

## INSTRUKCJA UŻYTKOWNIKA – DRUKARKA 3D





























Niniejsza instrukcja użytkowania dotyczy modelu drukarki 3D: A6

## **WSTĘP**

1. Proszę się upewnić, że paczka nie jest uszkodzona.
2. Proszę sprawdzić, czy w paczce znajdują się wszystkie elementy.
3. W razie pytań proszę się kontaktować się z dostawcą.




## LISTA ELEMENTÓW

Item	Material number	Picture	Name	QTY	Item	Material number	Picture	Name	QTY
1-1	1300100050		Main support plate	1	2-1	1700200016		Mainboard	1
1-2	1300100064		Side support plate	2	2-2	1700200017		12864 LCD Screen	1
1-3	1300100045		Back plate	1	2-3	1700100001		Hot bed fixed aluminum plate	1
1-4	1300100049		Front plate	1	2-4	1700200001		220mm*220mm*3mm Hot bed	1
1-5	1300100046		Filament support plate	2	2-5	1101900001		Plastic nippers	1
1-6	1300100047		Filament support plate connecting plate	1	2-6	1101900008		5mm*160mm Screwdriver	1

Item	Material number	Picture	Name	QTY	Item	Material number	Picture	Name	QTY
1-7	1300100057		Mainboard baffle	1	2-7	1700200020		Three parts below in this bag	1
2-23	1700100017		Guide rod 422mm 2pcs Guide rod 380mm 2pcs Guide rod 340mm 2pcs	6	2-7-1	1202100006		Wire 65CM	1
2-24	1700100018		T type lead screw M8*318mm 2pcs Threaded rod M8*400mm 2pcs Threaded rod M8*150mm 1pcs	5	2-7-2	1700200013 1700200014 1700200019		Z axis Limit switch A 20CM Y axis Limit switch B 50CM X axis Limit switch C 90CM	3
2-25	1700100019		Screw bag include below screws		2-7-3	1300400003 1300400004		Pillar washer M3*7 4pcs Pillar washer M3*15 4pcs	8
2-25-1	1700100020		M3*18 Spacer 42pcs		2-8	1700100013		Three parts below in this bag	1
2-25-2	1700100021		M3 Nut 52pcs	1	2-8-1	1101900010		3mm*130mm Screwdriver	1
2-25-3	1700100022		M8 Nut 14pcs M8 Spacer 12pcs	1	2-8-2	1101900004 1101900006 1101900005 1101900007		Hex wrench M1.5 Hex wrench M2 Hex wrench M2.5 Hex wrench M3	4

Item	Material number	Picture	Name	QTY	Item	Material number	Picture	Name	QTY
2-25-4	1700100023		M4*8 screw 16pcs M4*14 screw 4pcs	1	2-8-3	1101900002		Open spanner	1
2-25-5	1700100024		M3*30 screw 12pcs	1	2-9	1700200005		5015 Air blower	1
2-25-6	1700100025		M3*12 screw 19pcs	1	2-10	1700200027		Power line of hot bed	1
2-25-7	1700100026		M2*12 screw 6pcs M3wing nut 4pcs Spring 4pcs	1	2-11	1700300009		Five parts below in this bag	1
2-25-8	1700100027		M3*6 screw 2pcs M3*10 screw 2pcs M3*25 screw 2pcs	1	2-11-1	1300100005		Y axis belt fixation clamp	4
3-1	1700300007		Left Z axis nut support	1	2-11-2	1300100010		Guide rod back up plate	8
3-2	1700300008		Right Z axis nut support	1	2-11-3	1300100007		Y axis Limit switch fixed plate	1

Item	Material number	Picture	Name	QTY	Item	Material number	Picture	Name	QTY
3-3	1700100028		Extruder	1	2-11-4	1300100042		Y axis motor support	1
3-4	1700200008		X axis motor	1	2-11-5	1300100040		X axis Limit switch fixed plate	1
3-5	1700200009		Y axis motor	1	2-12	1300100044		Z axis motor support Plate	4
3-6	1700200010		Z axis motor	2	2-13	1300100048		Screen baffle plate	1
3-7	1700300001		1.7M Belt	1	2-14	1300100039		5015 Air blower fixed plate	1
3-8	1202200007		1.5M wire	1	2-15	1300100063		Z axis motor fixed plate	2
3-9	1300500005		Four parts below in this bag	1	2-16	1300100065 1300100056		Support plate lock plate	2

Item	Material number	Picture	Name	QTY	Item	Material number	Picture	Name	QTY
3-9-1	1300500001		4.5M Winding pipe	1	2-17	1300100041		Y axis motor fixed plate	1
3-9-2	1300900001		Belting	10	2-18	1700300010		Y axis belt bearing support	1
3-9-3	1300400006		R clip	3	2-19	1300300002		Wind mouth	1
3-9-4	1300400005		Locating piece	2	2-20			1.5M Power line	1
3-10	1101300008		Linear bearing	4	2-21	1700200018		16GB TF card and card reader	1
3-11	1200100002		Power Supply	1	2-22	1202100031		X Motor line 40CM Y Motor line 40CM Left Z Motor line 40CM Right Z Motor line 90CM Extruder Motor line 90CM	5

Przed rozpoczęciem montażu proszę się upewnić czy w zestawie znajdują się wszystkie elementy.

## NAZWY KOMPONENTÓW

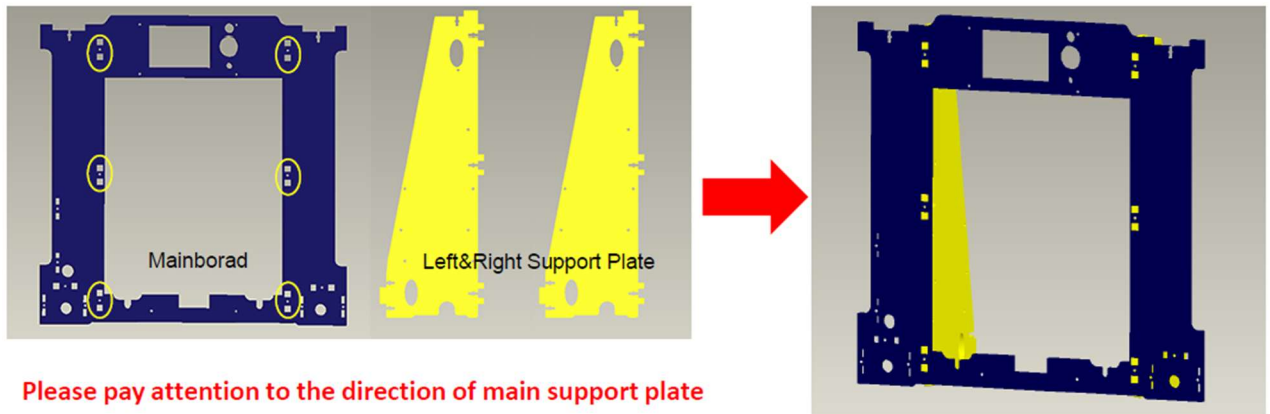


1. Wyświetlacz
2. Prowadnica Z
3. Pręt gwintowany Z
4. Krańcówka osi X
5. Silnik X
6. Ekstruder
7. Krańcówka osi X
8. Płyta główna
9. Lewy silnik osi Z
10. Wentylator
11. Dmuchawa
12. Prowadnica osi X
13. Silnik ekstrudera
14. Zasilacz
15. Silnik osi Y
16. Krańcówka osi Y
17. Stół roboczy
18. Prawy silnik osi Z
19. Pręt gwintowany osi Y
20. Prowadnica osi Y



## MONTAŻ RAMY

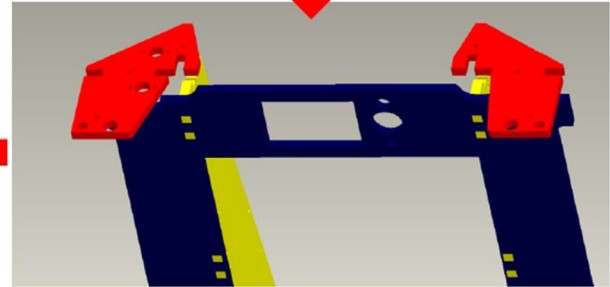
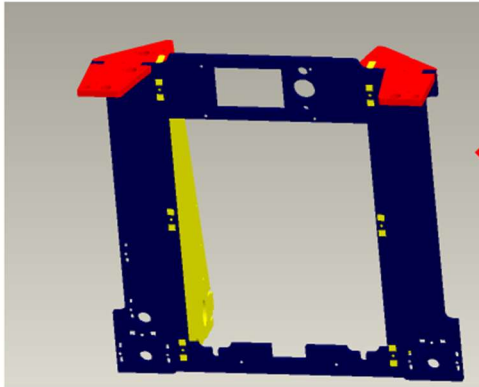
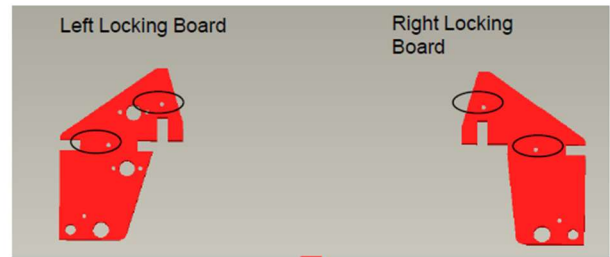
Name	QTY	Note
Main Support Plate	1	
Left&Right Support Plate	2	
M3* 18mm Screw	6	
M3 Nut	6	



Please pay attention to the direction of main support plate

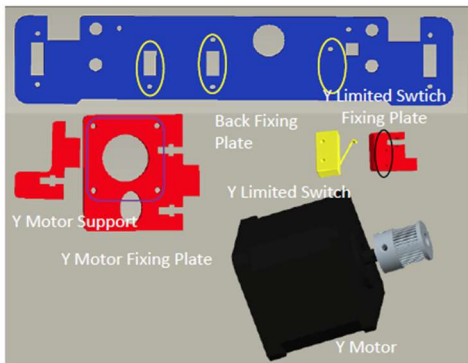
Proszę zwrócić uwagę na położenie ramy

Name	QTY	Note
Left Locking Board	1	
Right Locking Board	1	
M3*18 Screw	4	
M3 Nut	4	



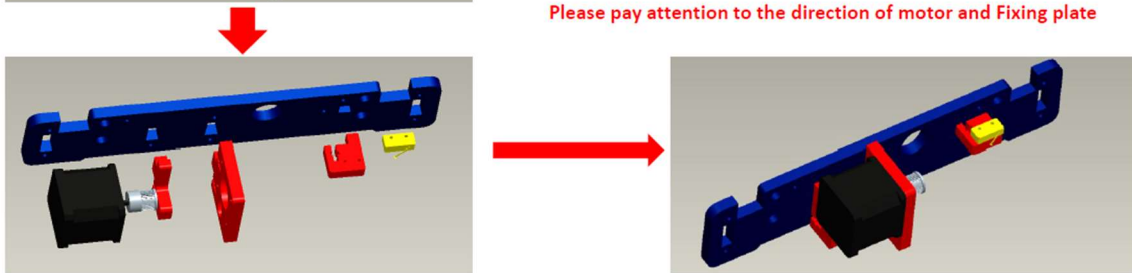
Please pay attention to the direction of Left&Right board

Proszę zwrócić uwagę na położenie lewej i prawej płytki



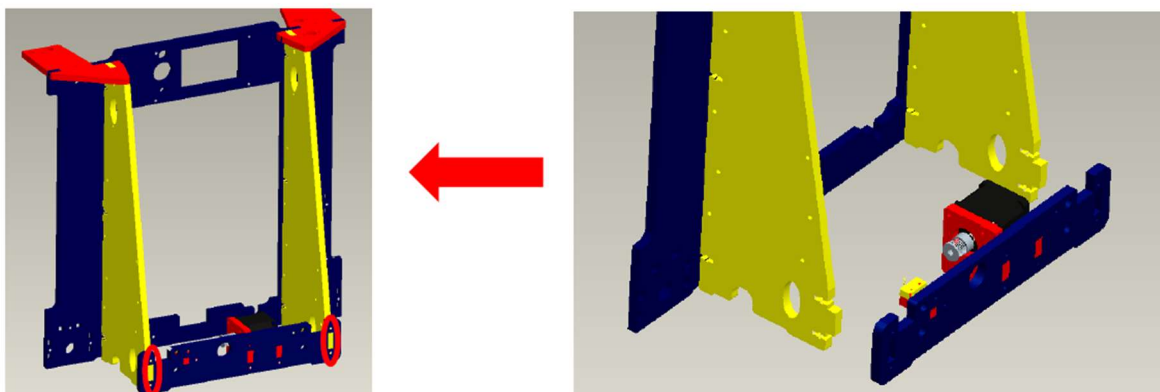
Name	QTY	Note	Name	QTY	Note
Back Fixing Plate	1		Y Limited Switch	1	0
Y Motor Fixing Plate	1		M2 Screw	2	0
Y Motor Support	1		M3*18 Screw	4	0
Y Limited Swtich Fixing Plate	1		M3 Nut	4	
Y Motor	1		M3*12 Screw	4	

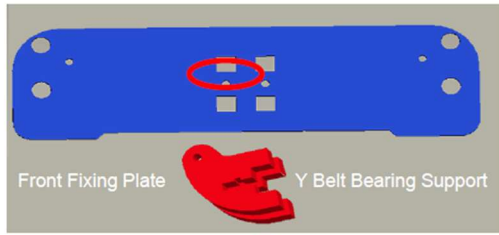
Please pay attention to the direction of motor and Fixing plate



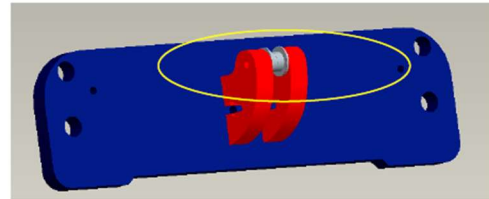
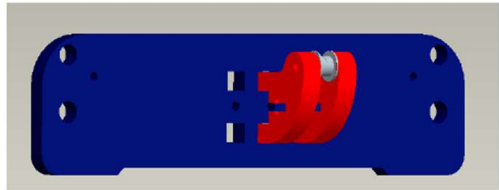
Proszę zwrócić uwagę na położenie silnika i płytki

Name	QTY	Note
M3*18 Screw	4	0
M3 Nut	4	





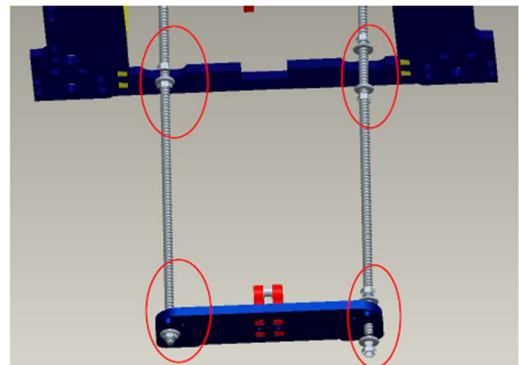
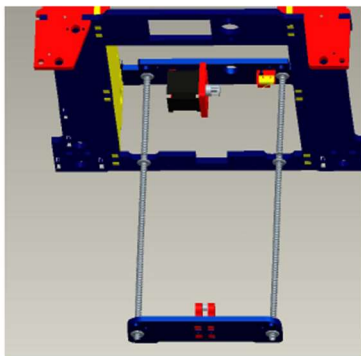
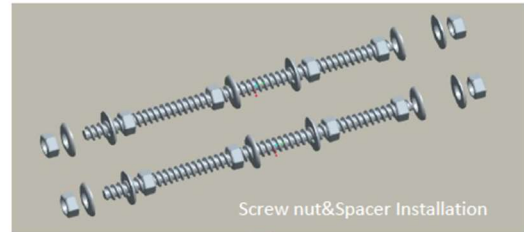
Name	QTY	Note
Front Fixing Plate	1	
Y Belt Bearing Support	1	
M3*18 Screw	2	○
M3Nut	2	

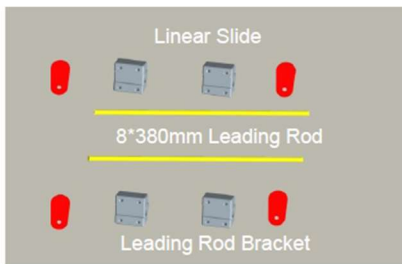


**Attention: The belt bearing up**

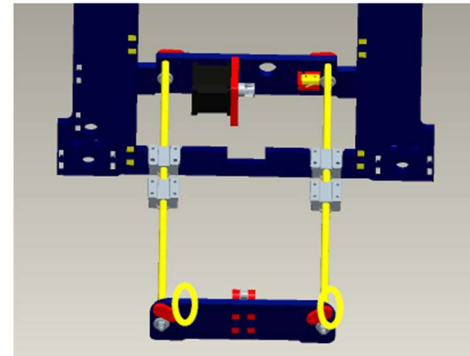
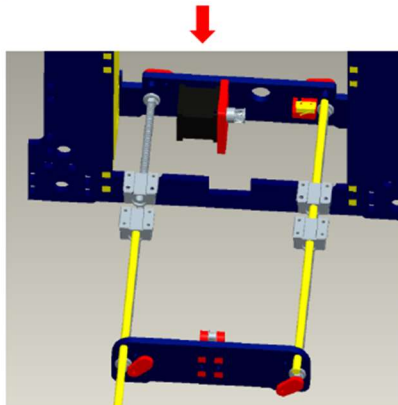
Uwaga: łożysko pasa powinno być na górze

Name	QTY	Note
M8*400 Threaded Rod	2	
M8 Nut	12	
M8 Spacer	12	

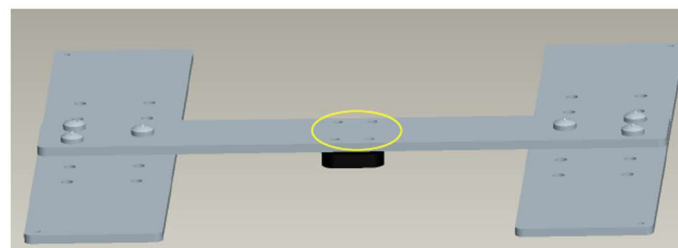
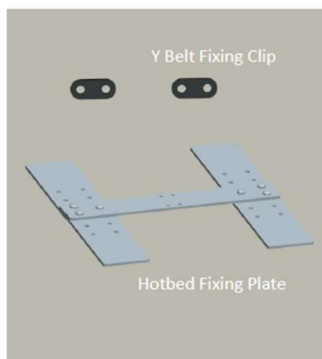




Name	QTY	Note
8*380mm Leading Rod	2	
Linear Slide	4	
Leading Rod Bracket	4	
M3*18 Screw	4	0
M3 Nut	4	

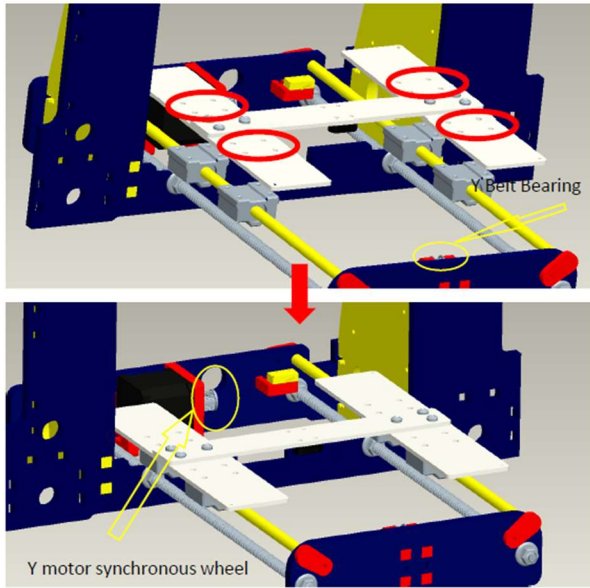


Name	QTY	Note
Y Belt Fixing Clip	2	
Hotbed Fixing Plate	1	
M4*14 Screw	4	

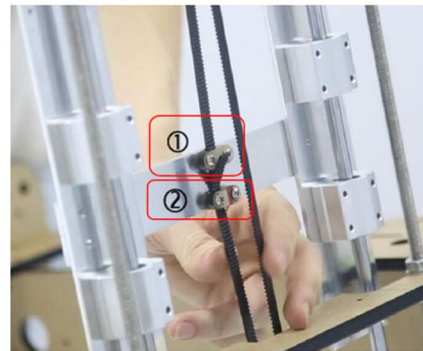


**Attention:** Leave some gap for screw for belt installation

Uwaga: zostaw trochę miejsca dla śrub do instalacji pasa



Name	QTY	Note
M4*8 Screw	16	



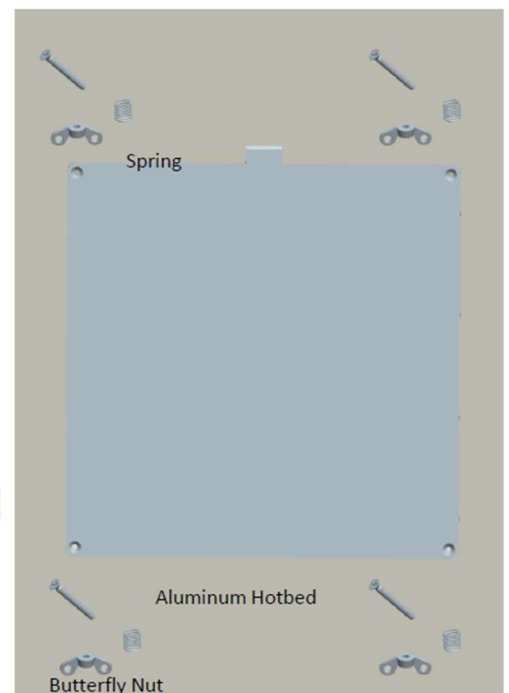
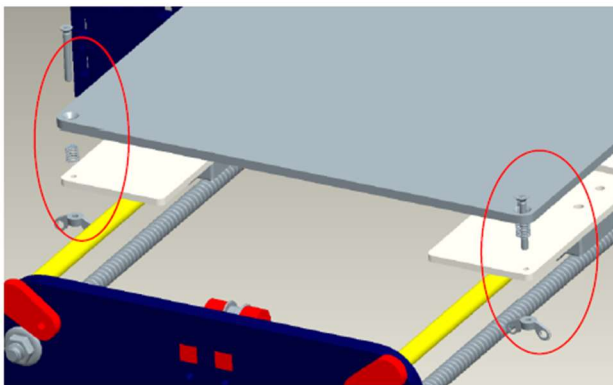
Fixate one end of the belt on ① , pass belt through Y motor syn chronous wheel , through Y belt bearing and fixate on ② (Meanwhile tension belt)

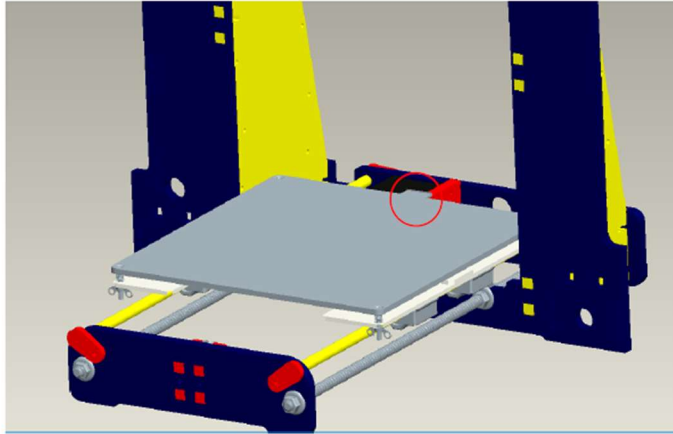
łożysko pasa Y

Koło silnika Y

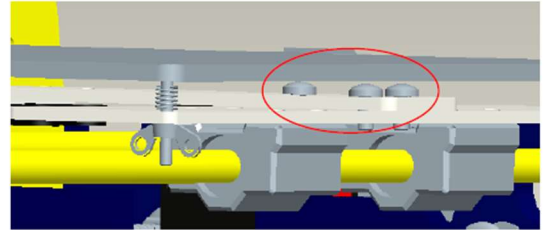
Przymocuj jeden koniec paska (1), przeprowadź pas przez koło Y, przez łożysko pasa Y i zamocuj (2)

Name	QTY	Note
220mm*220mm*3mm Aluminum Hotbed	1	
M3*30 Screw	4	
Butterfly Nut	4	
Spring	4	





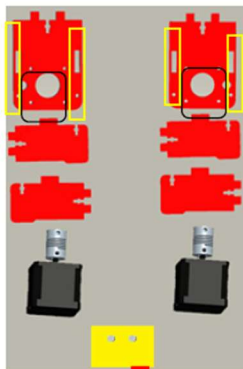
The connection head should go towards Y motor direction



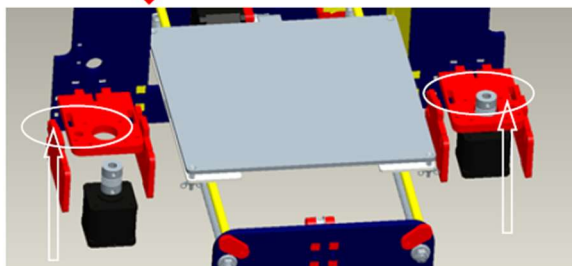
The gap between hotbed&hotbed fixing plate screw is about 5mm

Zaznaczony punkt powinien poruszać się w kierunku silnika Y

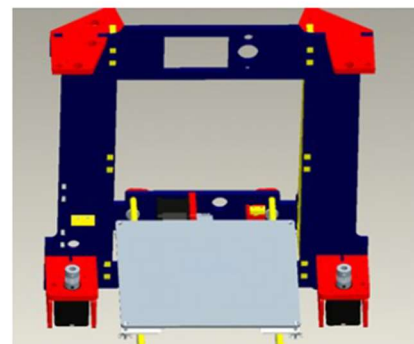
Przestrzeń pomiędzy stołem roboczym i śrubami powinna być równa ok. 5 mm



Name	QTY	Note	Name	QTY	Note
Left&Right Z Motor Fixing Plate	2		M3*18 Screw	14	
Z Motor Support	4		M3 Nut	10	
Z Motor	2		M3*12 Screw	8	
Z Y Limited Switch	2		M2*12 Screw	2	




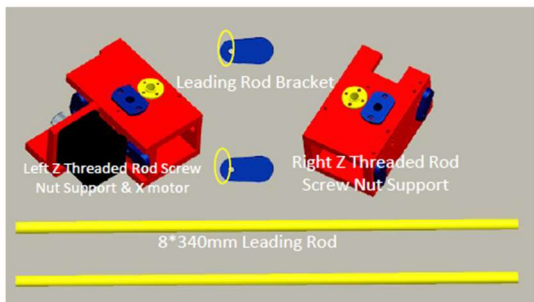
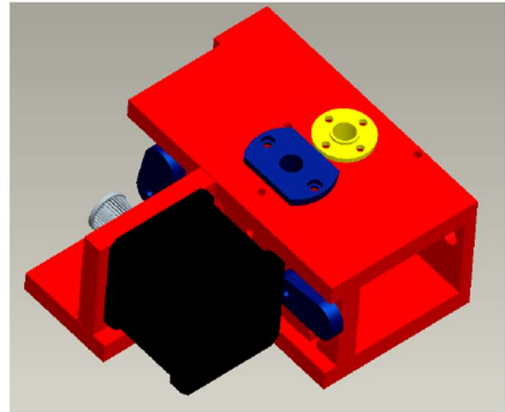
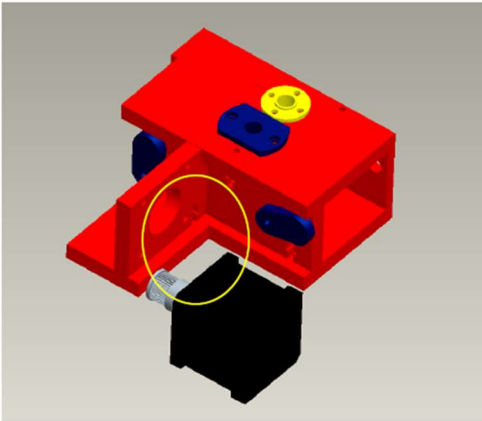
The Small hole should face outward



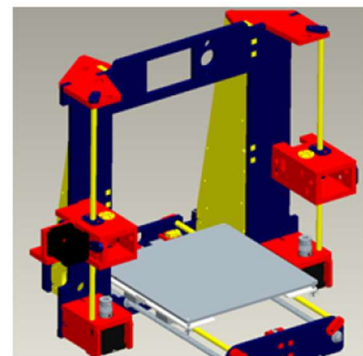
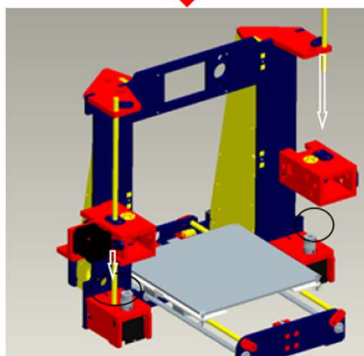
Mały otwór powinien być skierowany na zewnątrz



Name	QTY	Note
Left Z Threaded Rod Screw Nut Support	1	
X Motor	1	
M3*12 Screw	4	



Name	QTY	Note
Left Z Threaded Rod Screw Nut Support & X motor	1	
Right Z Threaded Rod Screw Nut Support	1	
8*340mm Leading Rod	2	
Leading Rod Bracket	2	
M3*18 Screw	2	
M3 Nut	2	



Guide rod placement method

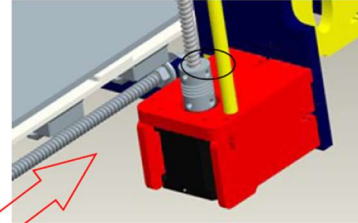
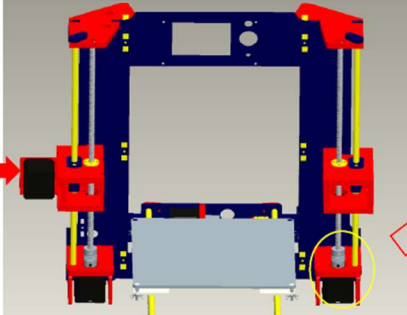
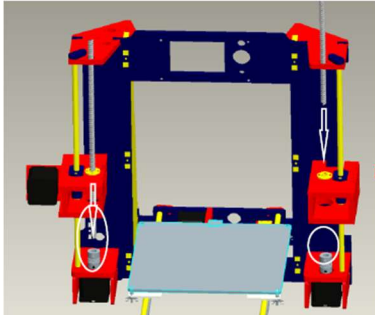
Metoda montażu prowadnicy



Name	QTY	Note
Threaded Rod M8*318mm	2	



Threaded Rod M8\*318mm

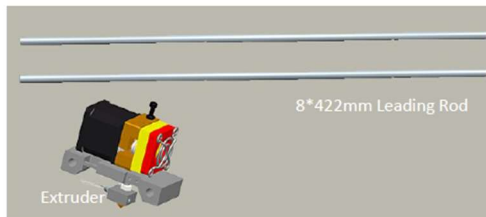


Loose set screw , install threaded rod and then tighnen it .

Threaded Rod Installation

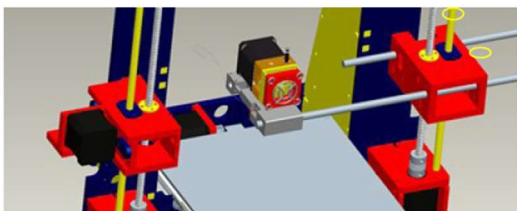
Instalacja gwintowanego pręta

Poluzuj śrubę, a następnie zainstaluj pręt i dokręć srubę.

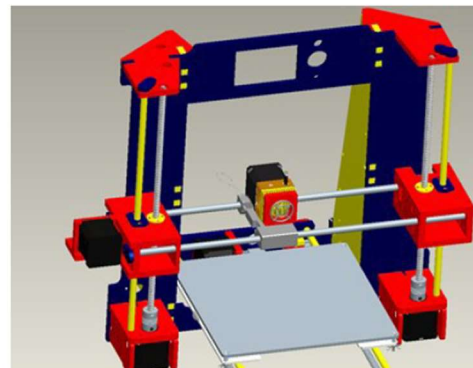


8\*422mm Leading Rod

Extruder





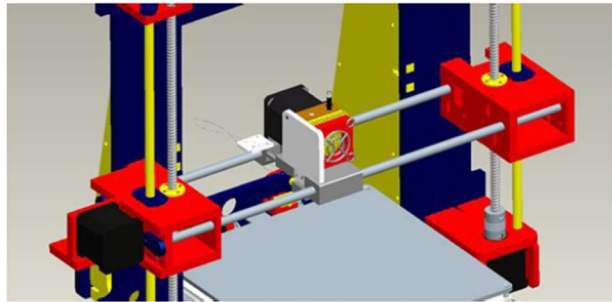
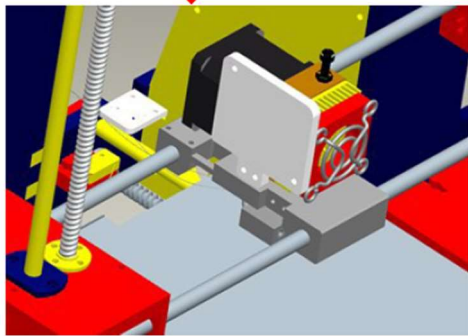
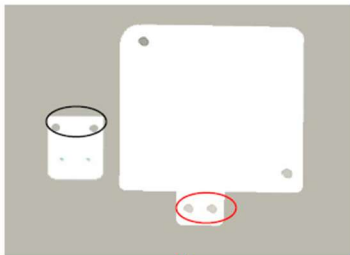
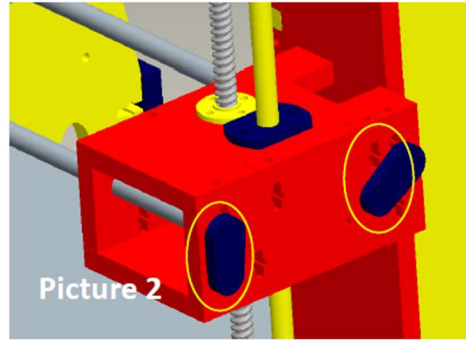
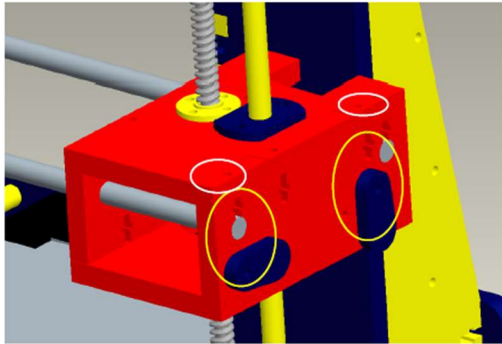
Loose M3 screw to install leading rod

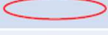





Name	QTY	Note
8*422mm Leading Rod	2	
Extruder	1	

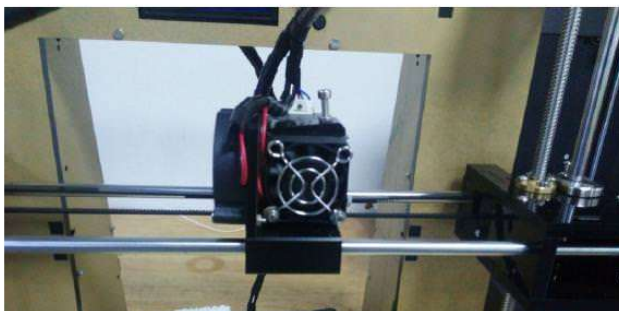
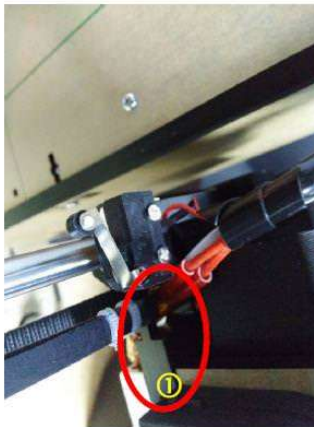
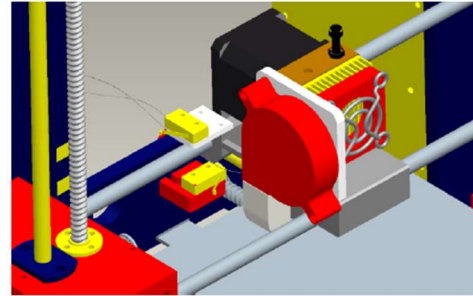
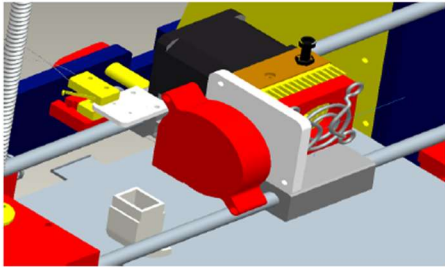
Poluzuj śrubę M3 do zainstalowania prowadnicy

Position	Note
	Tighten the screw in white circle
	Pay attention to the bracket , fixate bracket when it turns to picture 2



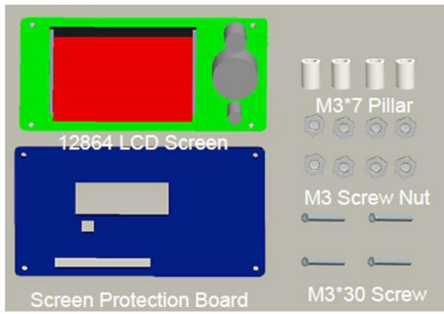
Name	QTY	Note
X Limited Switch Support	1	
Blower Support	1	
M3*10 Screw	2	
M3*6 Screw	2	

Name	QTY	Note
X Limited Switch	1	
Wind Mouth	1	
Blower	1	
M3*25 Screw	2	
M3 Nut	2	
M2 Self-tapping Screws	2	

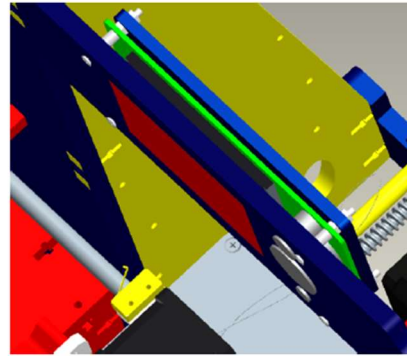
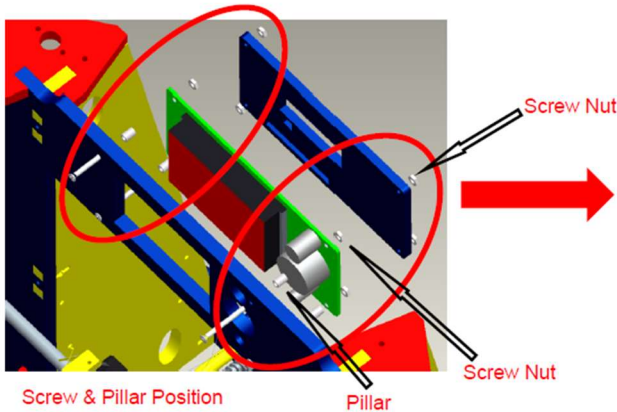


Fixate belt in ① , Pass belt through X motor Synchronous wheel and belt bearing , then pass ② , tension belt and lock

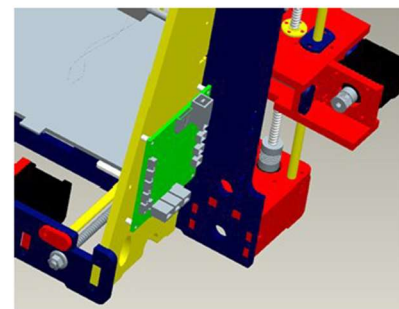
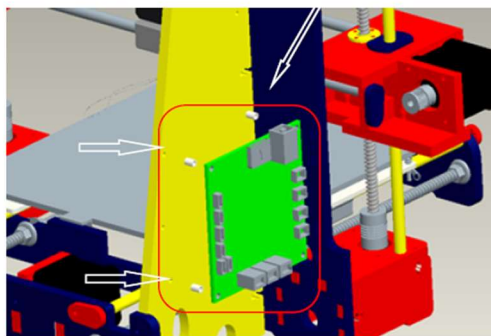
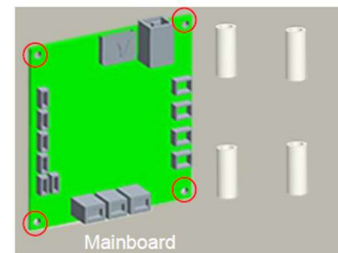
Zamocuj pasek w (1), przełóż pasek przez koło silnika X i łożysko paska, a następnie (2), pasek napinający i blokada



Name	QTY	Note
12864 LCD Screen	1	
Screen Protection Board	1	
M3*7 Pillar	4	○
M3*30 Screw	4	
M3 Nut	8	



Name	QTY	Note
Mainboard	1	
M3*15 Pillar	4	
M3*30 Screw	4	○
M3 Nut	4	

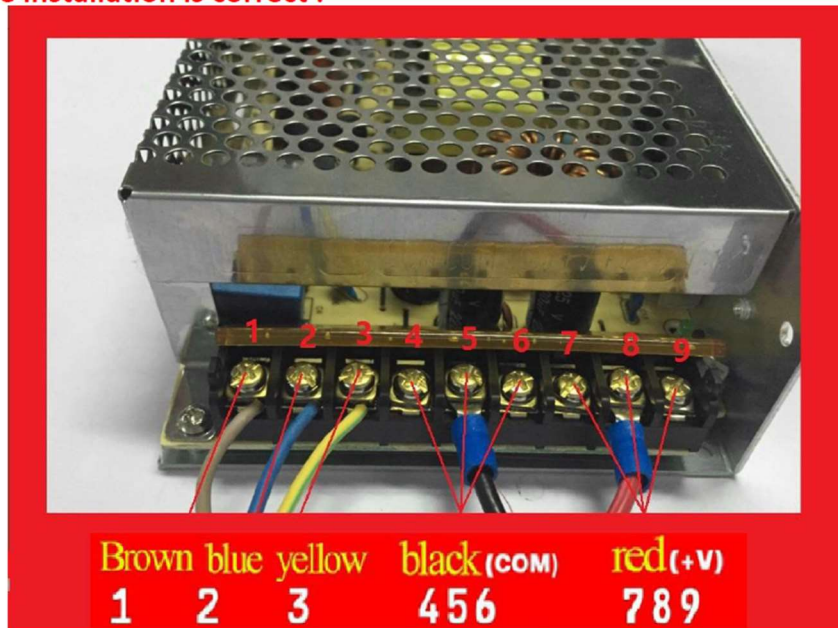


Proszę zainstalować w rekomendowanych otworach

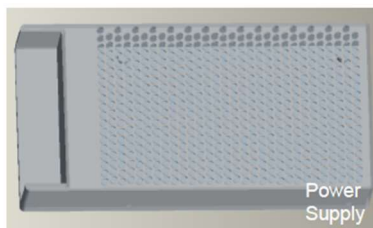
Proszę zainstalować płytę główną na boku lewego prętu gwintowanego Z



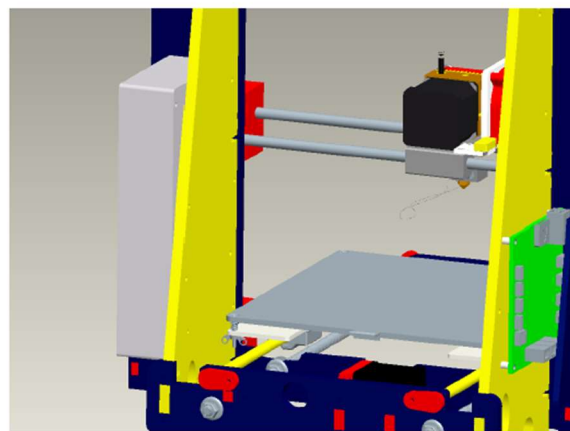
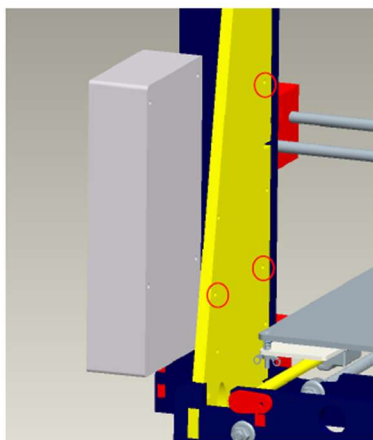
Attention This is the wiring diagram of power supply. 1, 2, 3 separately represent the line of fire (brown), Zero line (blue), ground wire (yellow). 4,5, 6 represent negative pole (black) (-); 7,8,9 represent the positive pole (red) (+).To avoid danger , please assure the installation is correct .



Schemat podłączenia zasilacza. 1, 2, 3 oddzielnie reprezentują linię ognia (brązowy), linia zero (niebieski), uziemienie (żółty). 4, 5, 6 reprezentuje biegun ujemny (czarny) (-); 7, 8, 9 reprezentuje biegun dodatni (czerwony) (+). Proszę upewnić się o poprawności połączenia.



Name	QTY	Note
Power Supply	1	
M3*12 Screw	3	○

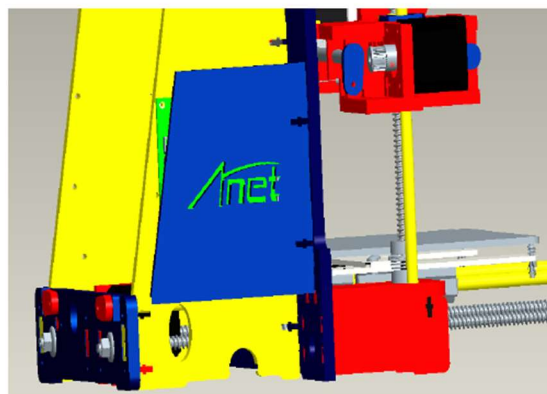
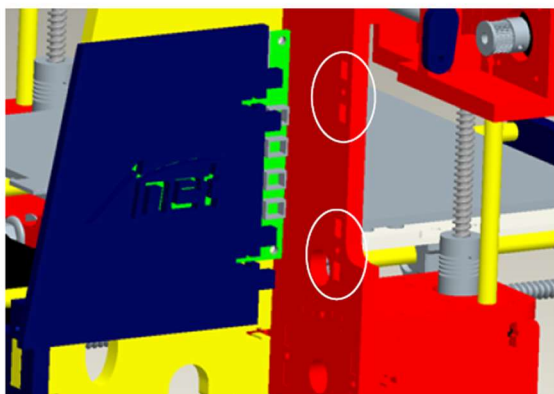


Please Install power supply in the recommended hole

Proszę zainstalować zasilacz w rekomendowanych otworach.

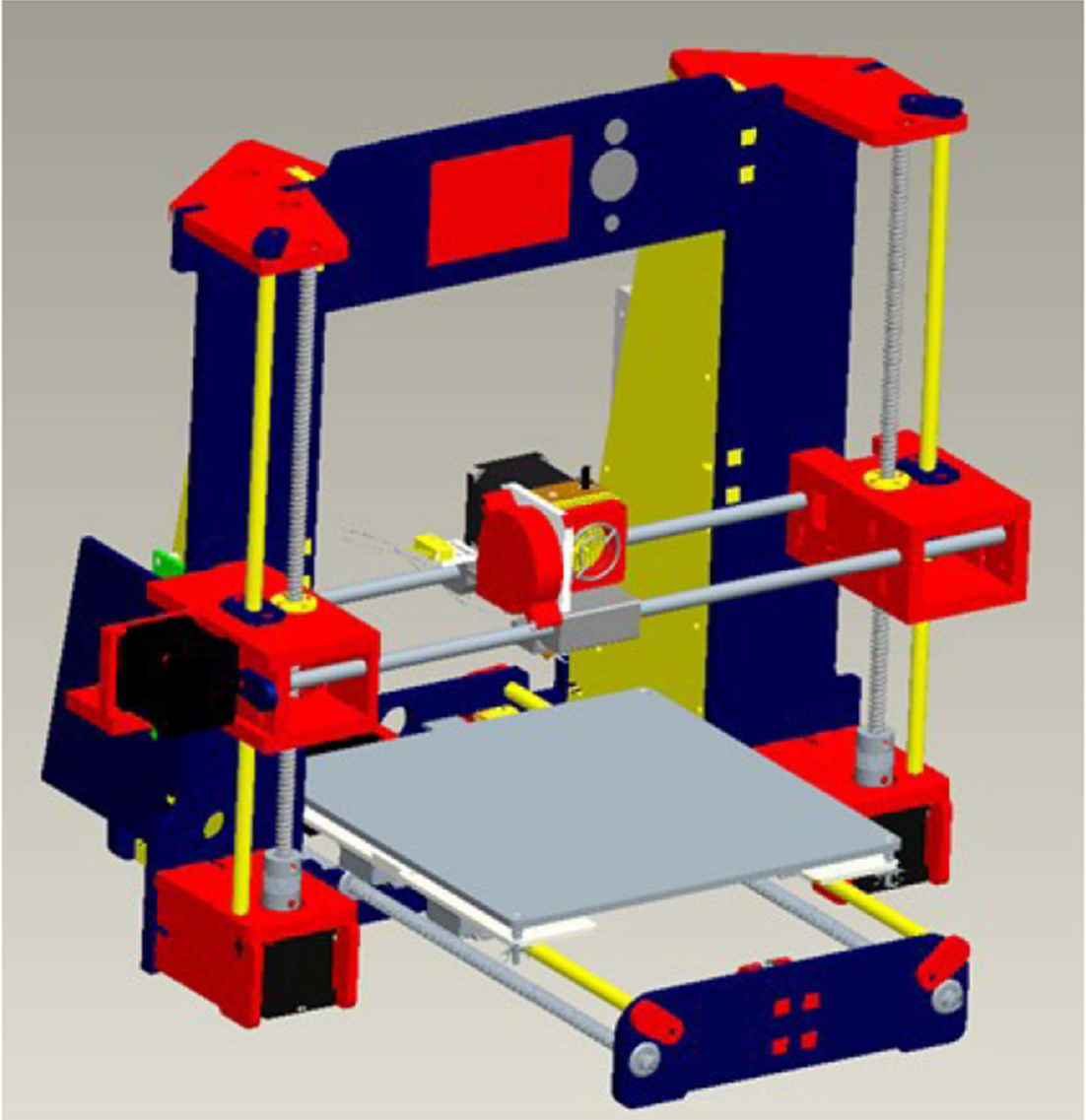
Name	QTY	Note
Mainboard Protection Board	1	
M3*18 Screw	2	
M3 Nut	2	

Please ensure you have connected all wires right before mainboard protection board installation



Proszę upewnić się, że wszystkie przewody zostały poprawnie połączony przed instalacją zabezpieczenia płyty głównej

KONIEC



# Attention: Please connect components with corresponding wires

