LUCK
SEWING TECHNOLOGIES

ST-001

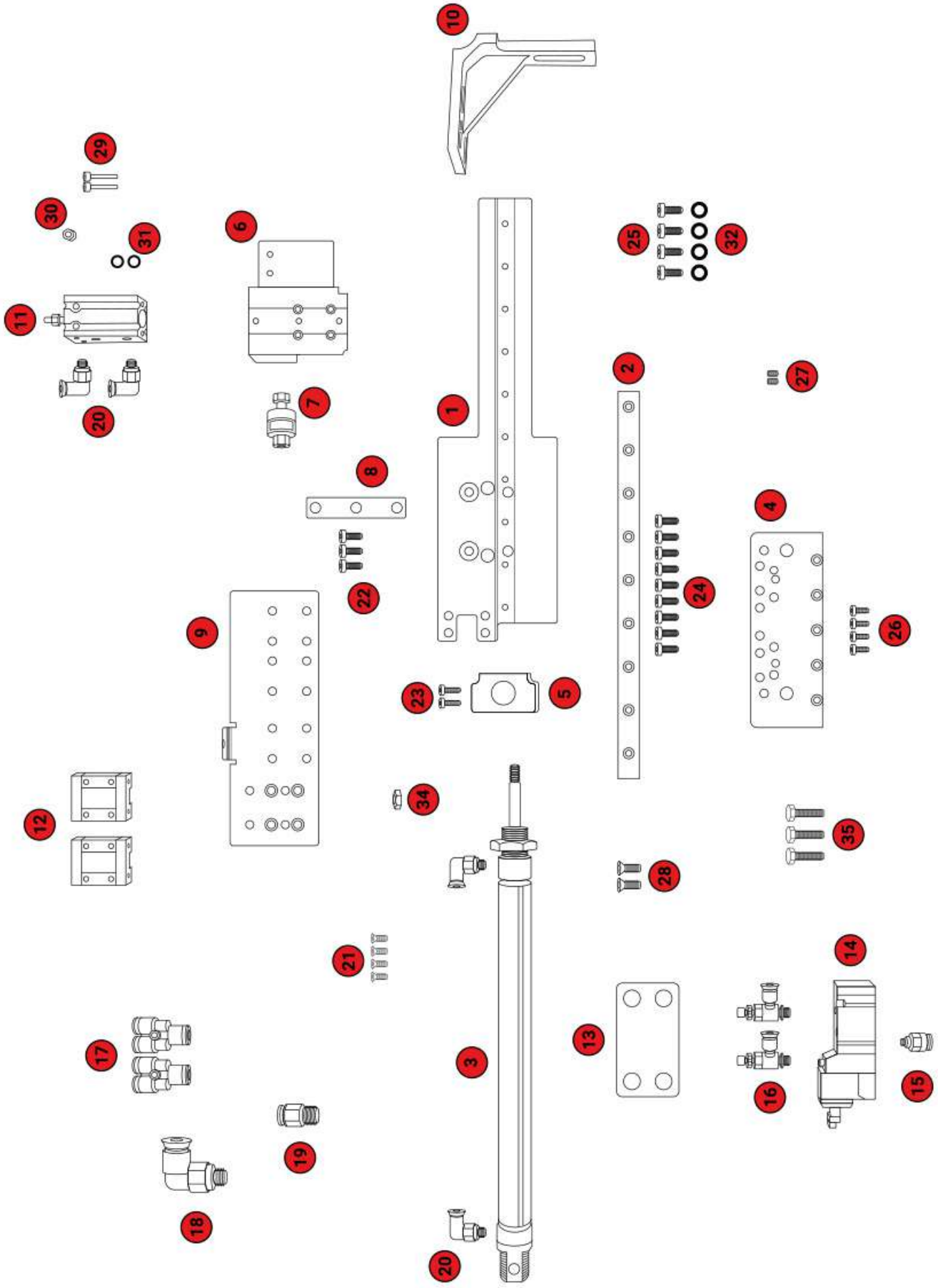
X HAREKETLİ KLAMP SİSTEMİ
X MOVING CLAMP SYSTEM

01-02 **PARÇA LİSTESİ**
PART LIST

03-16 **MEKANİK KURULUM**
MECHANICAL INSTALLATION

17-18 **ELEKTRONİK KURULUM**
ELECTRONIC INSTALLATION

19-27 **YAZILIMSAL KURULUM**
SOFTWARE INSTALLATION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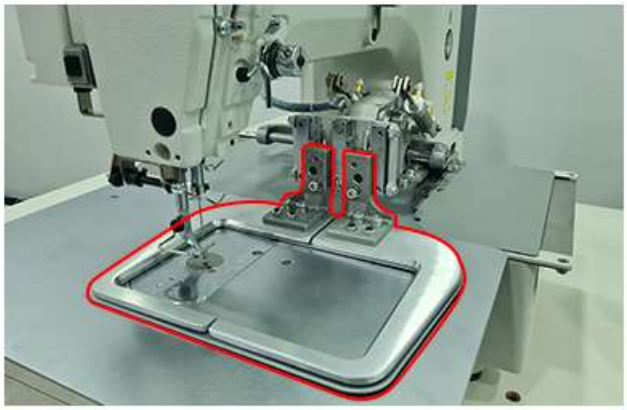
PARÇA LİSTESİ / PART LIST

ST-001

Parts No	TR	EN
1	Ana Gövde	Main Body
2	12'lik Ray (220mm)	Linear Guideway (Size:12 - Length:220mm)
3	16x160 Piston	16x160 Piston
4	Alt Kalıp Bağlantı Parçası	Bottom Jig Connector Part
5	Piston Bağlantı Parçası	Piston Connector Part
6	Üst Baskı Piston Bağlantı Parçası	Upper Pressure Piston Connector Part
7	Mbx1.00 Kasıntı Alıcı	Cardan joint floating for Pneumatic Cylinder
8	12'lik Ray (60mm)	Linear Guideway (Size:12 - Length:60mm)
9	Ayarlı Üst Baskı Kalıbı Bağlantı Parçası	Adjustable Top Pressure Connector Part
10	Üst Baskı Kalıbı Bağlantı Parçası	Upper Pressure Jig Connector Part
11	CDUx10 Piston	CDUx10 Piston
12	12'lik Linear Rulman	Linear Bearing (Size:12)
13	Yükseltme Parçası	Lifting Part
14	MVSY-100-4E1-DC24-LJ2 Mikro Valf	MVSY-100-4E1-DC24-LJ2 Micro Valf
15	M5x6'lık Rakor	M5 Fitting (Size:6)
16	4'lük Kısıcı	Adjustable Cylinder Speed Regulator
17	4'lük Y Bağlantı	Pneumatic Pipe Connection (Type: Y)
18	1/8 8'lik Rakor	1/8 Fitting (Size:8)
19	1/6 6'lık Rakor	1/6 Fitting (Size:6)
20	M5x4'lük Rakor	M5 Fitting (Size:4)
21	M3x4 Havşa Vida (Yıldız)	M3x4 Countersunk Screw
22	M3x8 İmbus Vida	M3x8 Imbus Screw
23	M4x10 İmbus Vida	M4x10 Imbus Screw
24	M3x8 İmbus Vida	M3x8 Imbus Screw
25	M4x12 İmbus Vida	M4x12 Imbus Screw
26	M3x8 İmbus Vida	M3x8 Imbus Screw
27	M5x6 Set Vidası	M5x6 Set Screw
28	M5x8 Havşa Vida	M5x8 Countersunk Screw
29	M3x20 İmbus Vida	M3x20 Imbus Screw
30	Mx4 Somun	Mx4 Nut
31	Mx4 Pul	Mx4 Washer
32	Mx3 Pul	Mx3 Washer
33	Mx6 Somun	Mx6 Nut
34	M5x25 Anahtar Başlı	M5x25 Indented Hex Screw

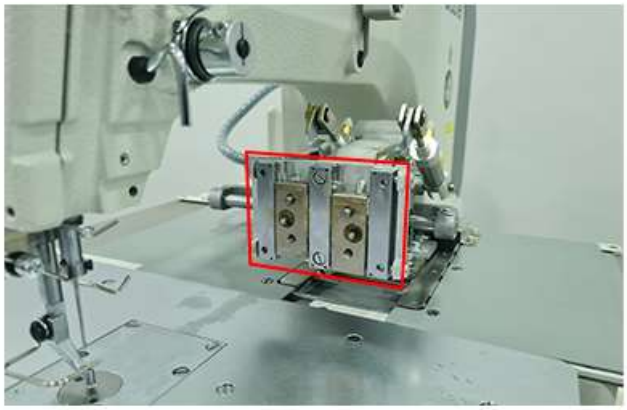
1) Orijinal klampları sökün.

Remove the original clamps.



2) Kızakları bağlantısından çıkarın.

Remove the sliding bearing group.



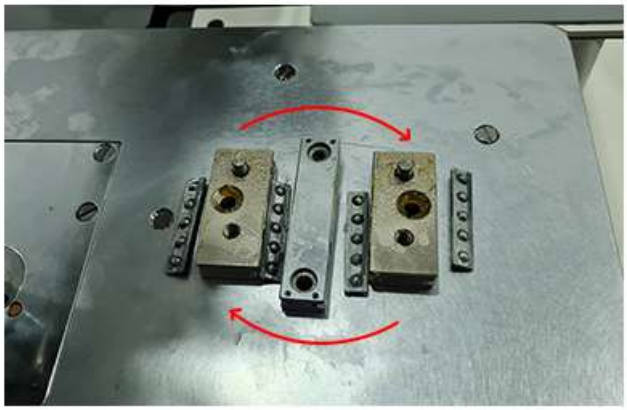
NOT / NOTE

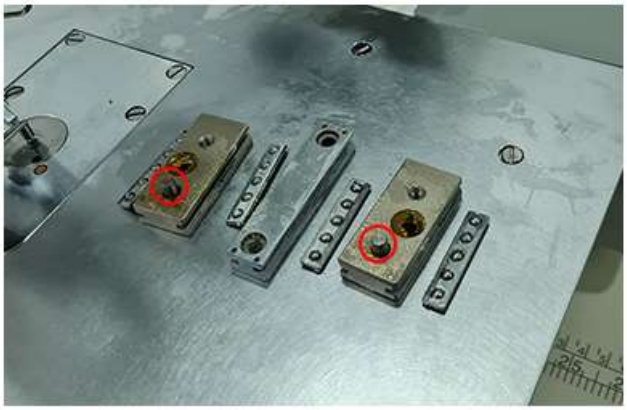
Yön ve pozisyonları bozmadan düz bir zemine koyunuz.

Place it on a flat surface without disturbing the direction and positions.

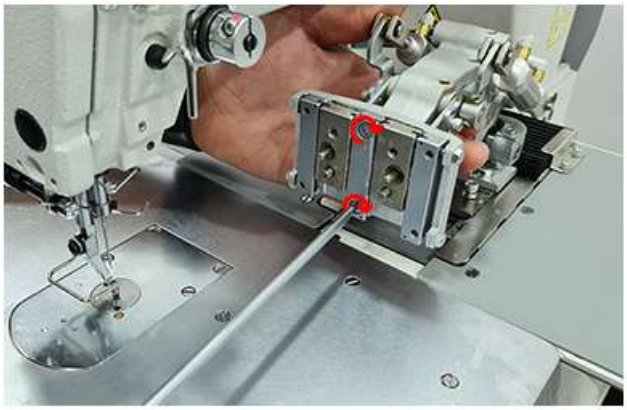
3) Kızak grubunu 180 derece çevirin.

Return 180 degree of the sliding bearing group.

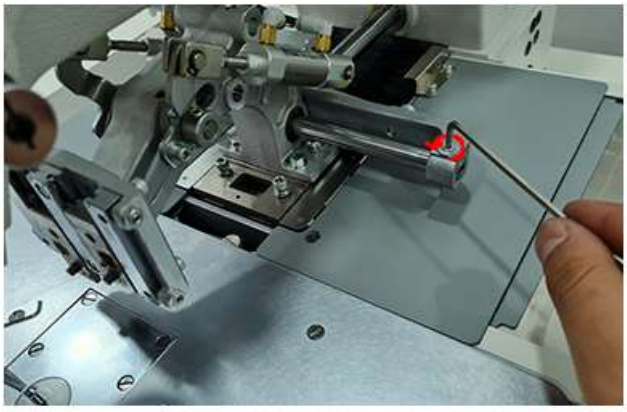




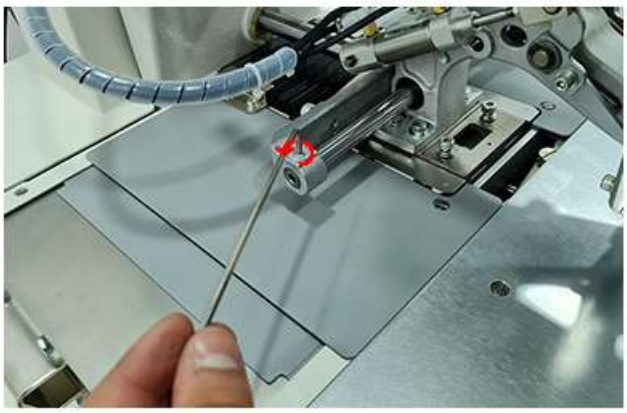
4) **Kızak grubunu tekrar bağlantılarını yapın.**
Connect the sliding bearing group.



5) **X haraket şaft desteğinde sağ vidayı gevşetin.**
Loosen the right screw on the X drive shaft support.



6) **X haraket şaft desteğinde sol vidayı gevşetin.**
Loosen the left screw on the X drive shaft support.



7) X haraket şaft desteğinde arka sağ vidayı gevşetin.

Loosen back right screw on x drive shaft support.

NOT / NOTE

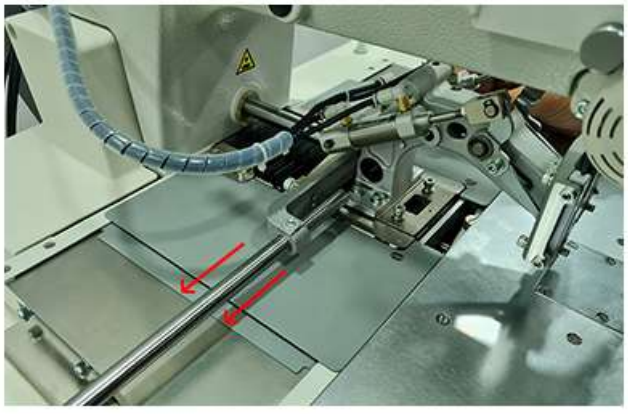
Yön ve pozisyonları bozmadan düz bir zemine koyunuz.
Place it on a flat surface without disturbing the direction and positions.

8) X haraket şaft desteğinde arka sol vidayı gevşetin.

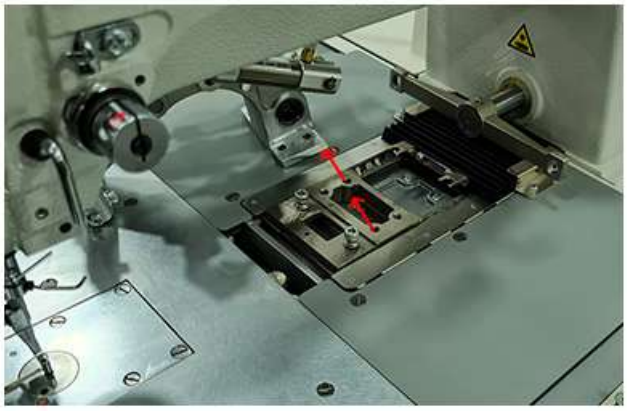
Loosen back left screw on x drive shaft support.

9) X haraket şaft desteğini yerinden çıkarın.

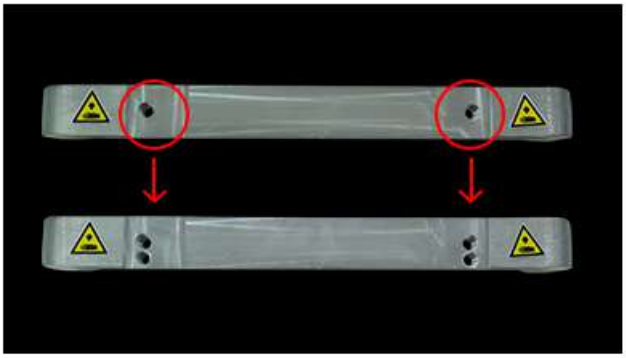
Remove x drive shaft support.



10) **Mx5 anahtar başlı vidaları sökerek gezdirici bloğunu çıkartın.**
Remove the carrier block by unscrewing the Mx5 key-head screws.



11) **X haraket şaft desteğinin deliklerinin tam altına merkezli olarak Mx6 vida dişi açın.**
X movement of the holes of the shaft support Drill Mx6 thread centered directly under it.



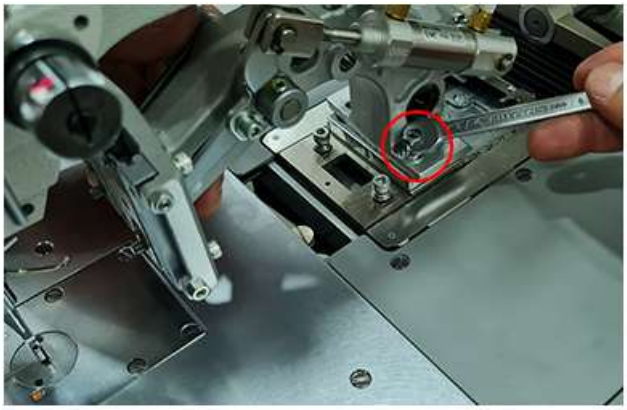
NOT / NOTE

Bu işlemin profesyonel torna ekipmanlarıyla yapılması tavsiye edilir.
It is recommended to do this with professional lathe equipment.

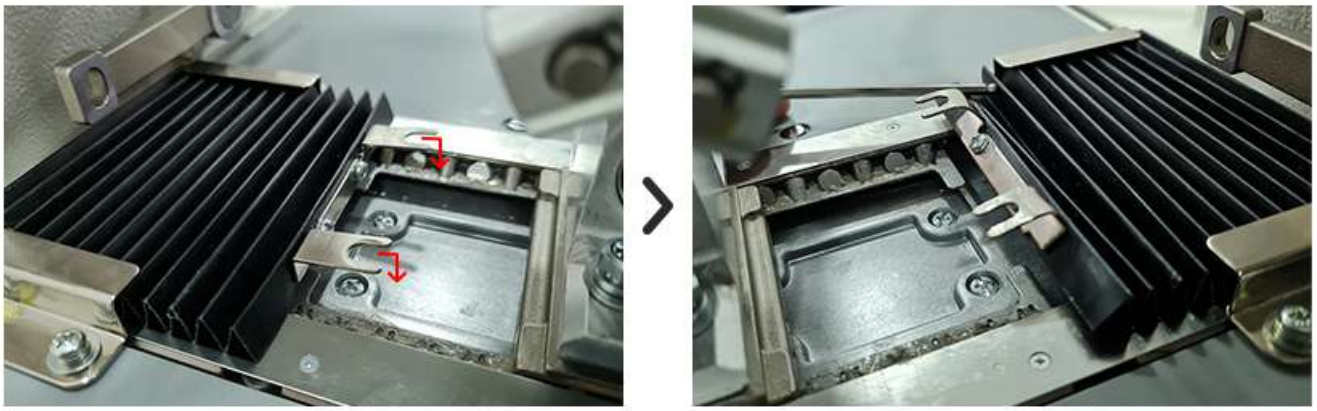
12) **Yükseltme parçasını gezdirici bloğunun vida deliklerinin üzerine yerleştirin.**
Place the riser part over the carrier block holes.

13) Gezdirici bloğunu yükseltme parçasının üzerine yerleştirin.
Place the carrier block on to the elevate piece.

14) Mx5 anahtar başlı vidalar yerine M5x25 anahtar başlı vidalarla bağlantı yapın.
Instead of M5 key head screws, use M5x25 screws for the connection.



15) Rulman korumasının bağlantı yerlerini 45 derecelik açıyla aşağıya doğru bükün.
Make the connection points of the bearing protection bend down at 45 degrees.



16) **Gezdirici bloğu rulman korumasıyla birlikte bağlayın.**
Connect the carrier block together with the bearing protection.

NOT / NOTE

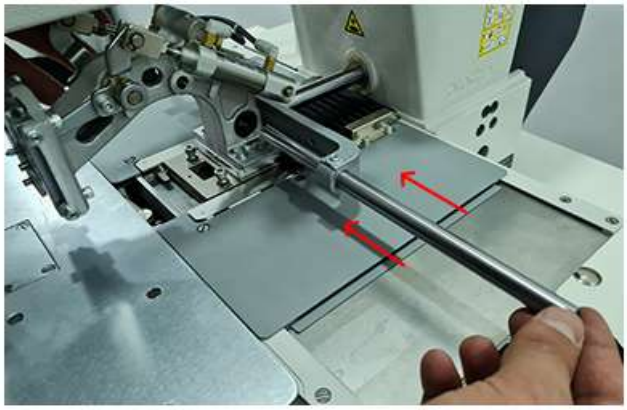
Gezdirici blogun tam merkezli monte edildiğine dikkat edin.
Note that the navigation block is mounted centered.

17) **X haraketli şaft desteğini vidalarıyla tutturun.**
Fix x drive shaft support with the screws.

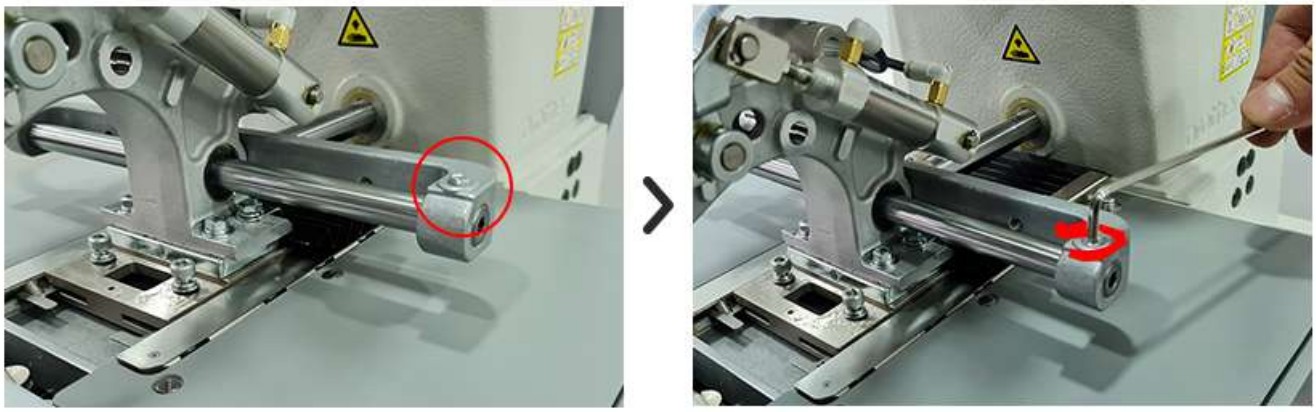
NOT / NOTE

X milini takmadan vidaları sıkmayın.
Do not tighten the screws without installing the X shaft.

18) **X milini yerine yerleştirin.**
Place the x shaft to its place.



19) X milini set vidalarıyla sabitleyin.
Fix the X shaft with the set screws.

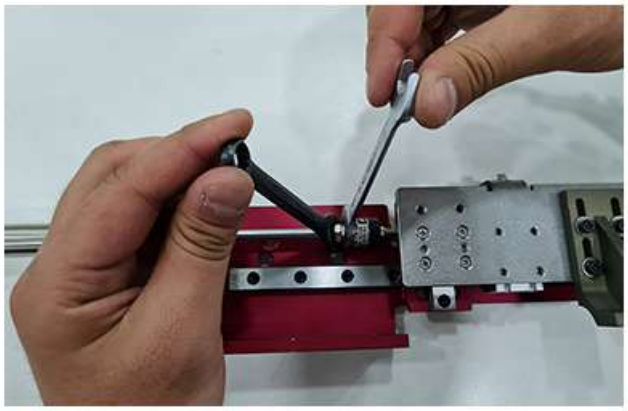


17) X haraketli şaft desteğini vidaları sıkarak sabitleyin.
Fix X drive shaft support by tightening with the screws.

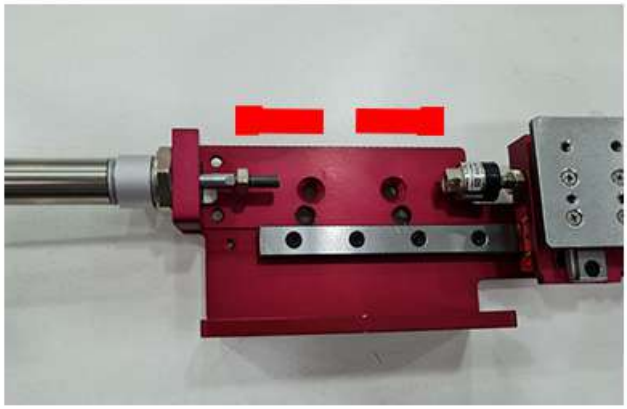
NOT / NOTE

Montaj bittikten sonra gezdiriciyi elinizle haraket ettirin. Kasıntı veya sıkışma varsa montaj adımlarını kontrol edin.
After the assembly is finished, move the trolley with your hand. Check the assembly steps if there is twitching or jamming.

18) Sistemdeki 10 anahtar somunlarını gevşetin.
Loosen the M10 nuts on the system.



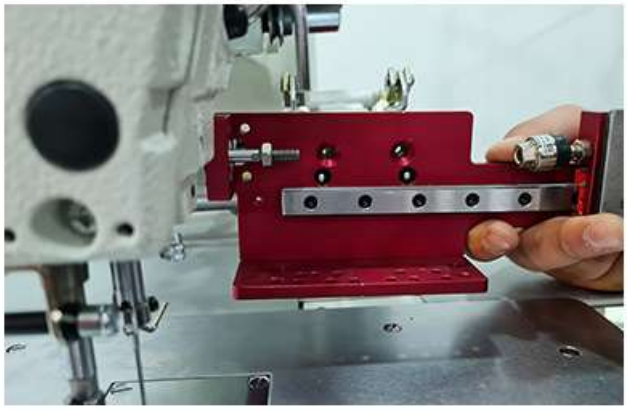
20) **Haraketli bloğu pistondan ayırın.**
Separate the moving block from the piston.



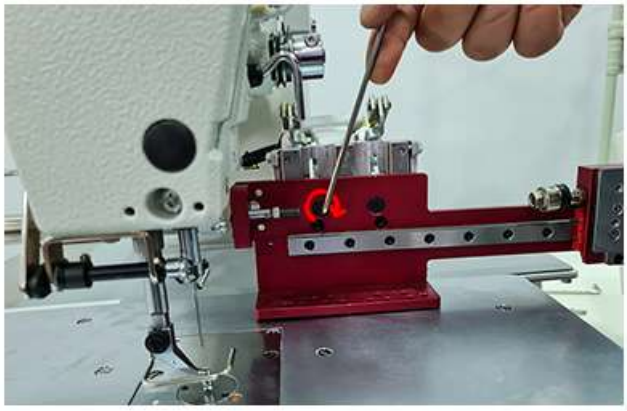
NOT / NOTE

Haraketli bloğun raydan çıkmamasına özen gösterin.
Take care not to derail the movable block.

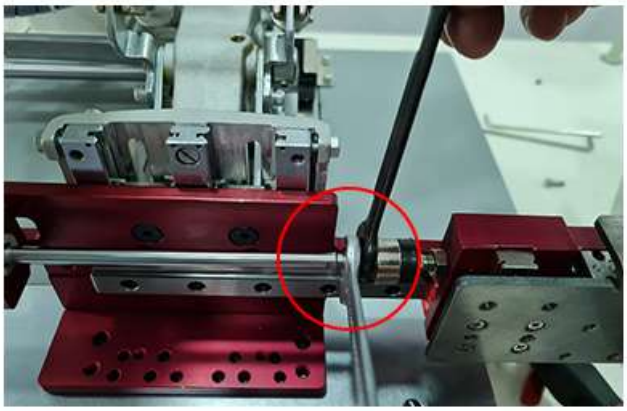
21) **Fotoğrafta görüldüğü gibi gezdiriciye monte edin.**
Mount to the carrier as seen on the photo.



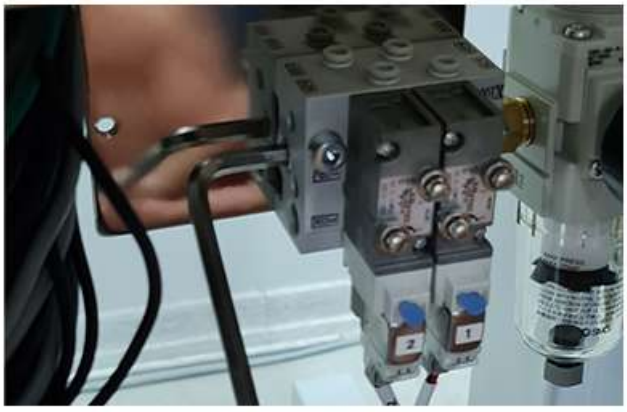
22) **M5x8 havşa başlı vidalarla sistemi gezdiriciye monte edin.**
Mount the system to the carrier with M5x8 countersunk screws.



23) Pistonla haraketli bloğu birleştirin.
Combine the cylinder with the carrier block.



24) Fotoğrafta görülen pnömatik opsiyon girişindeki set vidasını çıkartın.
Remove the set screw on the pneumatic option inlet shown in the photo.



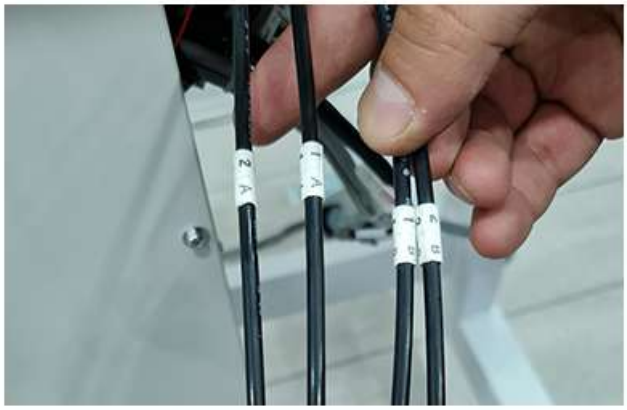
25) 6'lık rakoru takın.
Insert the 6mm fitting .

26) Ana hava girişindeki vanayı çıkartın.
Remove the valve from the main inlet.

27) 8'lik rakoru takın.
Insert the 8mm fitting.

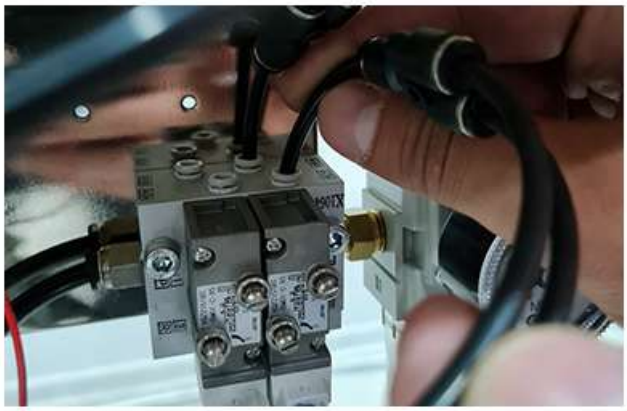
28) 6'lık hortumla ekstra valfle makine üzerindeki valfi birleştirin.
Combine the valve on the machine with the extra valve by 6 mm tube.

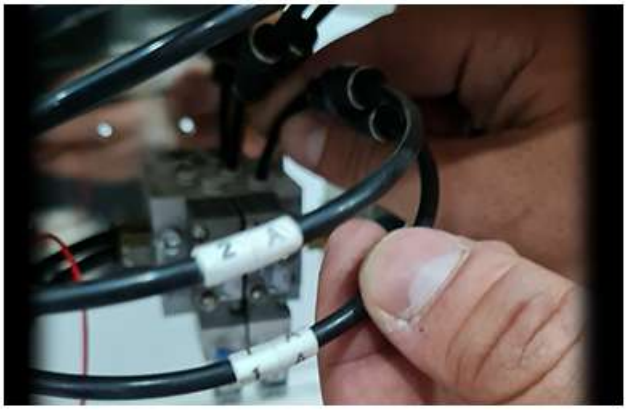
29) **Makine üzerindeki mevcut hava hortumlarını 1A 2A ve 1B 2B şeklinde fotoğraftaki gibi birleştirin.**
Install the existing air hoses on the machine as 1A 2A and 1B 2B. assemble as in the photo.



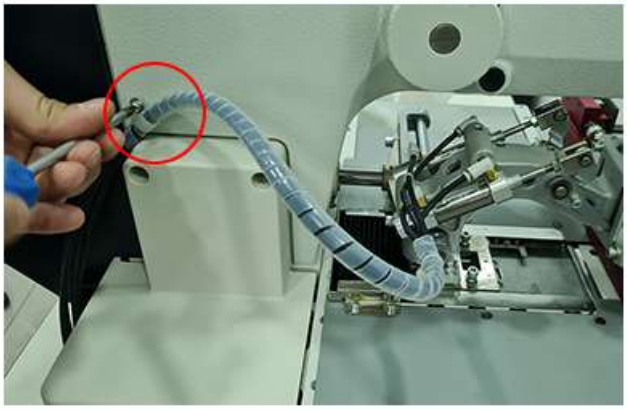
30) **B hortumlarını 1. valfin(sağ) B çıkışına takın.**
Connect the B tubes to the B outlet of valve 1(right).

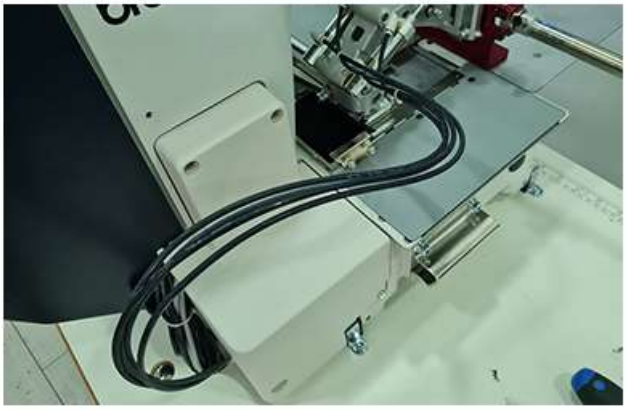
31) **A hortumlarını 1. valfin(sağ) A çıkışına takın.**
Connect the A tubes to the A outlet of valve 1(right).



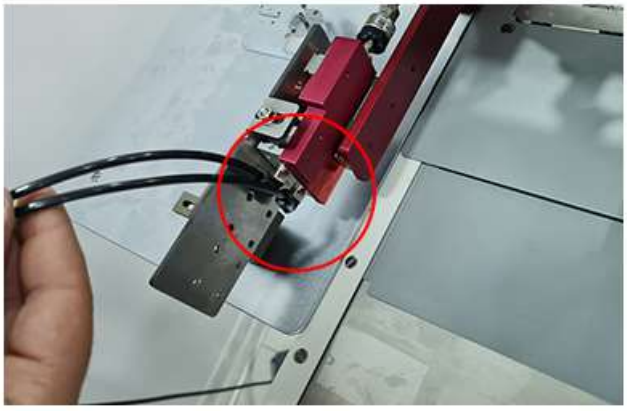


32) **Fotoğrafta görülen kablo spiralini çıkartın.**
Remove the cable spiral seen in the photo.



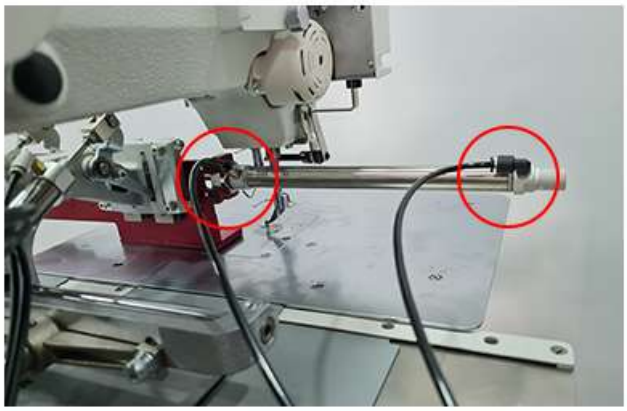


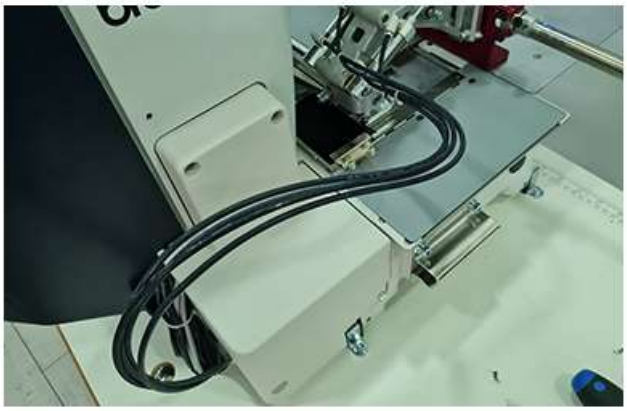
33) **Sistemin sağ tarafındaki ikili hava girişlerine 4'lük hortum takın.**
Attach 4 hoses to the dual air inlets on the right side of the system.



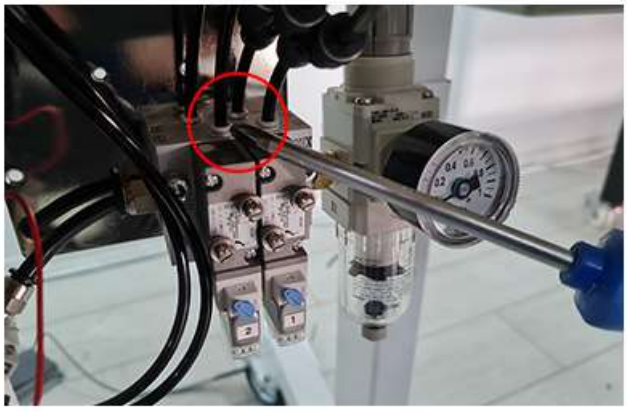
34) **Çıkan hortumları ekstra valfe bağlayın.**
Connect the outgoing tubes to the extra valve.

35) **Sistemin üzerindeki pistonun hava girişlerine 4lük hortum bağlayın.**
Connect 4 mm tubes to the air inlets of the piston on the system.



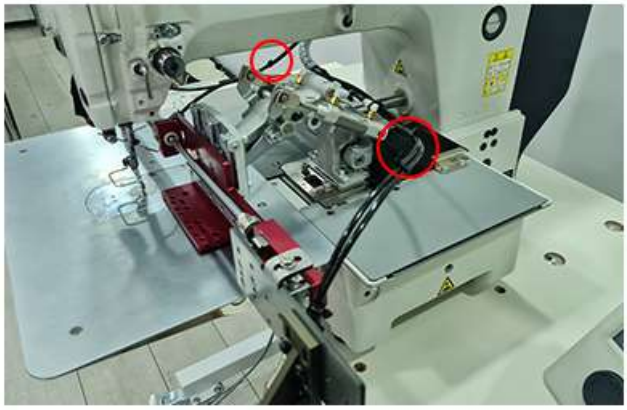


36) **Çıkan hortumları 2. valfe (sol) takın.**
Insert the outgoing tubes to 2nd valve (left).



37) **Kablo spiralini fotoğrafta görüldüğü gibi geri takın.**
Reinsert the cable spiral as seen in the photo.

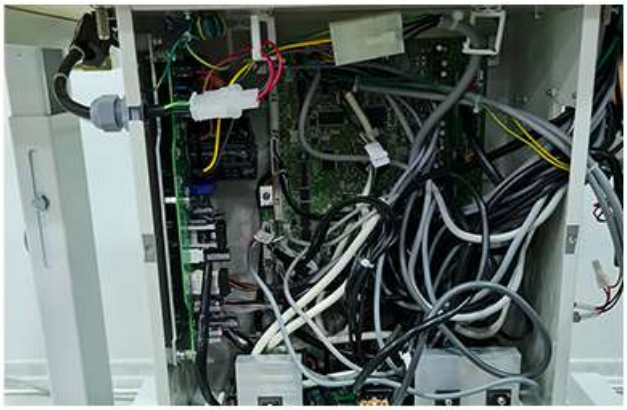
38) **Hortumları klips yardımıyla düzenleyin.**
Organize the tubes with the clips.



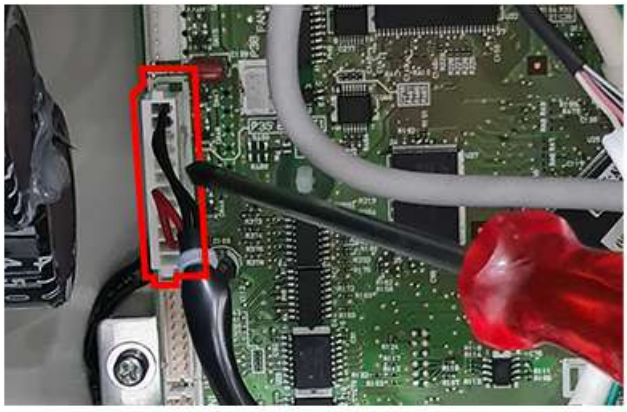
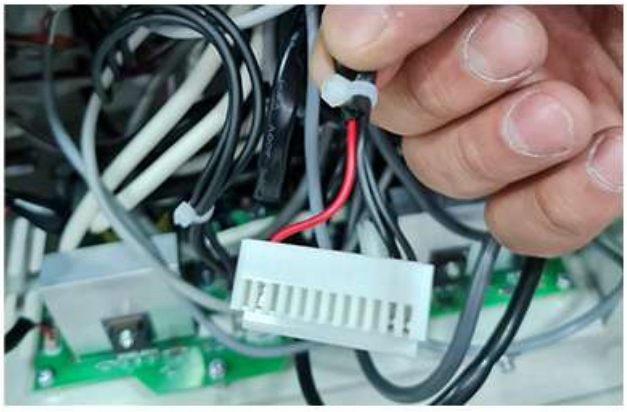
NOT / NOTE

Makineyi test ettiğinizde sistem haraketleri doğru değilse valf girişlerini değiştirin.
If the system movements are not correct when you test the machine replace valve inlets.

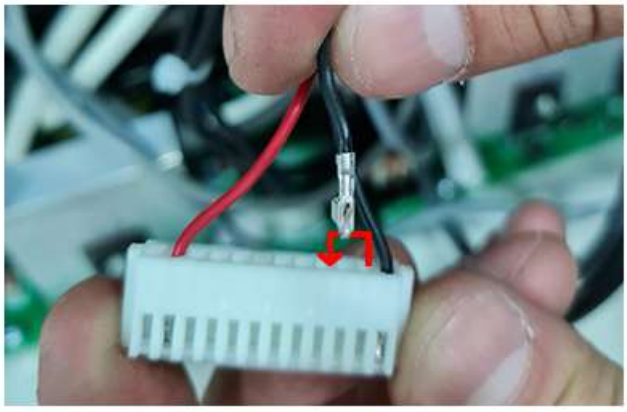
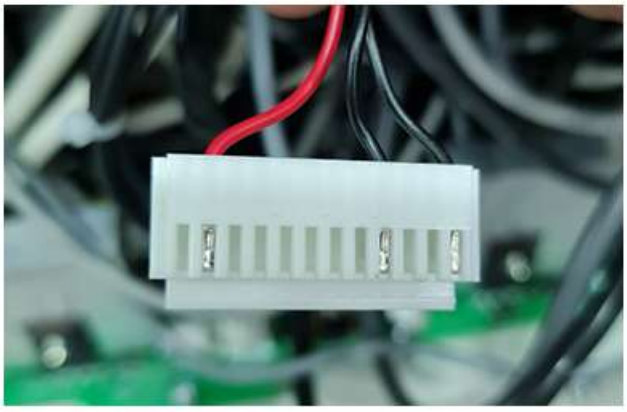
1) **Kontrol kutusunu açın.**
Open the control box.



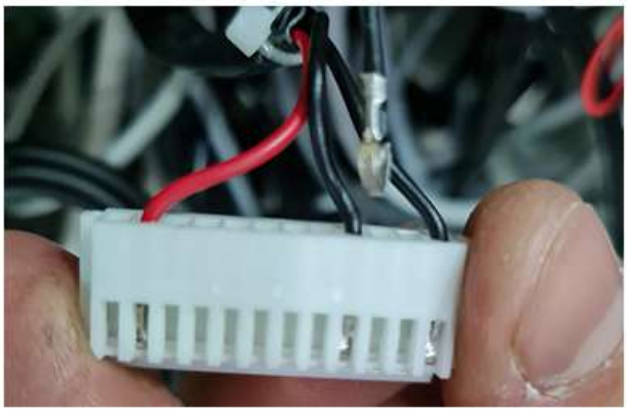
2) **Opsiyon soketini çıkartın.**
Remove the option socket.

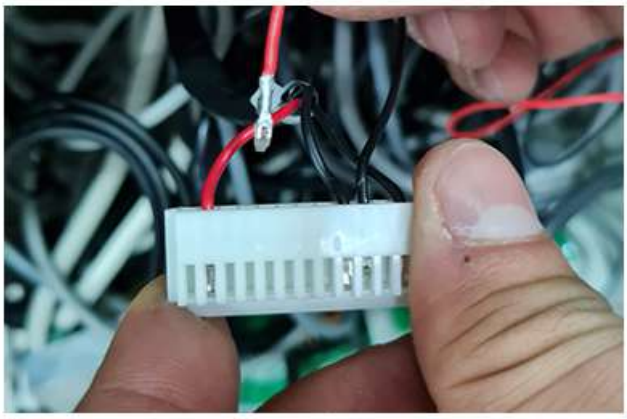
3) **İkinci siyah kabloyu 2. girişten çıkarıp 4. ye takın .**
Disconnect the second black cable from the 2nd port and plug it into port 4.

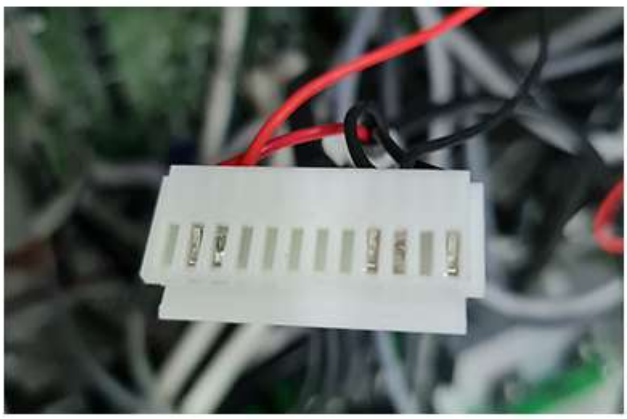
4) **3. (ekstra) valften gelen siyah(-) kabloyu 3. girişe takın.**
Plug the black cable of 3rd (extra) valve into port 3.



5) **3. (ekstra) valften gelen kırmızı(+) kabloyu 10. girişe takın.**
Plug the red cable of 3rd (extra) valve into port 10.



6) **Opsiyon soketini yerine takıp kutuyu kapatın.**
Plug into the option socket and close the control box.



NOT / NOTE

Taktığınız pimlerin temassızlık yapmadığından emin olun.
Make sure the pin connectors are steady

1) Makinayı açın.
Turn on the machine.

2) USB'yi takın.
Plug into the USB.

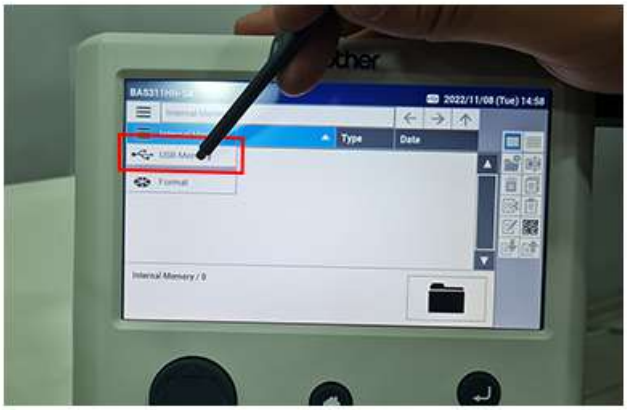
3) Panelde USB bağlantı işaretini görün.
See the sign of the USB connection on the panel.

4) **Home tuşuna basın.**
Press the home button.

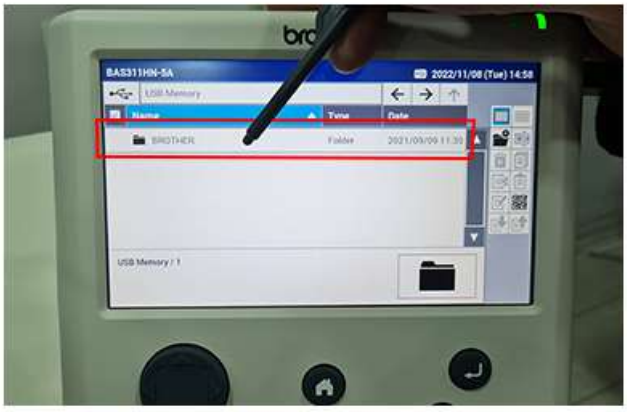
5) **Dosya yöneticisine basın.**
Press the file manager.

6) **Fotoğrafta görünen bellek seçim ikonuna tıklayın.**
Click on the memory selection icon that appears in the photo.

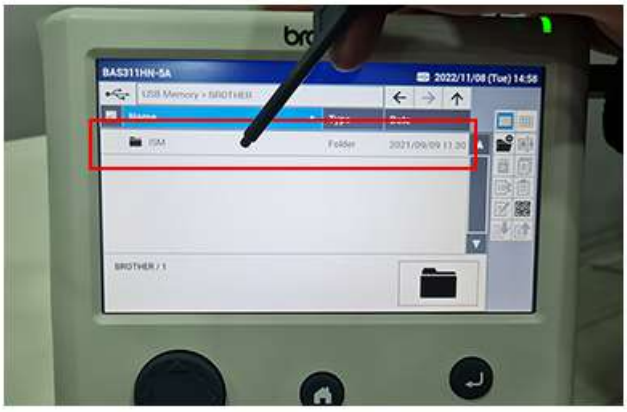
7) **USB hafızasını seçin.**
Select USB memory.



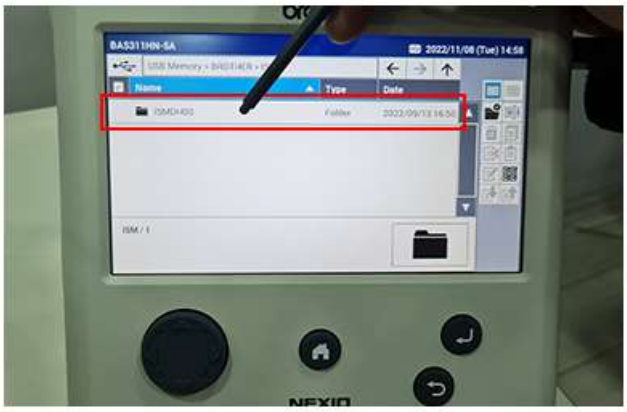
8) **Brother klasörünün içine girin.**
Open the Brother file.



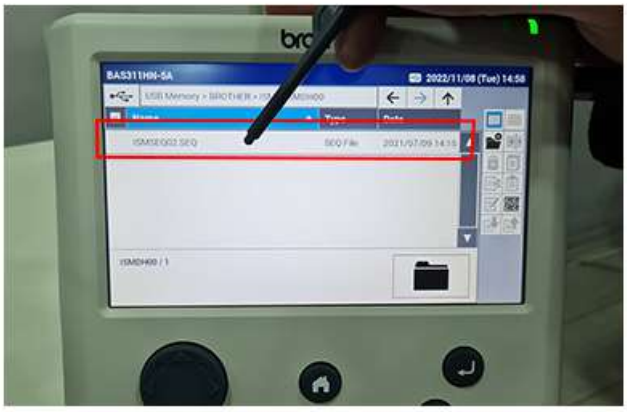
9) **ISM dosyasını seçin.**
Select ISM file.



10) ISMDH00 dosyasını seçin.
Select ISMDH00 file.



11) ISMSEQ02.SEQ dosyasını seçin.
Select ISMSEQ02.SEQ file.



12) Sağ alt taraftaki makinaya yükleme ikonuna tıklayın.
Click on the upload machine icon in the lower right.

13) Home tuşuna basarak çıkın.

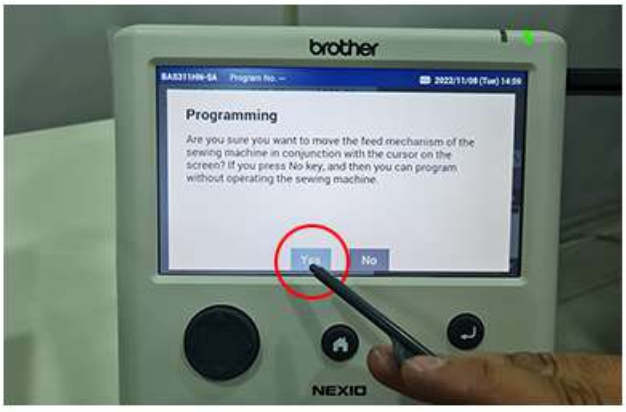
Press the home button and exit.

14) Programlamaya girin.

Click on the programing icon.

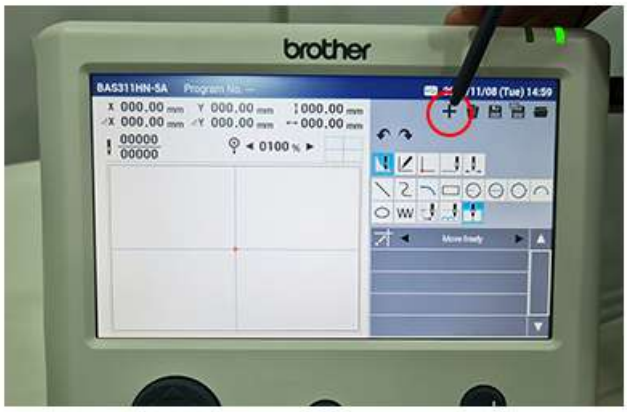
15) Gelen uyarıda evet seçeneğini seçin.

Select "yes" on the warning that comes up.



16) Sağ üstten + ikonuna basın.

Click on the "+" icon in the top right.

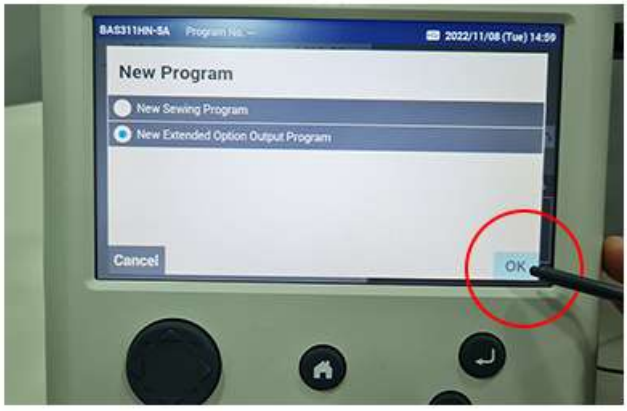


17) Yeni geliştirilmiş opsiyon çıkışı seçeneğini seçin.

Select "new extended option output program".

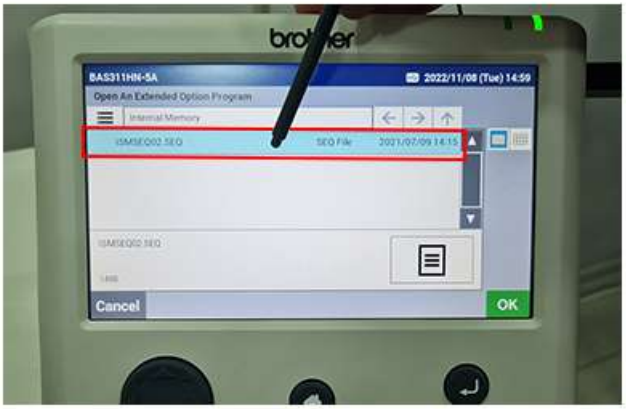
18) Tamam'a basın.

Click on the OK.



19) Sağ üstte bulunan dosya ikonuna tıklayın.
Click on the file icon in the top right.

20) Yüklenen SEQ. Uzantılı yazılım dosyasını seçin.
Select the installed SEQ. extension software file.



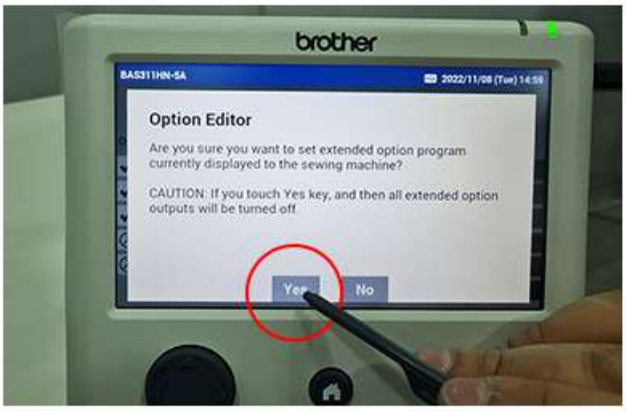
21) Tamam'a basın.
Click on the OK.

22) Fotoğrafta görülen yükleme ikonuna basın.

Click on the upload icon that appears in the photo.

23) Gelen uyarıda evet seçeneğini seçin.

Select "yes" on the warning that comes up.



24) Disket ikonuna basarak kaydedin.

Click on the disk icon and save.

25) Gelen uyarıda evet seçeneğini seçin.

Select "yes" on the warning that comes up.

26) Memory switch ayarlarını fotoğraflardaki gibi düzenleyin.

Edit memory switch settings as in the photos.