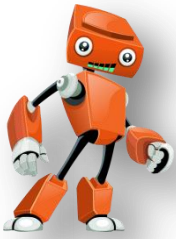


Izmo BIU Montaj Kılavuzu

ROBOTIZMO.net



Adım 1

Ekran Montajı



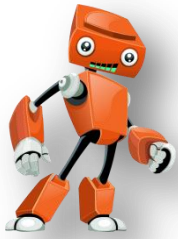
4 adet / M3x20 İmbus Vida
4 adet/M3 Somun
2 adet m6x12 BB İmbus
2 adet m6 Kanal Somun
2 adet 7,19 Pul
4x20 LCD, LCD Tutucu, Pot Başlığı



Adım 1

Ekran Montajı



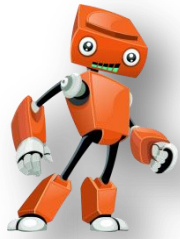


Adım 2

Z Eksen Motorlarının Montajı



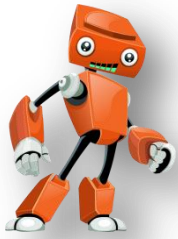
- 8 Adet / m3x10 İmbus Vida
- 2 Adet m6 Kanal Somun
- 2 Adet / m6x12 BB İmbus
- 1 Adet / end-stop
- 2 adet / Nema17 Step Motor
- 2 Adet / Sağ ve Sol Motor Tutucu



Adım 2

Z Eksen Motorlarının Montajı





Adım 3

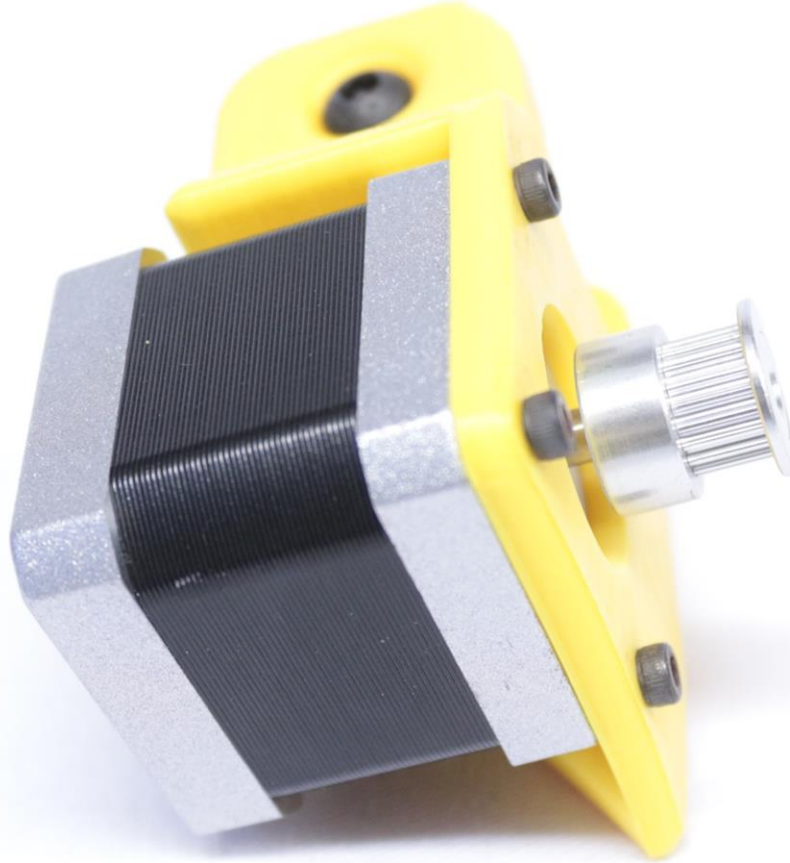
Tabla Motor Montajı



- 4 Adet / m3x10 İmbus Vida
- 2 Adet m6 Kanal Somun
- 2 Adet / m6x12 BB İmbus
- 1 adet / Nema17 Step Motor
- 1 Adet / Motor Tutucu
- 1 Adet/5mm Kasnak

Adım 3

Tabla Motor Montajı



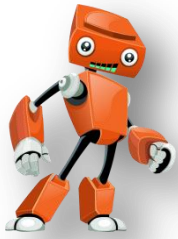


Adım 4

Filament Tutucuların Montajı



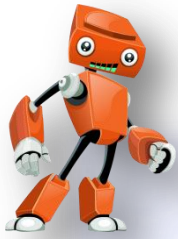
2 Adet / m6 Kanal Somun
2 Adet / m6x12 BB İmbus
2 Adet / Sol ve Sağ Tutucu



Adım 4

Filament Tutucuların Montajı





Adım 5

Extruder Montajı (1)

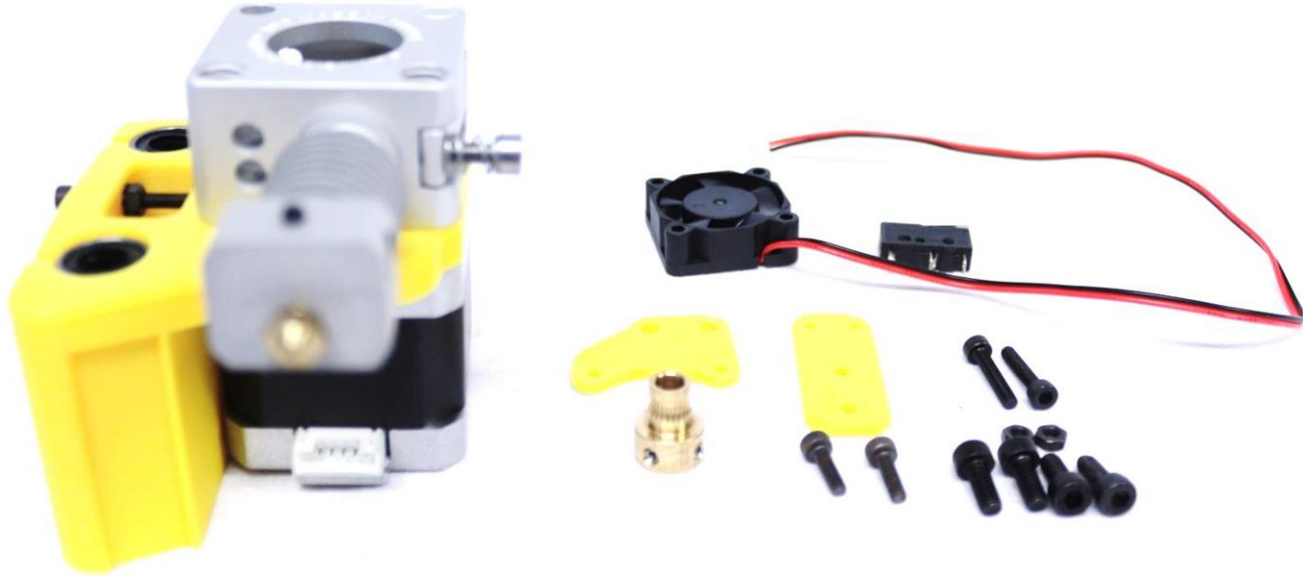


- 1 Adet / Hotend
- 1 Adet / Nema17 Step Motor
- 4 Adet / LM8uu Rulman
- 1 Adet / Extruder Şase
- 3 Adet / M3x12 İmbus Vida
- 2 Adet / M4x25 İmbus Vida
- 2 Adet / M3x25 İmbus Vida
- 8 Adet / M3 Tırtıklı Pul
- 2 Adet / M3 Somun
- 3 Adet / M4 Somun
- 3 Adet / M4 Tırtıklı Pul

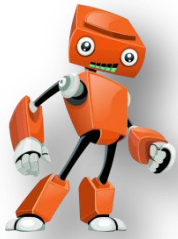


Adım 5

Extruder Montajı (2)

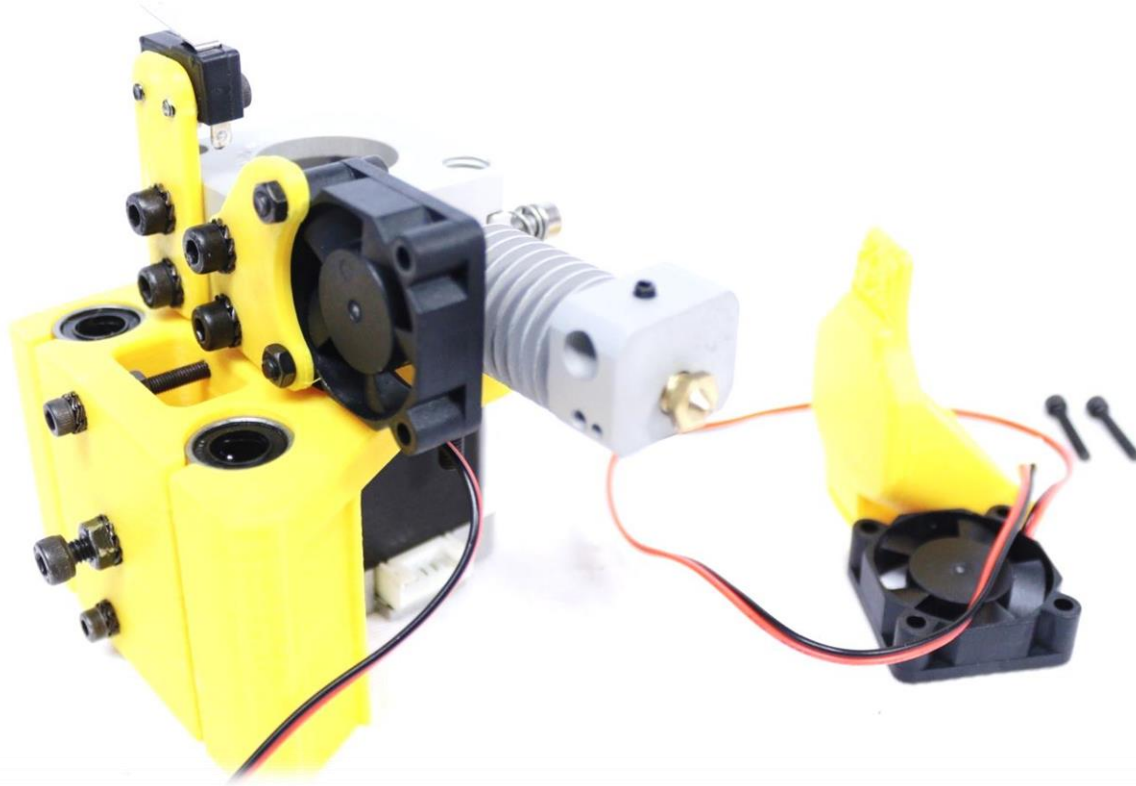


- 1 Adet / 30x30 Fan
- 1 Adet / End-Stop
- 1 Adet / Fan Tutucu
- 1 Adet / End-Stop Tutucu
- 2 Adet / M3x15 İmbus Vida
- 1 Adet / İtici
- 2 Adet / M3x10 İmbus Vida
- 4 Adet / M4x10 İmbus Vida
- 2 Adet / M3 Somun

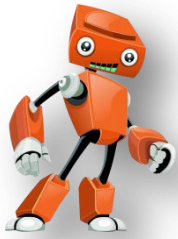


Adım 5

Extruder Montajı (3)

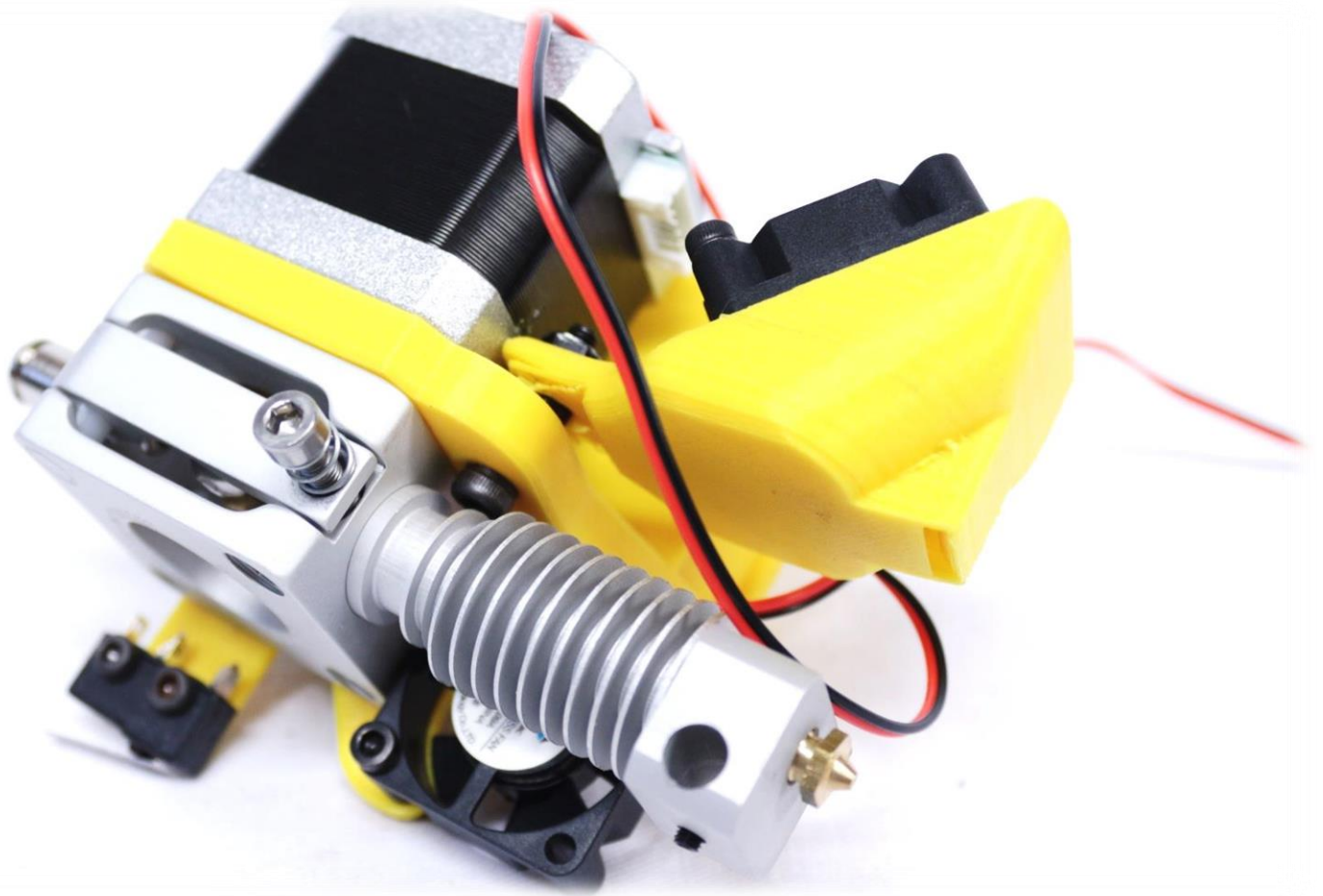


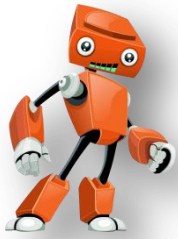
- 1 Adet / Fan Tutucu
- 1 Adet / 30x30 Fan
- 2 Adet / M3x15 İmbus Vida
- 1 Adet / M4 Tırtıklı Pul
- 1 Adet / M4 Somun



Adım 5

Extruder Montajı



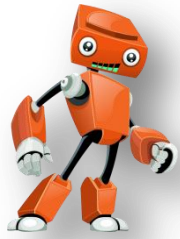


Adım 6

X Eksen Motor Tutucu Montajı



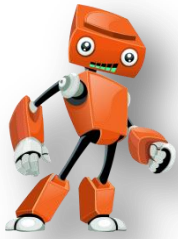
- 1 Adet / Motor Tutucu
- 1 Adet / Nema17 Step Motor
- 1 Adet / Trapez Somun
- 1 Adet / 5mm Kasnak
- 2 Adet / LM8uu Rulman
- 5 Adet / M3x10 İmbus Vida
- 3 Adet / M3x15 İmbus Vida
- 3 Adet / M3 Somun



Adım 6

X Eksen Motor Tutucu Montajı



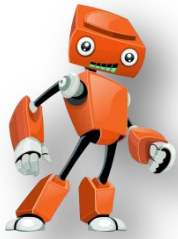


Adım 7

X Eksen Motor Karşılığı Montajı



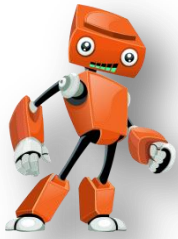
- 1 Adet / Şase
- 2 Adet / LM8uu Rulman
- 1 Adet / M3 GT2 Rulman
- 1 Adet / Trapez Somun
- 3 Adet / M3x15 İmbus Vida
- 1 Adet / M3x10 İmbus Vida
- 1 Adet / M3x25 İmbus Vida
- 1 Adet / M3 Somun



Adım 7

X Eksen Motor Karşılığı Montajı



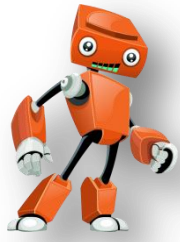


Adım 8

Tabla Mil Tutucuların Montajı

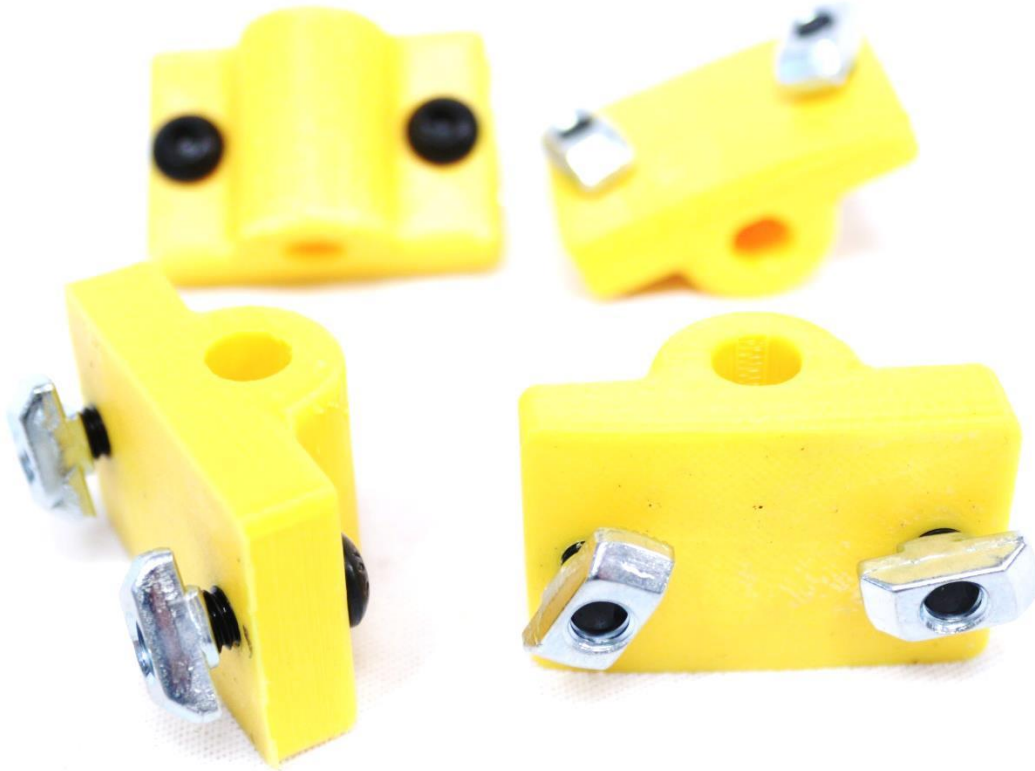


4 Adet / Tabla Mil Tutucu
8 Adet / M6x16 BB İmbus Vida
8 Adet / M6 Kanal Somun



Adım 8

Tabla Mil Tutucuların Montajı



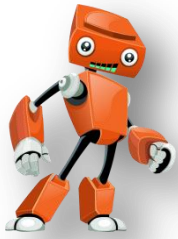


Adım 9

Ayakların Montajı



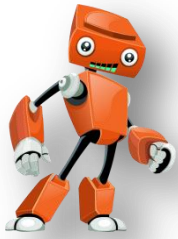
- 4 Adet / Ayak
- 4 Adet / M6x80 Havşa Baş Vida
- 4 Adet / Silikon Ayak
- 4 Adet / 7,19 Pul
- 4 Adet M6 Kanal Somun
- 4 Adet / M6 Somun



Adım 9

Ayakların Montajı



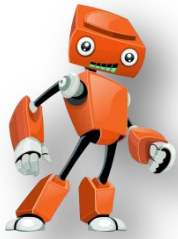


Adım 10

Z Eksen Mil Tutucuların Montajı

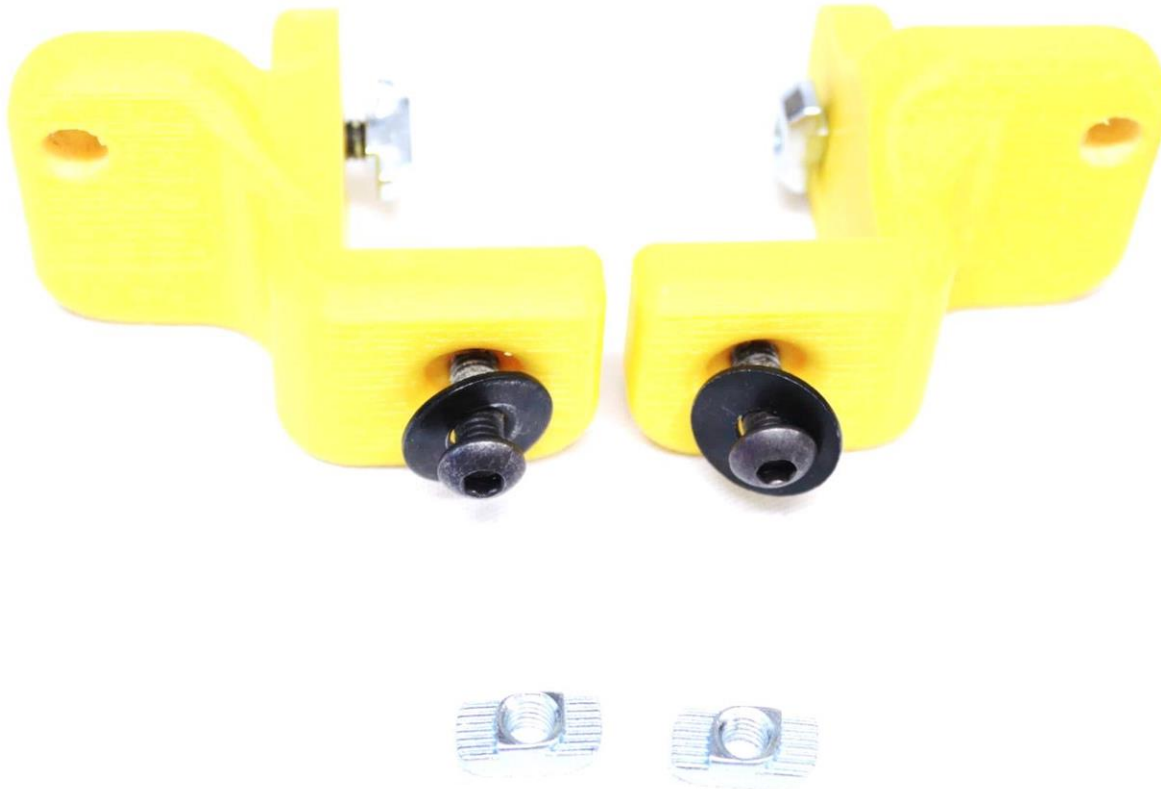


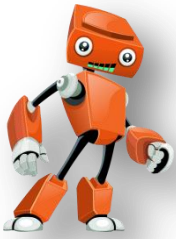
2 Adet / Mil Tutucu (Sol ve Sağ)
2 Adet / M6x12 BB İmbus Vida
2 Adet / M6x20 BB İmbus Vida
2 Adet / 7,19 Pul



Adım 10

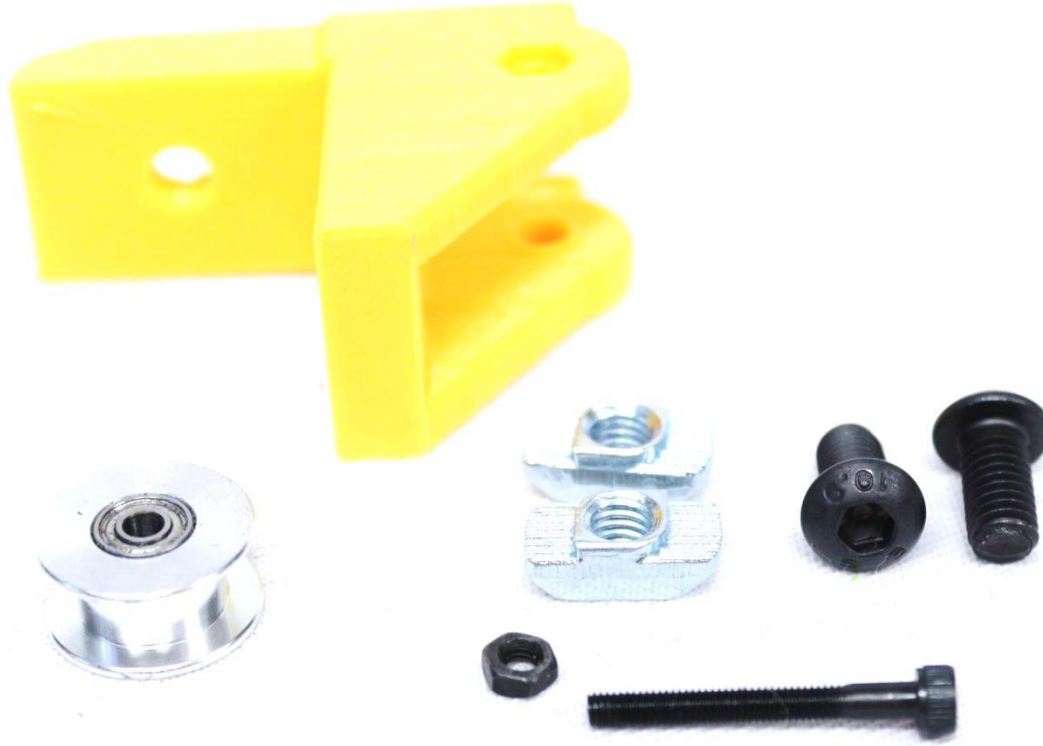
Z Eksen Mil Tutucuların Montajı





Adım 11

Tabla Kayış Karşılık Montajı



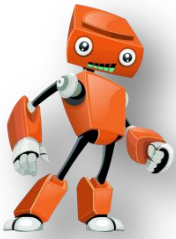
- 1 Adet / Kayış Karşılık
- 1 Adet / M3 GT2 Rulman
- 2 Adet / M6x12 BB İmbus Vida
- 1 Adet / M3x25 İmbus Vida
- 1 Adet / M3 Somun



Adım 11

Tabla Kayış Karşılık Montajı



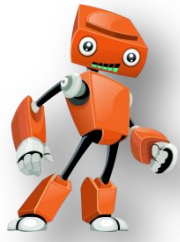


Adım 12

220 Volt Güç Girişinin Montajı



- 1 Adet / Şase
- 1 Adet / Anahtarlı Power Soket
- 2 Adet / M6x20 BB İmbus Vida
- 2 Adet / M6 Kanal Somun
- 2 Adet / M3x15 Havşa Başlı Yıldız Vida
- 1 Adet / 2.5 A Cam Sigorta
- 1 Adet / 15 cm 2x0.75 Kablo



Adım 12

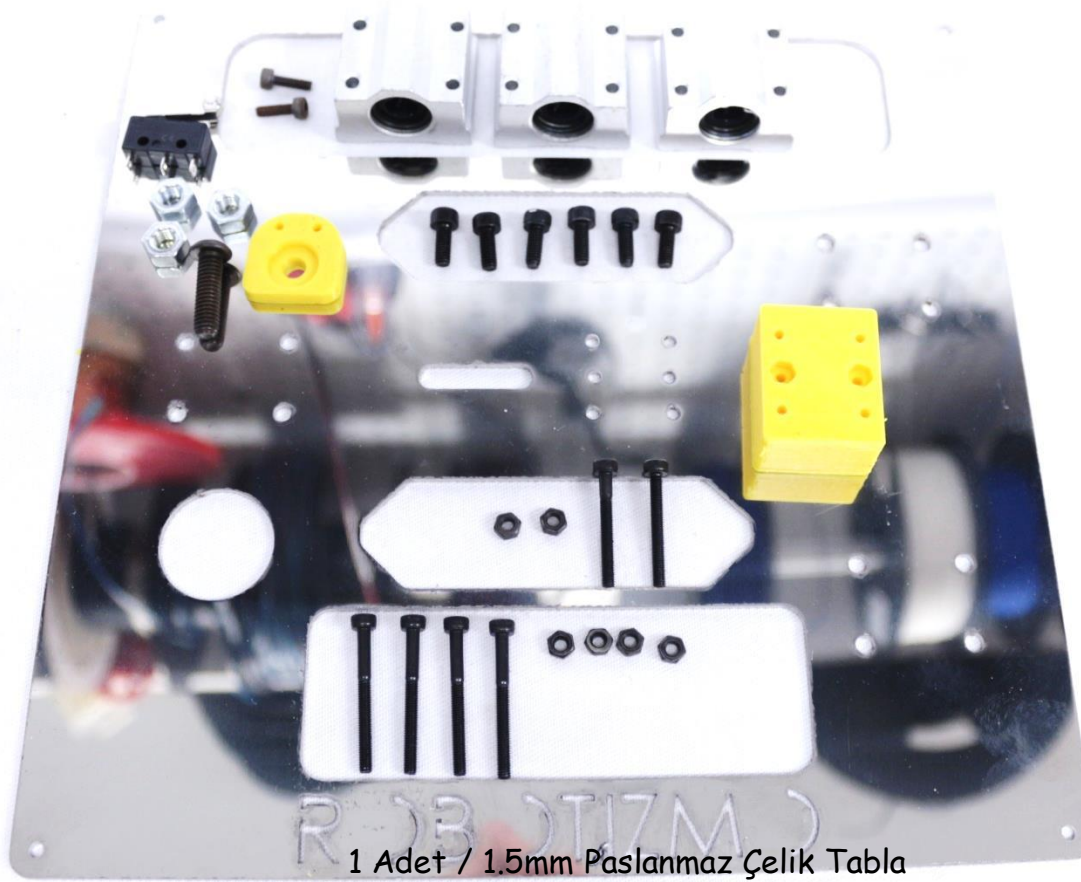
220 Volt Güç Girişinin Montajı





Adım 13

Tabla Montajı



1 Adet / 1.5mm Paslanmaz Çelik Tabla

3 Adet / SCS8UU Yataklı Rulman

6 Adet / M4x10 İmbus Vida

2 Adet / M3x10 İmbus Vida

1 Adet / End-Stop

3 Adet / M6 Somun

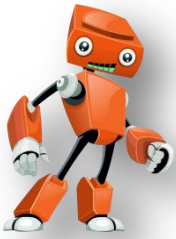
1 Adet M6x20 BB İmbus Vida

1 Adet / End-Stop Tutucu

6 Adet / M3 Somun

2 Adet / M3x25 İmbus Vida

4 Adet M3x30 İmbus Vida



Adım 13

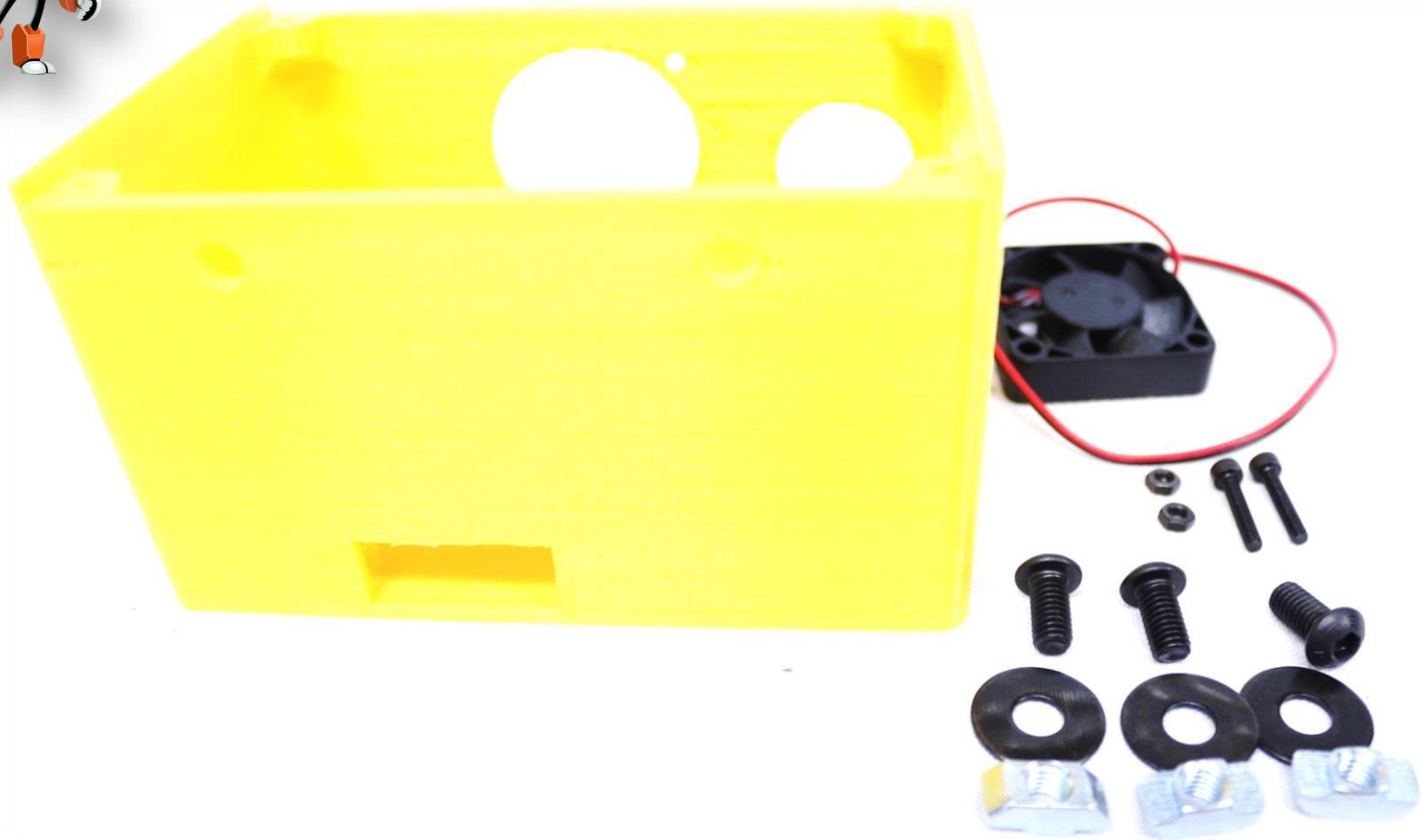
Tabla Montajı



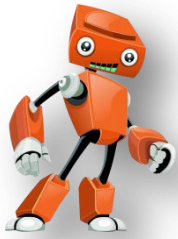


Adım 14

Ramps Yuva Montajı

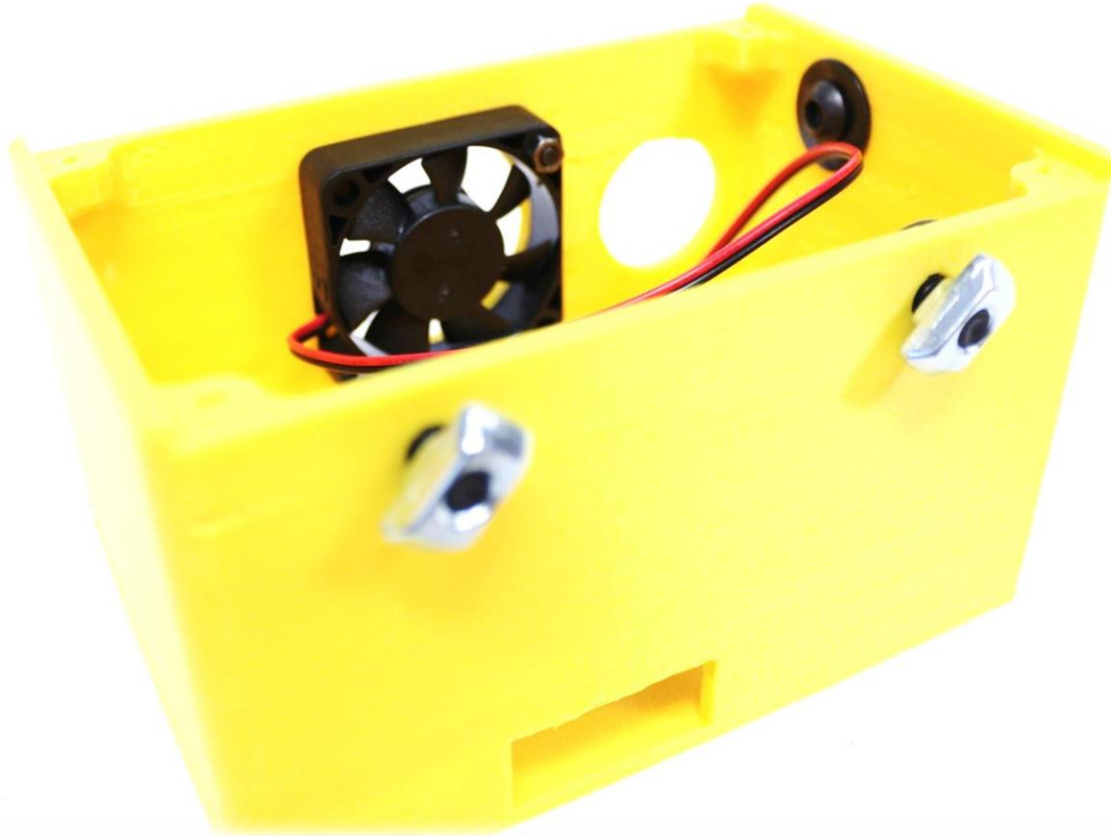


- 1 Adet / Ramps Yuva
- 1 Adet / 40x40mm Fan
- 3 Adet / M6x12 BB İmbus Vida
- 3 Adet / 7,19 Pul
- 3 Adet / M6 Kanal Somun
- 2 Adet / M3x15 İmbus Vida
- 2 Adet / M3 Somun



Adım 14

Ramps Yuva Montajı



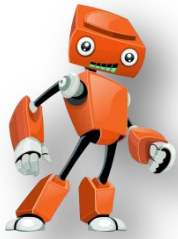


Adım 15

Alüminyum İskeletin Montajı



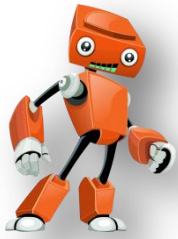
- 6 Adet / 90' Gizli Köşe Bağlantısı
- 2 Adet / 90' Genil Köşe Bağlantısı
- 4 Adet / M6x12 BB İmbus Vida
- 4 Adet / 7,19 Pul
- 4 Adet / M6 Kanal Somun
- 2 Adet / 45'-90' Kesilmiş Alüminyum(30x30mm)
- 5 Adet / 45'-45' Kesilmiş Alüminyum(30x30mm)



Adım 15

Alüminyum İskeletin Montajı





Adım 15

Alüminyum İskeletin Montajı

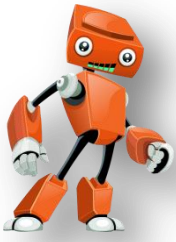




Adım 16

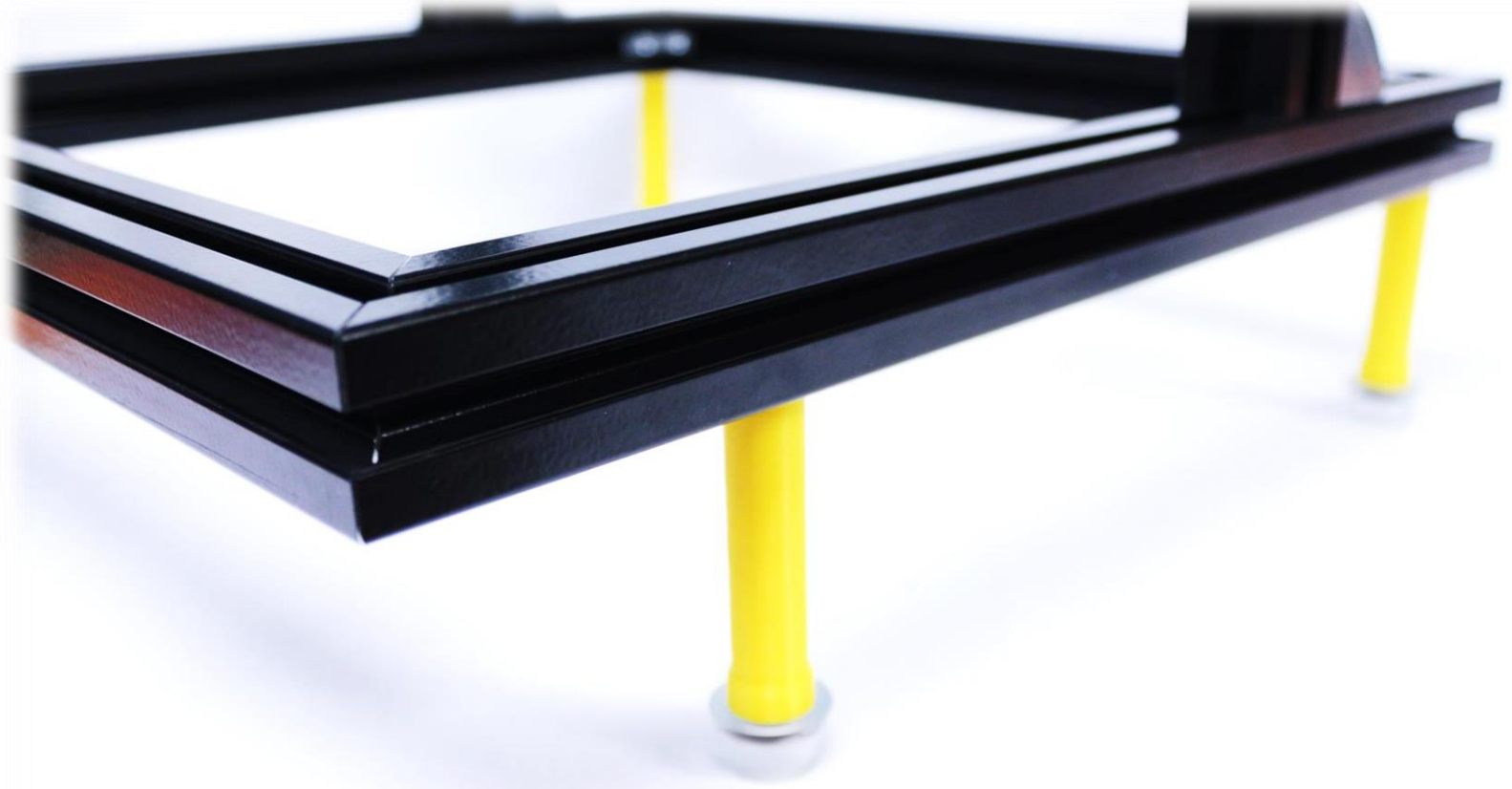
Ayakların İskelete Montajı

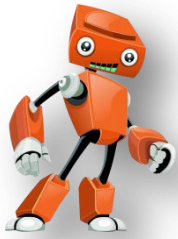




Adım 16

Ayakların İskelete Montajı

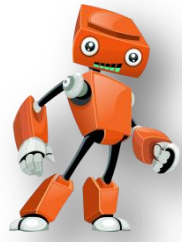




Adım 17

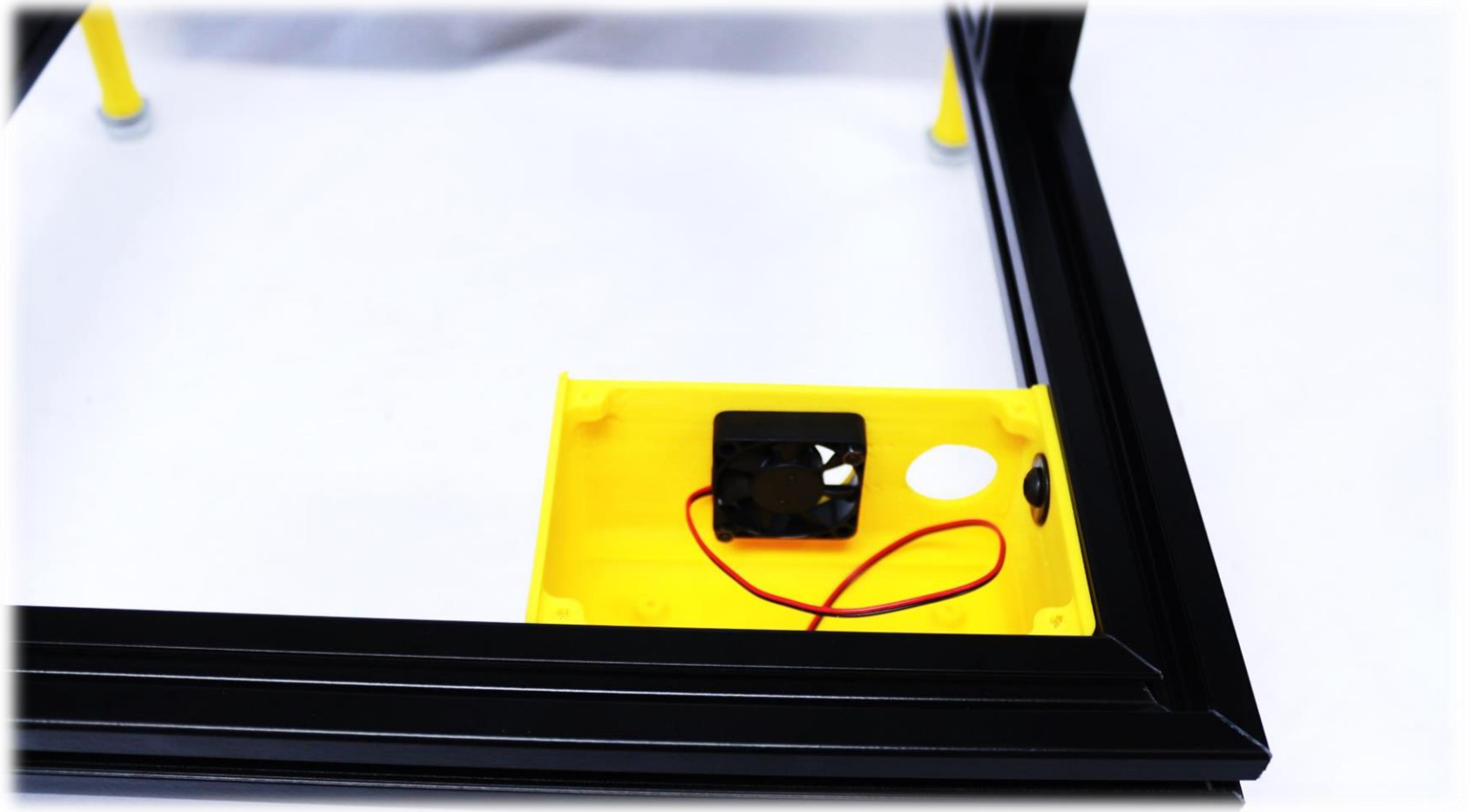
Ramps Yuvanın İskelete Montajı

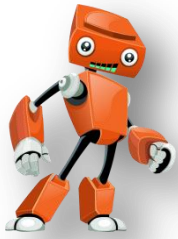




Adım 17

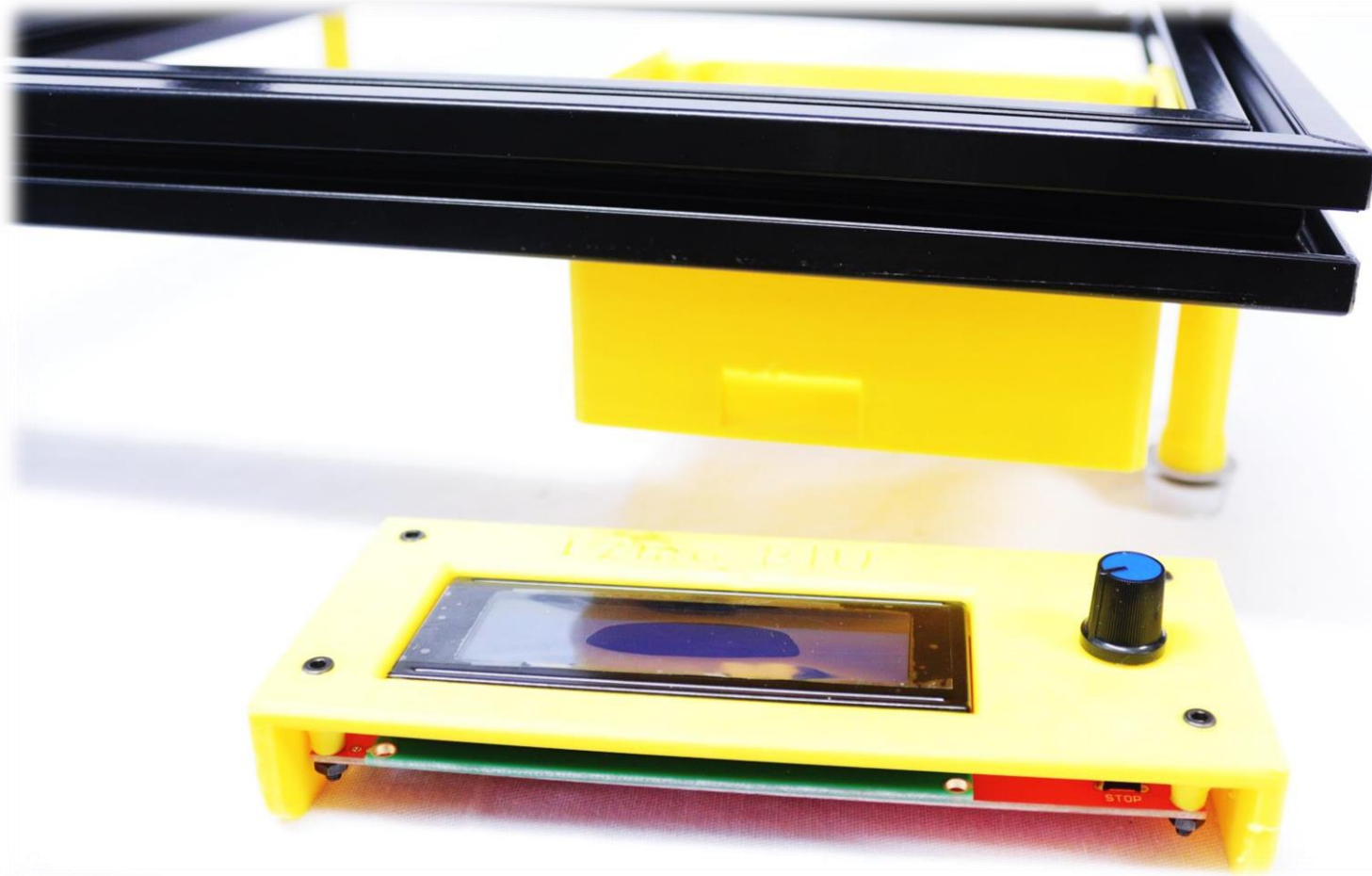
Ramps Yuvanın İskelete Montajı

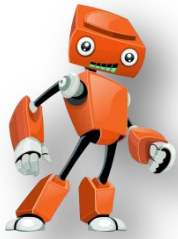




Adım 18

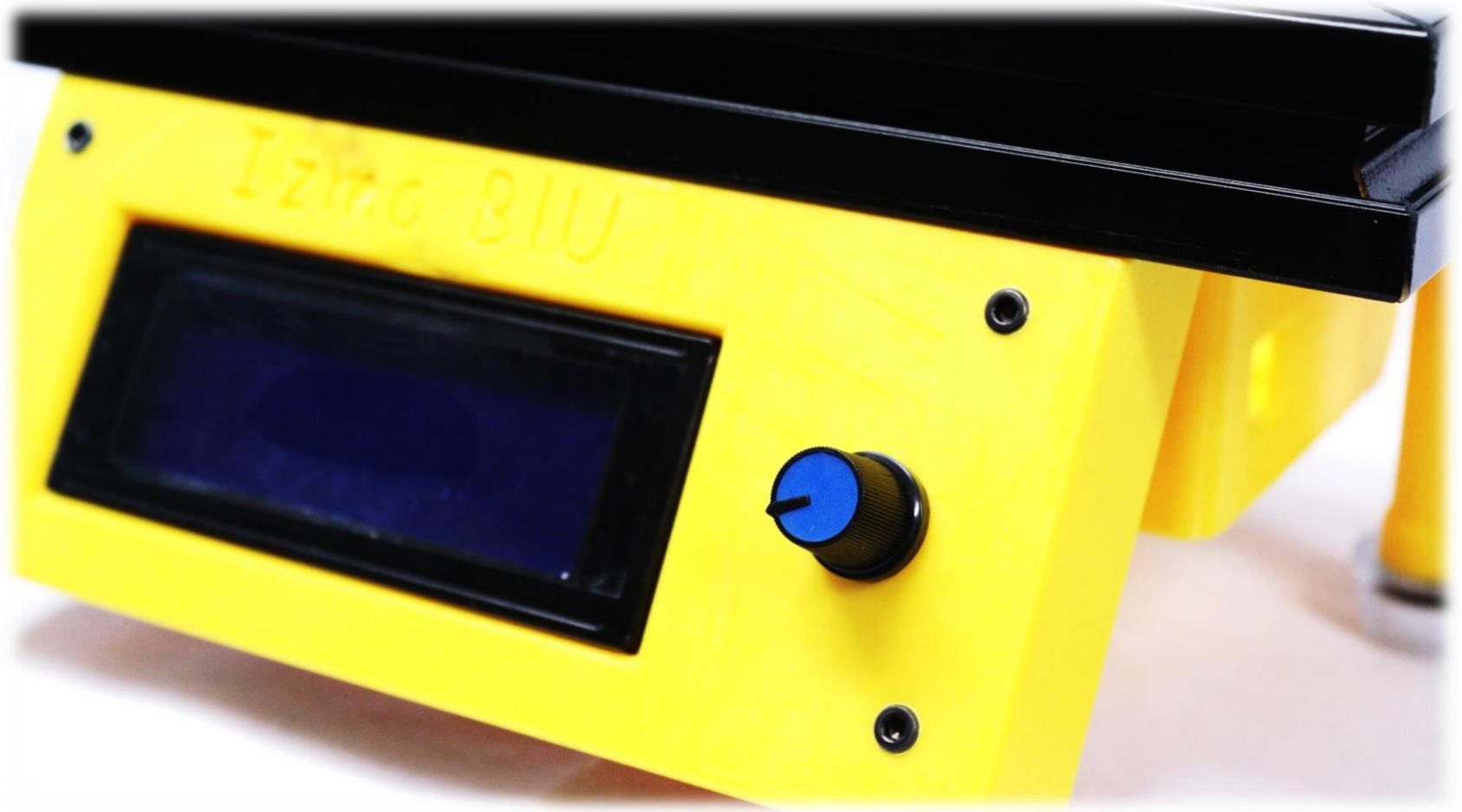
LCD Tutucusunun İskelete Montajı





Adım 18

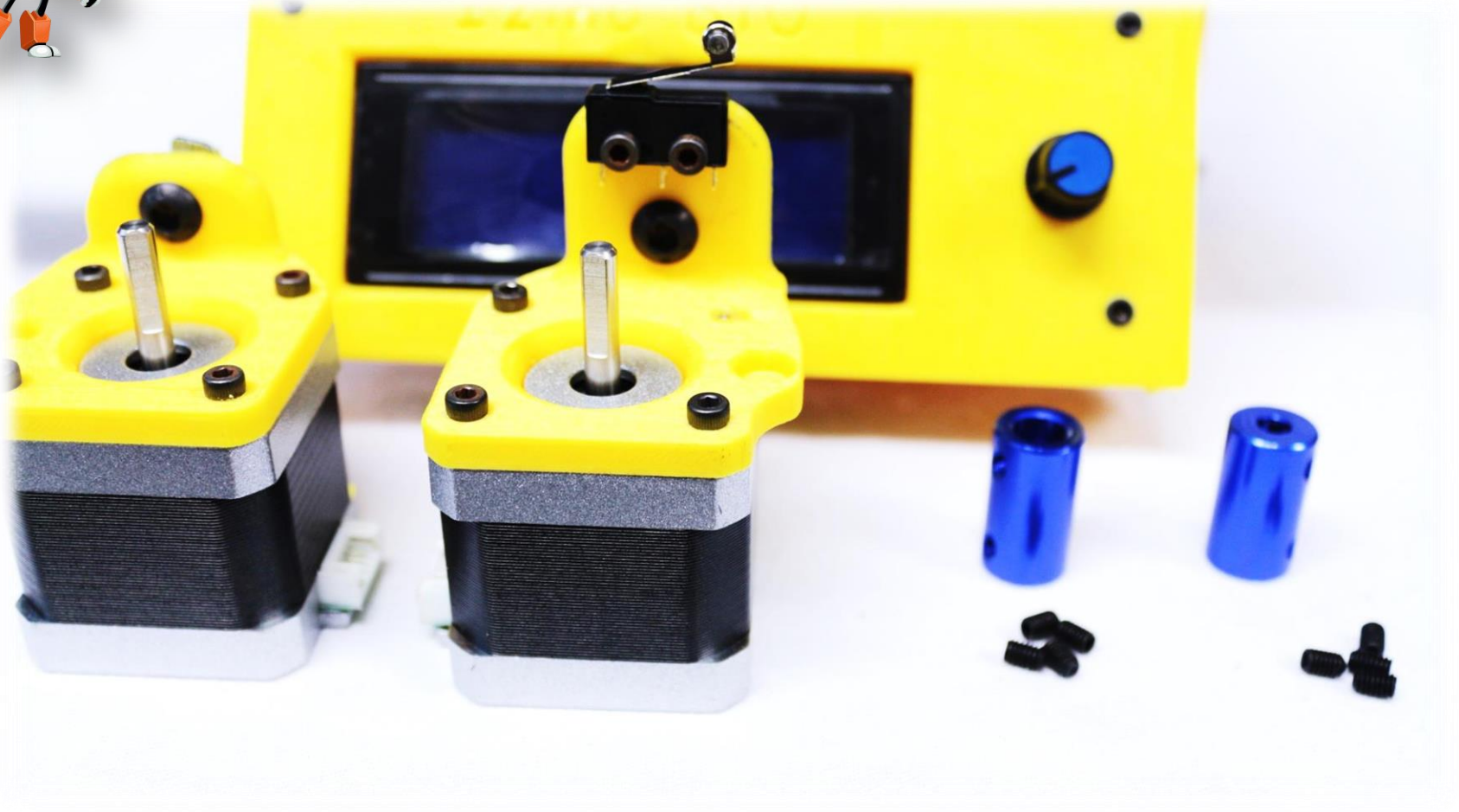
LCD Tutucusunun İskelete Montajı



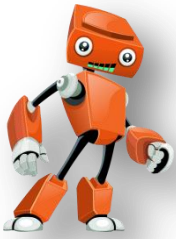


Adım 19

Z Eksen Motor Tutucuların İskelete Montajı

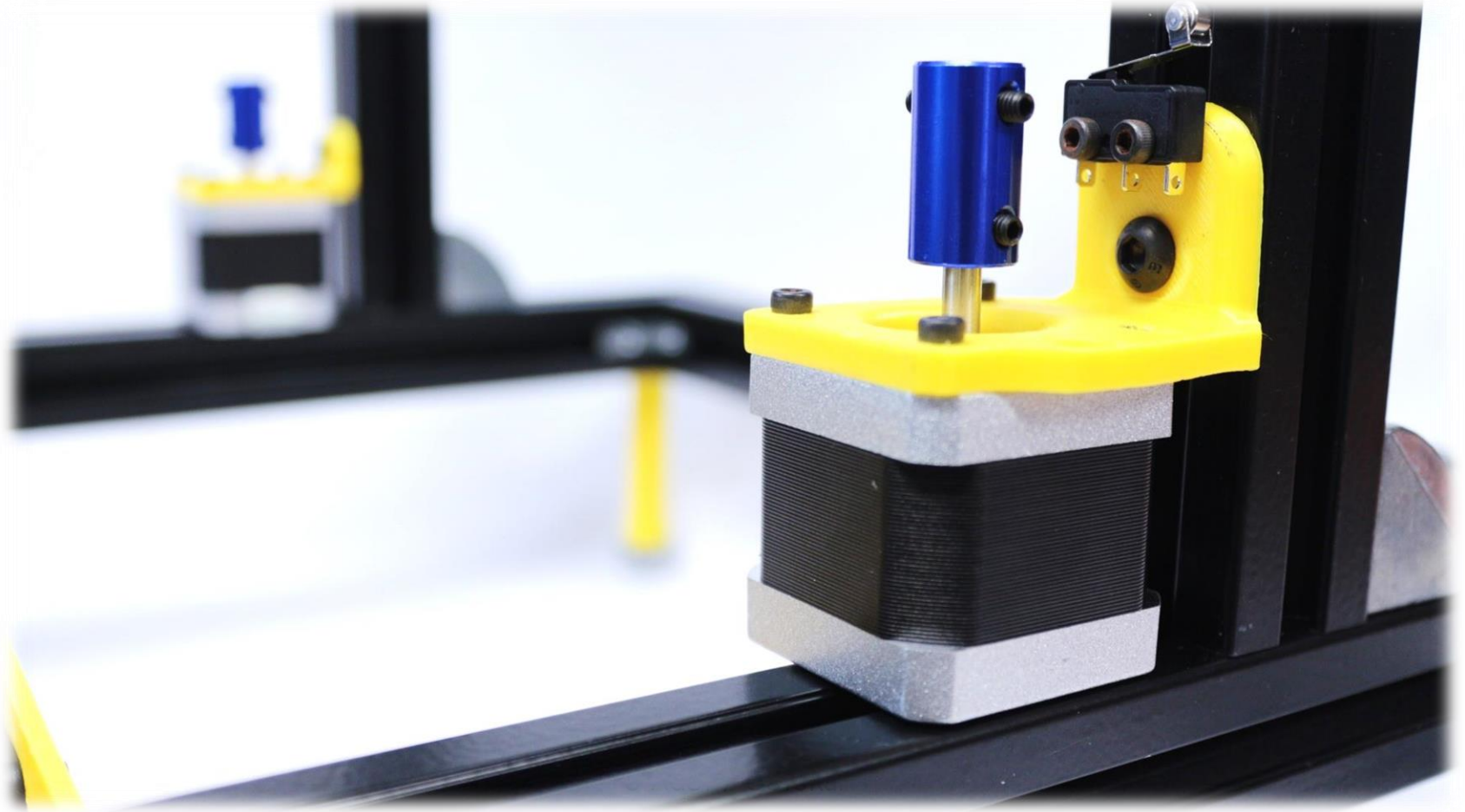


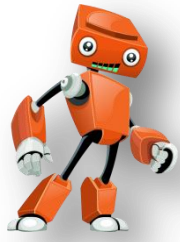
2 Adet / 5x8 Kaplin
8 Adet / Setskur



Adım 19

Z Eksen Motor Tutucuların İskelete Montajı

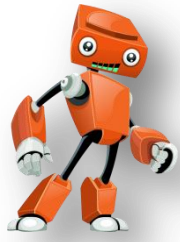




Adım 20

Güç Girişinin İskelete Montajı

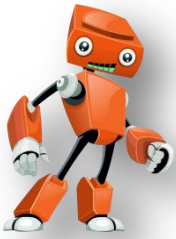




Adım 20

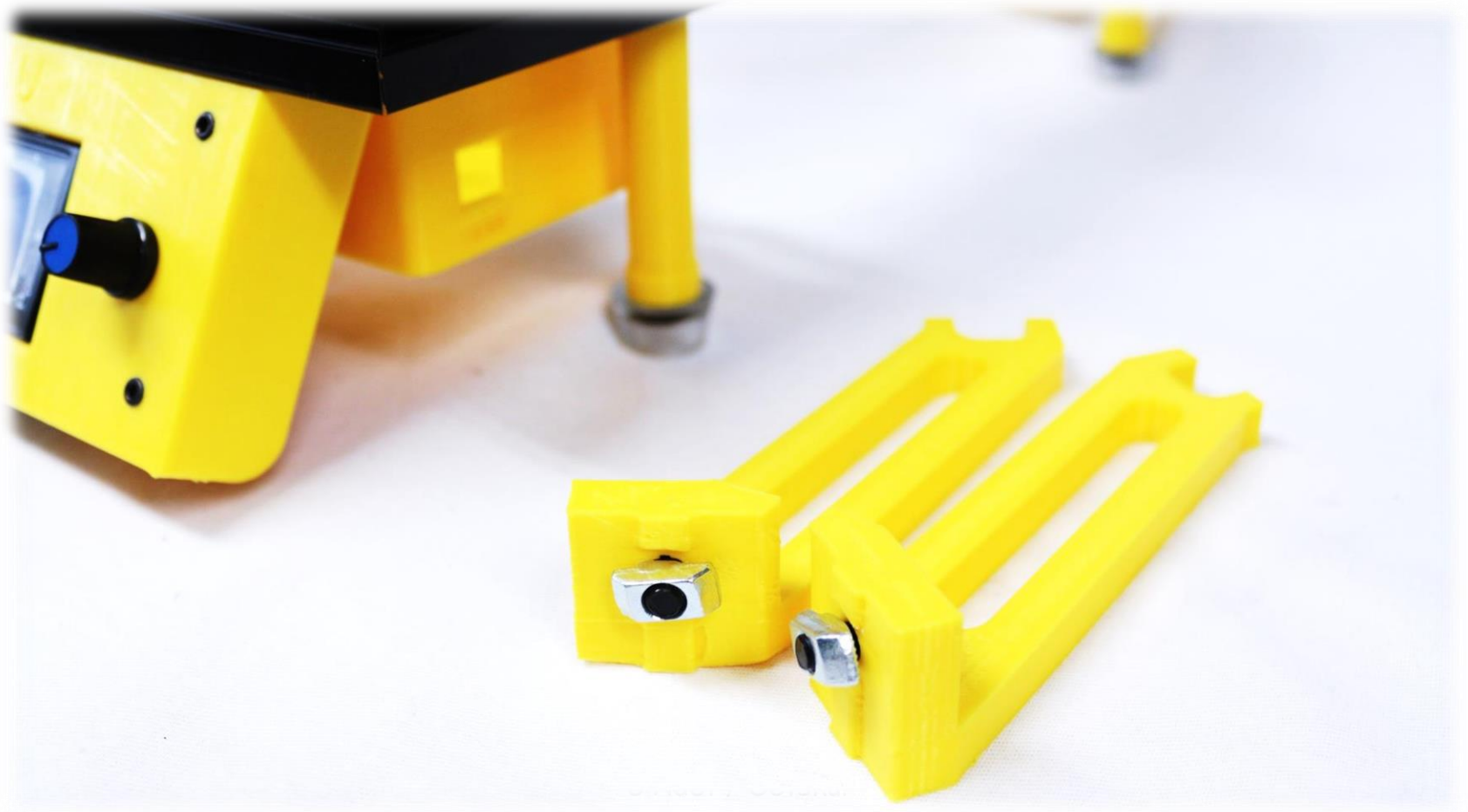
Güç Girişinin İskelete Montajı

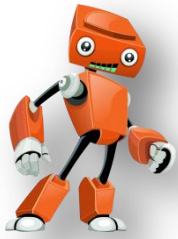




Adım 21

Filament Tutucuların İskelete Montajı

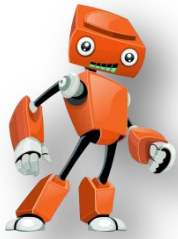




Adım 21

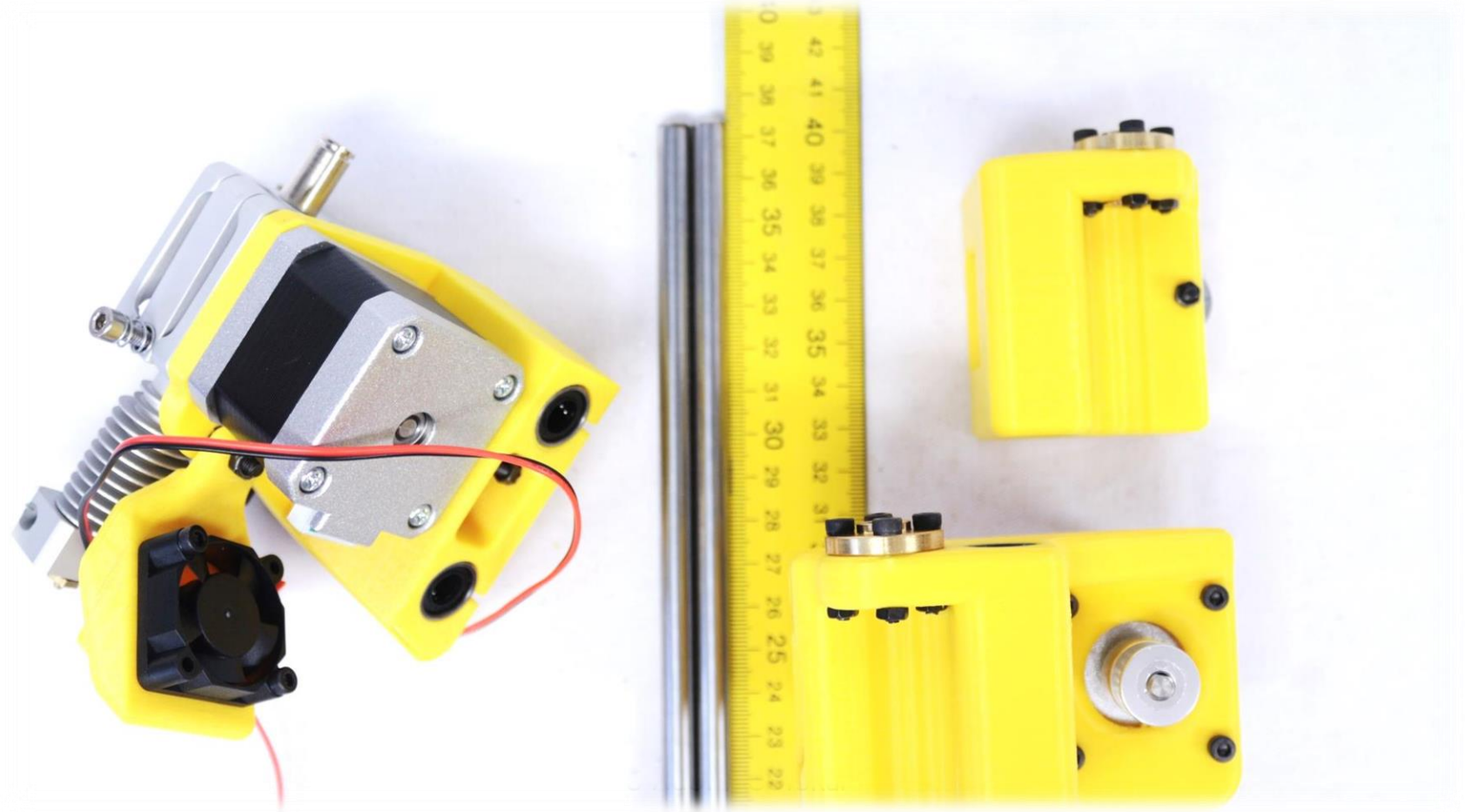
Filament Tutucuların İskelete Montajı





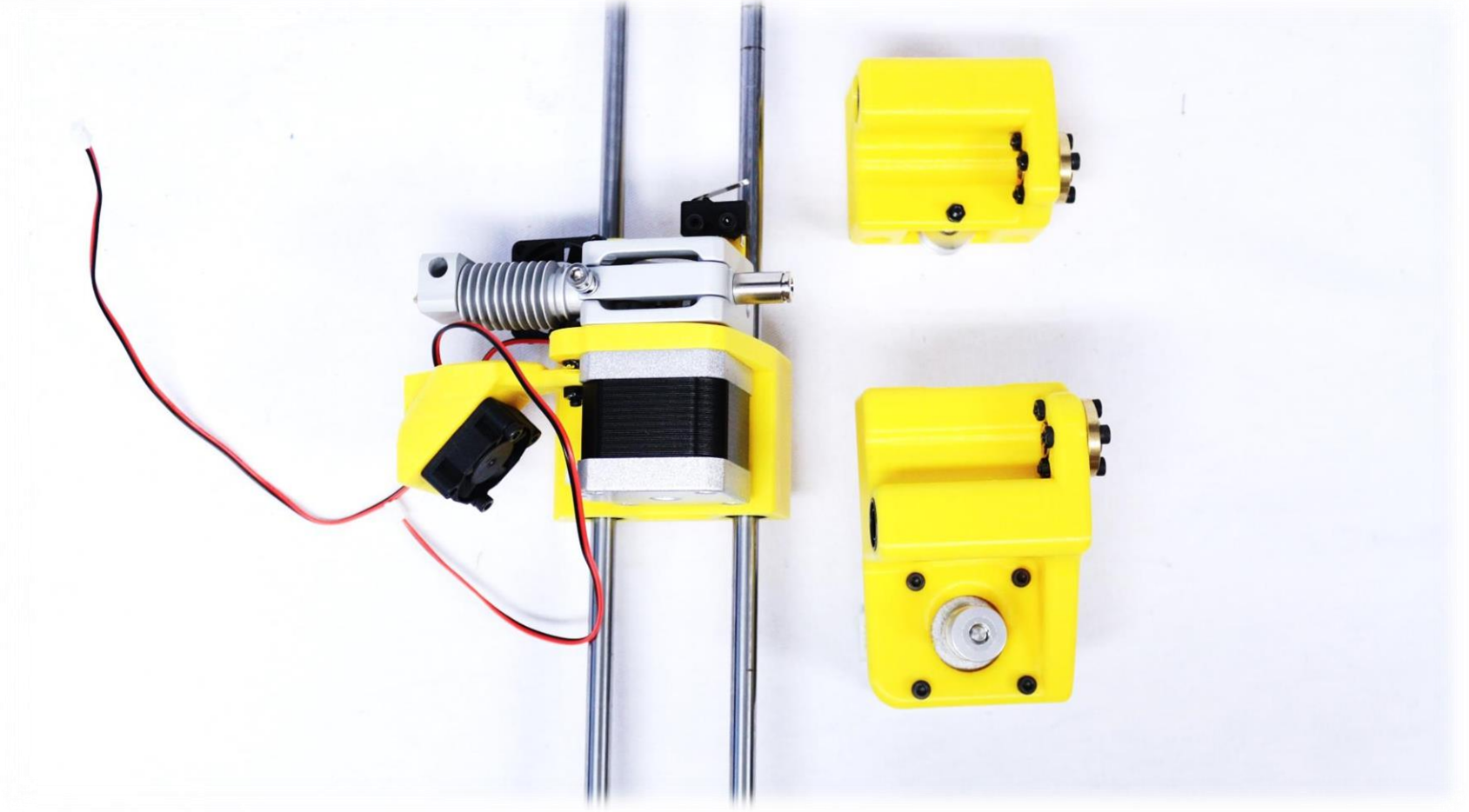
Adım 22

X Ekseninin Montajı



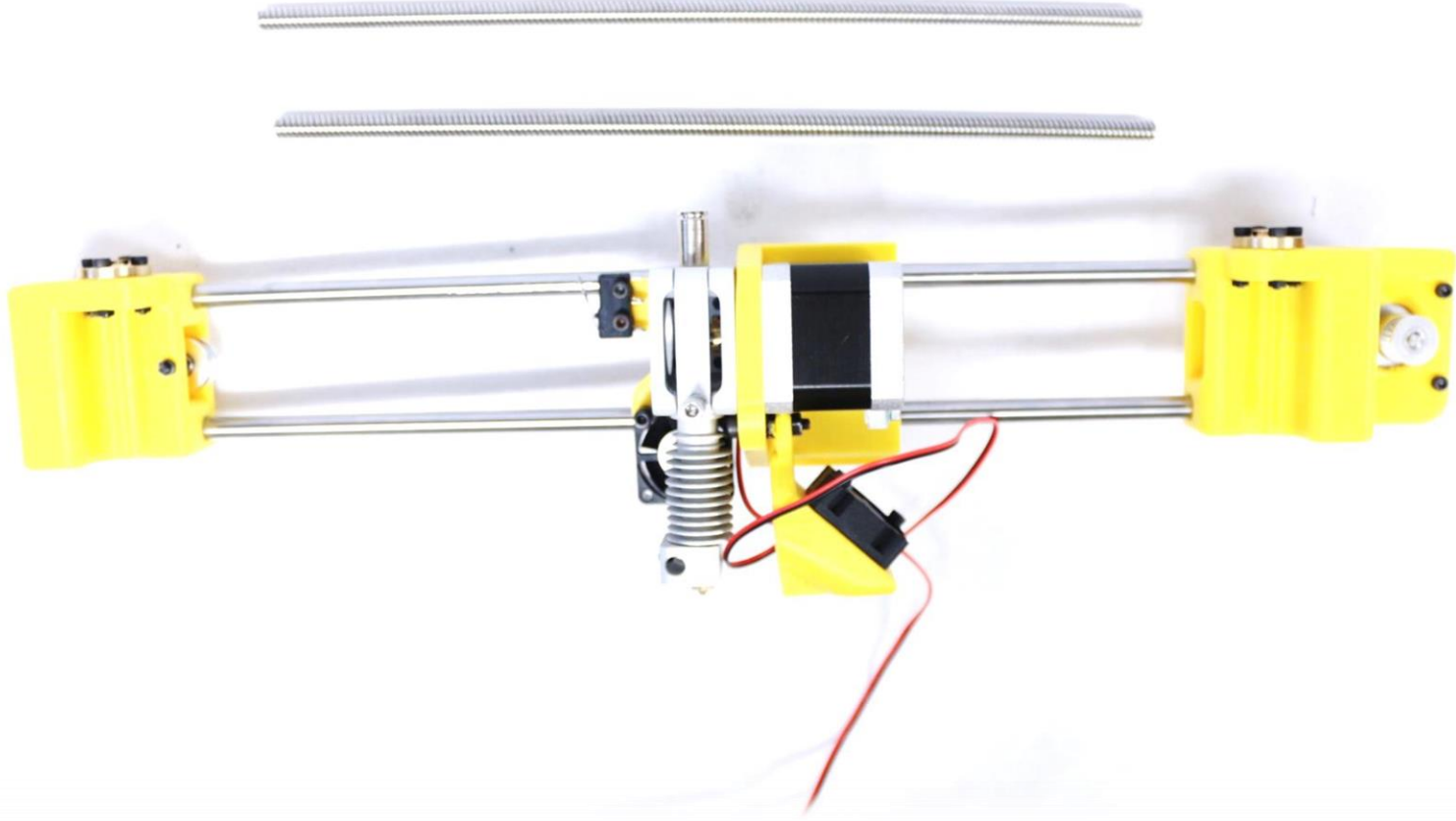
Adım 22

X Ekseninin Montajı



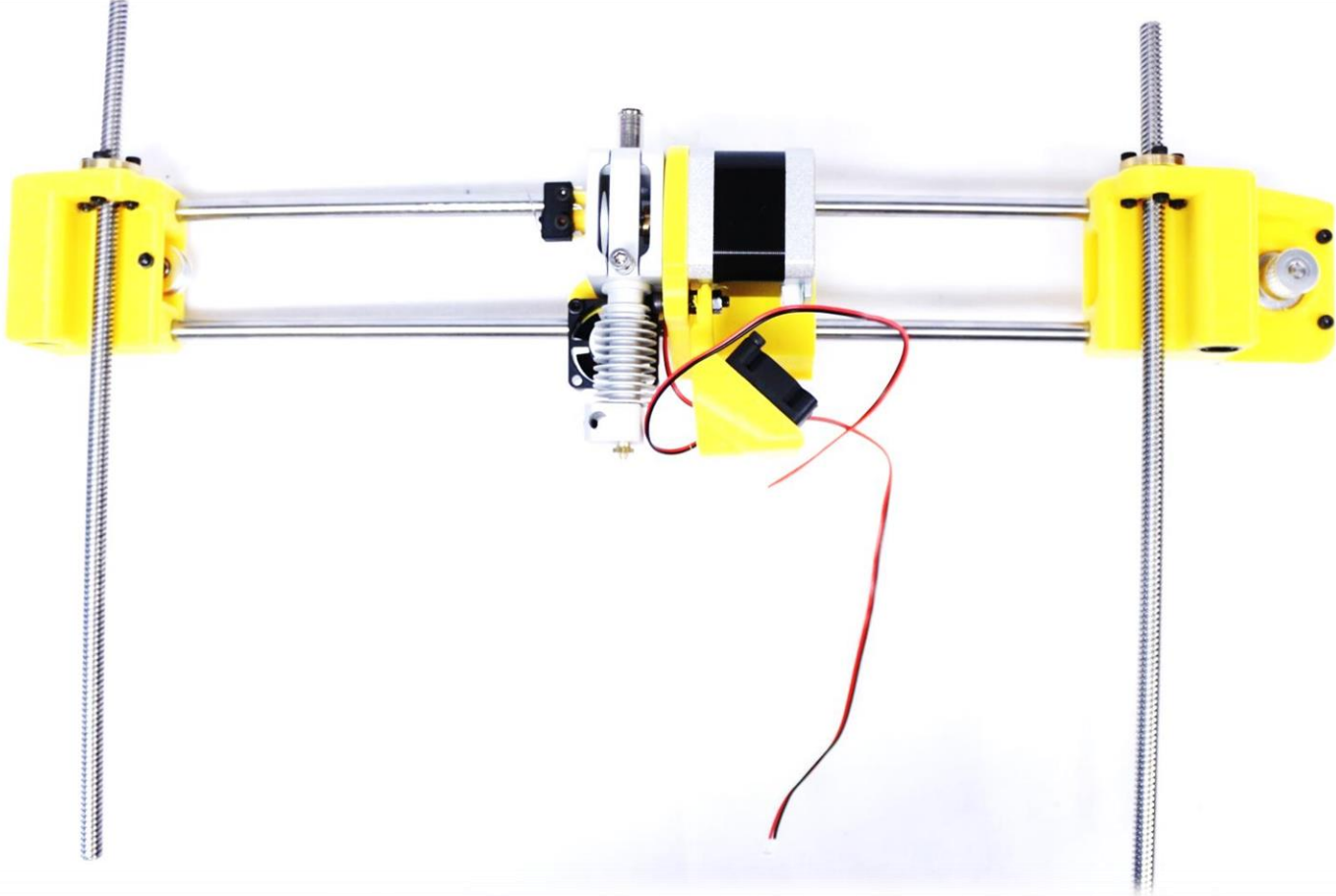
Adım 23

Z Ekseninin Montajı



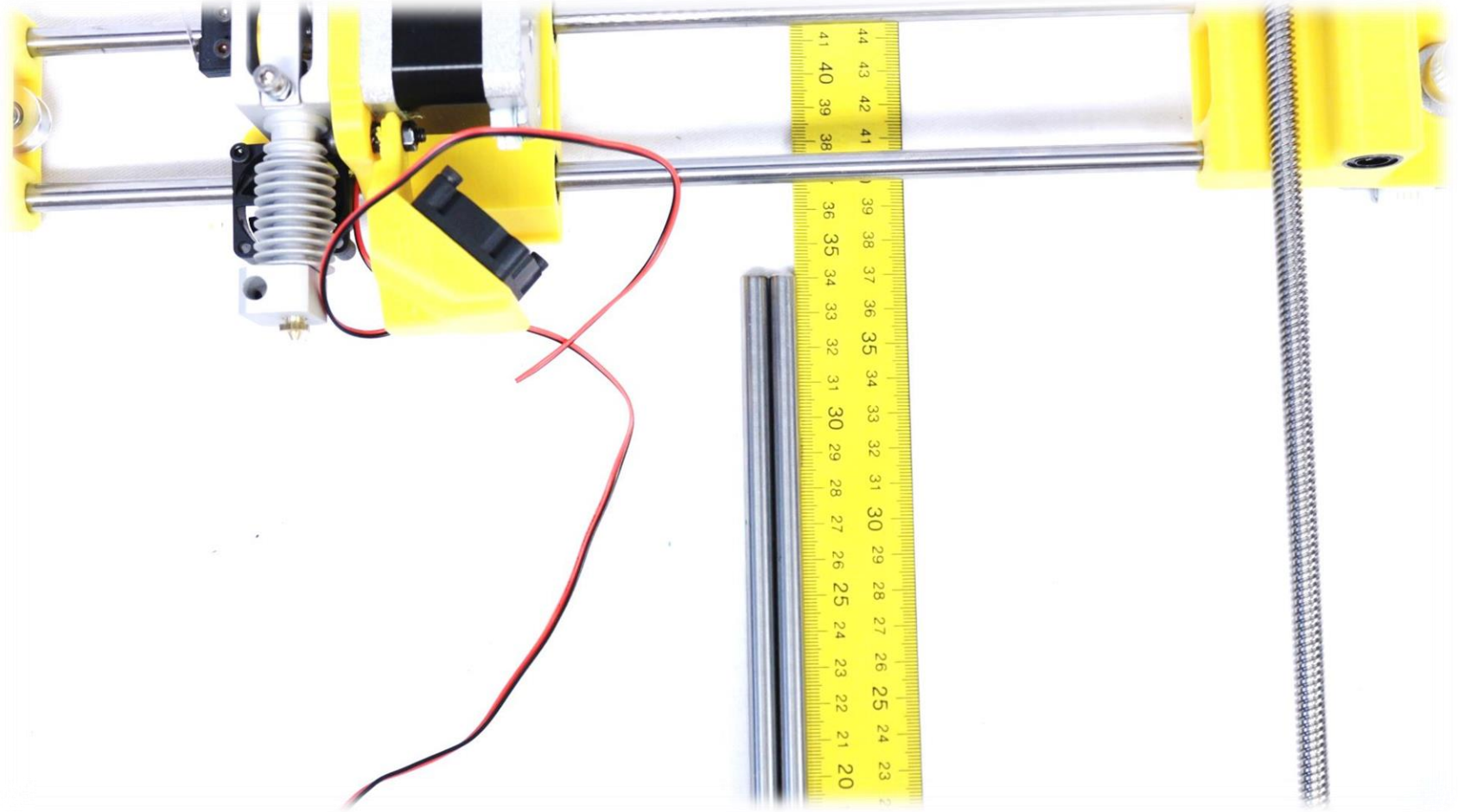
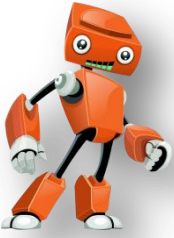
Adım 23

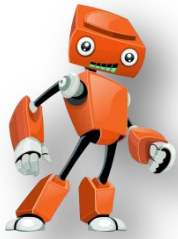
Z Ekseninin Montajı



Adım 23

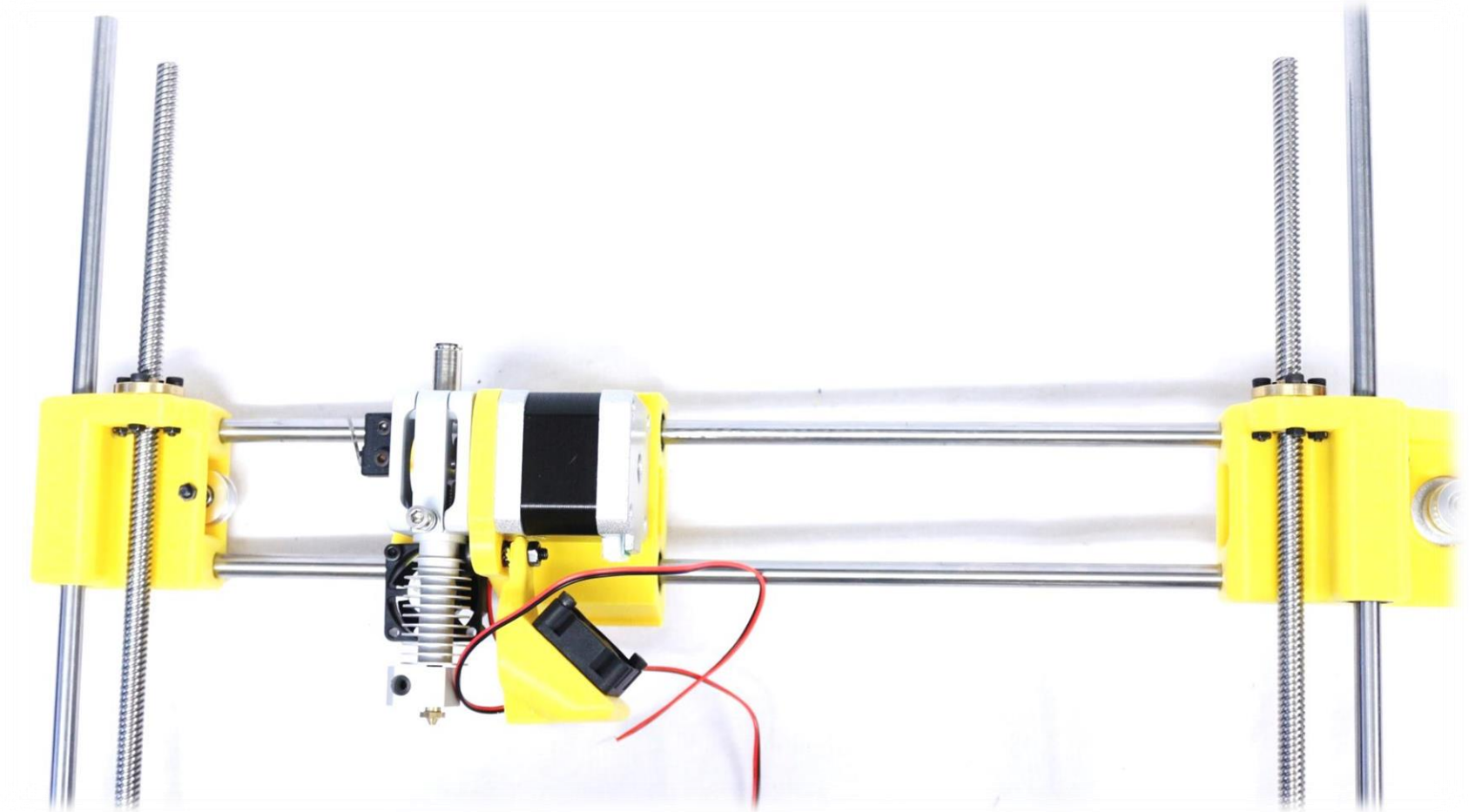
Z Ekseninin Montajı

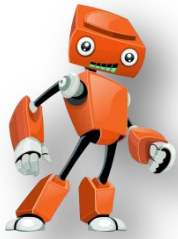




Adım 23

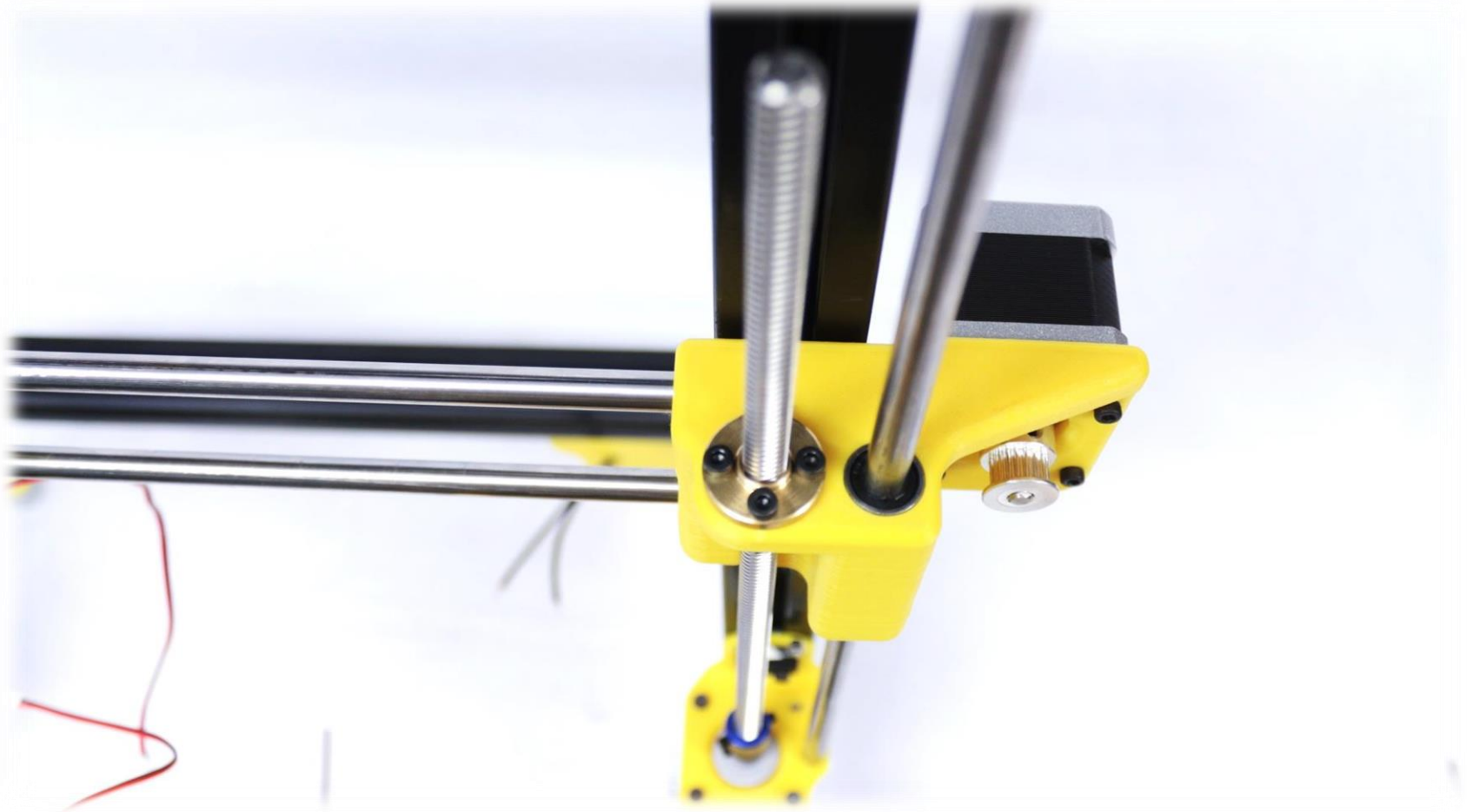
Z Ekseninin Montajı

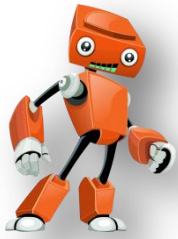




Adım 23

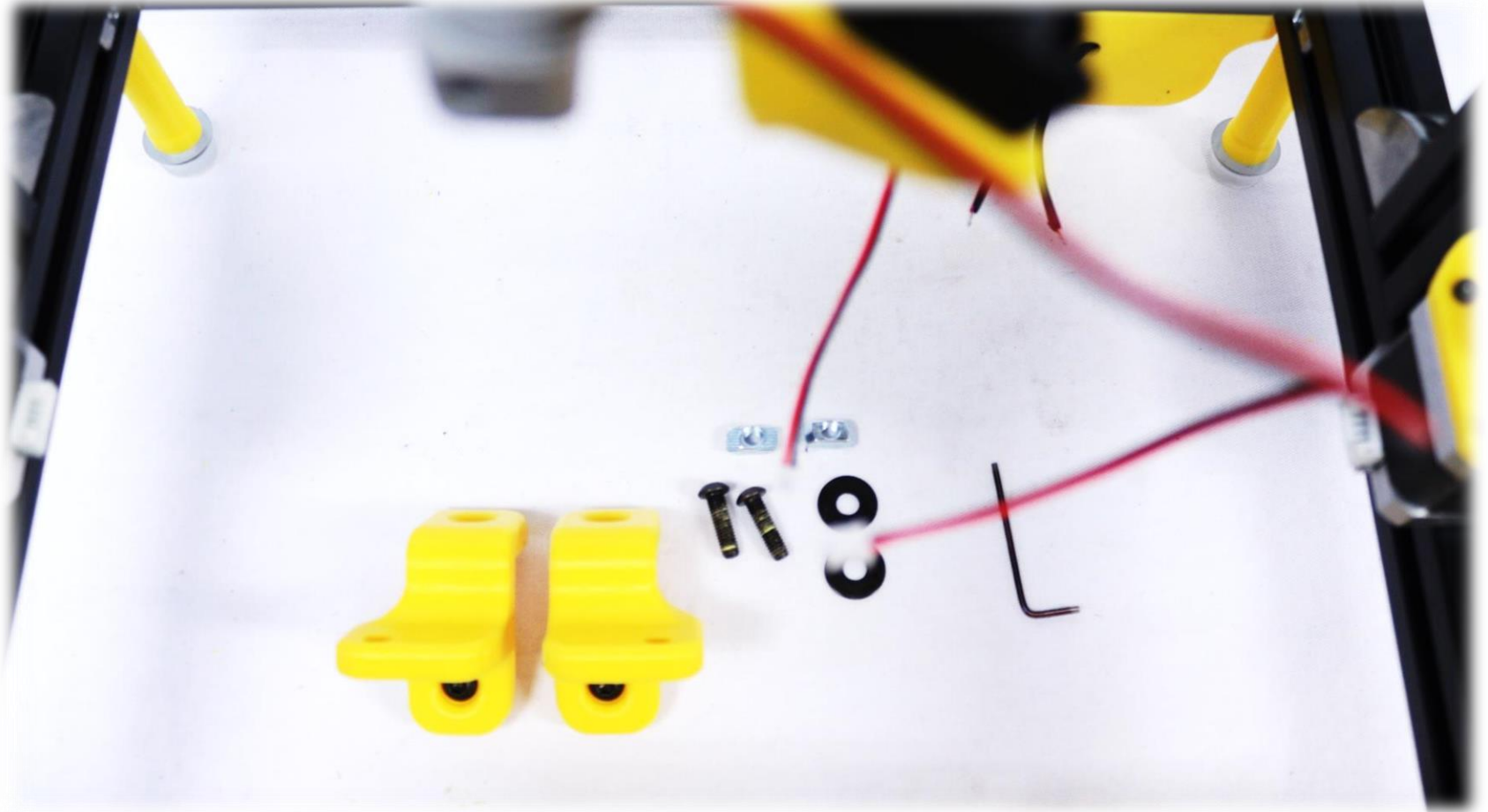
Z Ekseninin Montajı

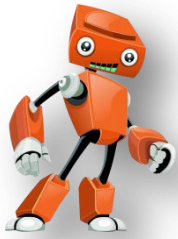




Adım 23

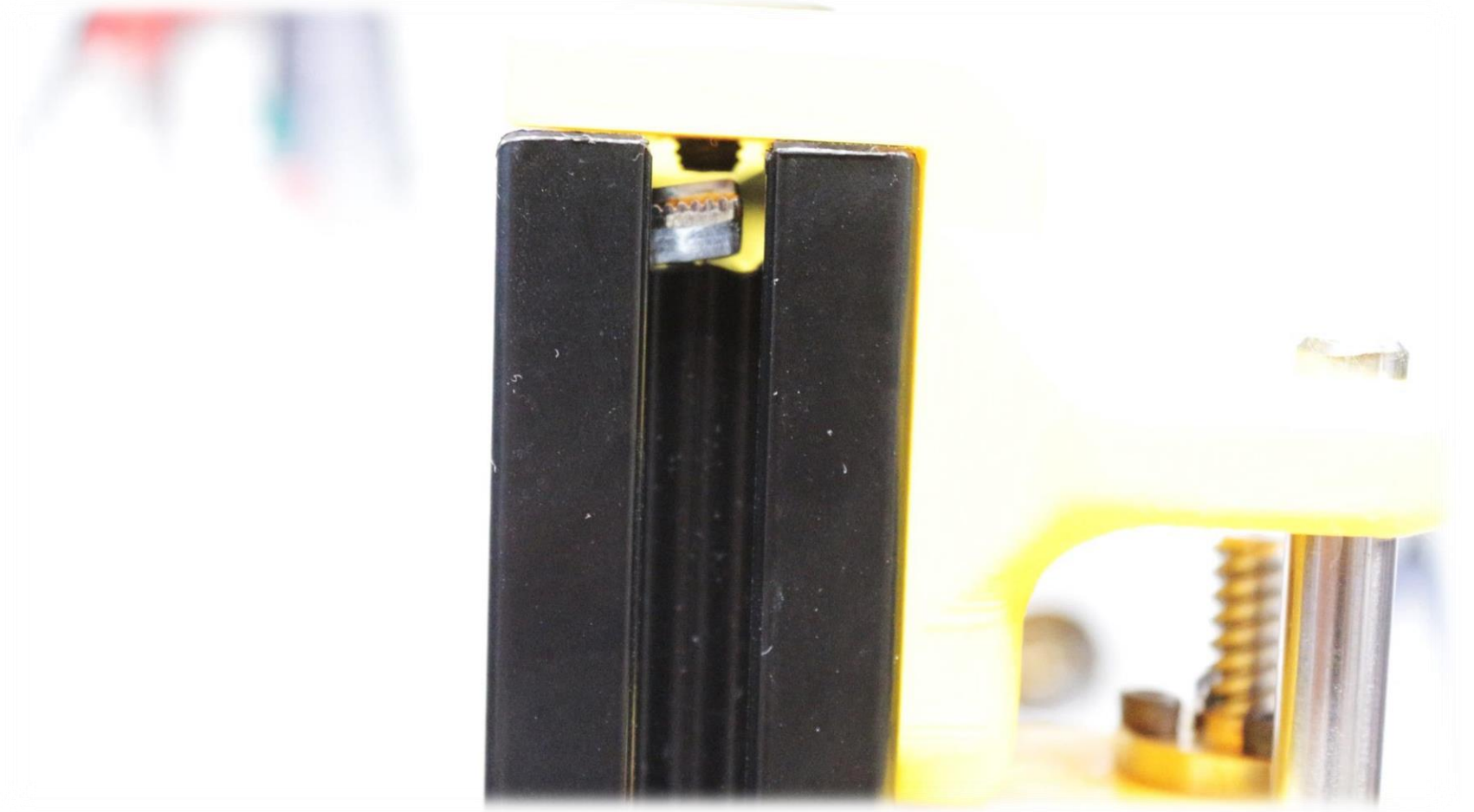
Z Ekseninin Montajı

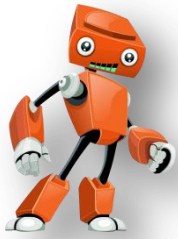




Adım 23

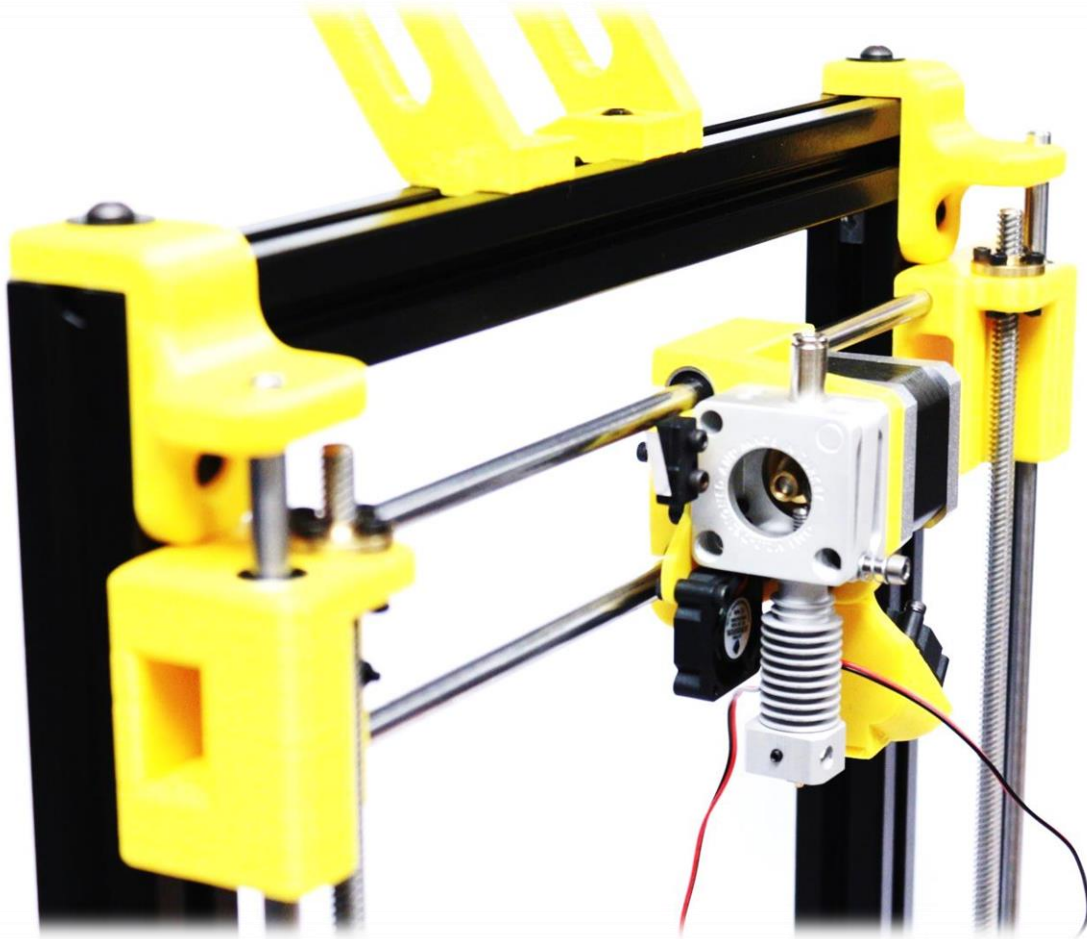
Z Ekseninin Montajı

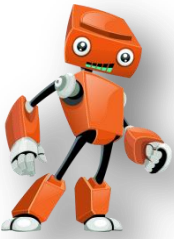




Adım 23

Z Ekseninin Montajı

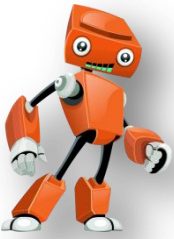




Adım 24

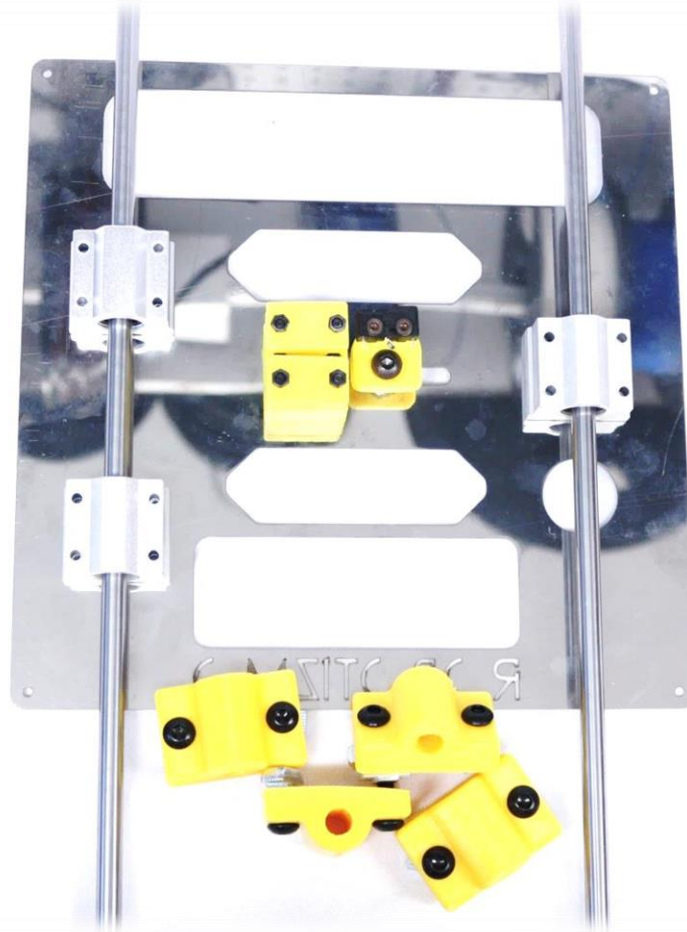
Tablanın İskelete Montajı

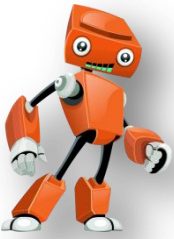




Adım 24

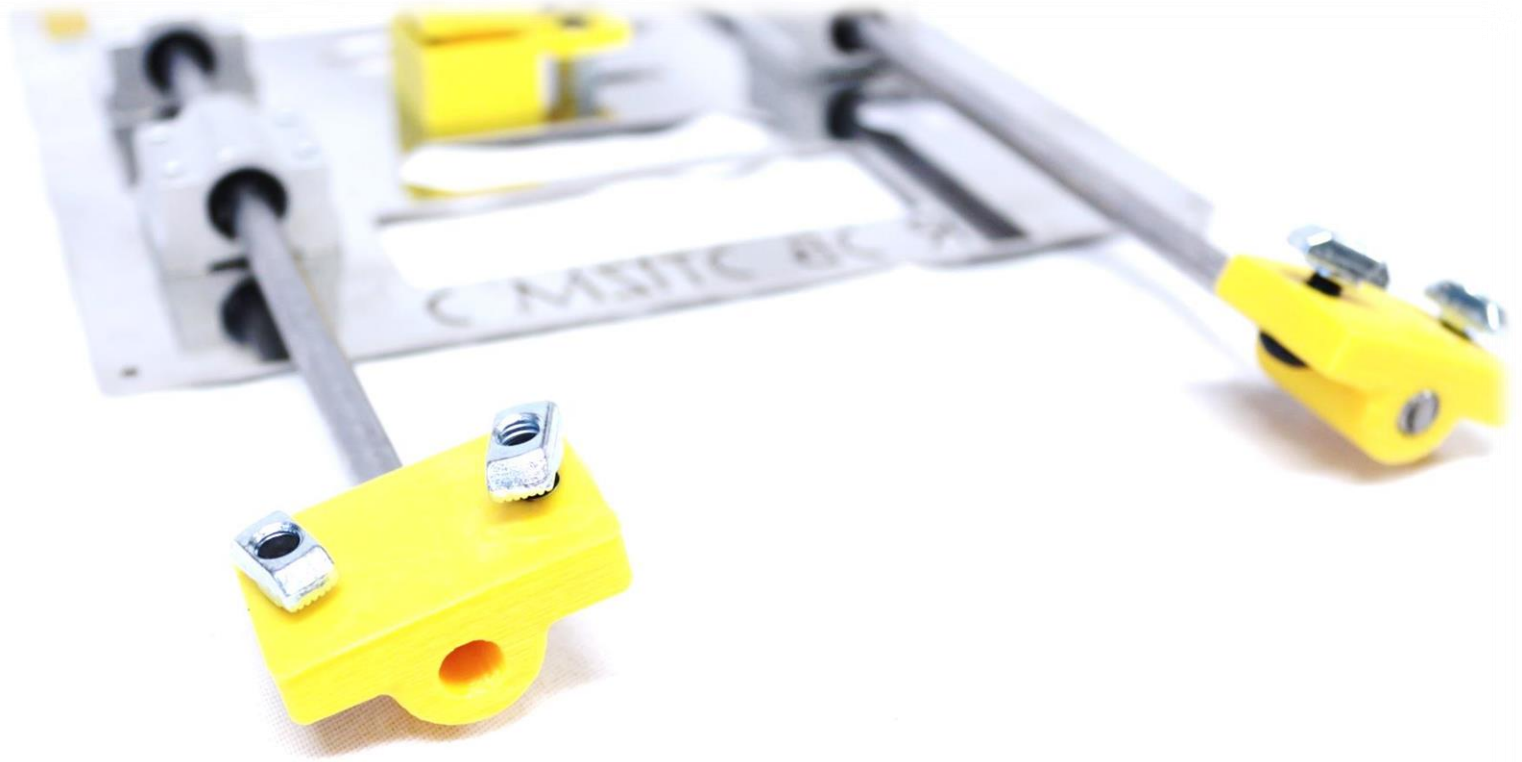
Tablanın İskelete Montajı

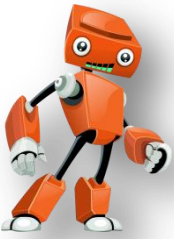




Adım 24

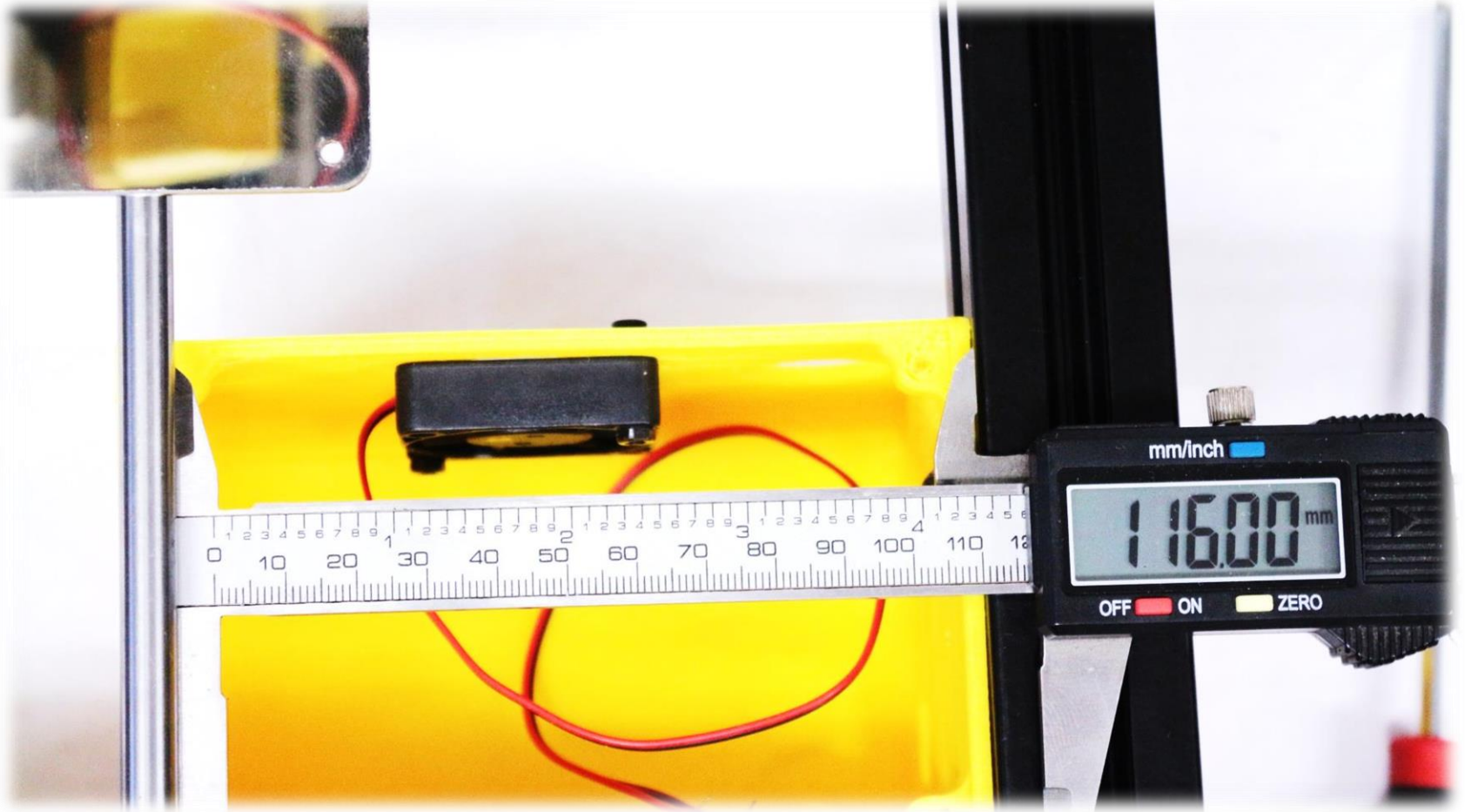
Tablanın İskelete Montajı





Adım 24

Tablanın İskelete Montajı

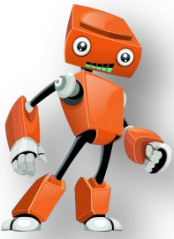




Adım 24

Tablanın İskelete Montajı

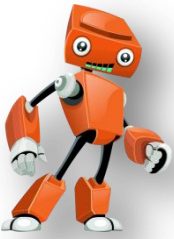




Adım 24

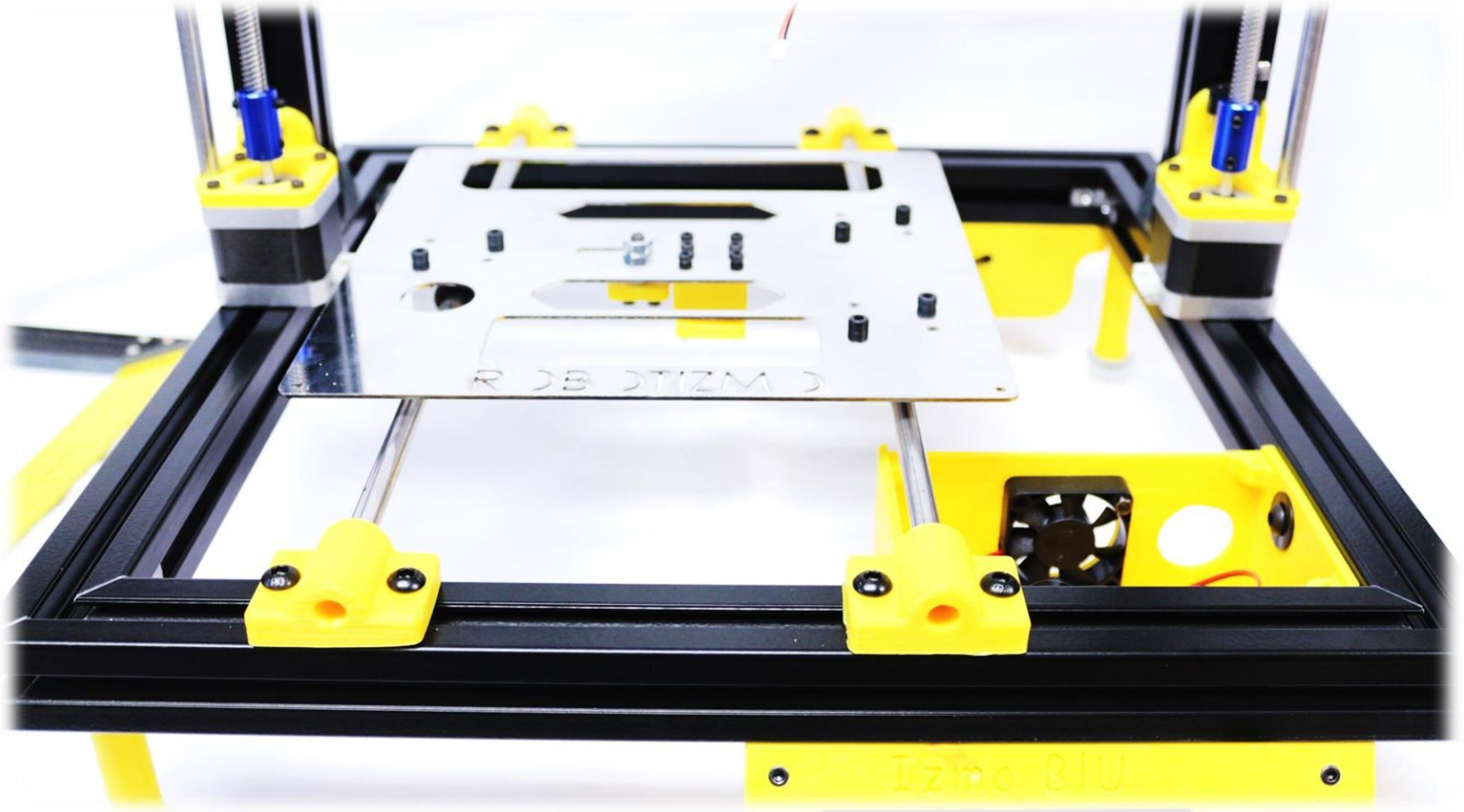
Tablanın İskelete Montajı

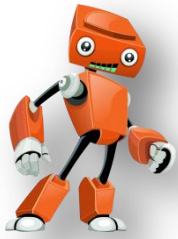




Adım 24

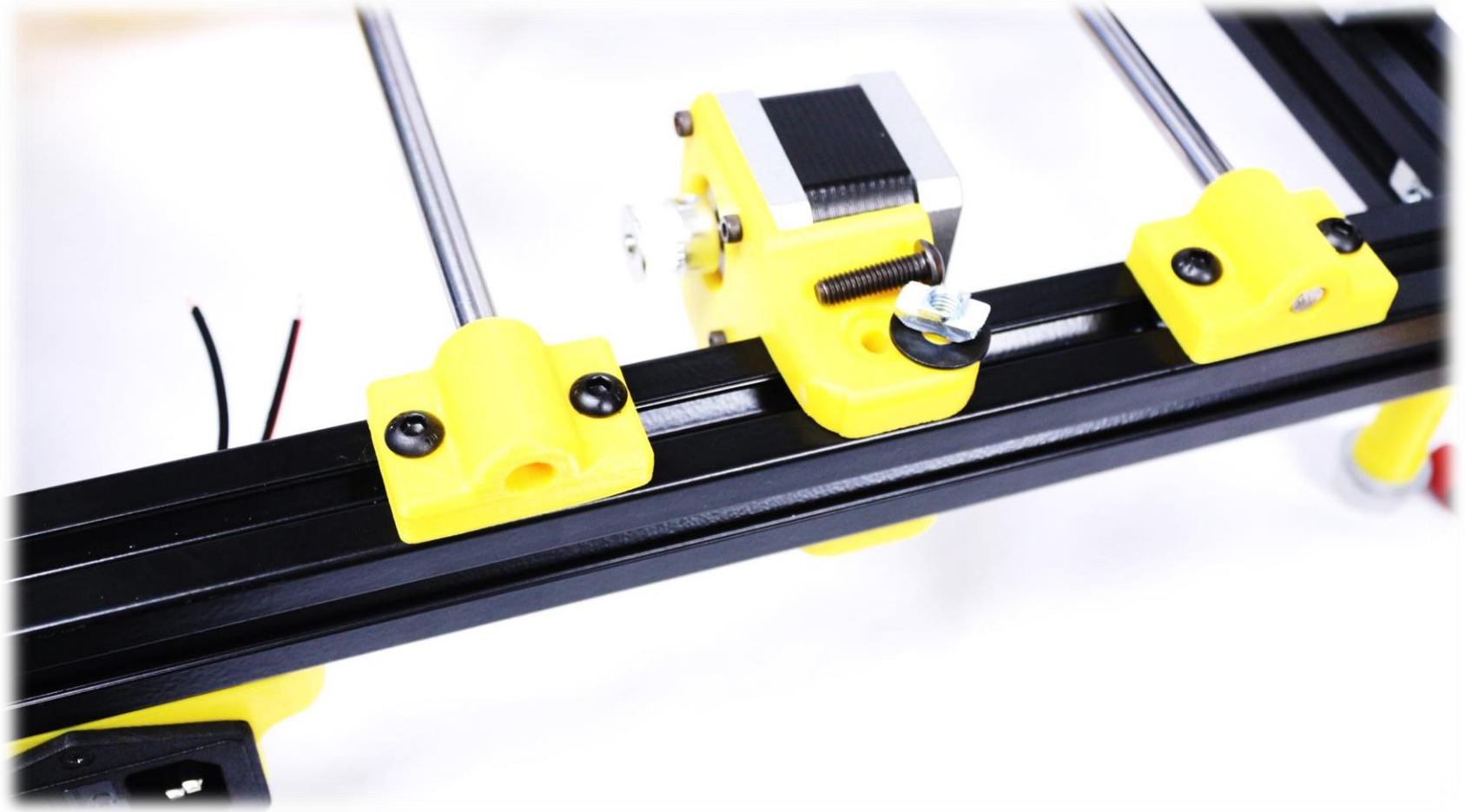
Tablanın İskelete Montajı





Adım 25

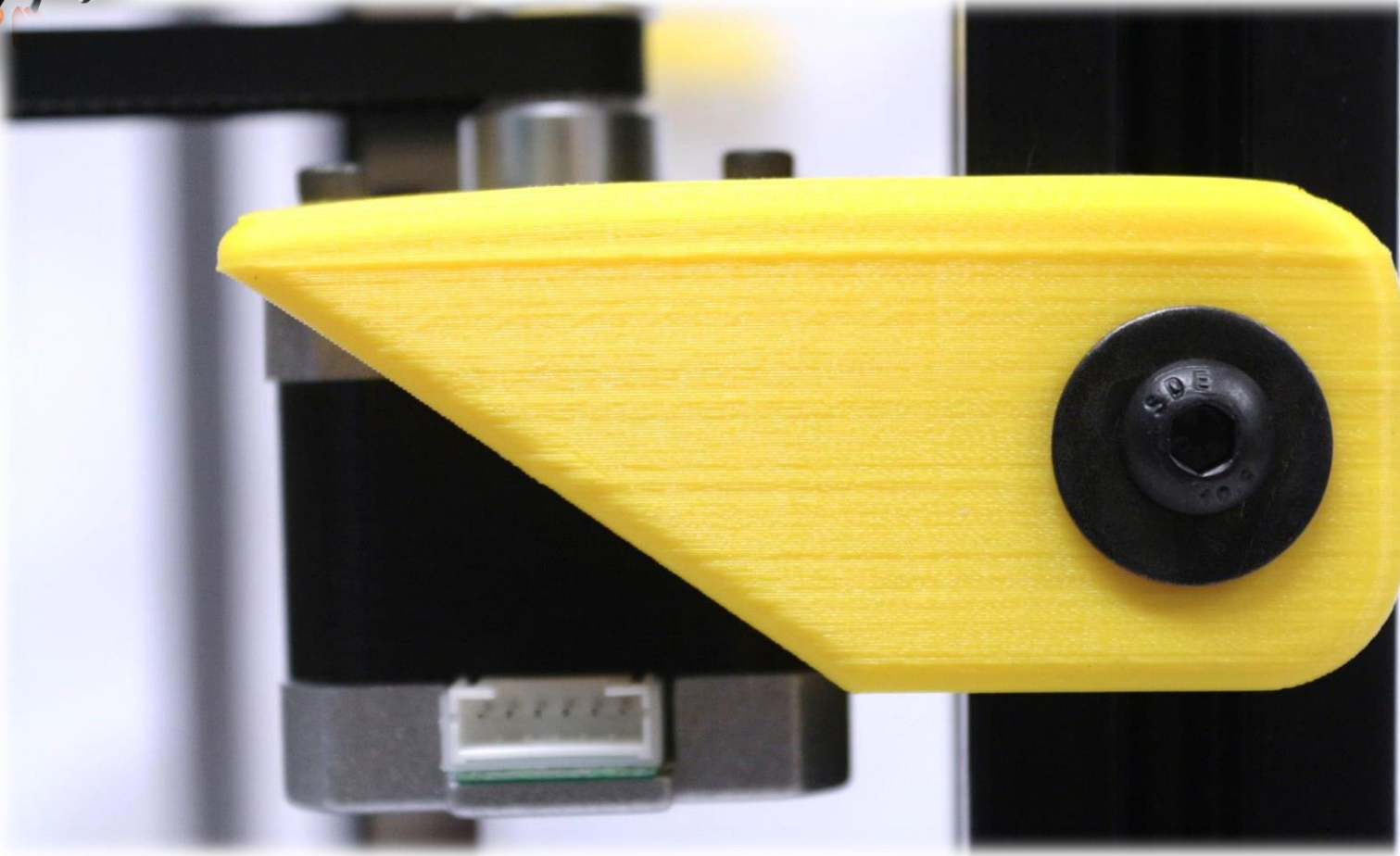
Tabla Motorunun İskelete Montajı



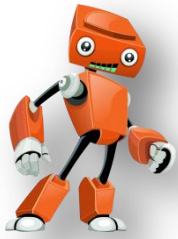


Adım 25

Tabla Motorunun İskelete Montajı

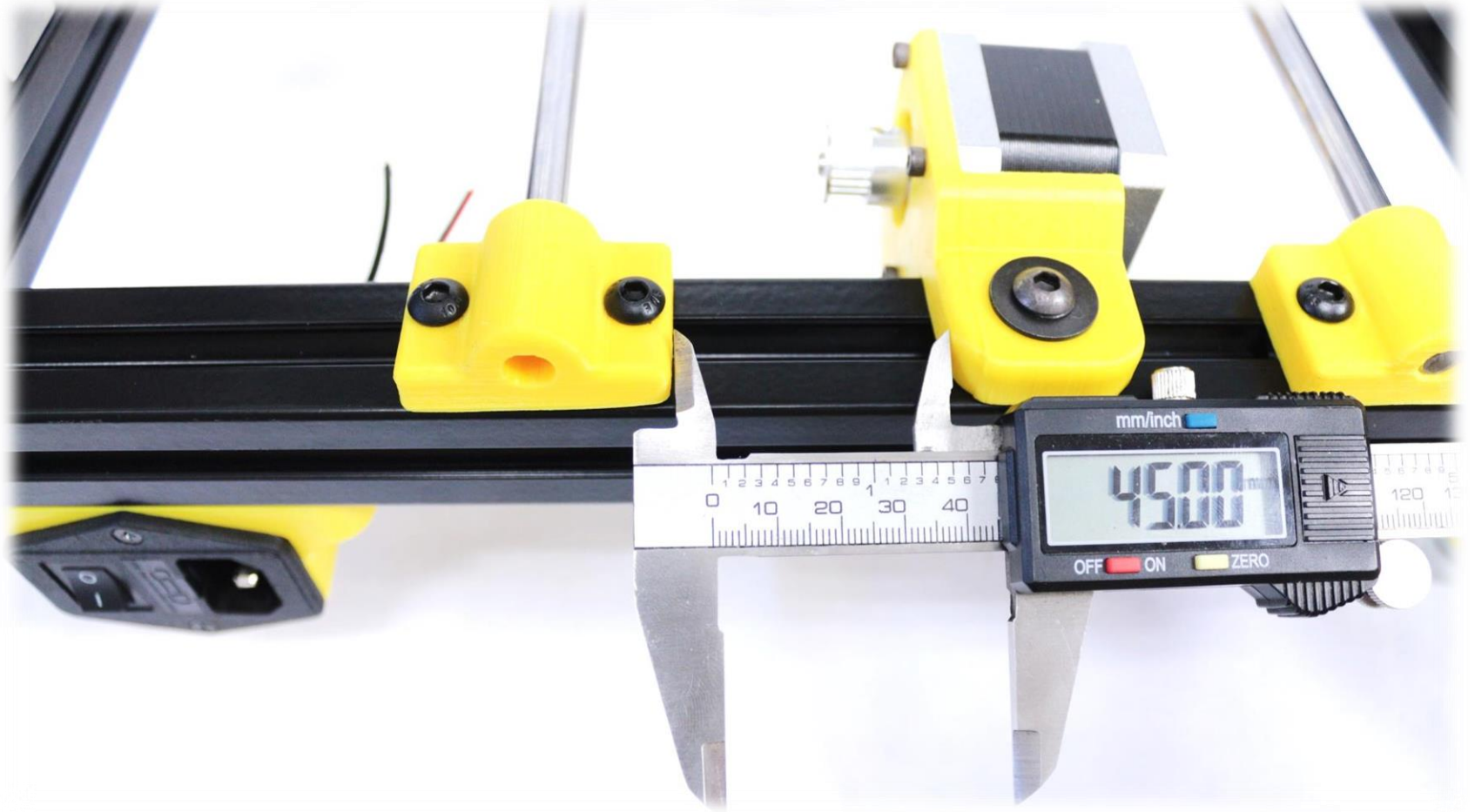


1 Adet / M6x16 BB İmbus Vida
1 Adet / 7,19 Pul
1 Adet / M6 Kanal Somun



Adım 25

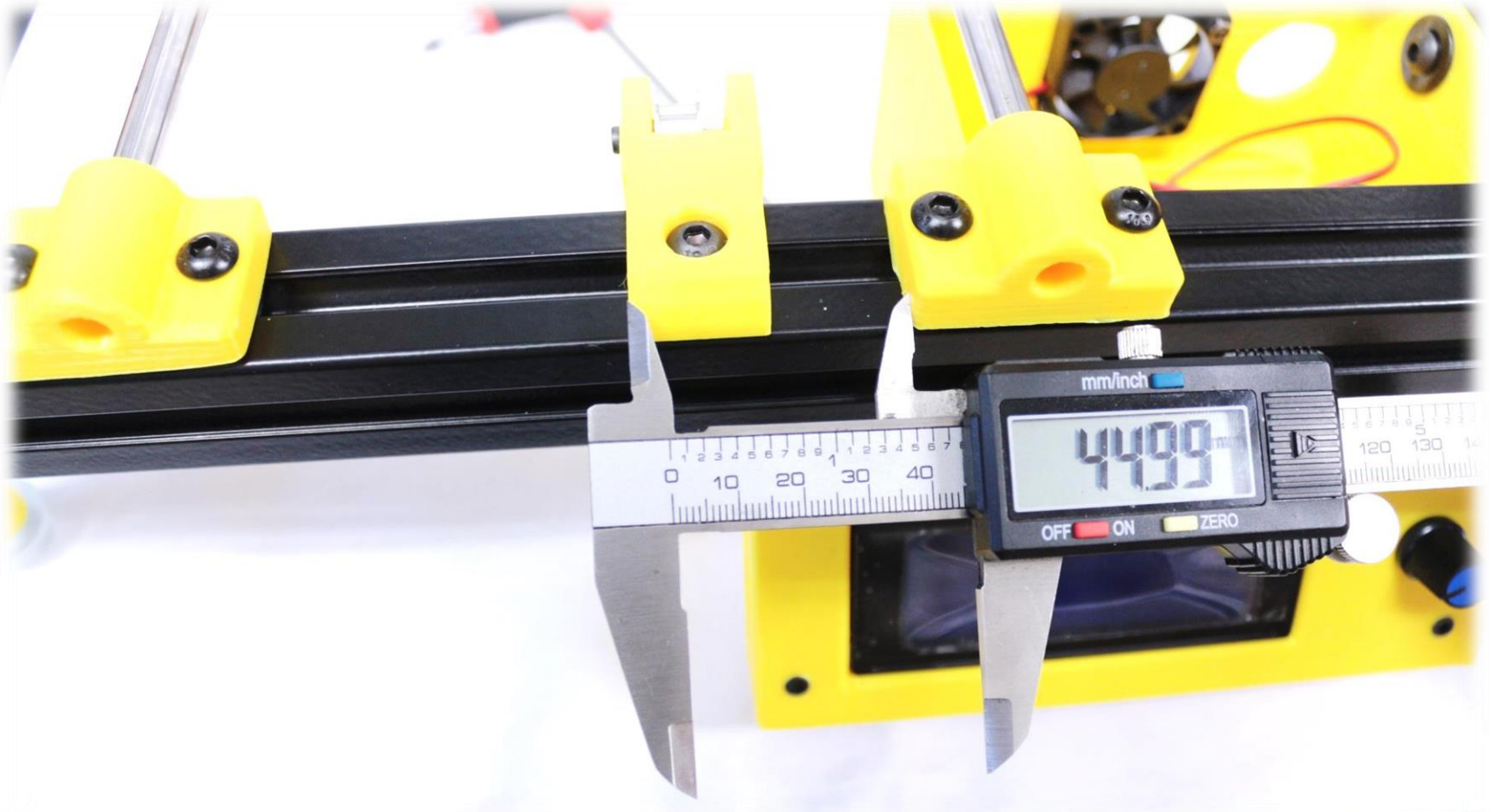
Tabla Motorunun İskelete Montajı

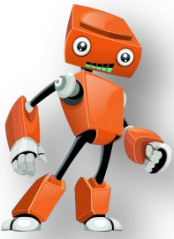




Adım 26

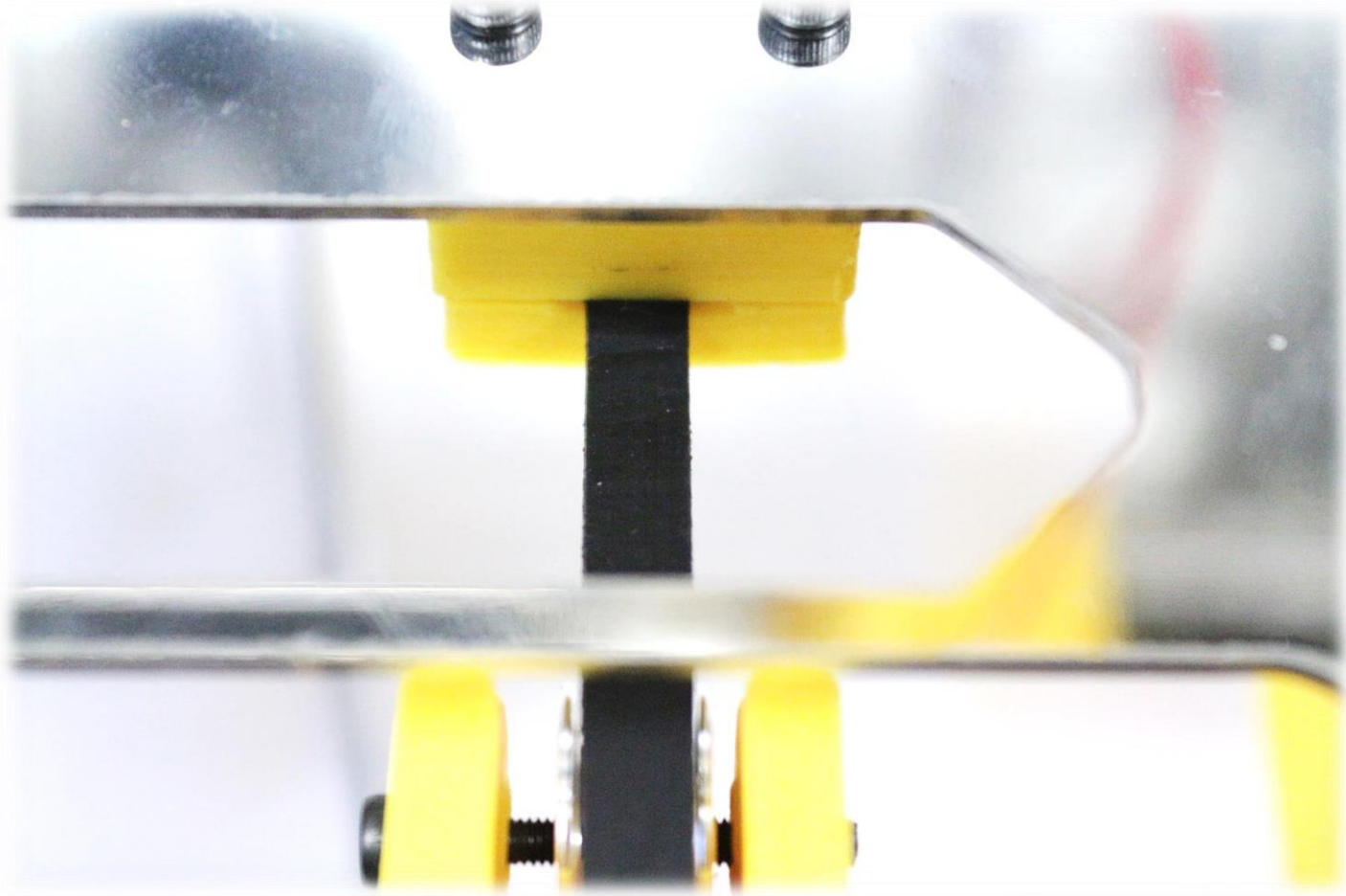
Tabla Kayış Karşılığının İskelete Montajı





Adım 27

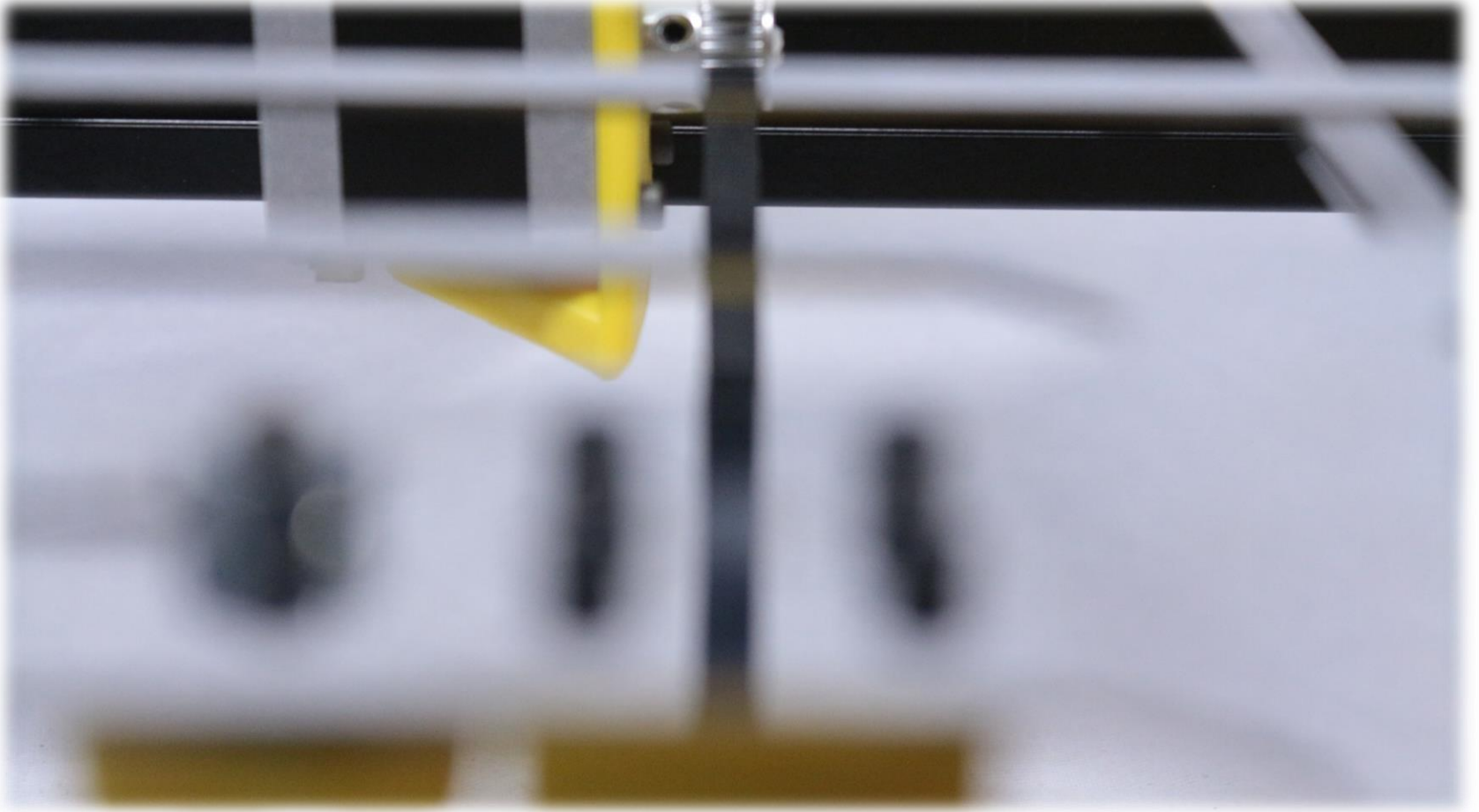
Tabla Kayışının Gerilmesi

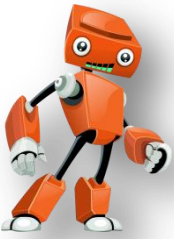




Adım 27

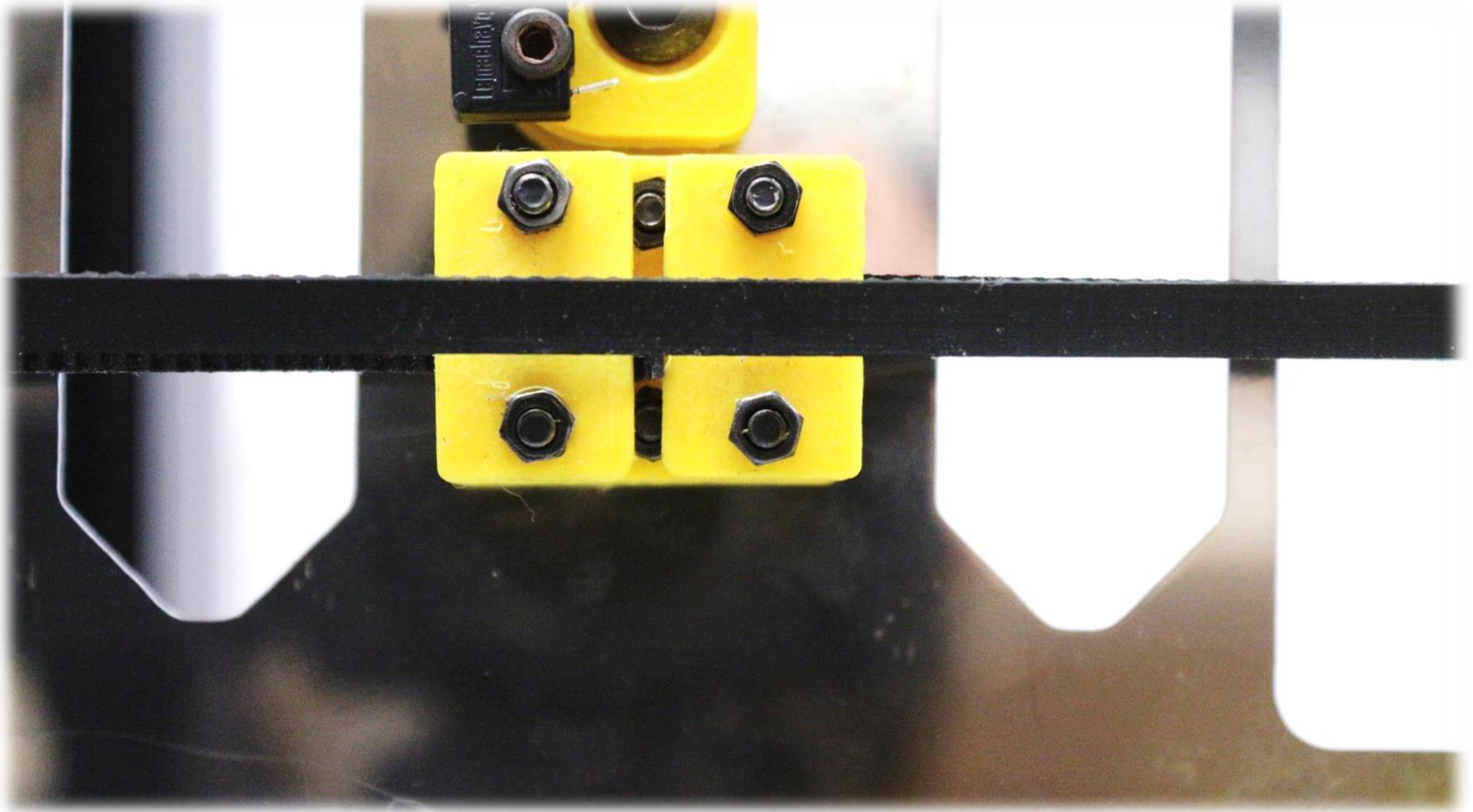
Tabla Kayışının Gerilmesi

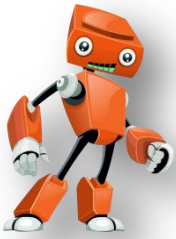




Adım 27

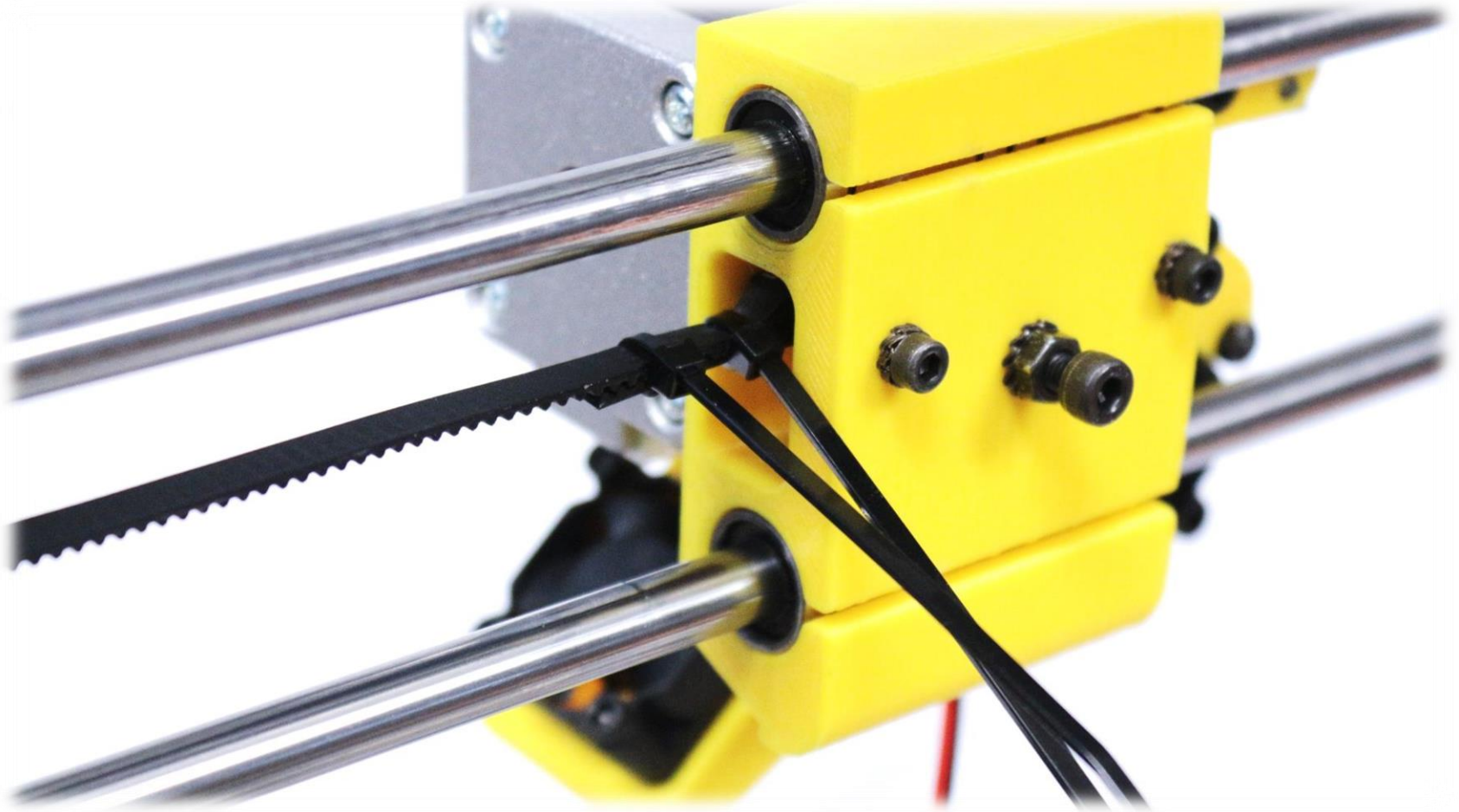
Tabla Kayışının Gerilmesi

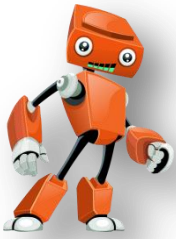




Adım 28

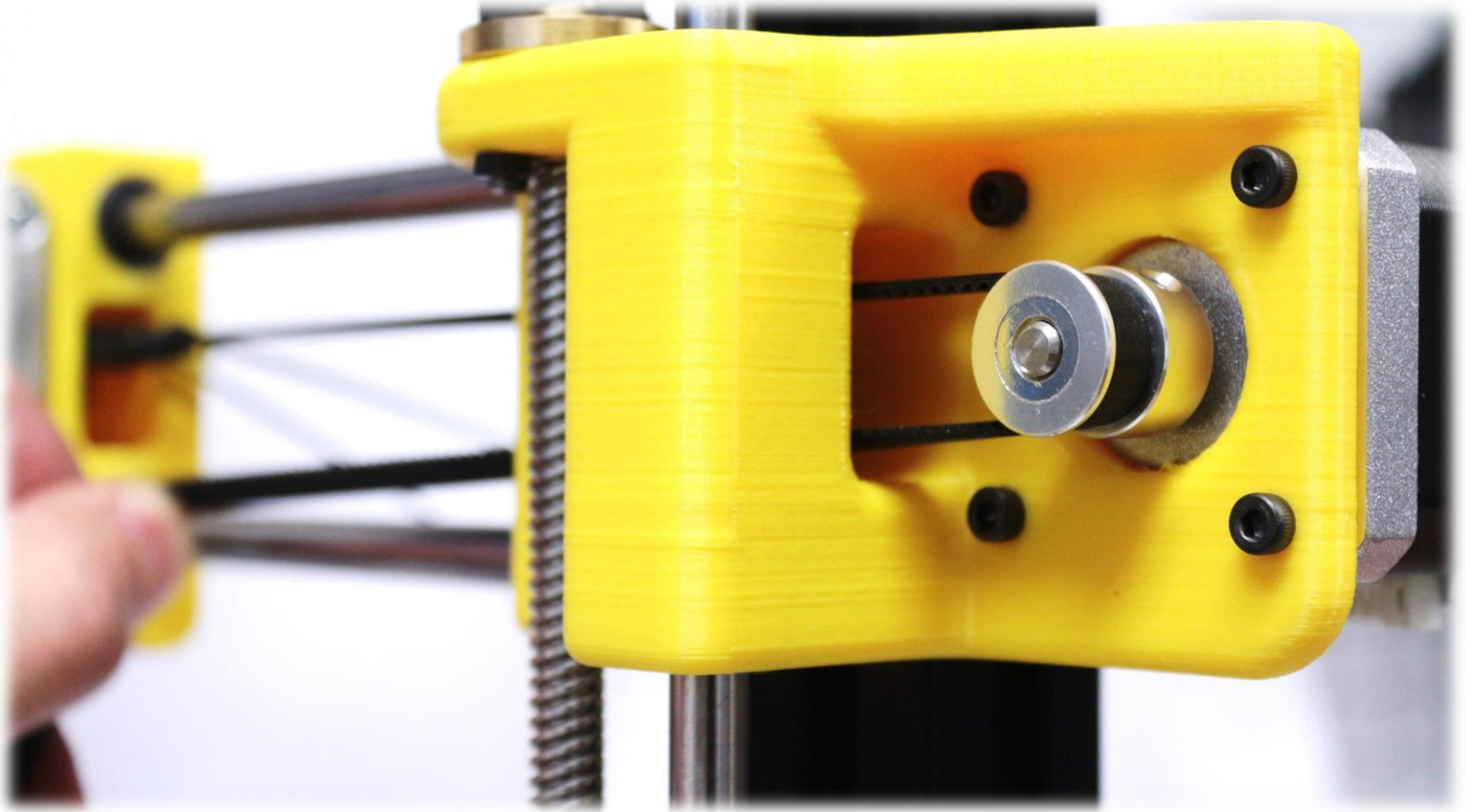
X Eksen Kayışının Gerilmesi





Adım 28

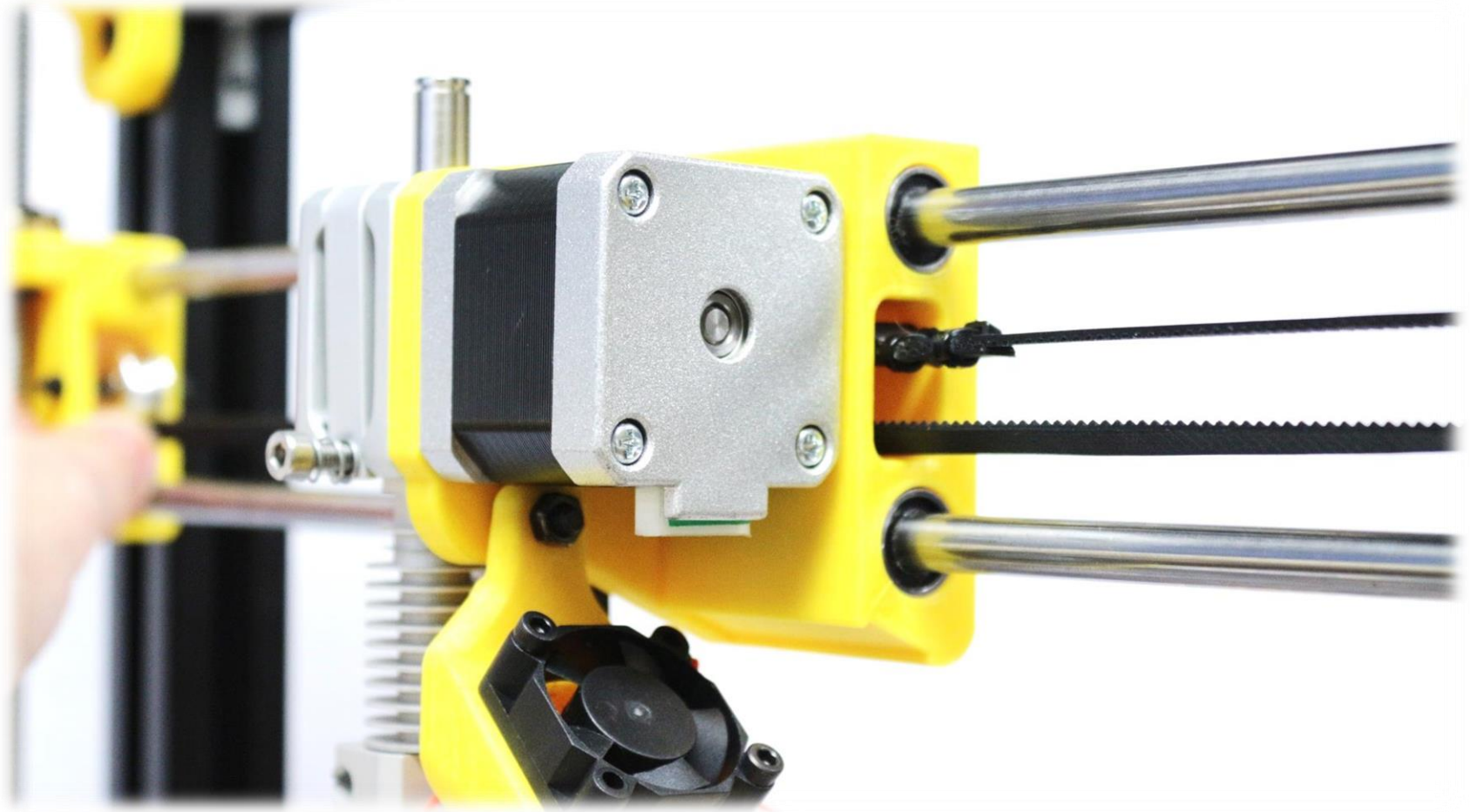
X Eksen Kayışının Gerilmesi

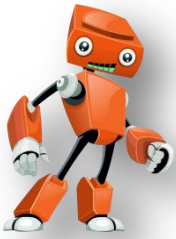




Adım 28

X Eksen Kayışının Gerilmesi

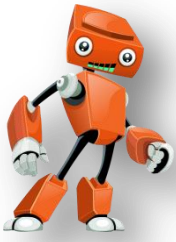




Adım 28

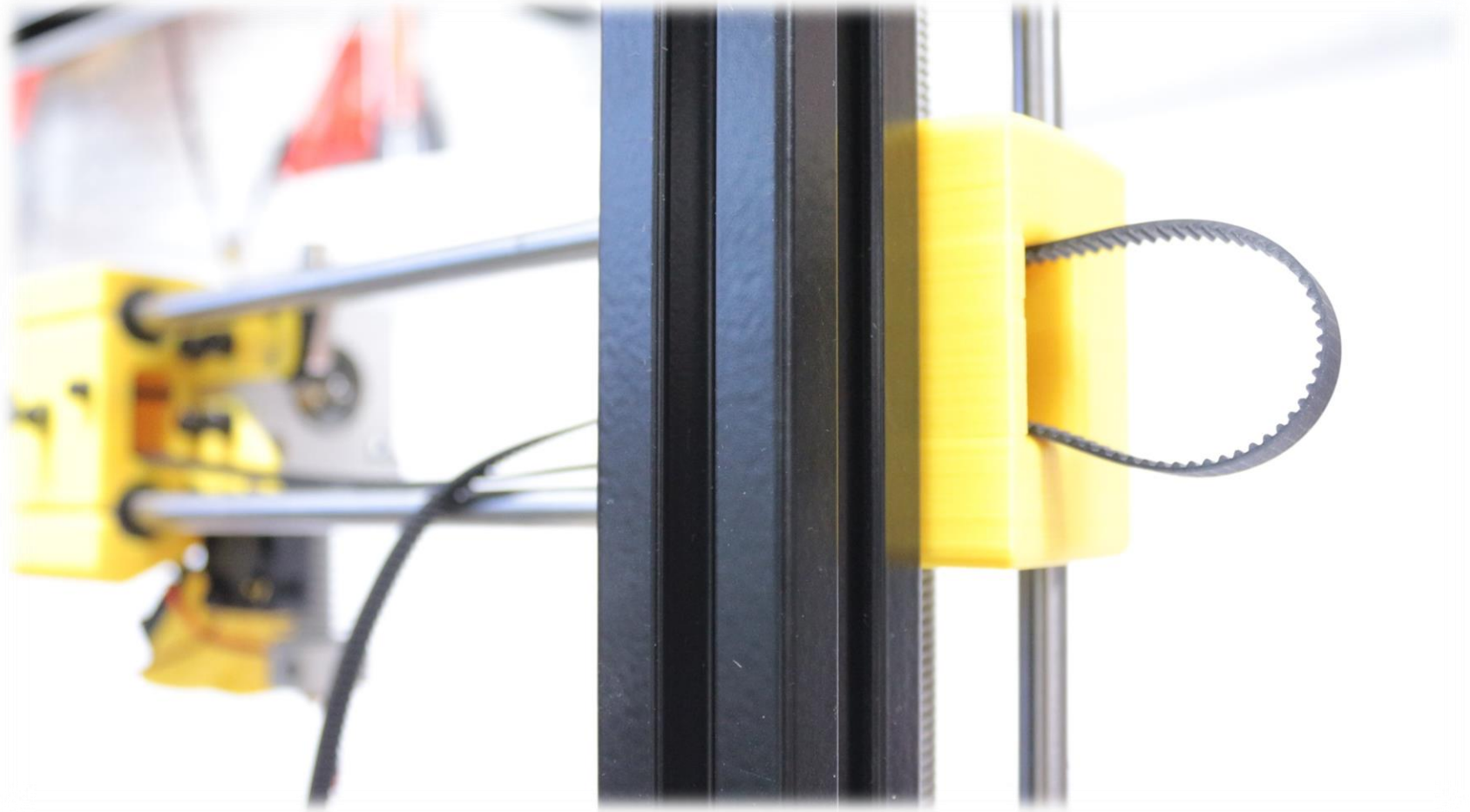
X Eksen Kayışının Gerilmesi





Adım 28

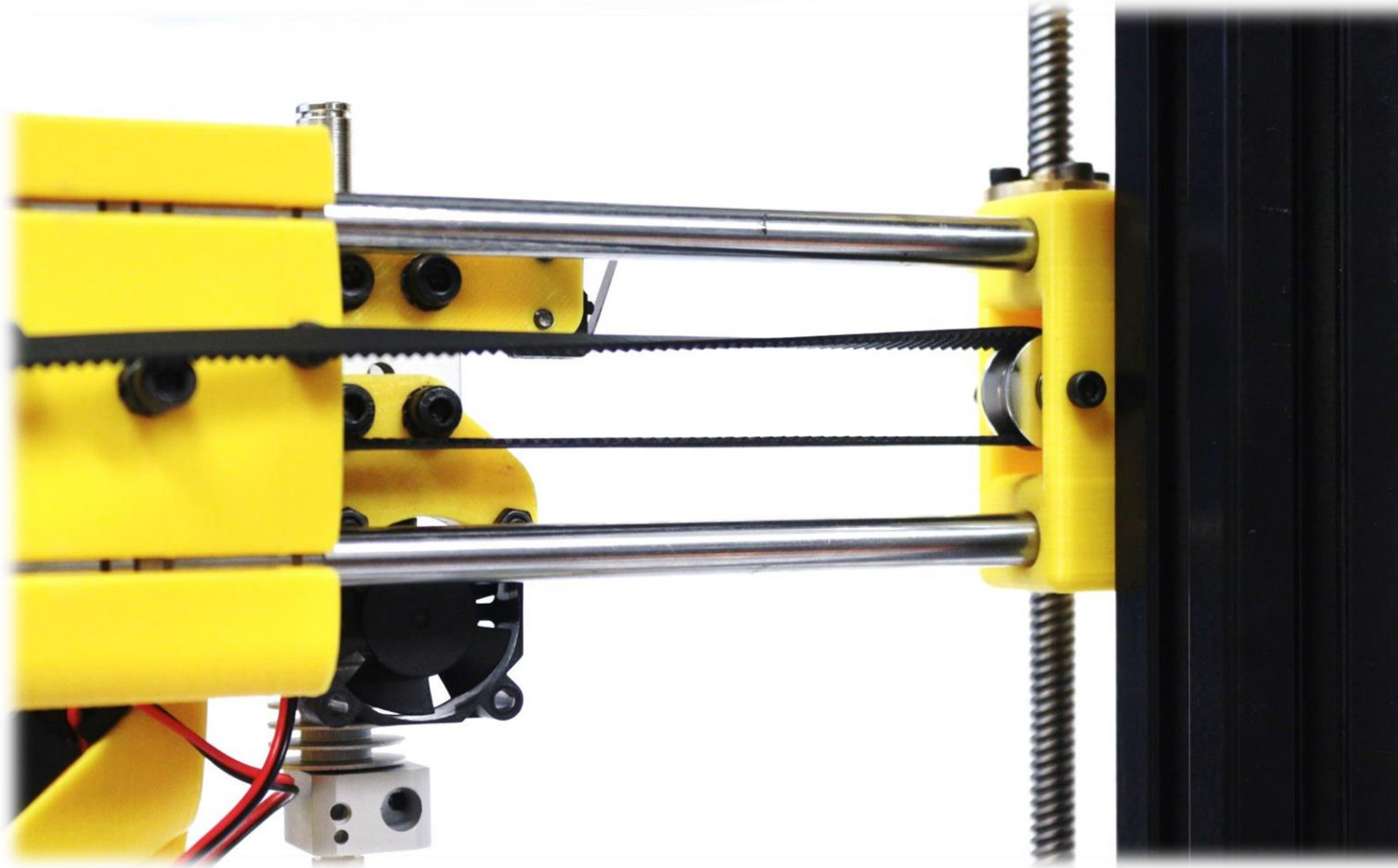
X Eksen Kayışının Gerilmesi

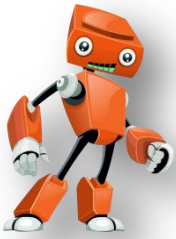




Adım 28

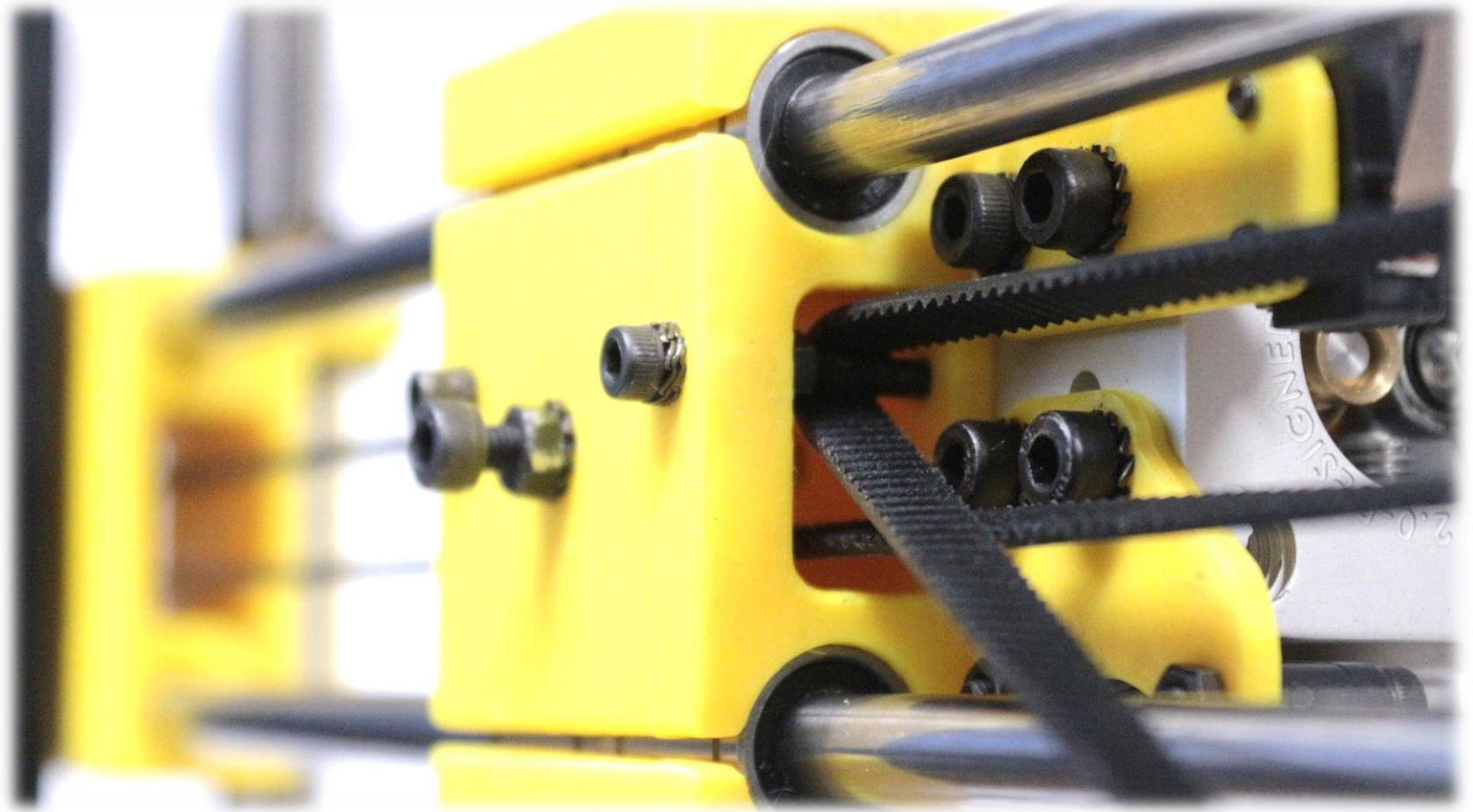
X Eksen Kayışının Gerilmesi

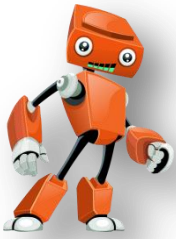




Adım 28

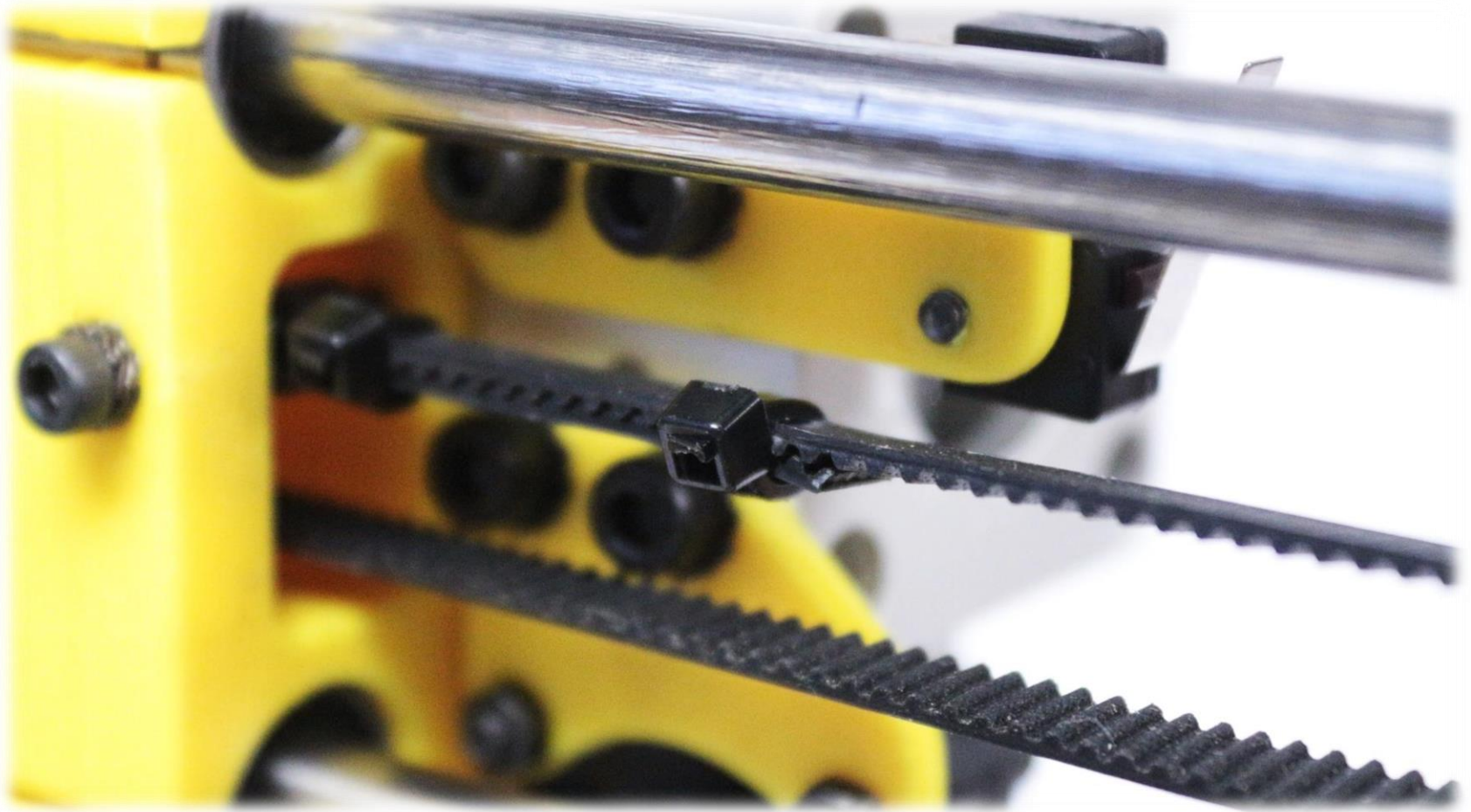
X Eksen Kayışının Gerilmesi

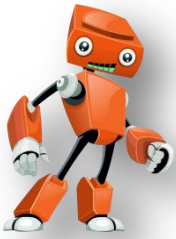




Adım 28

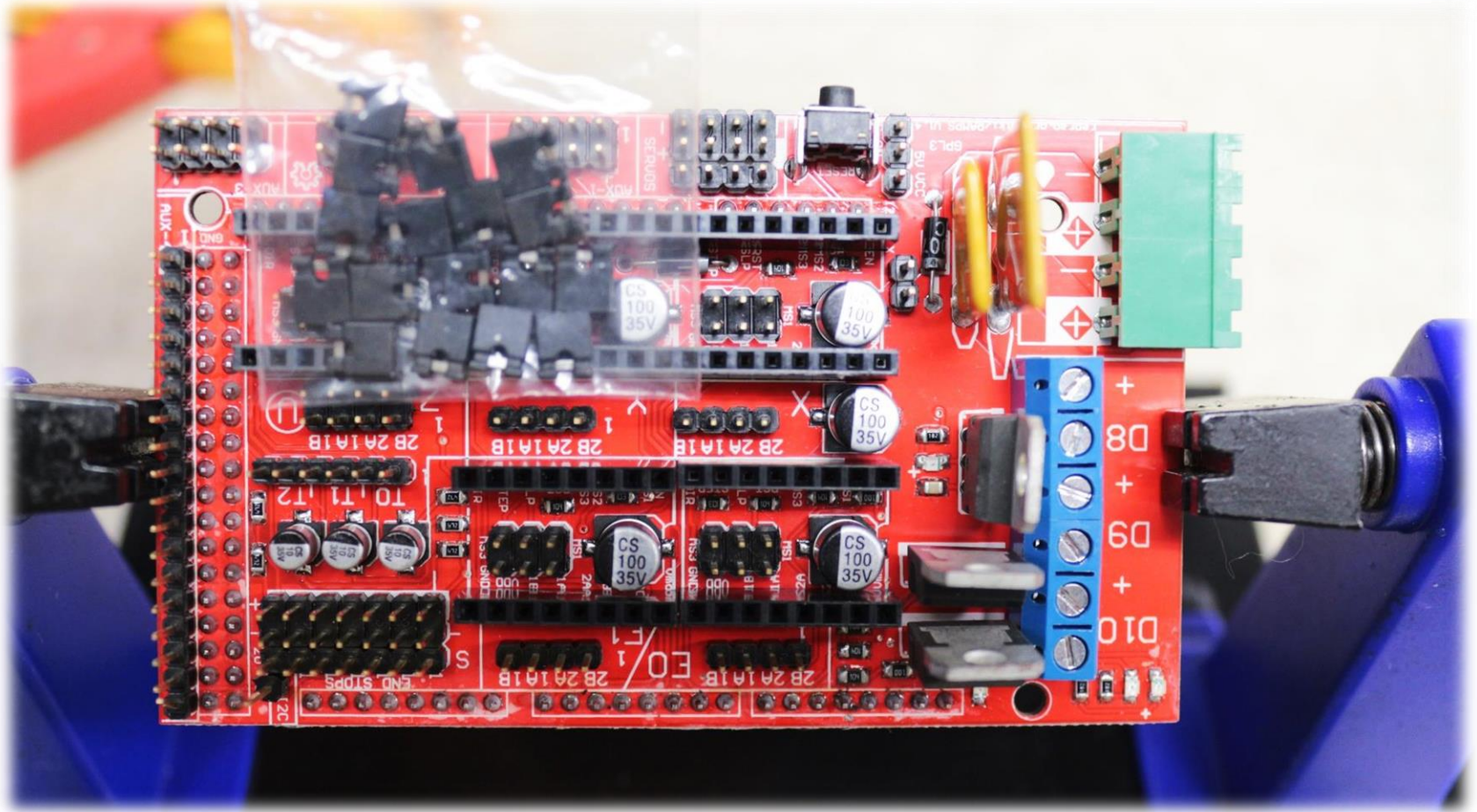
X Eksen Kayışının Gerilmesi

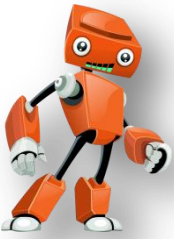




Adım 29

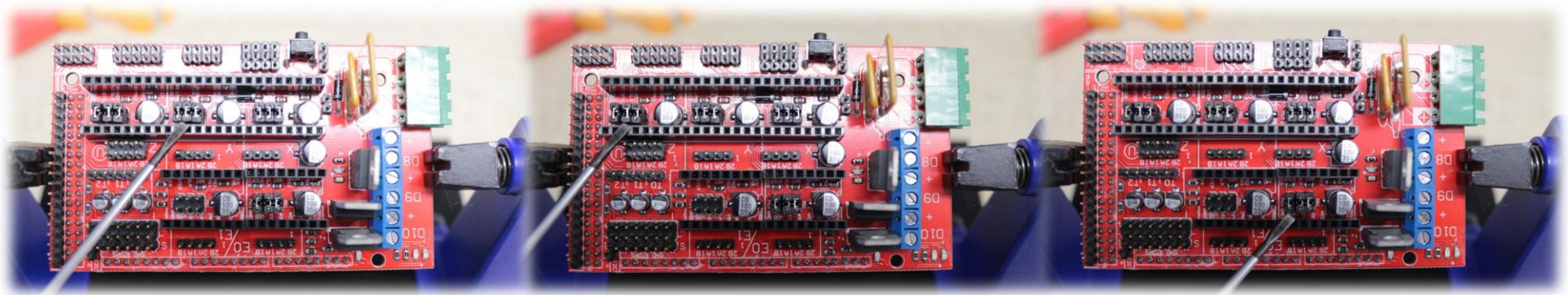
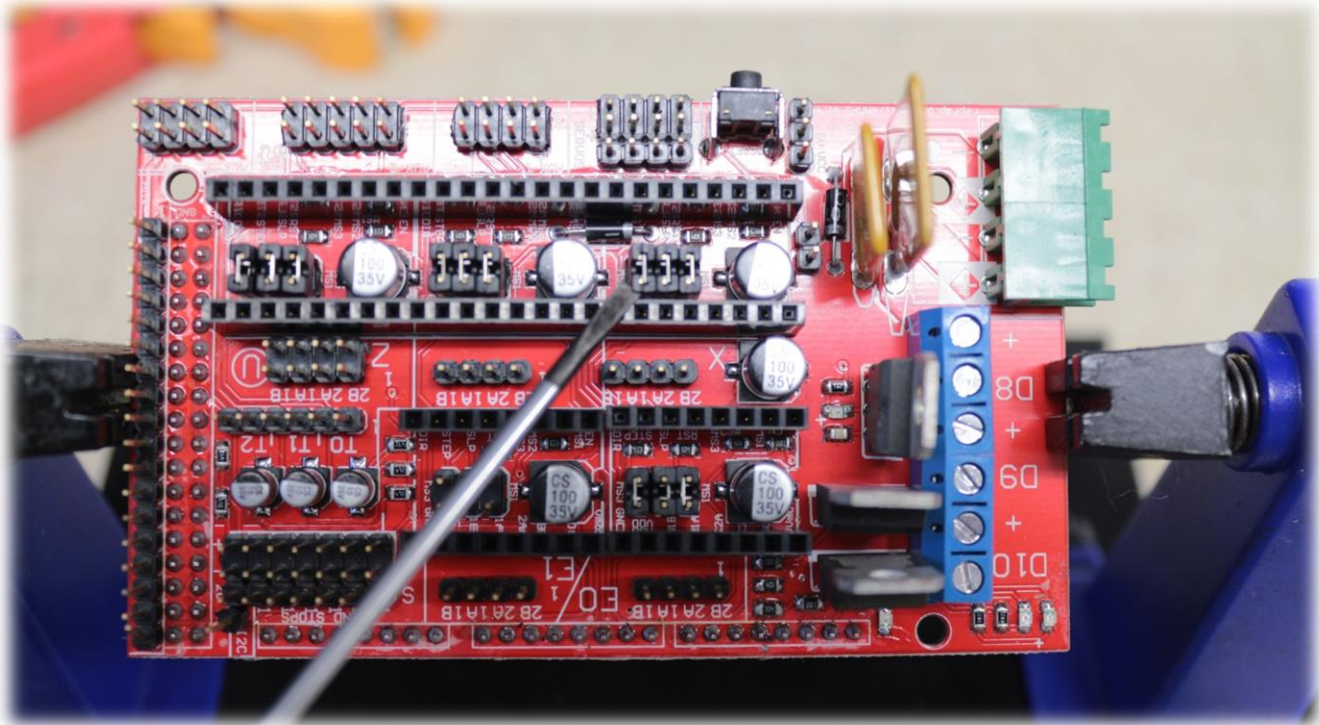
Ramps Montajı (MicroStep Pinlerinin Takılması)

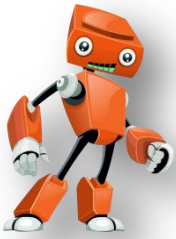




Adım 29

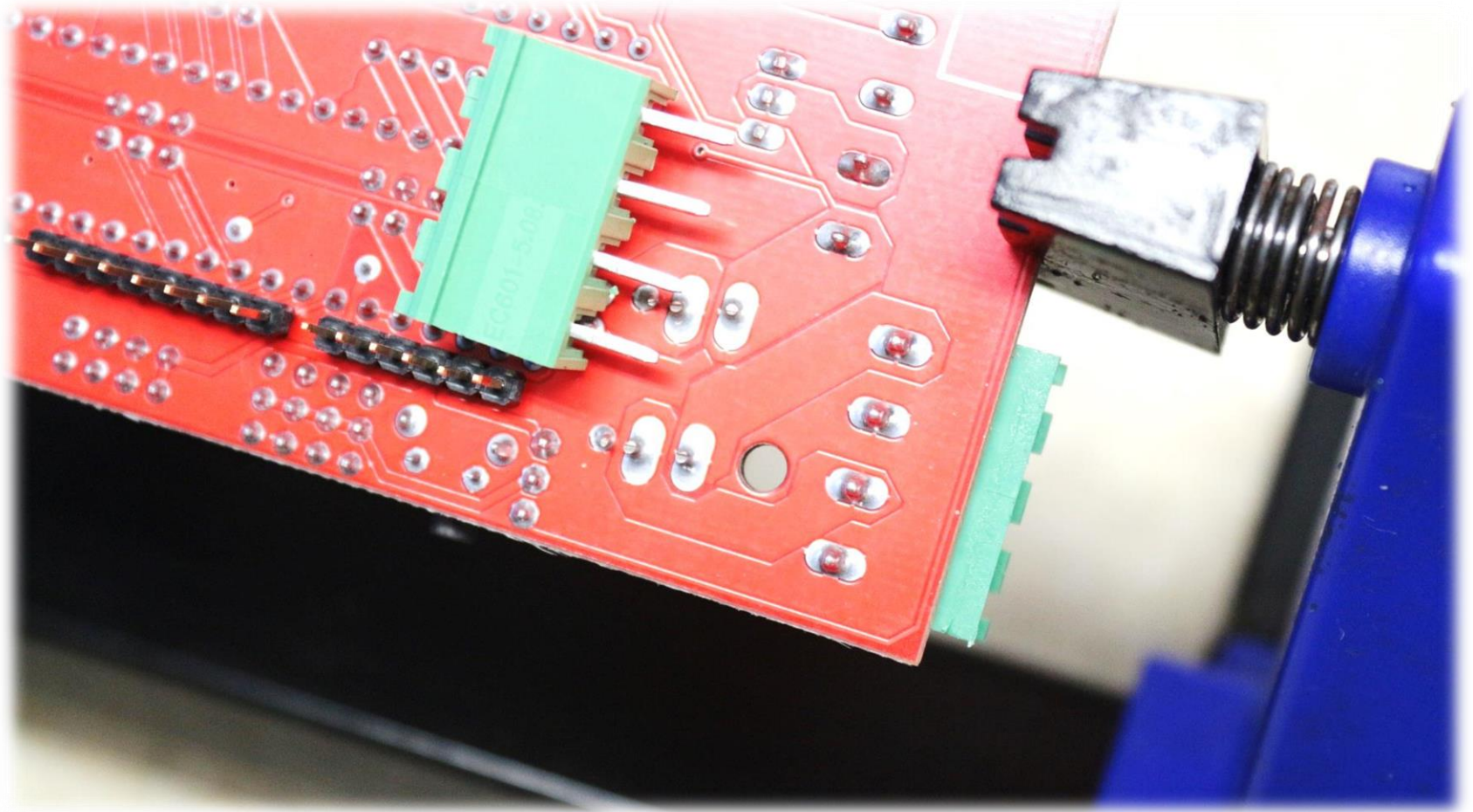
Ramps Montajı (MicroStep Pinlerinin Takılması)

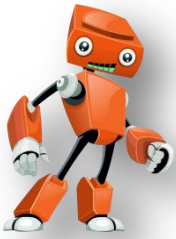




Adım 29

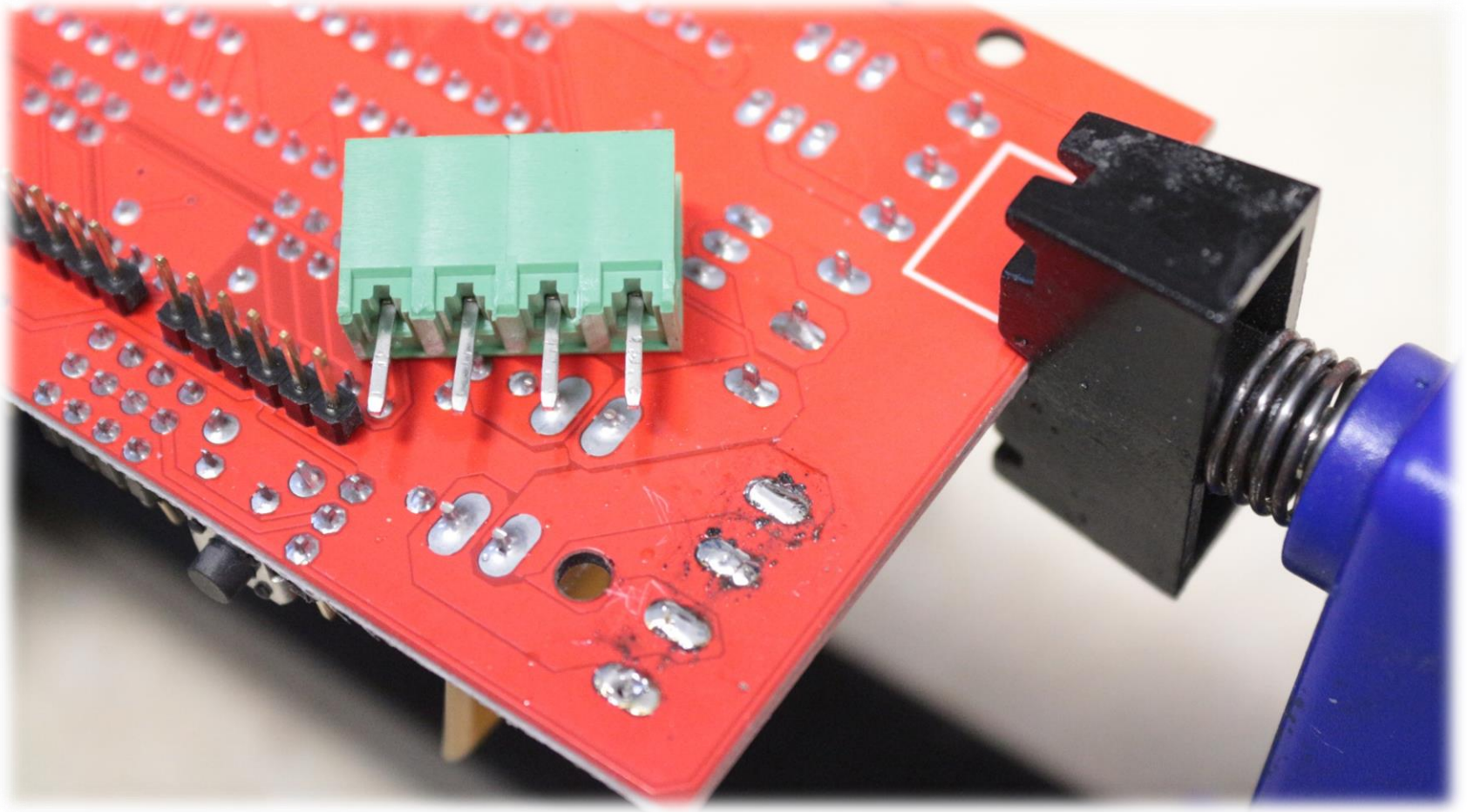
Ramps Montajı (Klemens Deęiřtirme)

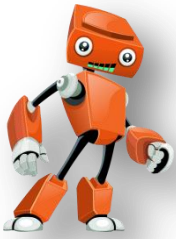




Adım 29

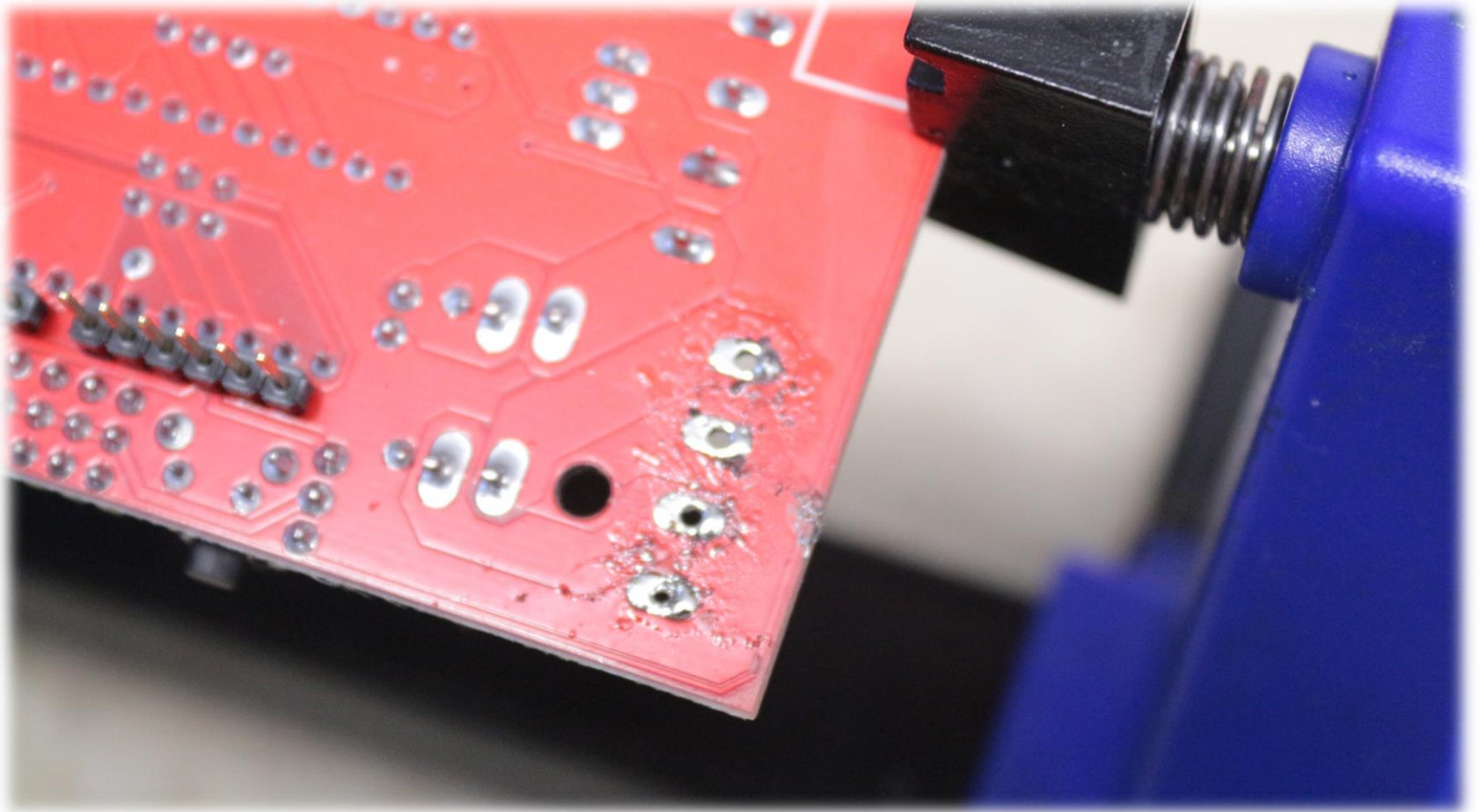
Ramps Montajı (Klemens Deęiřtirme)





Adım 29

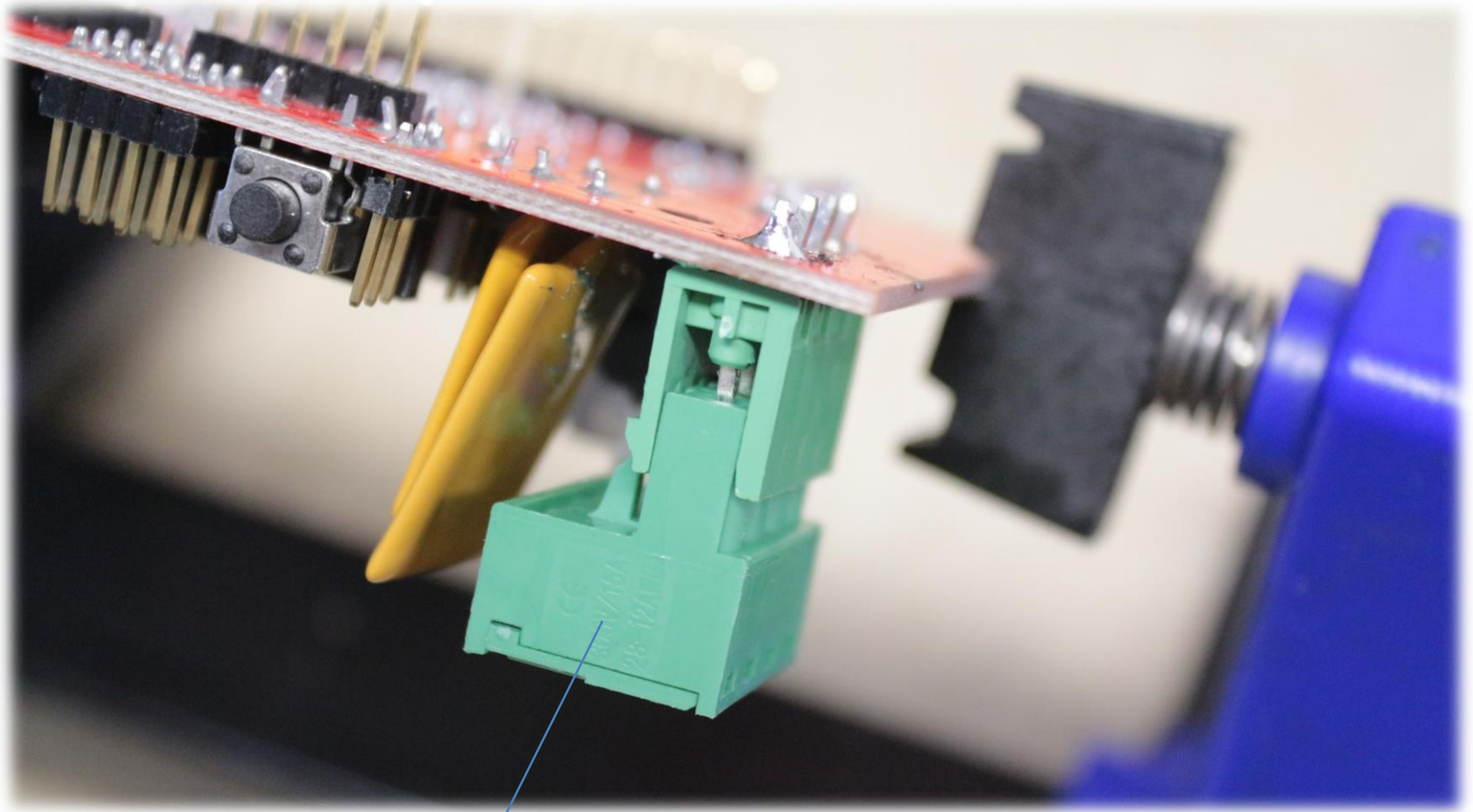
Ramps Montajı (Klemens Deęiřtirme)



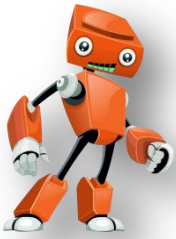


Adım 29

Ramps Montajı (Klemens Deęiřtirme)

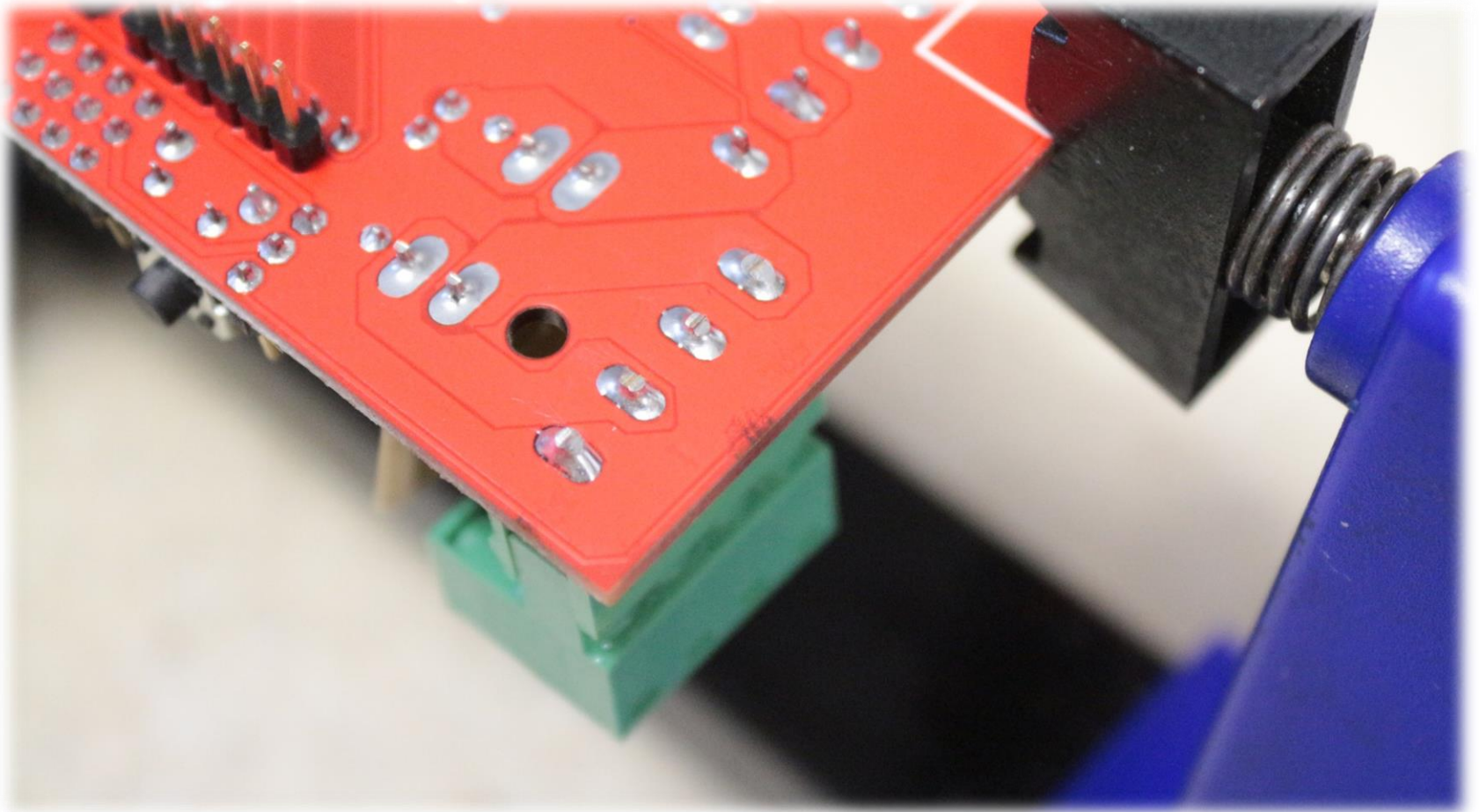


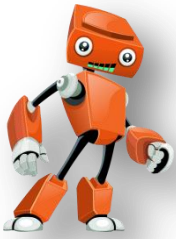
Klemens 'in Yöñüne Dikkat Ediniz



Adım 29

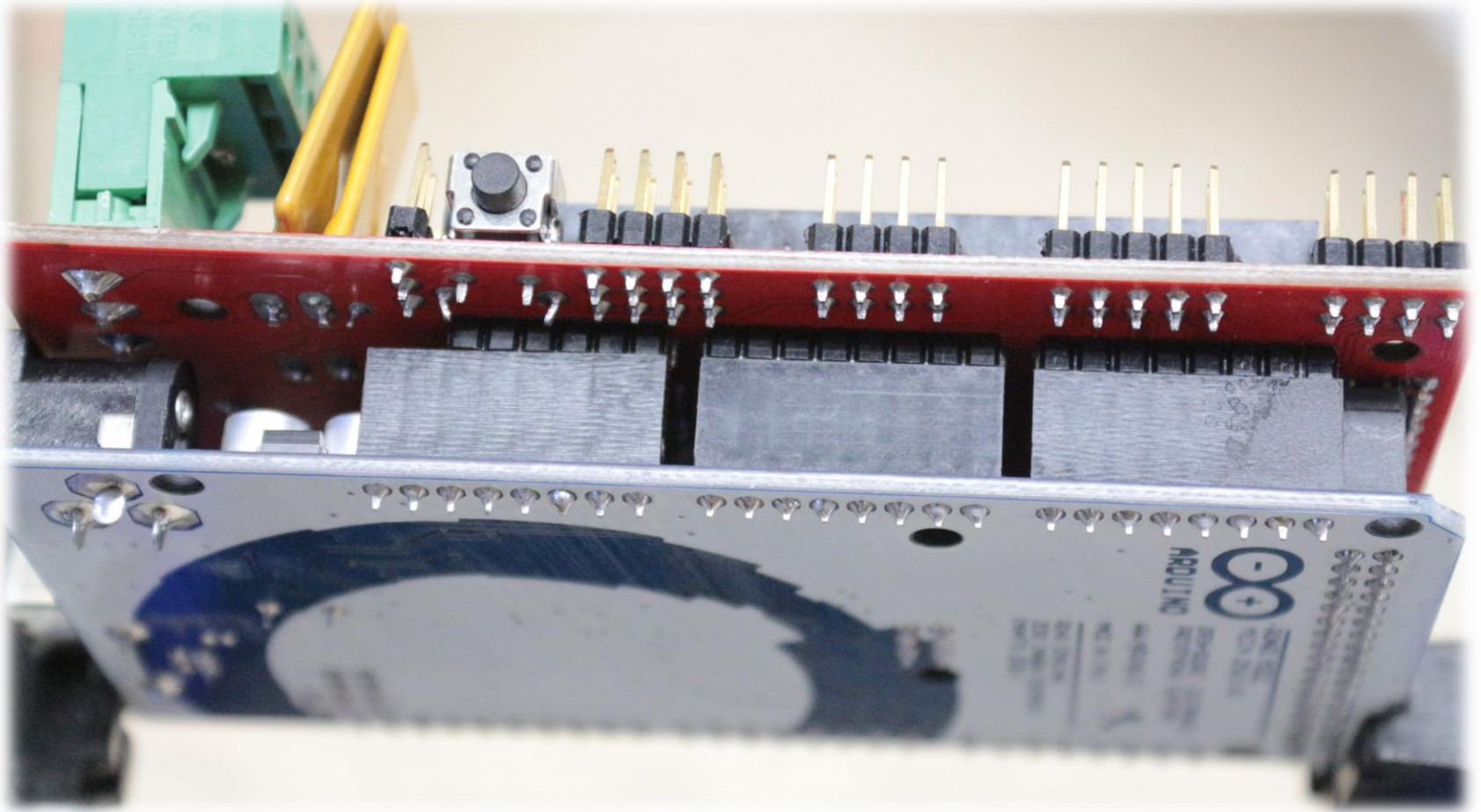
Ramps Montajı (Klemens Deęiřtirme)

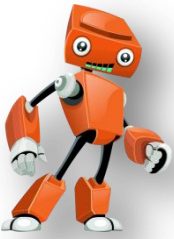




Adım 29

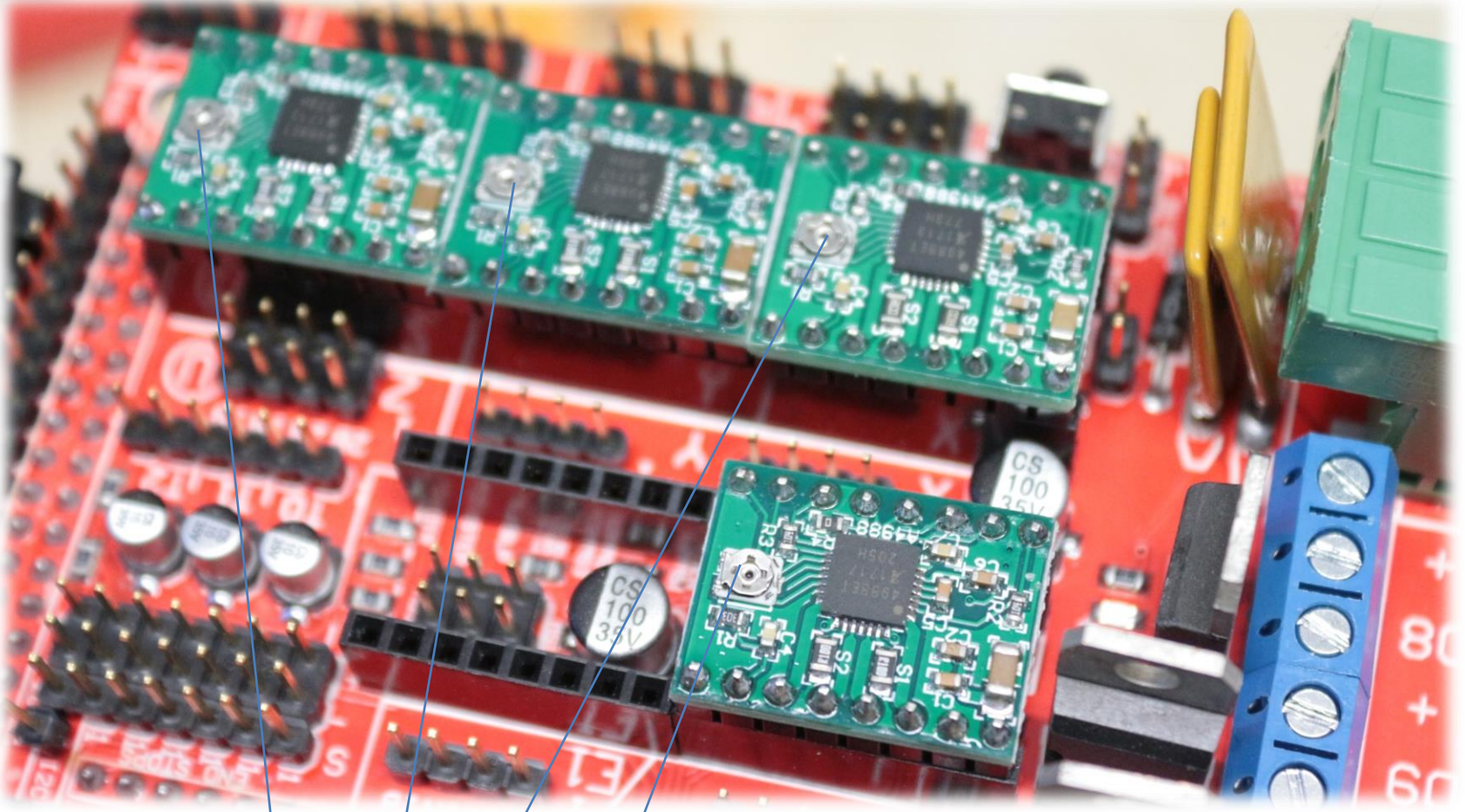
Ramps Montajı (Arduino' yu Ramps' a Takma)



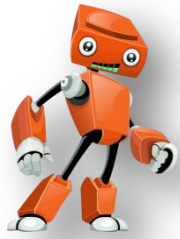


Adım 29

Ramps Montajı (A4988 Step Motor Sürücülerini Takma)

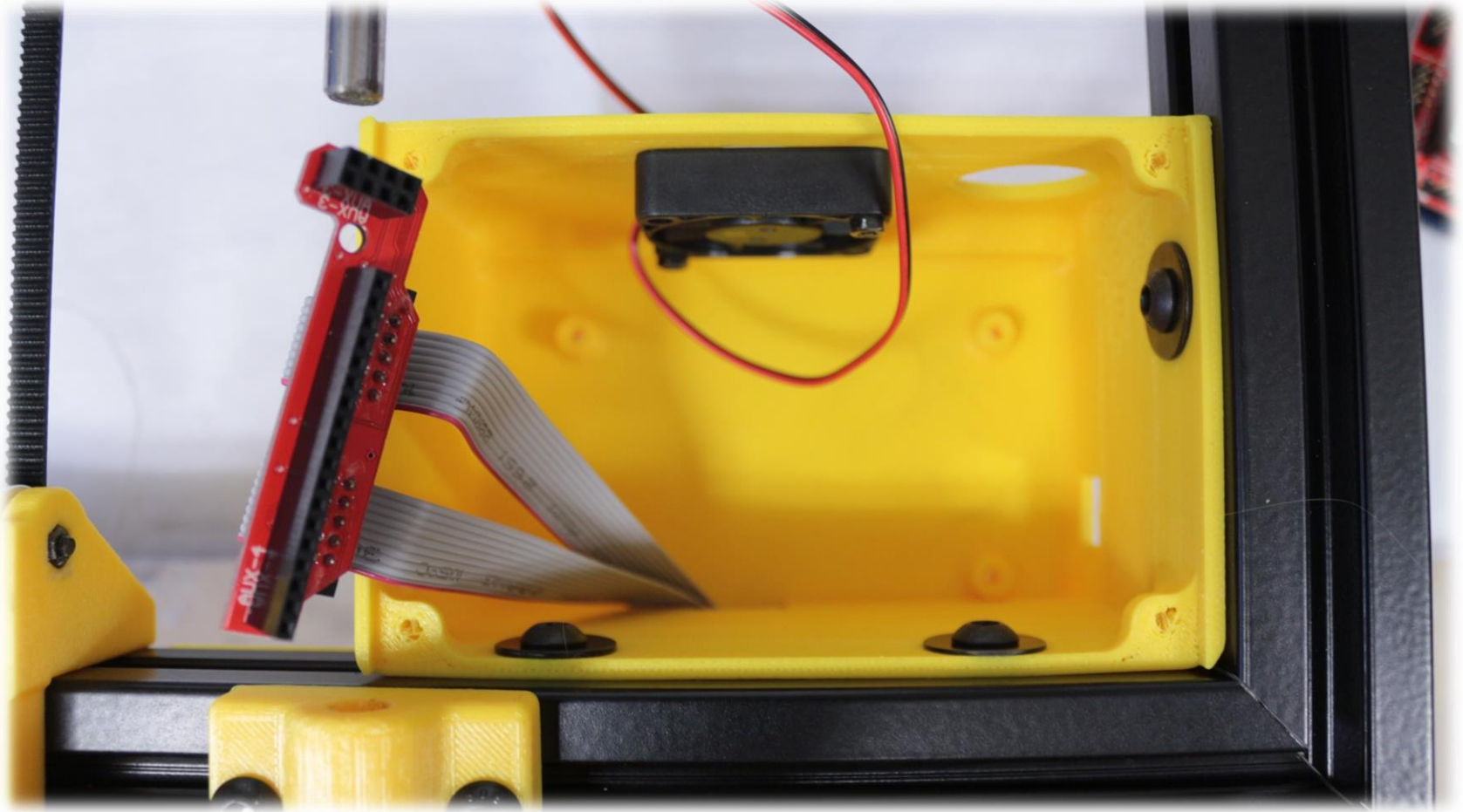


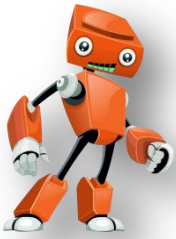
Resimde Görüldüğü Yönde Takınız



Adım 29

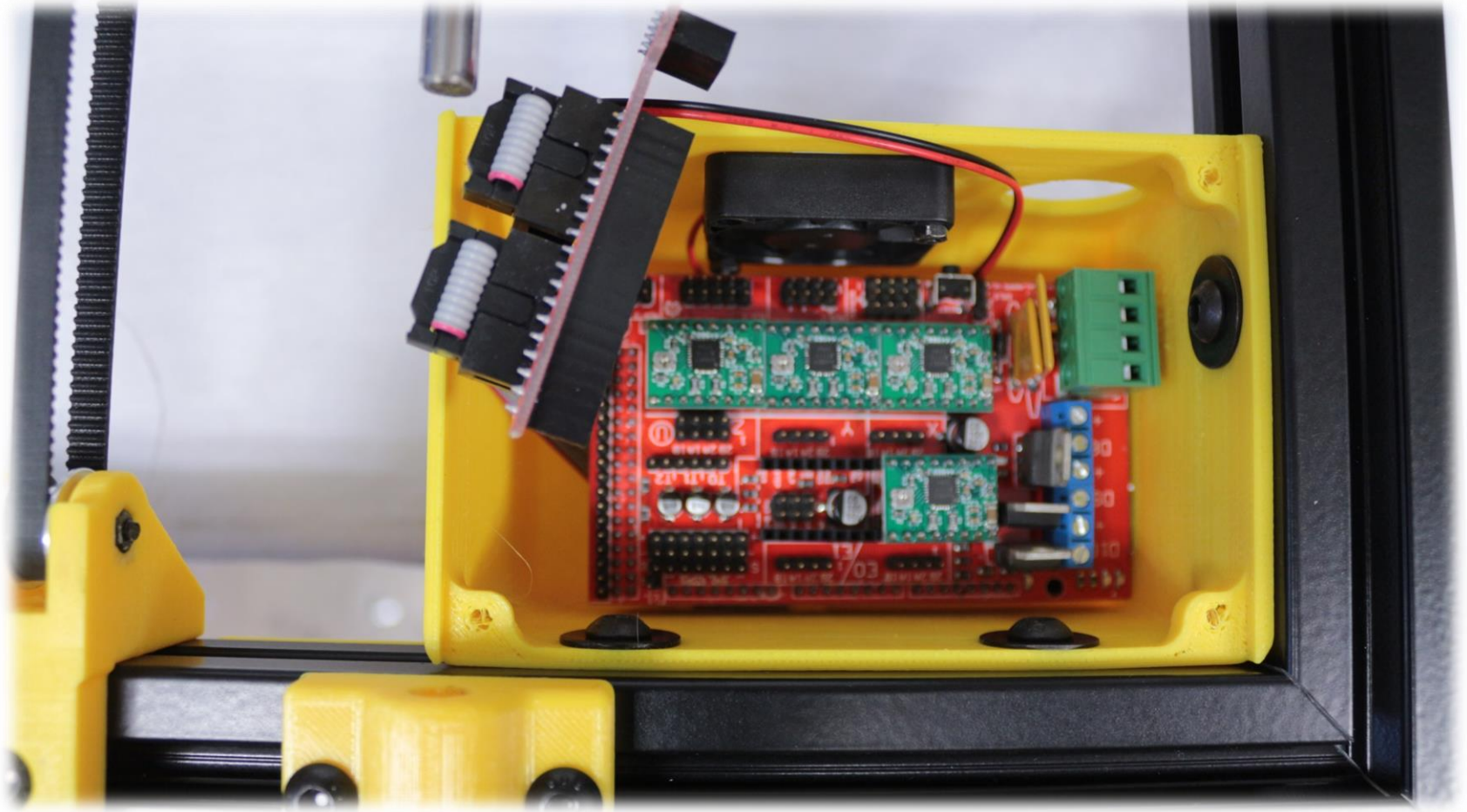
Ramps Montajı (LCD Kablosu)





Adım 29

Ramps Montajı (Ramps' ı Yuvaya Yerleştirme)



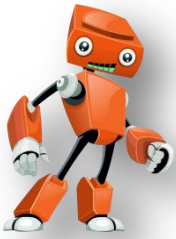


Adım 29

Ramps Montajı (Ramps' ı Yuvaya Yerleştirme)

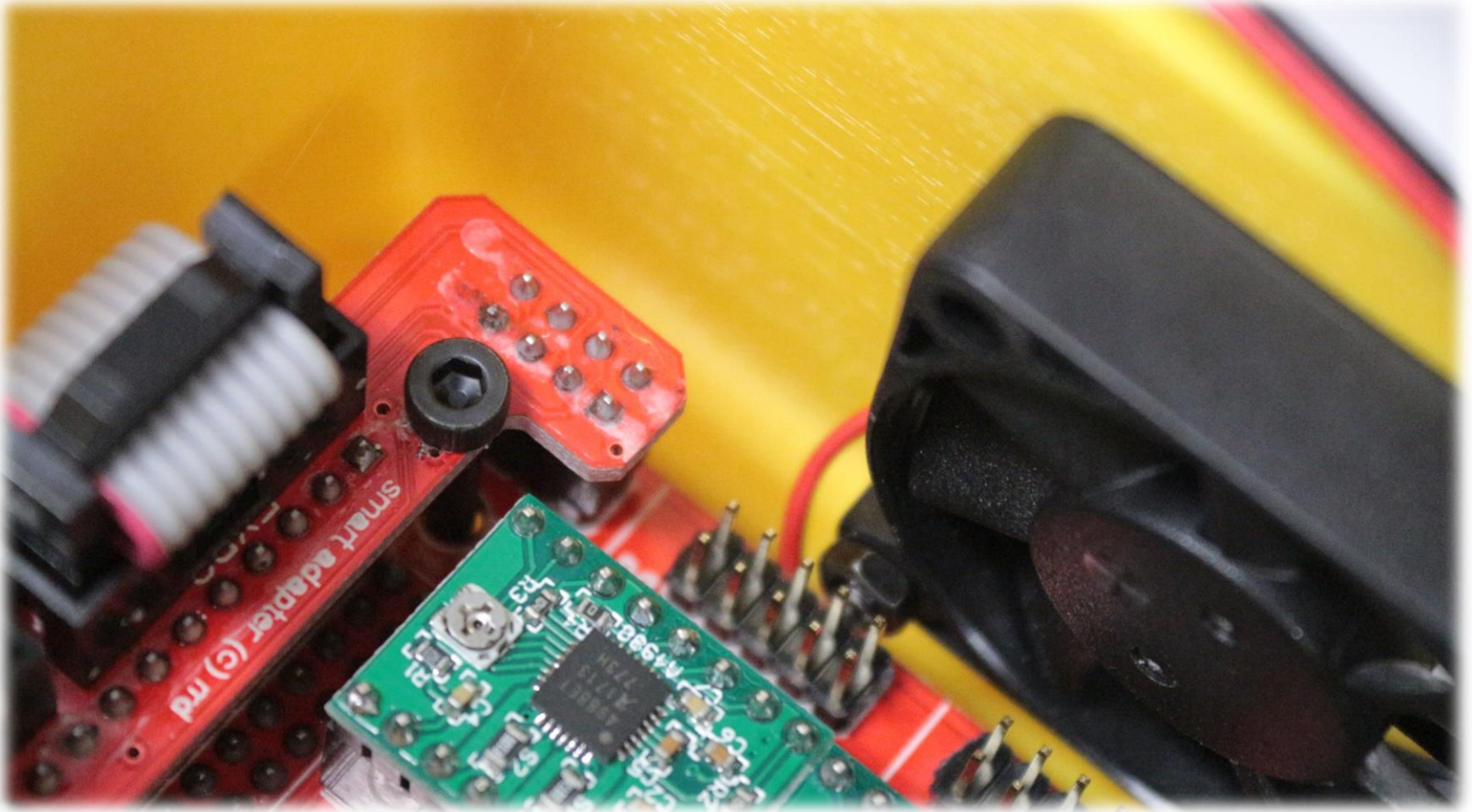


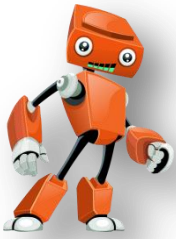
1 Adet / M3x35 İmbus Vida



Adım 29

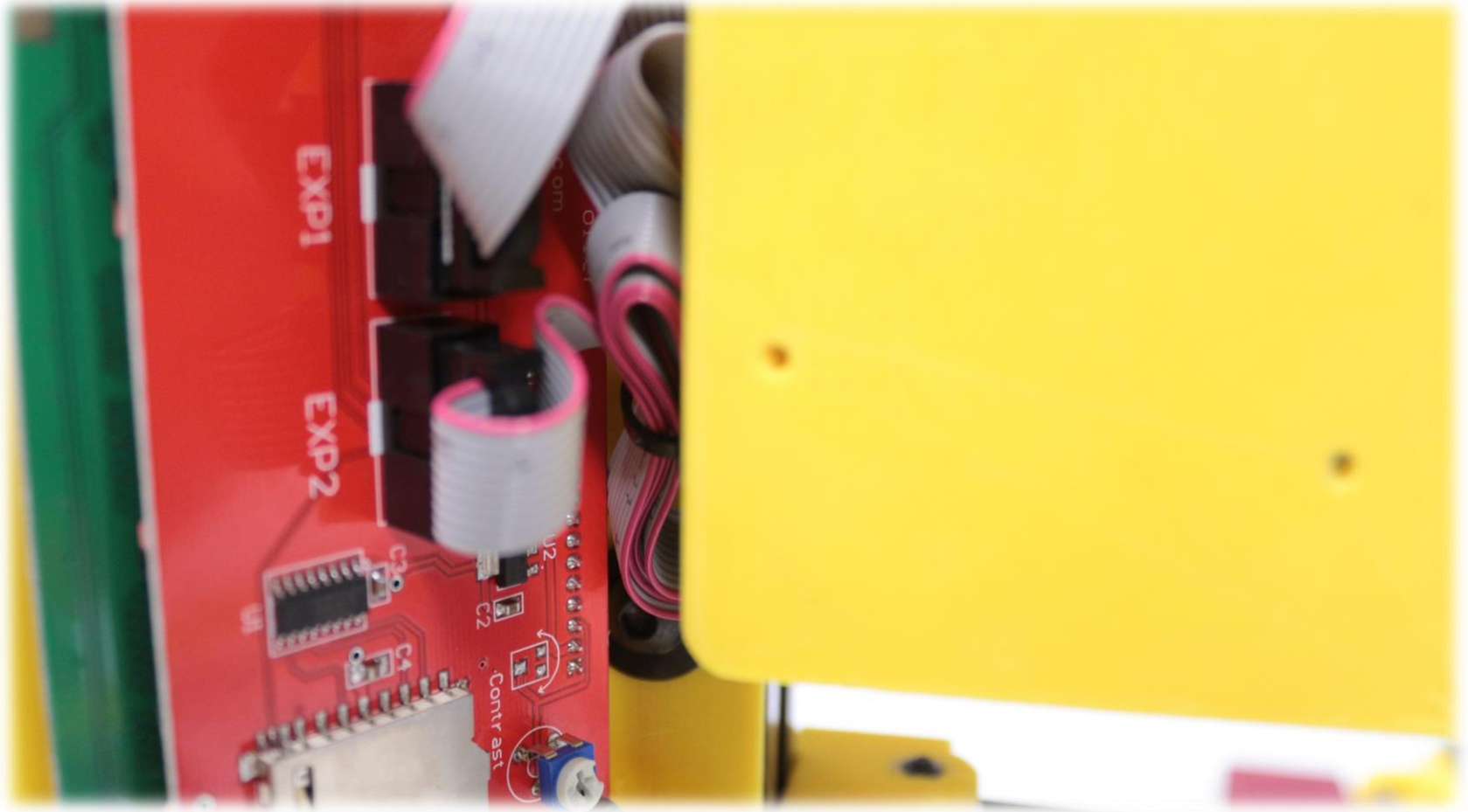
Ramps Montajı (Ramps' ı Yuvaya Yerleştirme)

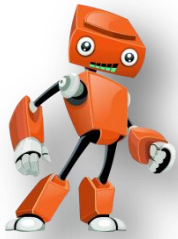




Adım 29

Ramps Montajı (Ekran Kablosunu Takma)





Adım 30

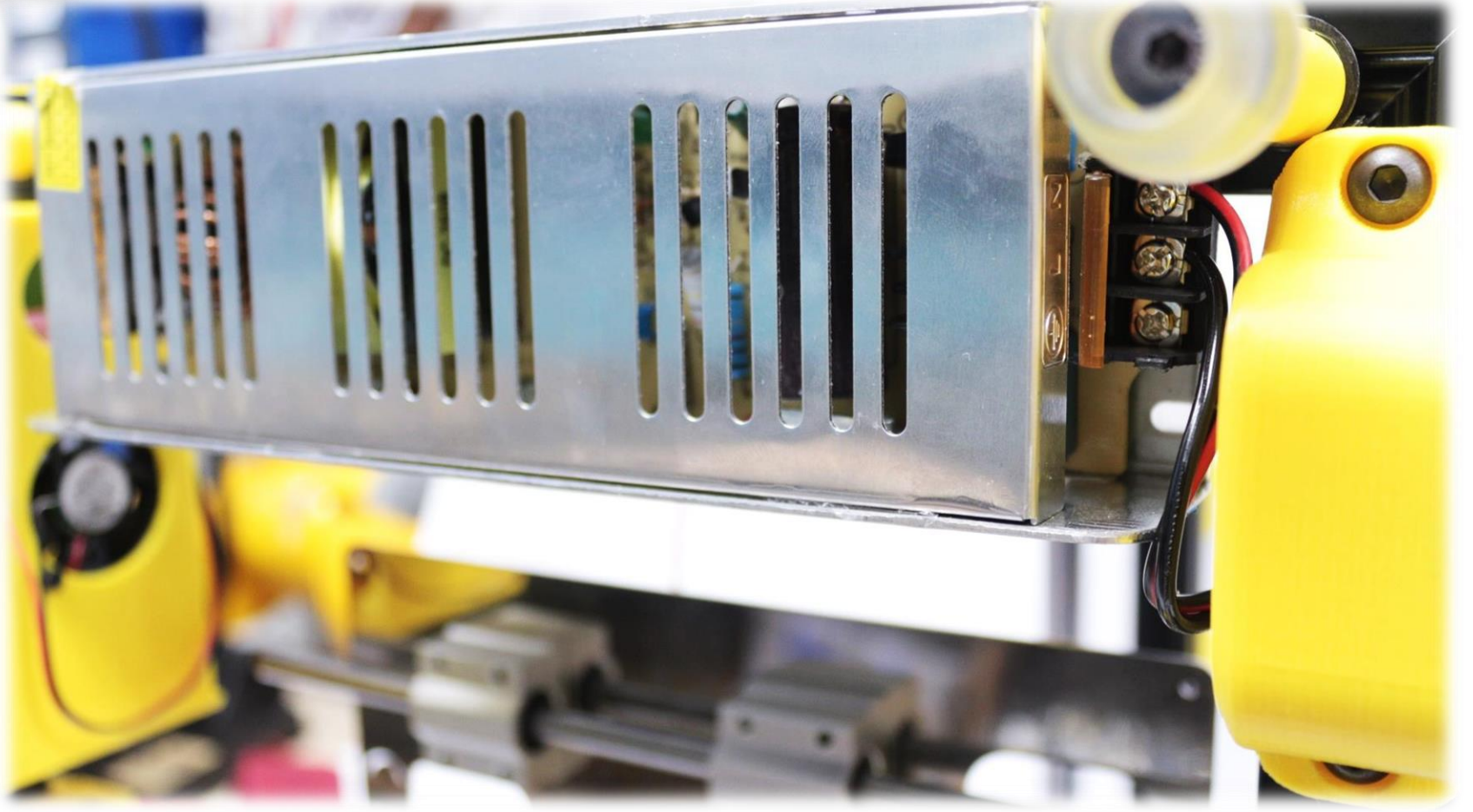
Güç Kaynağı Montajı



2 Adet / M4x10 İmbus Vida
2 Adet / M4 Kanal Somun

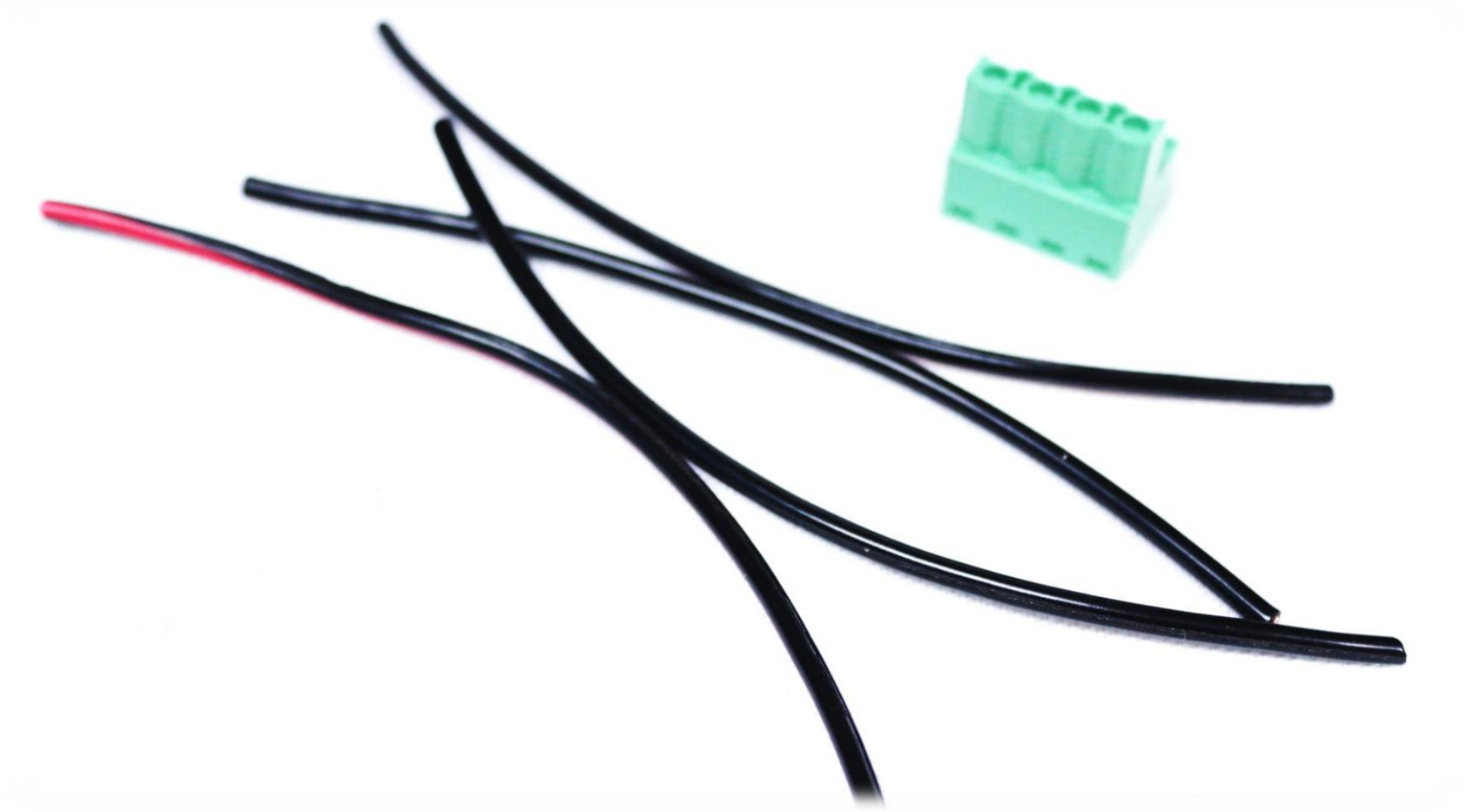
Adım 30

Güç Kaynağı Montajı



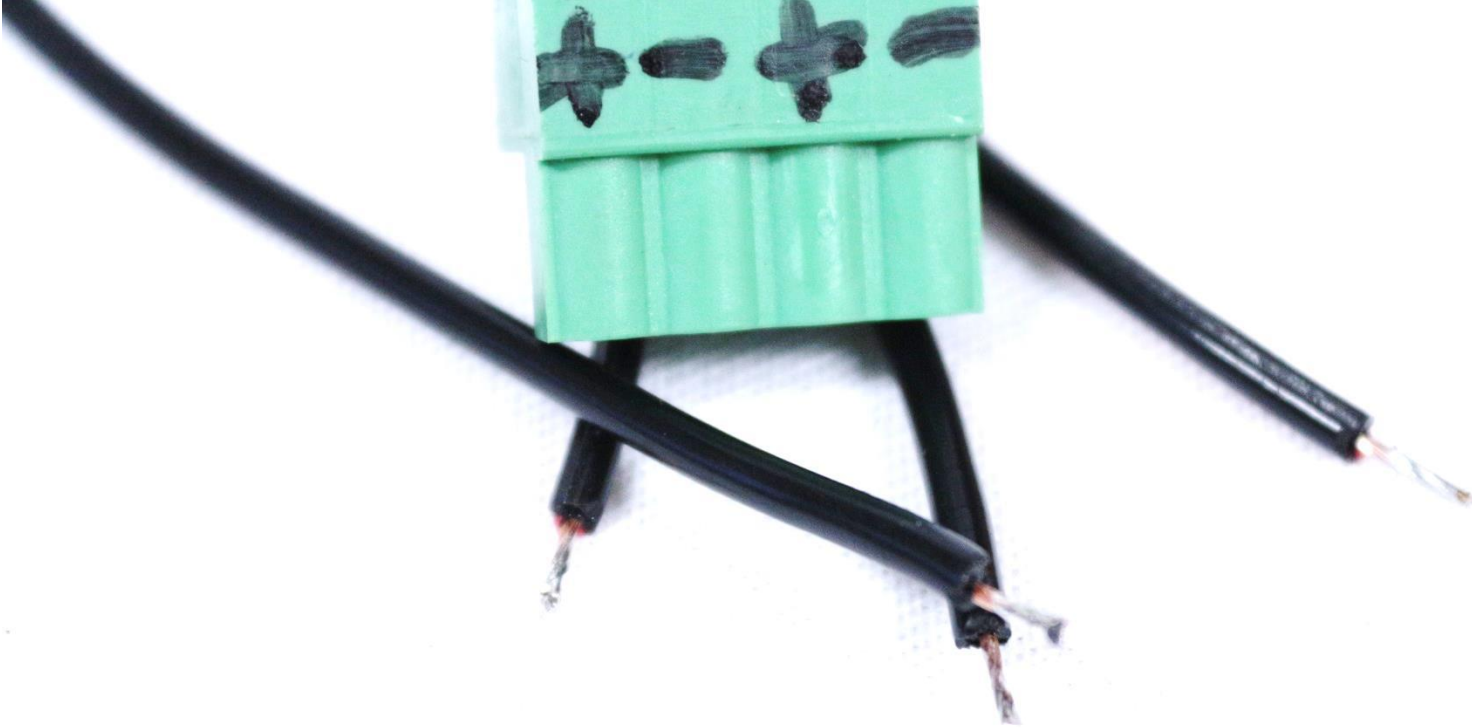
Adım 31

Ramps 12 Volt Besleme



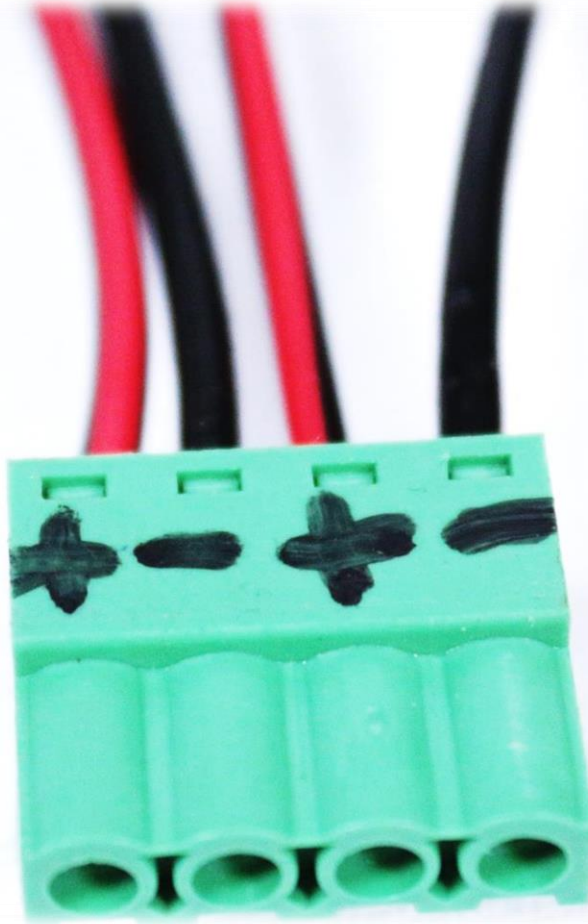
Adım 31

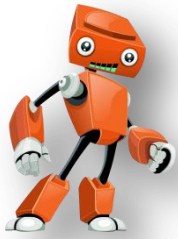
Ramps 12 Volt Besleme



Adım 31

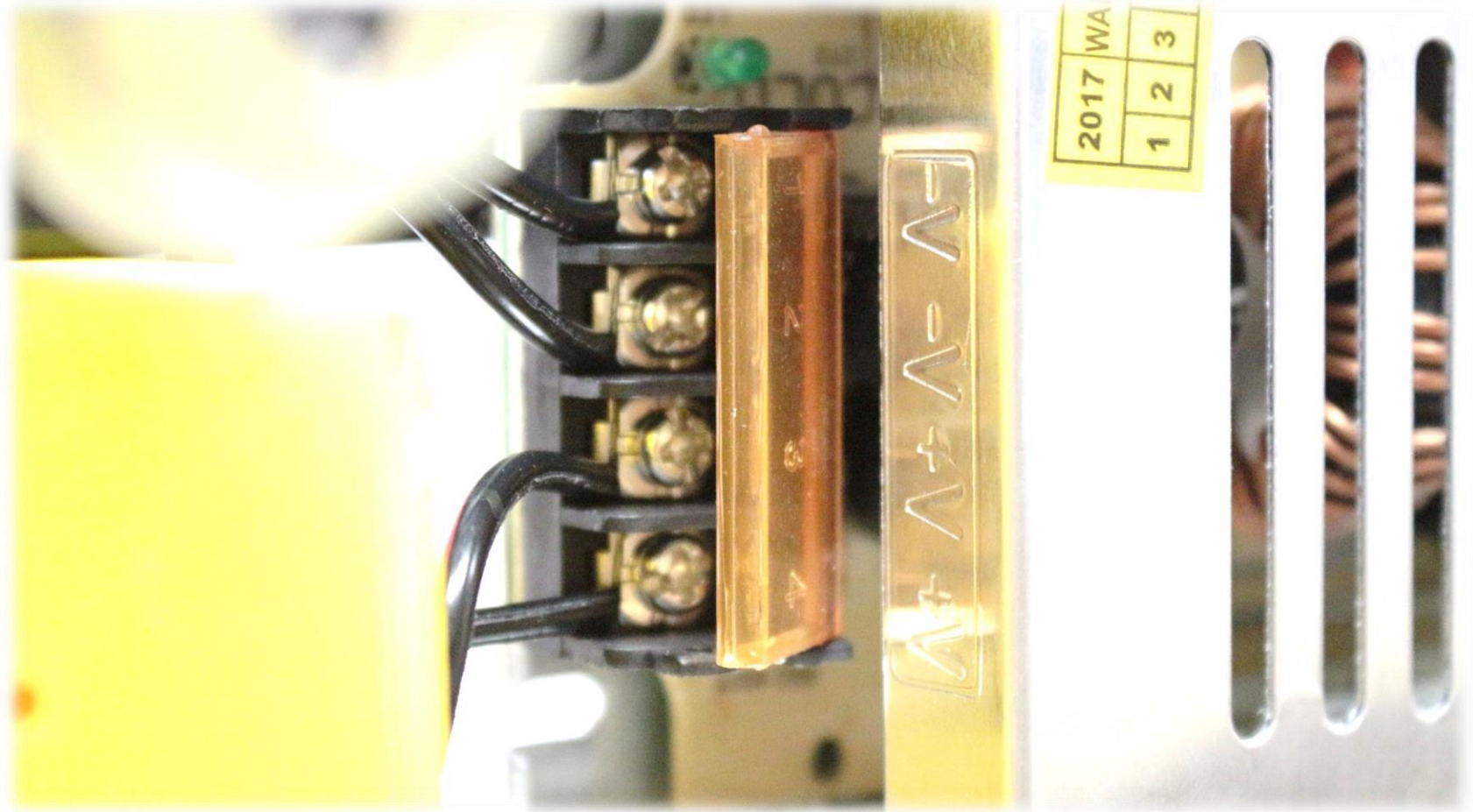
Ramps 12 Volt Besleme

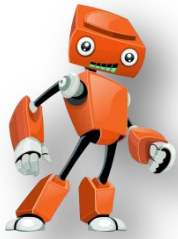




Adım 31

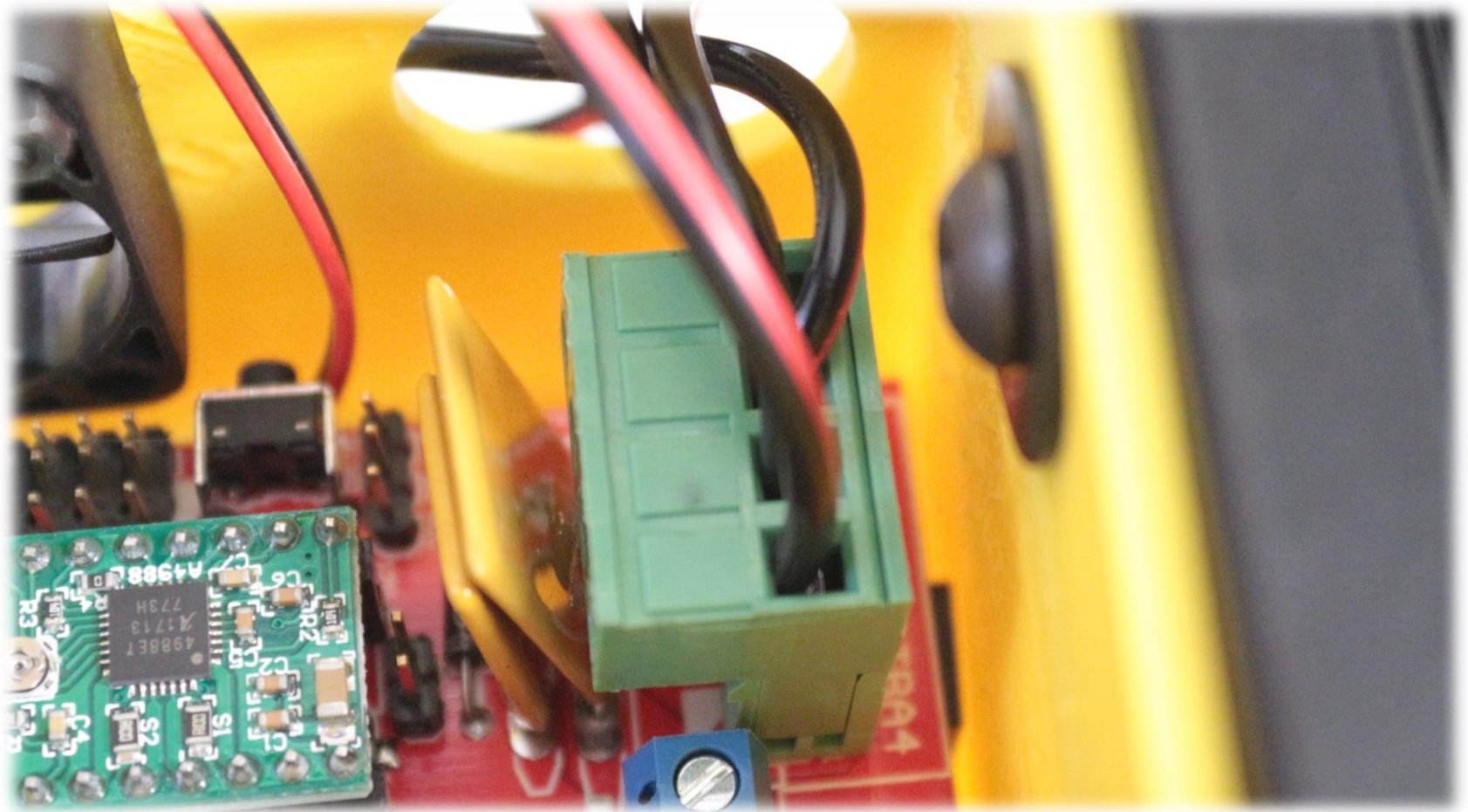
Ramps 12 Volt Besleme

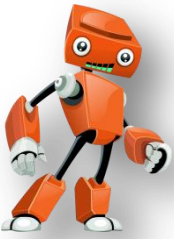




Adım 31

Ramps 12 Volt Besleme

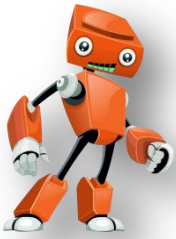




Adım 32

Head Bed (tabla) Kablosunu Lehimleme

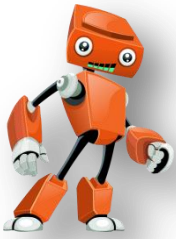




Adım 32

Head Bed (tabla) Kablosunu Lehimleme

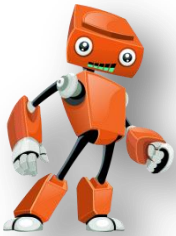




Adım 32

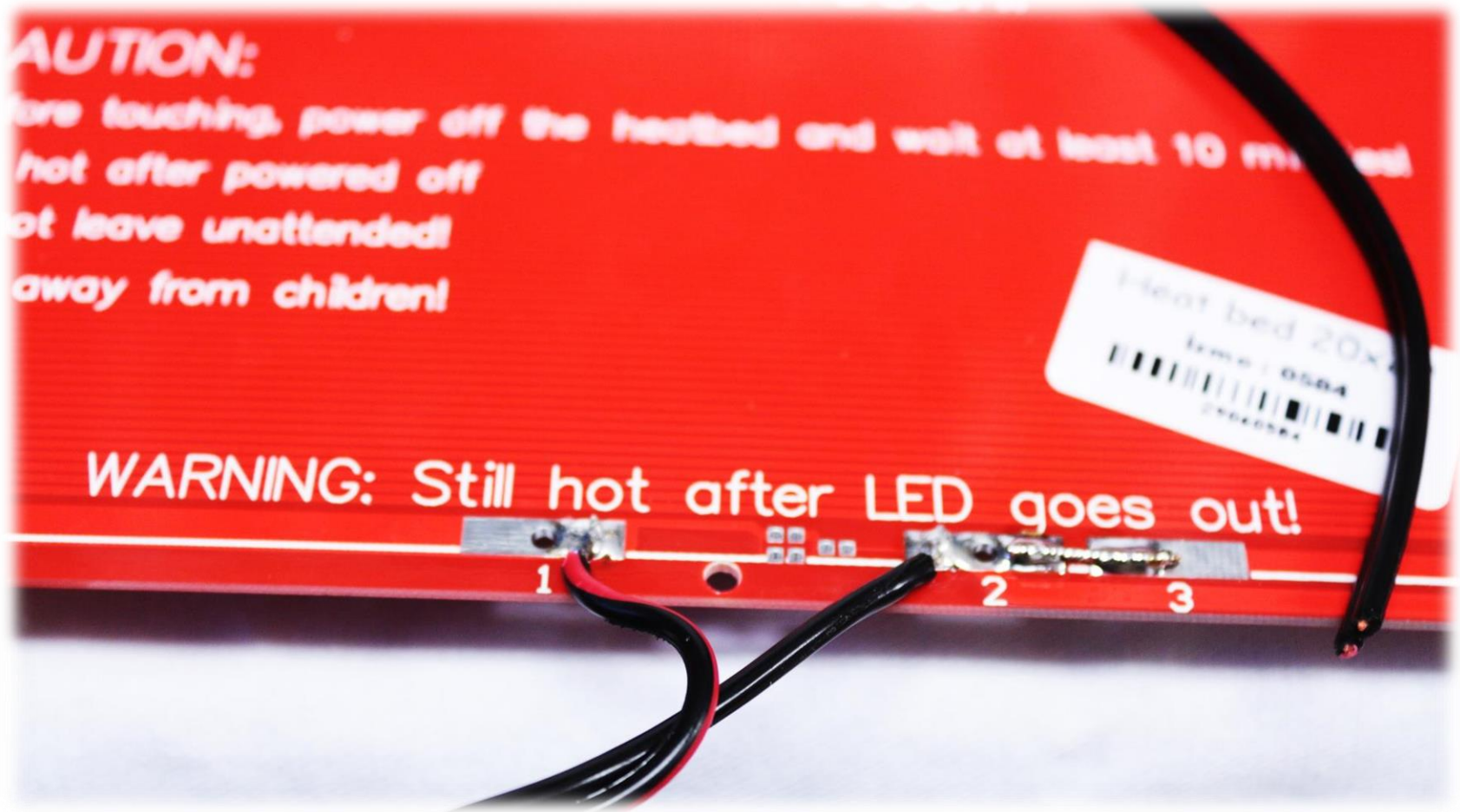
Head Bed (tabla) Kablosunu Lehimleme

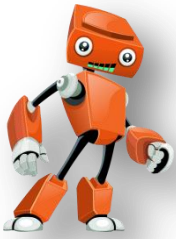




Adım 32

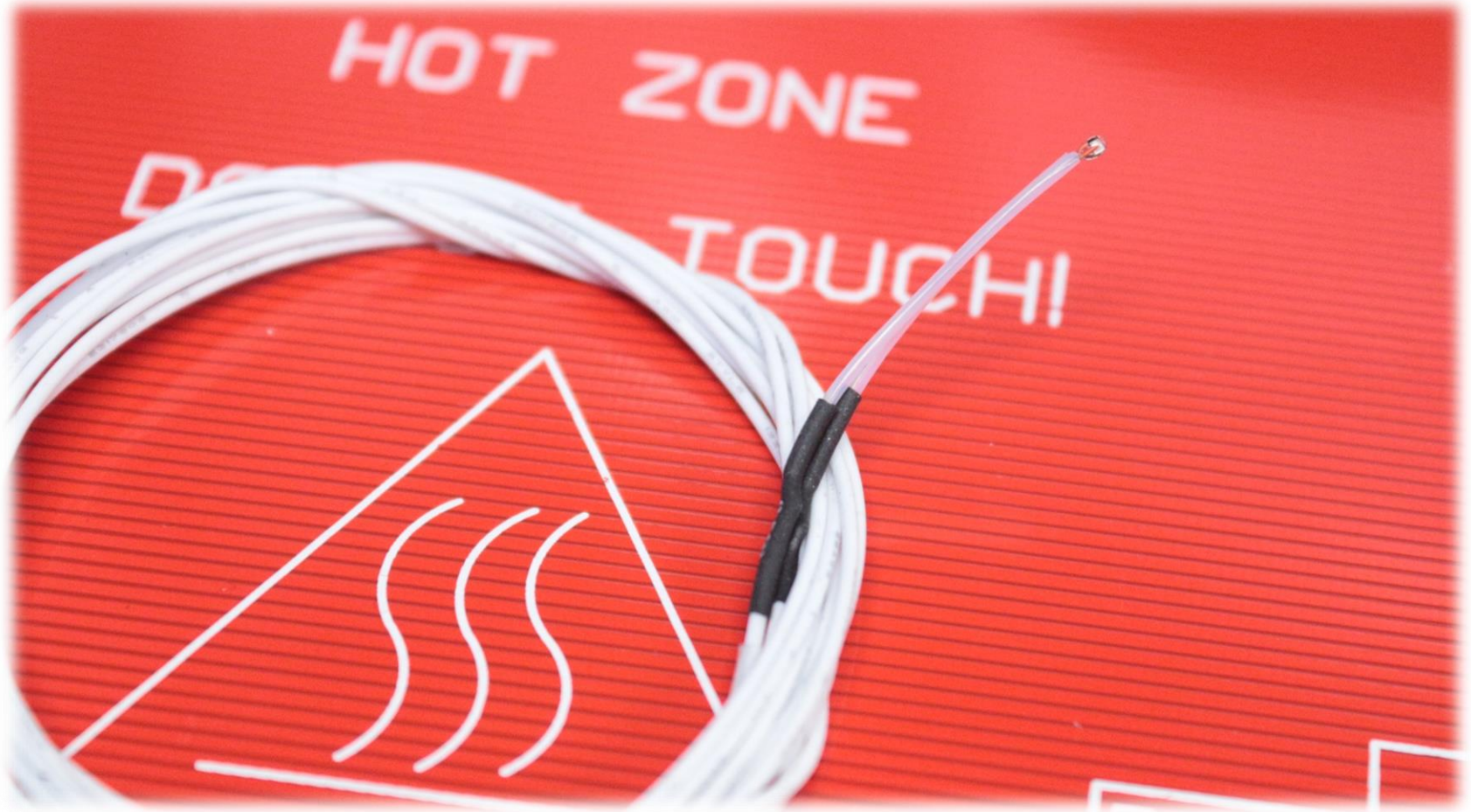
Head Bed (tabla) Kablosunu Lehimleme

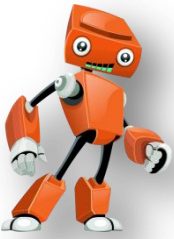




Adım 33

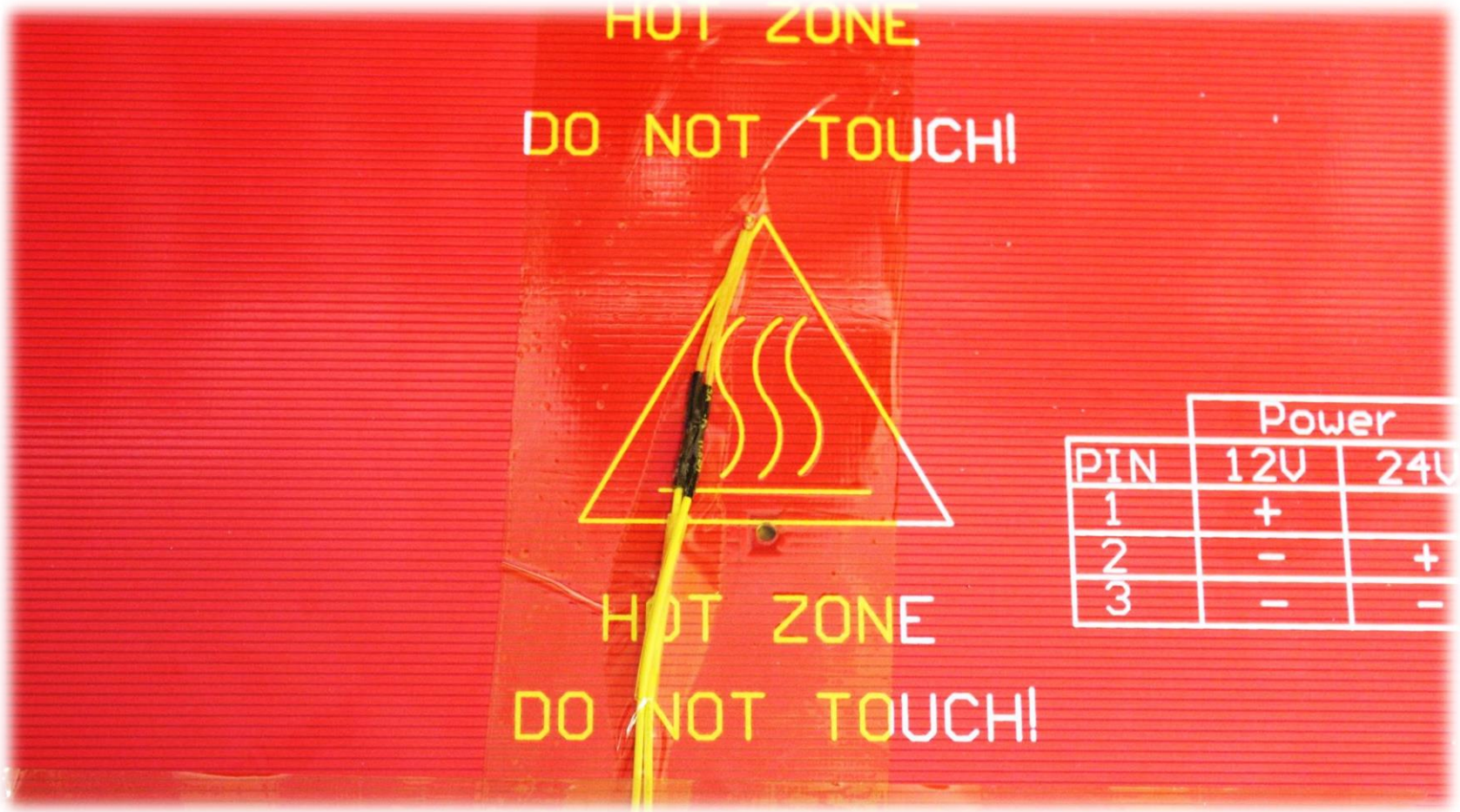
Head Bed (tabla) Isı Sensörü (100K NTC, Termistör) Montajı





Adım 33

Head Bed (tabla) Isı Sensörü (100K NTC, Termistör) Montajı



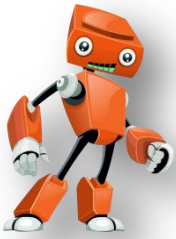


Adım 34

Head Bed (tabla) 'i Paslanmaz Çelik Tablaya Takma

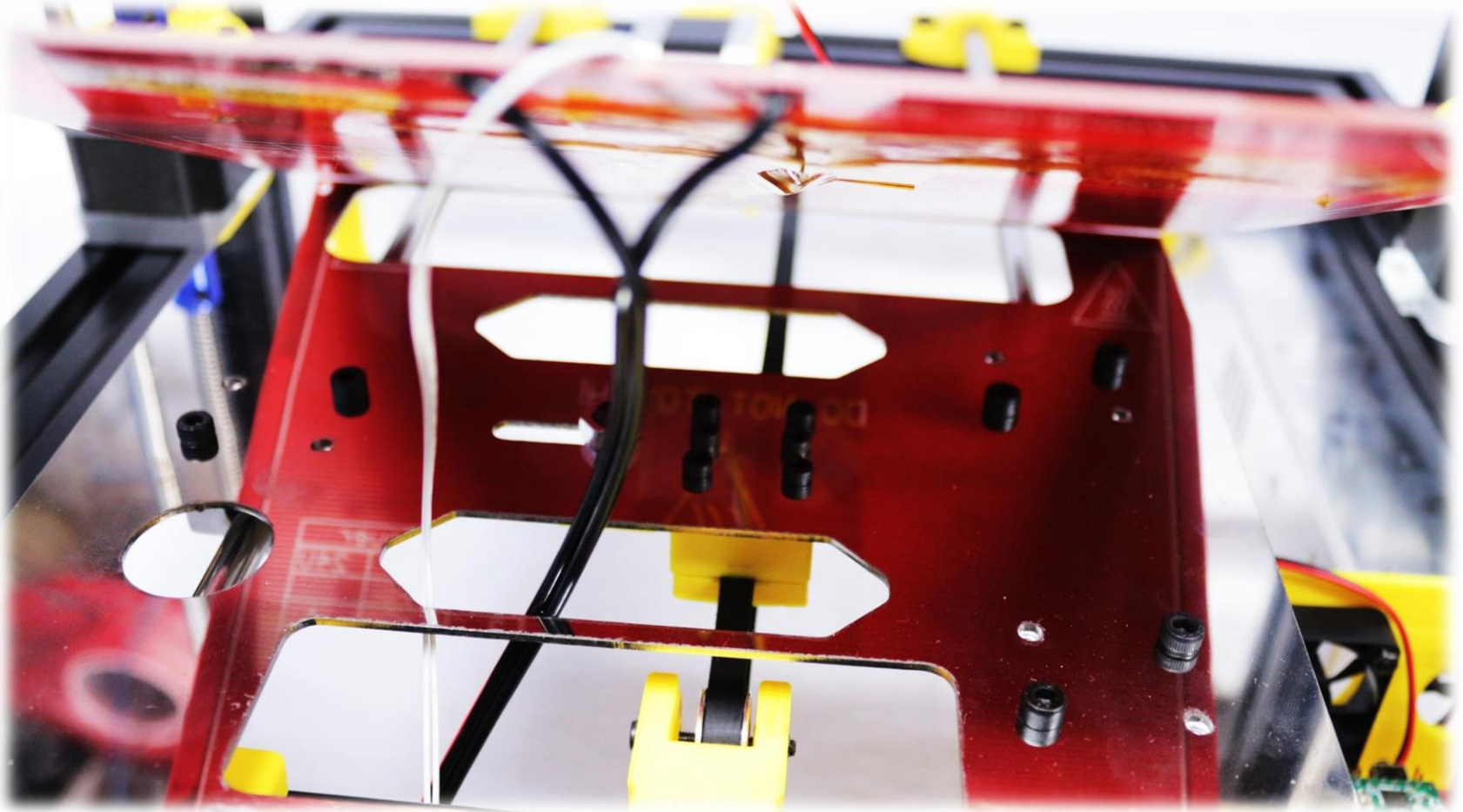


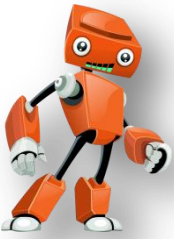
4 Adet / M3 Kelebek Somun
4 Adet / Tabla Yayı
4 Adet / M3x25 İmbus Vida



Adım 34

Head Bed (tabla) 'i Paslanmaz Çelik Tablaya Takma

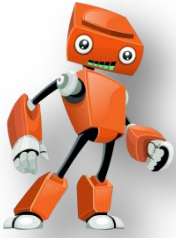




Adım 34

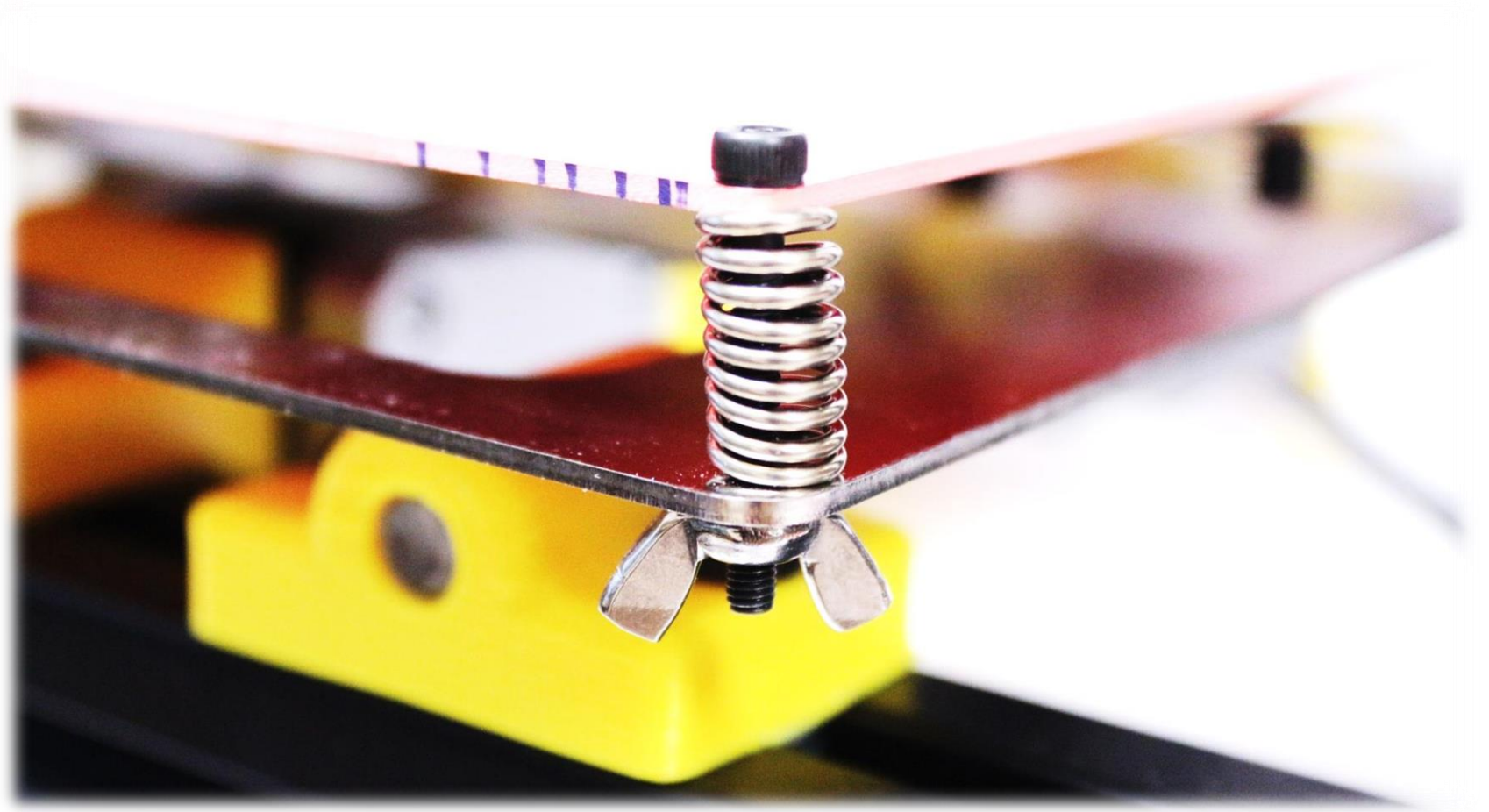
Head Bed (tabla) 'i Paslanmaz Çelik Tablaya Takma

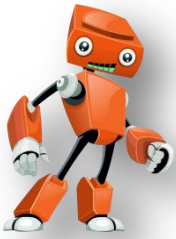




Adım 34

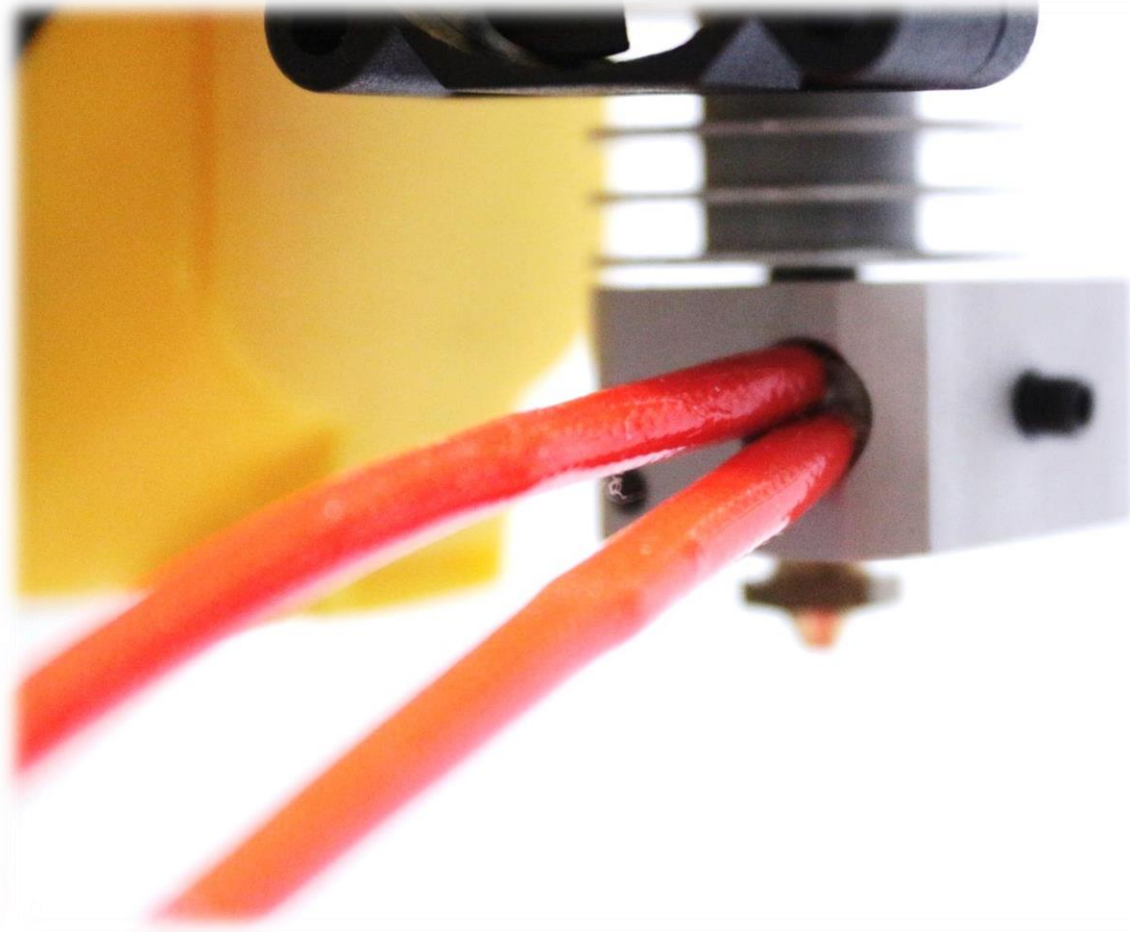
Head Bed (tabla) 'i Paslanmaz Çelik Tablaya Takma

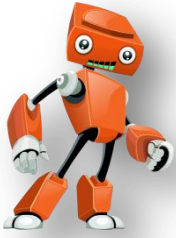




Adım 35

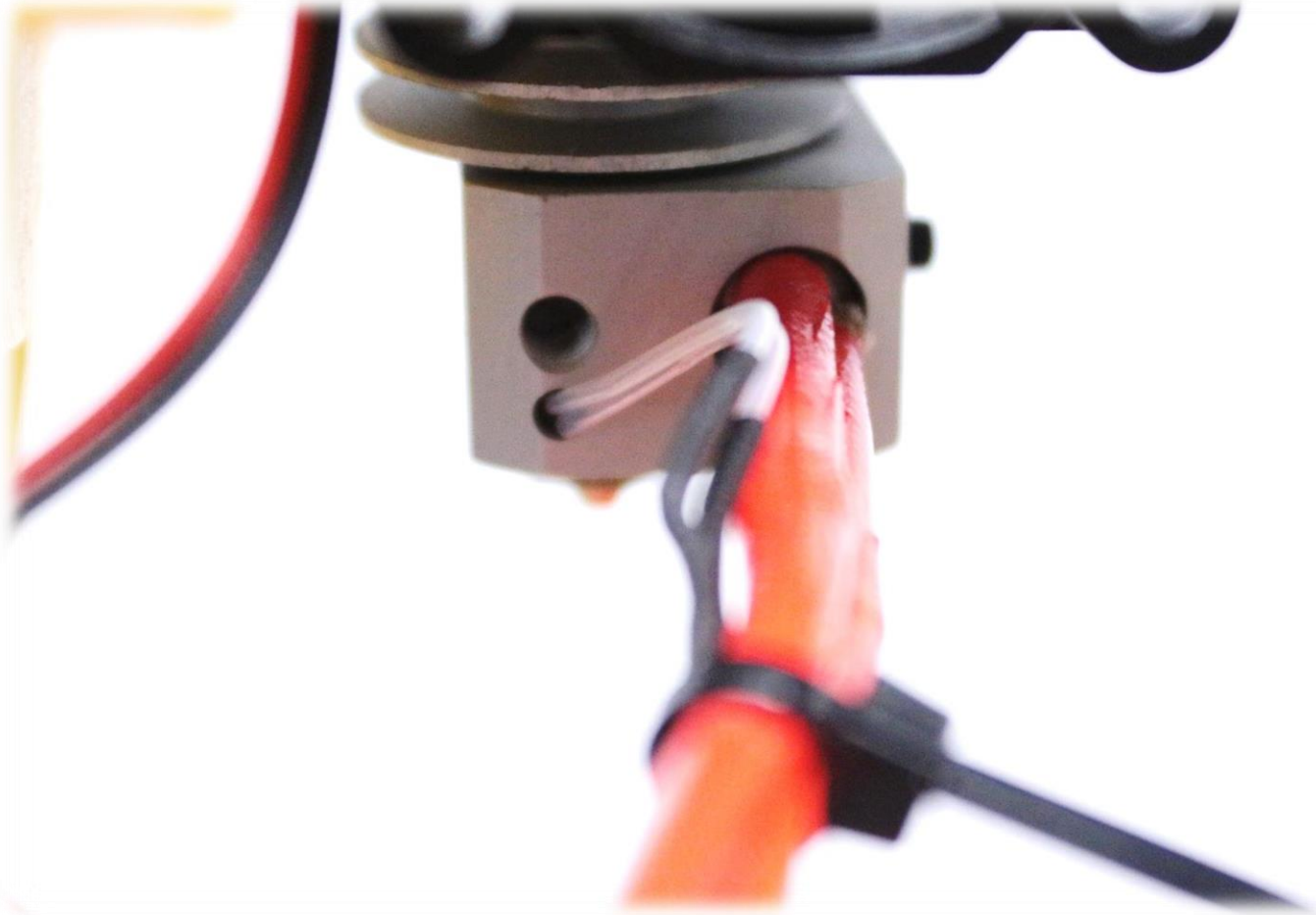
Extruder Kablolama – (Isıtıcı(12-40W) Montajı)

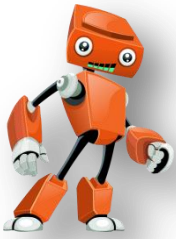




Adım 35

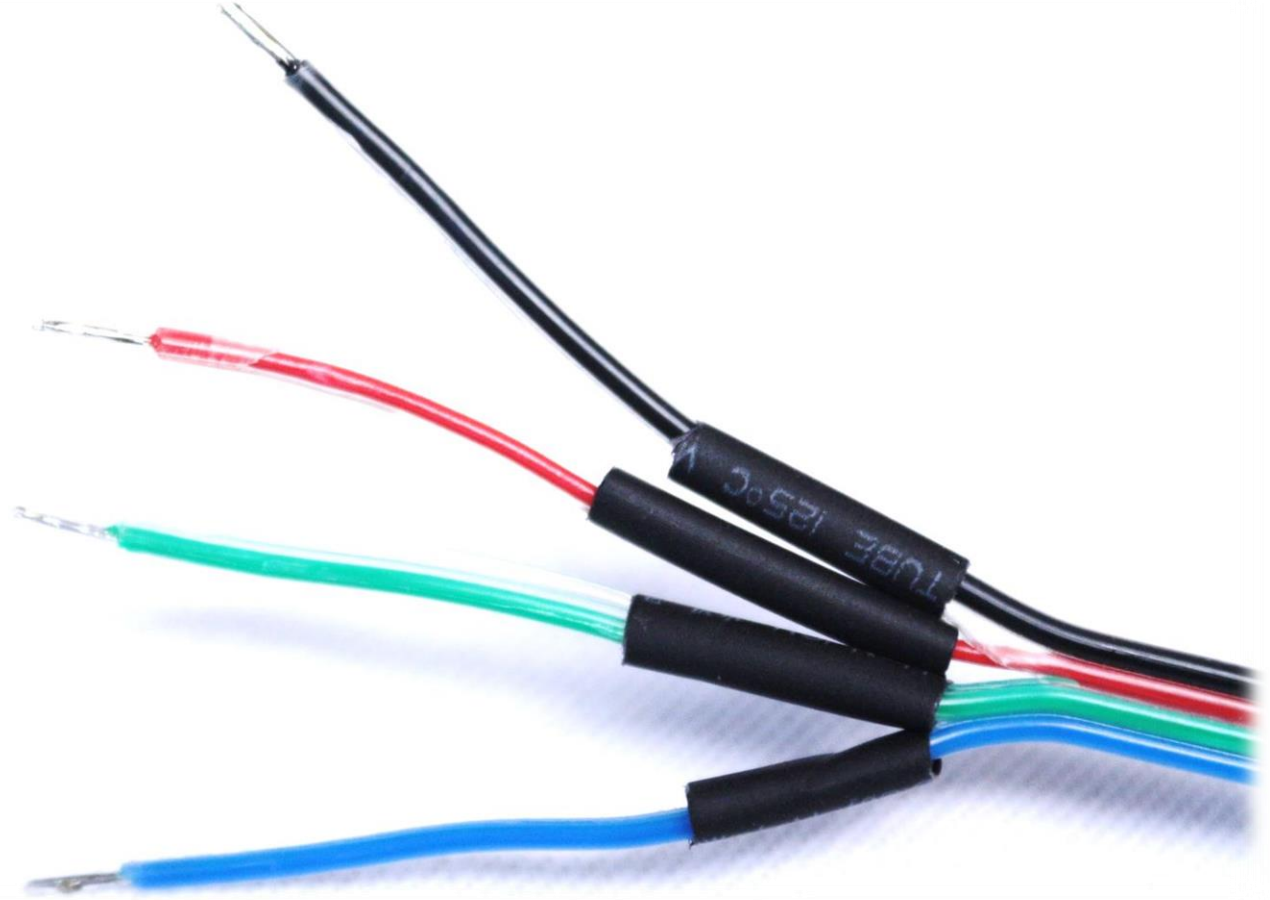
Extruder Kablolama – (100K NTC Montajı)





Adım 35

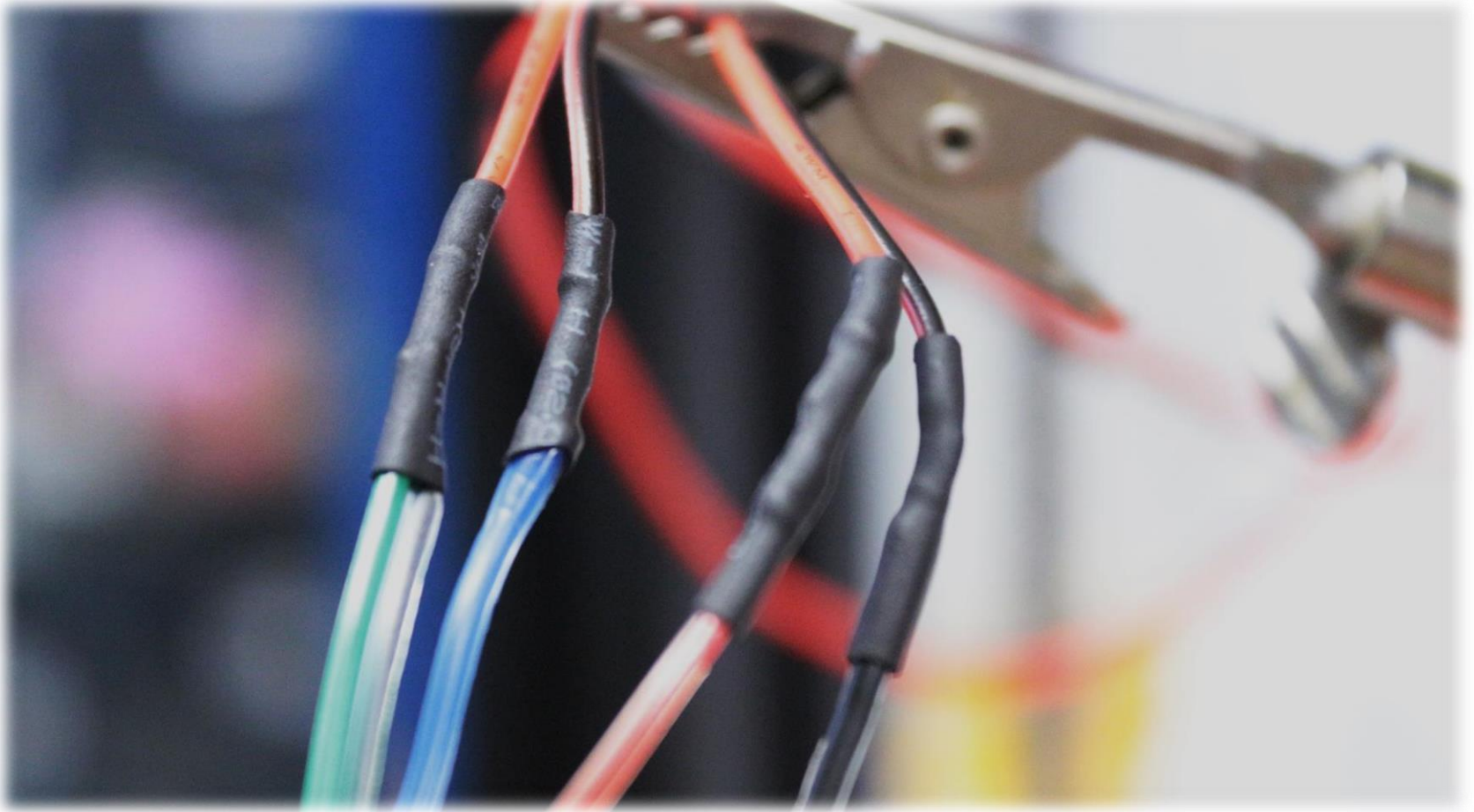
Extruder Kablolama – (Fanların Kablosunu Uzatma)

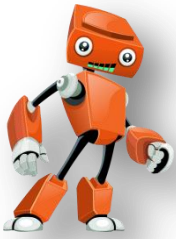




Adım 35

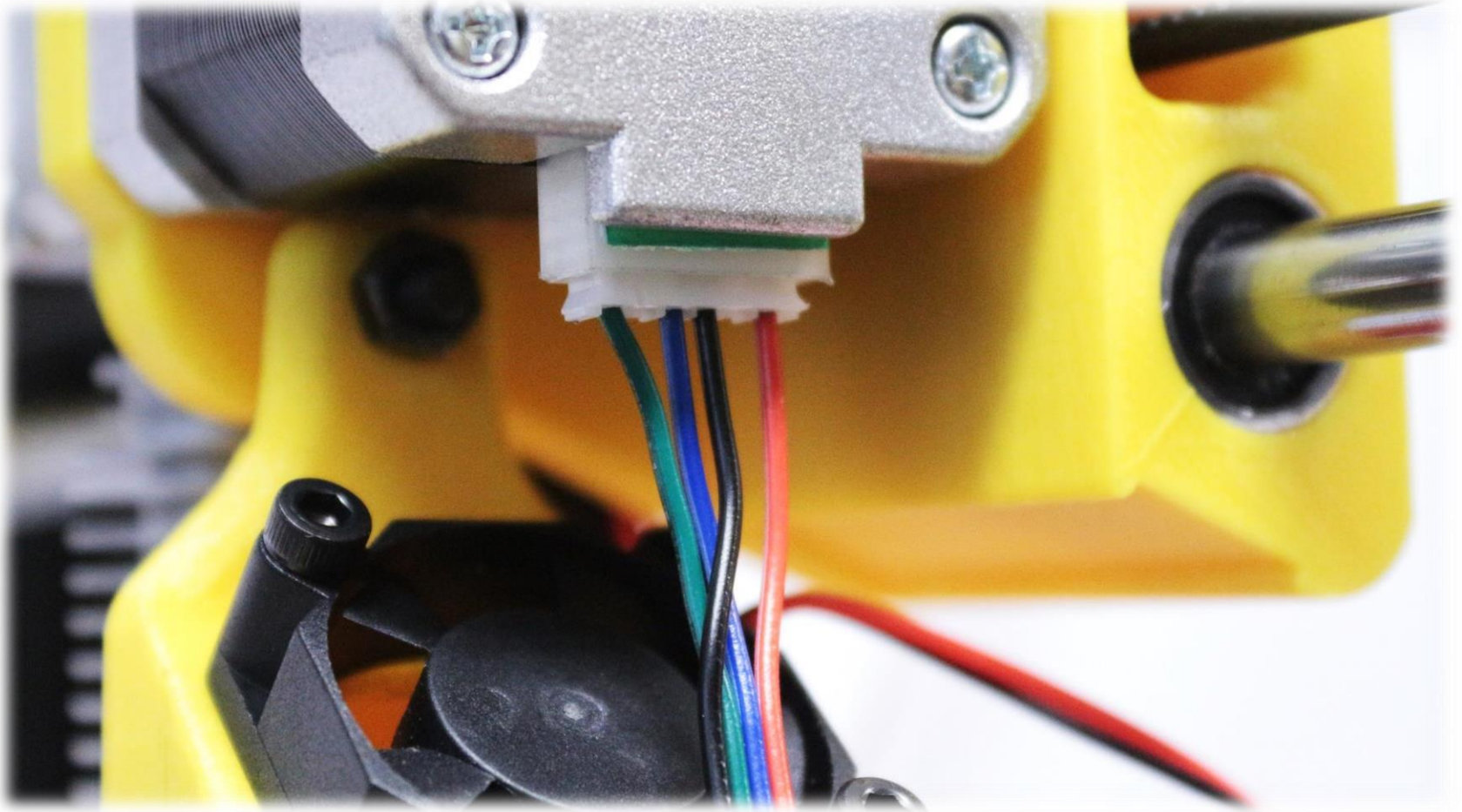
Extruder Kablolama – (Fanların Kablosunu Uzatma)

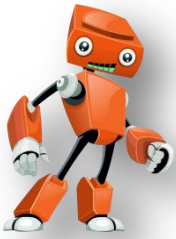




Adım 35

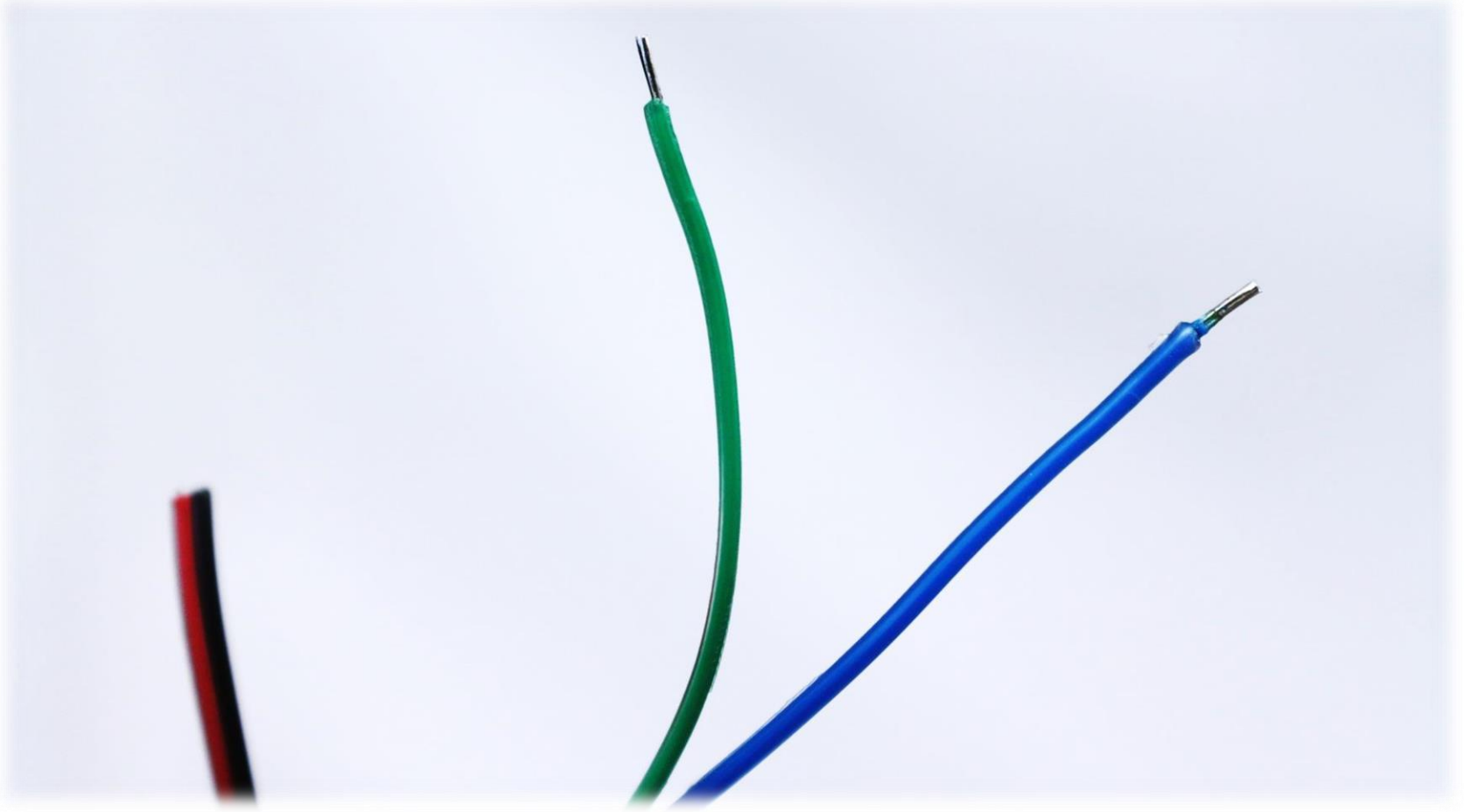
Extruder Kablolama – (Extruder Motor Kablosu Montajı)

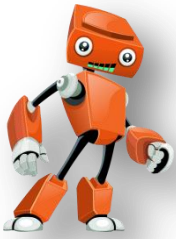




Adım 35

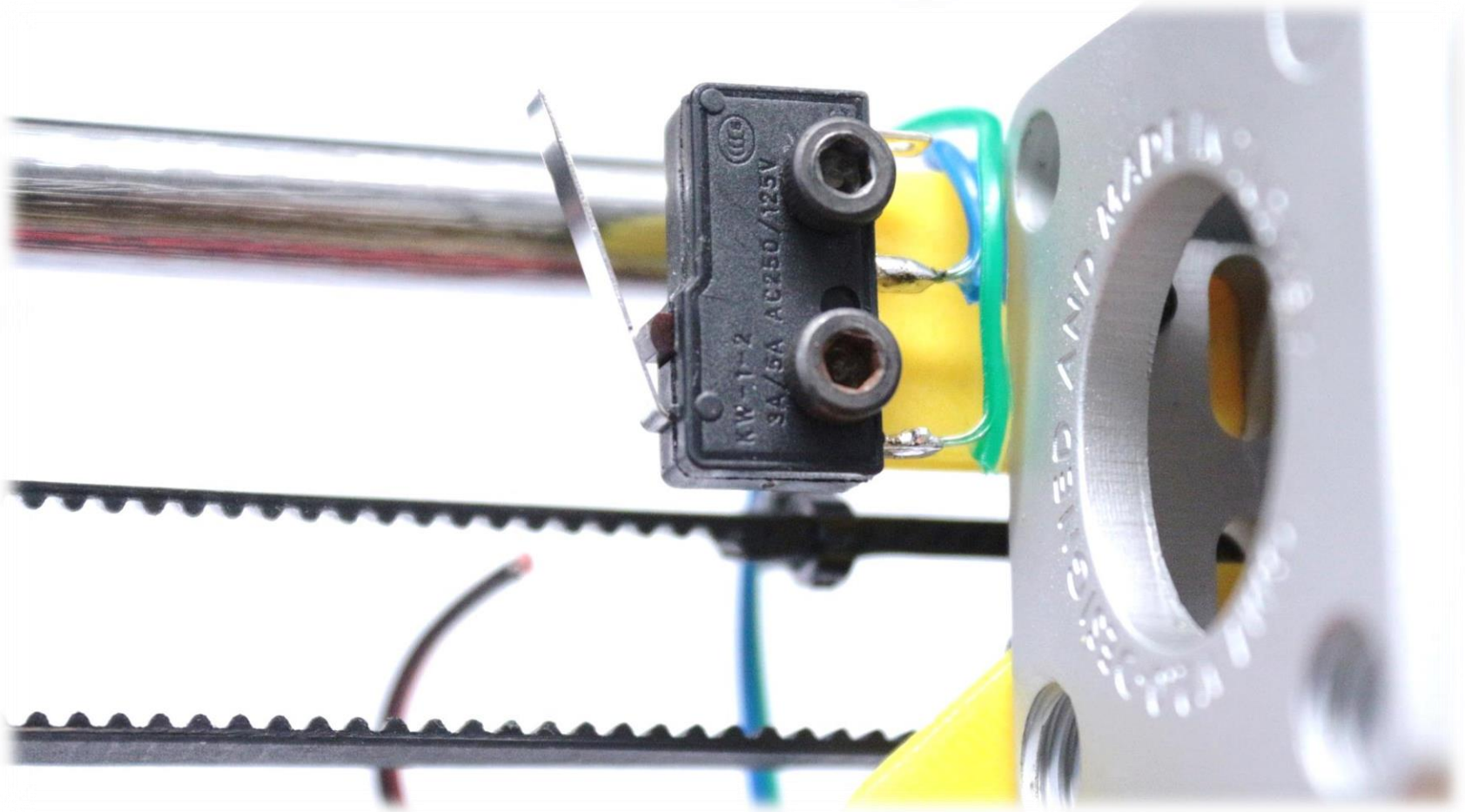
Extruder Kablolama – (Extruder End-Stop Kablolama)

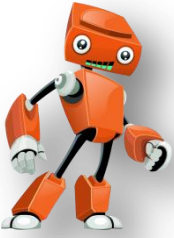




Adım 35

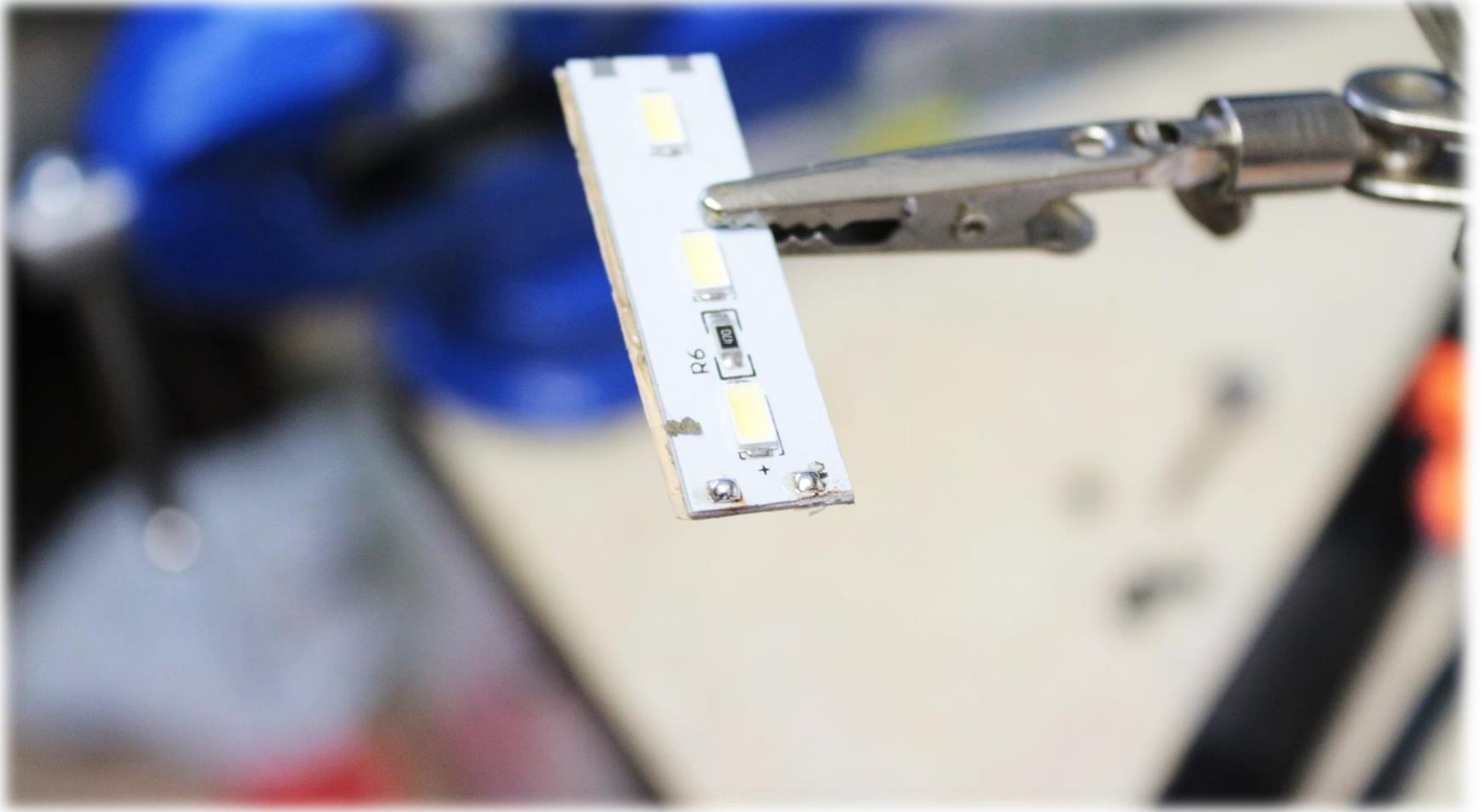
Extruder Kablolama – (Extruder End-Stop Kablolama)

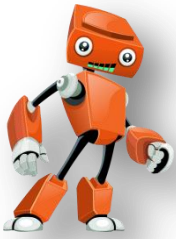




Adım 35

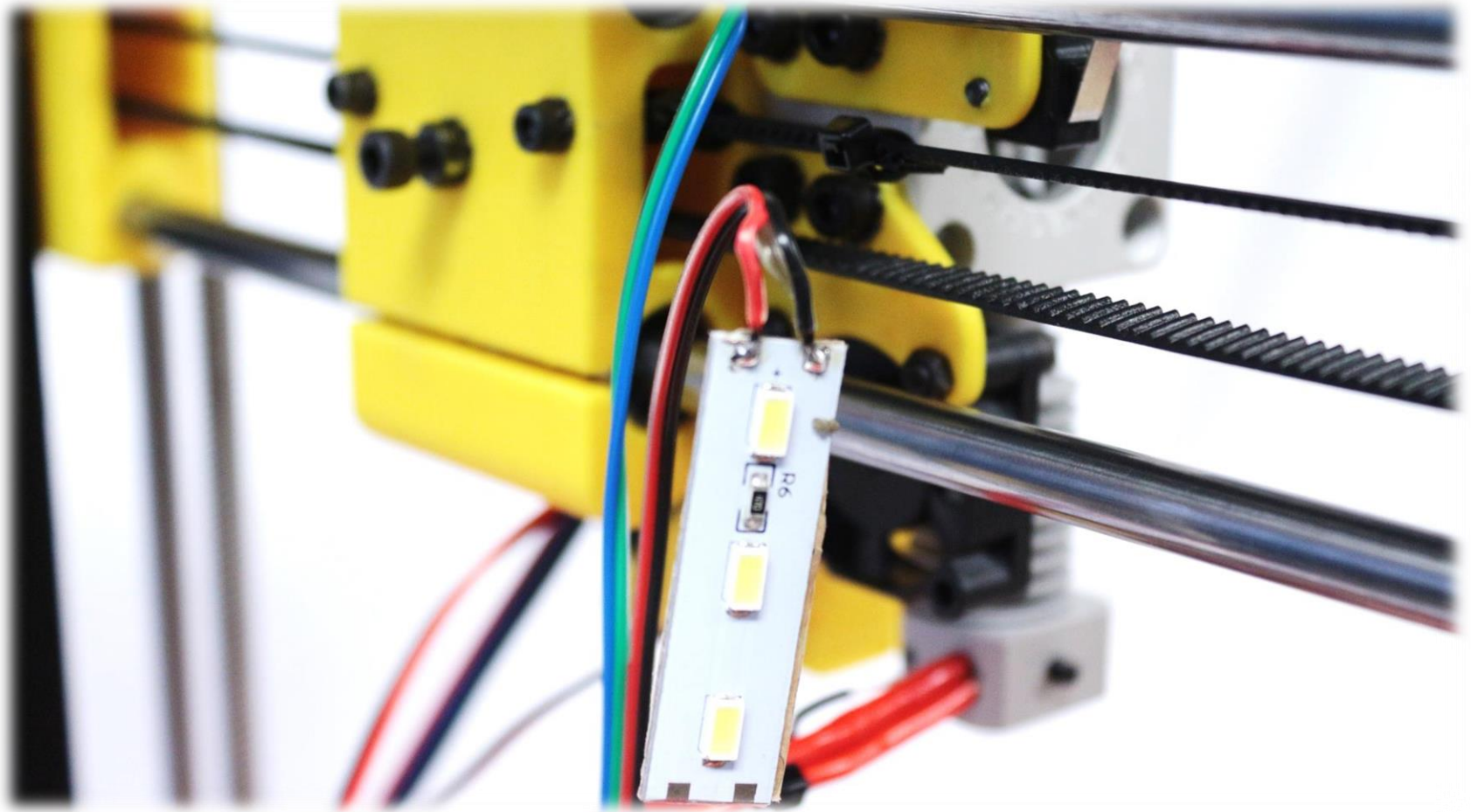
Extruder Kablolama – (Extruder LED Kablolama)

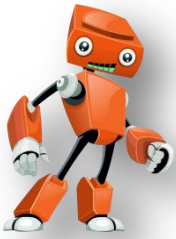




Adım 35

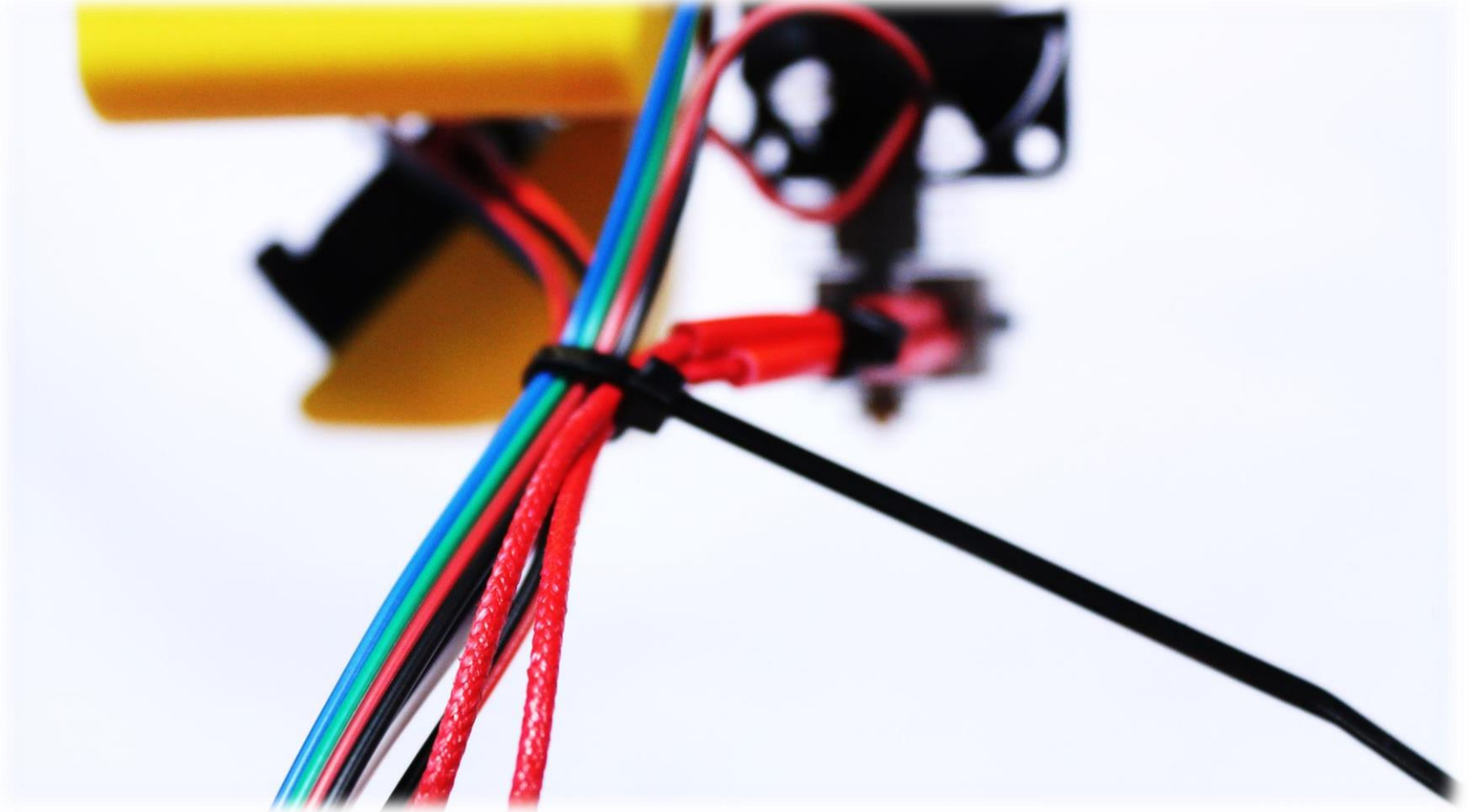
Extruder Kablolama – (Extruder LED Kablolama)

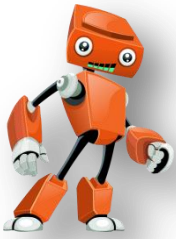




Adım 35

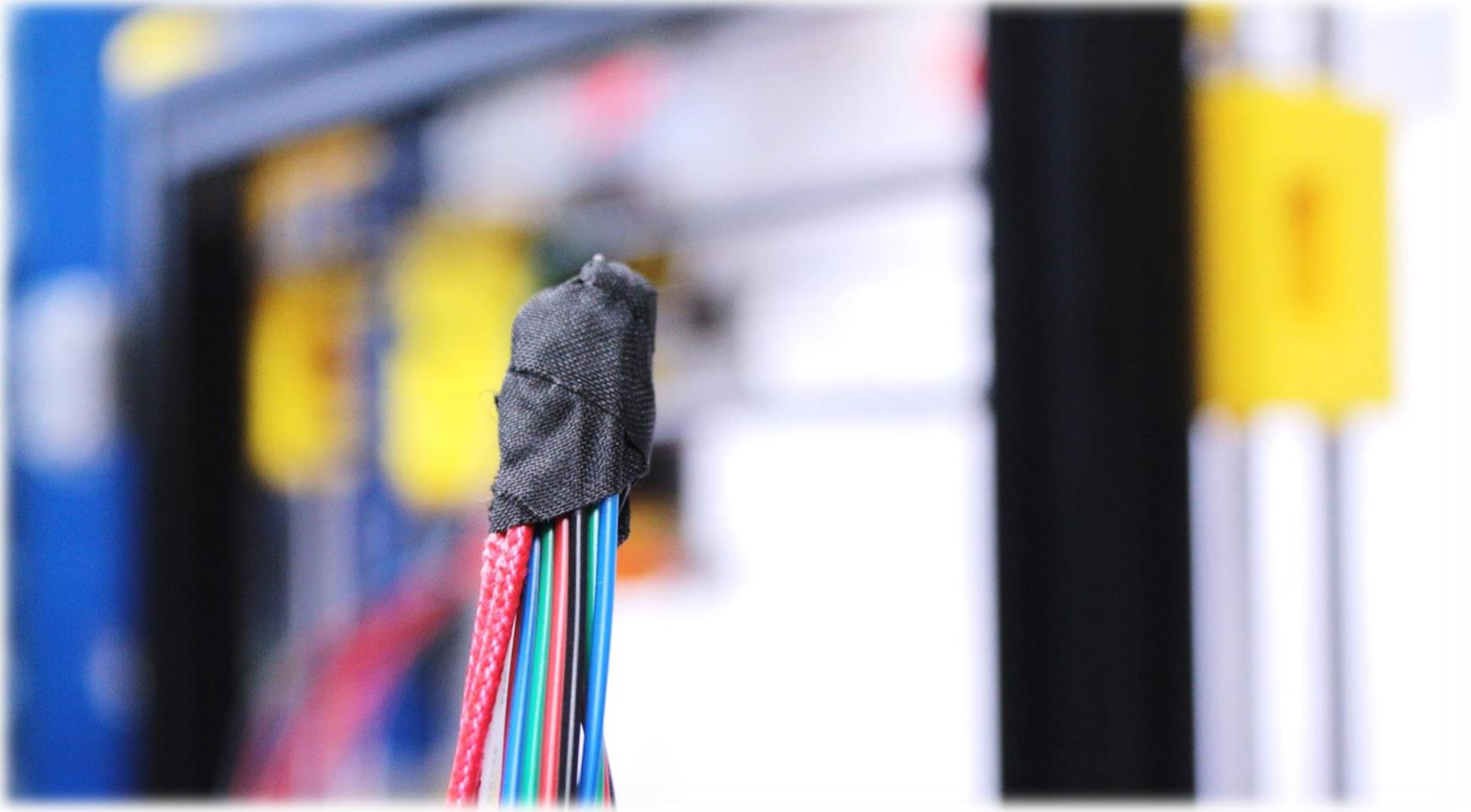
Extruder Kablolama – (Extruder LED Kablolama)

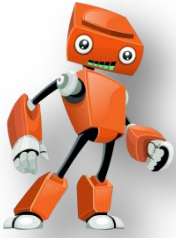




Adım 35

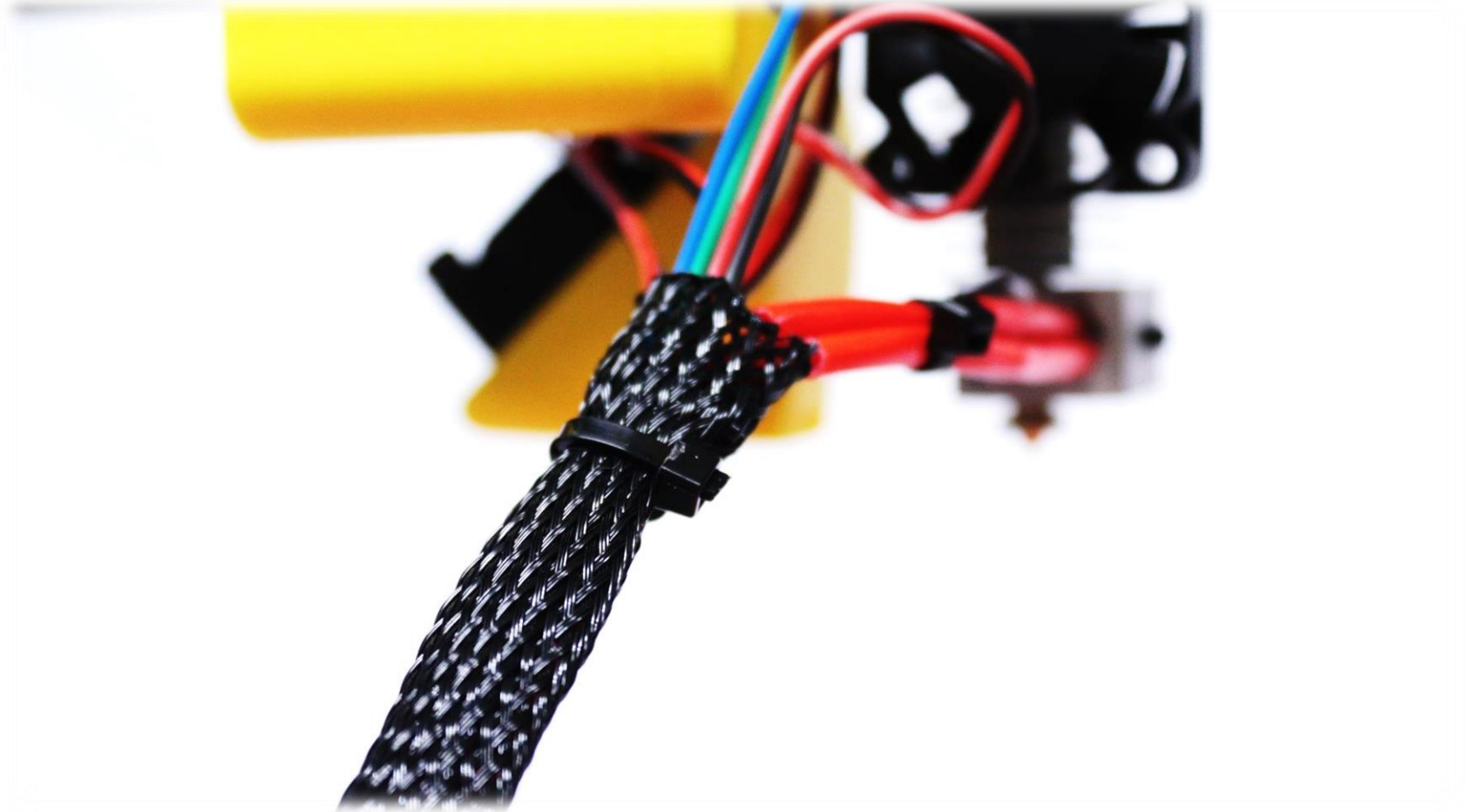
Extruder Kablolama – (Kablo orabı Geirme)





Adım 35

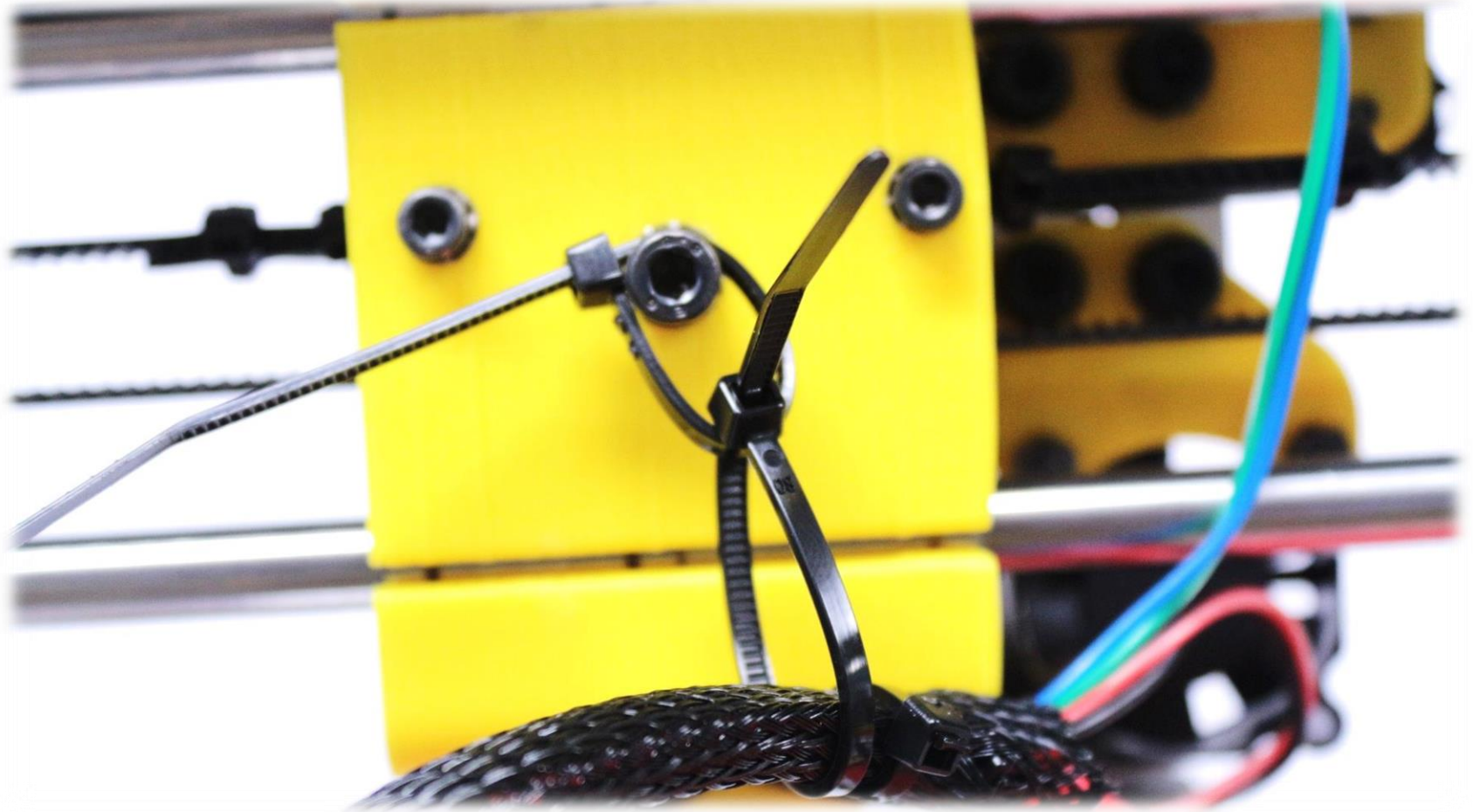
Extruder Kablolama – (Kablo Çorabı Geçirme)





Adım 35

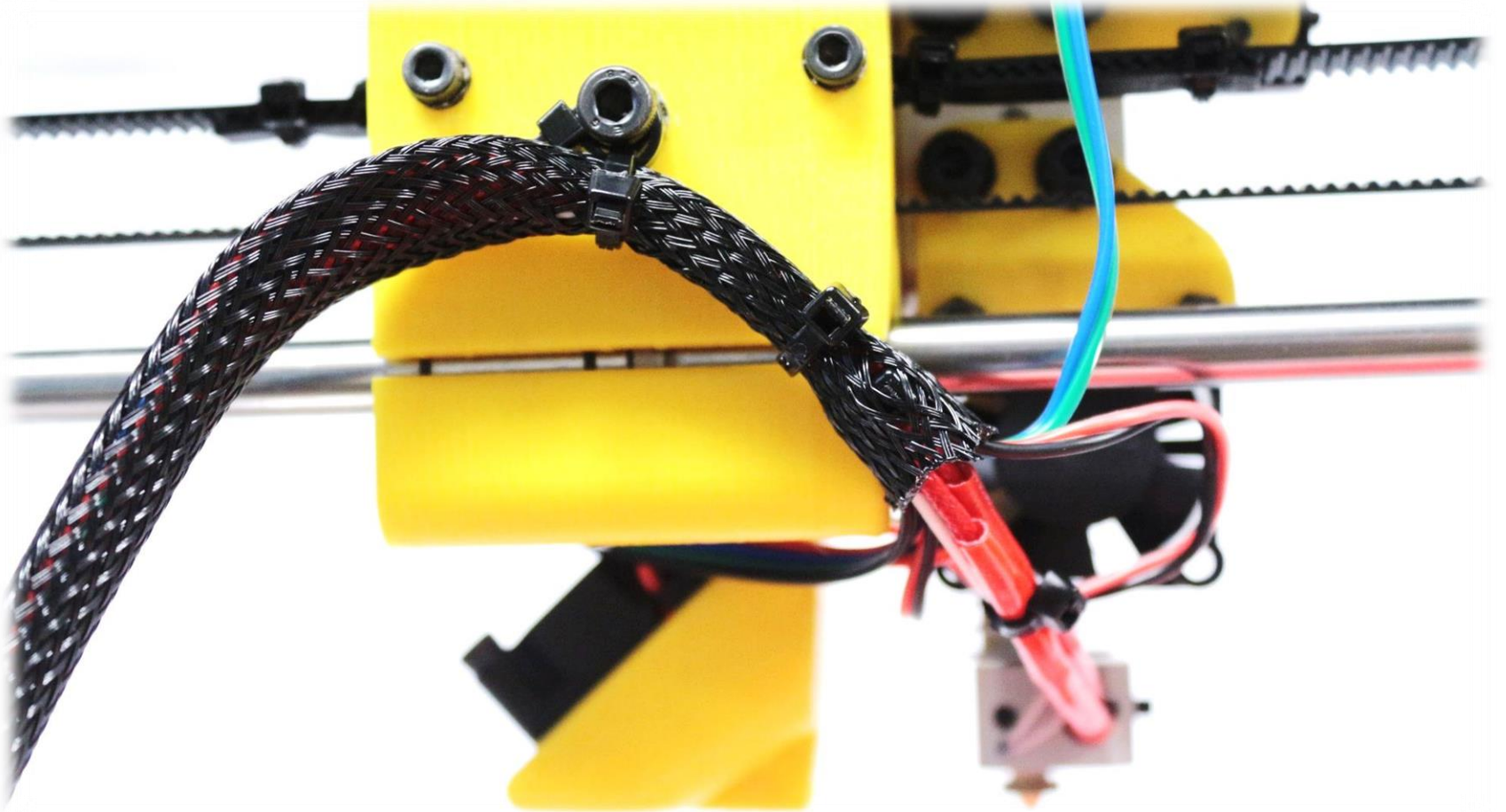
Extruder Kablolama – (Kablo Çorabı Geçirme)





Adım 35

Extruder Kablolama – (Kablo Çorabı Geçirme)



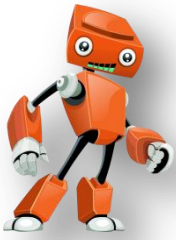


Adım 35

Extruder Kablolama – (Kablo Çorabını Gövdeye Sabitleme)

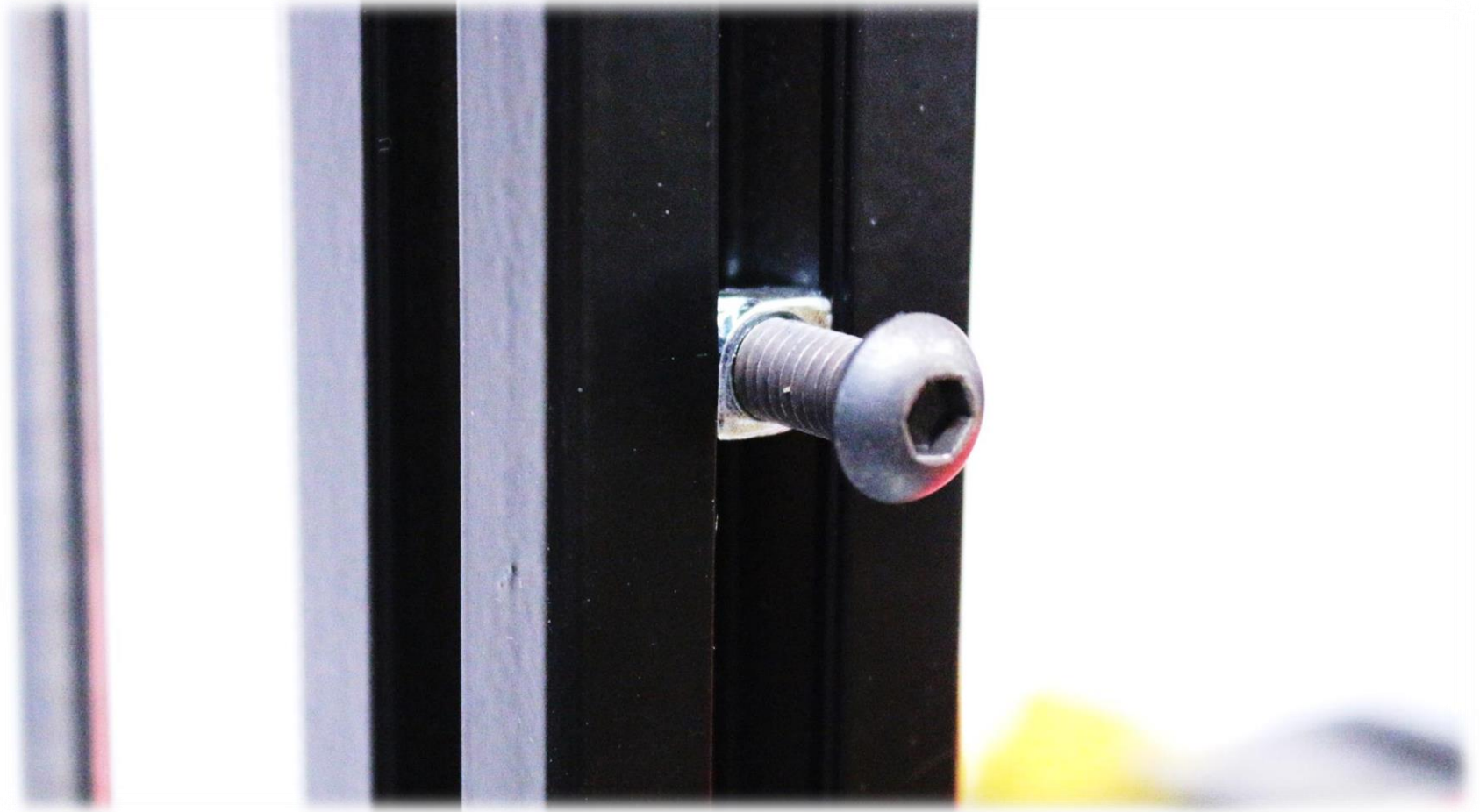


1 Adet / M6x20 BB İmbus Vida
1 Adet M6 Kanal Somun



Adım 35

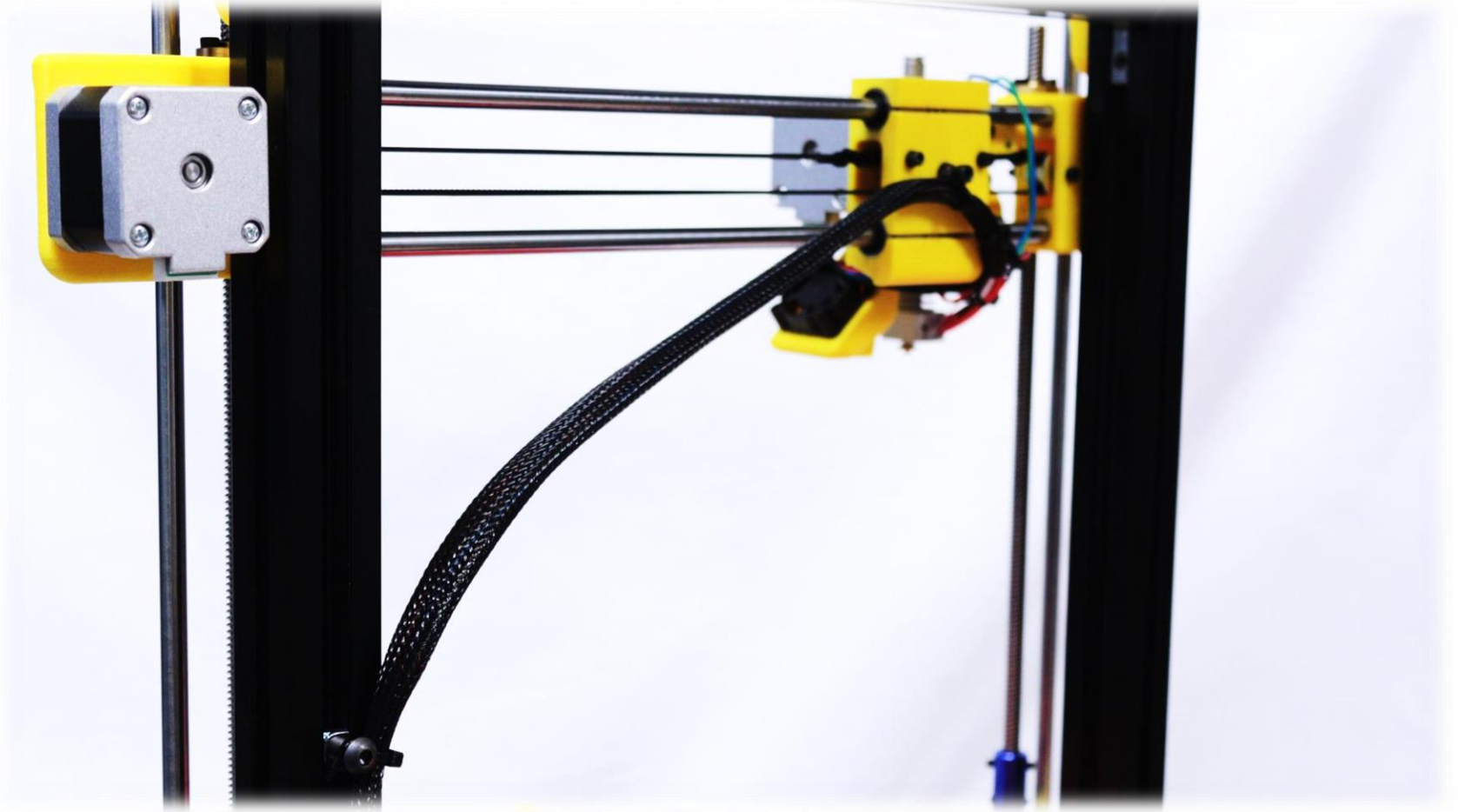
Extruder Kablolama – (Kablo Çorabını Gövdeye Sabitleme)

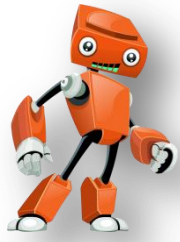




Adım 35

Extruder Kablolama – (Kablo Çorabını Gövdeye Sabitleme)

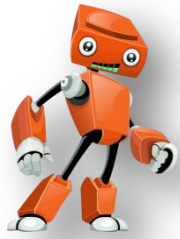




Adım 36

X Eksen Motorunu Kablolama

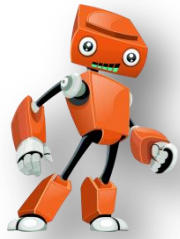




Adım 36

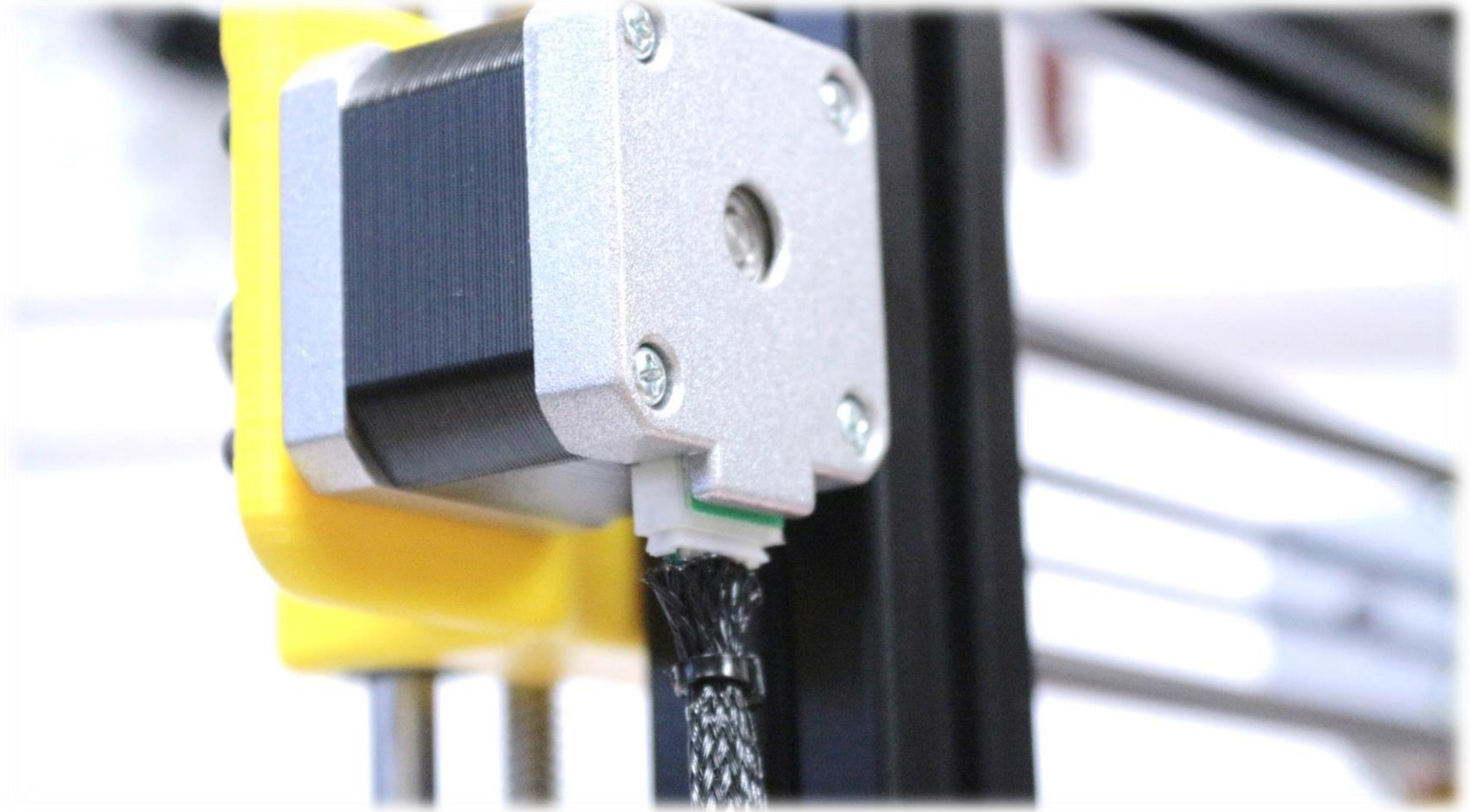
X Eksen Motorunu Kablolama

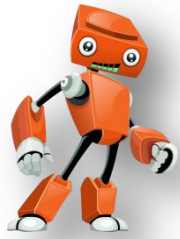




Adım 36

X Eksen Motorunu Kablolama

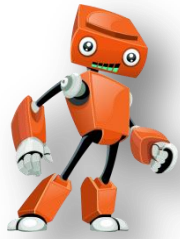




Adım 37

Z Eksen Sol Motoru Kablolama

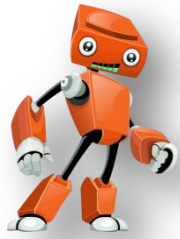




Adım 37

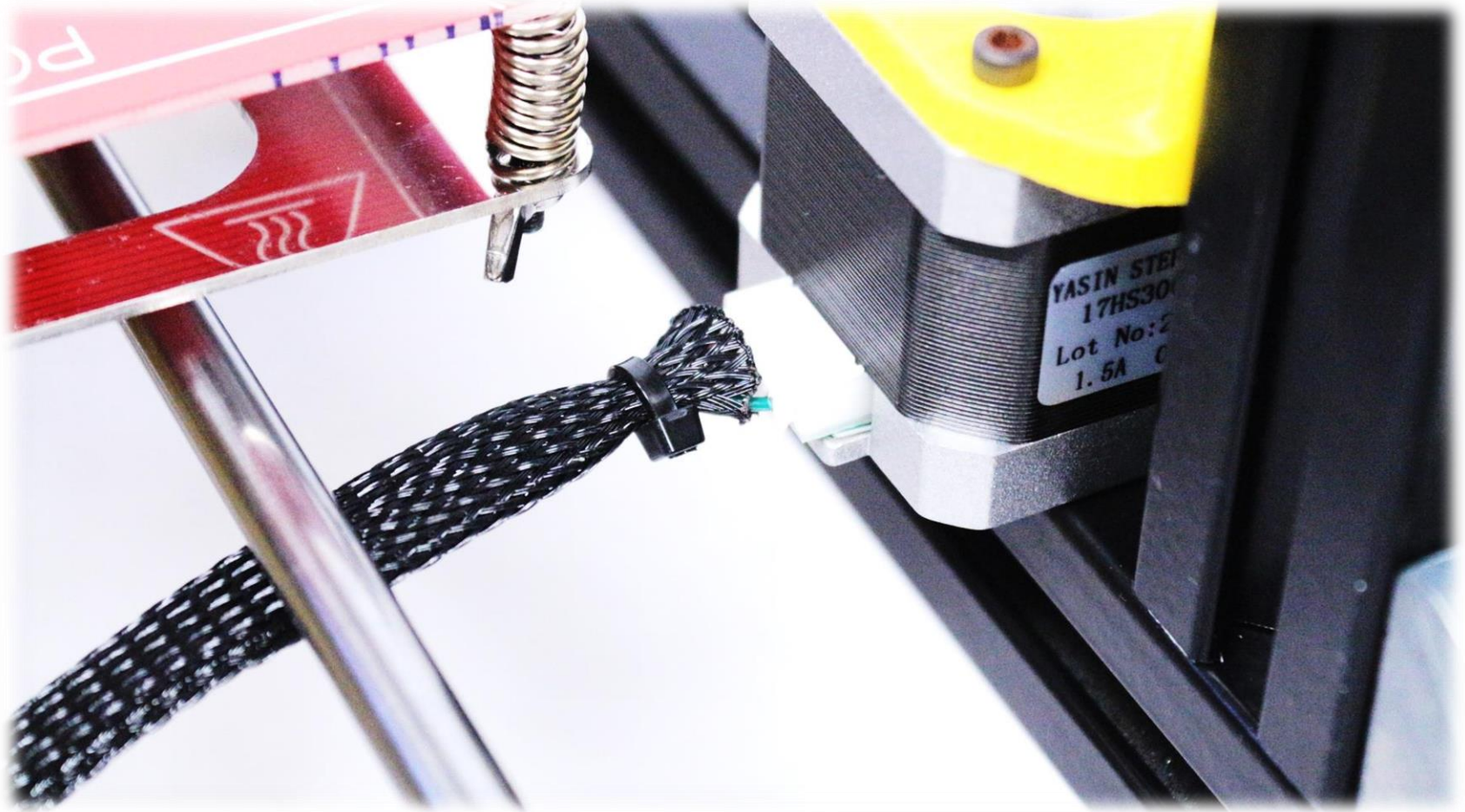
Z Eksen Sol Motoru Kablolama





Adım 37

Z Eksen Sol Motoru Kablolama

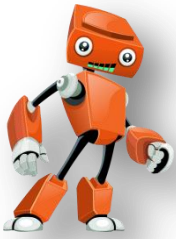




Adım 38

Tabla (Y Eksen) Motorunu Kablolama

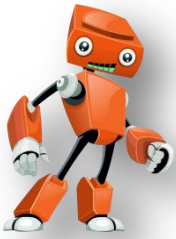




Adım 38

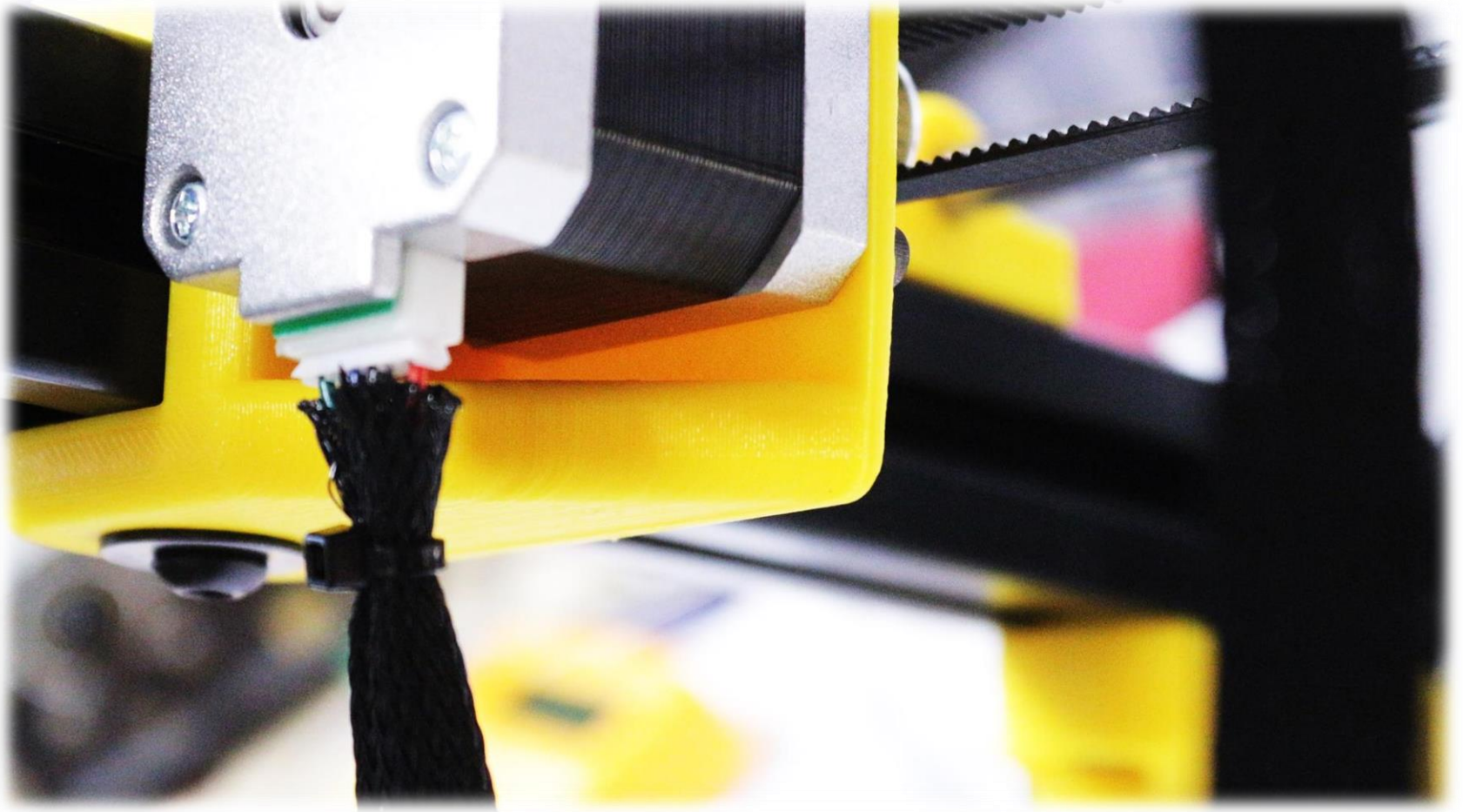
Tabla (Y Eksen) Motorunu Kablolama

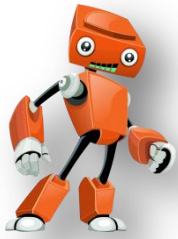




Adım 38

Tabla (Y Eksen) Motorunu Kablolama

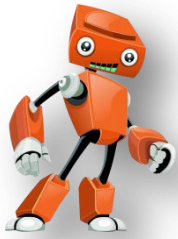




Adım 39

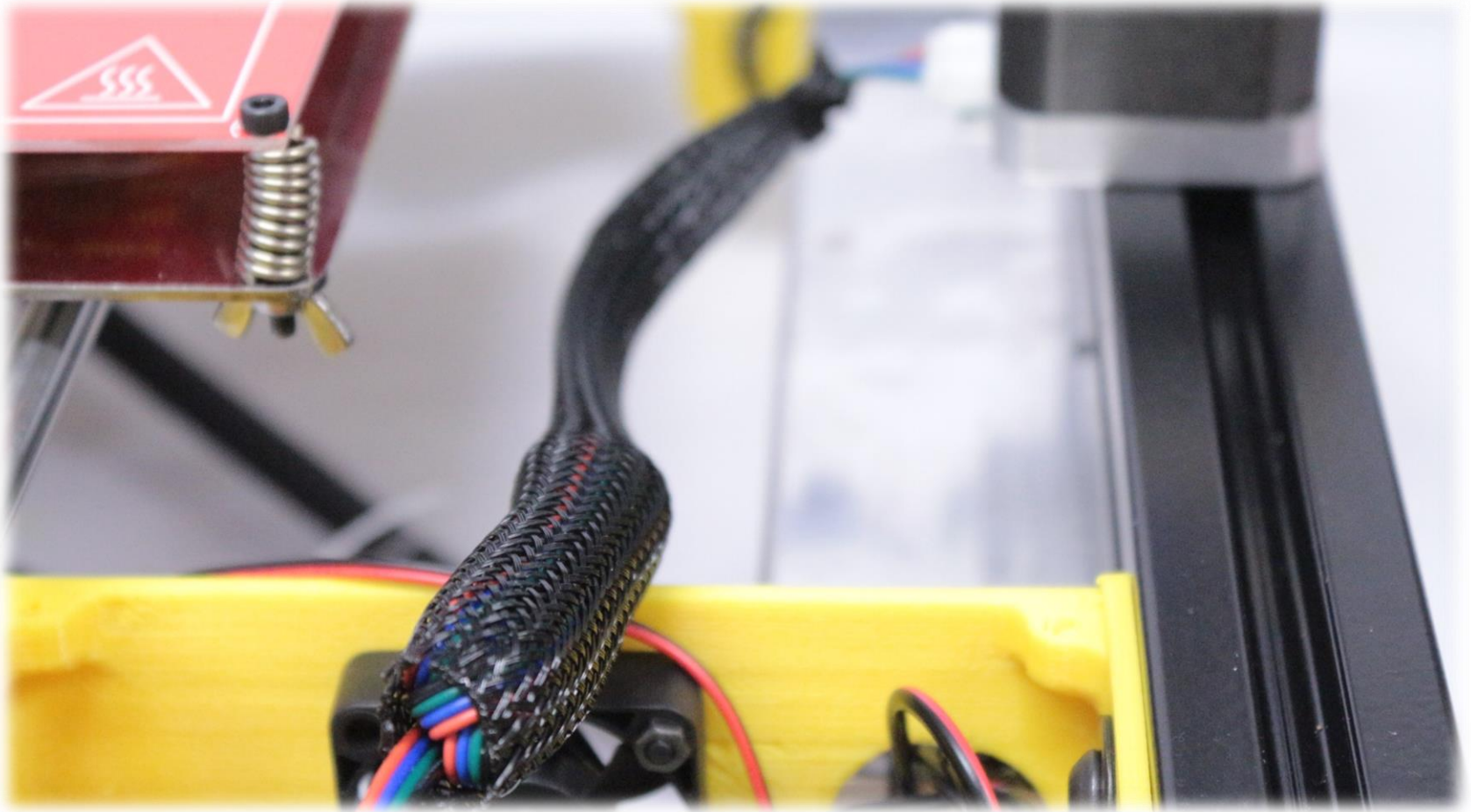
Z Eksen Sağ Motoru Kablolama

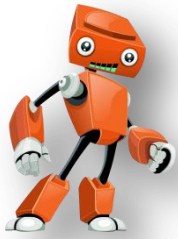




Adım 39

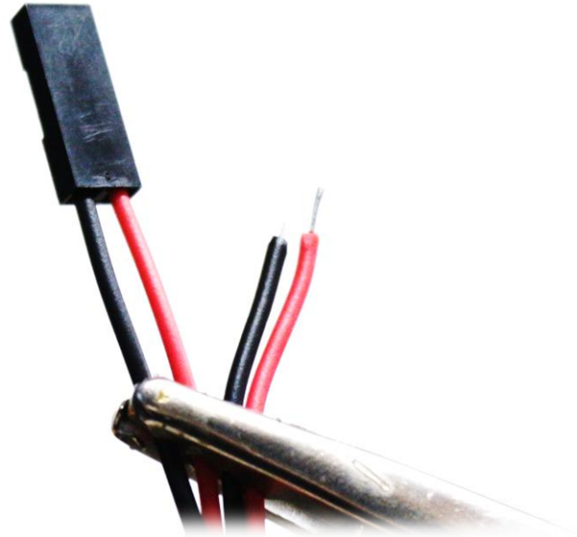
Z Eksen Sağ Motoru Kablolama

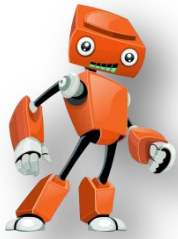




Adım 40

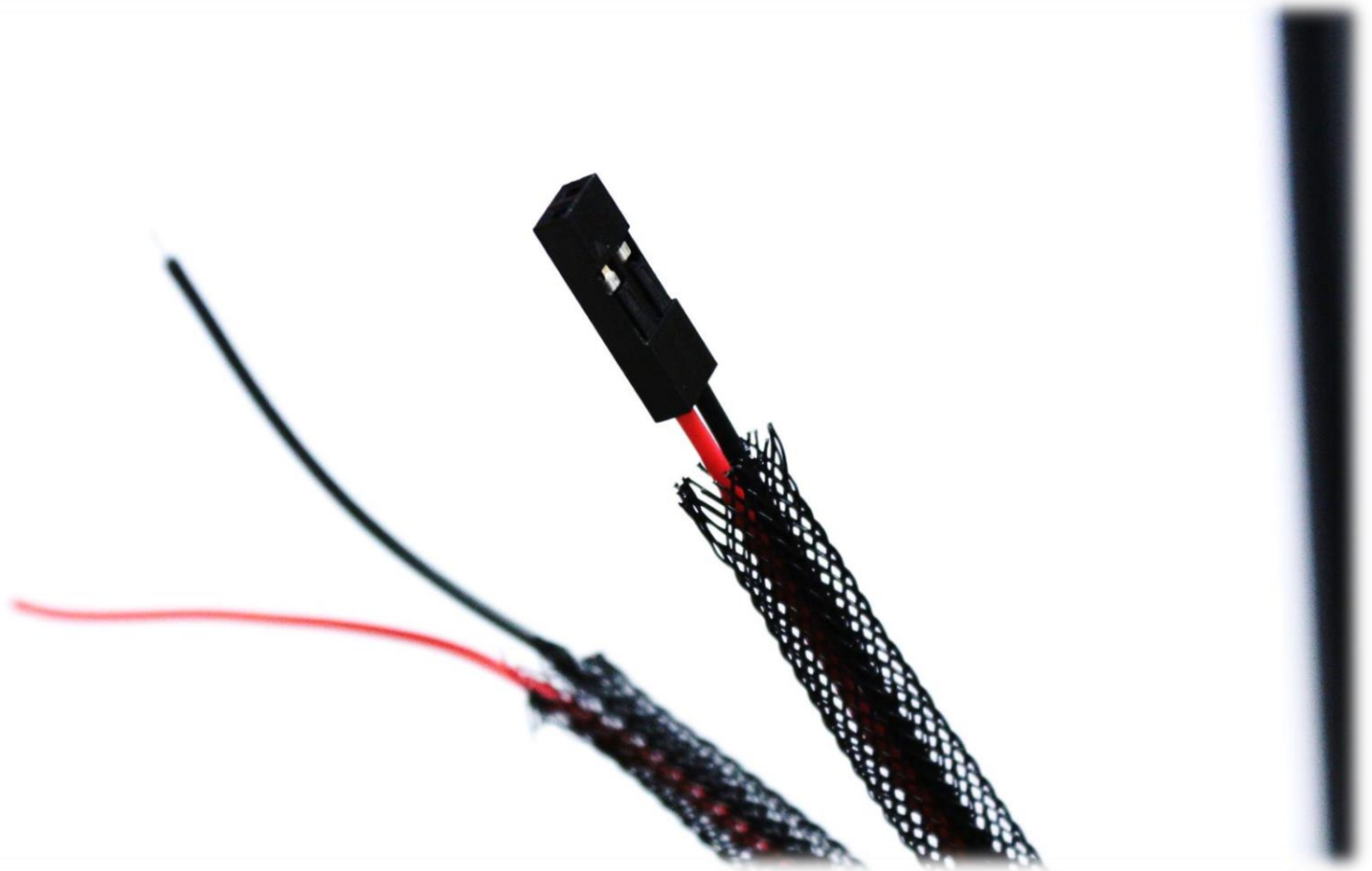
Z Eksen End-Stop Kablolama

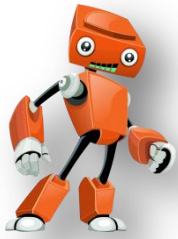




Adım 40

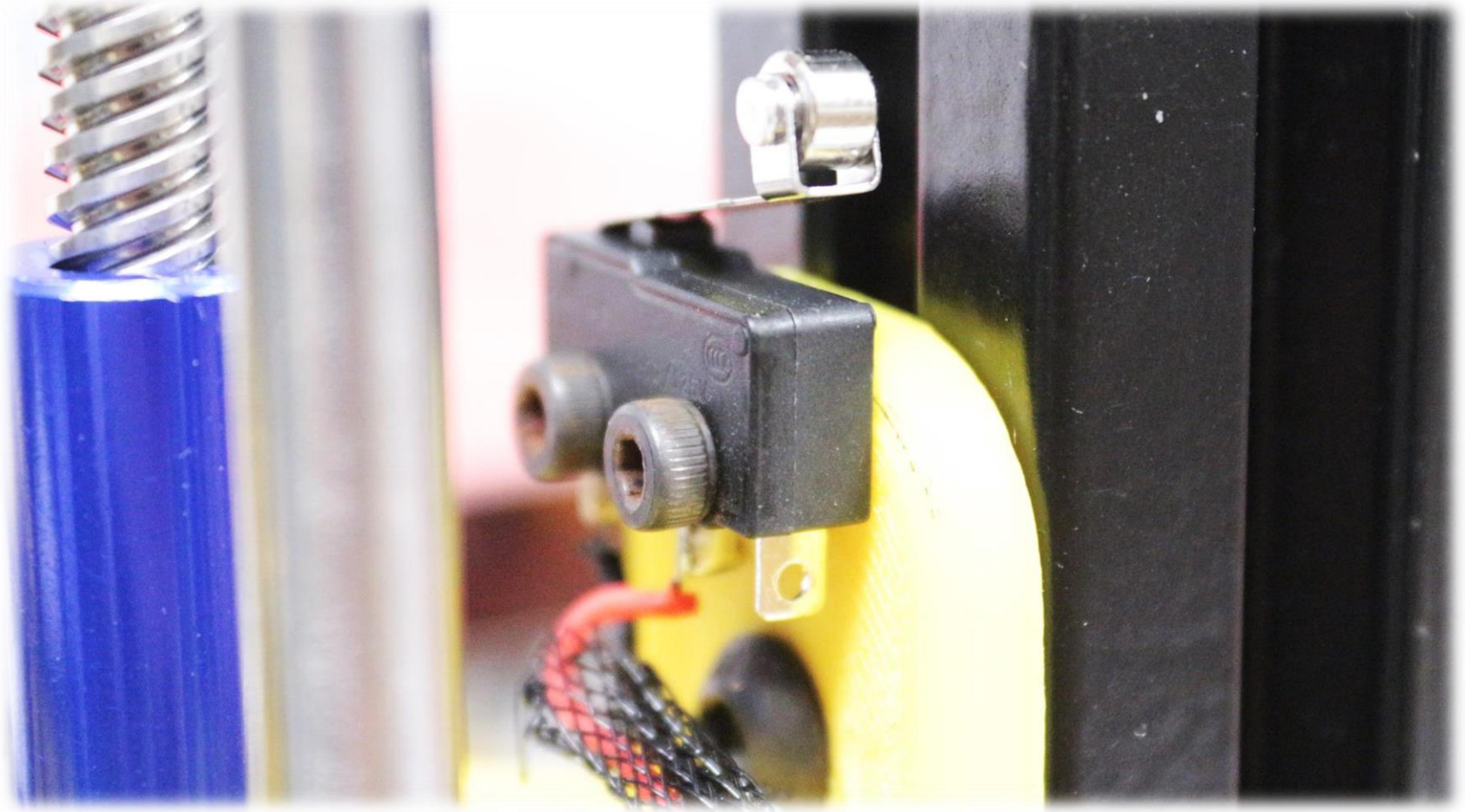
Z Eksen End-Stop Kablolama

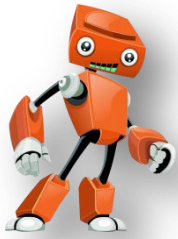




Adım 40

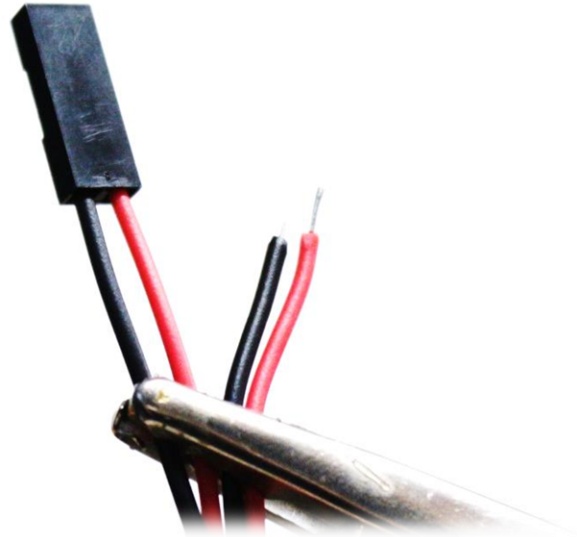
Z Eksen End-Stop Kablolama

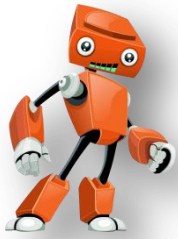




Adım 41

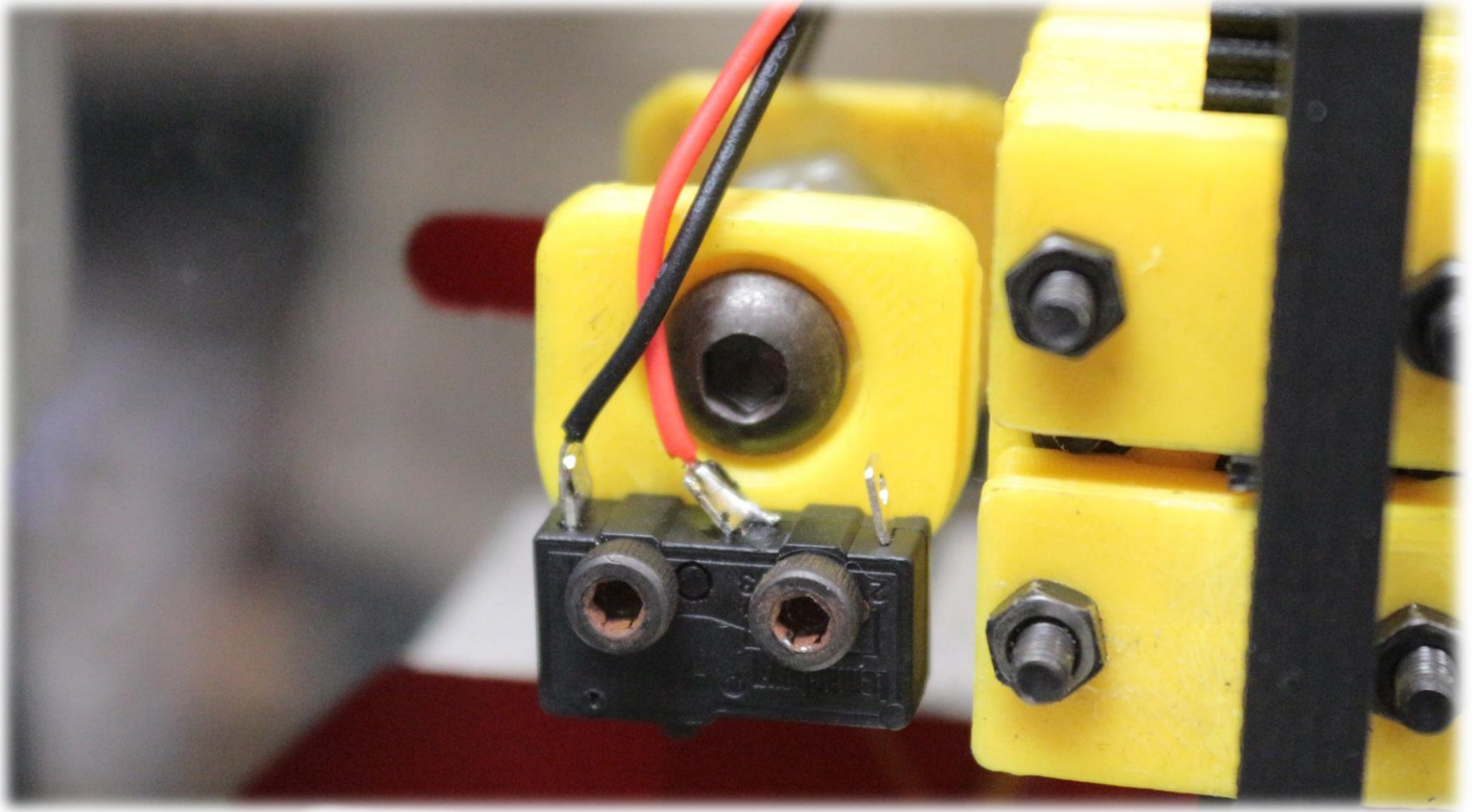
Y Eksen End-Stop Kablolama

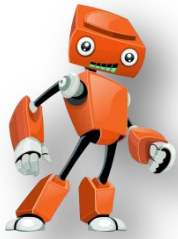




Adım 41

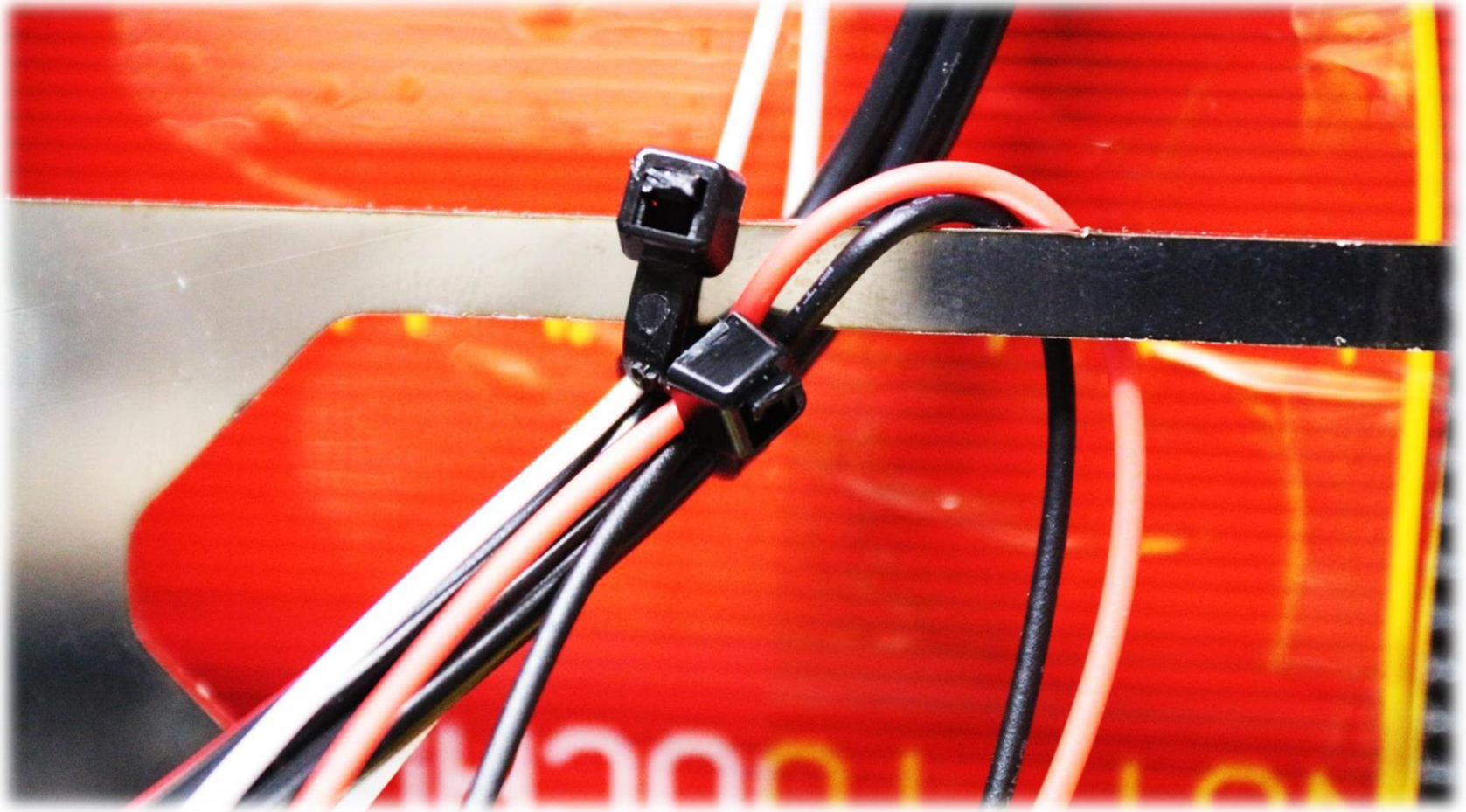
Y Eksen End-Stop Kablolama

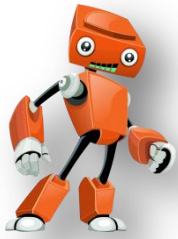




Adım 42

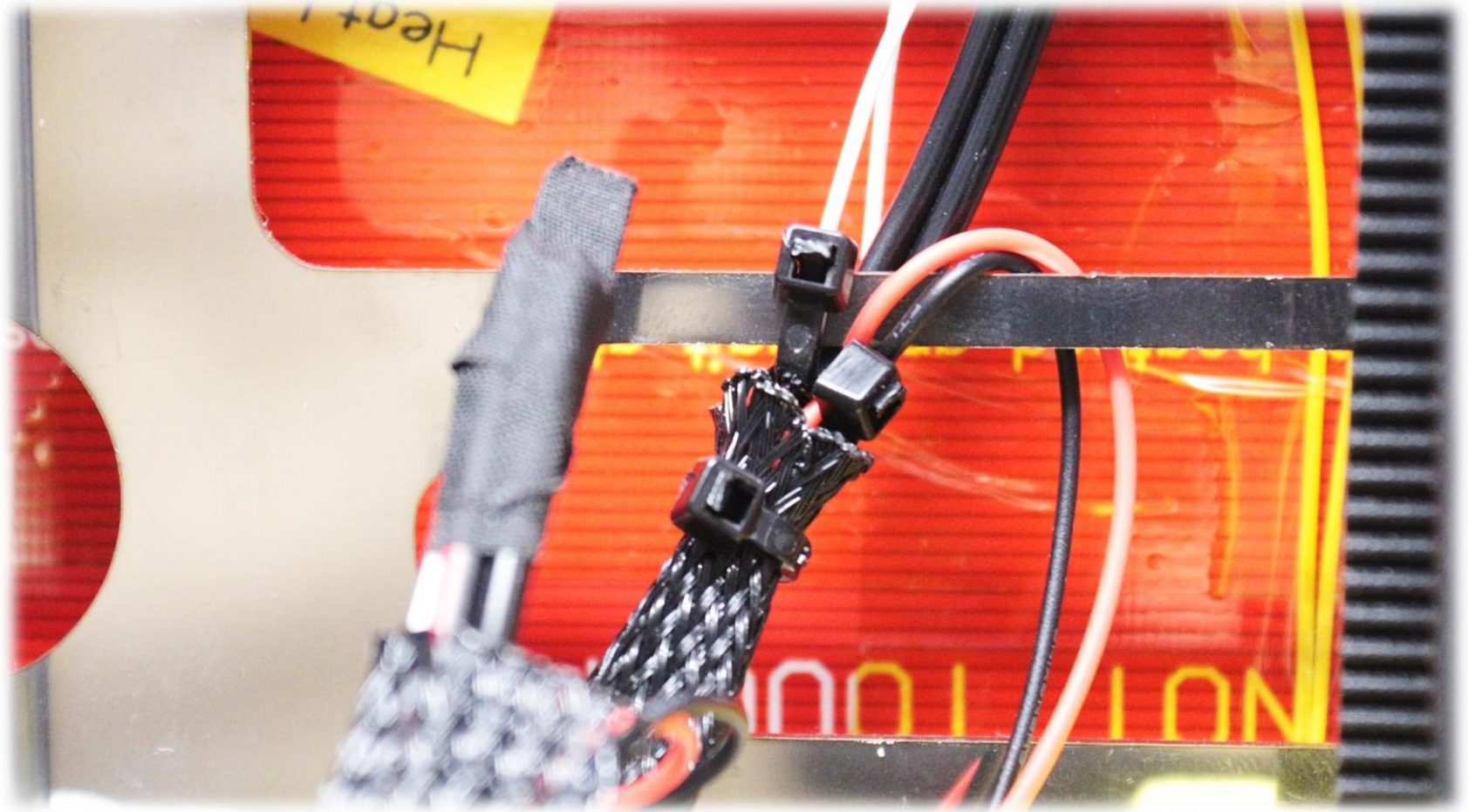
Tabla Kablolama

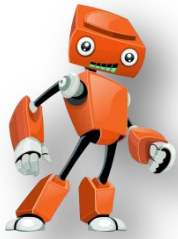




Adım 42

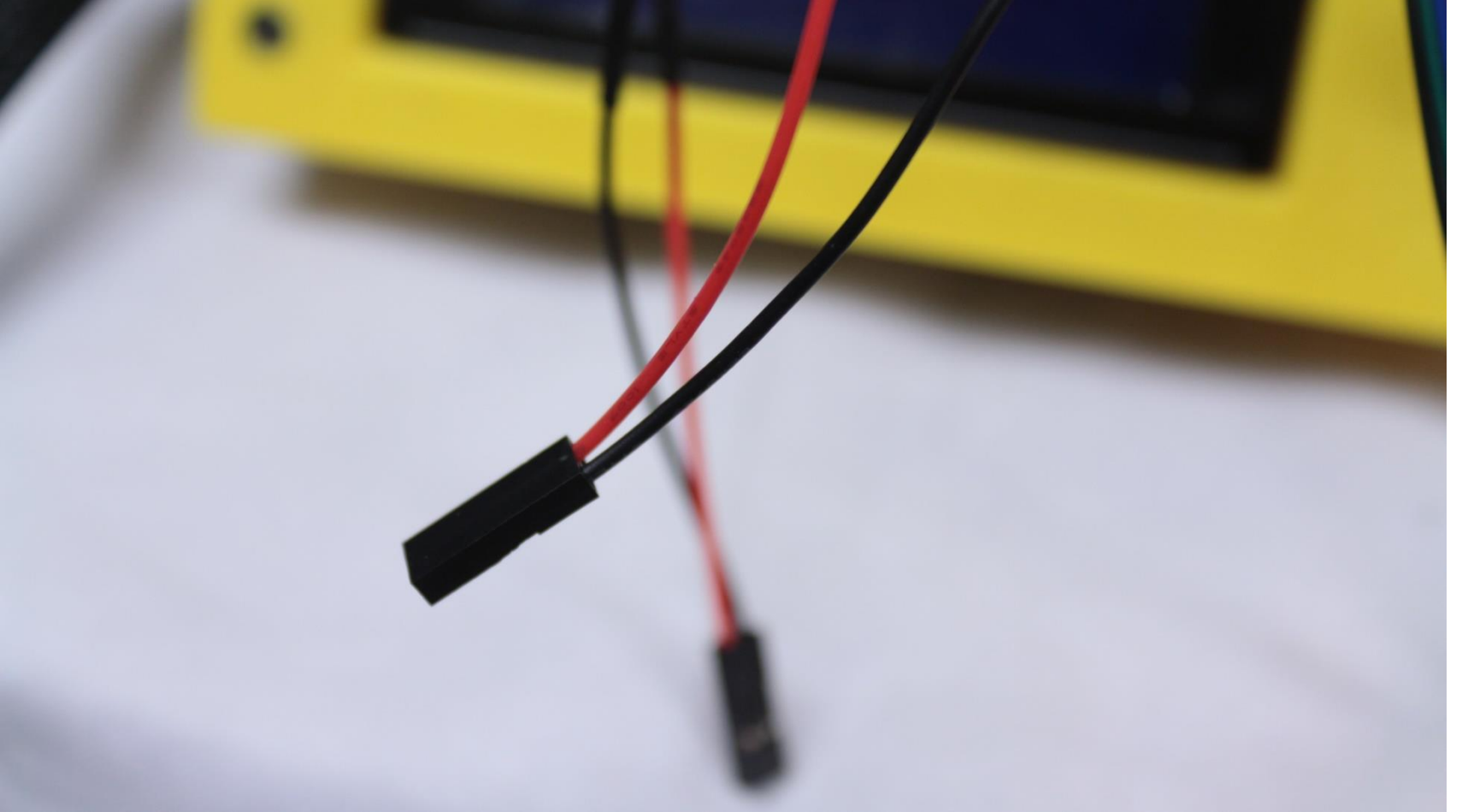
Tabla Kablolama

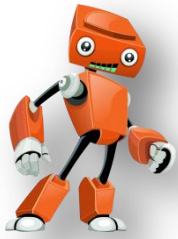




Adım 42

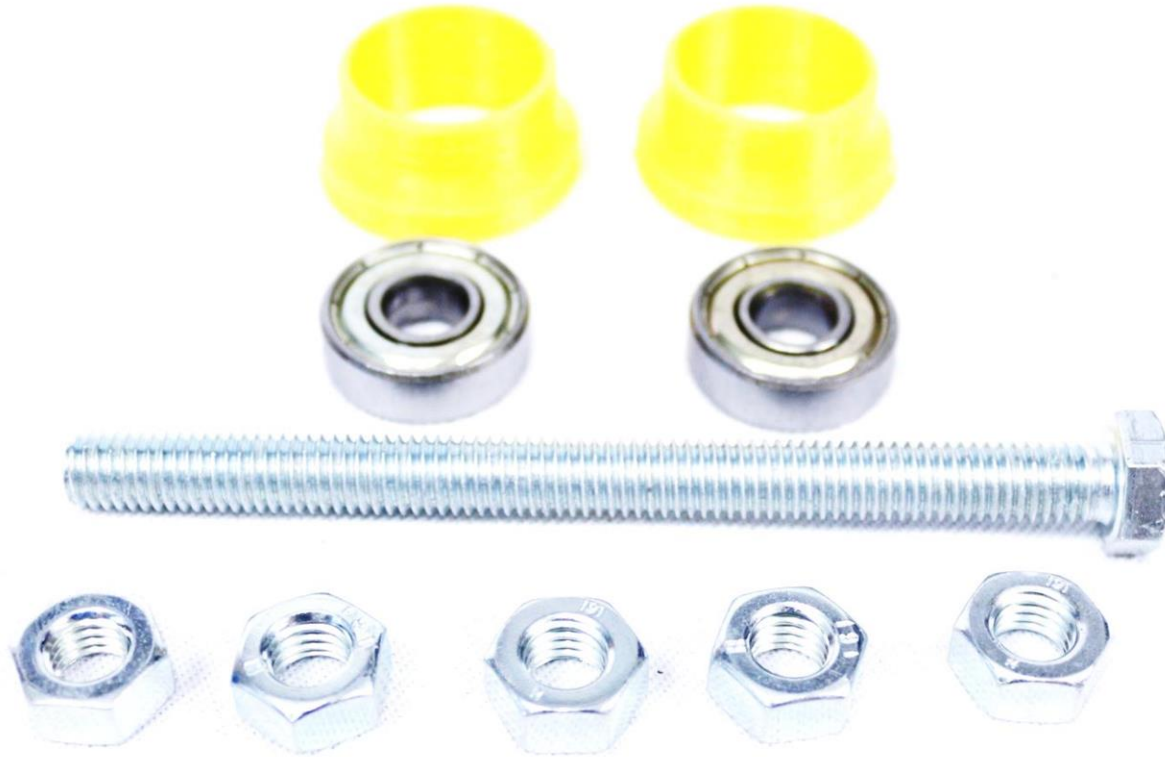
Tabla Kablolama

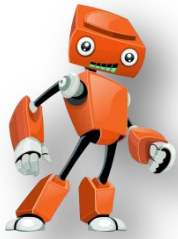




Adım 43

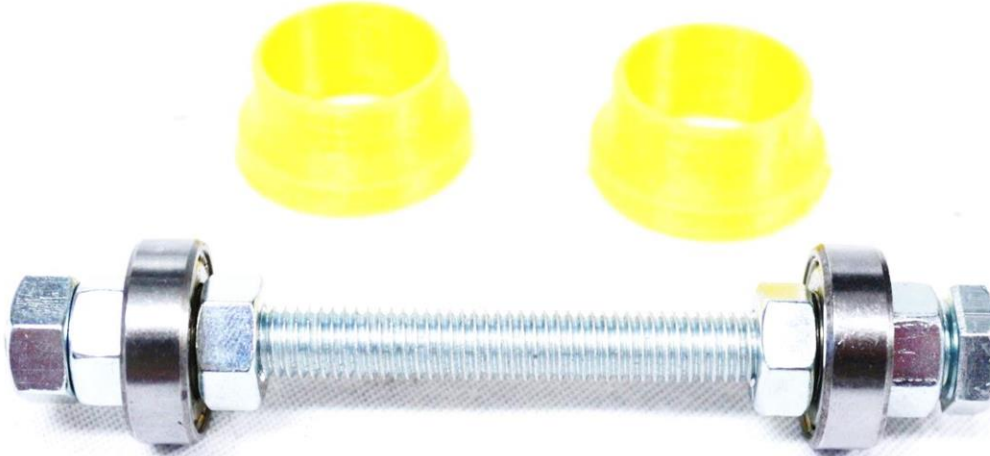
Filament Rulmanlarının Montajı

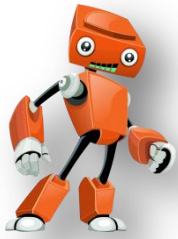




Adım 43

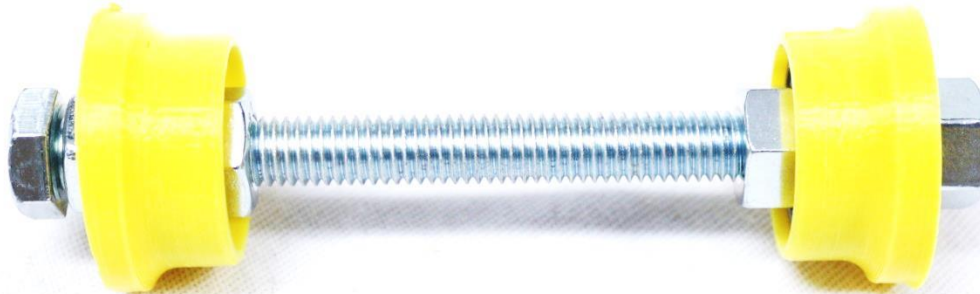
Filament Rulmanlarının Montajı

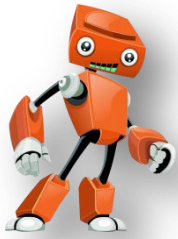




Adım 43

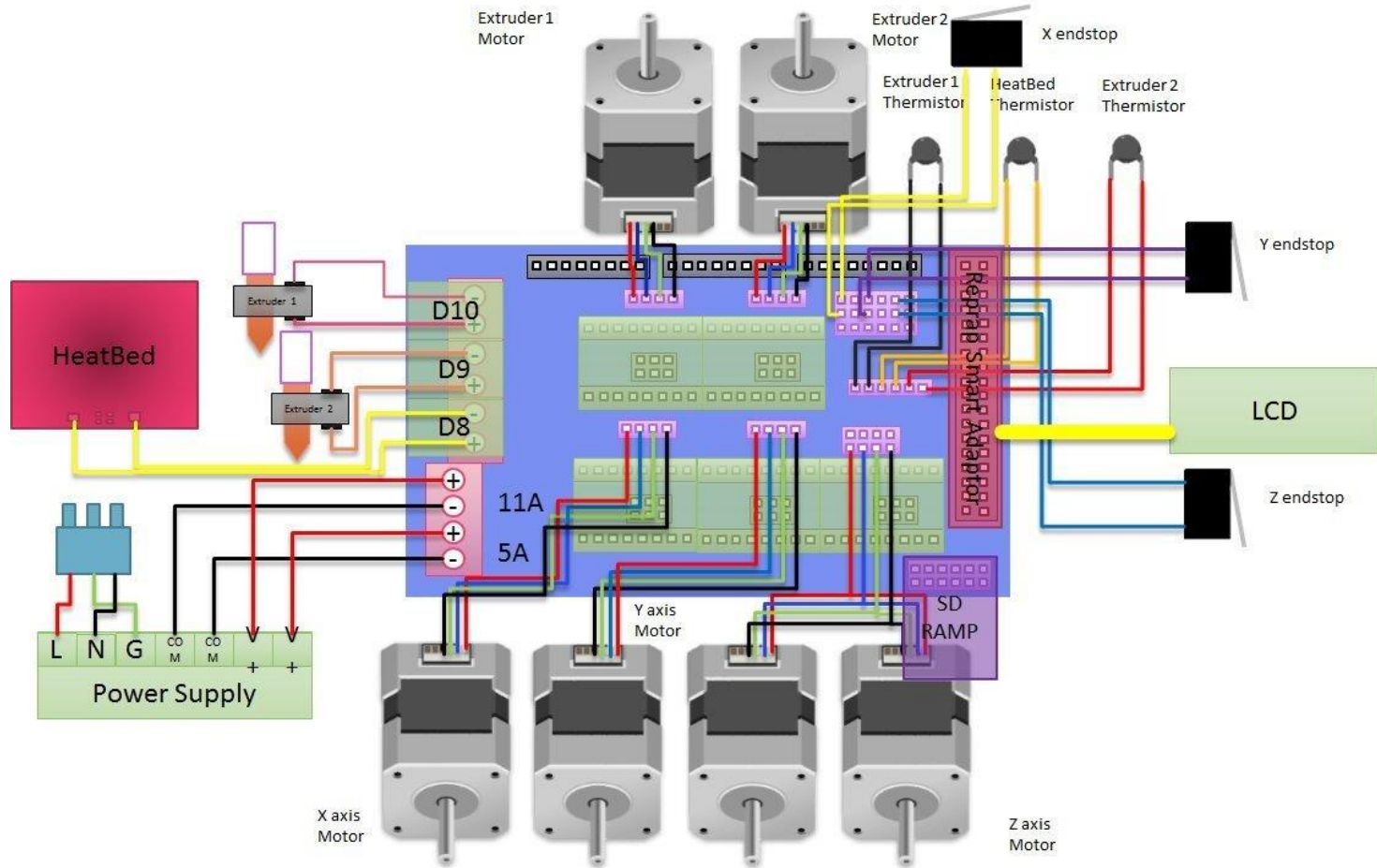
Filament Rulmanlarının Montajı





Adım 44

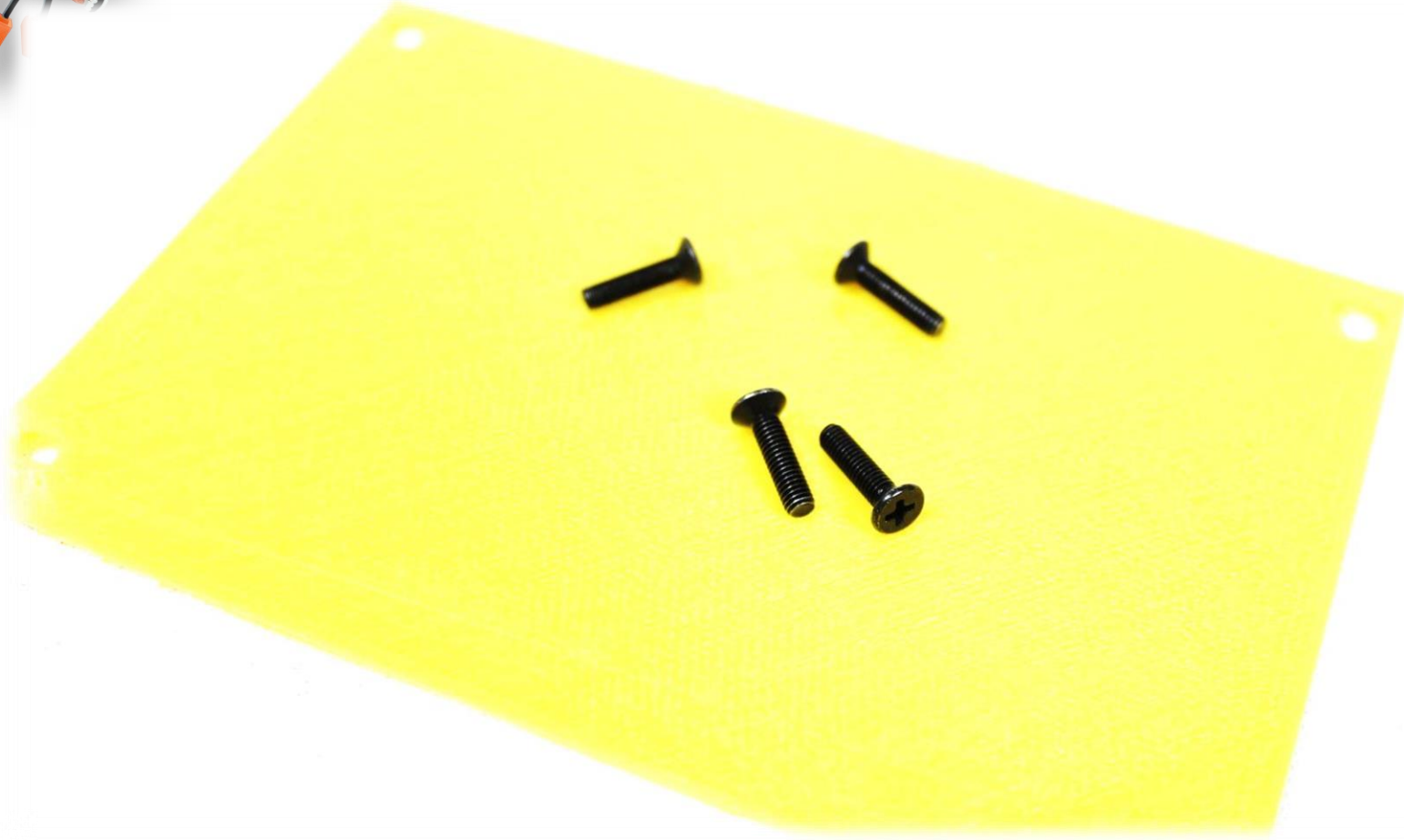
Tüm Kabloları Ramps ' Takma



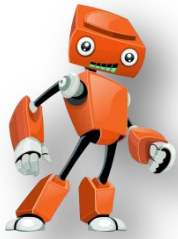


Adım 45

Ramps Kapak Montajı



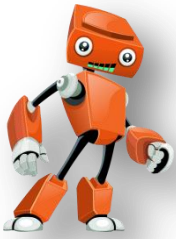
4 Adet / Havşa Baş M3x15 Vida



Adım 45

Ramps Kapak Montajı





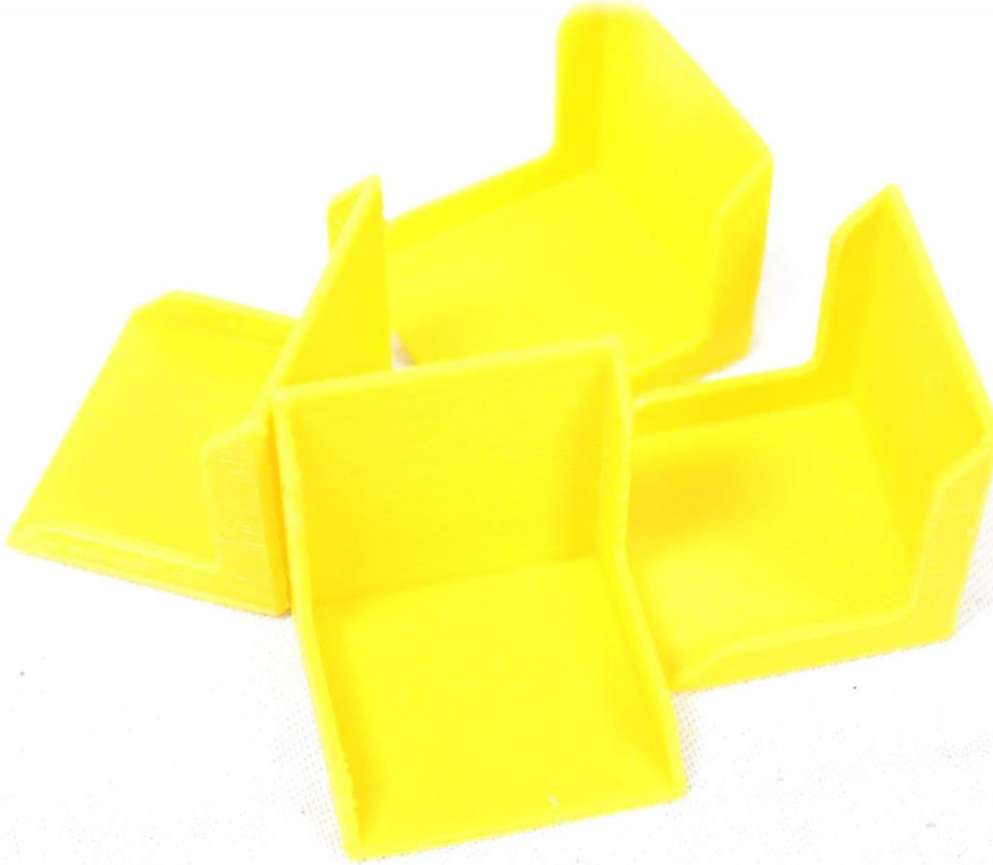
Adım 46

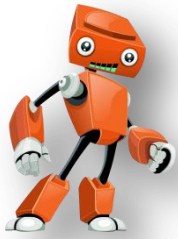
Gönyeleme



Adım 47

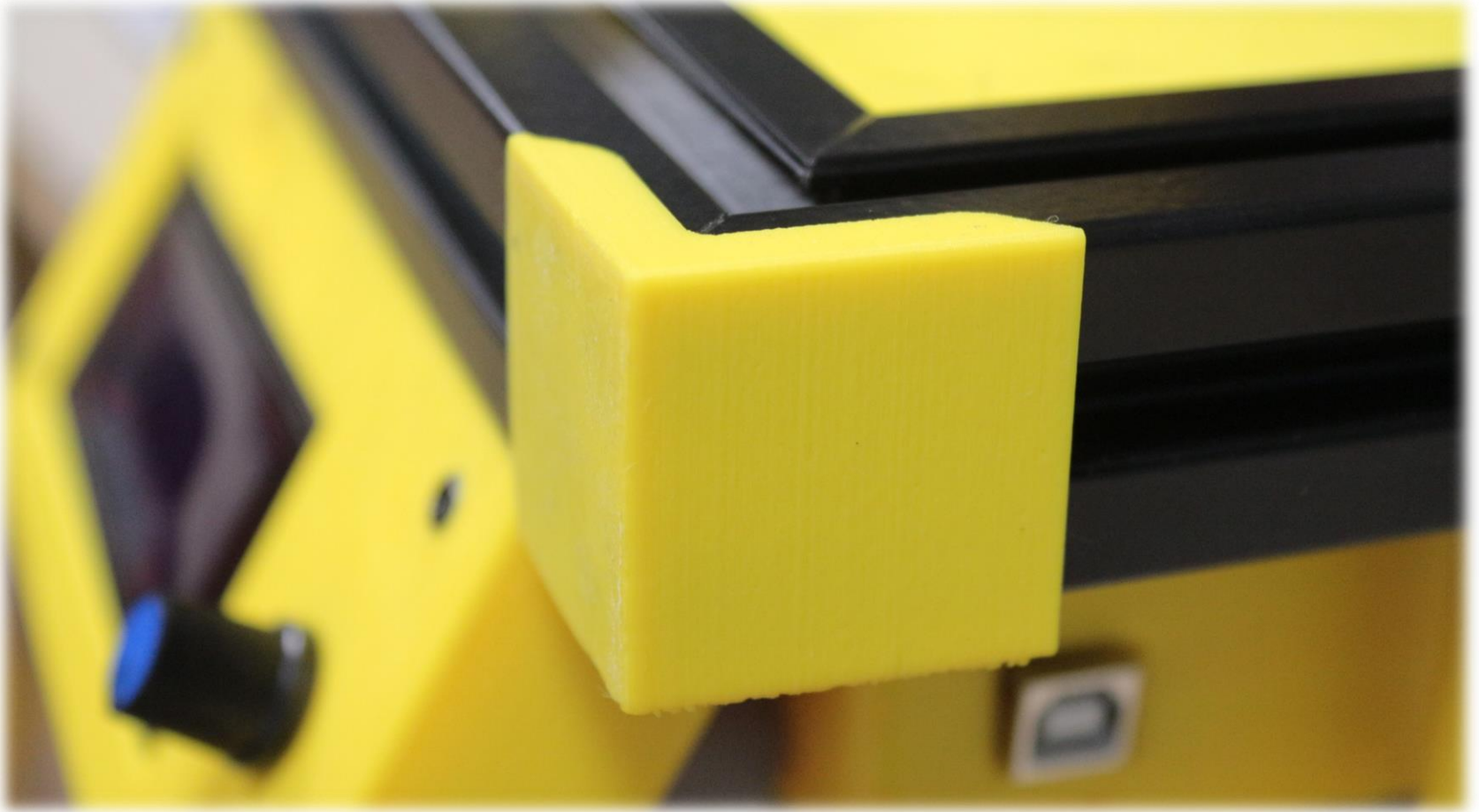
Köşeleri Şaseye Takma

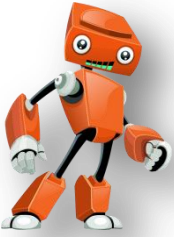




Adım 47

Köşeleri Şaseye Takma





- # SON

- Cura Programı ve Ayarları Dosya İçerisindeki Cura Kurulum Klasöründedir.
- Marlin Yazılım Arduino Mega İçerisinde Yüklüdür.
- Sorularınız için Lütfen Bizi Arayın.
- Montaj Klavuzu ile İlgili Önerilebileceğiniz Fikirleri Bize Bildirebilirsiniz.
- **Robotizmo .net** 3d Printer Teknik Destek Telefonu: 0531 383 45 28