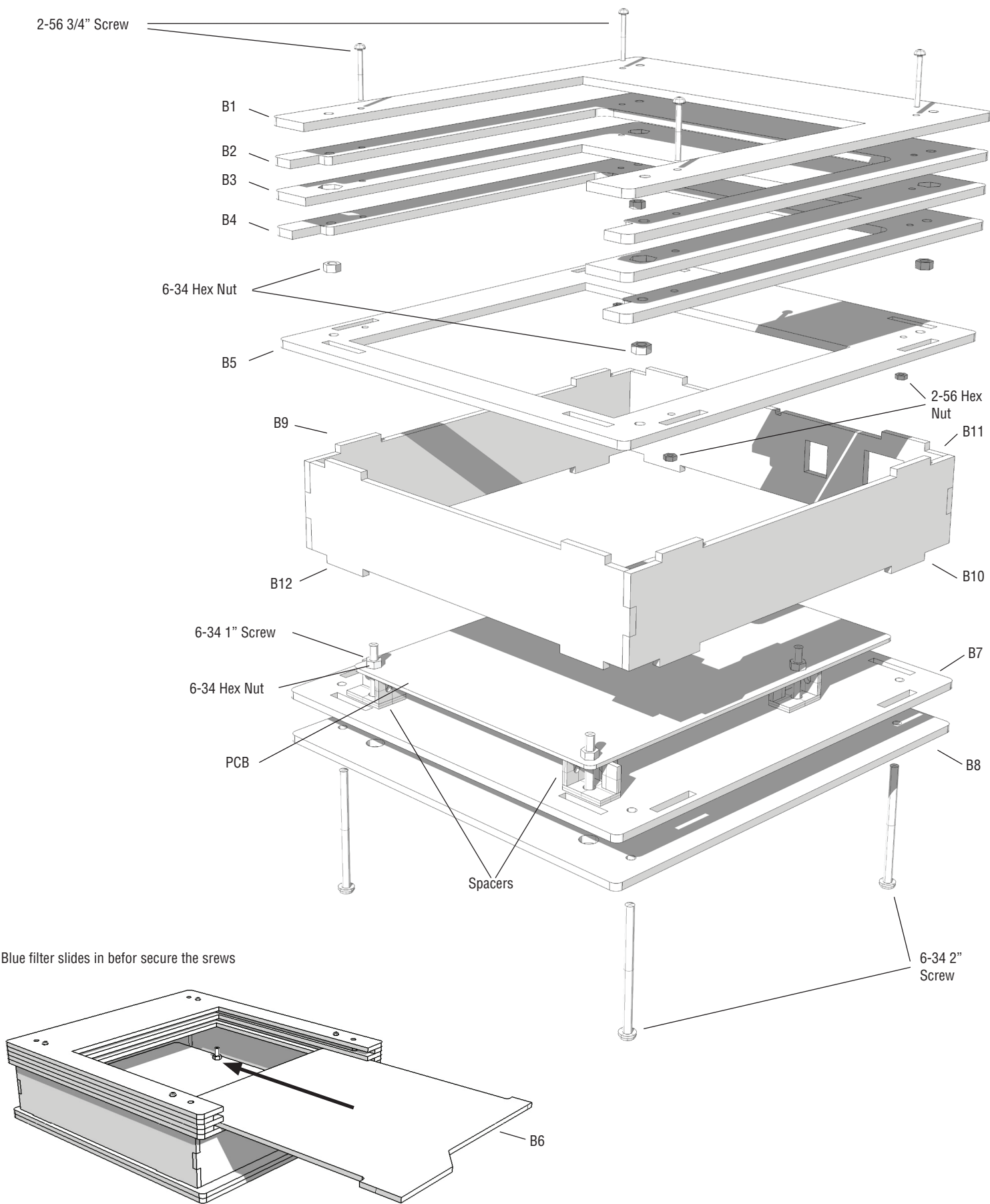
T12



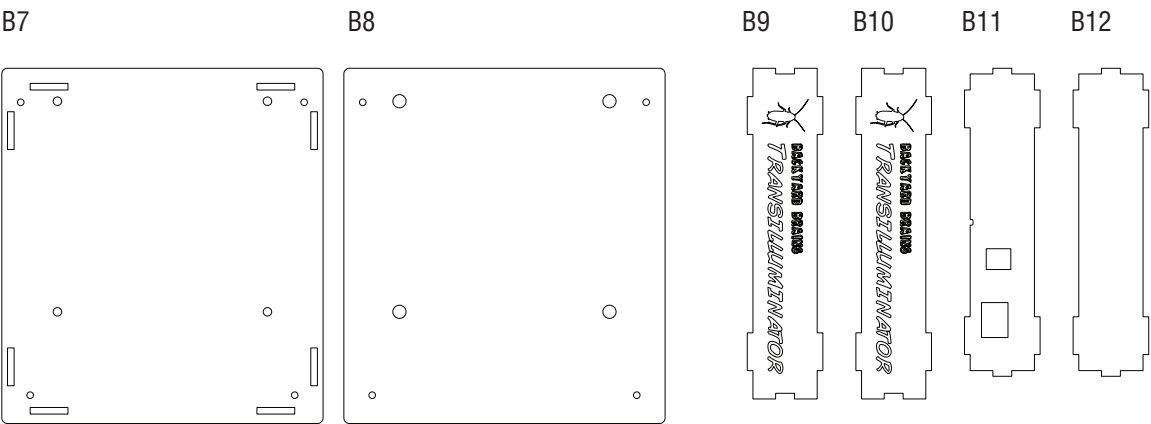
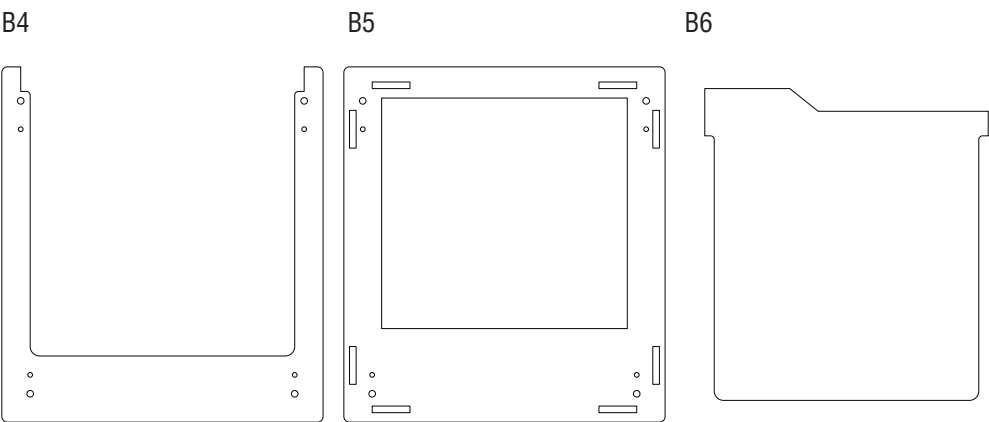
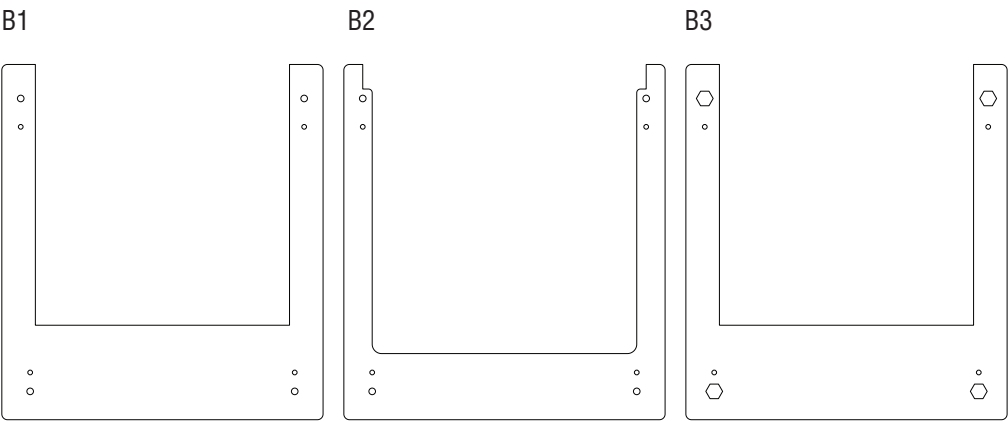
Spacers



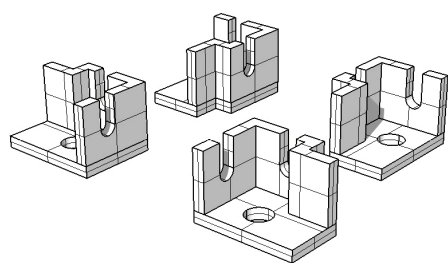
Bottom Module Assembly



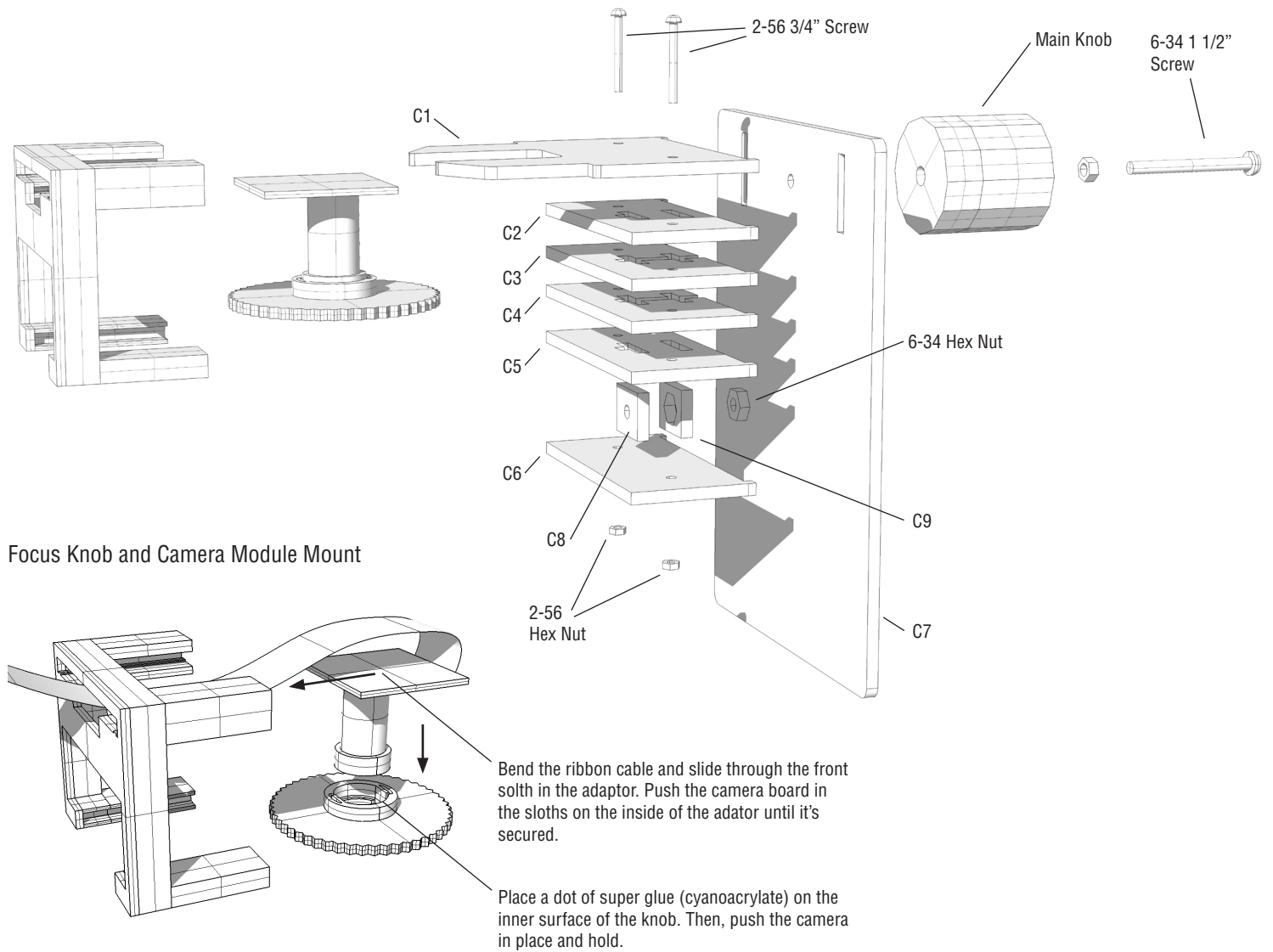
Bottom Module Parts 1:4



Spacers



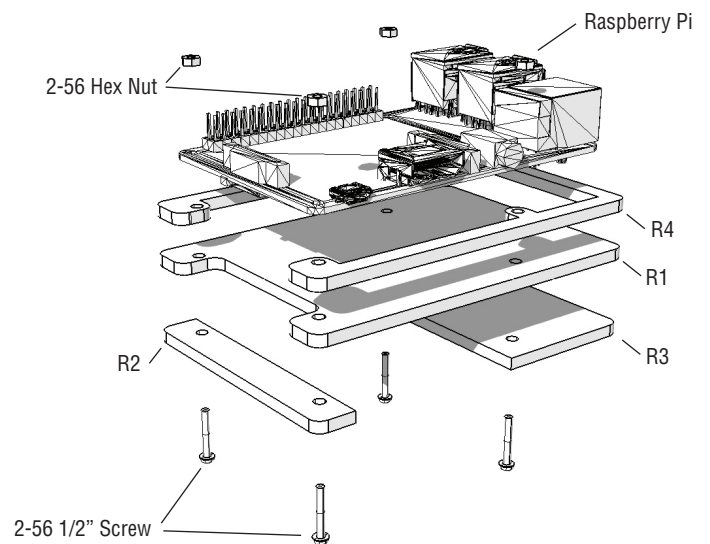
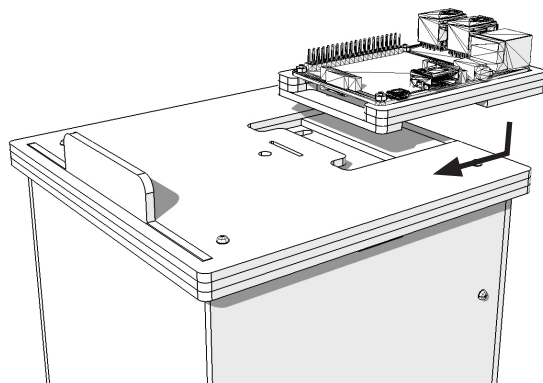
Camera Bed Assembly



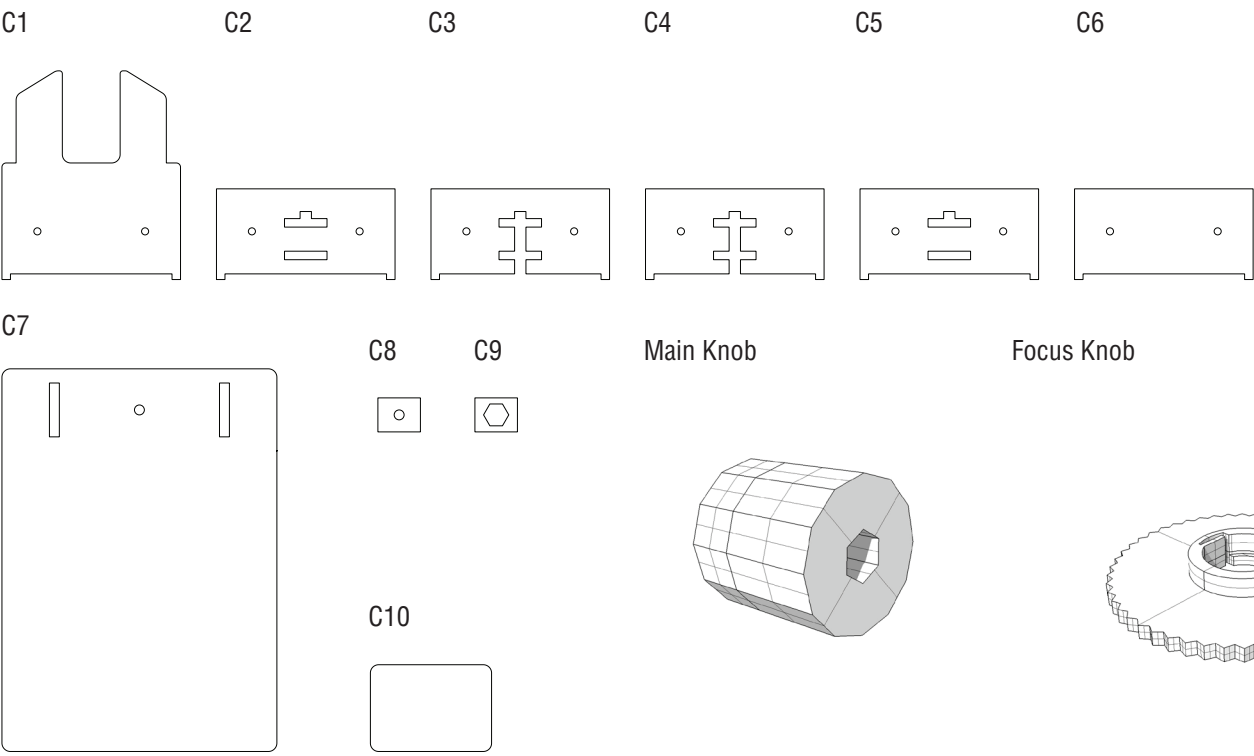
Raspberry Pi Adaptor Assembly

Mounting of the adaptor

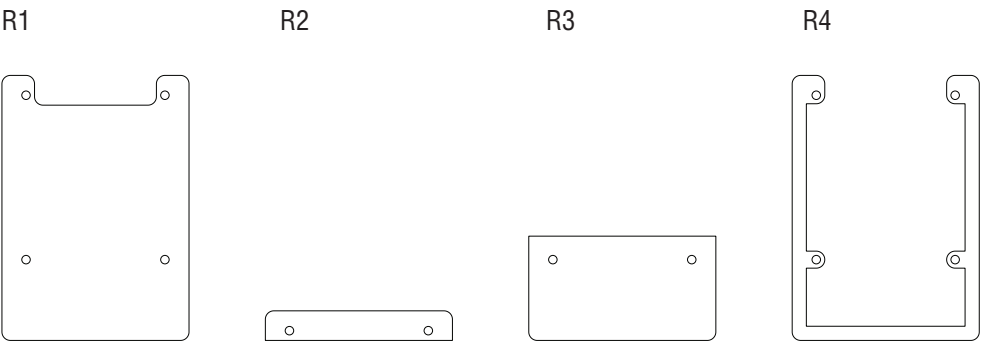
Place the adaptor on the slot on the top module and slide it forward until it's firmly attached.



Camera Bed Parts 1:2



Raspberry Pi Adaptor Parts 1:2



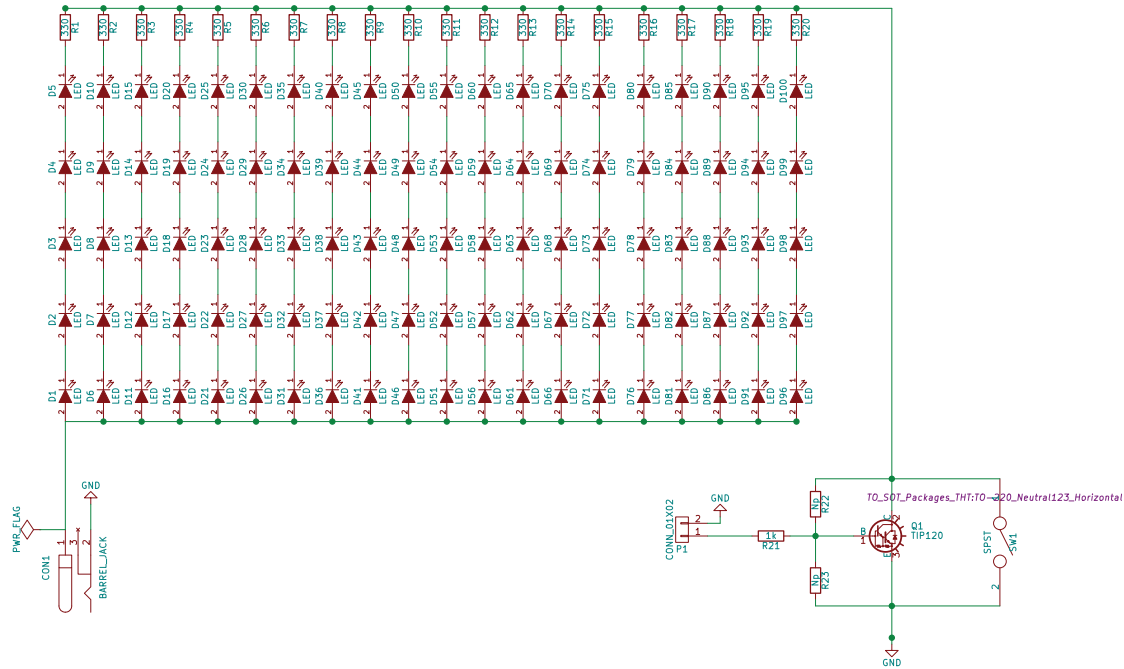
Bill of Materials

Fasteners	Cantidad
6-34 2"	4
6-34 1"	4
6-34 Hex Nut	9
2-56 3/4"	6
2-56 3/8"	20
2-56 Hex Nut	20

Electronics	Cantidad
Resitors 330 Ohm	20
Resitors 1 Kohm	1
Blue Leds	100
TIP-122	1
5.5 mm Barrel Jack Connector	1
Rocker Switch SPST 18.5x14 mm cutout	1
Pins Header Connector Male	6
Pins Header Connector Fem	6
Electric Cable	1 Roll

PCB

Schematics



PCB Design

