

Sunhokey-S508 Installation Instructions

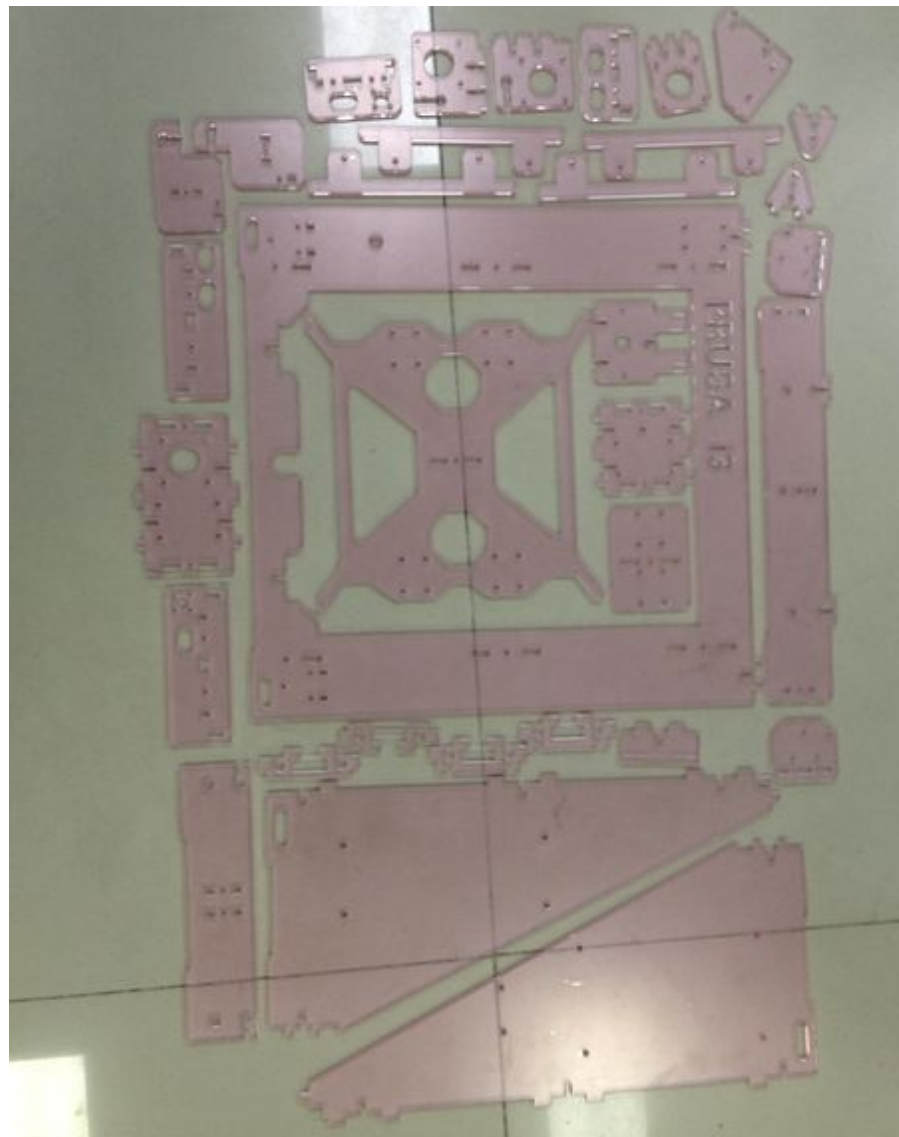
NOTES:

1. After unpacking, please confirm the package and quantity is consistent with enclosed packing list.

2. When assembling, be sure to do it gently, for the acrylic is tough though, but it can not handle strong pressure.

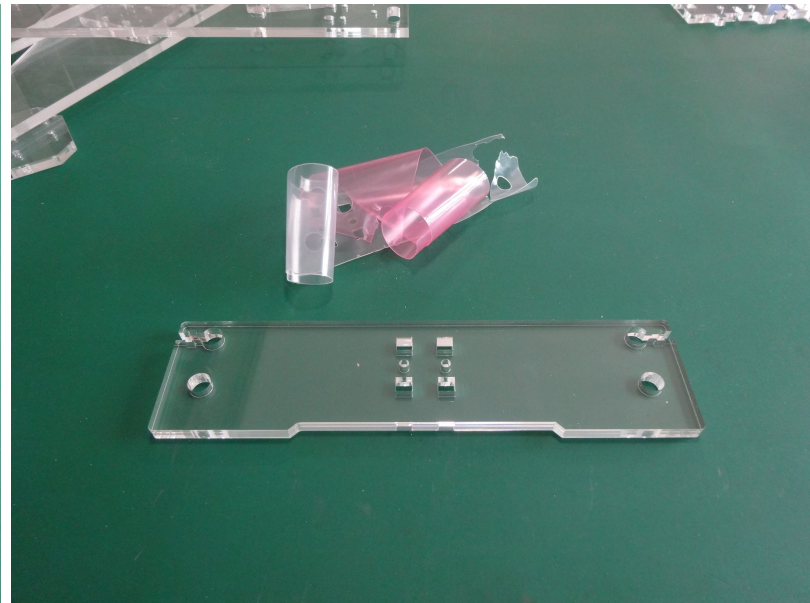
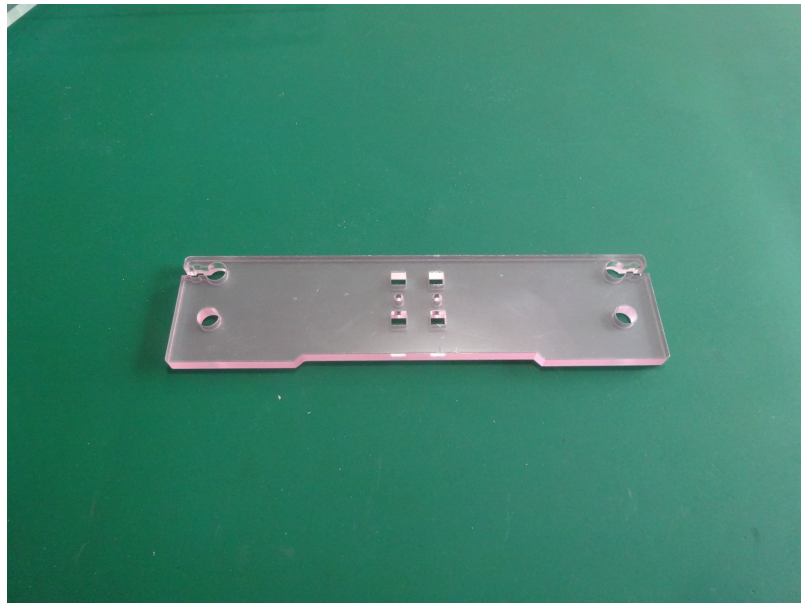
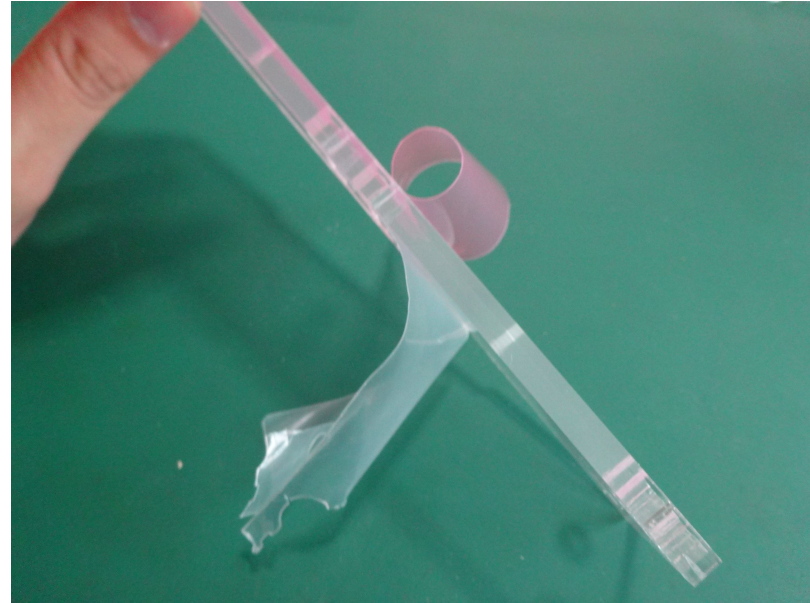
3. If any question, please contact our customer service manager immediately.

Full set of acrylic kit



Preparation

Before installing
tear off the thin film on the both sides

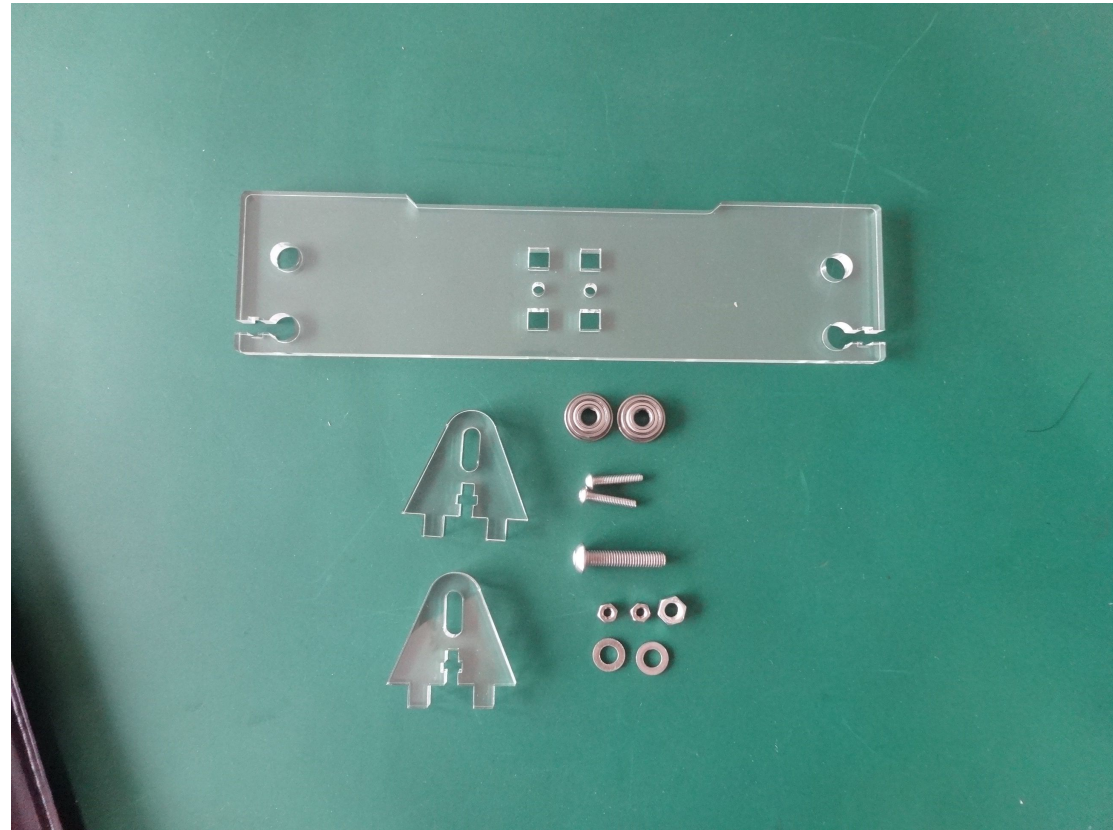


Part 1-1 installation picture

Before installing

Prepare :

| | |
|-------------------|------|
| M5 * 25 | 1PCS |
| M5 NUT | 1PCS |
| M5 SHIM | 2PCS |
| M3 * 16 | 2PCS |
| M3 NUT | 2PCS |
| UNILATERAL PULLEY | 2PCS |



Part 1-2 installation picture

Choose :

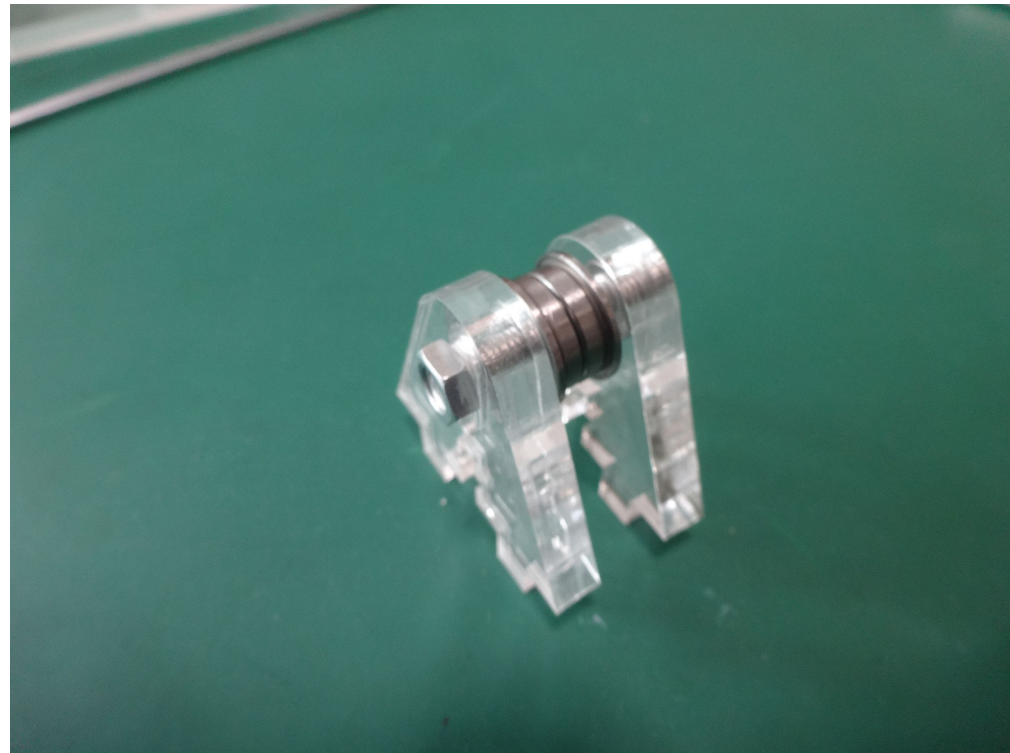
M5 * 25 1PCS

M5 SHIM 2PCS

M5 NUT 1PCS

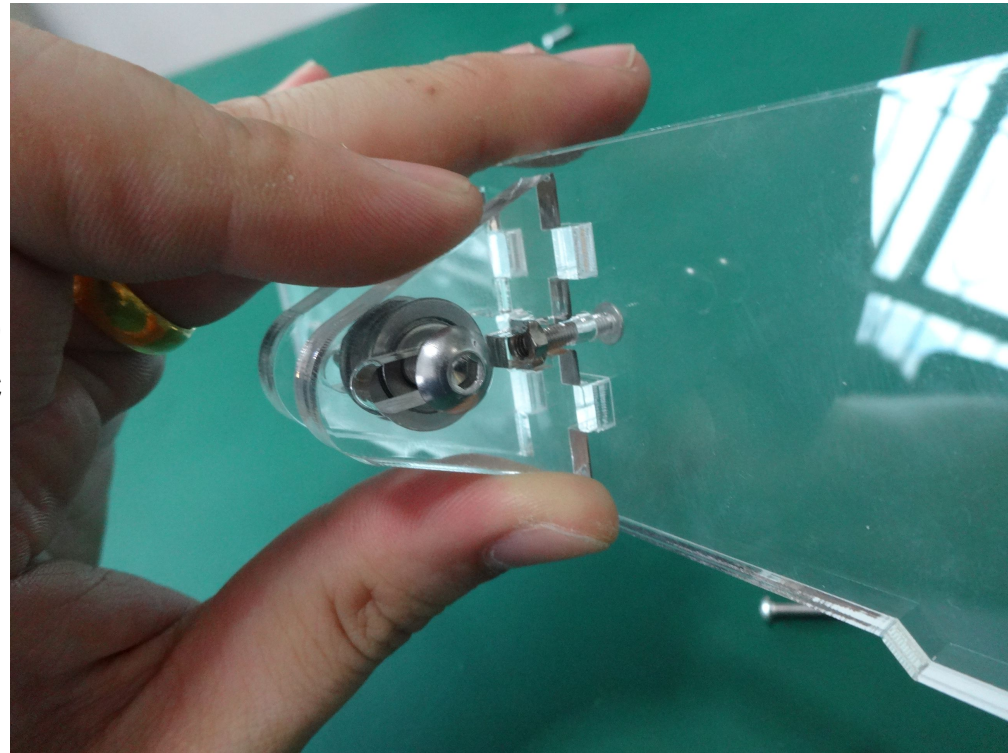
UNILATERAL PULLEY 2PCS

two shim should be on the both side of the unilateral pulley.



Part 1-3 installation picture

Press the triangle part into the acrylic board, be sure to press it gently, for the acrylic can be broken because of strong pressure.



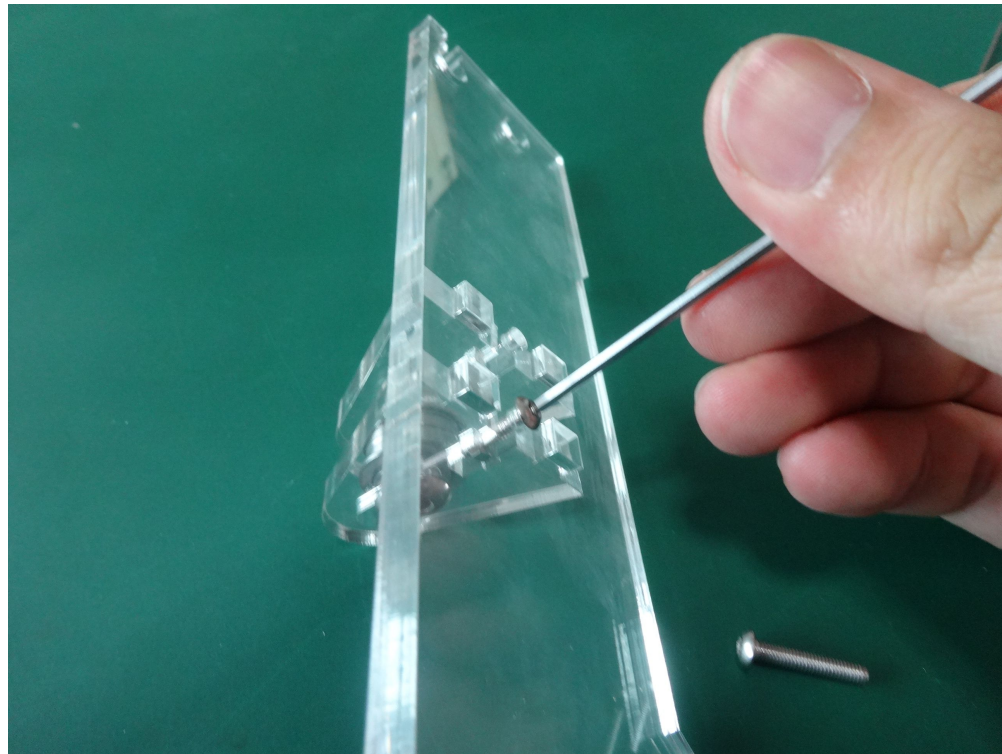
Part 1-4 installation picture

Choose :

M3 * 16 2PCS

M3 NUT 2PCS

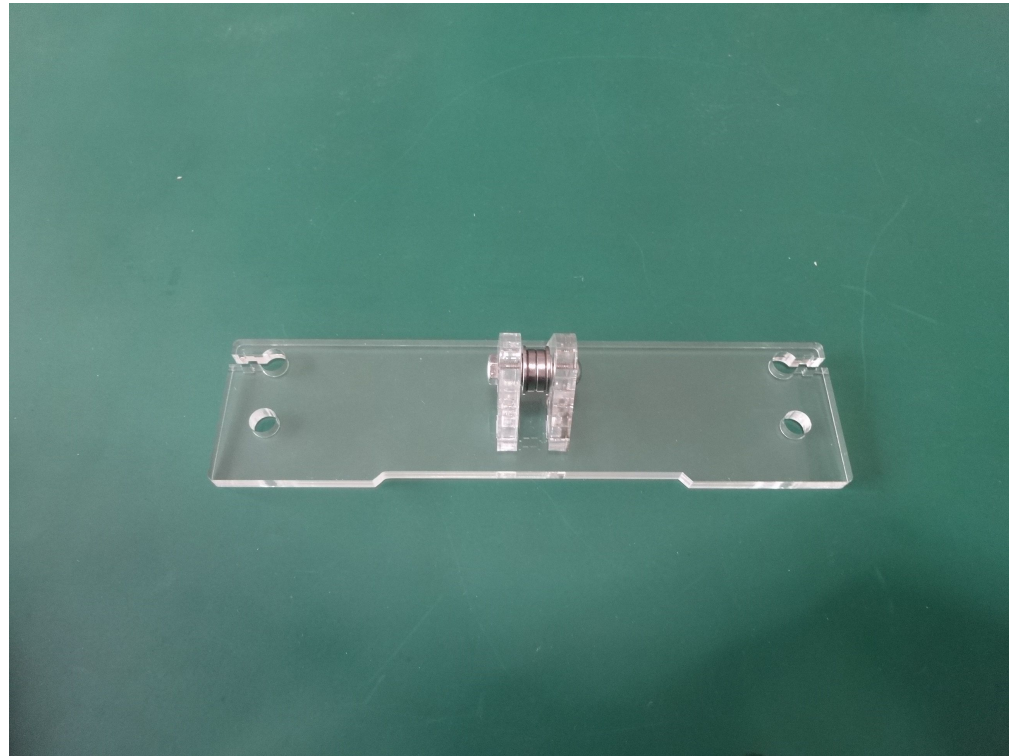
Pls screw it gently and not too tight, for the acrylic parts could broken.



Part 1-5 installation picture

After Installing

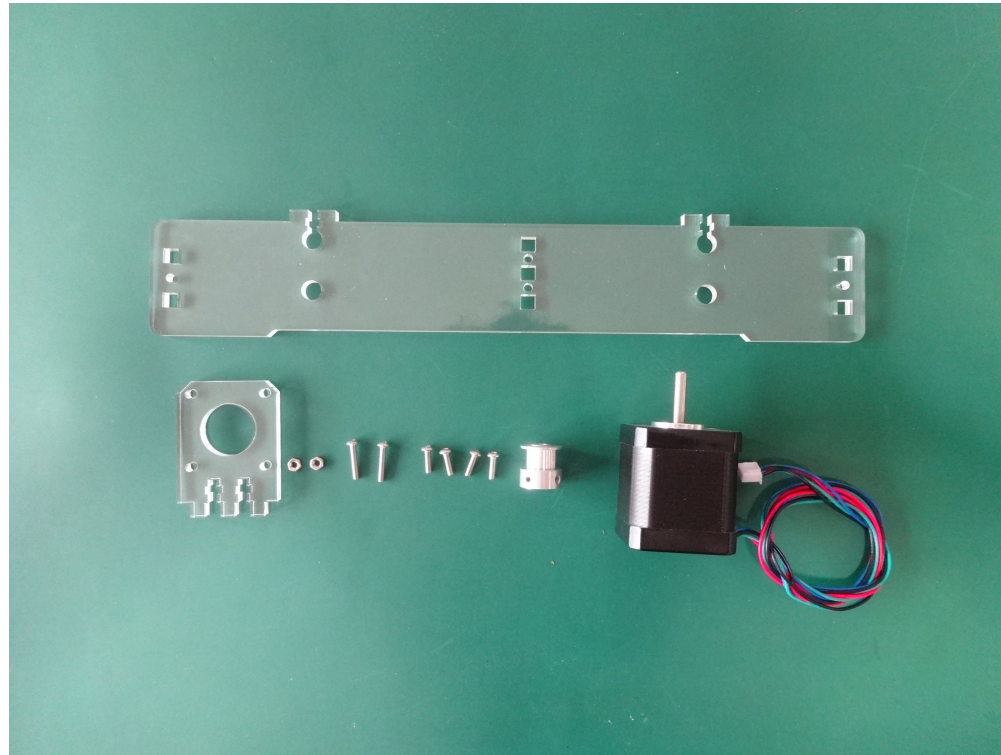
When finished the whole part, you can put it aside for later use.



Part 2-1 installation picture

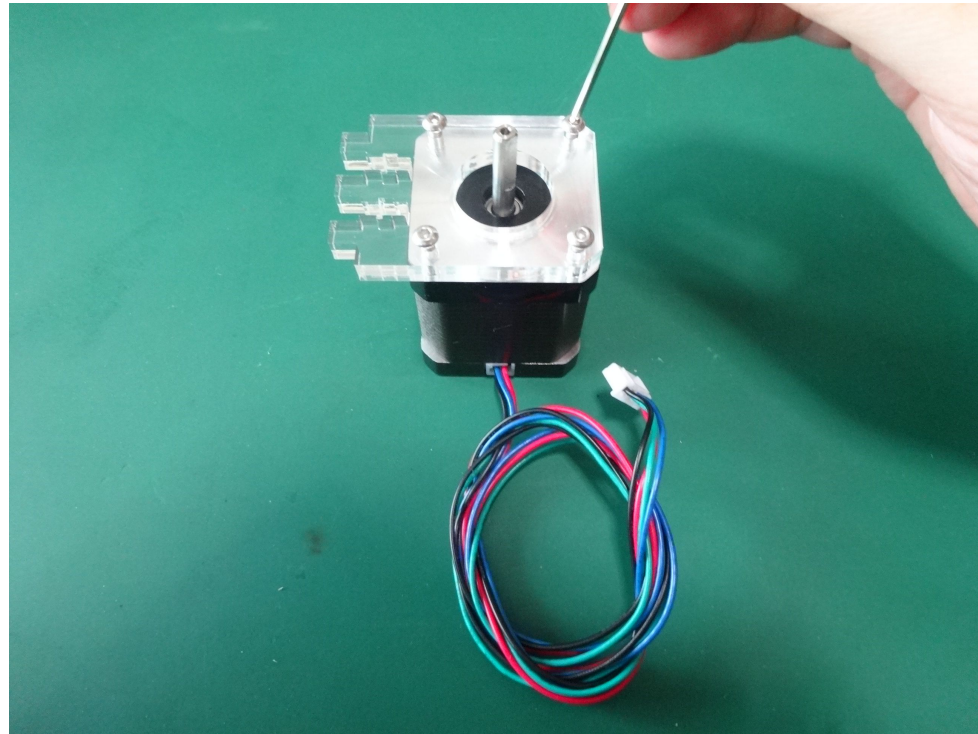
Prepare:

| | |
|---------------|------|
| M3 * 10 | 4PCS |
| M3 * 16 | 2PCS |
| M3 NUT | 2PCS |
| PULLEY | 1PEC |
| STEPPER MOTOR | 1PEC |



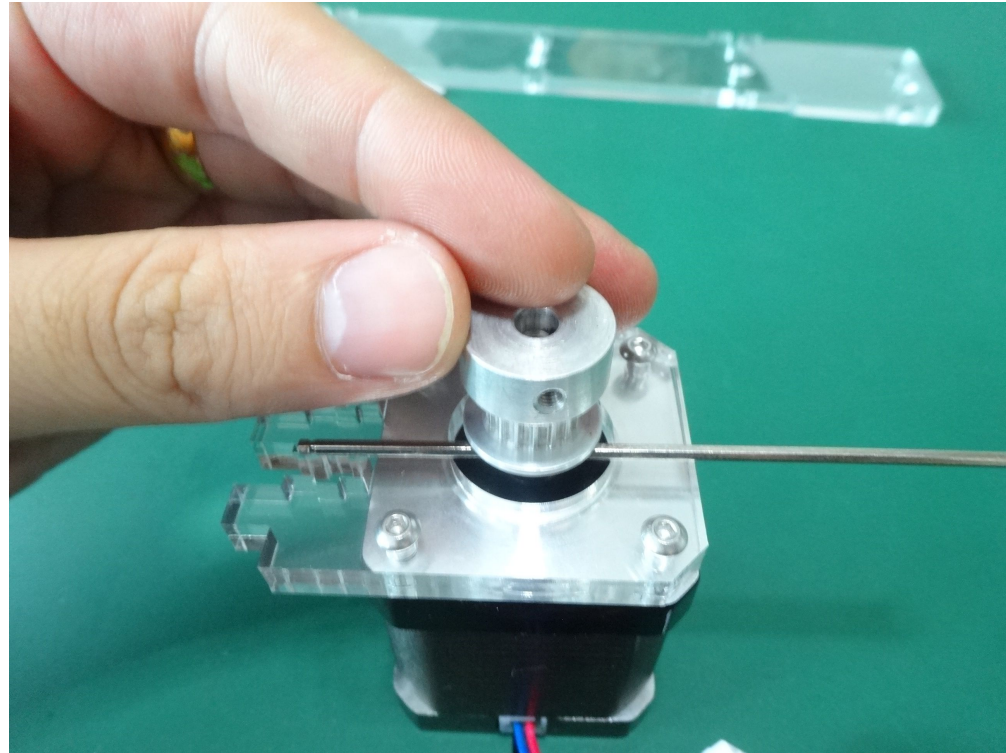
Part 2-2 installation picture

The direction of the wire should be toward inside, and the acrylic side with gap should point to the left. We use the M3 * 10 screw to lock the acrylic board here.



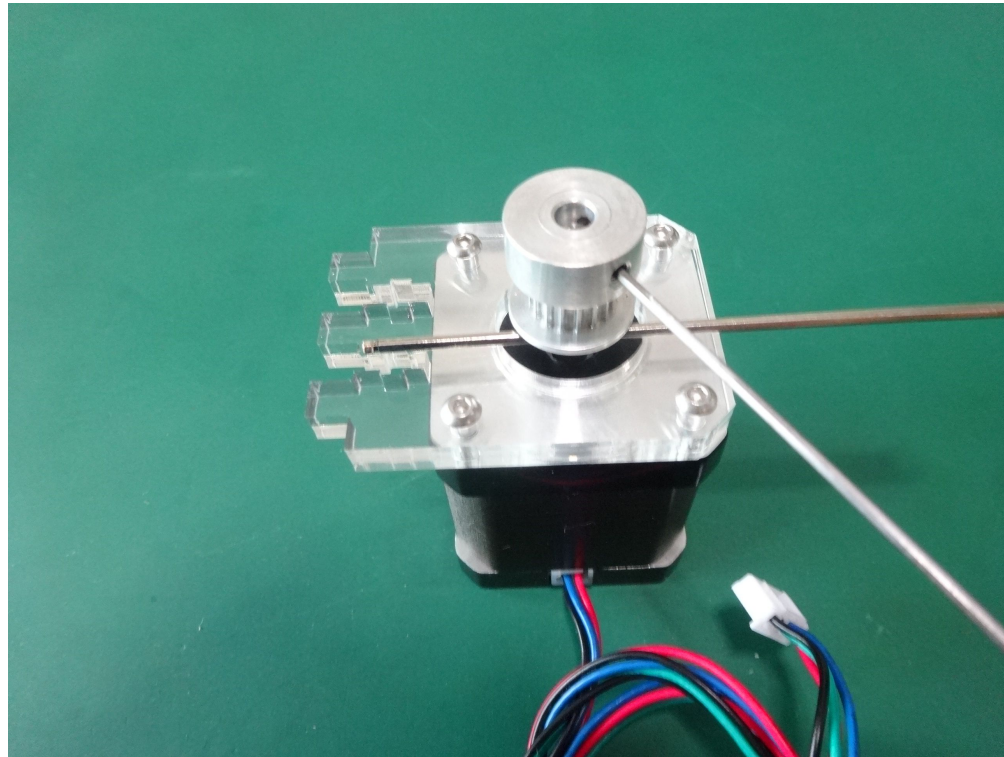
Part 2-3 installation picture

When you install the pulley on the motor, put a spanner between acrylic board and pulley.



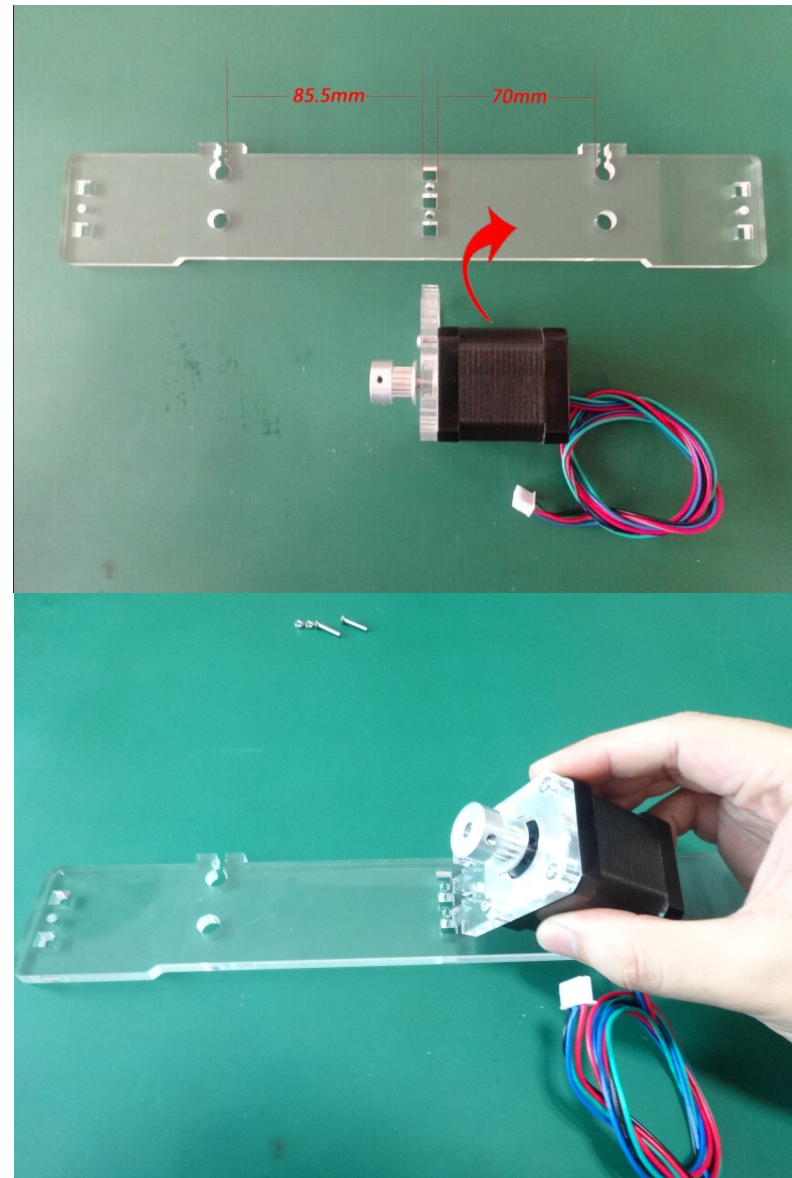
Part 2-4 installation picture

Small screw is already inside the pulley, spin it with a spanner.



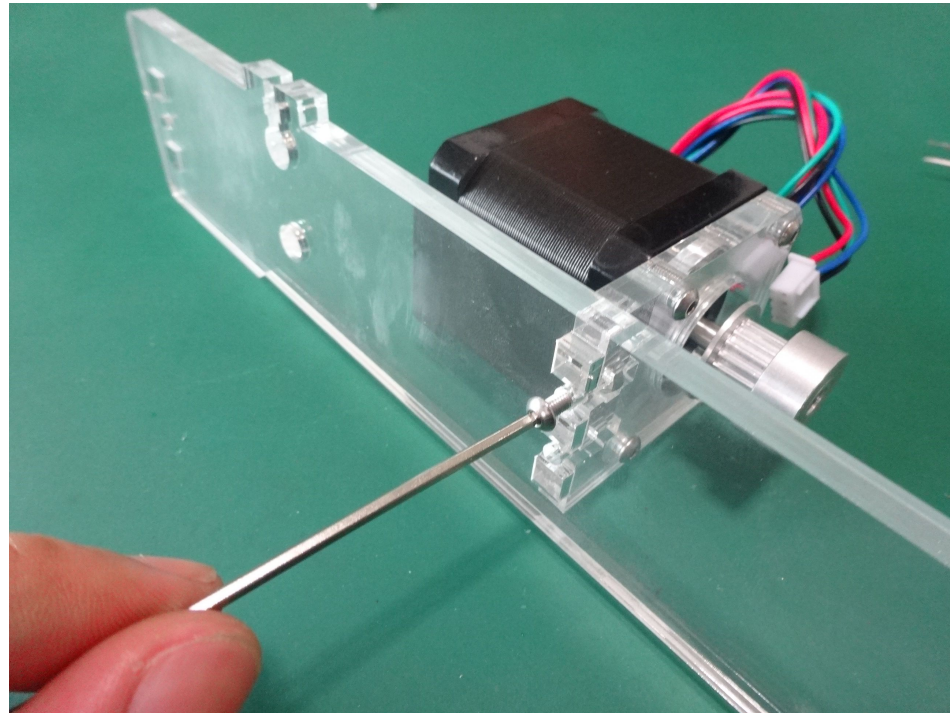
Part 2-5 installation picture

Stuck the stepper motor into the acrylic board gently. **The body of the motor should be on the 70mm part of acrylic board as shown.**

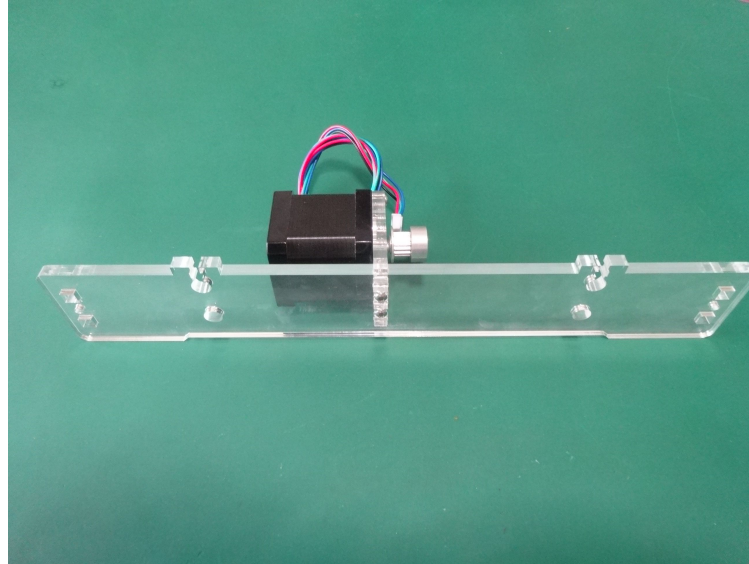


Part 2-6 installation picture

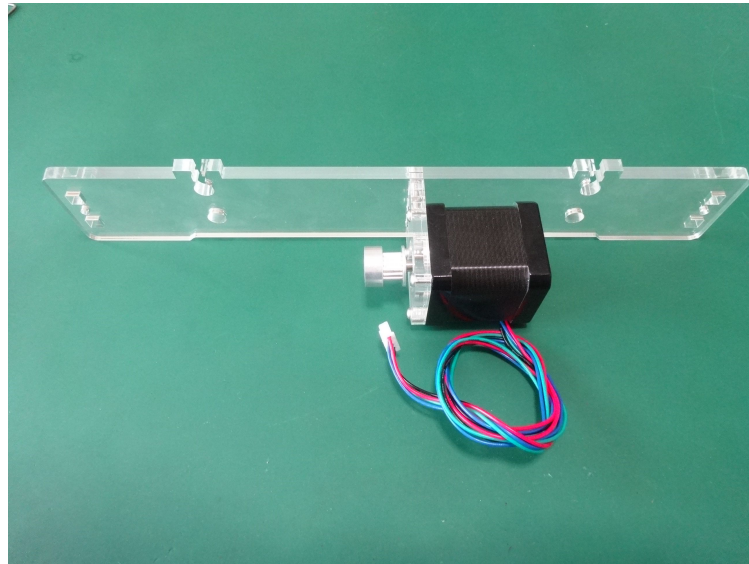
We use the
M3 * 16 screw here.



Part 2-7 installation picture



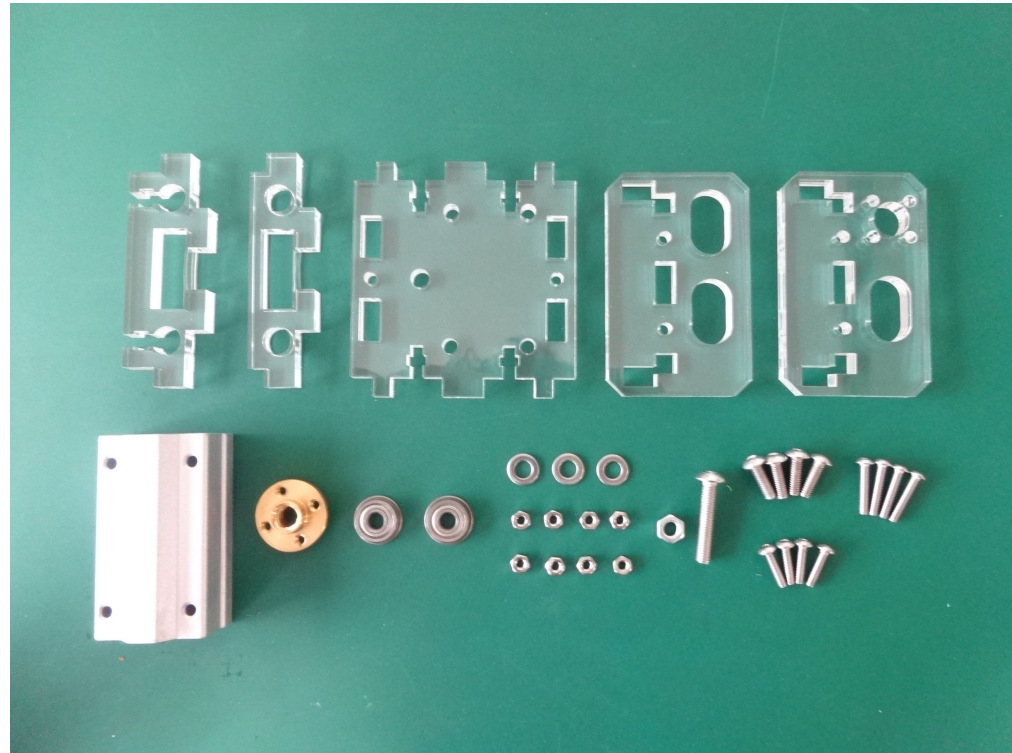
Finished.



Part 3-1 installation picture

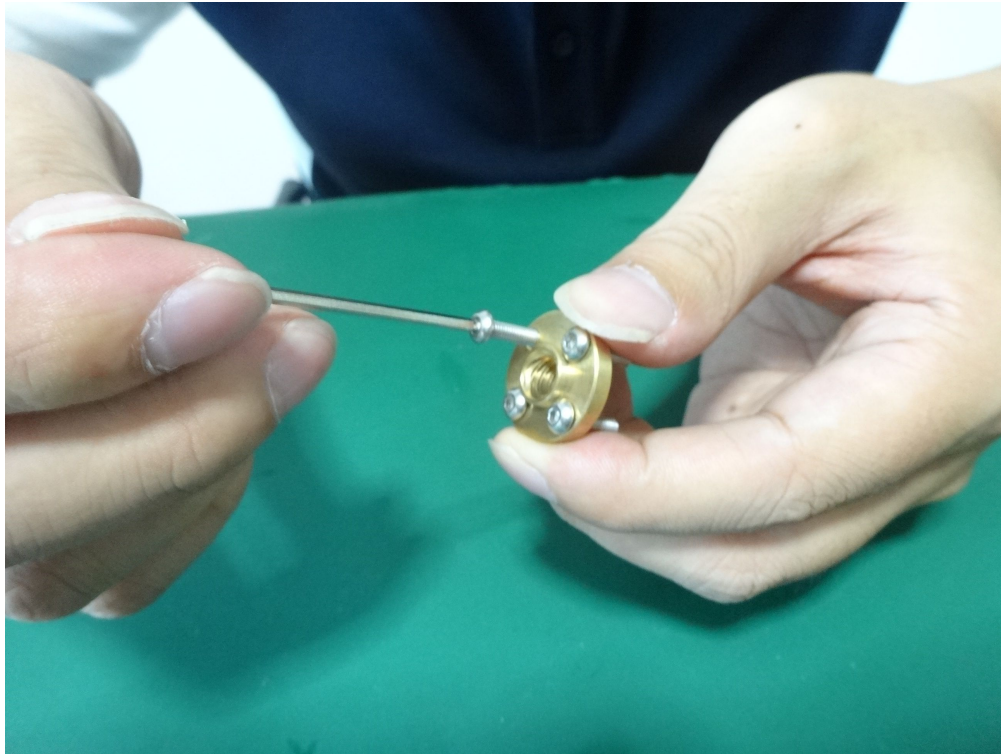
Prepare:

| | |
|-------------------|-------|
| Box Slider(long) | 1 PEC |
| T8 COPPER NUT | 1 PEC |
| UNILATERAL PULLEY | 2 PCS |
| M3 NUT | 8 PCS |
| M3 * 16 SCREW | 4 PCS |
| M3 * 12 SCREW | 4 PCS |
| M4 * 12 SCREW | 4 PCS |
| M5 NUT | 1 PEC |
| M5 * 25 SCREW | 1 PEC |
| M5 SHIM | 3 PCS |



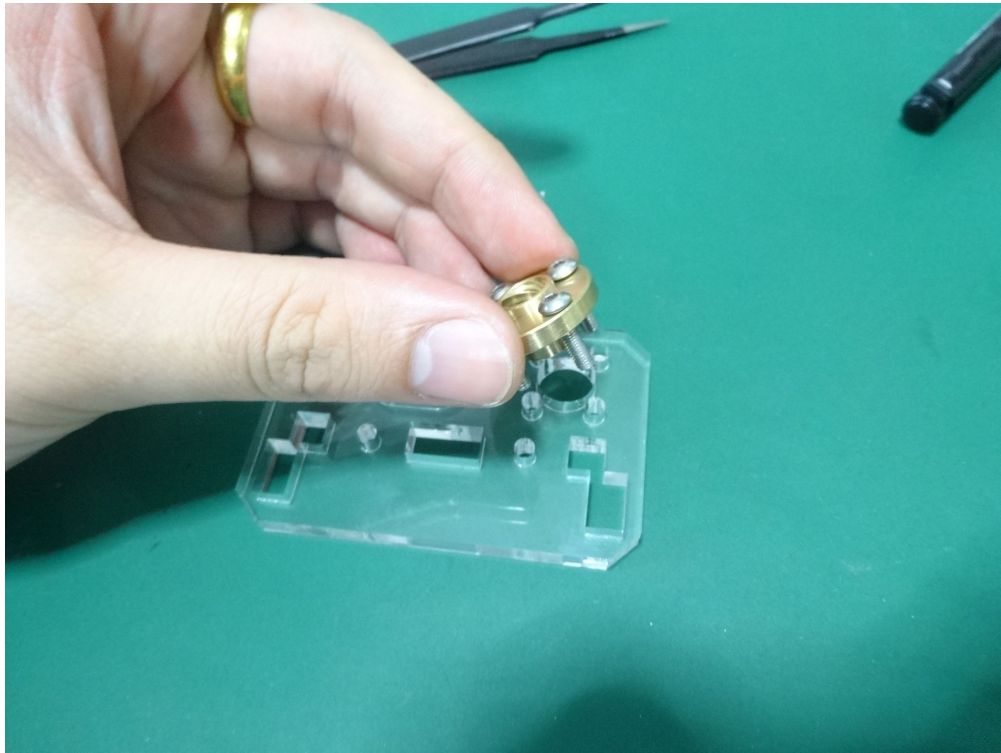
Part 3-2 installation picture

We use M3 *
12 screw to
lock the
copper nut.



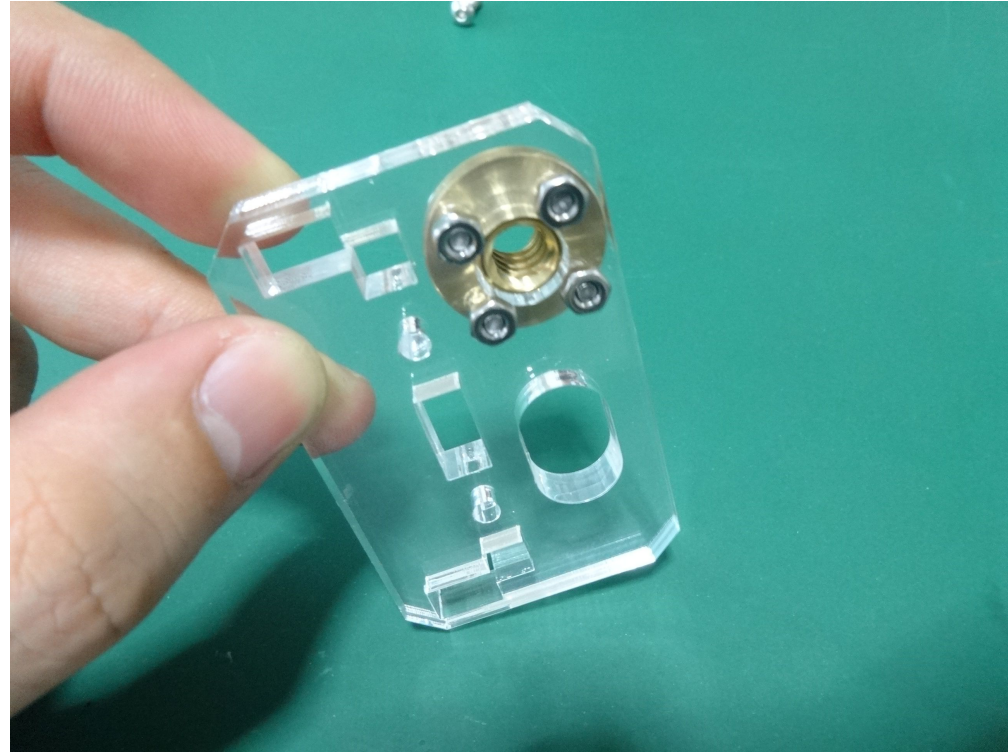
Part 3-3 installation picture

Put the T8 copper nut onto the acrylic board.



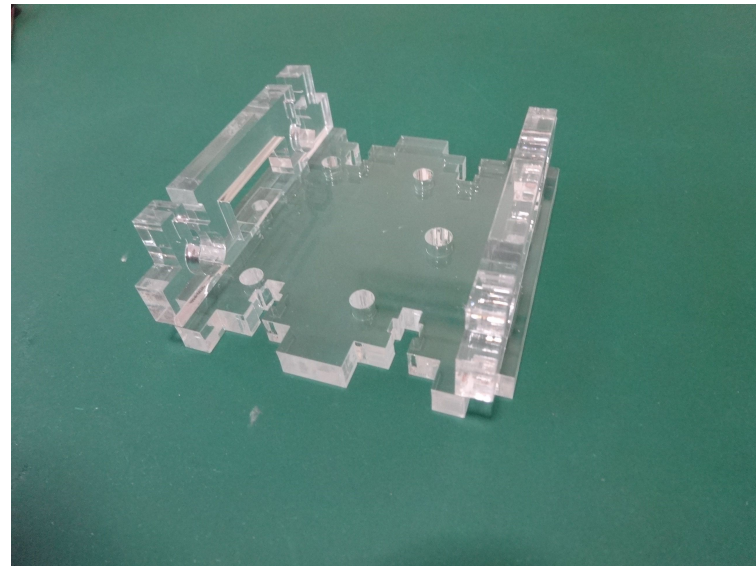
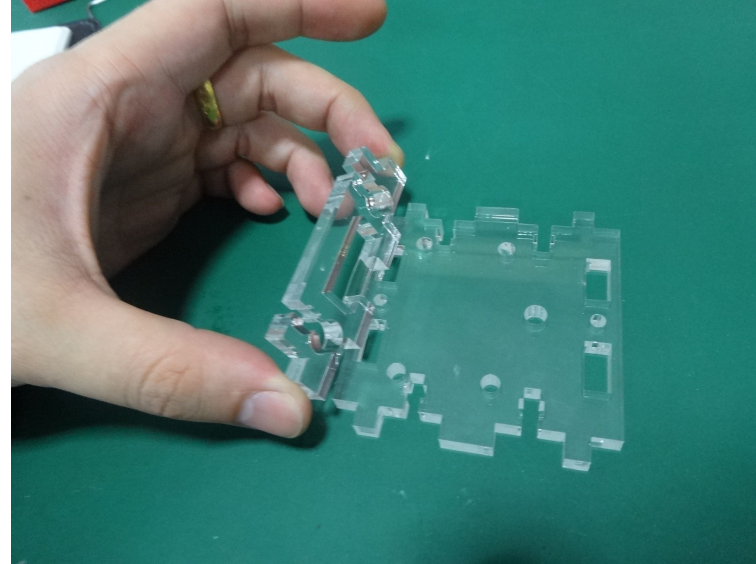
Part 3-4 installation picture

Lock the M3 nut on.



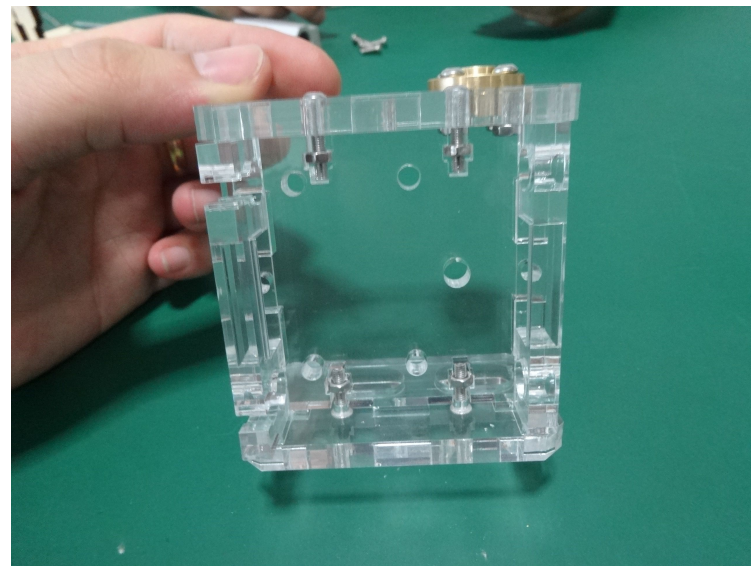
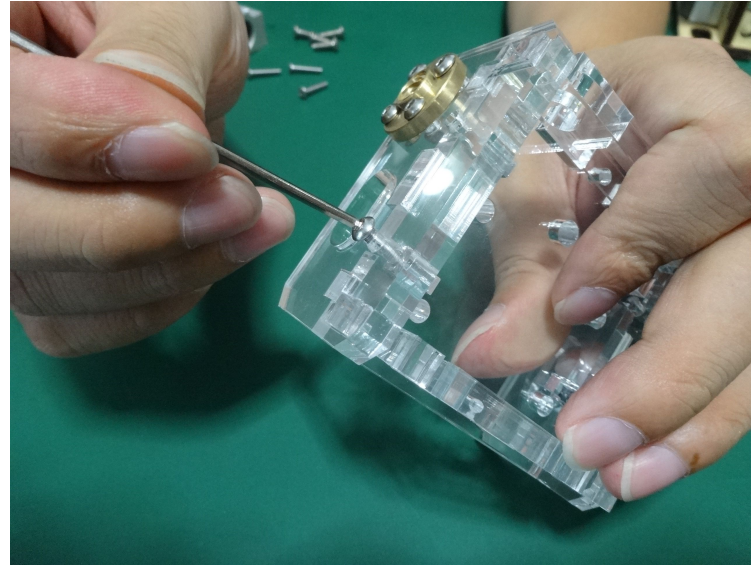
Part 3-5 installation picture

Put the bigger acrylic board on the middle, the hole should be on the right. Put the acrylic part with gap on the left, and put the one without gap on the right to make it closer to the hole.



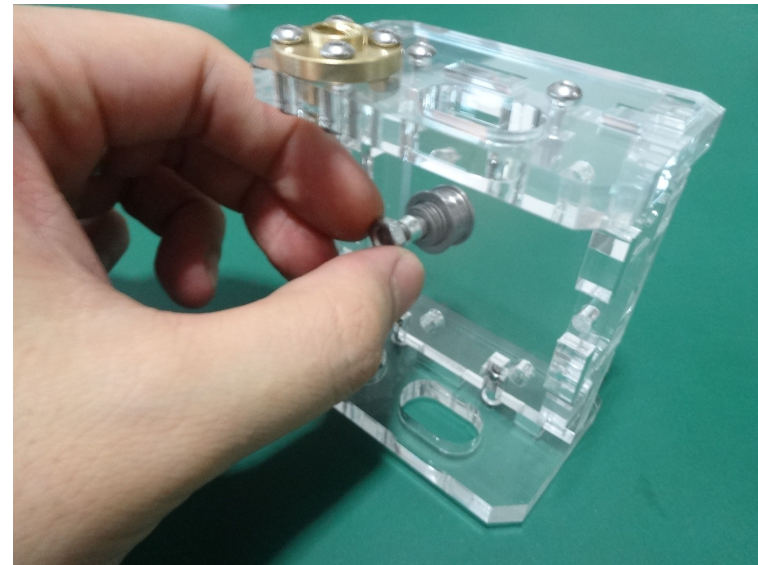
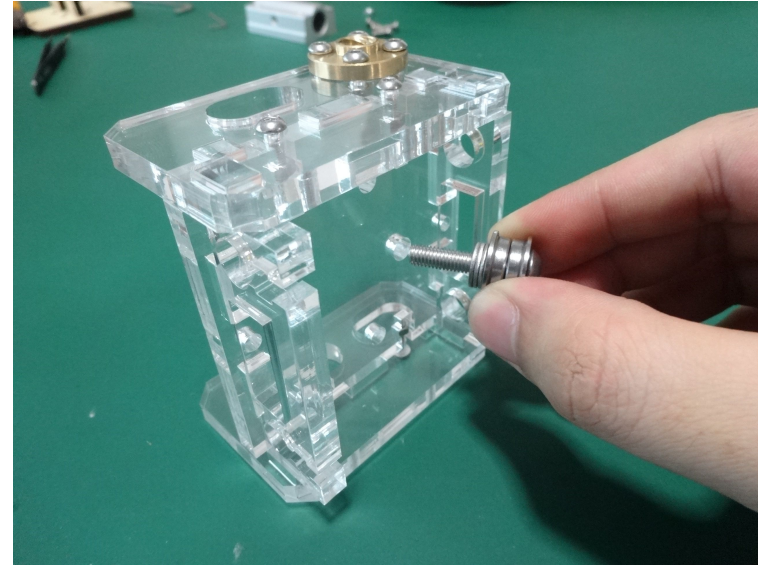
Part 3-6 installation picture

Lock the acrylic board with
M3 * 16 screw and nut
from four direction.



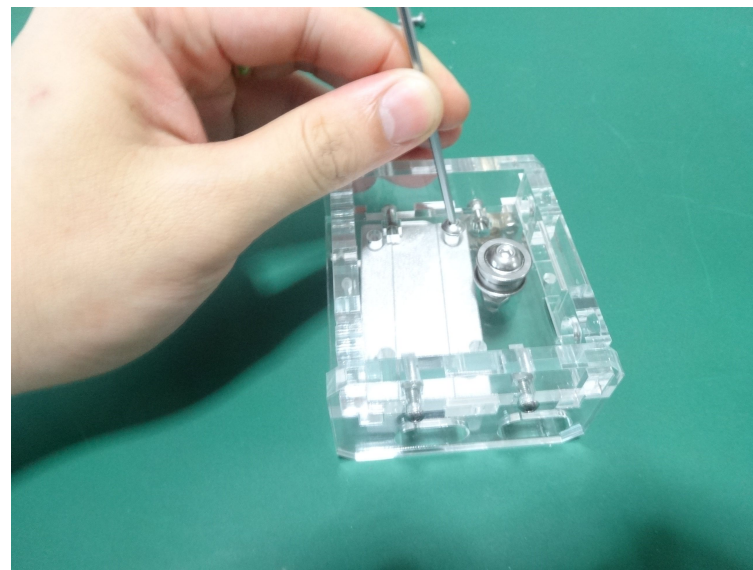
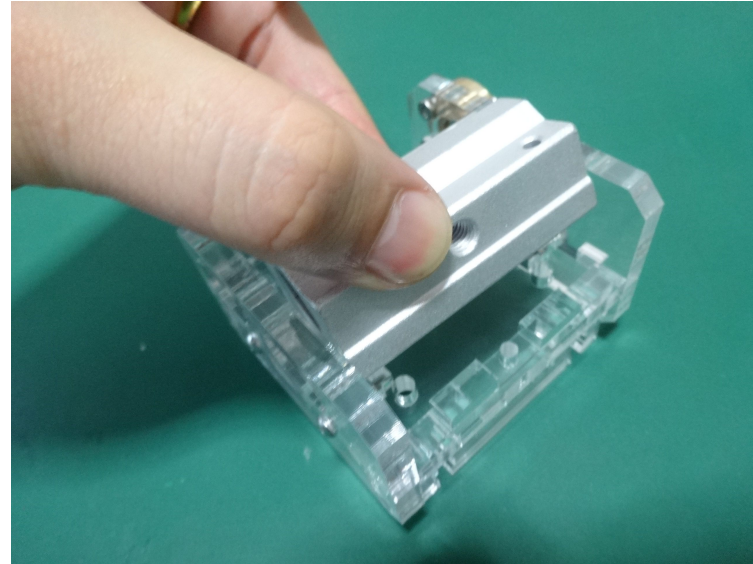
Part 3-7 installation picture

Put the three shim on the far left side of the M5 * 25 screw then put it on the middle hole of the acrylic board.

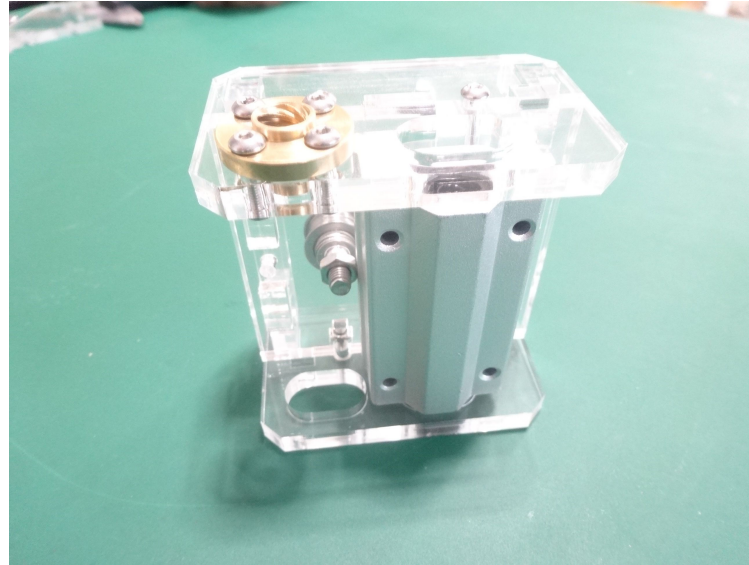


Part 3-8 installation picture

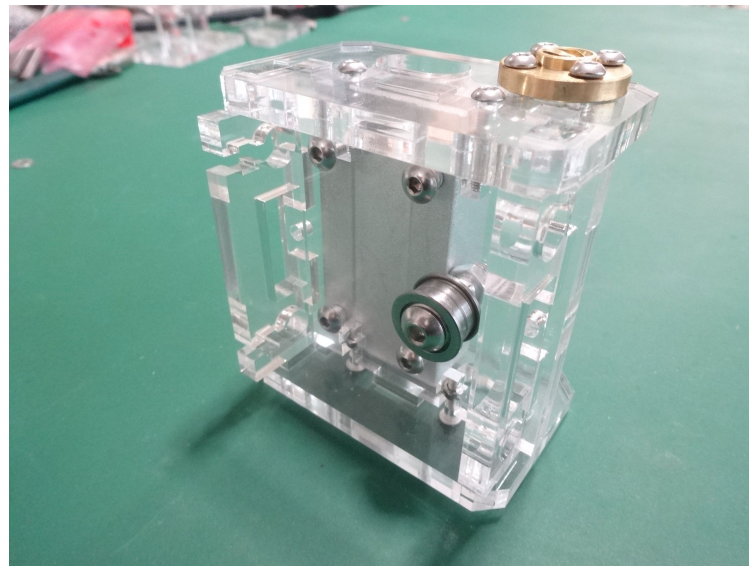
Put the long box slider into the acrylic box and lock it with four M4 * 12 screw.



Part 3-9 installation picture



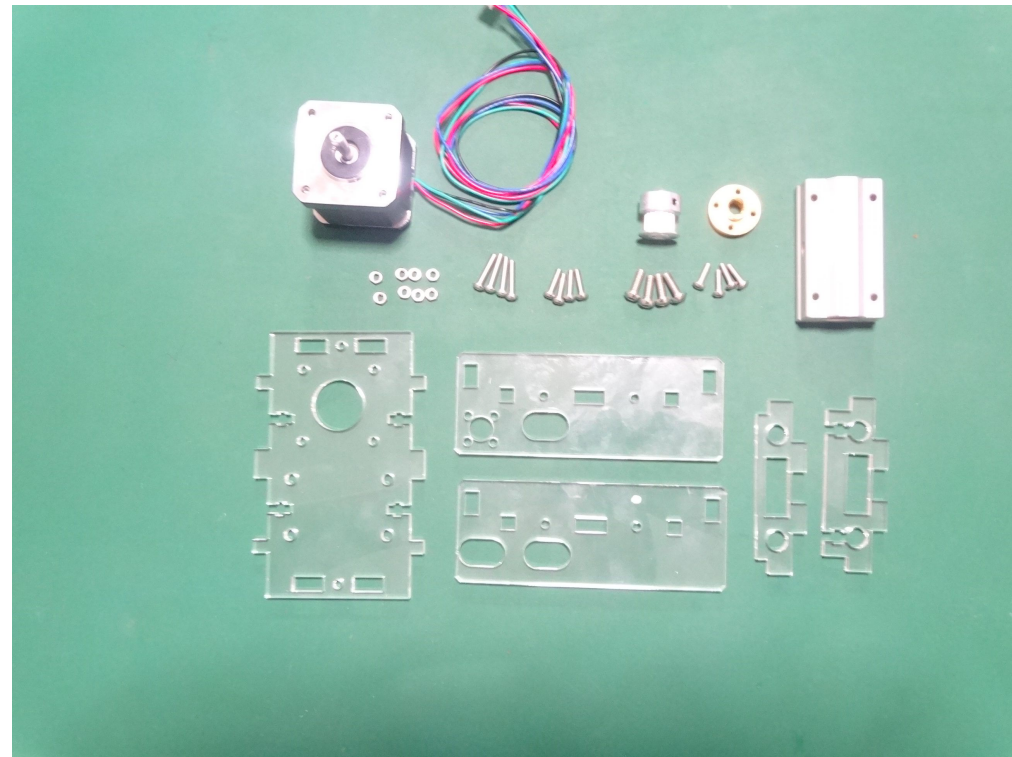
Finished.



Part 4-1 installation picture

Prepare:

| | |
|------------------|-------|
| Box Slider(long) | 1 PEC |
| T8 COPPER NUT | 1 PEC |
| T 2.5 pulley | 1 PEC |
| STEPPER MOTOR | 1 PEC |
| M3 * 10 SCREW | 4 PCS |
| M3 * 12 SCREW | 4 PCS |
| M3 * 16 SCREW | 4 PCS |
| M3 NUT | 8 PCS |
| M4 * 12 SCREW | 4 PCS |



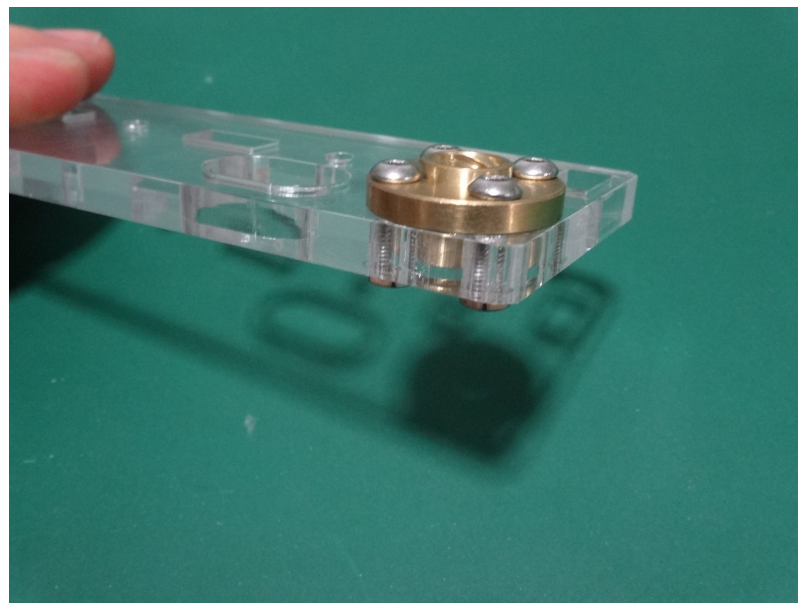
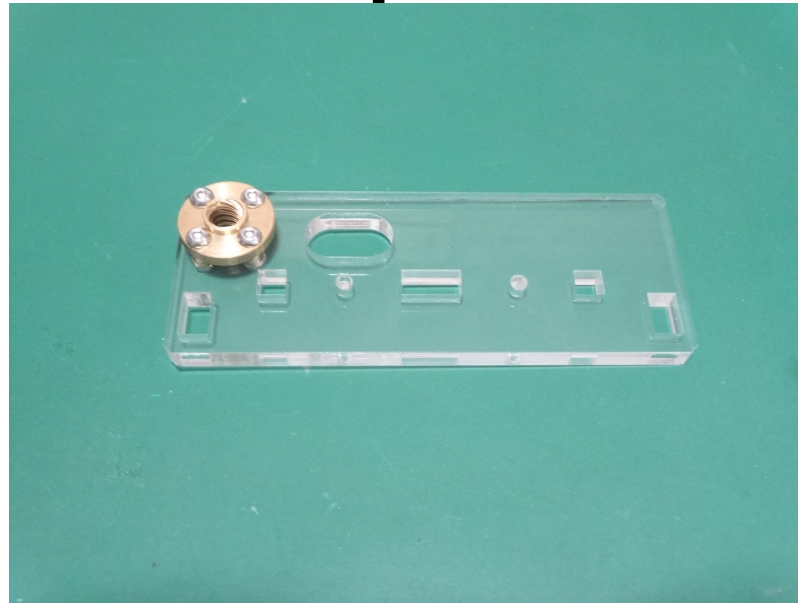
Part 4-2 installation picture

Choose:

M3 * 12 SCREW 4 PCS

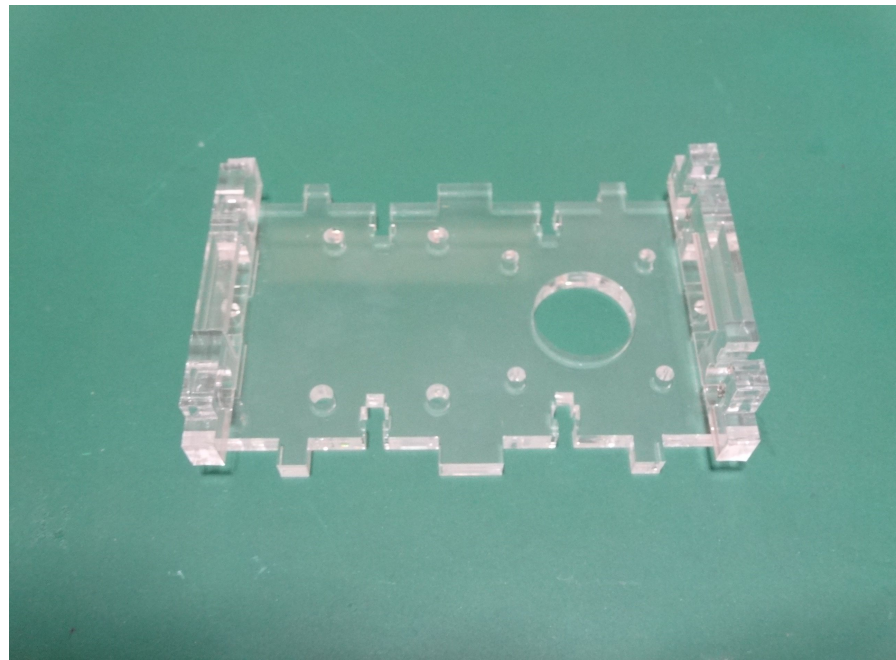
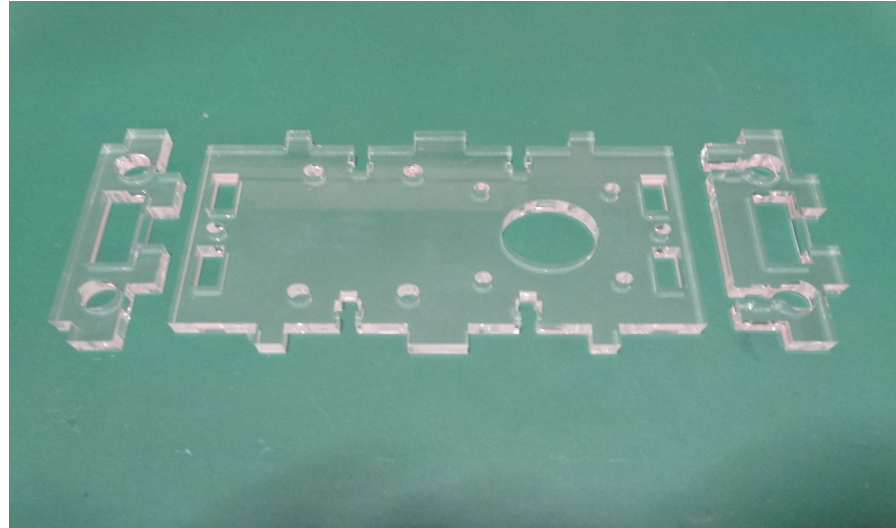
M3 NUT 4 PCS

COPPER NUT 1 PEC



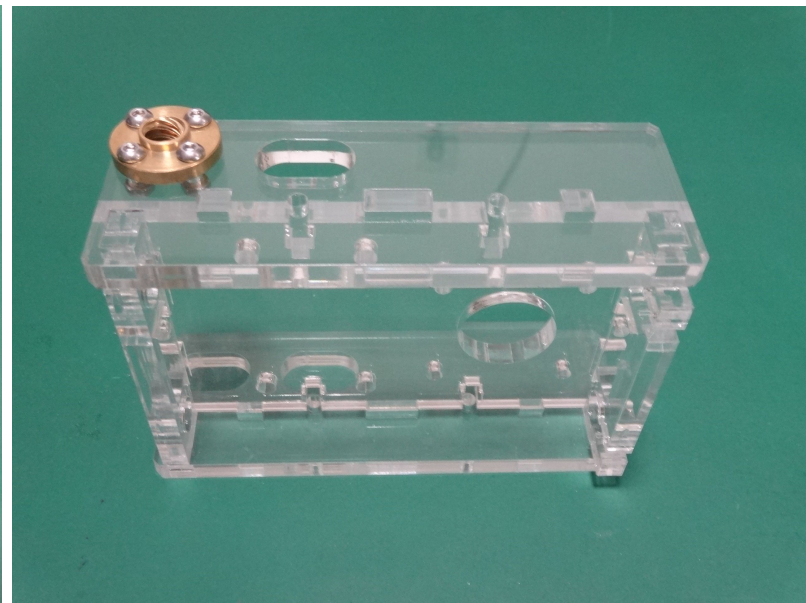
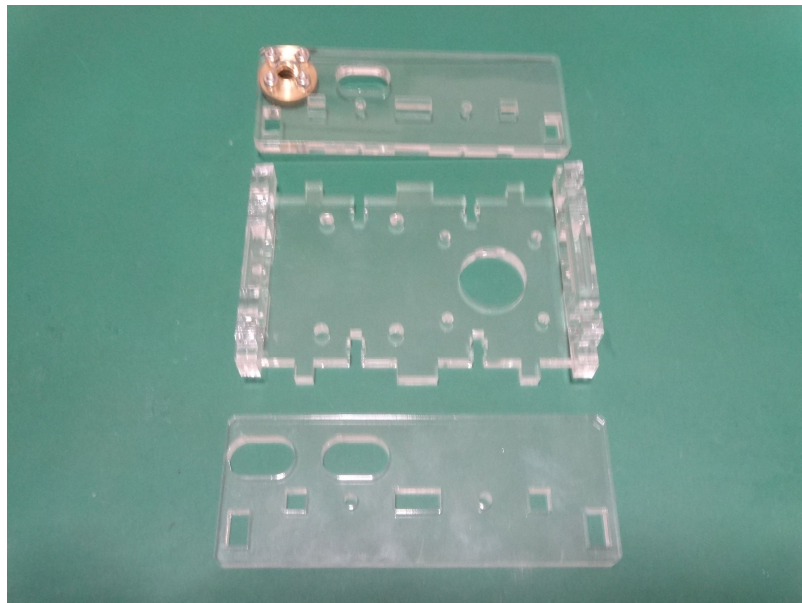
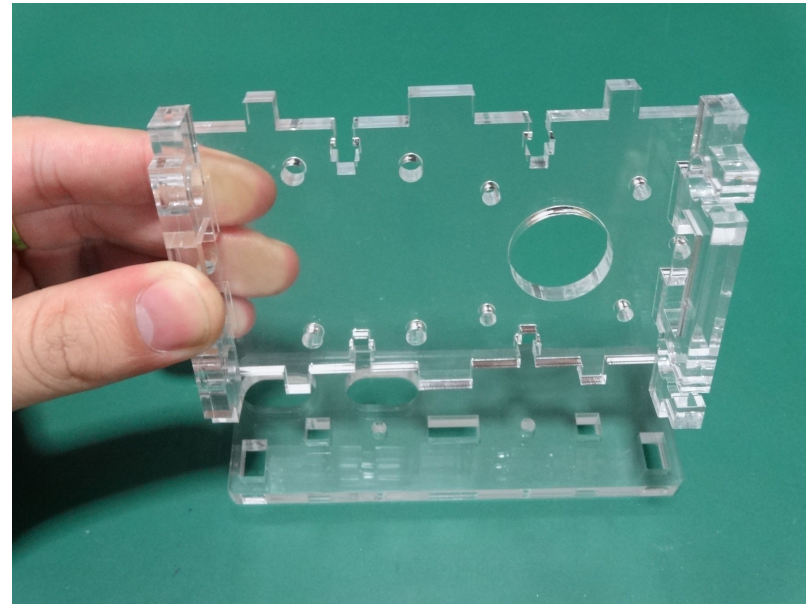
Part 4-3 installation picture

Be careful about the position.
The acrylic piece on the right
should be put on the hole which is
closer to the circle in the middle.



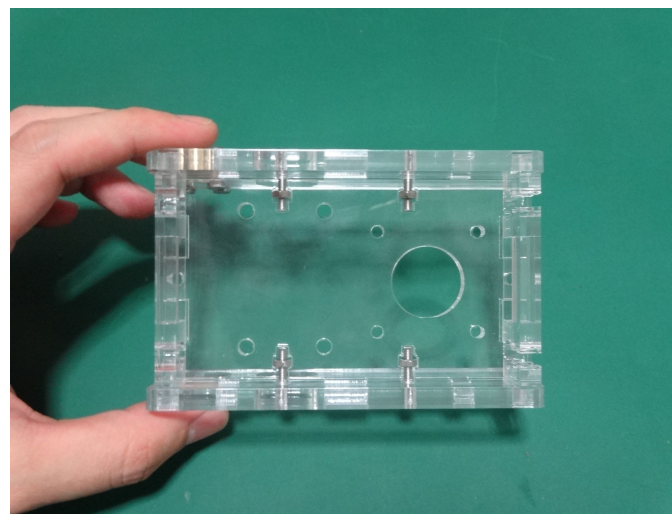
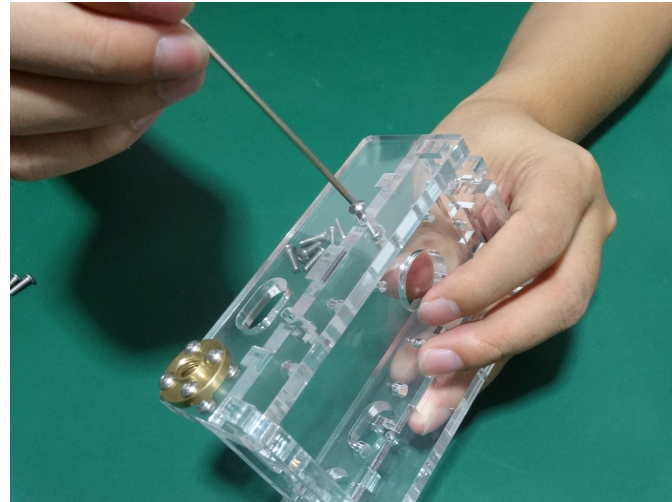
Part 4-4 installation picture

Put the acrylic piece together



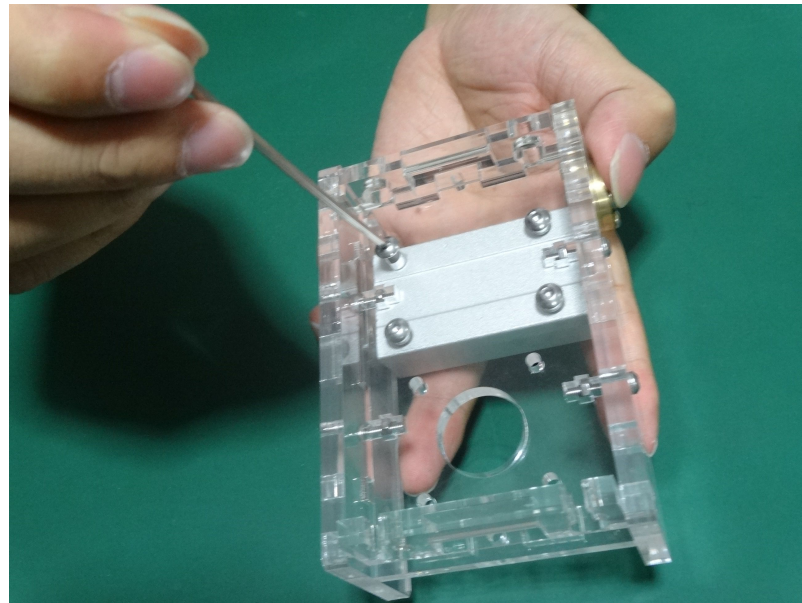
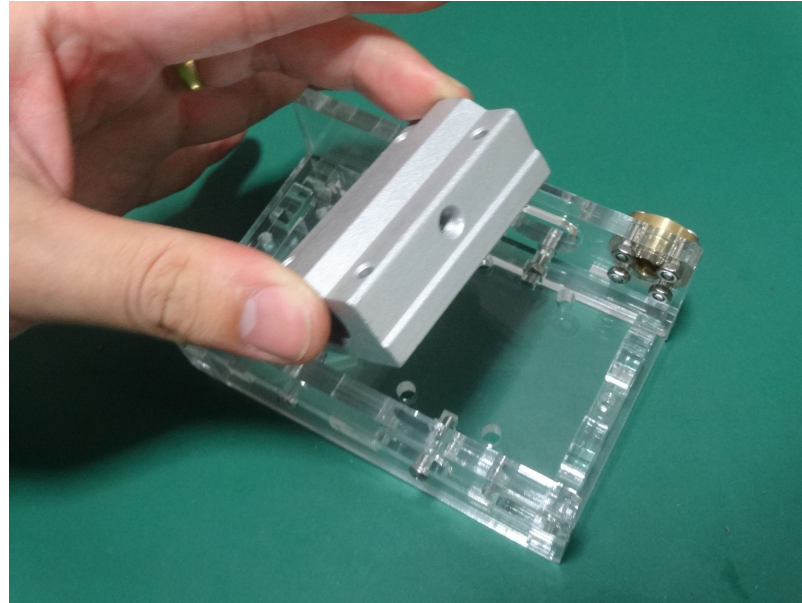
Part 4-5 installation picture

Choose:
M3*16 SCREW 4 PCS
M3 NUT 4 PCS



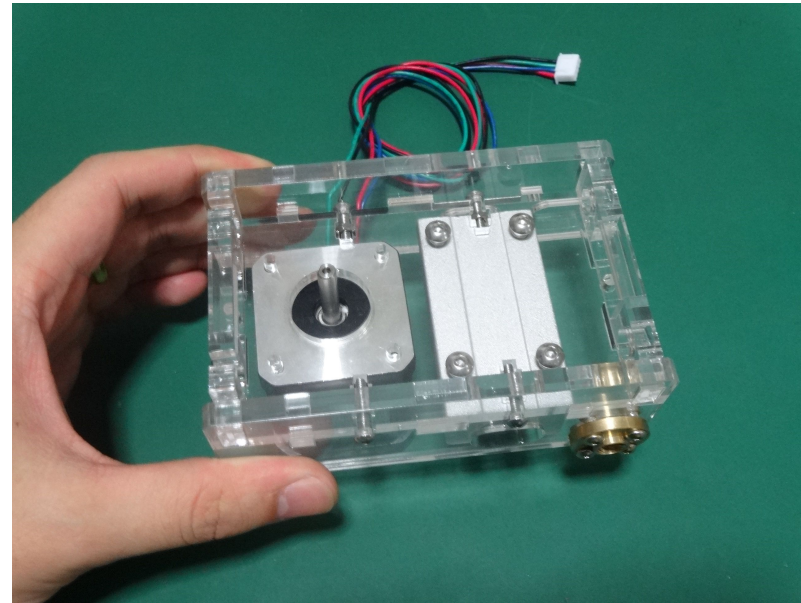
Part 4-6 installation picture

Choose:
Box-type slider 1PEC
M4*12 SCREW 4PCS

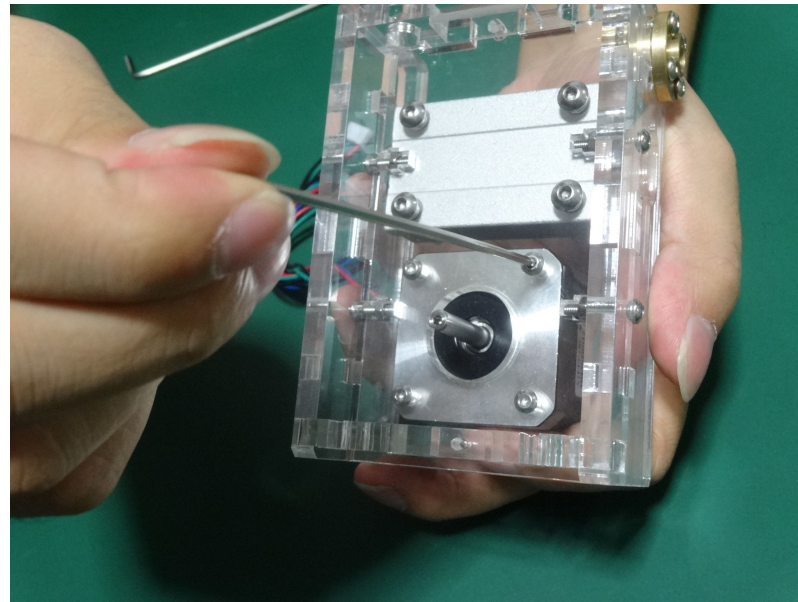


Part 4-7 installation picture

Choose:
STEPPER MOTOR 1PEC
M3*10 SCREW 4PCS



Lock the stepper motor
with M3* 10 screw.

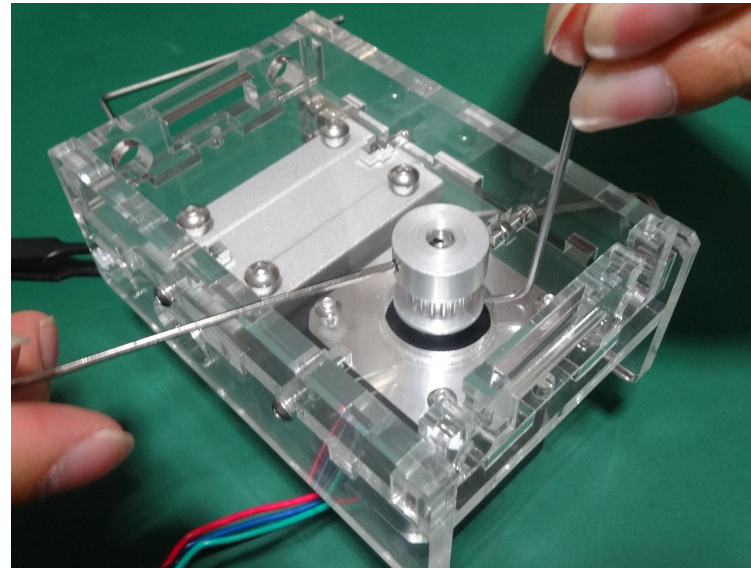


Part 4-8 installation picture

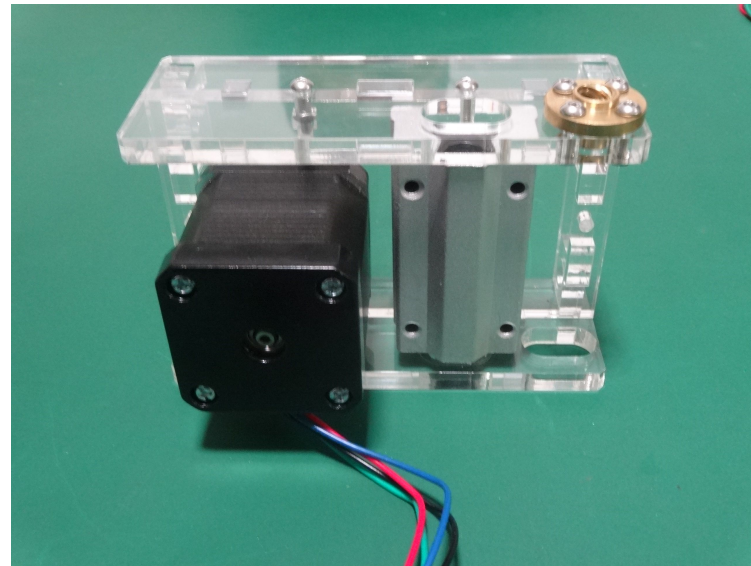
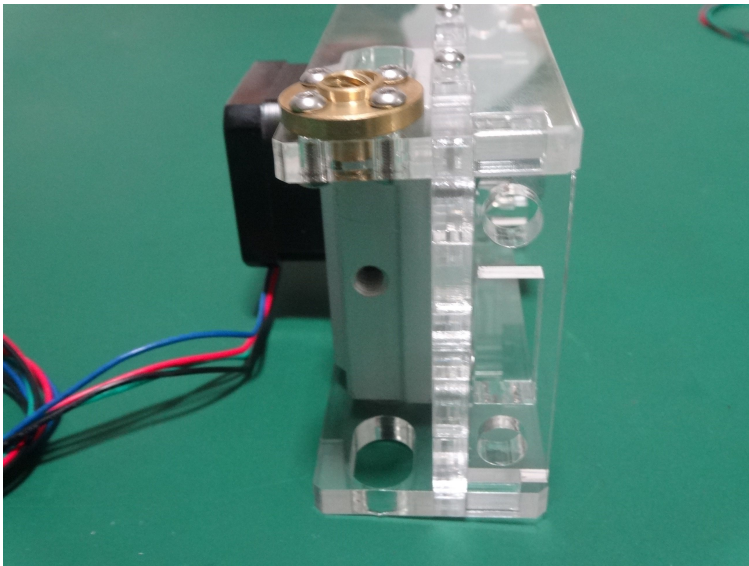
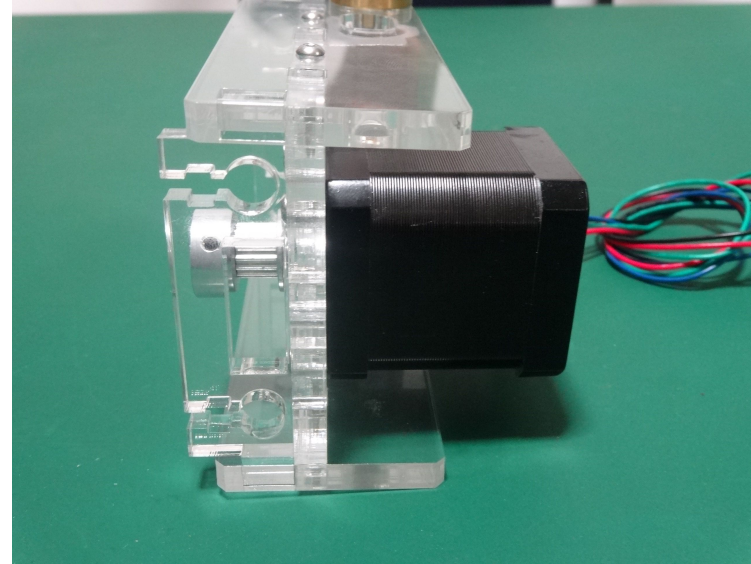
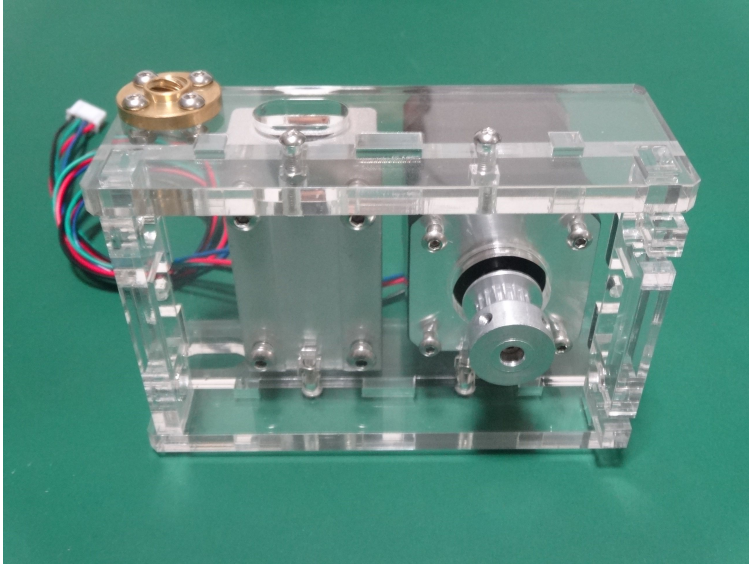
Choose:

Pulley 1 PEC

Lock the pulley onto the stepper motor, before screwing, stuck a spanner between the surface of acrylic and the bottom of pulley, then spin the screw inside of the pulley.



Part 4-9 installation picture



Part 5-1 installation picture

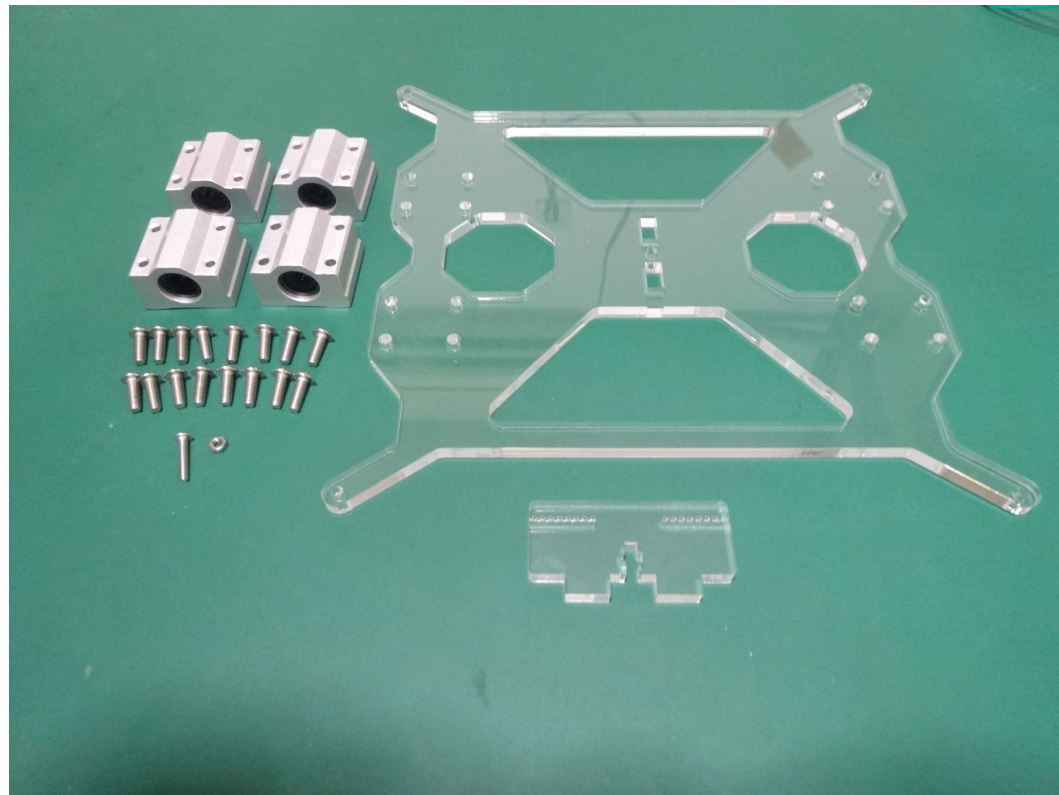
Prepare:

Box-type slider 4PCS

M4*12 SCREW 16PCS

M3*16 SCREW 1 PEC

M3 NUT 1 PEC



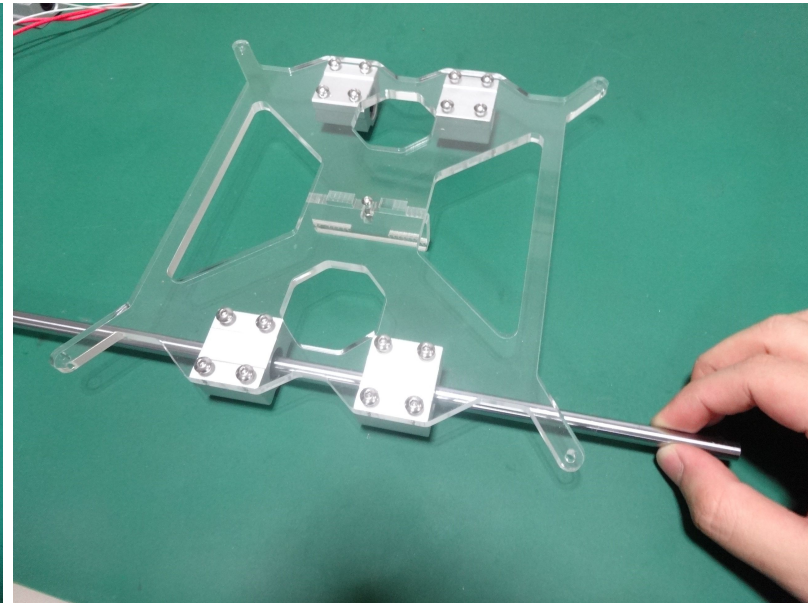
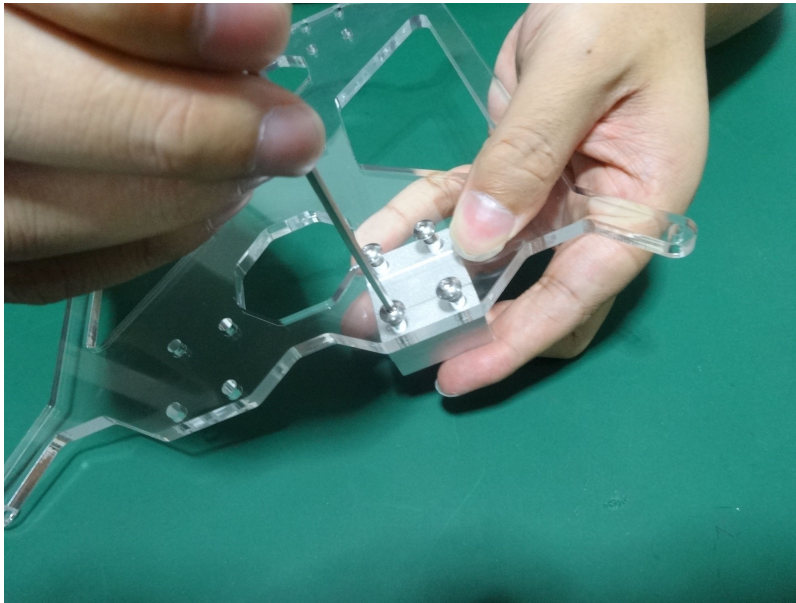
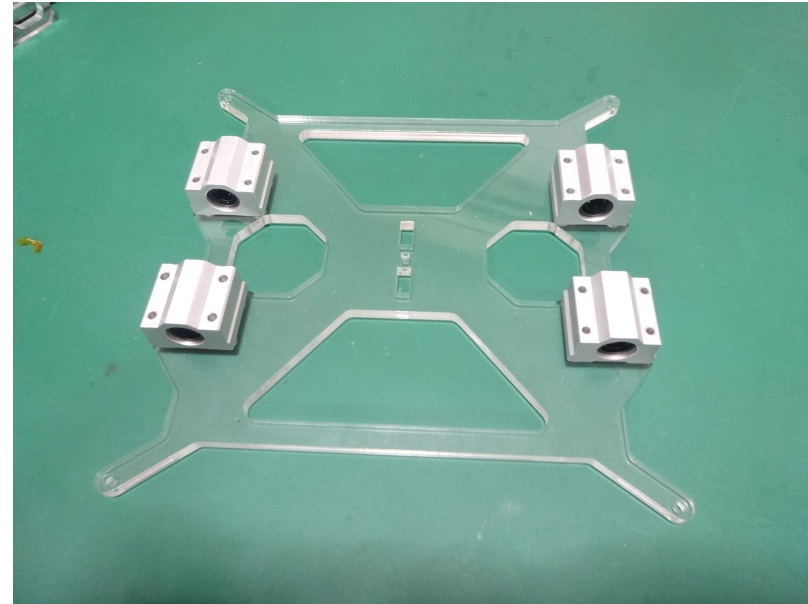
Part 5-2 installation picture

Choose:

Box-type slider 4PCS

M4*12 SCREW 16PCS

Lock four slider with 16 screw, but remember, before lock them tightly, you should put a feed rod through a pair of them, and pull the feed rod forward and backward, so as to make sure feed rod can pass through them easily.



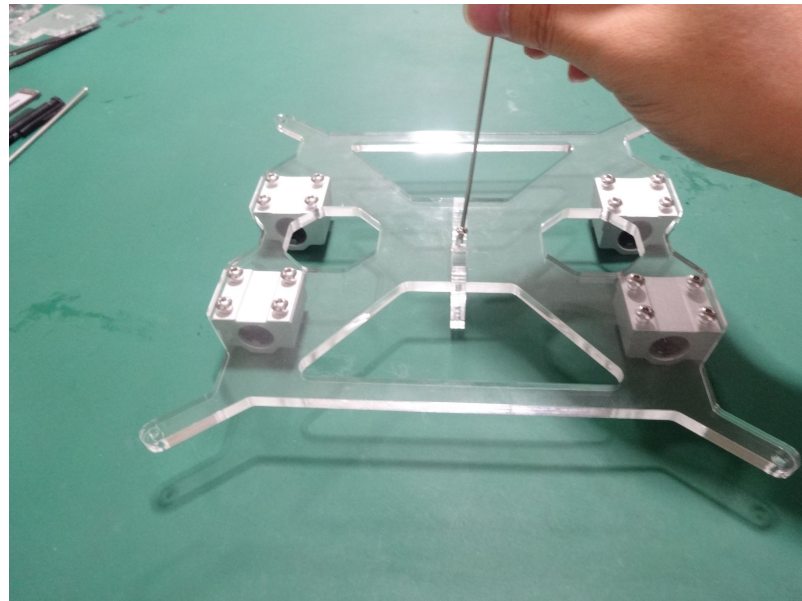
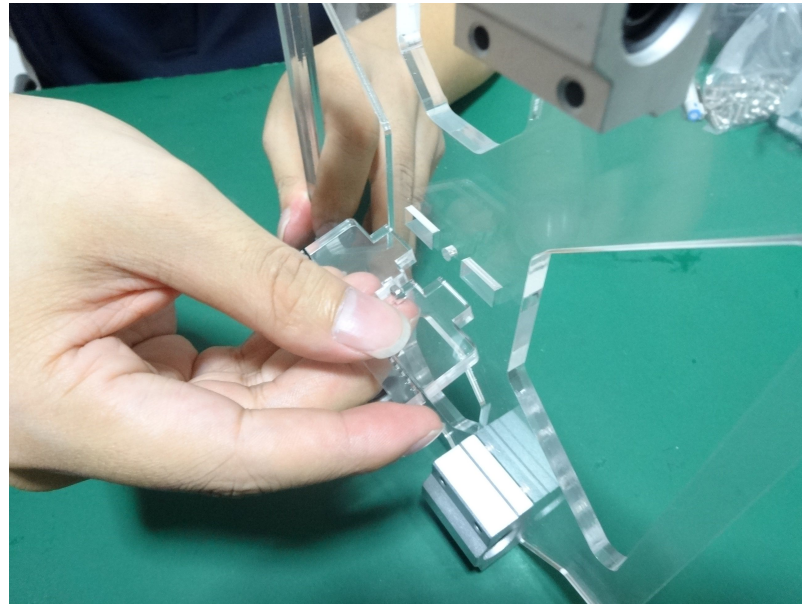
Part 5-3 installation picture

Choose:

M3*16 SCREW 1PEC

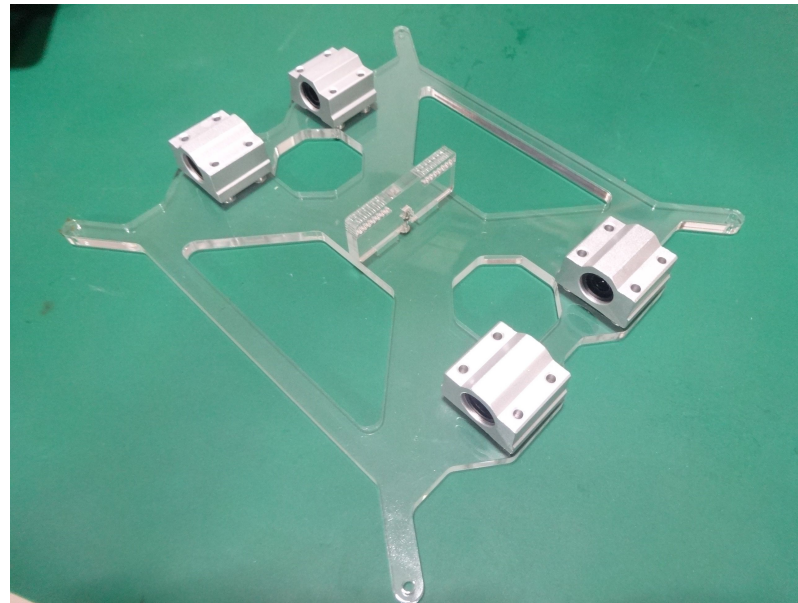
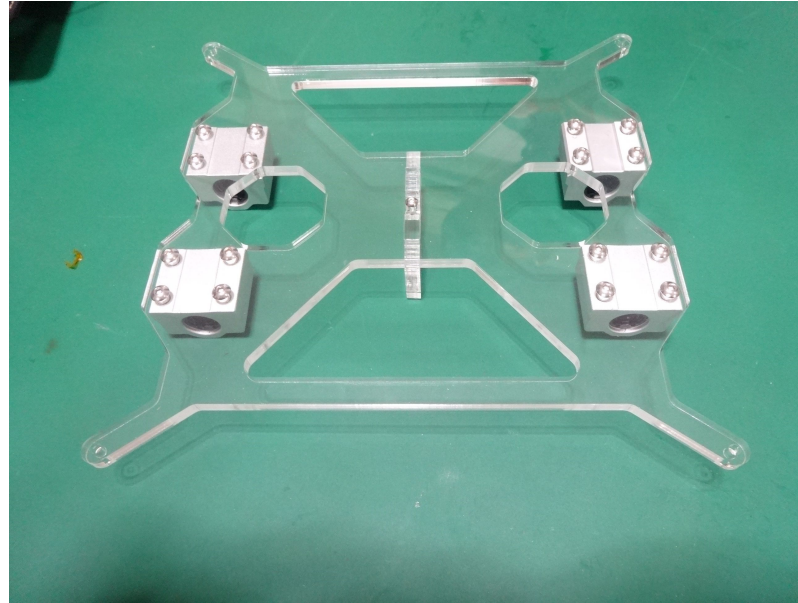
M3 NUT 1PEC

Lock the acylic piece on
the middle of the bigger
acylic board



Part 5-4 installation picture

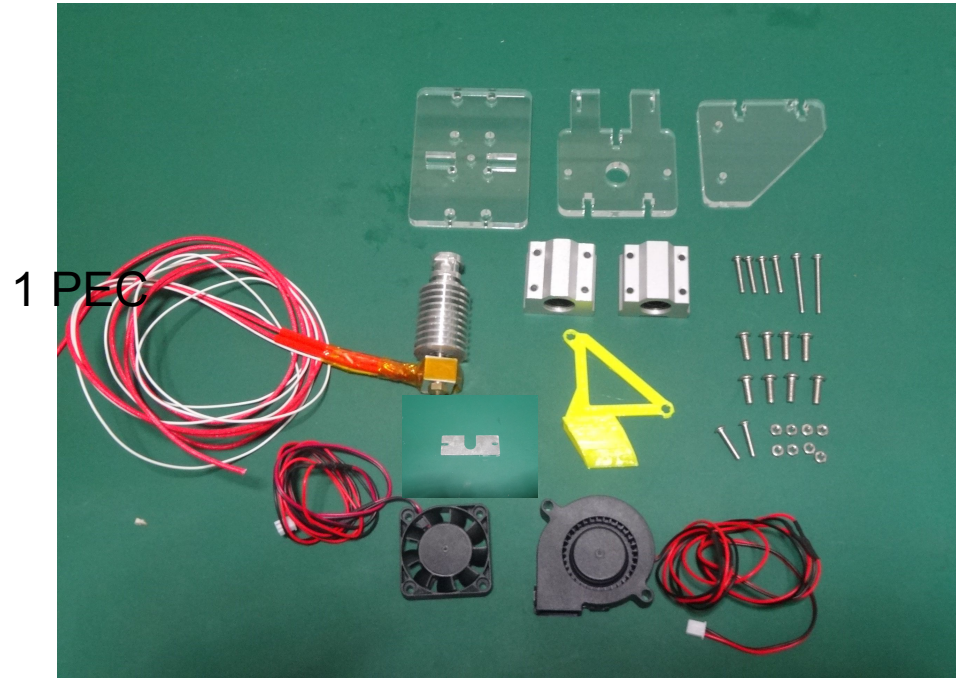
Finished



Part 6-1 installation picture

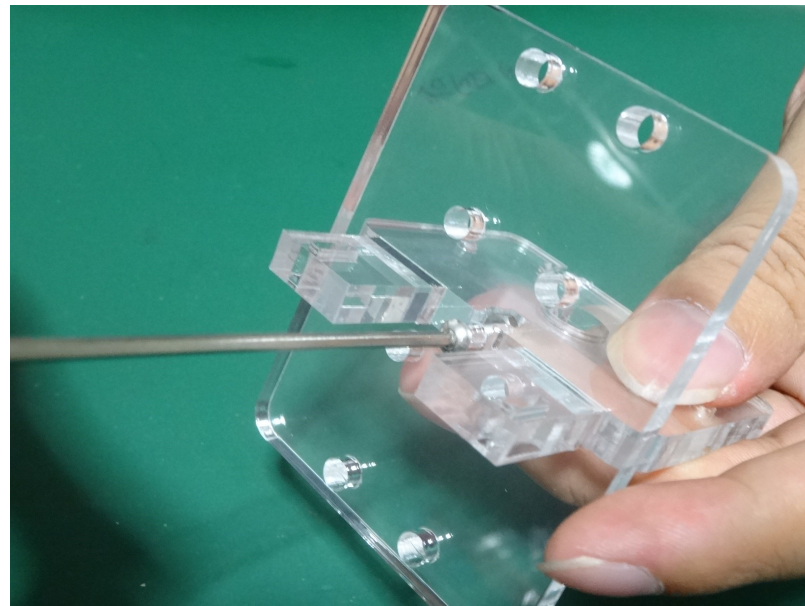
Prepare:

| | |
|------------------------------|-------|
| E3D Full metal Hotend | 1 PEC |
| Alu SPOOI HOIDER | 1 PEC |
| BOX TYPE SLIDER(standard) | 2 PCS |
| COOL FAN DUCT PRINTED PIECES | 1 PEC |
| FAN | 1 PEC |
| TURBO FAN | 1 PEC |
| M3 * 16 SCREW | 2 PCS |
| M3 * 18 SCREW | 4 PCS |
| M3 * 30 SCREW | 2 PCS |
| M3 NUT | 8 PCS |
| M4 * 12 SCREW | 8 PCS |

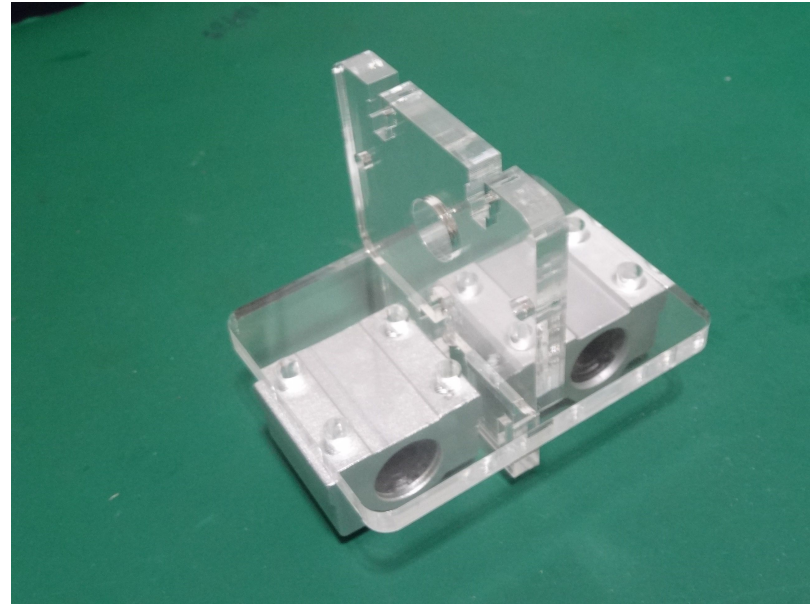


Part 6-2 installation picture

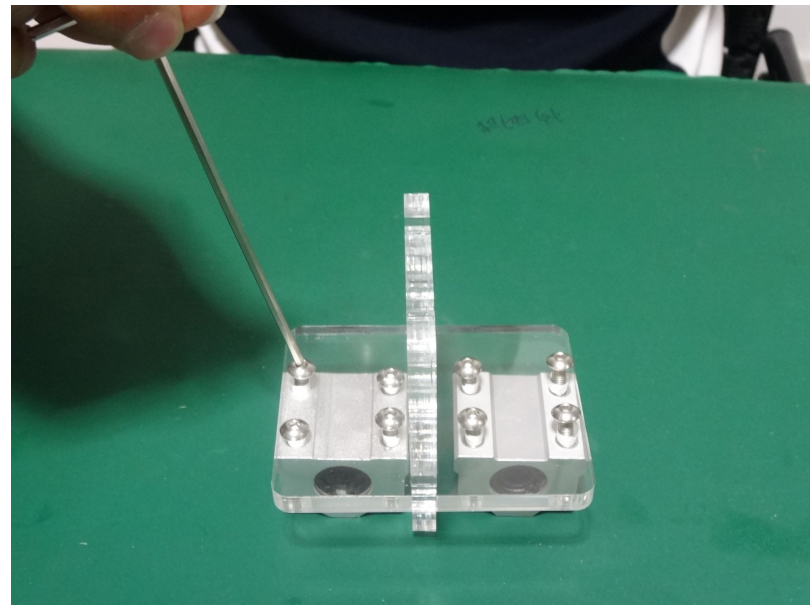
Choose:
M3*16 screw 1 pec
M3 nut 1 pec



Part 6-3 installation picture



Choose:
M4*12 8pcs
box slider 2 pcs



Part 6-4 installation picture

Choose:

M3*18

2PCS

M3 NUT

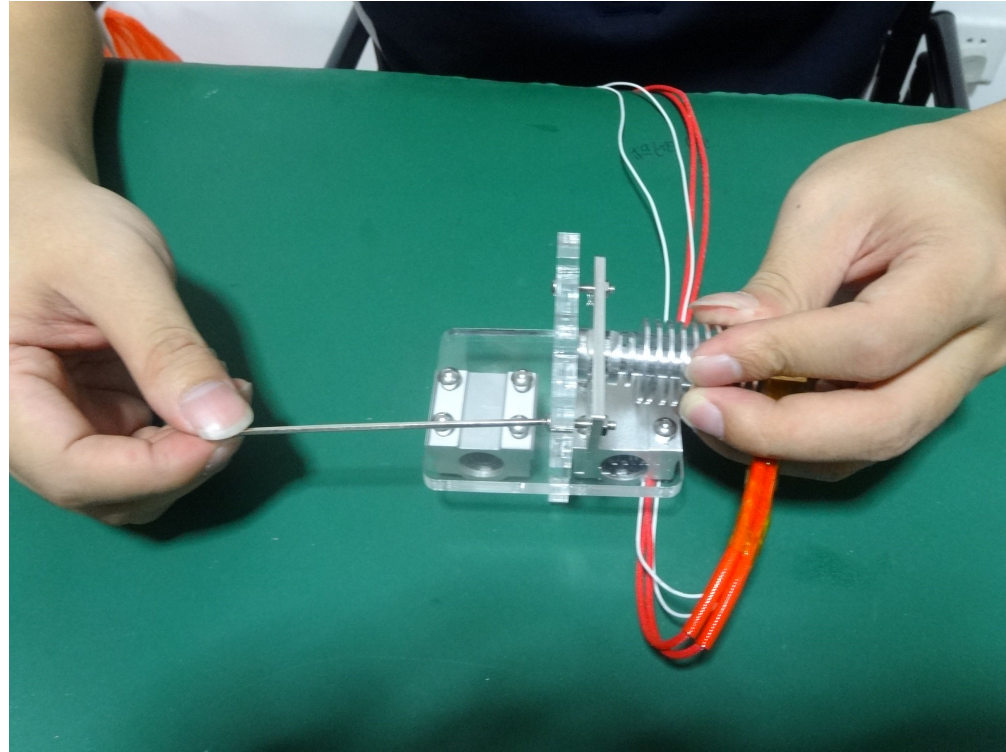
2PCS

E3D Full metal Hotend

1 PEC

Alu SPOOI HOIDER

1 PEC



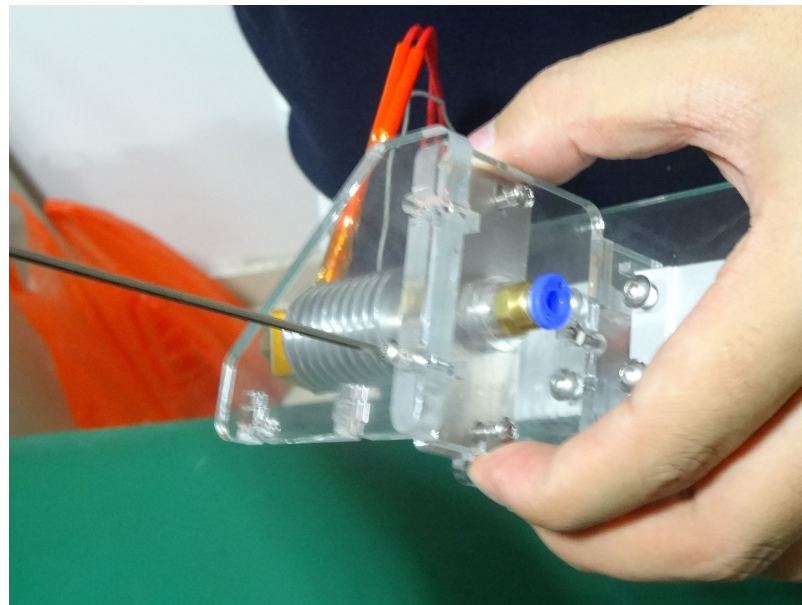
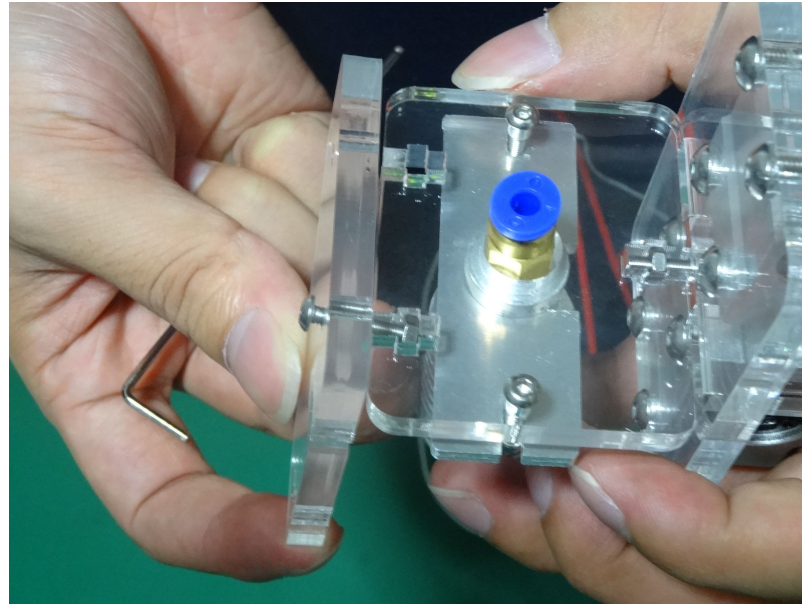
Part 6-5 installation picture

Choose:

M3*16 SCREW 1 PEC

M3 NUT 1 PEC

Spin the screw on the
downside first.



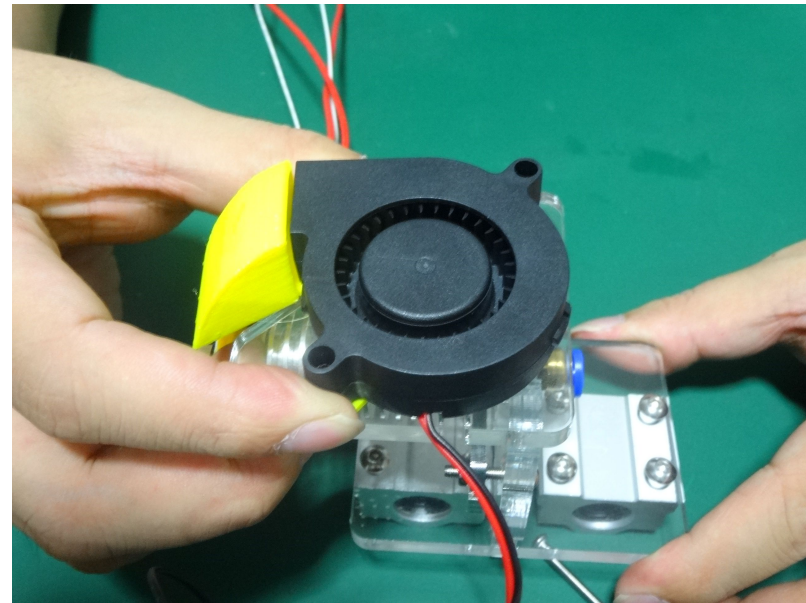
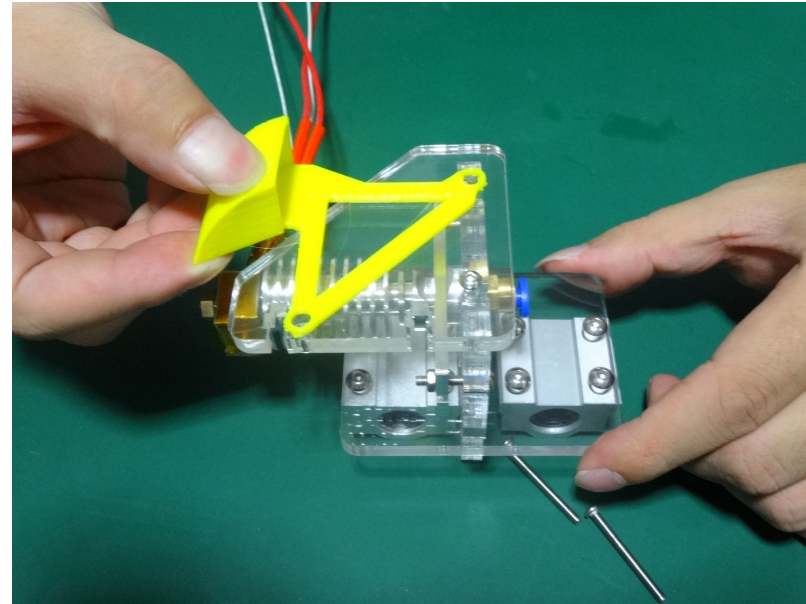
Part 6-6 installation picture

Choose:

Cooling duct fan PEC 1 PEC

Turbo fan 1 PEC

Put the cooling duct fan piece and the turbo fan on the acrylic one by one.



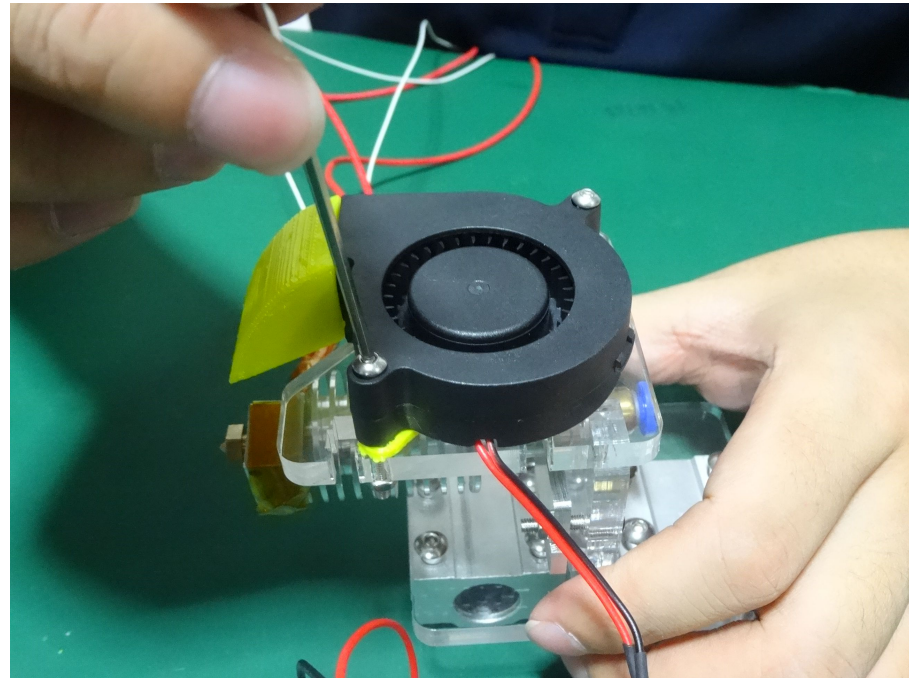
Part 6-7 installation picture

Choose:

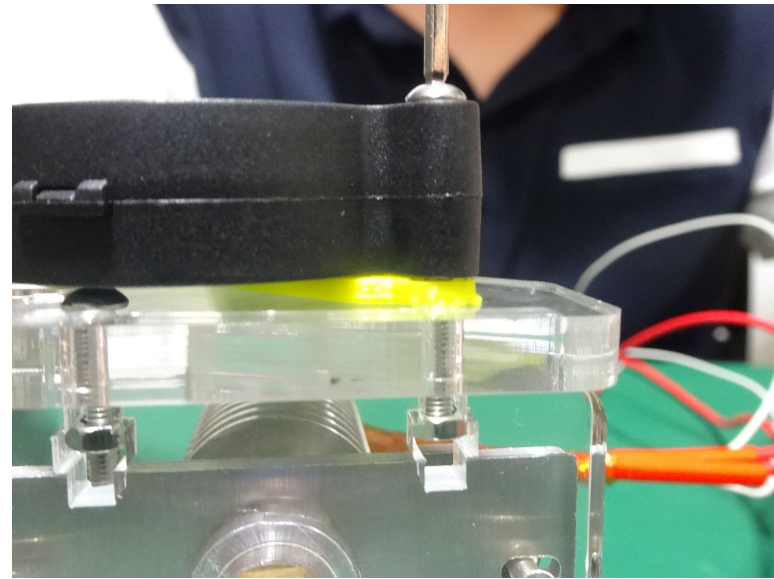
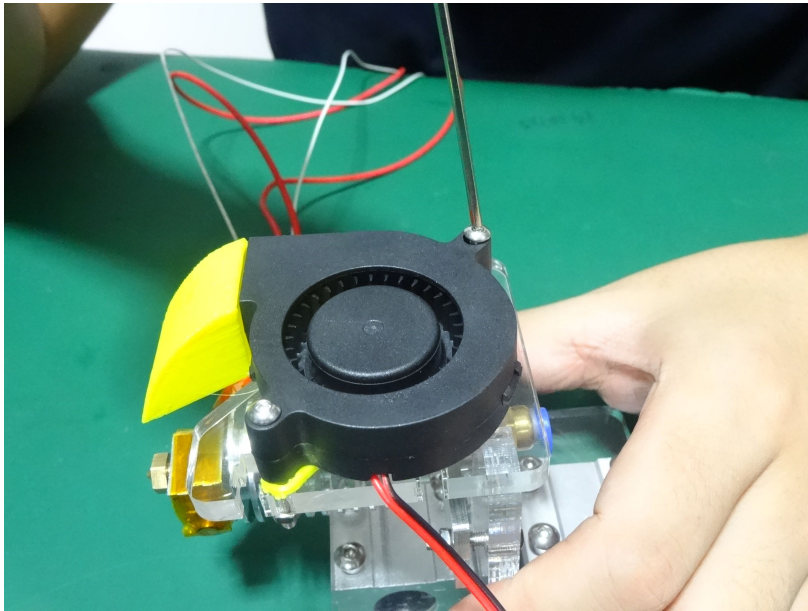
M3*30 SCREW 2PCS

M3 NUT 2PCS

Screw the one on the down side first.

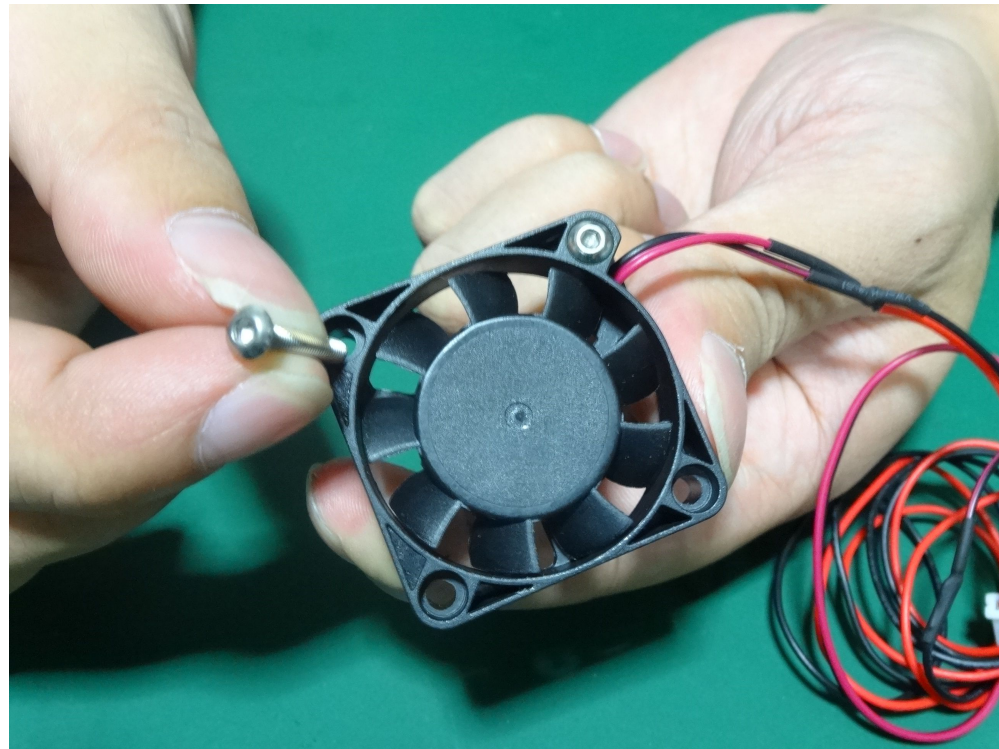


Part 6-8 installation picture



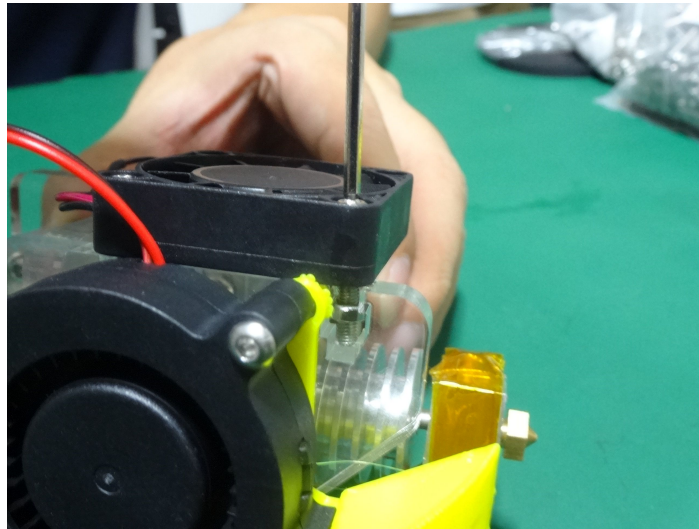
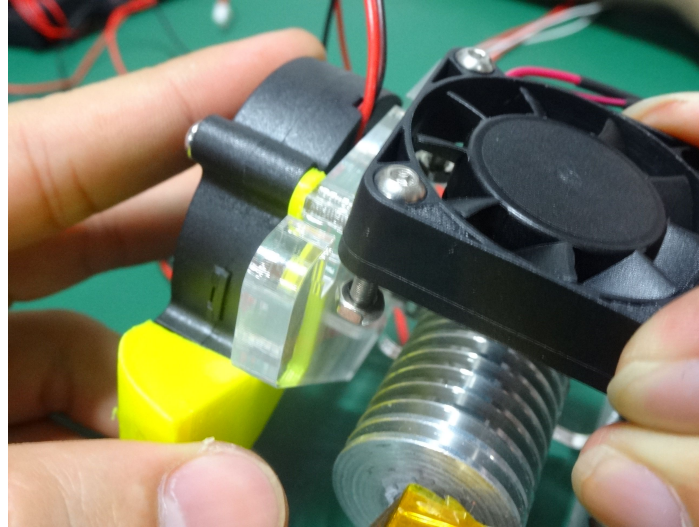
Part 6-9 installation picture

Choose:
M3*18 SCREW 2PCS
M3 NUT 2PCS

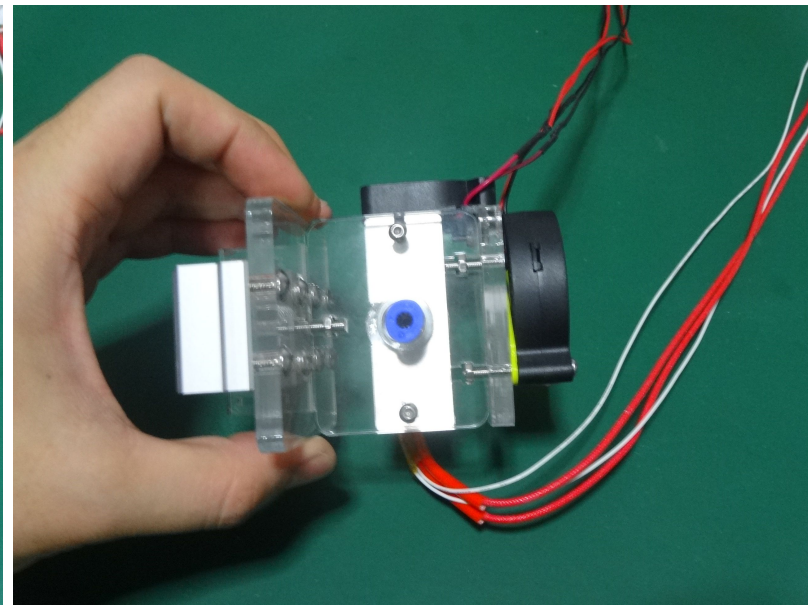
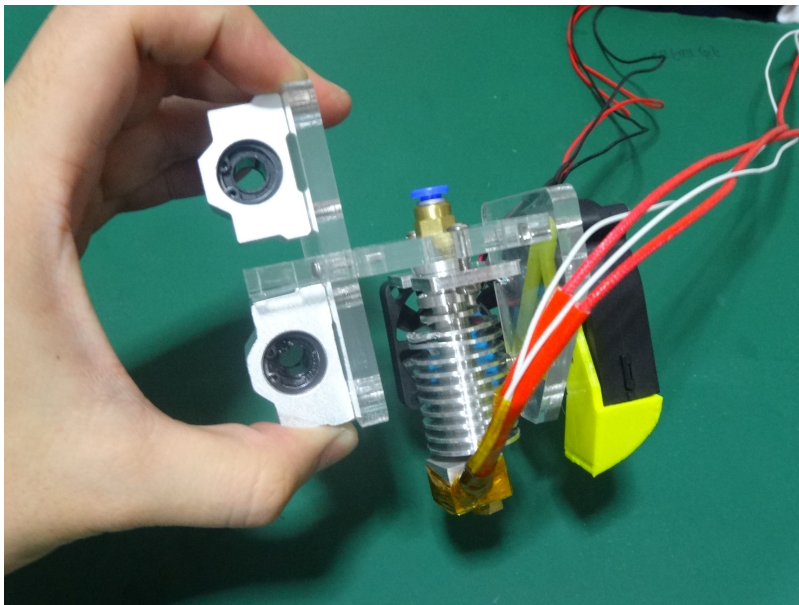
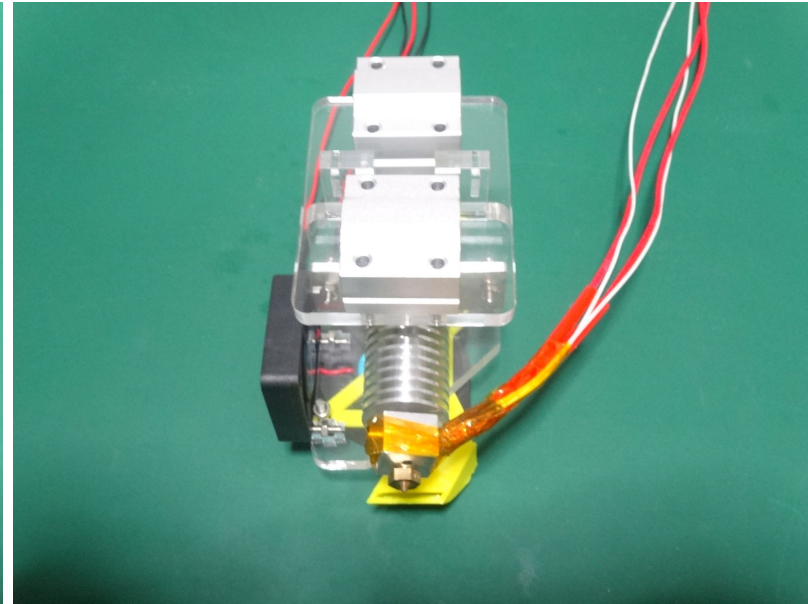
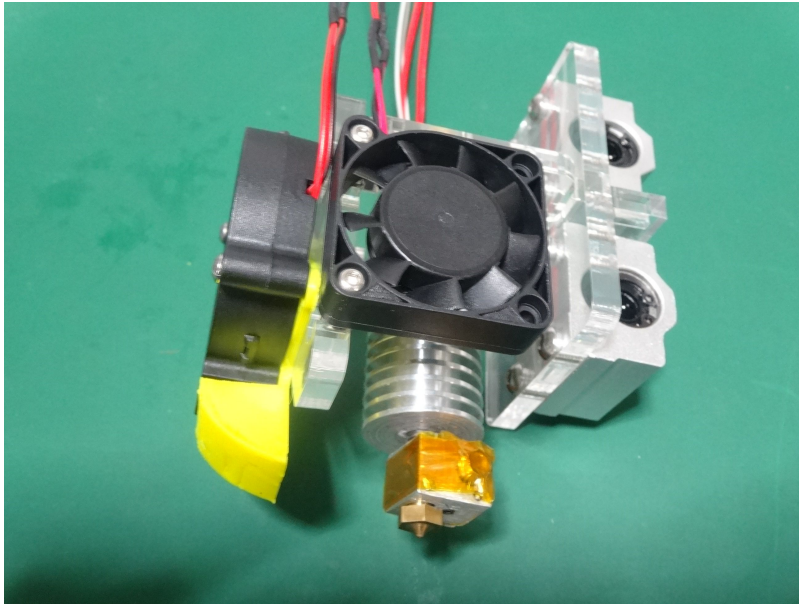


Part 6-10 installation picture

Assemble the fan on to the acrylic board, then, tie it up.

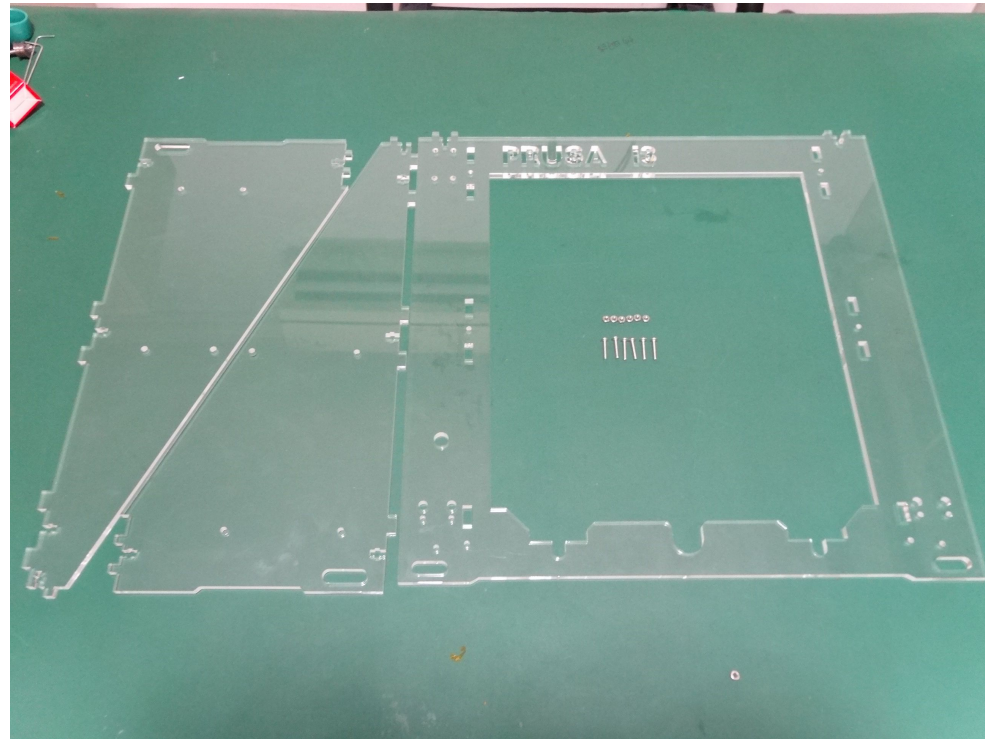


Part 6-11 installation picture



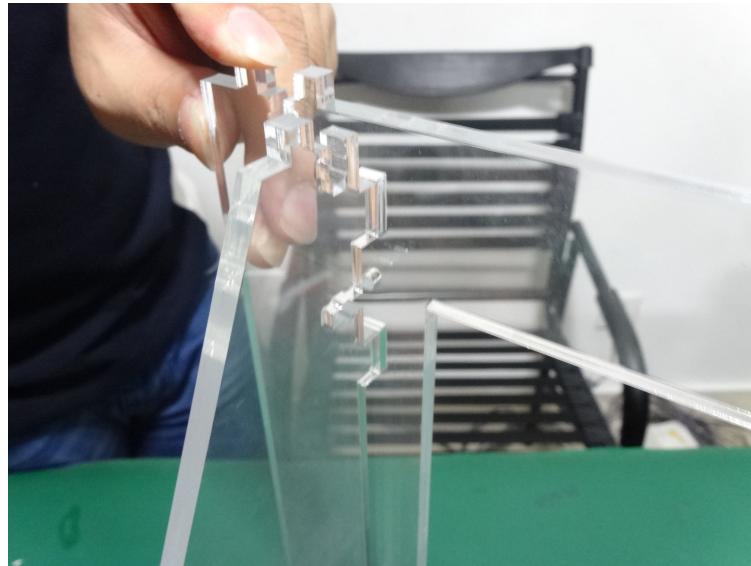
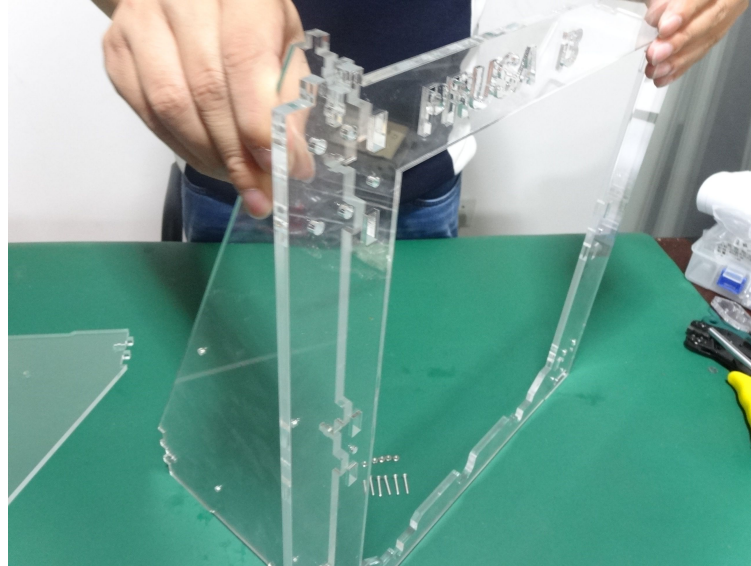
Part 7-1 installation picture

prepare:
M3*16 SCREW 6PCS
M3 NUT 6PCS



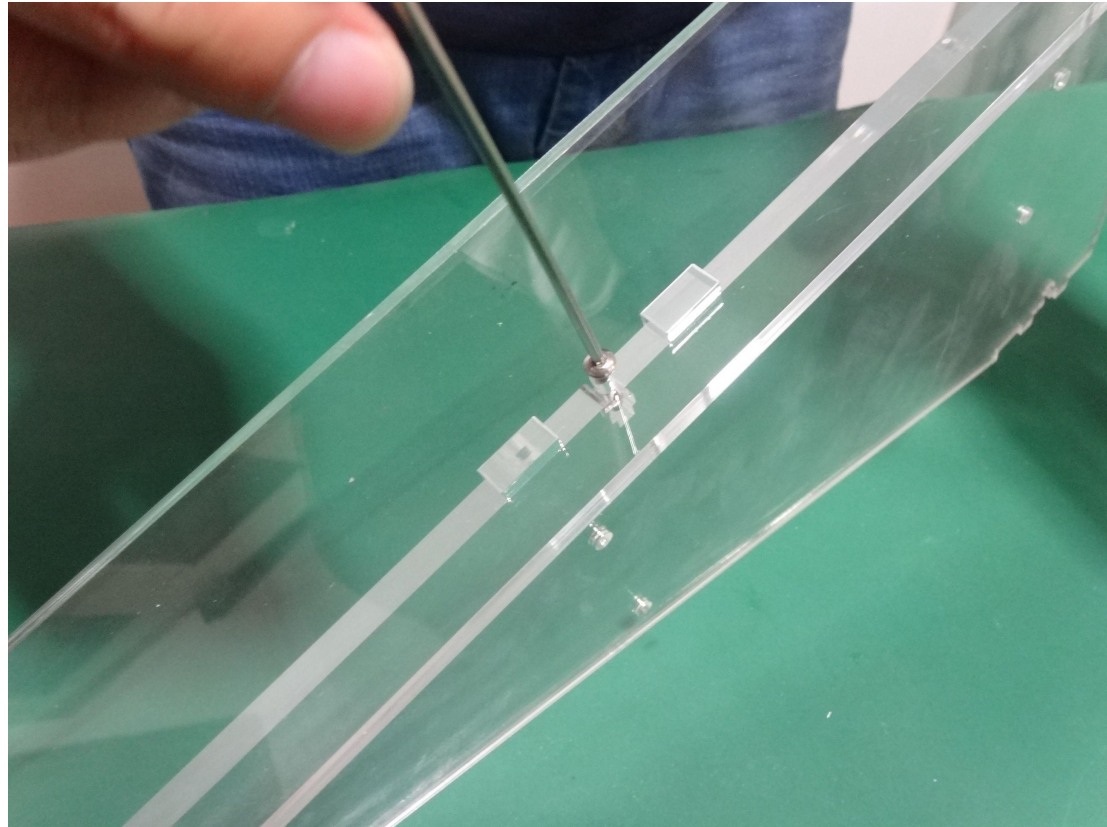
Part 7-2 installation picture

Assemble them together slowly.



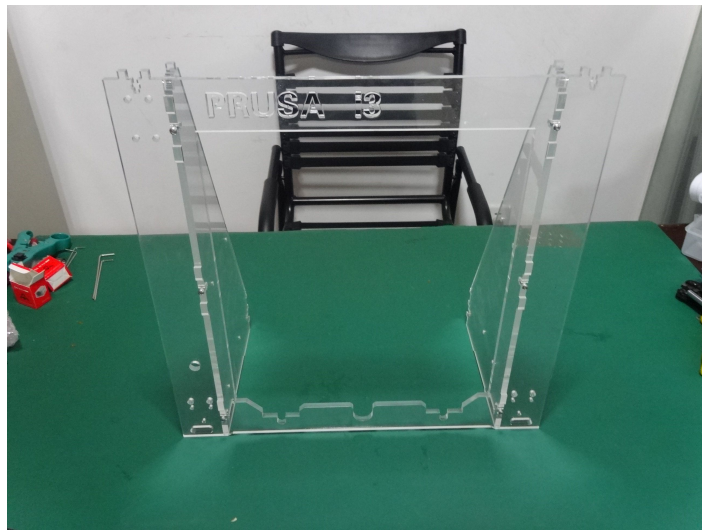
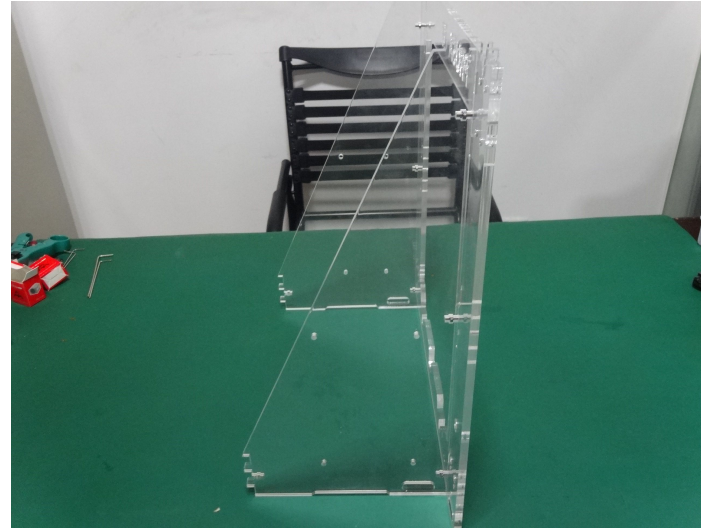
Part 7-3 installation picture

Assemble them with screws
and nuts



Part 7-4 installation picture

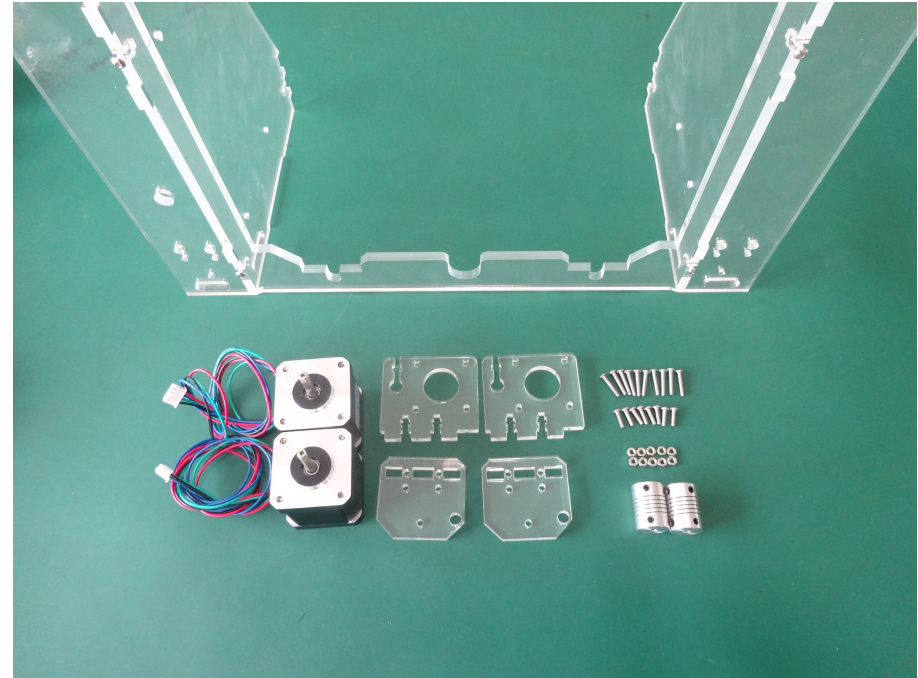
After assemble



Part 8-1 installation picture

Prepare:

| | |
|---------------|--------|
| STEPPER MOTOR | 2 PCS |
| COUPLING | 2 PCS |
| M3 * 10 SCREW | 8 PCS |
| M3 * 16 SCREW | 10 PCS |
| M3 NUT | 10 PCS |

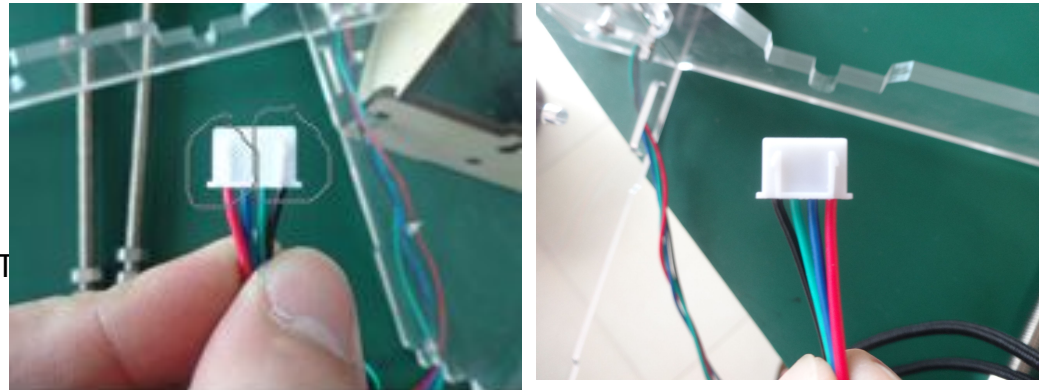


Warming:

the side with direction on the top
(color is counted from left to right)

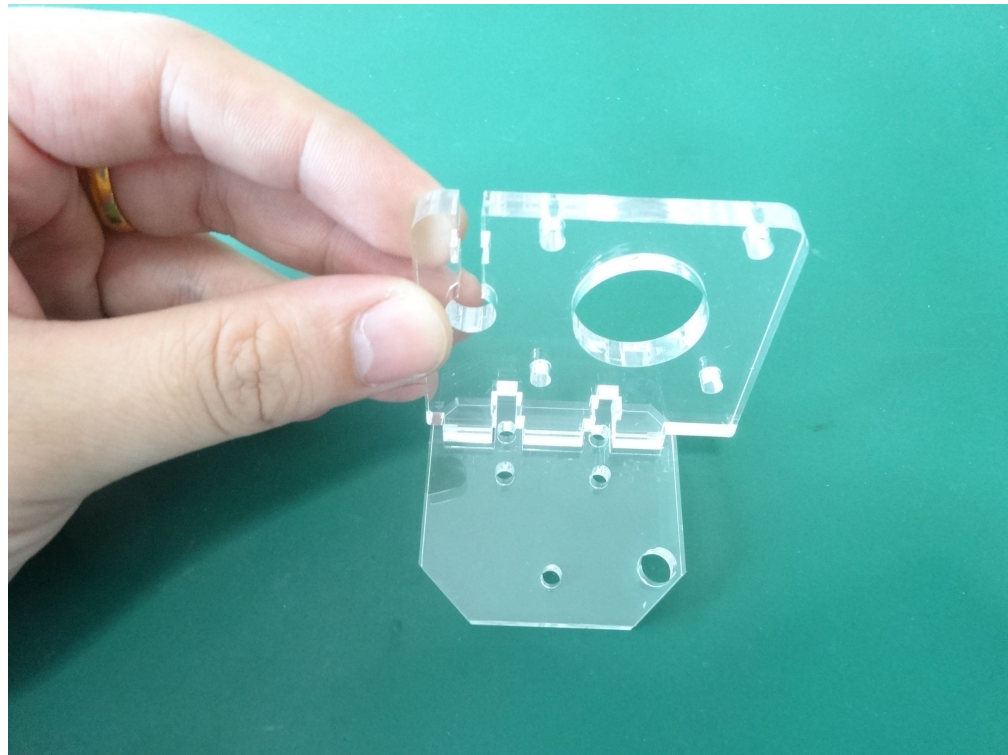
STEPPER MOTOR1 (red,blue,green,black) ON THE LEFT

STEPPER MOTOR2 (black,green,blue,red) ON THE RIGHT



Part 8-2 installation picture

Assemble the acrylic board
for the left motor first



Part 8-3 installation picture

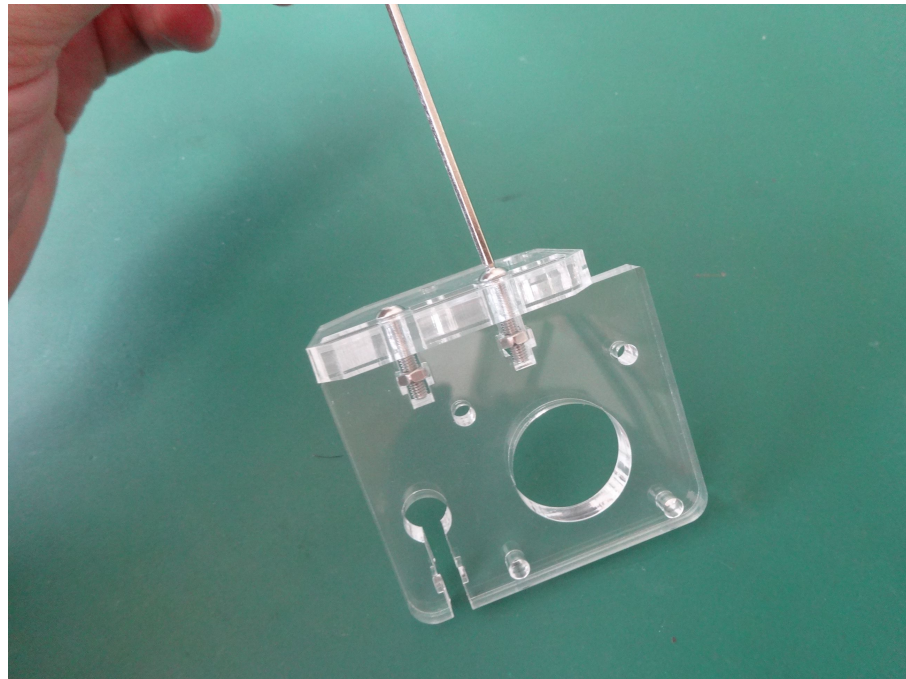
Choose:

M3* 16 SCREW

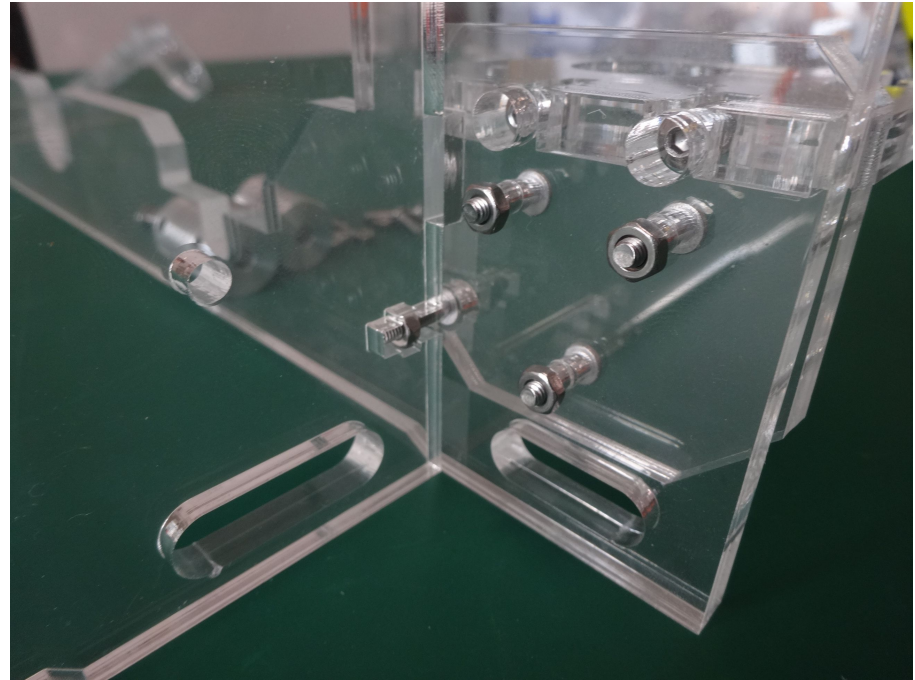
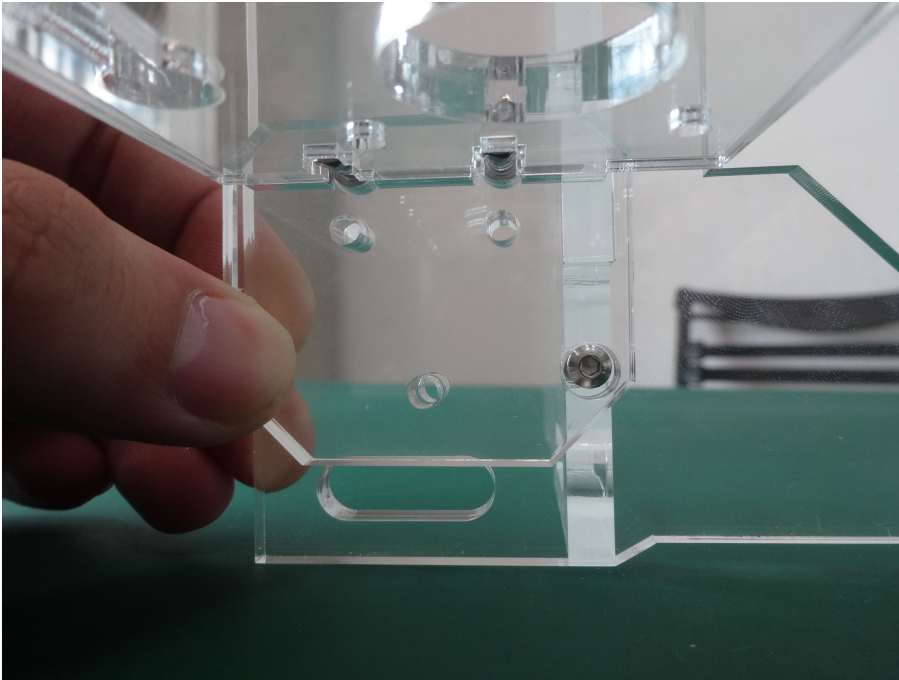
2PCS

M3 NUT

2PCS



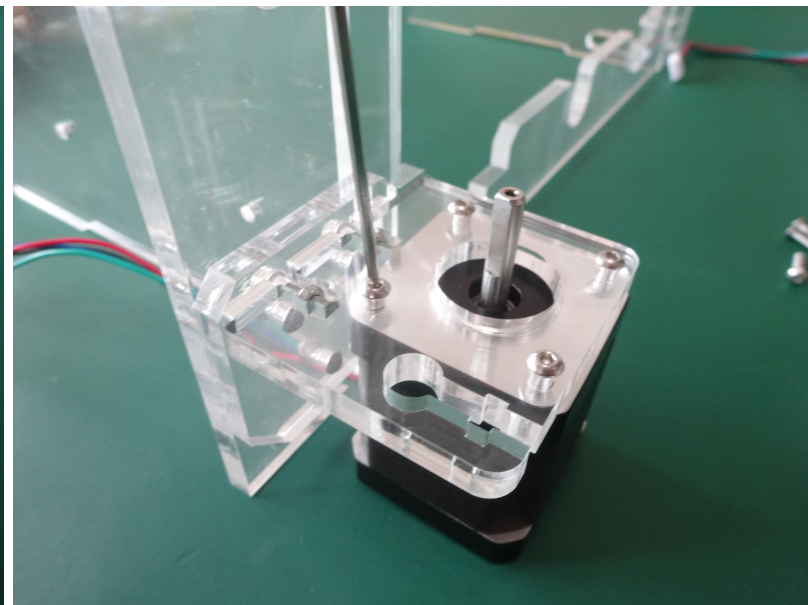
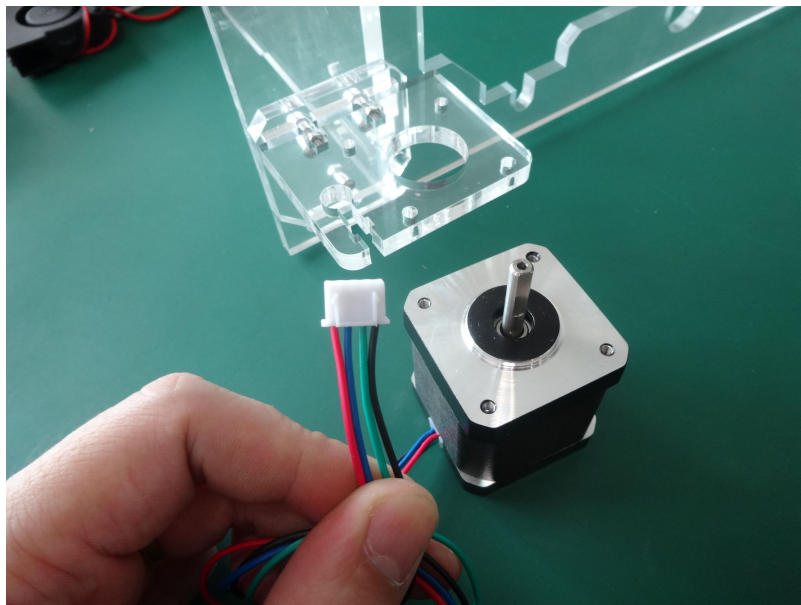
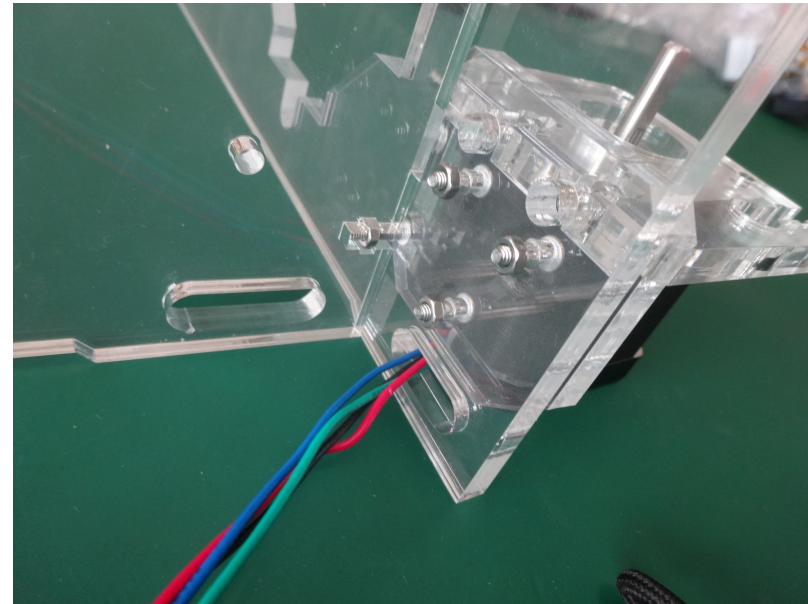
Part 8-4 installation picture



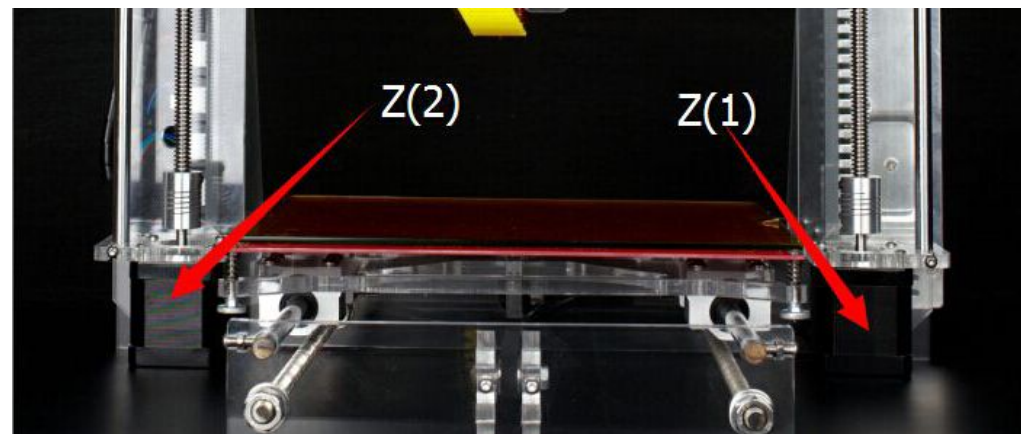
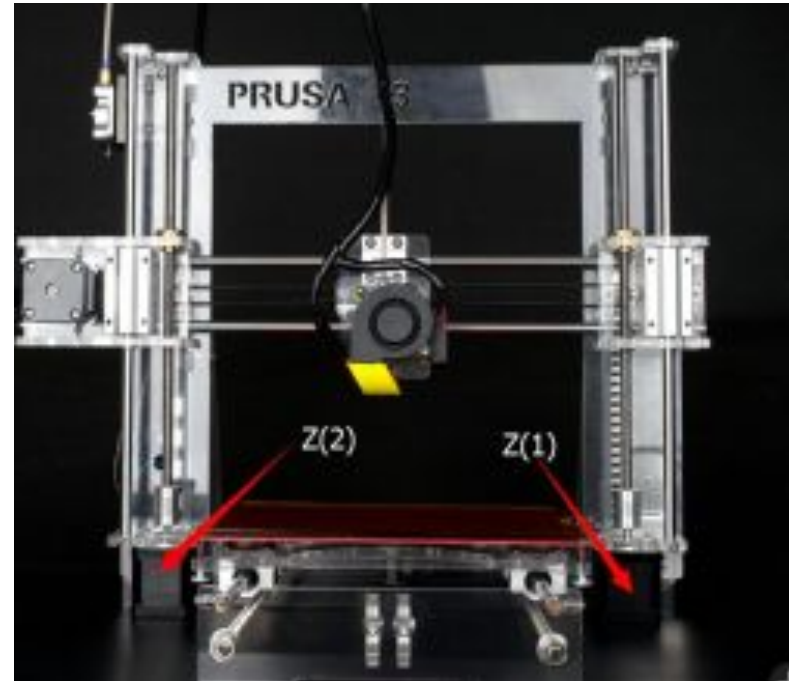
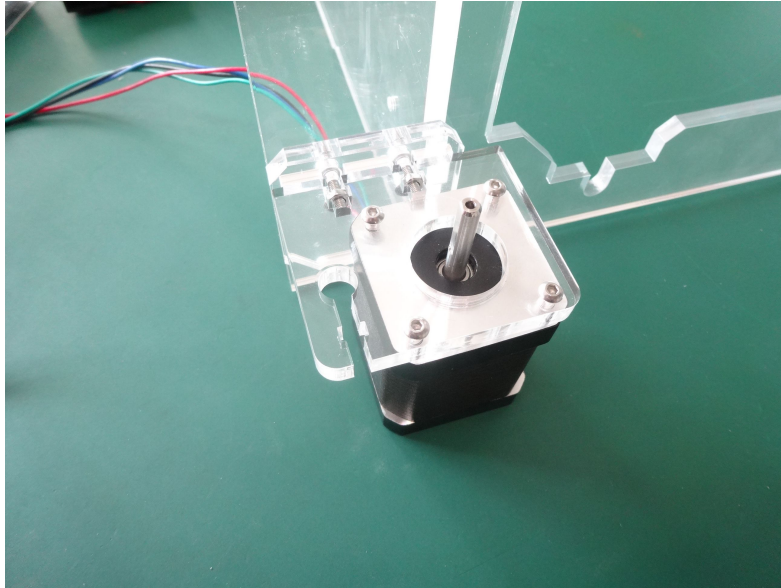
Part 8-5 installation picture

Choose:
STEPPER MOTOR1
(red,blue,green,black)

M3* 10 SCREW 4PCS



Part 8-6 installation picture

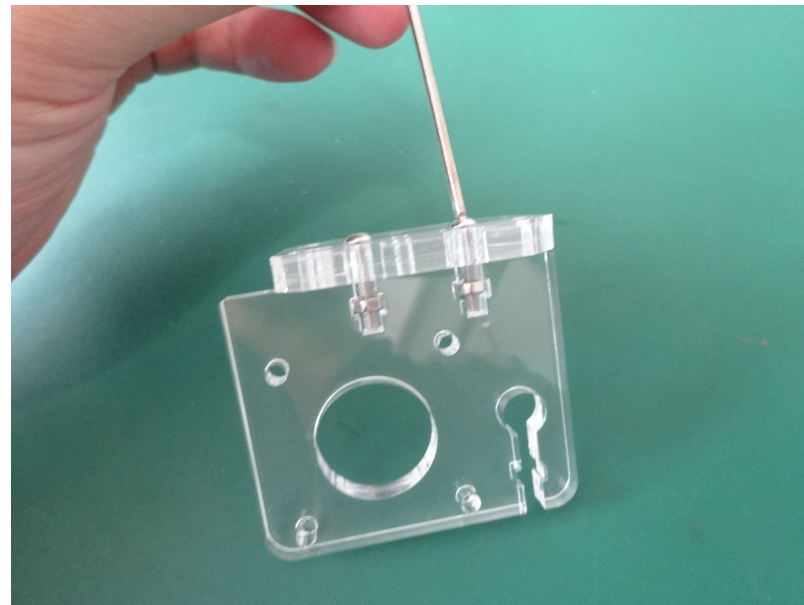
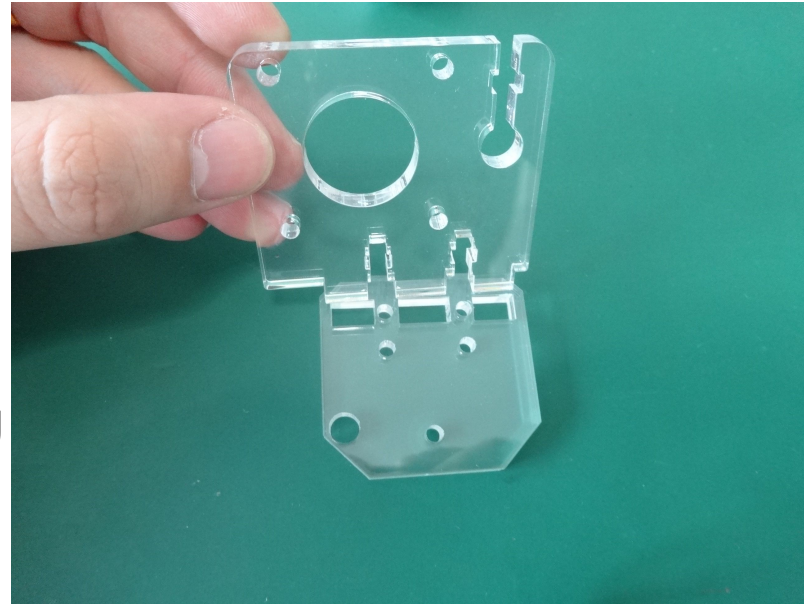


Part 8-7 installation picture

Right acrylic frame assembling

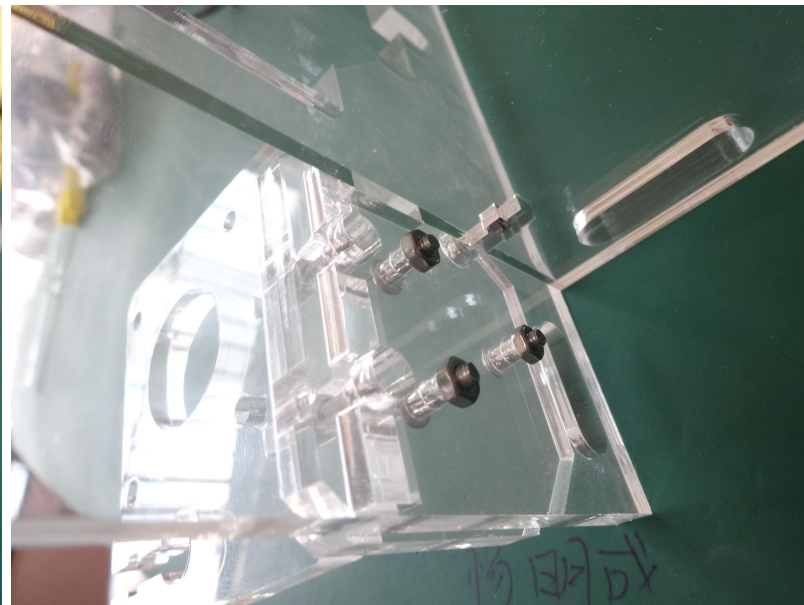
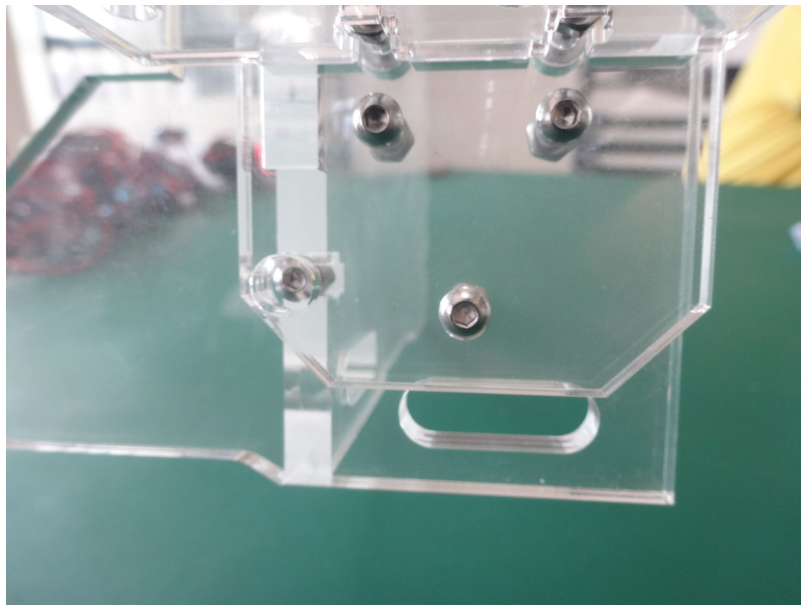
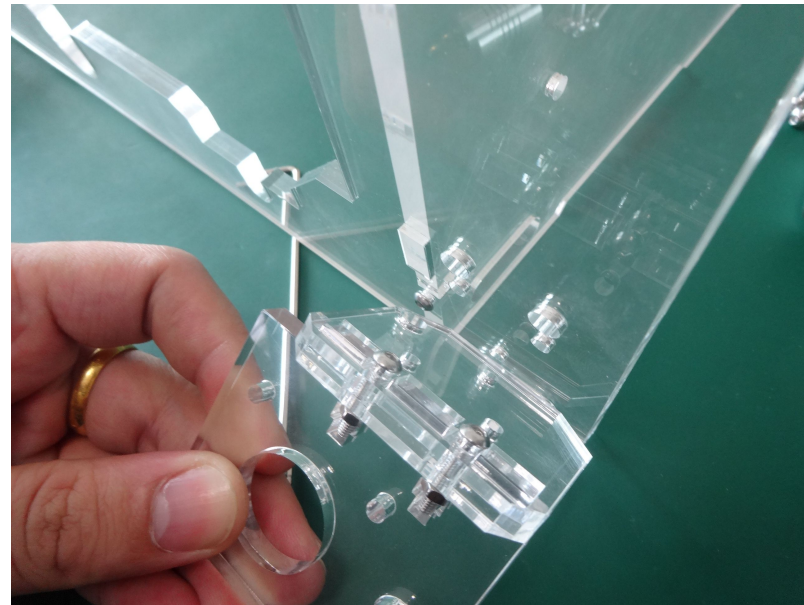
Choose:

| | |
|--------------|------|
| M3* 16 SCREW | 2PCS |
| M3 NUT | 2PCS |



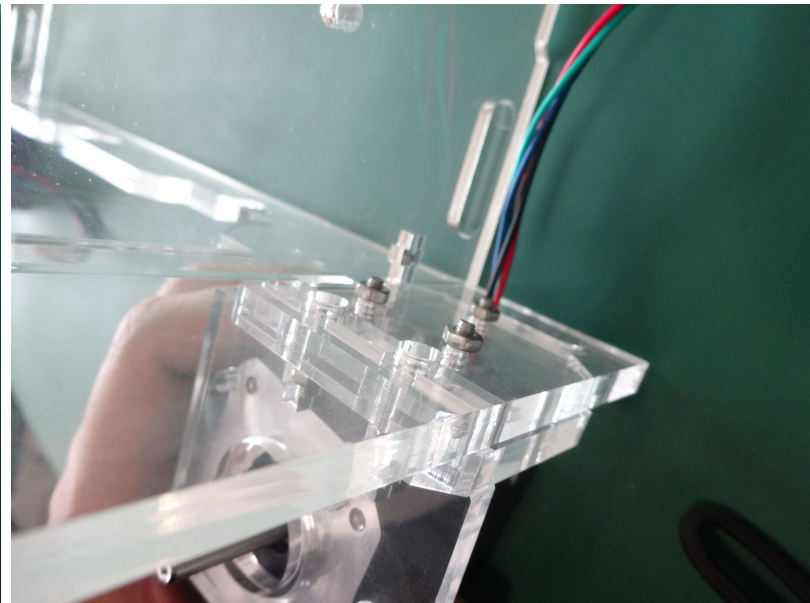
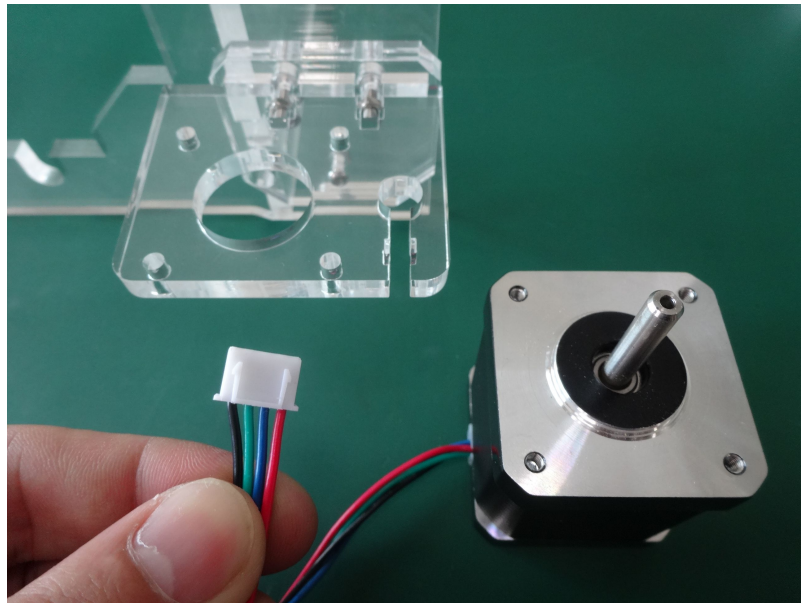
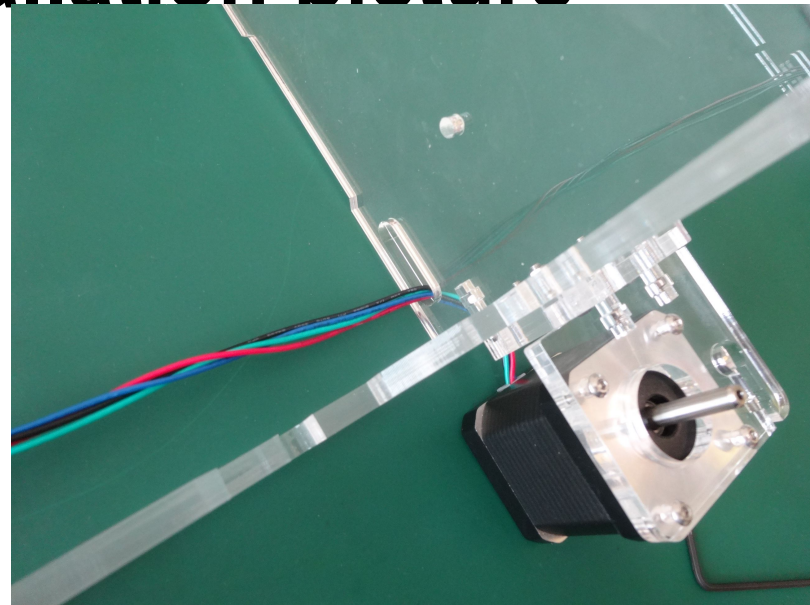
Part 8-8 installation picture

Choose:
M3* 16 SCREW 3PCS
M3 NUT 3PCS



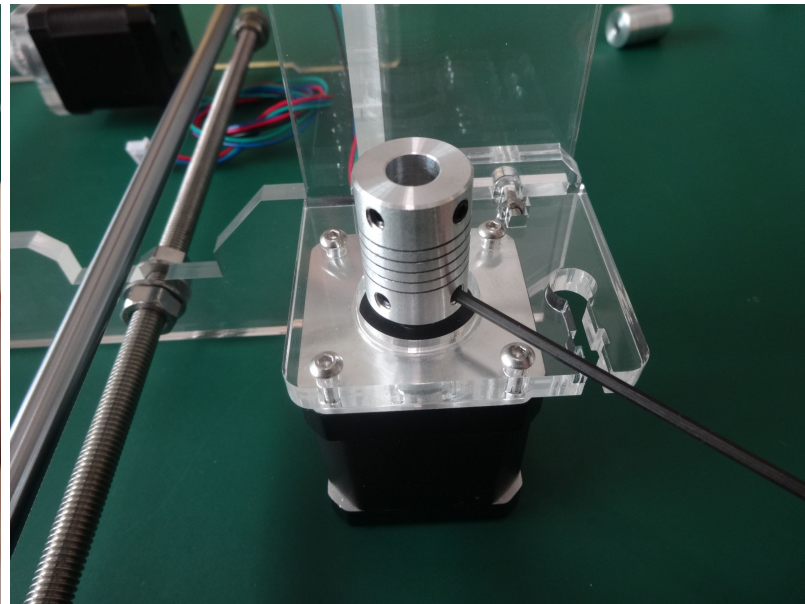
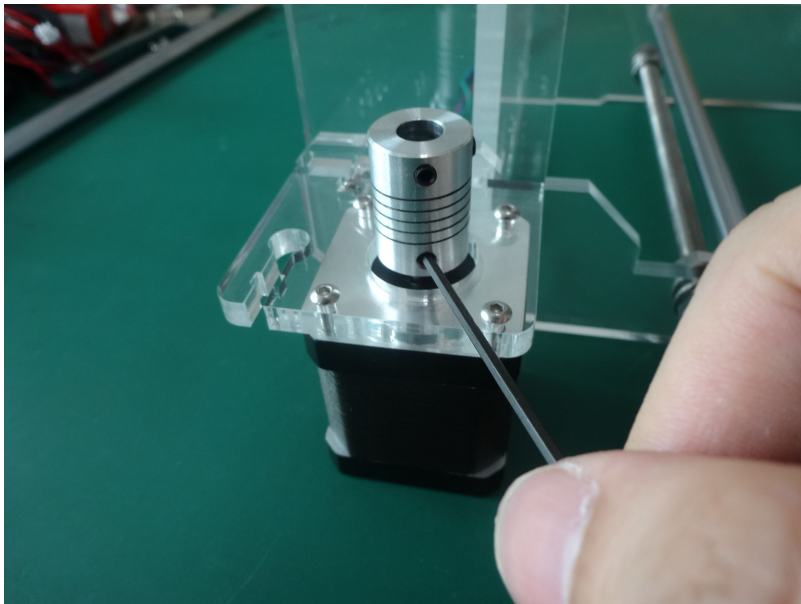
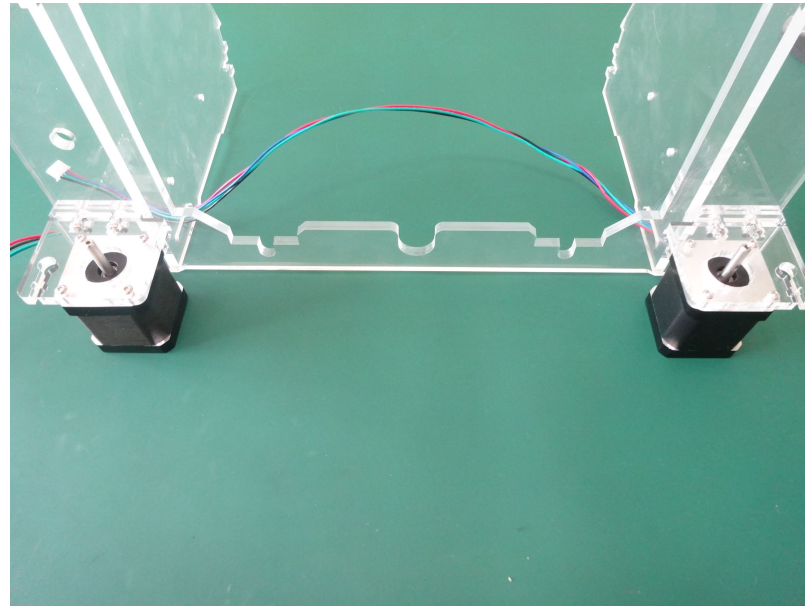
Part 8-9 installation picture

Choose:
M3* 10 SCREW 4PCS
STEPPER MOTOR2
(black,green,blue,red)



Part 8-10 installation picture

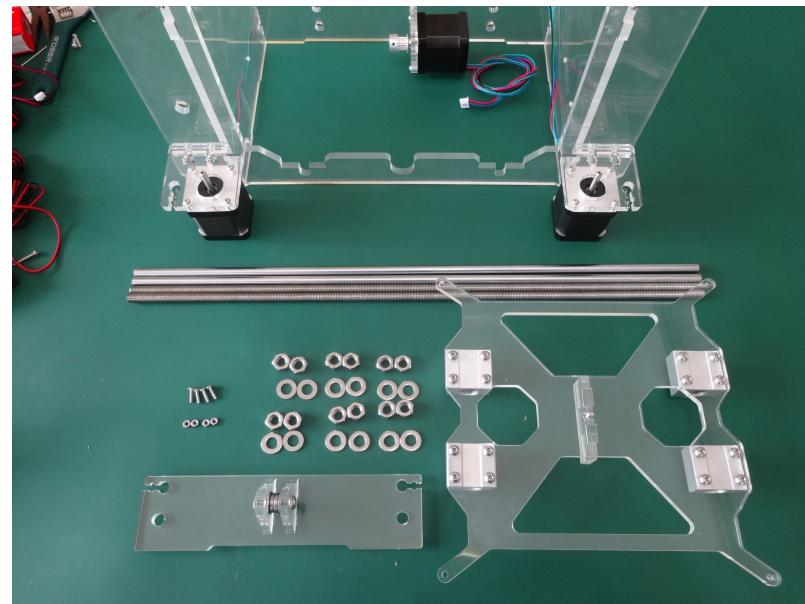
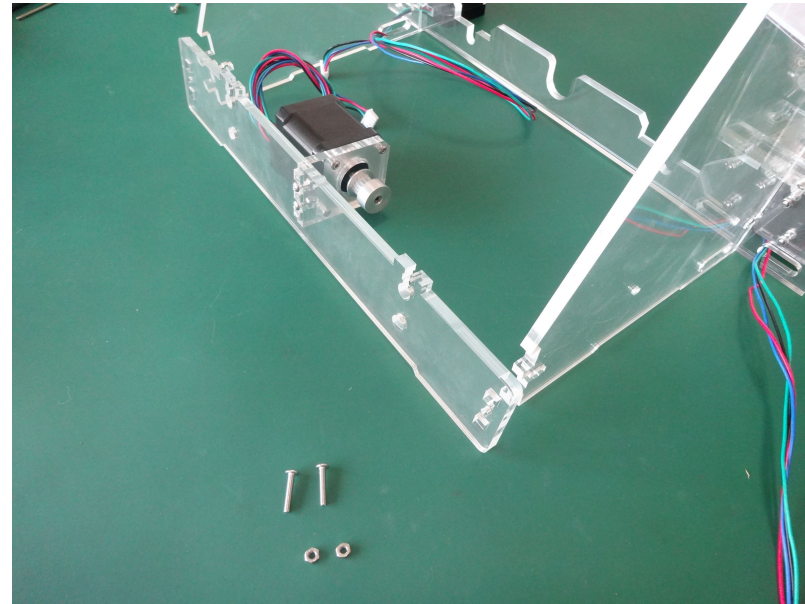
After assembling



Part 9-1 installation picture

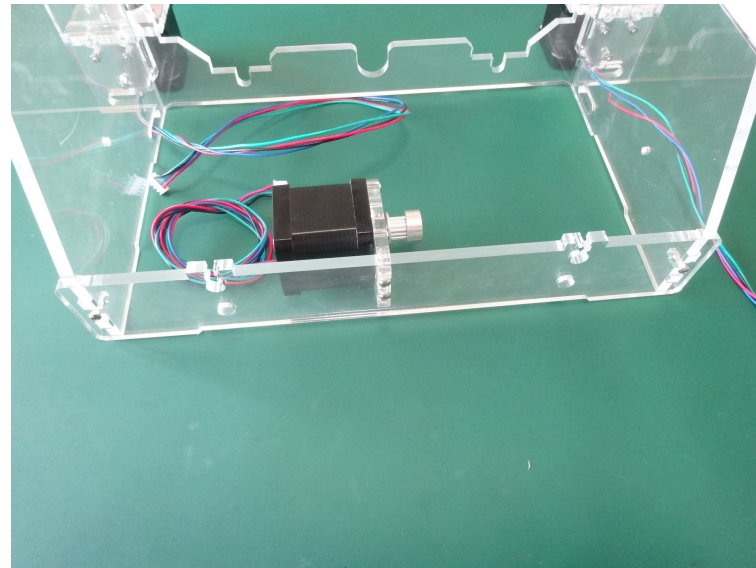
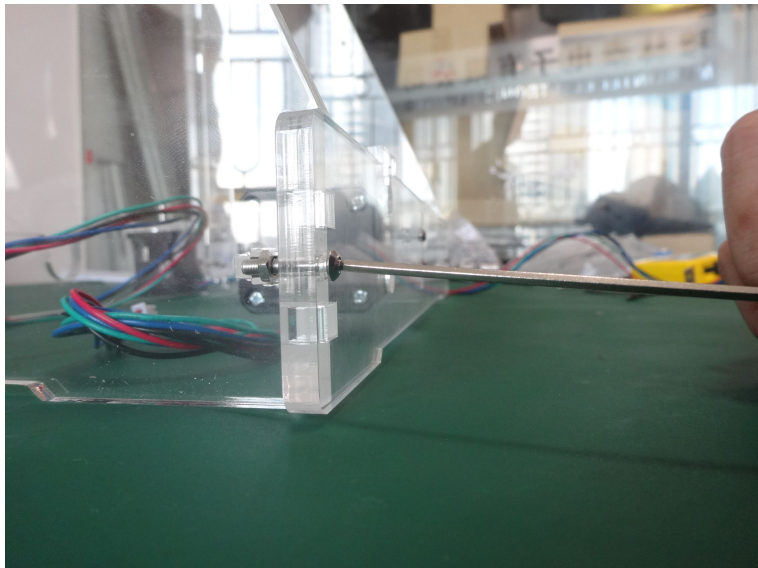
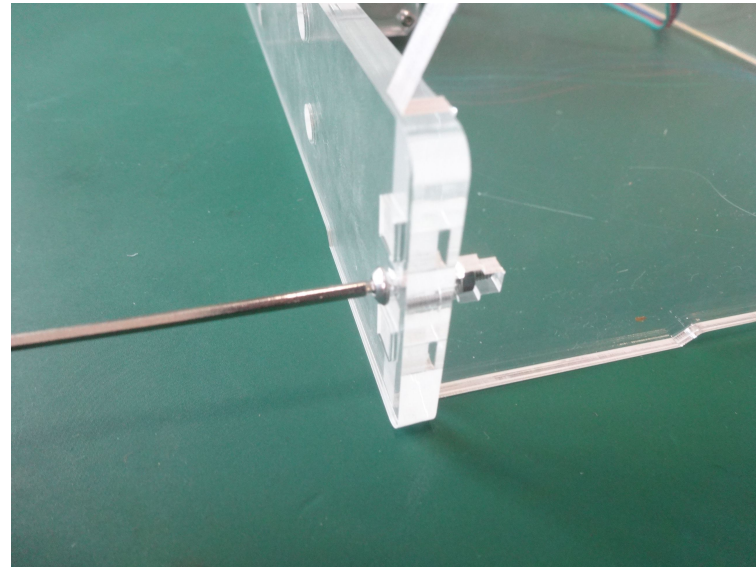
Prepare:

| | |
|-------------------------|--------|
| M3*10 SCREW | 4 PCS |
| M3*12 SCREW | 2 PCS |
| M3 NUT | 6 PCS |
| M8 LEAD SCREW (470MM) | 2PCS |
| M8 FEED ROD (470MM) | 2PCS |
| M8 NUT | 12PCS |
| M8 SHIM | 12 PCS |



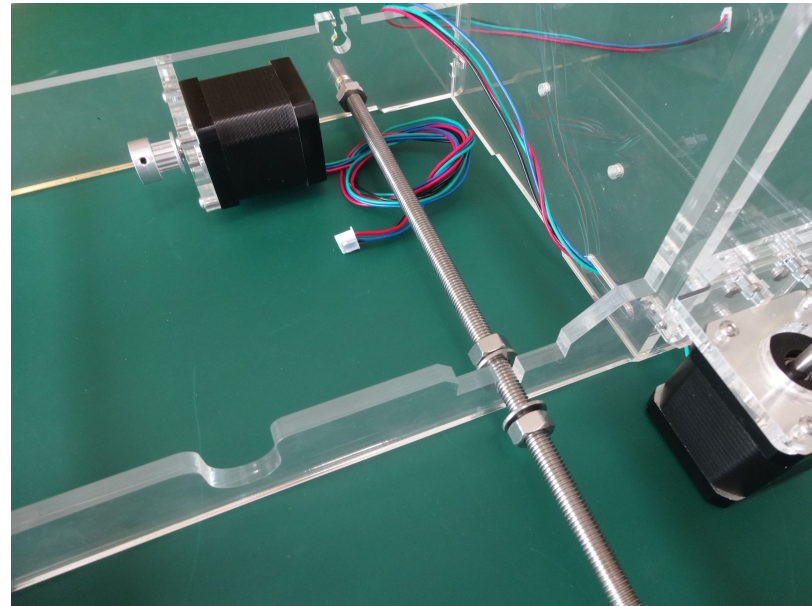
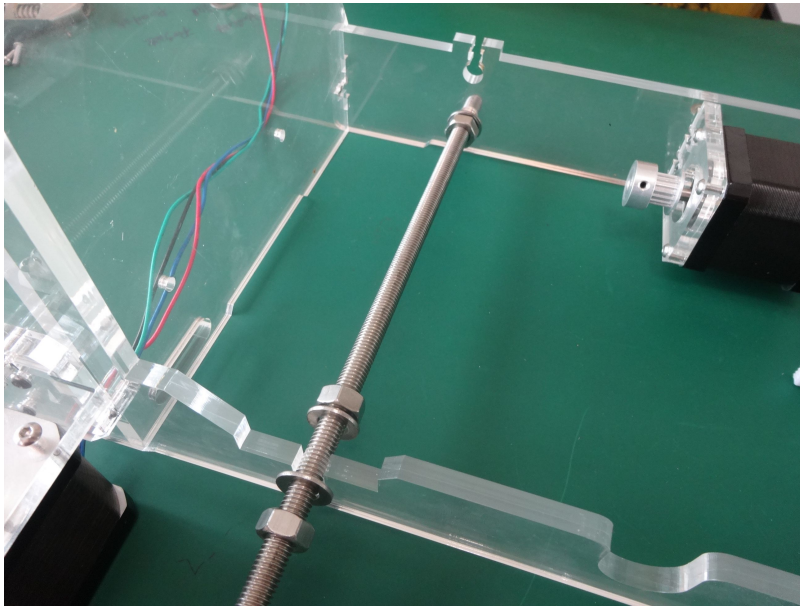
Part 9-2 installation picture

Choose M3*12 screw and M3 nut
Assemble the board with stepper
motor first.



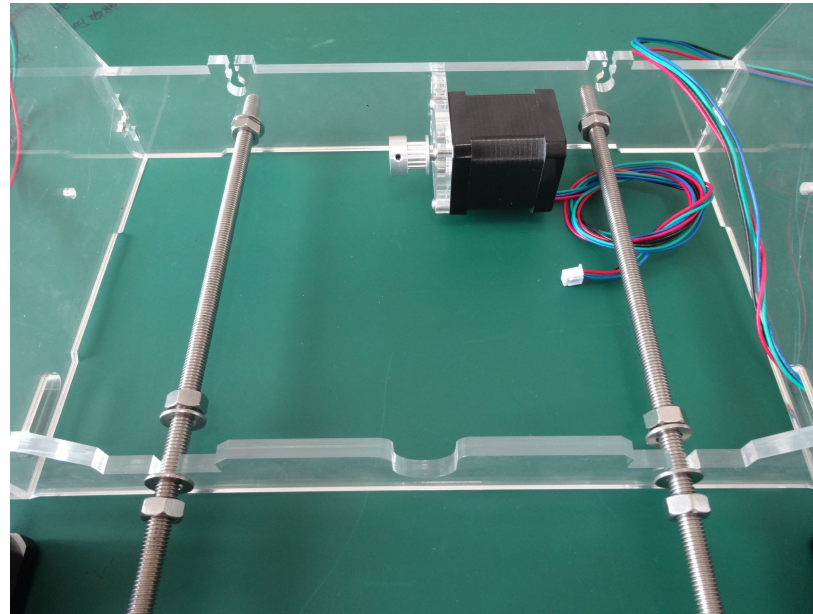
Part 9-3 installation picture

Install as shown below



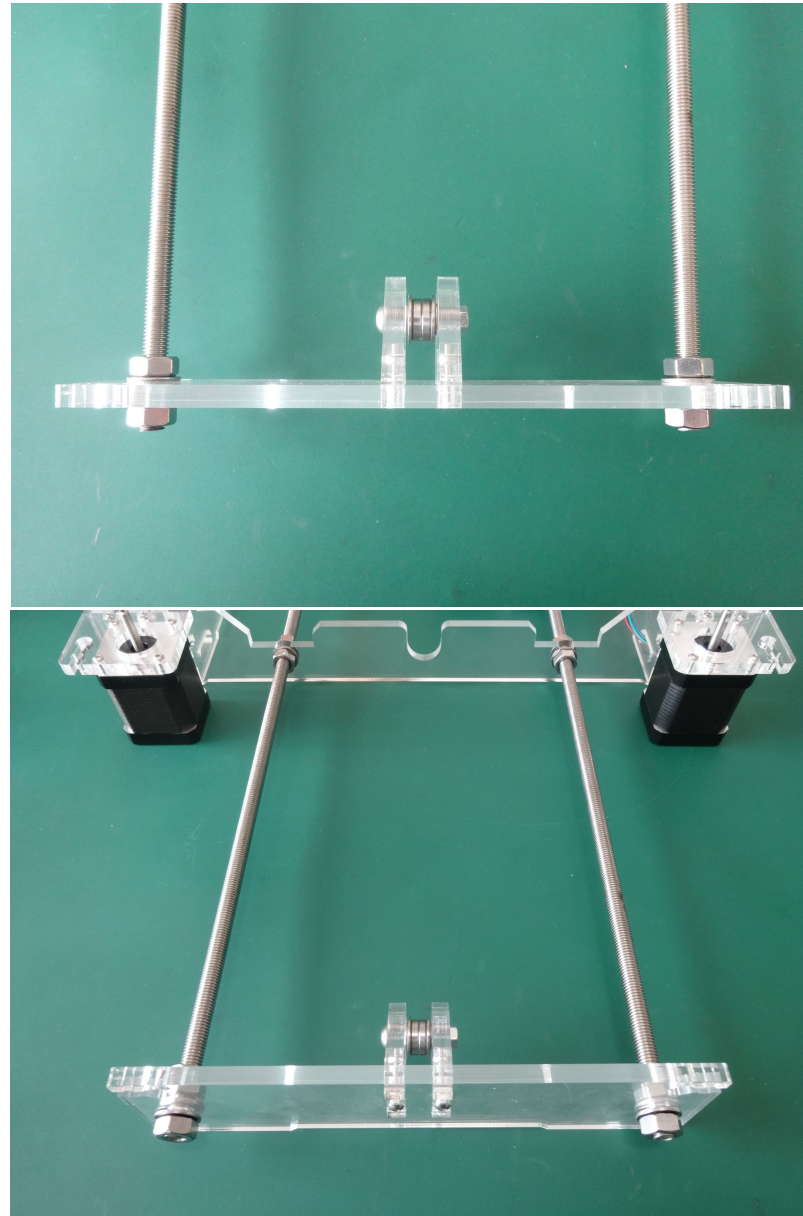
Part 9-4 installation picture

Install as shown



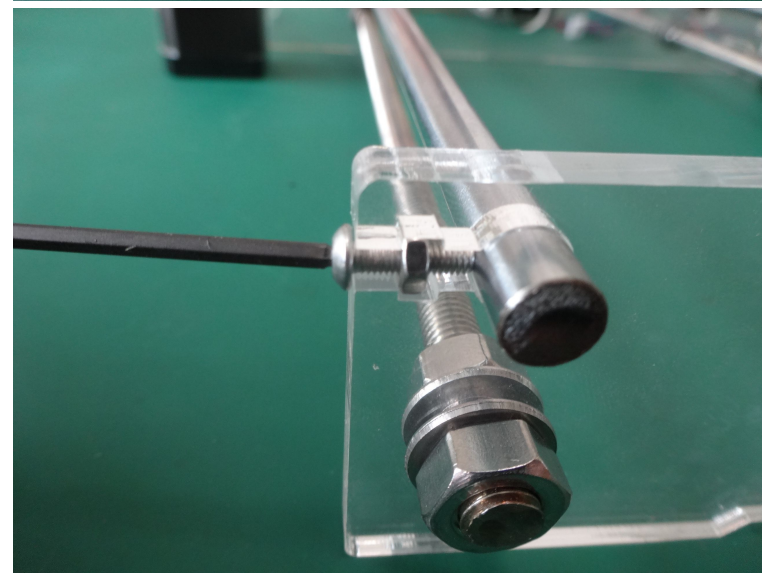
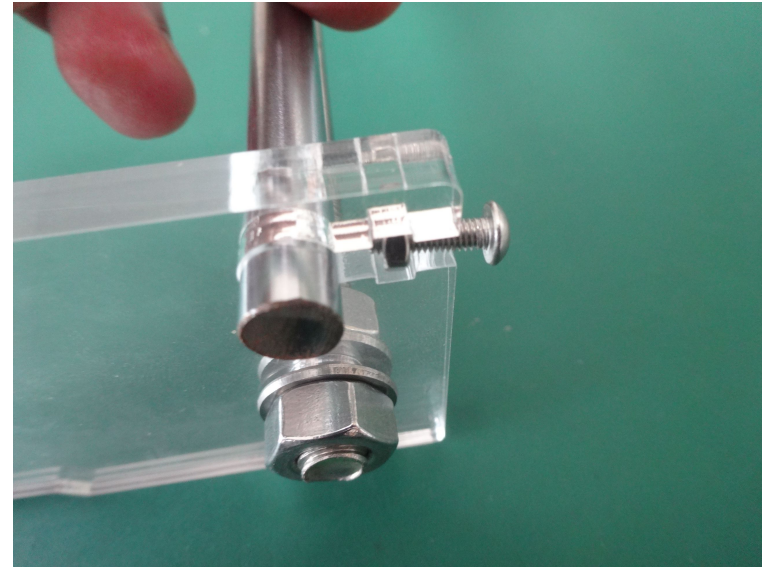
Part 9-5 installation picture

Install as shown

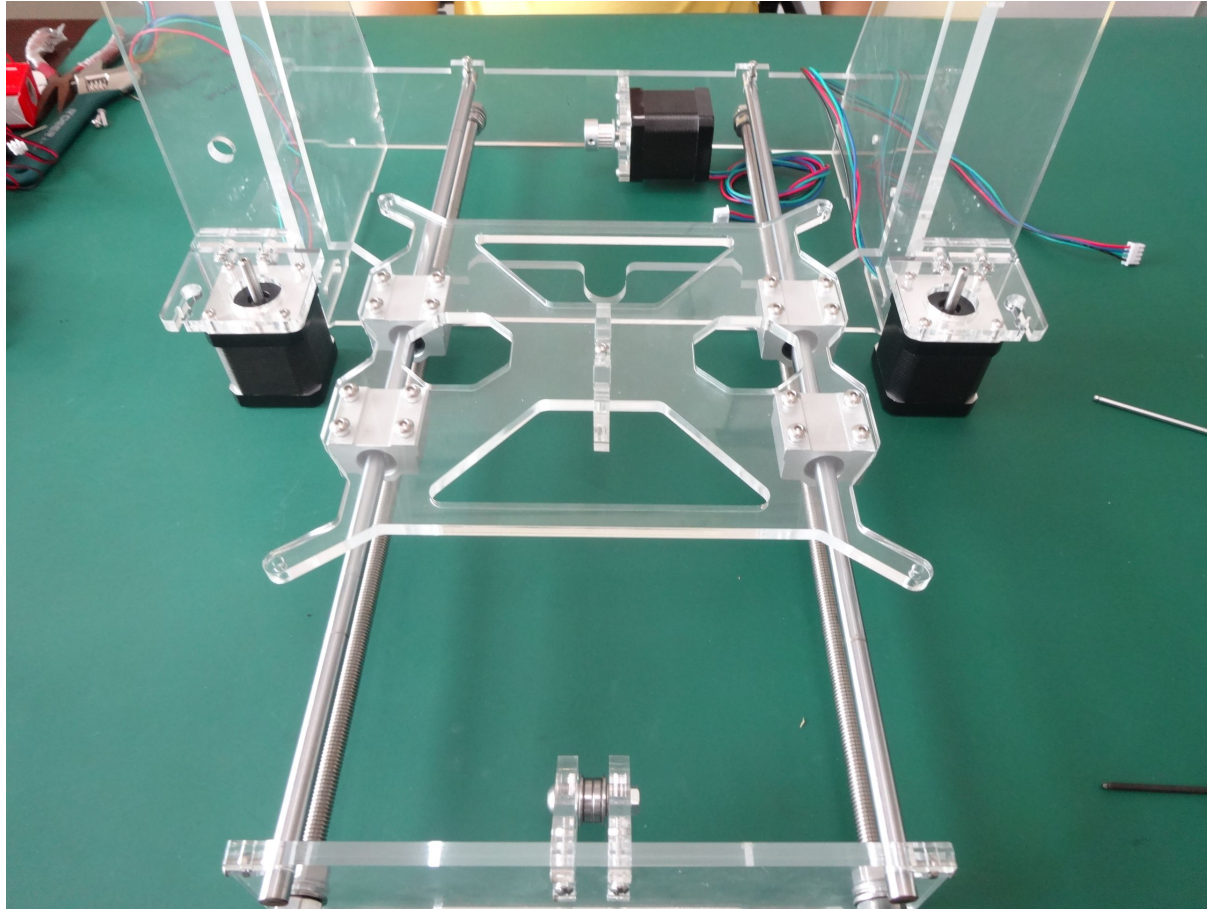


Part 9-6 installation picture

Choose:
M3*10
screw and
M3 nut



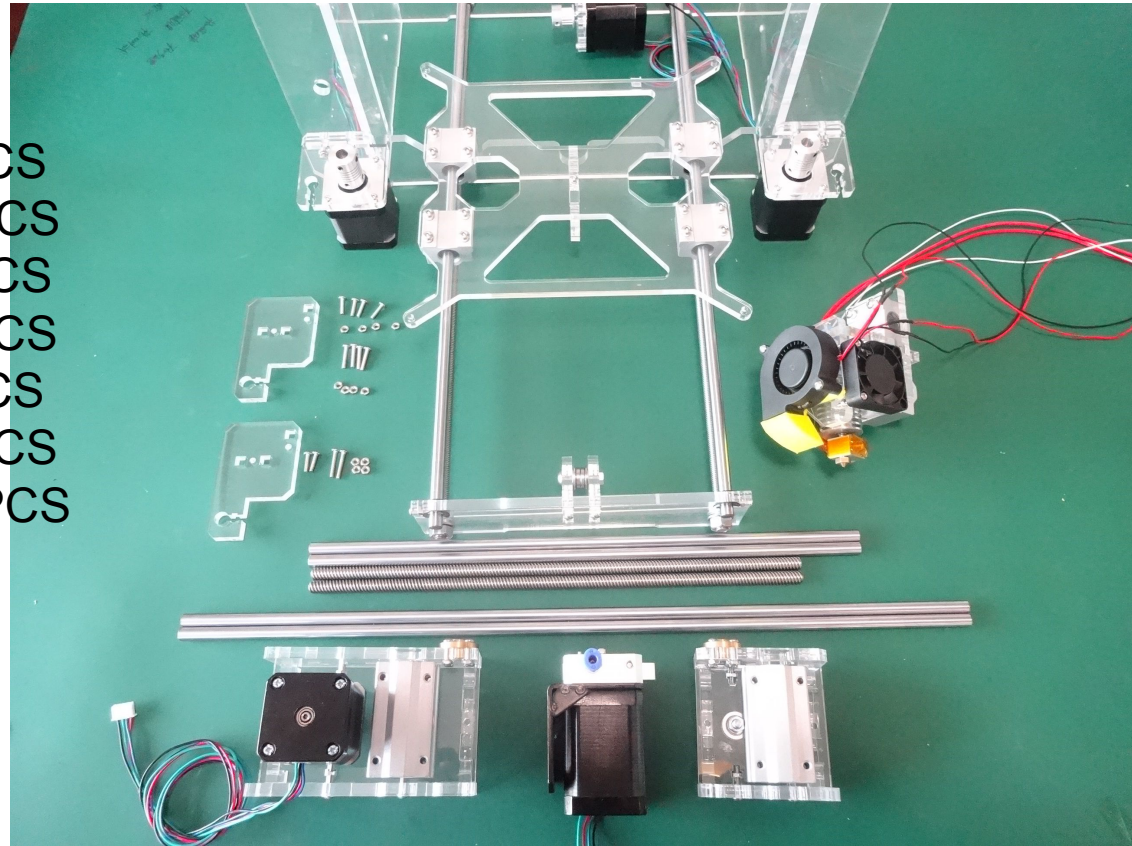
Part 9-7 installation picture



Part 10-1 installation picture

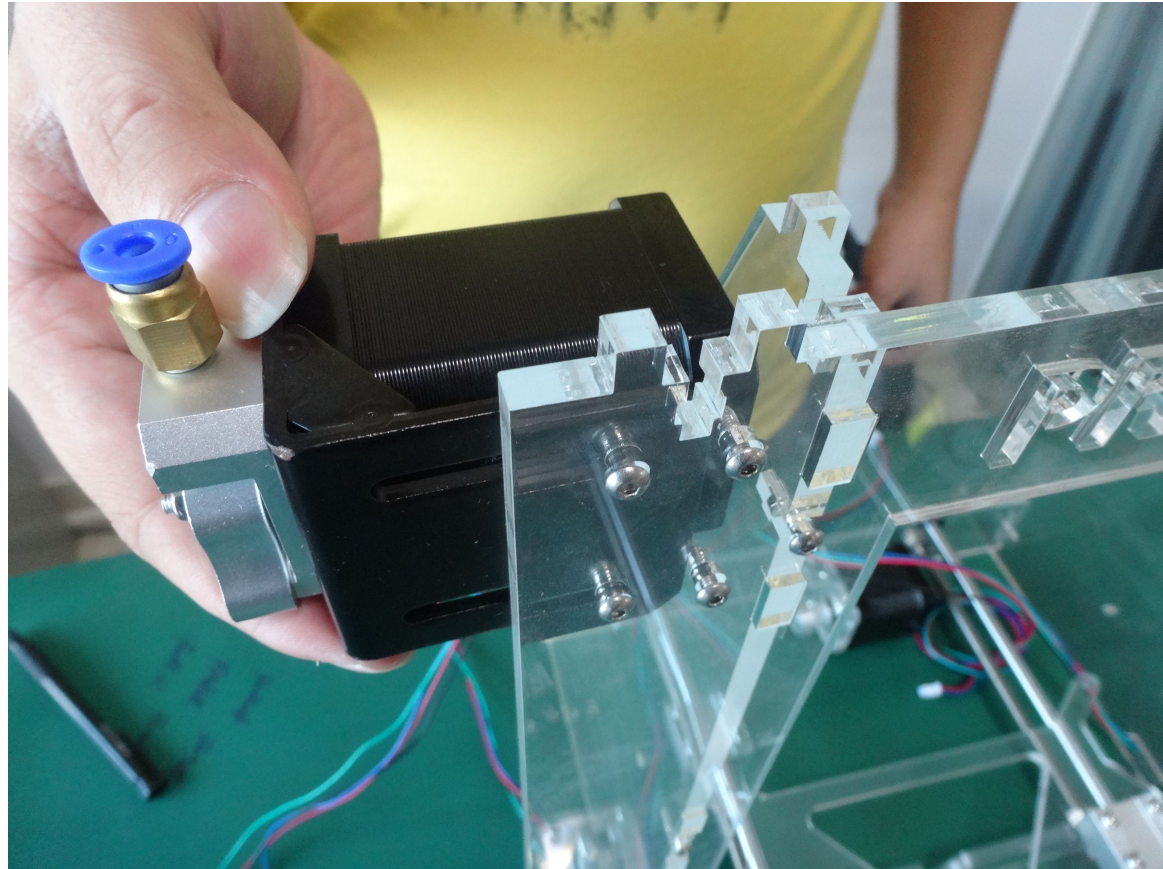
Prepare:

M8 FEED ROD (470MM) 2PCS
M8 FEED ROD (340MM) 2PCS
T8 LEAD SCREW(300MM)2PCS
M3*12 SCREW 6PCS
M3*16 SCREW 4PCS
M3*18 SCREW 2PCS
M3*12 NUT 12PCS



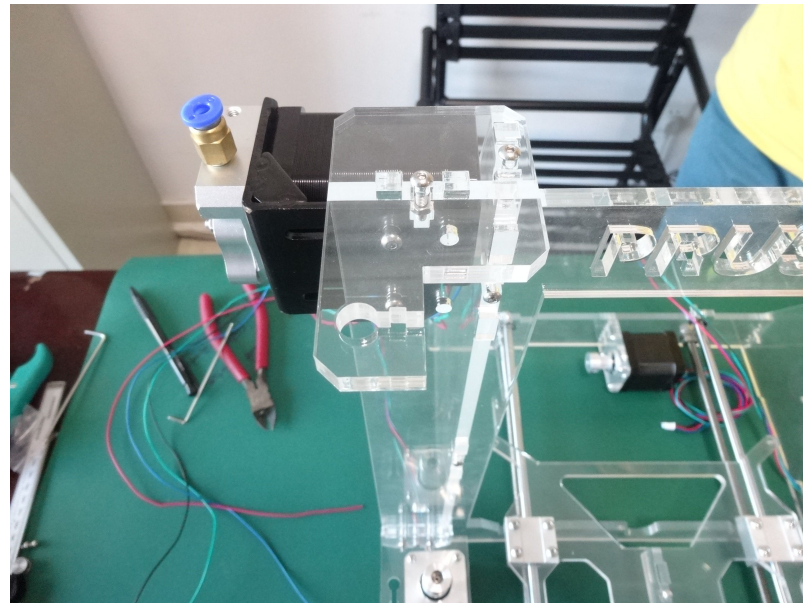
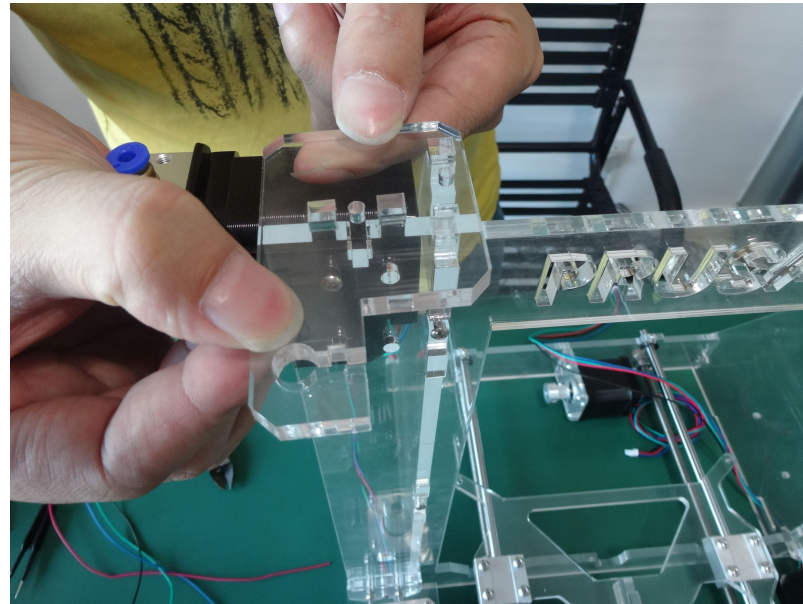
Part 10-2 installation picture

Choose:
M3* 16 SCREW 2PCS



Part 10-3 installation picture

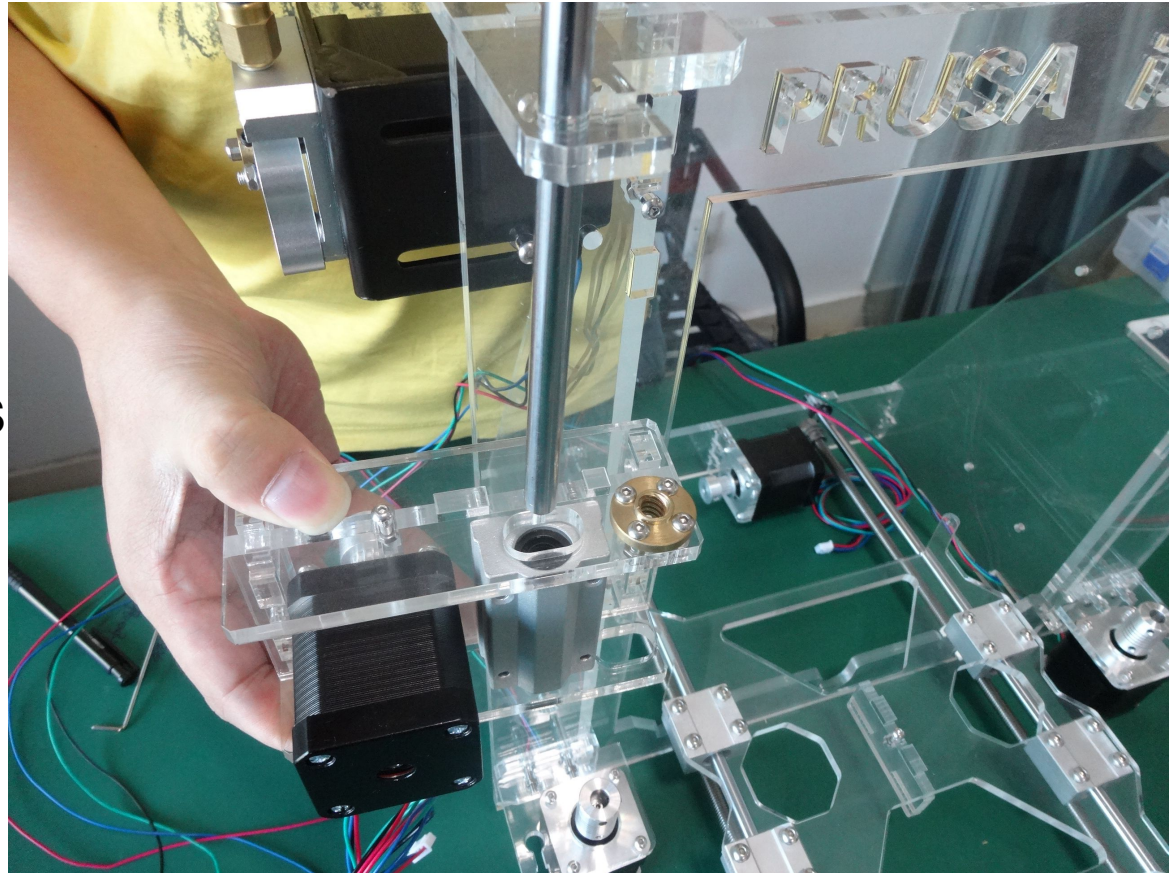
Choose:
M3* 16 SCREW 2PCS



Part 10-4 installation picture

Choose:
M3* 16 SCREW

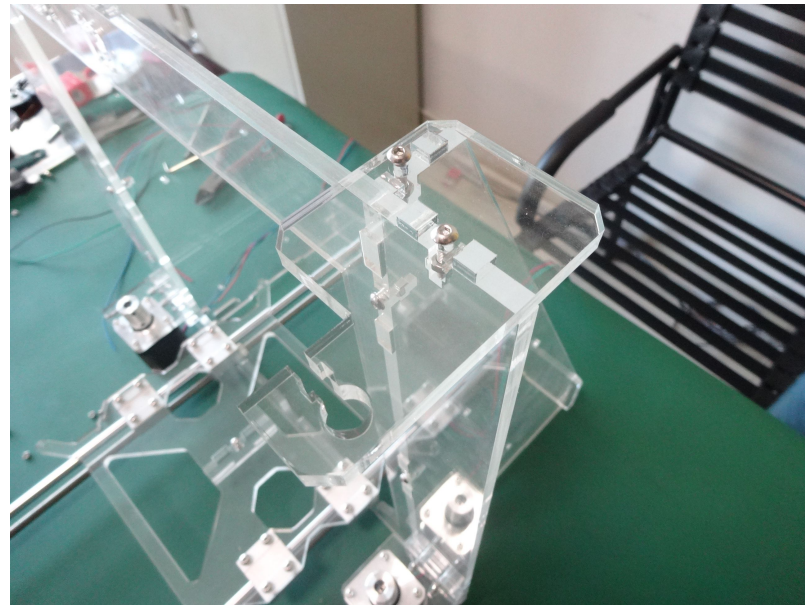
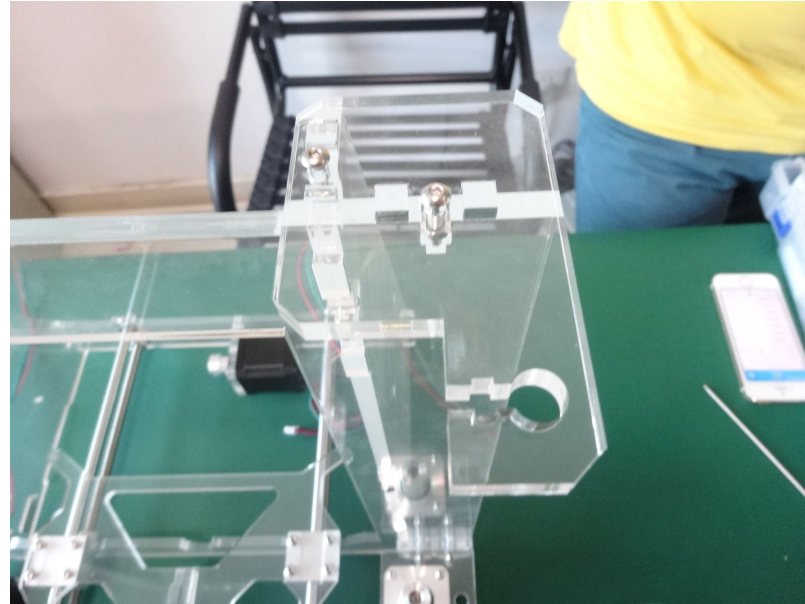
2PCS



Part 10-5 installation picture

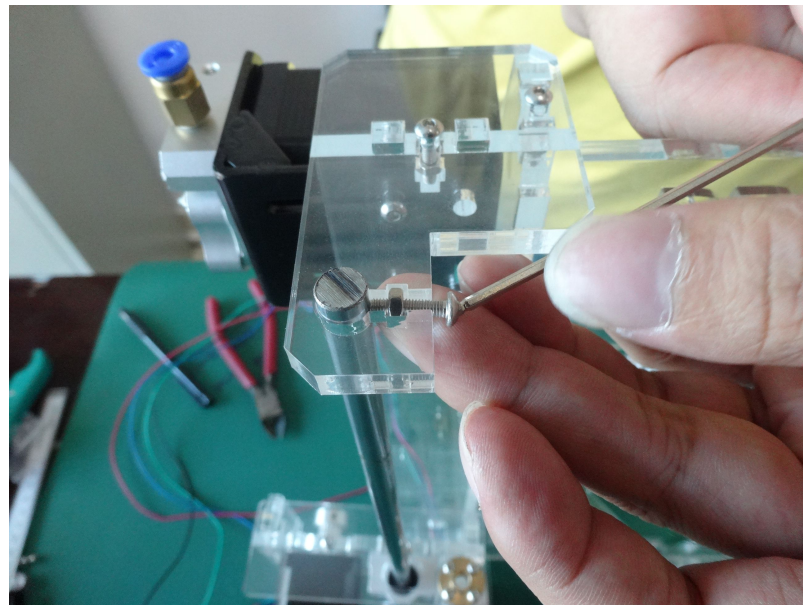
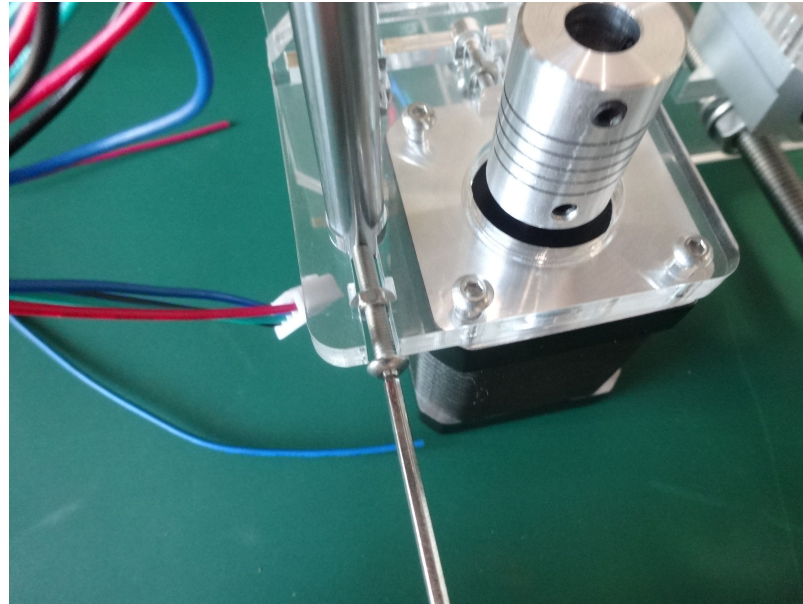
Choose:
M3* 16 SCREW

2PCS

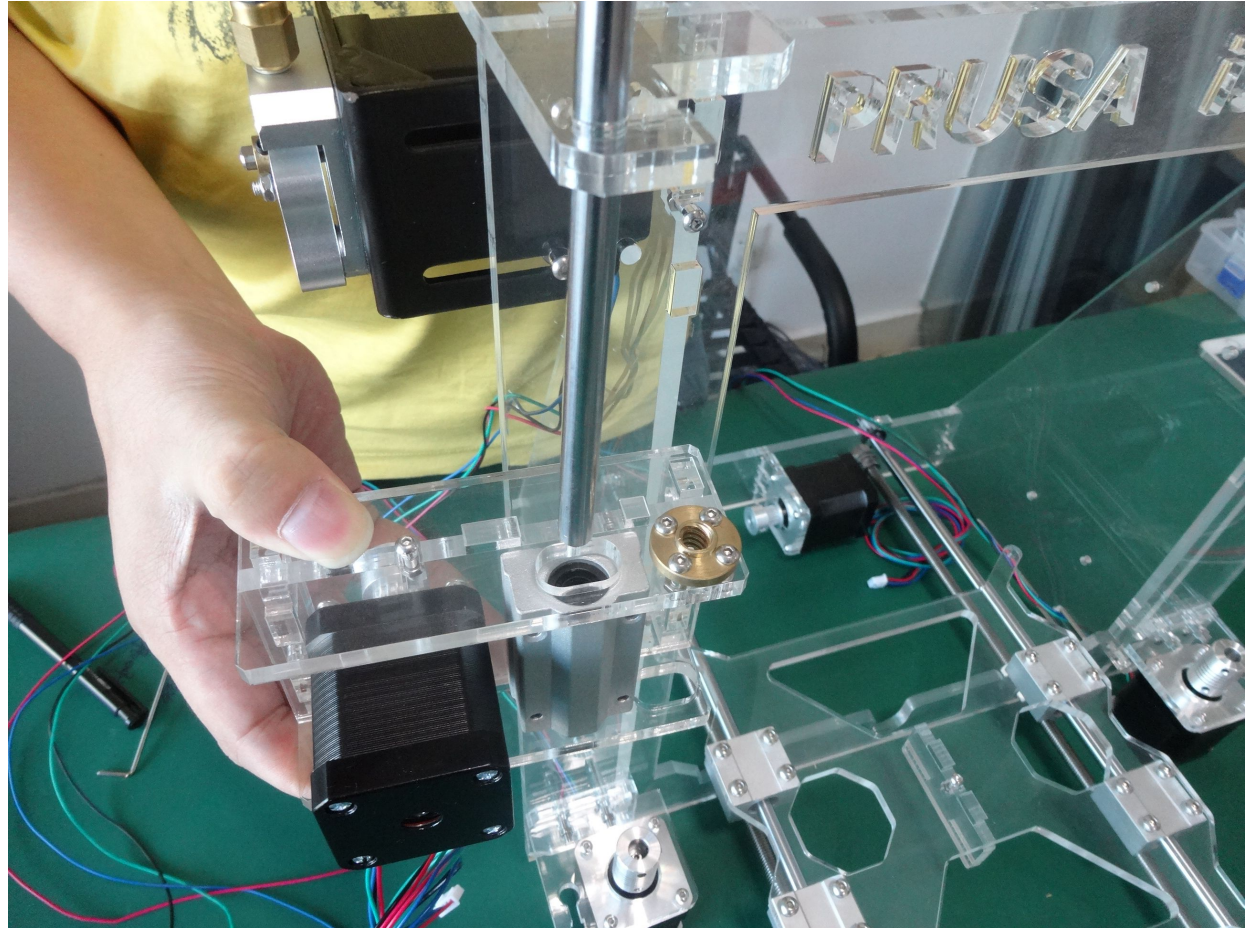


Part 10-6 installation picture

Choose:
M3* 16 SCREW 2PCS

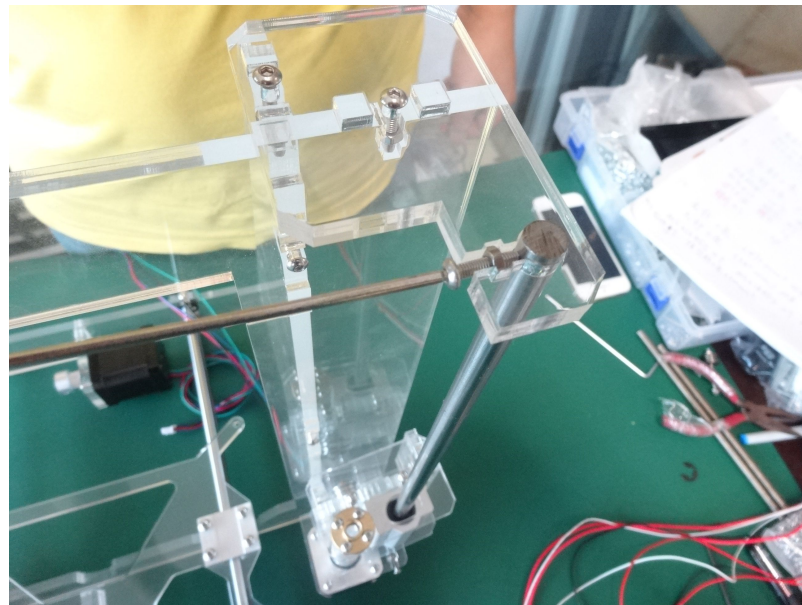
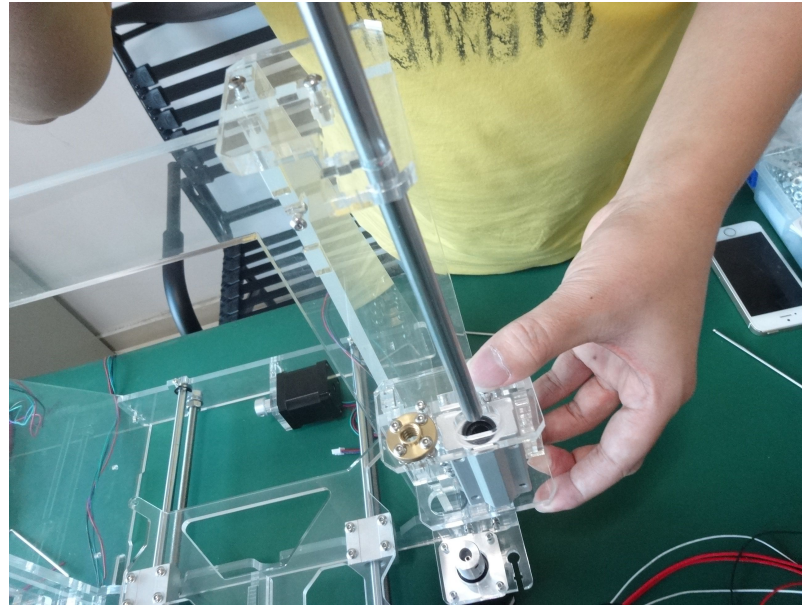


Part 10-7 installation picture

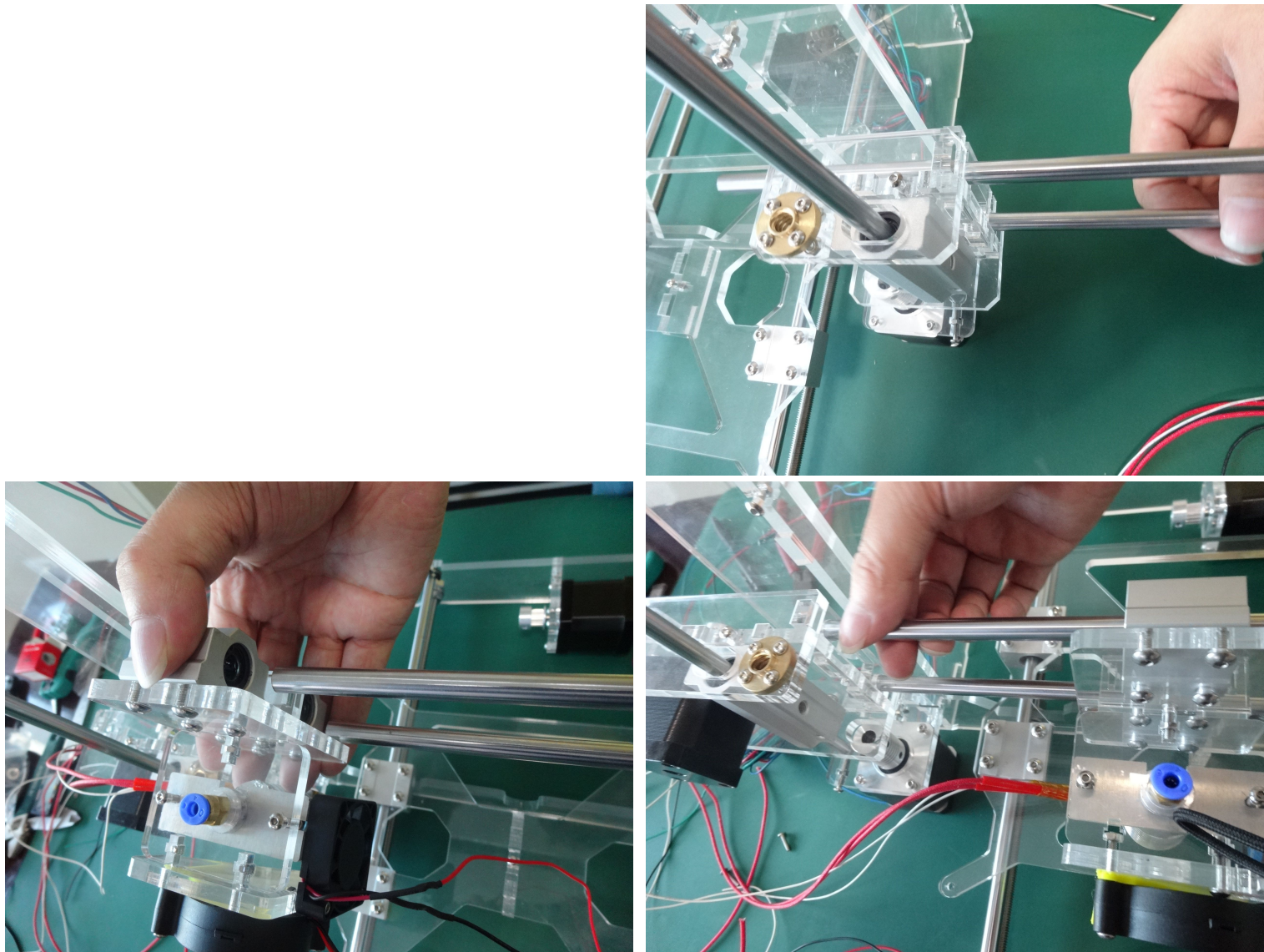


Part 10-8 installation picture

Choose:
M3* 16 SCREW 2PCS

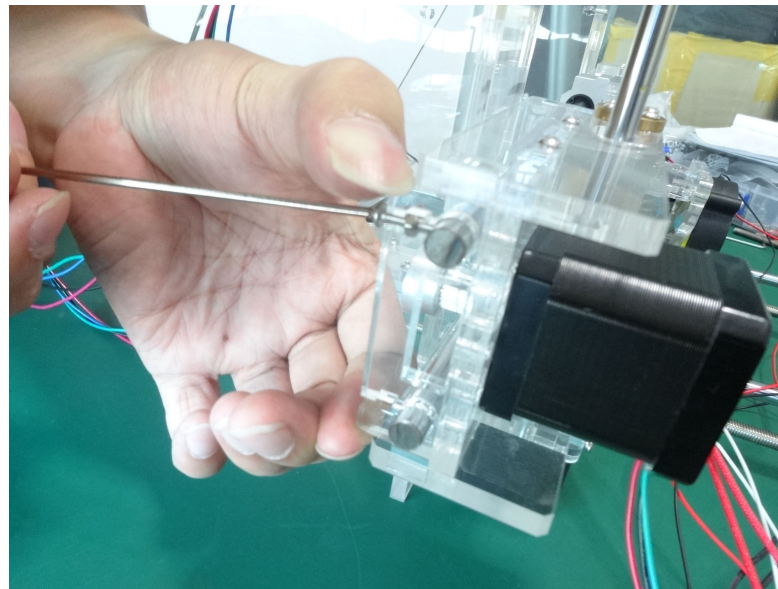
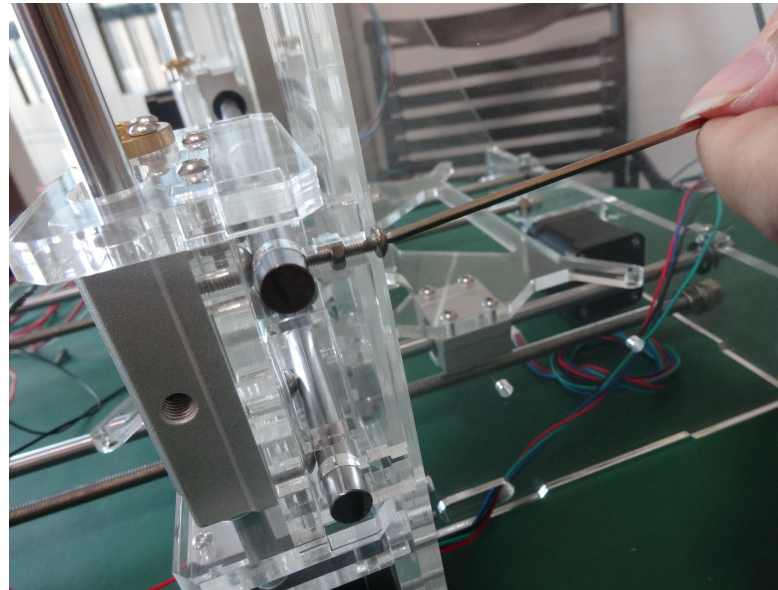


Part 10-9 installation picture



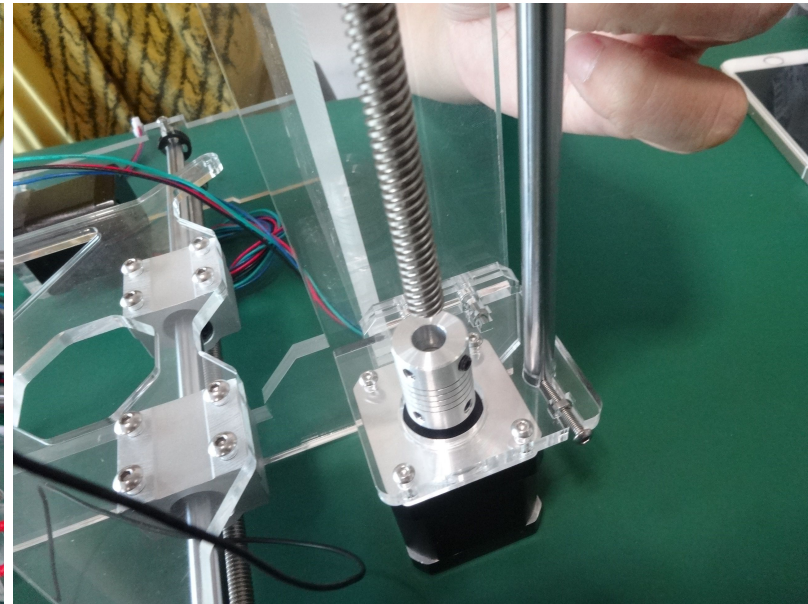
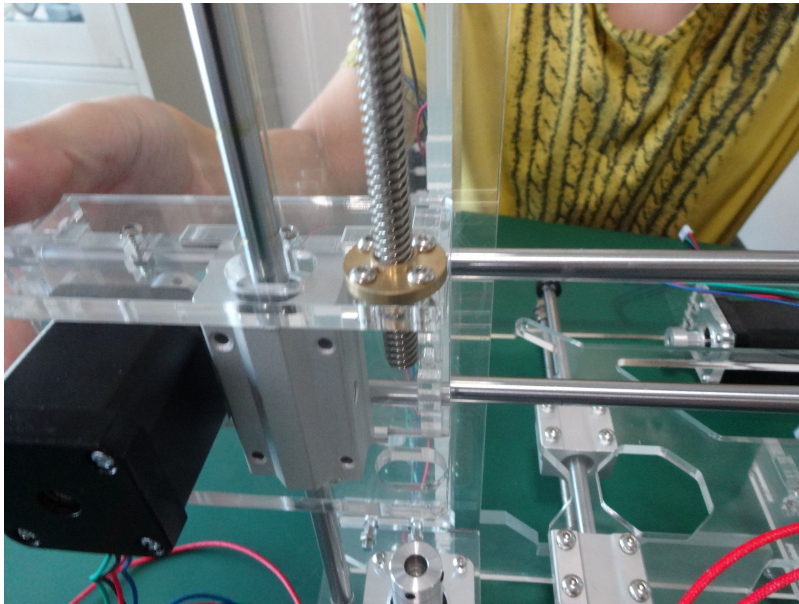
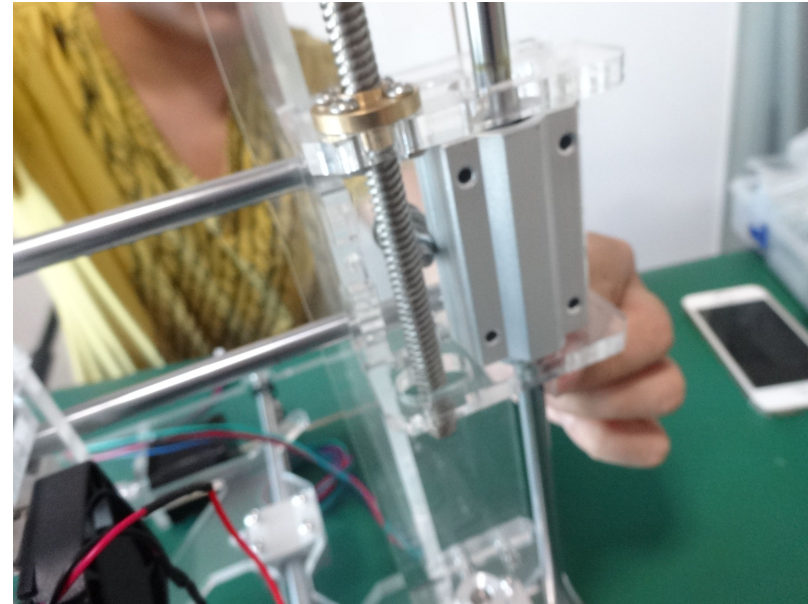
Part 10-10 installation picture

Choose:
M3* 16 SCREW 2PCS



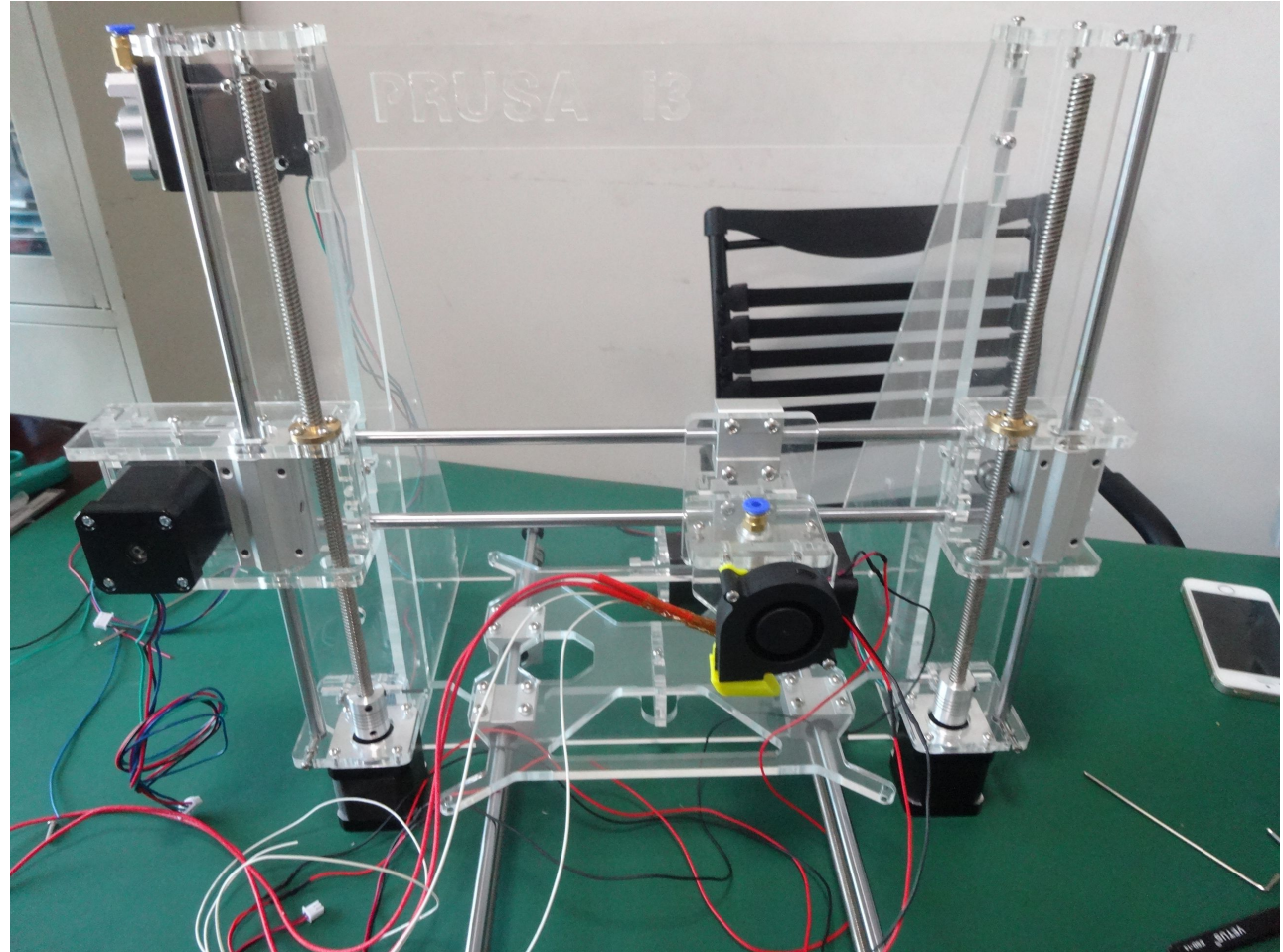
Part 10-11 installation picture

SPIN THE LEAD ROD
DOWN INTO THE T8 NUT



Part 10-12 installation picture

Finished



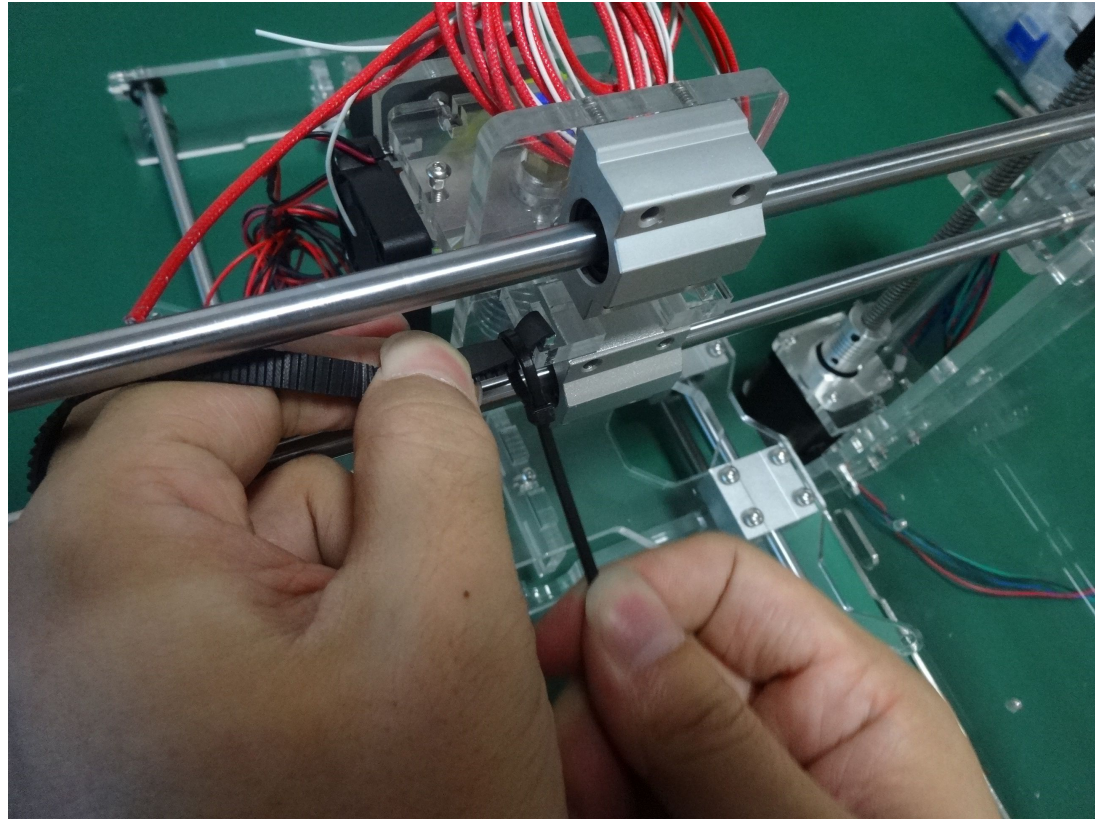
Part 11-1 installation picture

Prepare:
belt



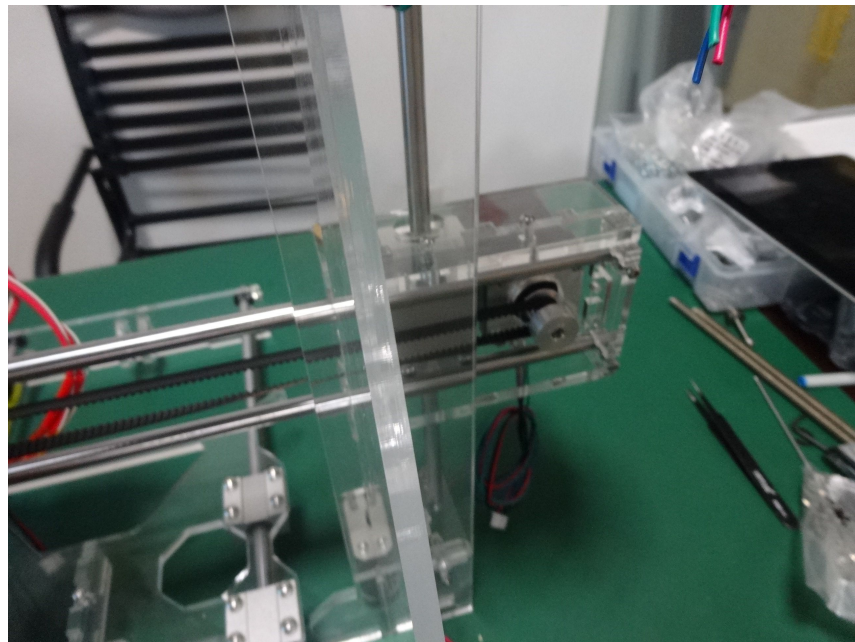
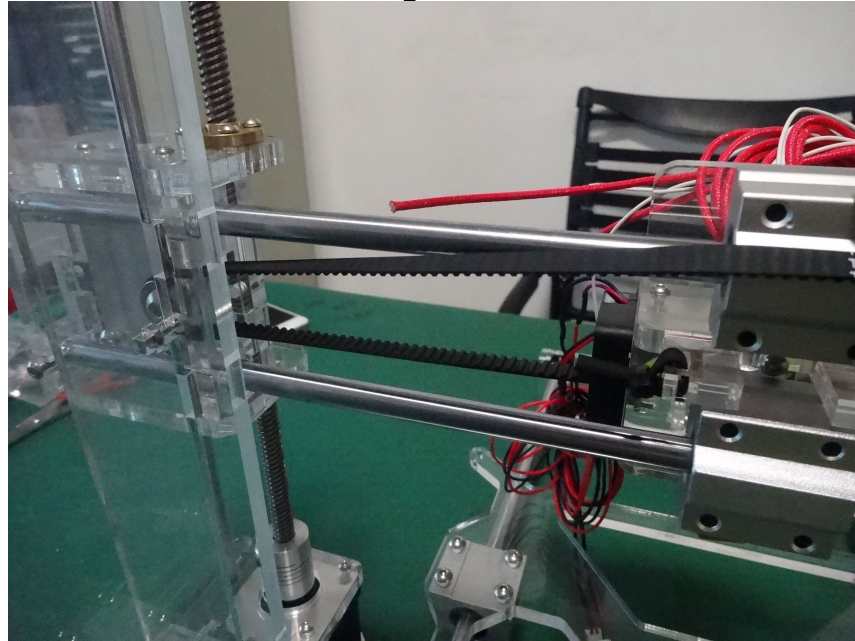
Part 11-2 installation picture

Install as shown



Part 11-3 installation picture

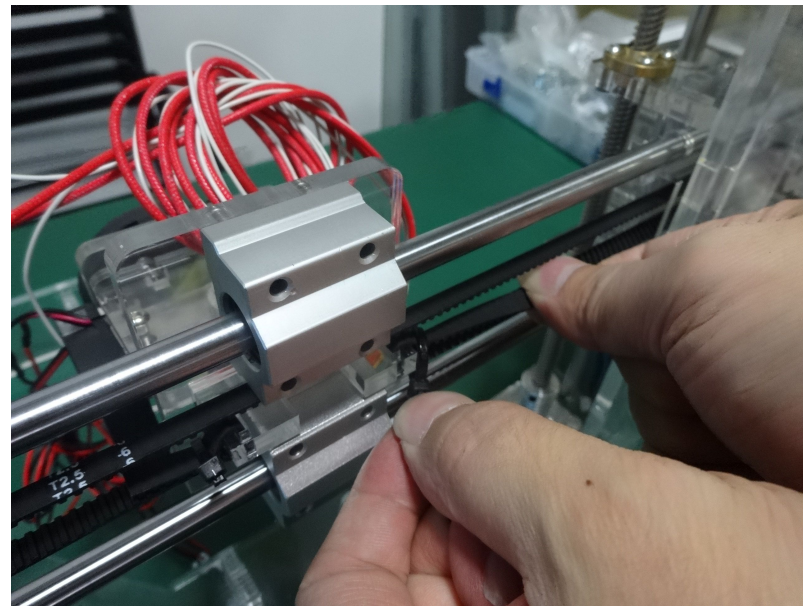
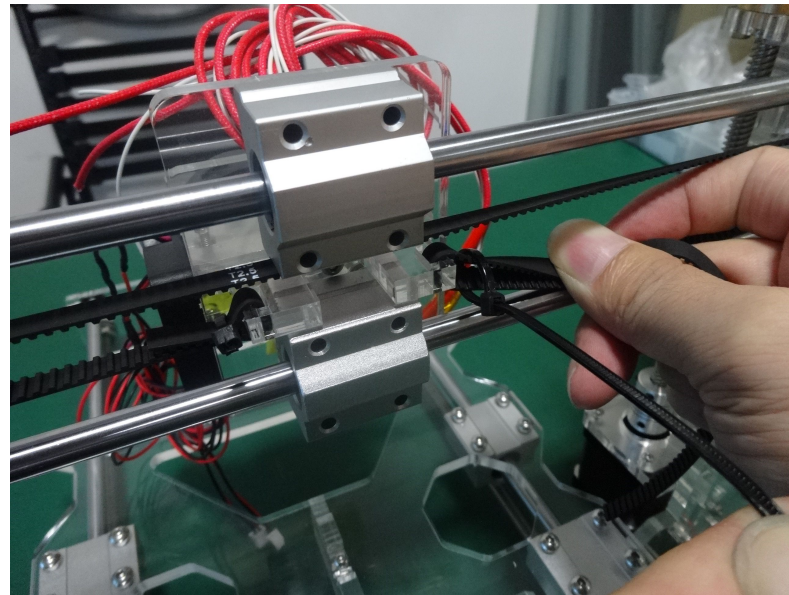
Choose:
M3* 16 SCREW 2PCS



Part 11-4 installation picture

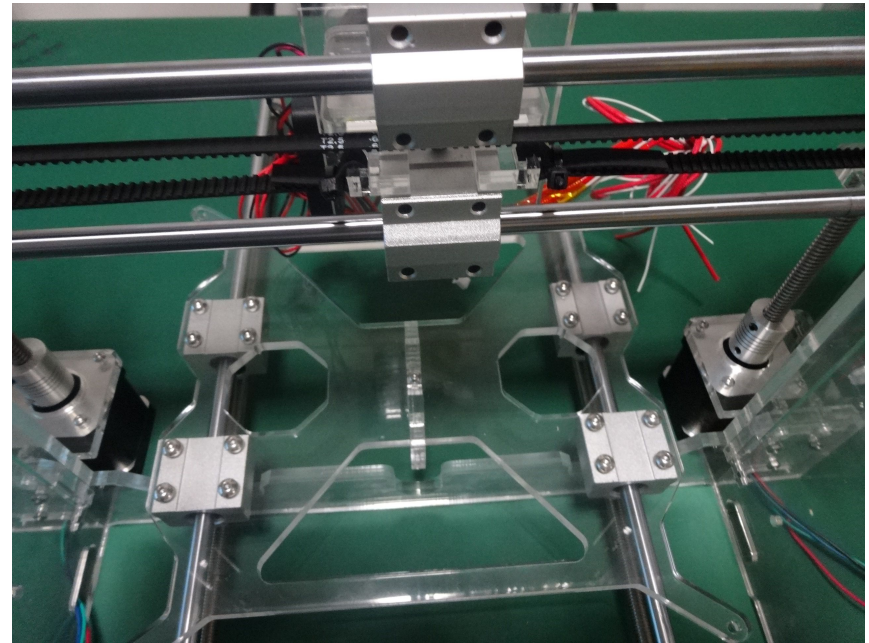
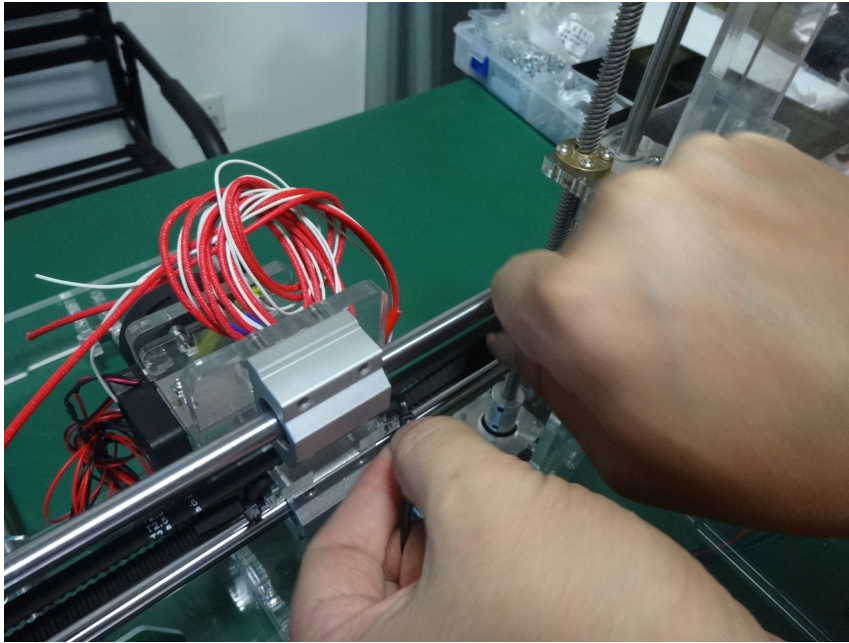
Install as shown

Choose:
M3* 16 SCREW 2PCS



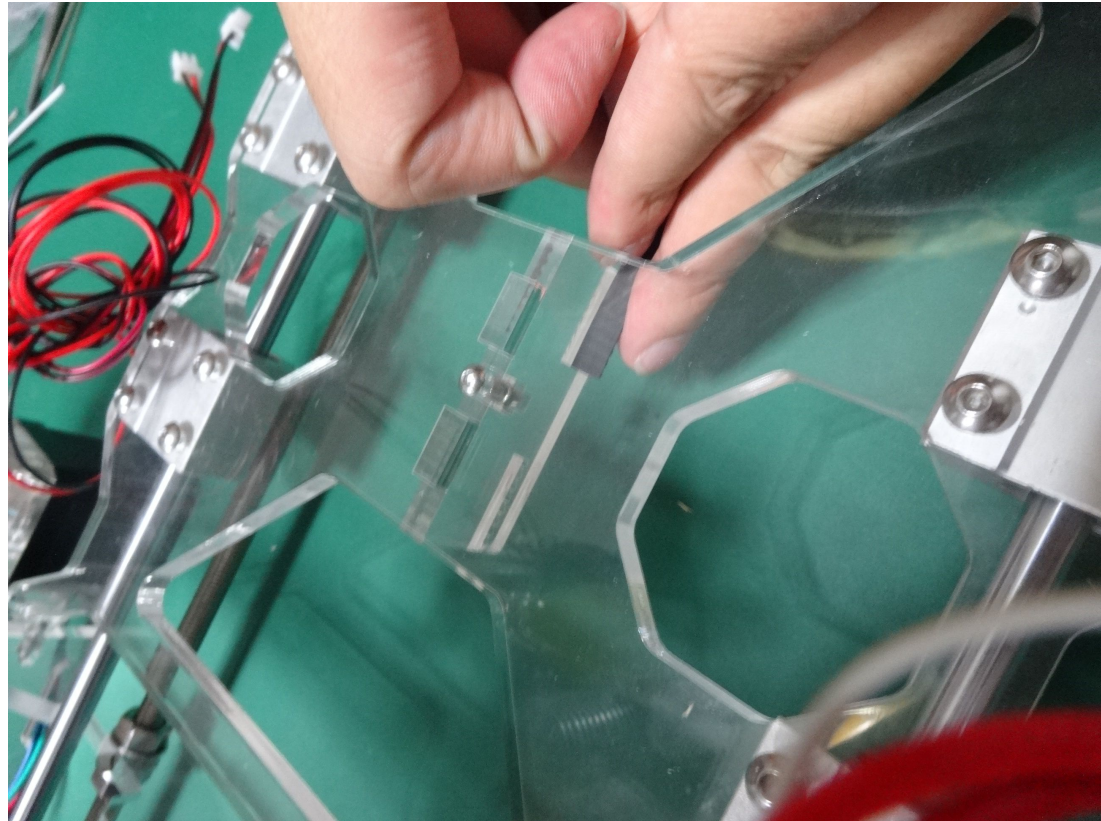
Part 11-5 installation picture

Install as shown



Part 12-1 installation picture

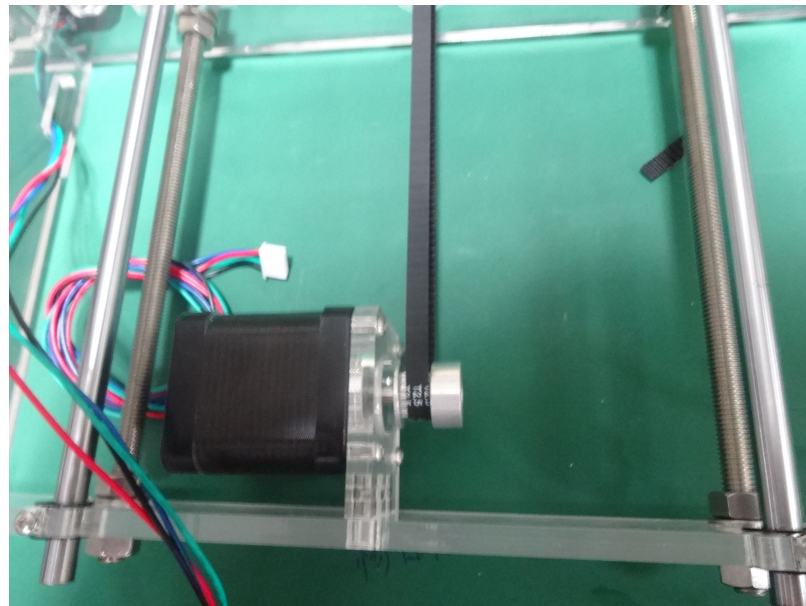
Install as shown



Part 12-2 installation picture

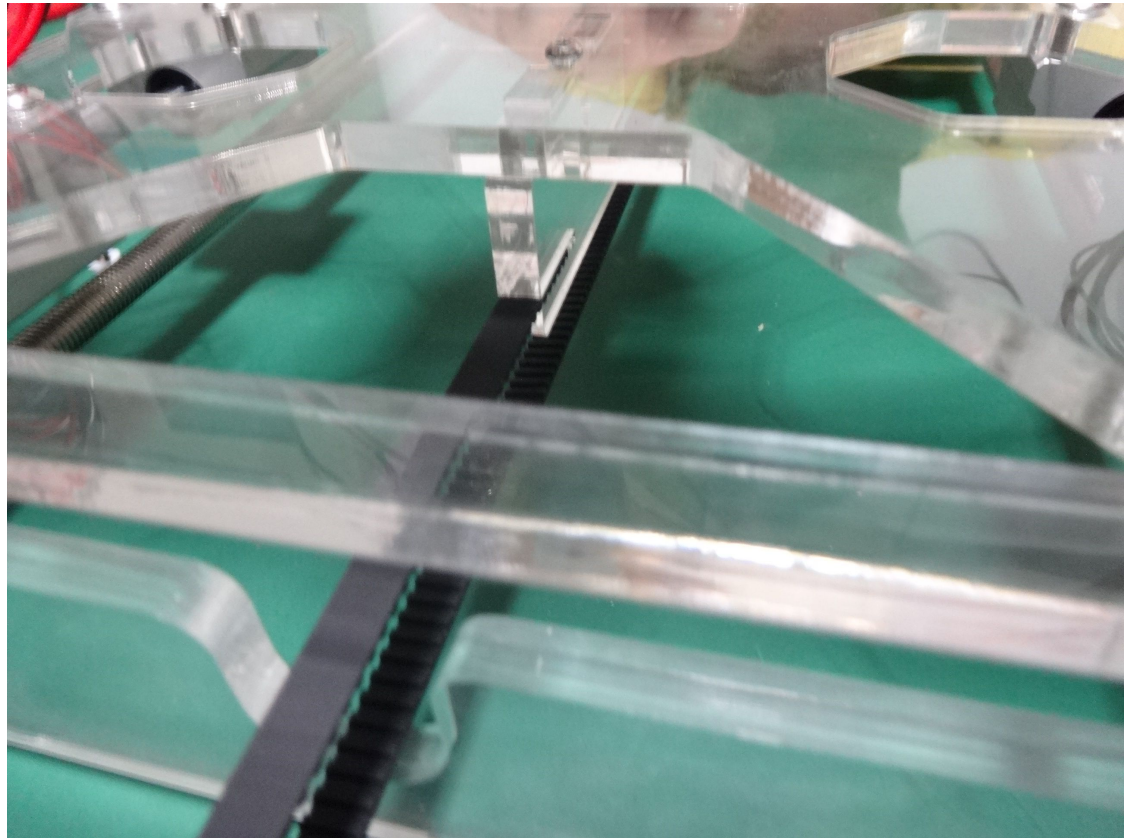


Install as shown



Part 12-3 installation picture

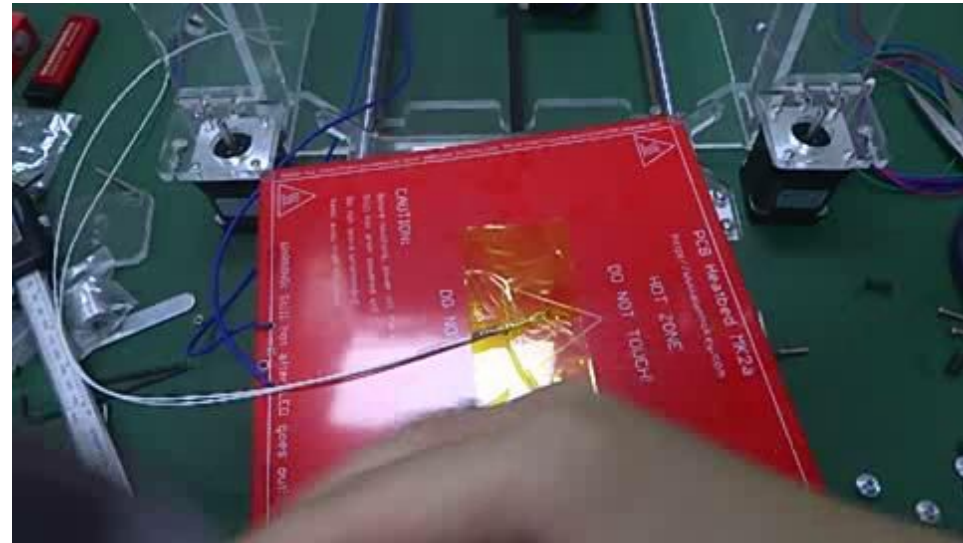
After assembling



Part 13-1 installation picture

Prepare:

| | |
|----------------------------------|-------|
| Heated bed: | 1 pec |
| M3 * 25 SCREW | 4PCS |
| Heated bed NUT | 4PCS |
| THERMAL RESISTOR (WITH CABLE) | 1PEC |
| SPRING | 4 PCS |
| TAPE | 15CM |



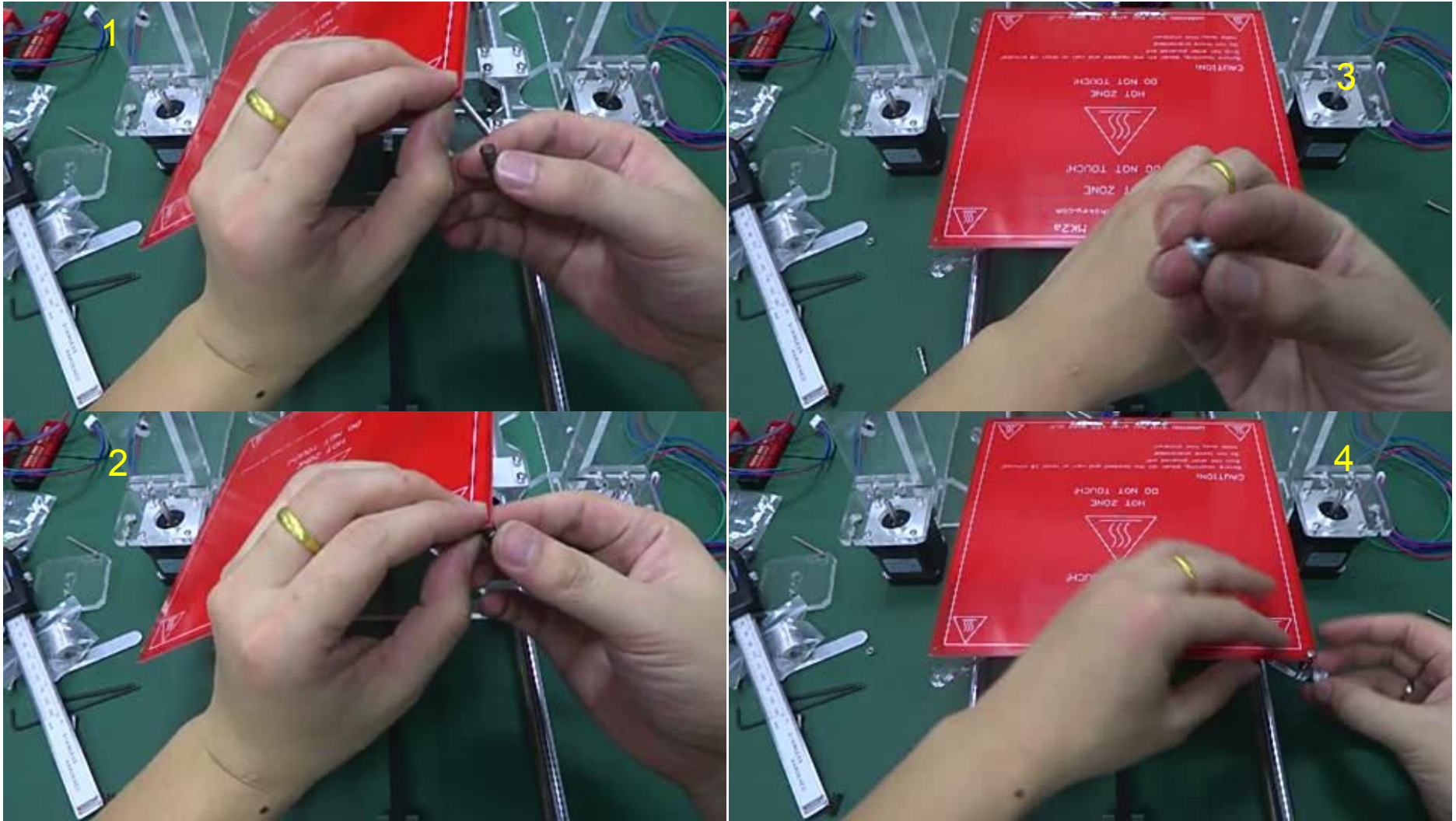
**Attached the thermal resistor
onto the **back side** of the heated bed**

Part 13-2 installation picture

Turn the thermal resistor and the blue wire downside. and put the heated bed on the printer platform

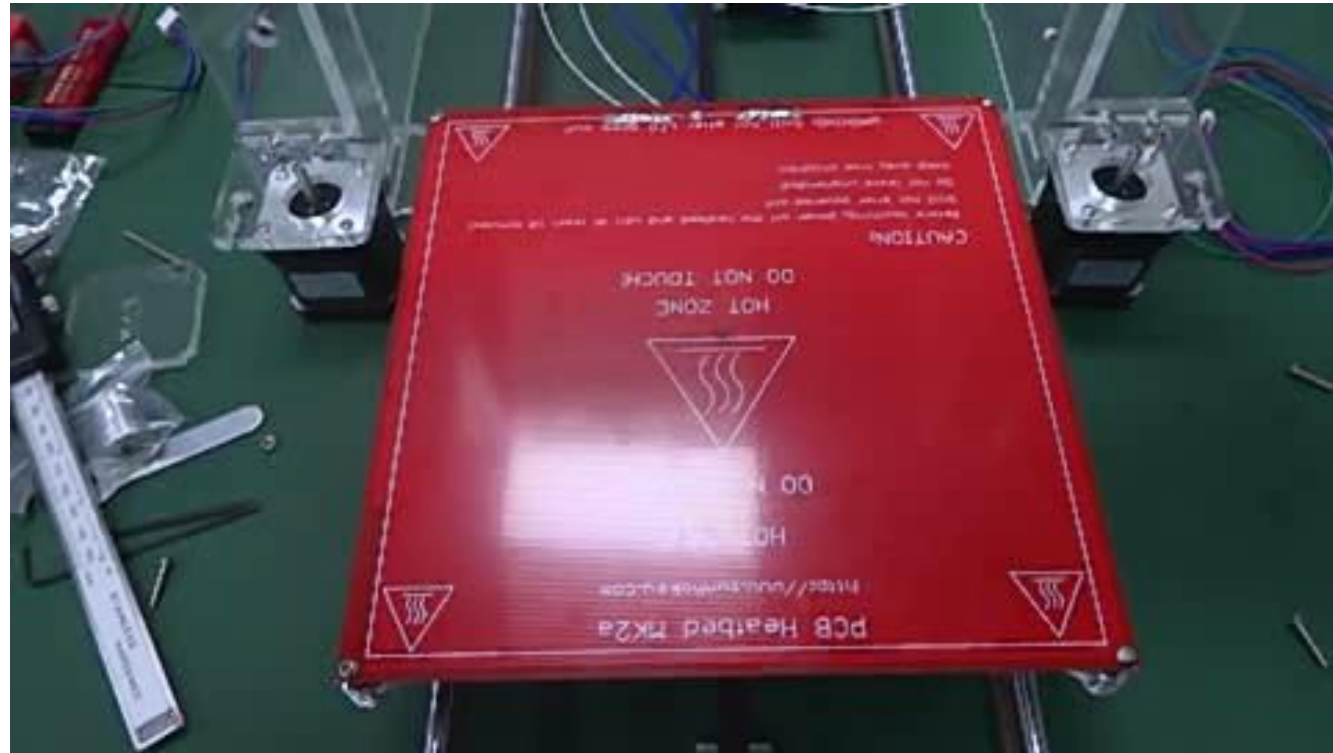


Part 13-3 installation picture



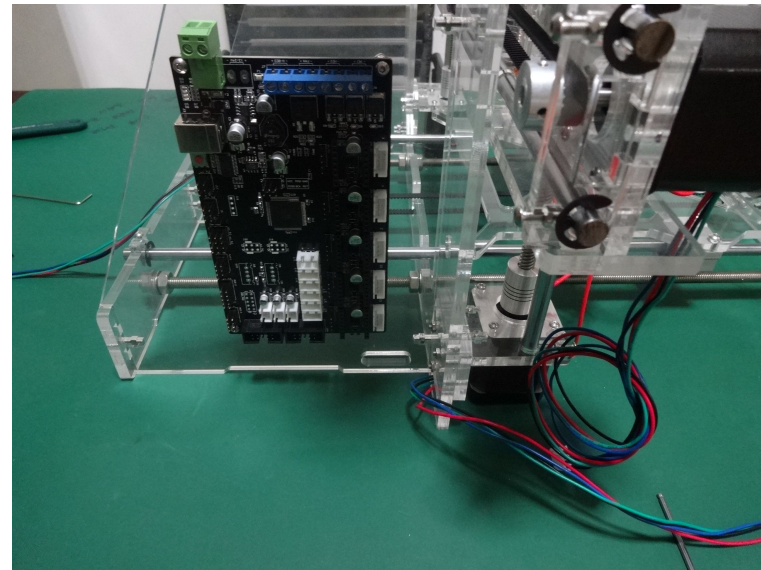
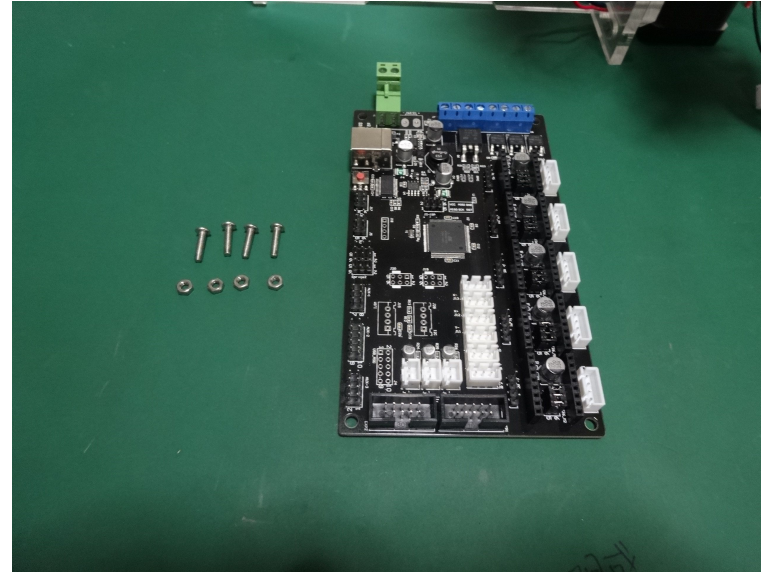
Part 13-4 installation picture

Finished



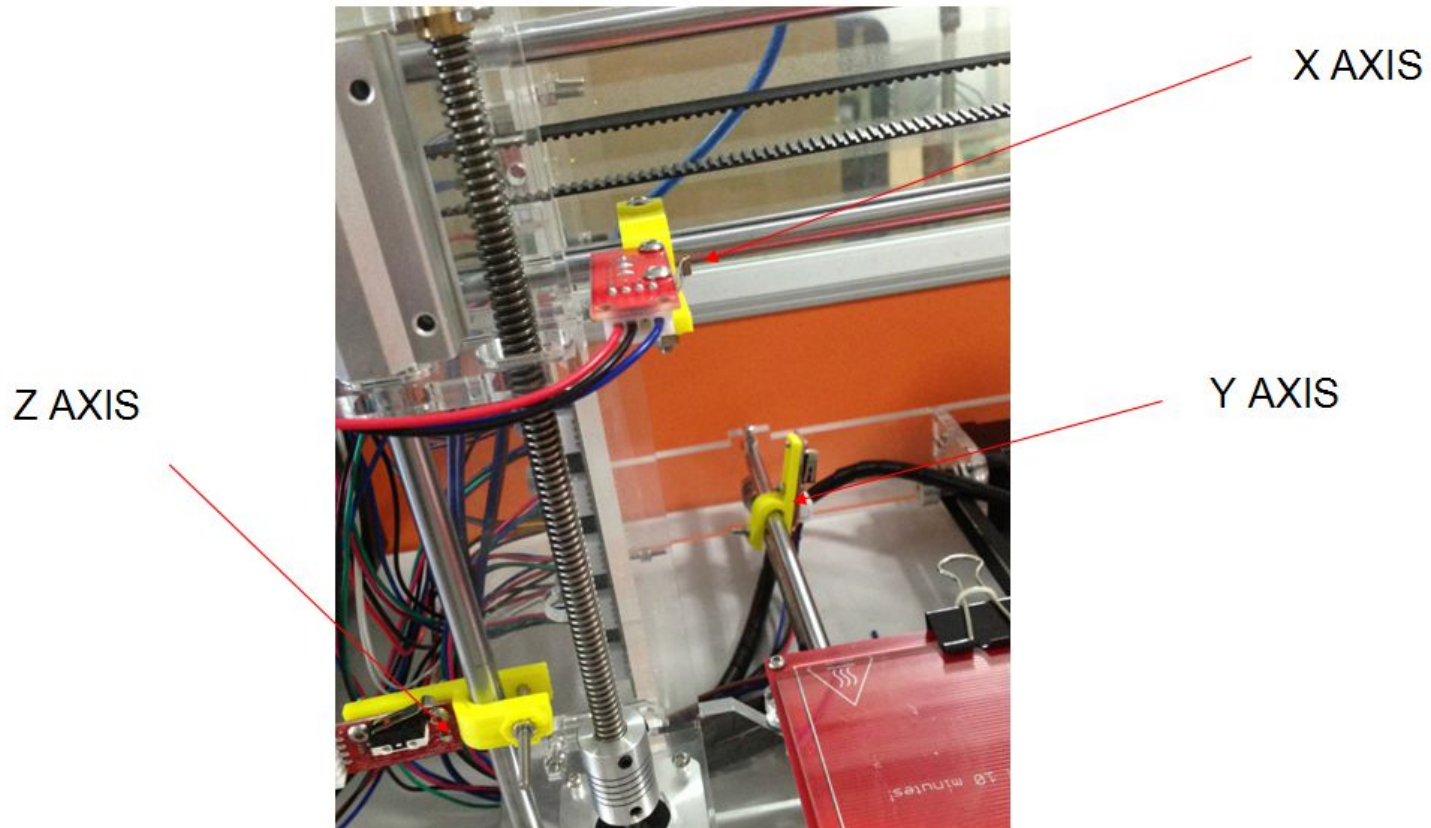
Part 14 installation picture

Prepare:
M3 * 12 SCREW 4PCS
M3 NUT 4PCS
Main board 1PEC



Part 15-6 installation picture

安装限制开关



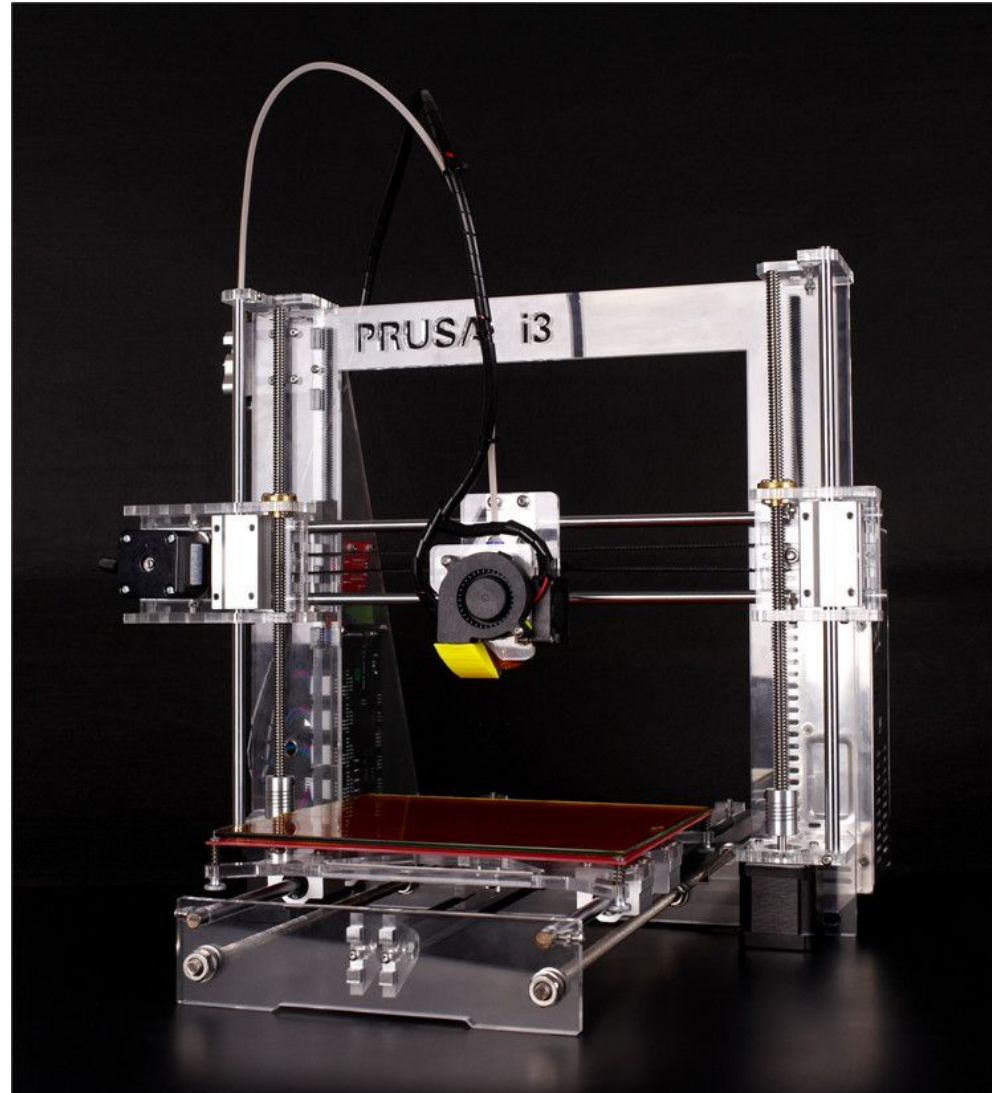
Part 15-8 installation picture

The switch of the power supply should be adjusted according to each country's service voltage.

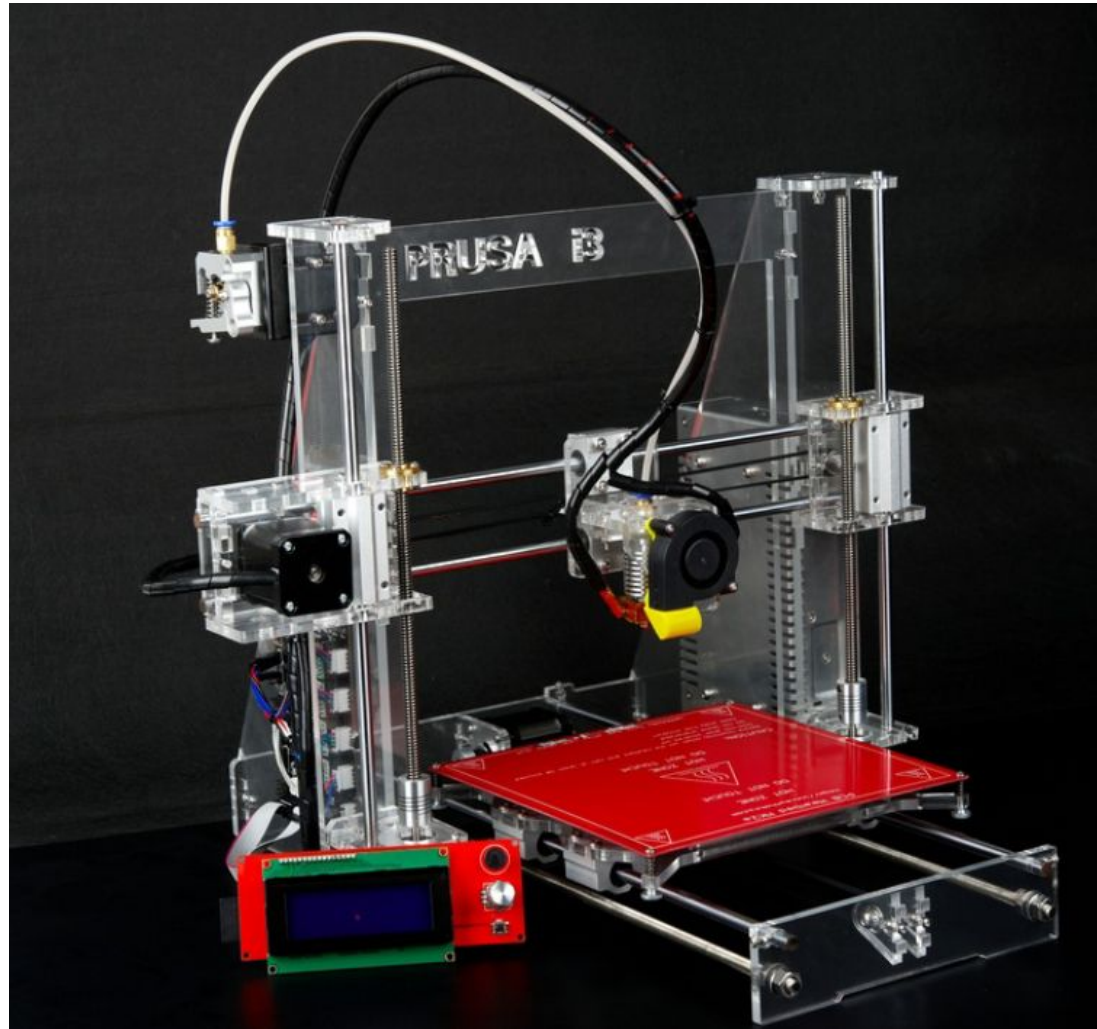
(on the side of power supply)



Post-installation picture 1



Post-installation picture 2



- **Installation complete**
- **All comments are welcome**
- **Thank you!**
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