

avishk^{ar}

MEX

Robotika
Průzkumná sada

Uživatelská
příručka



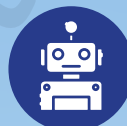
ŘEŠENÍ
PROBLÉMU



MECHANICKÉ
PROVEDENÍ



TVOŘIVOST



ROBOTIKA





**"Nesním o
úspěchu, pracuji
na něm!"**

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Využijte svou sadu na maximum

Inovovat



Složte přísahu inovátora

Složte přísahu inovátora zmíněnou na straně 5 a pochopte, co to znamená být inovátorem.



Naučte se používat manuál/video

Postupujte podle podrobných pokynů v příručce a zjistěte, jak pomocí své sady postavit vzrušující roboty.



Sestavte, kódujte a ovládejte

Vytvářejte inovativní projekty pomocí své sady a ovládejte roboty pomocí Aviskaar Remote a Code pomocí Avishkaar Maker Studio.

Sdílejte



Připojte se k Let's Aviskaar

Připojte se k naší FB komunitě – spojte se s inovátory a získejte nejnovější aktualizace webinářů.



Nahrát projekty

Nahrajte projekty na www.avishkaar.cc a sdílejte je s inovátory z celého světa.



Mezinárodní soutěže

Zúčastněte se týdenních, měsíčních a ročních soutěží a získejte slávu po celém světě.



Přísaha inovátora

Složte níže přísahu inovátora, abyste se zavázali k celoživotnímu závazku k inovacím a řešení problémů. Sdílejte fotku na FB komunitě Let's Avishkaar.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



**Prozkoumejte
svou sadu**

Vítejte v destinaci Aviskaar

Stáhněte si aplikaci Aviskaar

Stáhněte si aplikaci Avishkaar naskenováním QR kódů níže:



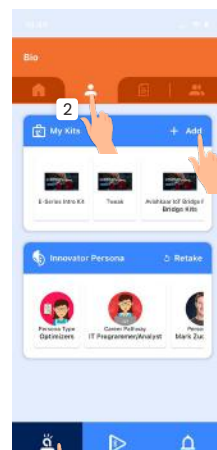
1 Vytvořte si účet

Otevřete aplikaci a podle pokynů na obrazovce vytvořte účet.



2 Zaregistrujte svou sadu

Přejděte v aplikaci do sekce 'Profil' a kliknutím na '+ Přidat další' v části 'Moje sady' zaregistrujte svou sadu. Tento krok je důležitý pro pozdější ovládání robota.



Product Registration
Sticker

Kontrola pancéřování

Box 1 (Stavební díly)

Nosník



9H
Nosník
x 2



7H
Nosník
x 2



5H
Nosník
x 4



3H
Nosník
x 2

Poznámka: „H“
“ znamená díry.
Např. 15H nosník
znamená nosník s
15 otvory.



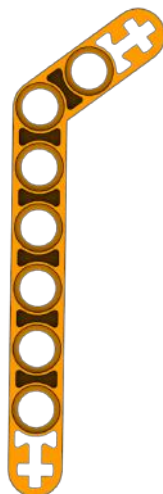
2Cx1H
Tenký-Nosník
x 4



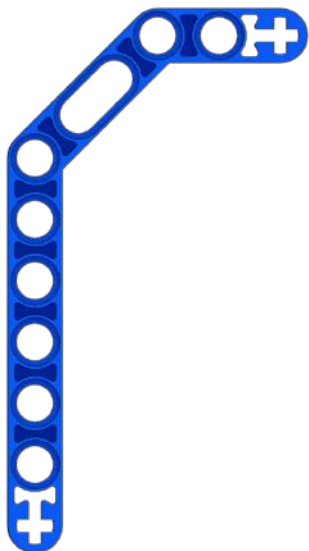
1Cx1H
Nosník
x 2



3Cx2H
Tenký-D
x 2



2C x7H
Jednoduchý ohyb
x 2



2Cx10H Dvojitý
ohybový
nosník
x 4

PLNIVA



Axle Filler- Big
x 4



Axle Filler- Small
x 6

Lopatka



Lopatka
x 3

Převod



Čelní ozubené
kolo-24T
x 2



20T Dvojité
kuželové
ozubení
x 2

Kolo



Malé kolo
x 4

PINY



Dlouhý pin-modrý
x 2



Střední pin-černý
x15



Pin střední nápravy
-modrý
x 6

KONEKTORY



3Hx4 Pin konektor
x 2



Trojité osový
konektor
x 1

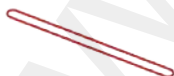


Trojkolíkový pin
konektor nápravy
x 2



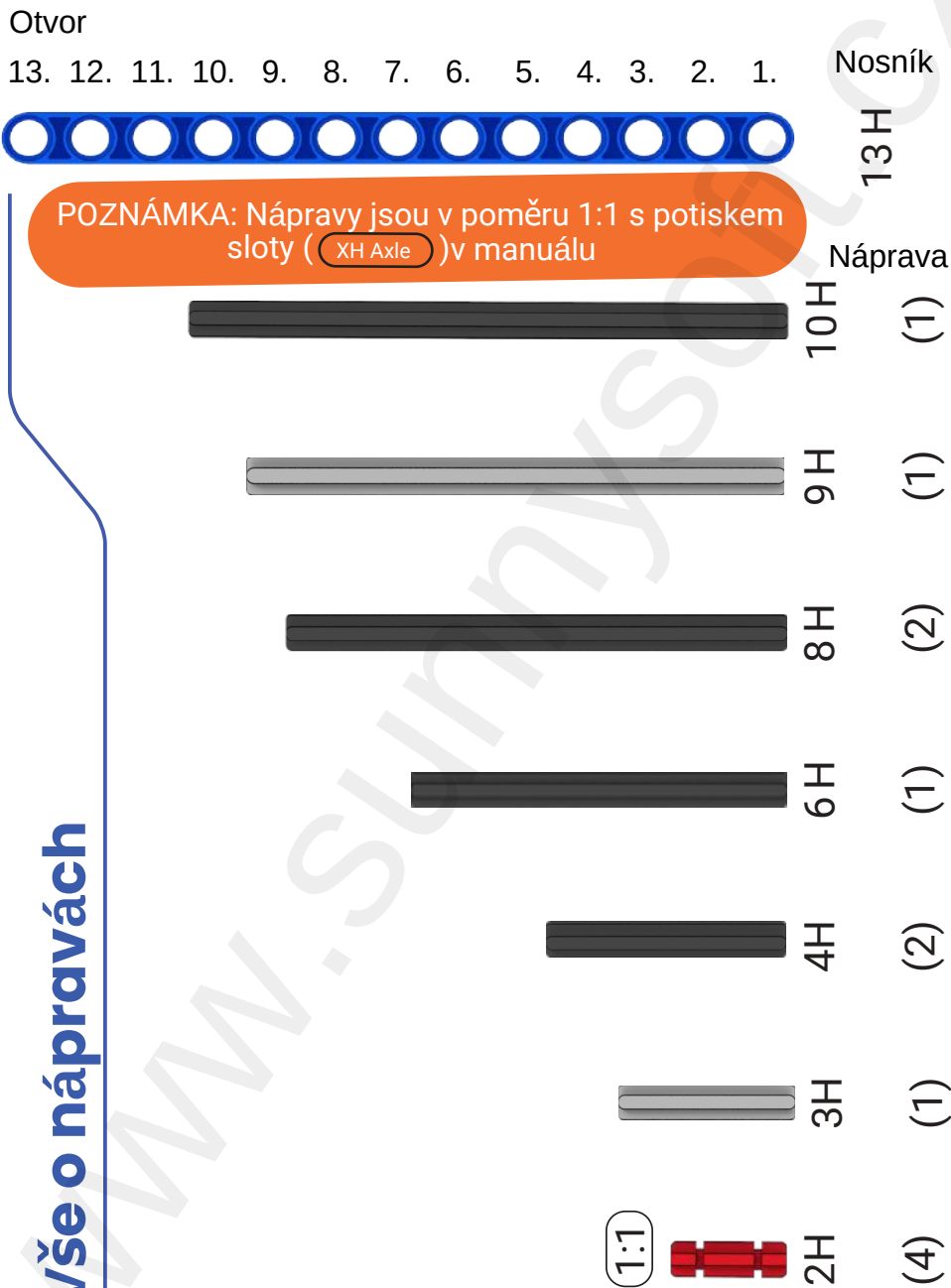
1C x 1H Kolmý
konektor
x 1

Gumička



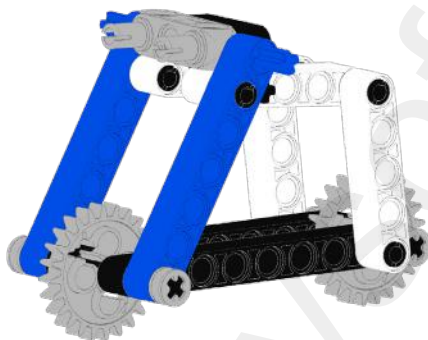
Gumička
x 3

Vše o nápravách



Projekt 1: MEX horské kolo (MTB)

Pojďme stavět!



Věci, které potřebujeme



9H
Nosník
x 2



5H
Nosník
x 4



3H
Nosník
x 1



4H
Náprava
x 2



6H
Náprava
x 1



Střední
pin-černý
x 4



Pin střední
nápravy-modrý
x 2



3Hx4Pin
Konektor
x 1



Čelní
ozubené kolo
24T
x 2

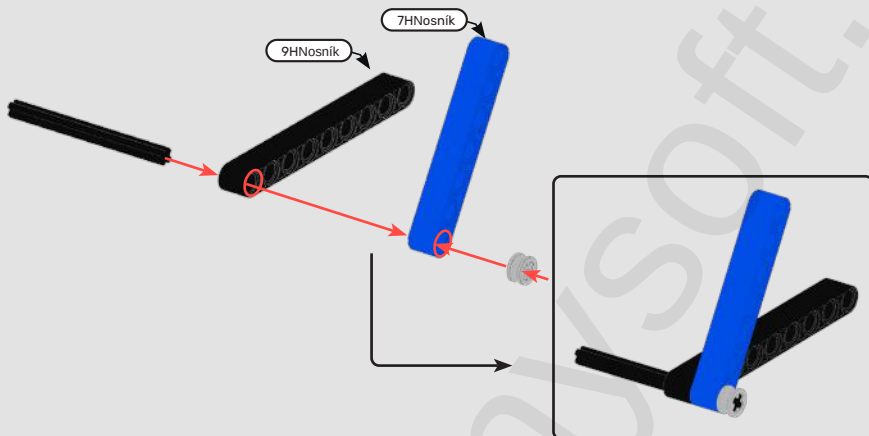


Náplň
nápravy-
malá
x 5

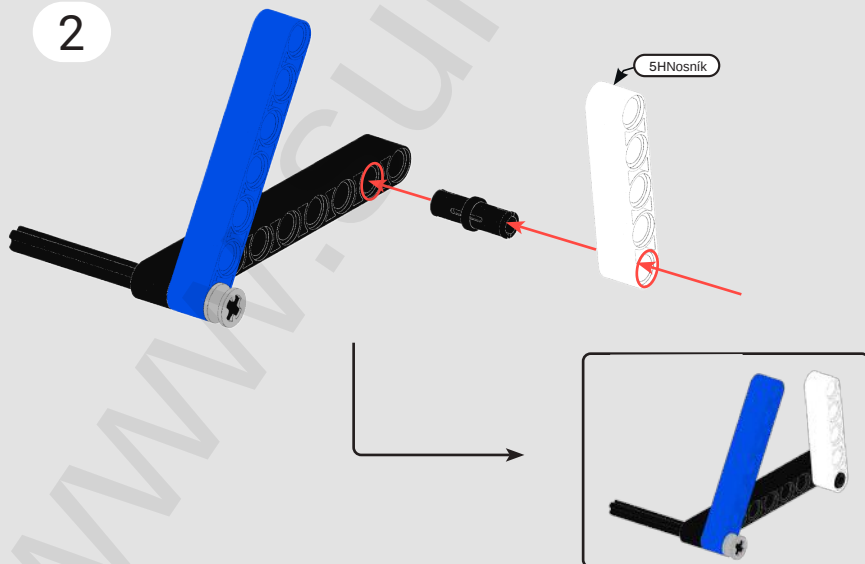
1:1

6H Náprava

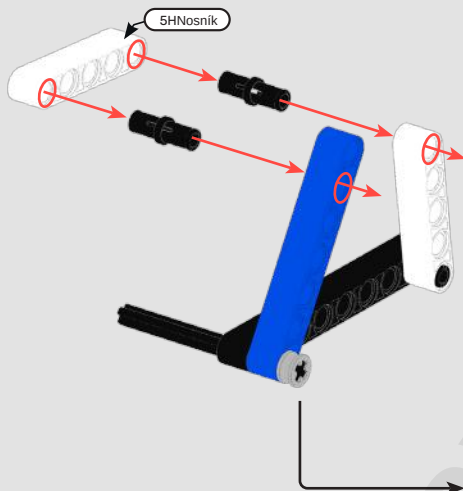
1



2



3

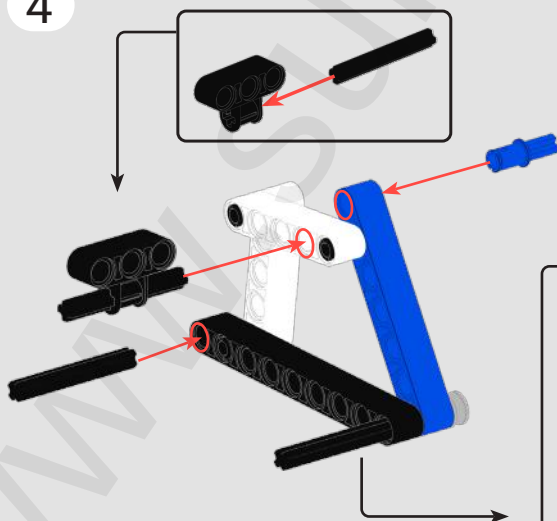


1:1

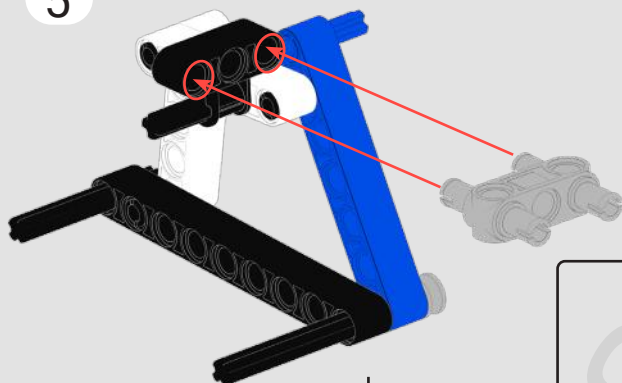


4H Náprava

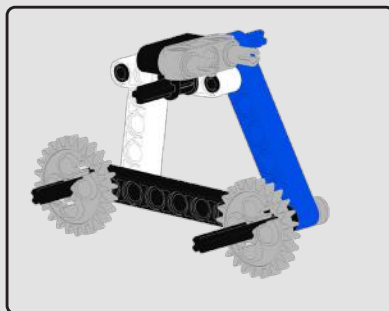
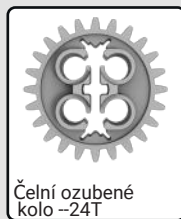
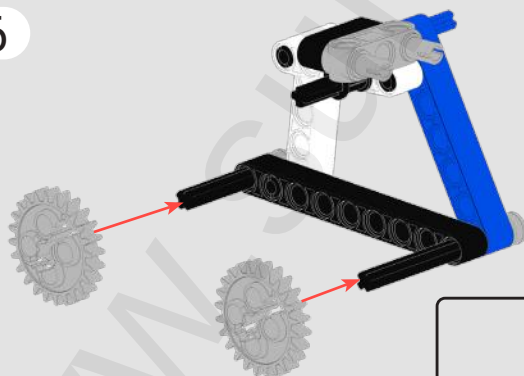
4



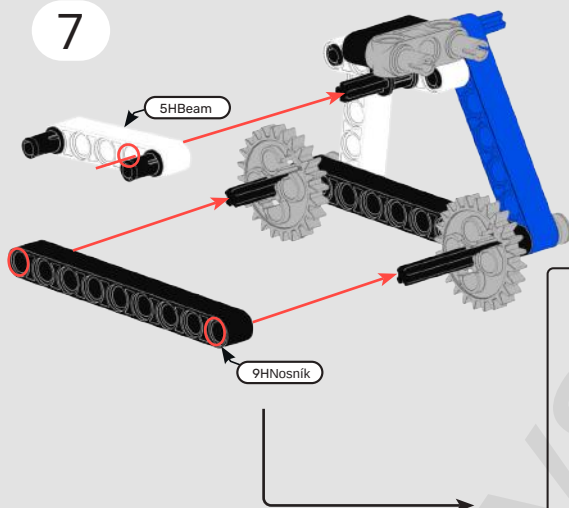
5



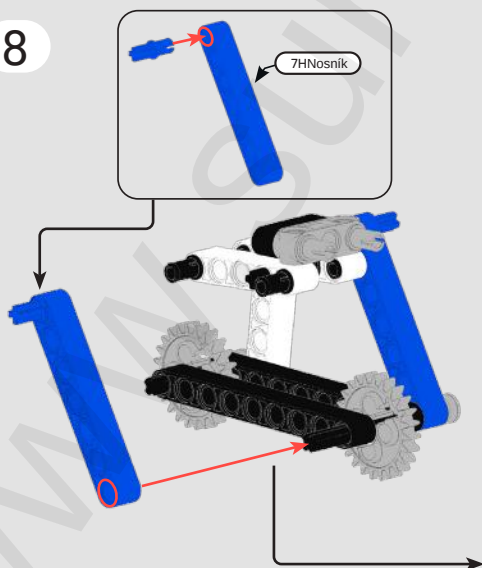
6



7



8



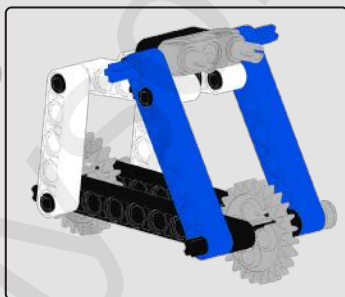
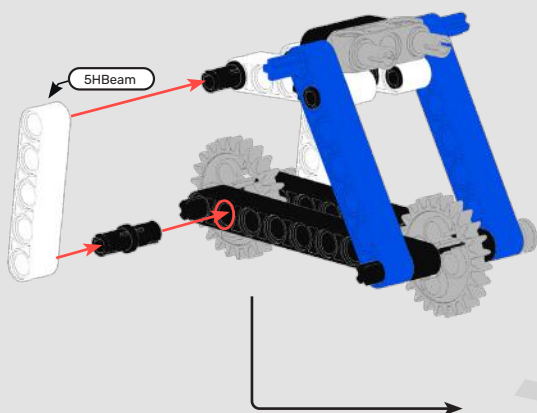
1:1



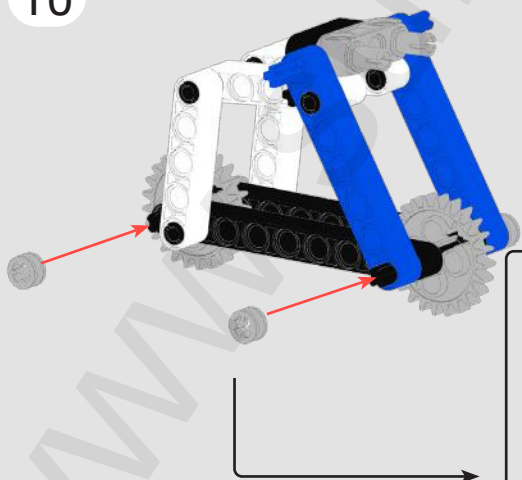
Pin střední nápravy
modrý



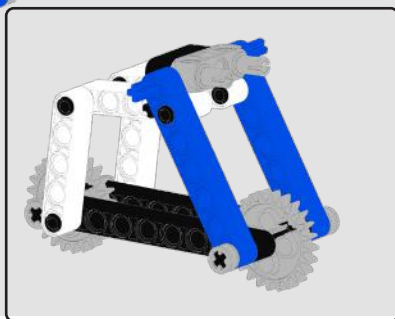
9



10



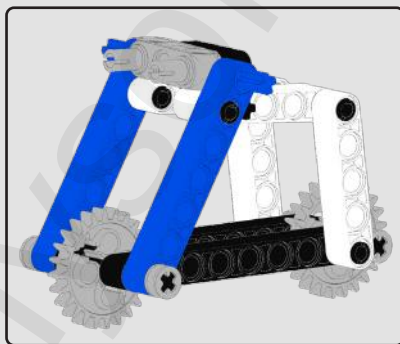
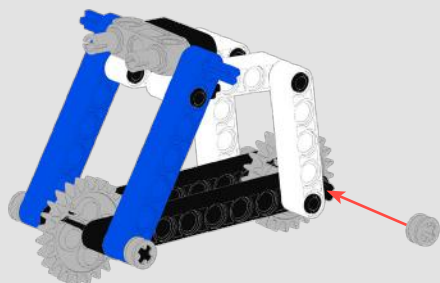
Náplň nápravy - malá



11



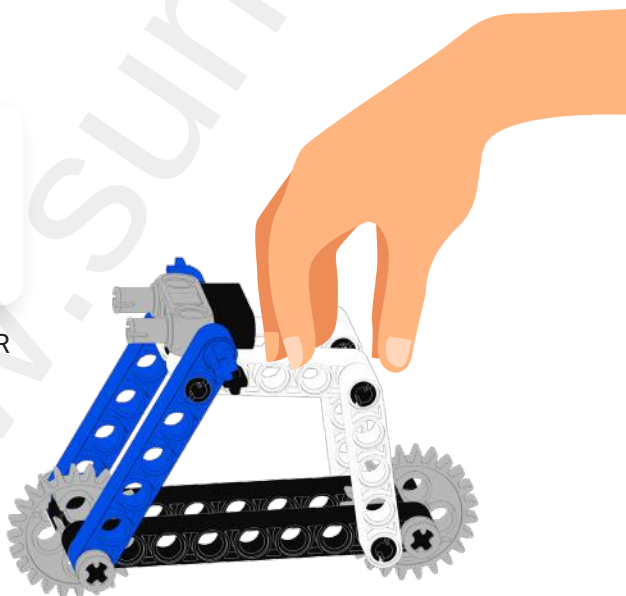
Náplň nápravy - malá



Jak hrát

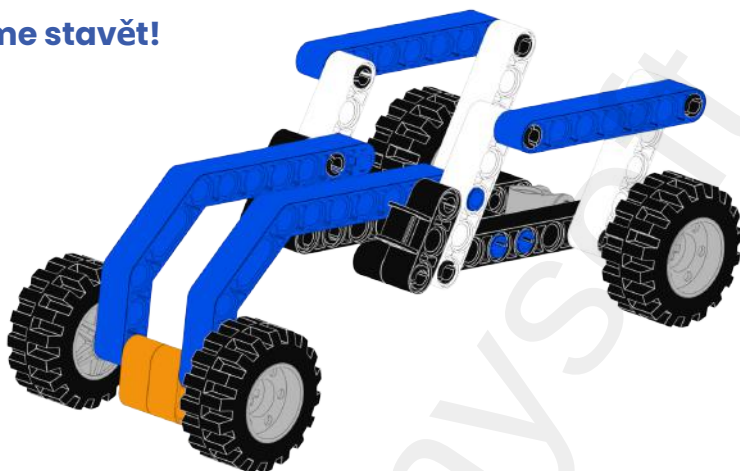


Naskenujte QR
a nahrajte
projekt!



Projekt 2: MEX Retro auto

Pojďme stavět!



Věci, které potřebujeme



9H
Nosník
x 2



7H
Nosník
x 2



5H
Nosník
x 4



3H
Nosník
x 2



2Cx10H
Double Bend
Beam
x 2



1Cx1H
Nosník
x 2



Pin střední
nápravy-modrý
x 2



Střední pin černý
x 13



Dlouhý
pin-modrý
x 2



3Hx4Pin
Konektor
x 2



1Cx1H
Kolmý
konektor
x 1



Trojkolíkový
pin konektor
nápravy
x 1



6H Náprava
x 1



10H Náprava
x 1



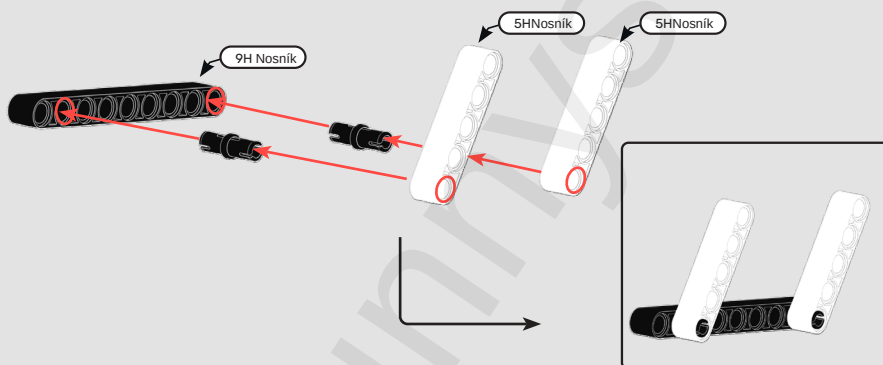
Kolo
x 4



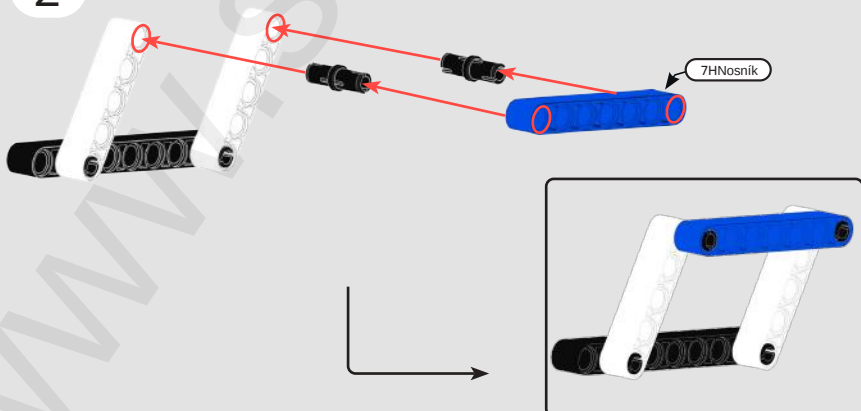
Gumička
x 1

Kroky

1



2

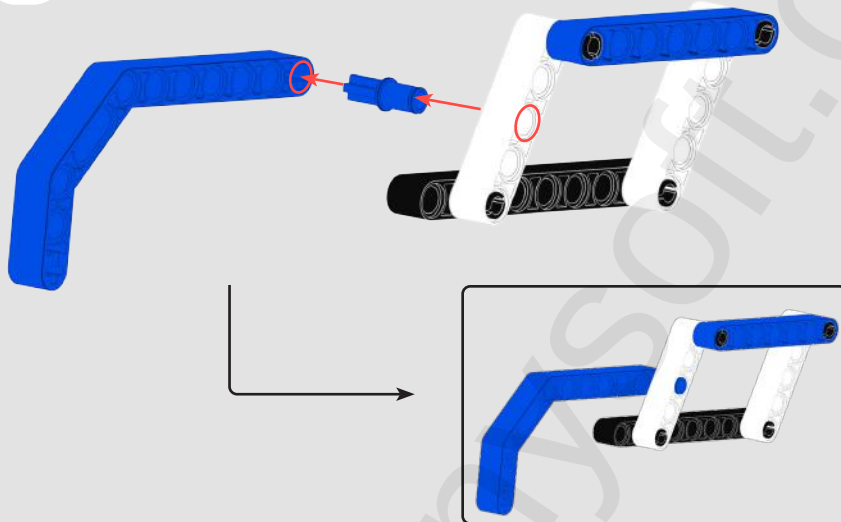


3

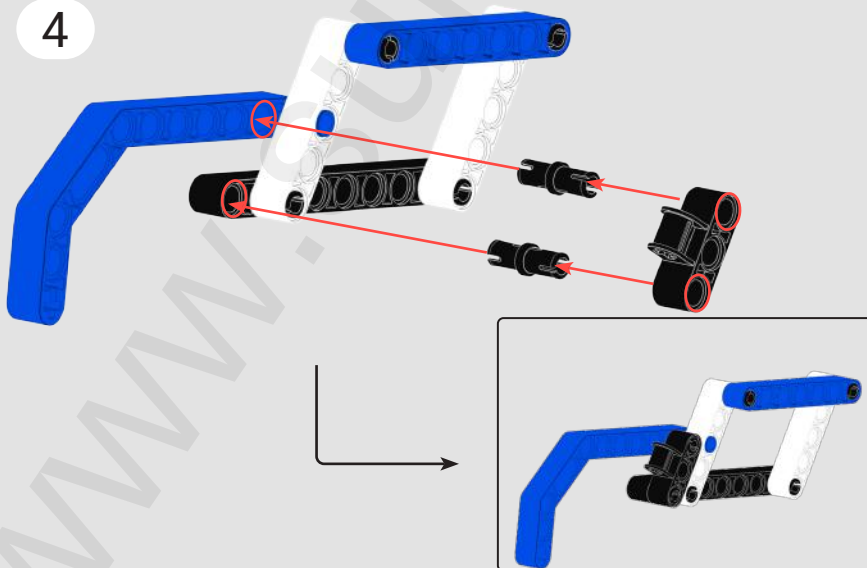
1:1



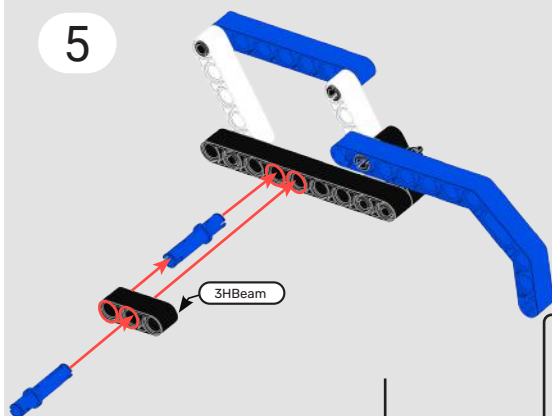
Pin střední nápravy modrý



4



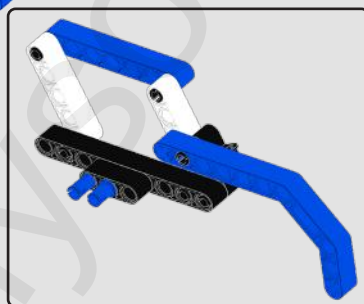
5



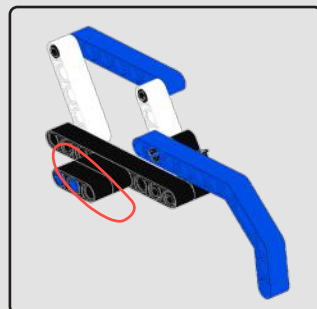
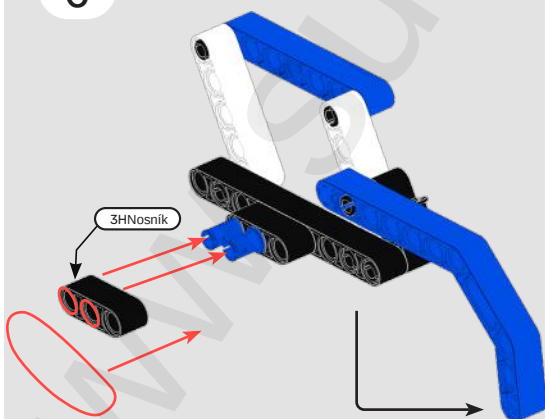
1:1



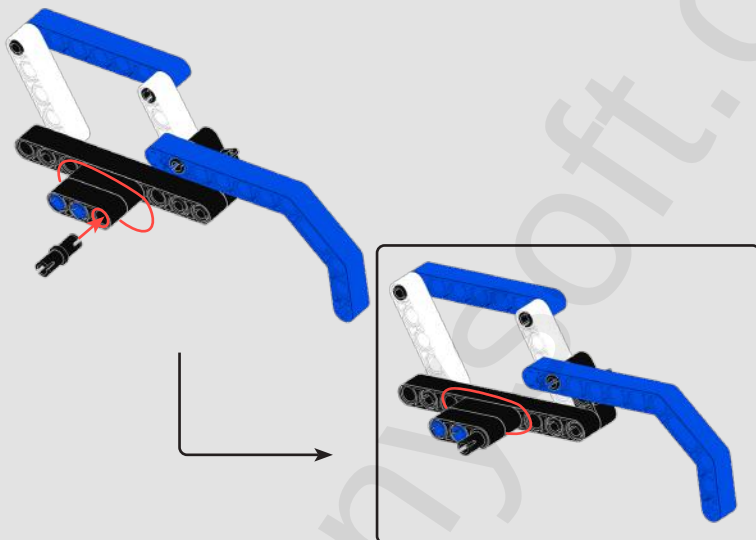
Dlouhý pin modrý



6

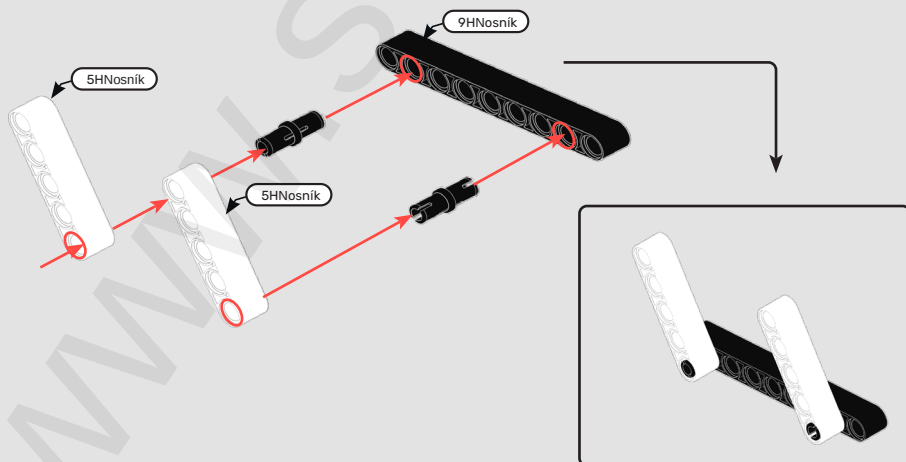


7

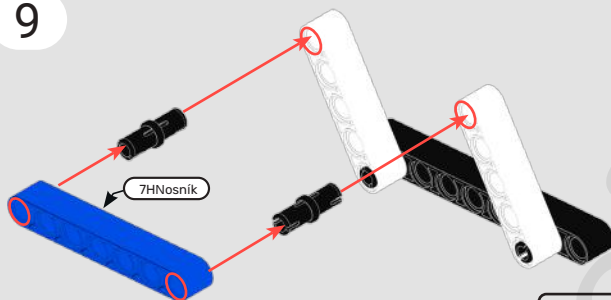


Udělejme druhou stranu.

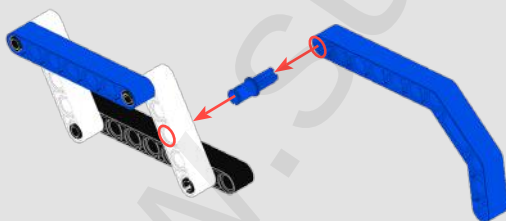
8



9



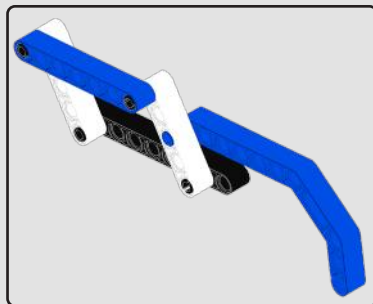
10



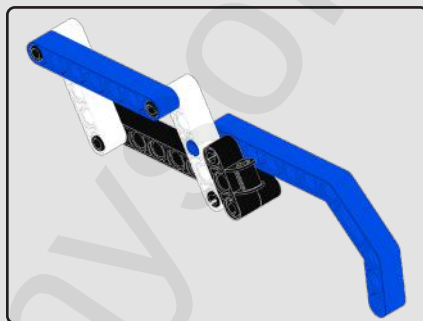
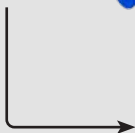
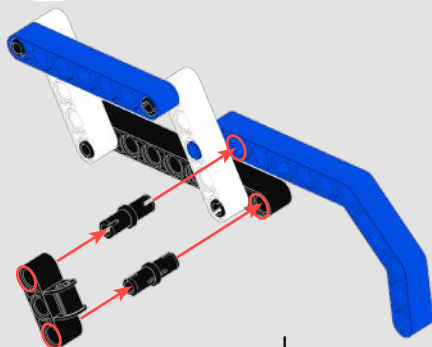
1:1



Pin střední nápravy
modrý



11

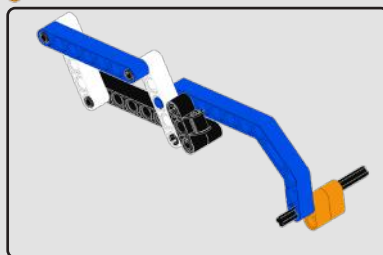
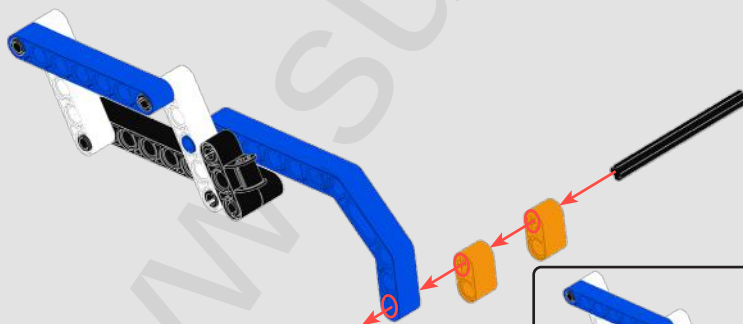


12

1:1



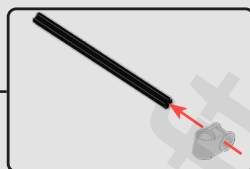
6H Náprava



13

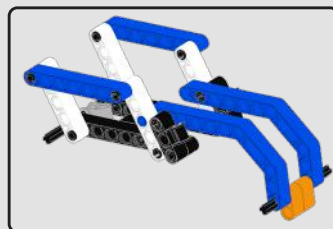
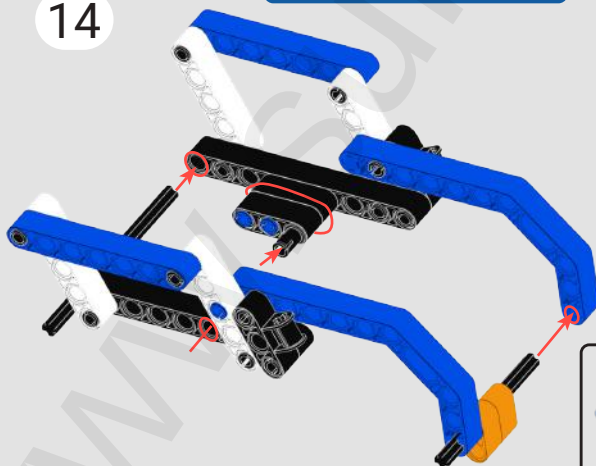
1:1

8H Náprava

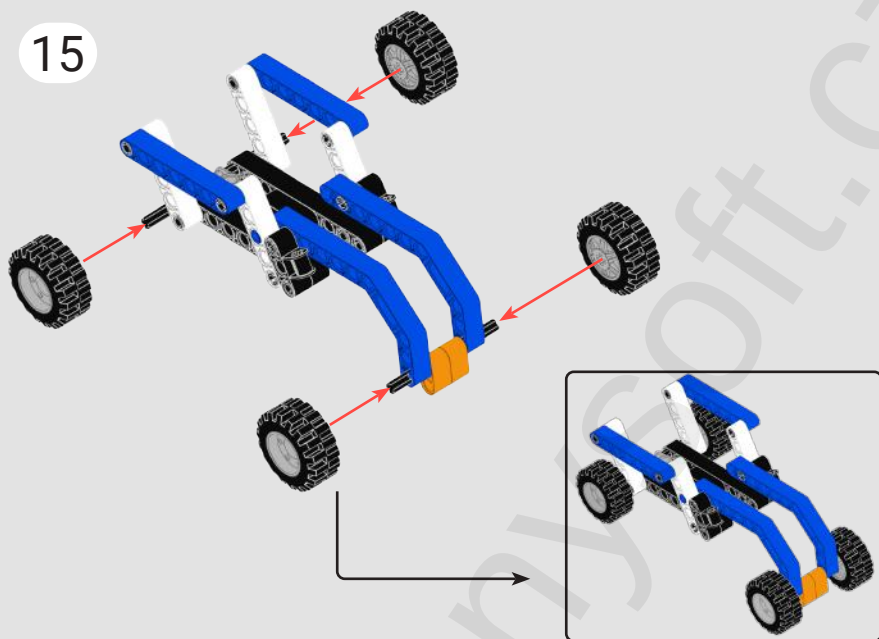


14

Složíme obě strany.



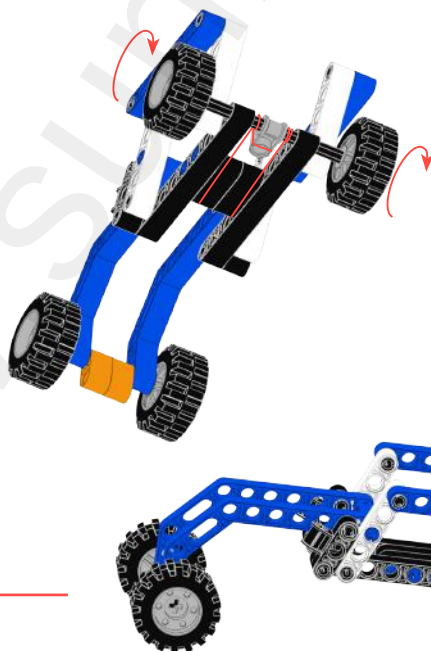
15



Jak hrát



Naskenujte QR
a nahrajte
projekt!



Project 3: MEX Buggy

Pojďme stavět!



Věci, které potřebujeme



7H Nosník
x 2



5H
Nosník
x 2



2Cx10H
Dvojitý
ohybový
nosník
x 2



2Cx7H
Jednoduchý
ohybový
nosník x 2



3Cx2H
Tenký-D
x 2



1Cx1H
Nosník
x 2



Střední čep
nápravy -
modrý
x 4



Střední pin -
černý x 4



6H
Náprava
x 1



8H Náprava
x 1



10H Náprava
x 1



Výplň
nápravy -
velká
x 4



Výplň
nápravy -
malá x 2



Trojkolíkový
kolmý
konektor
nápravy
x 1

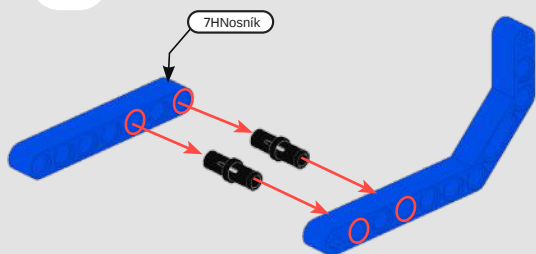


Kolo
x 4



Gumička
x 1

1

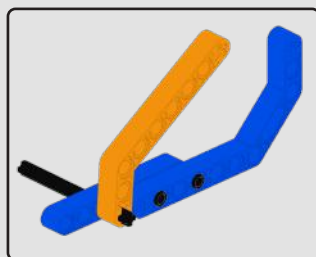
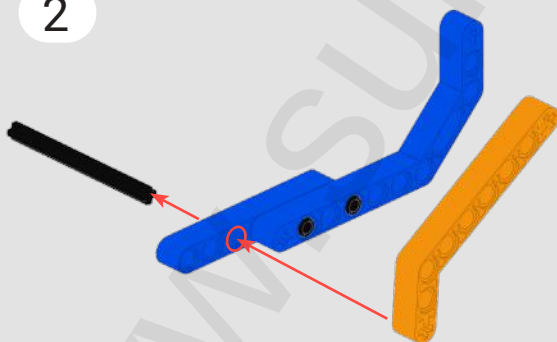


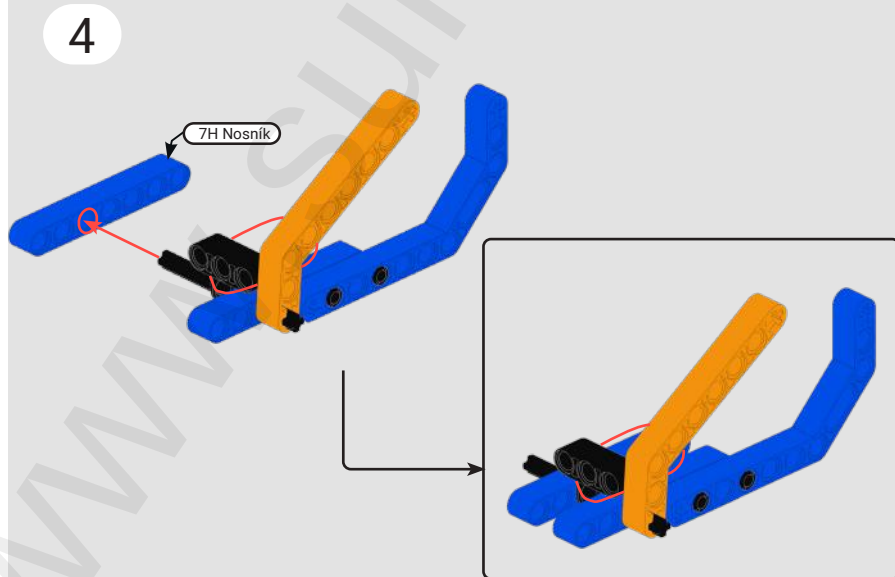
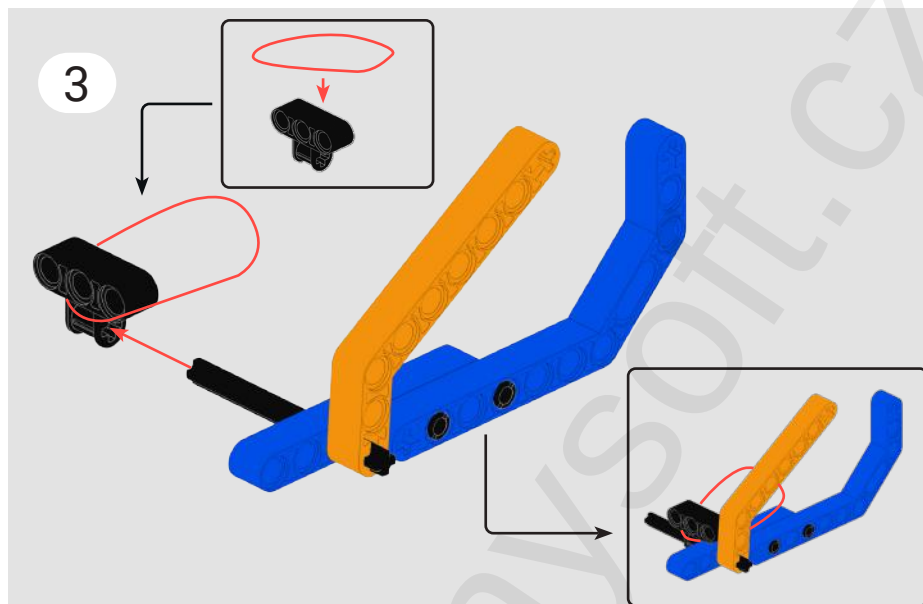
2

1:1



6H Náprava

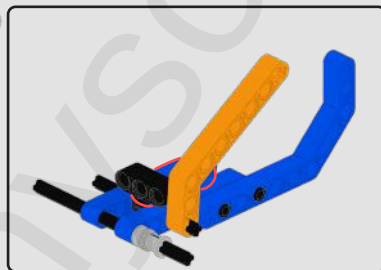
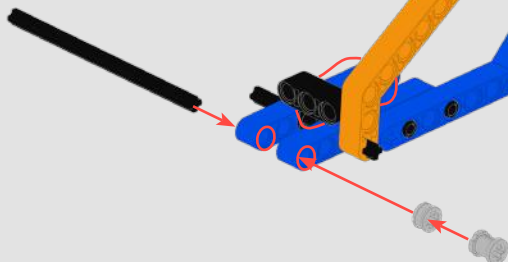




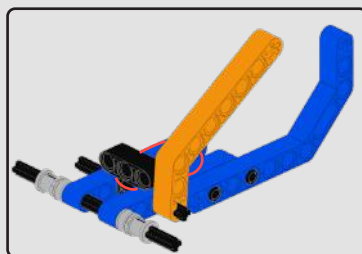
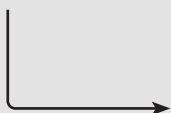
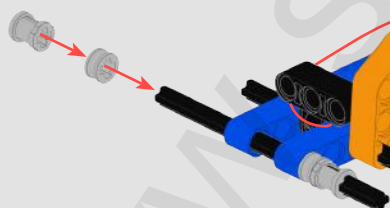
5

1:1

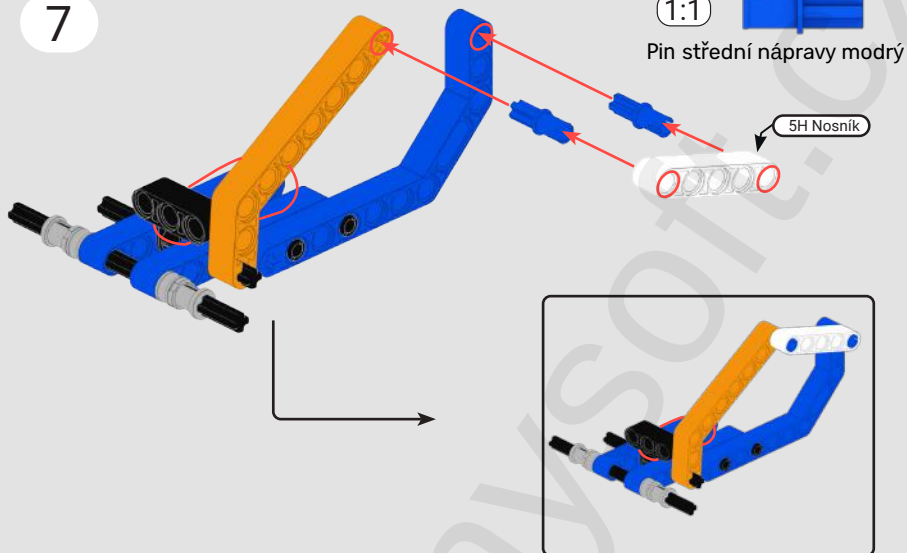
10H Náprava



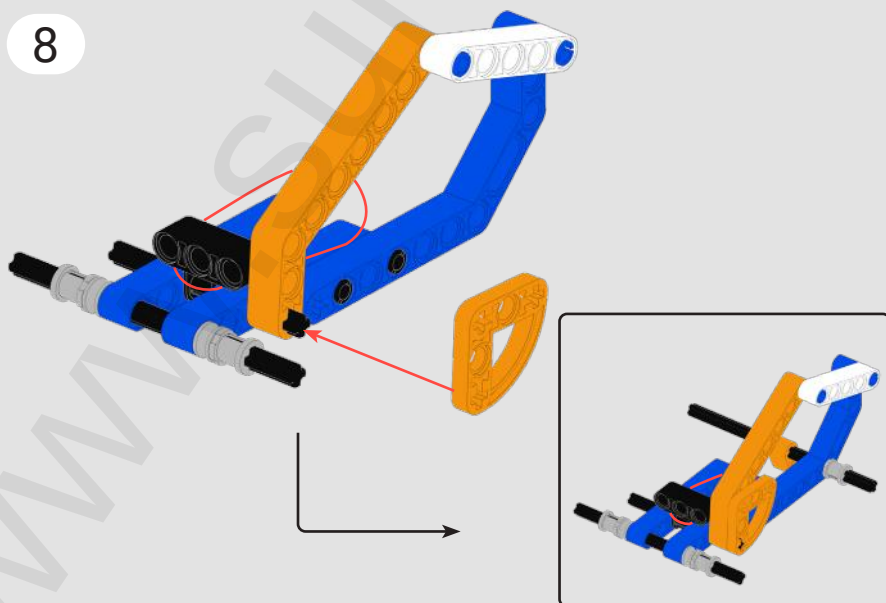
6



7



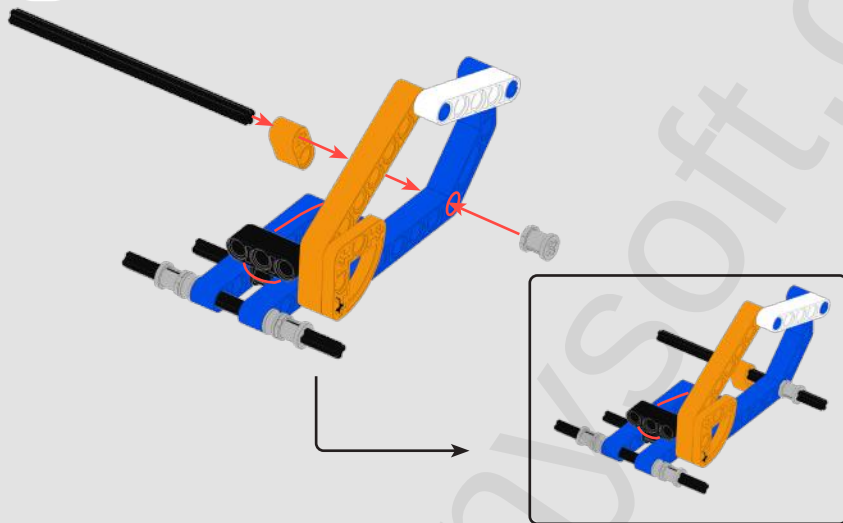
8



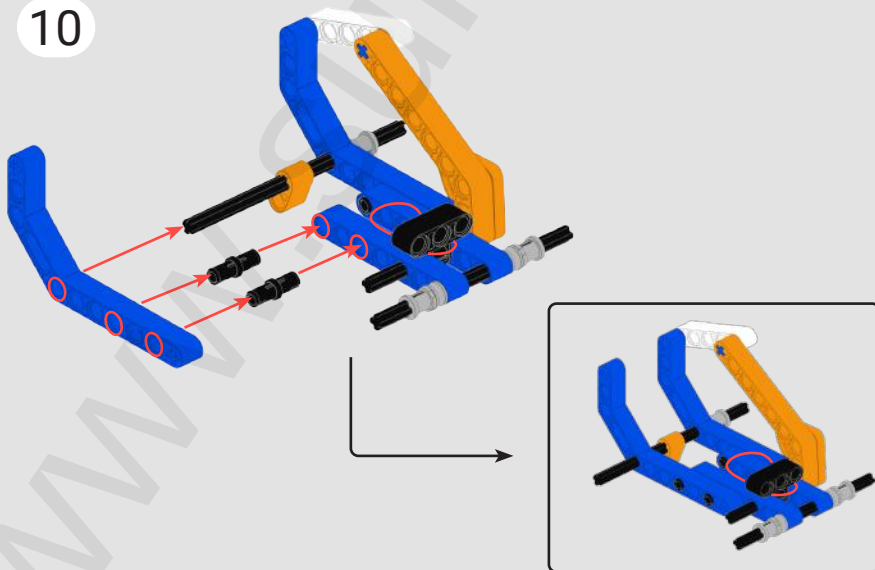
9

1:1

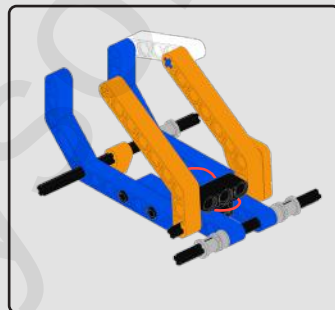
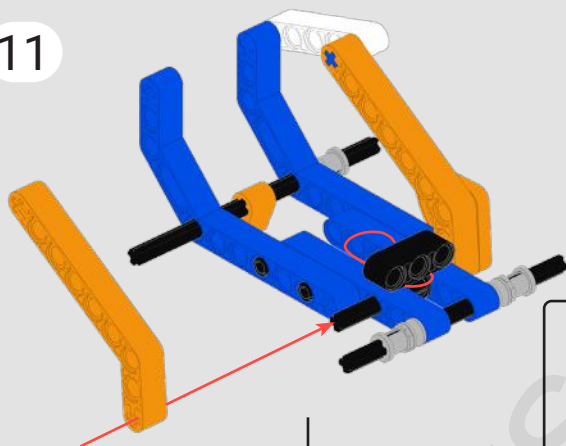
8H Náprava



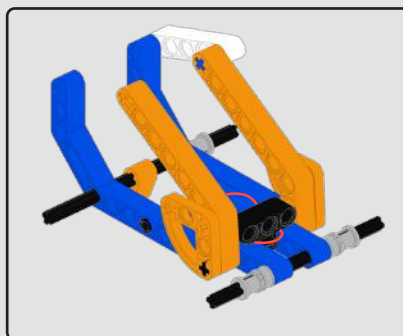
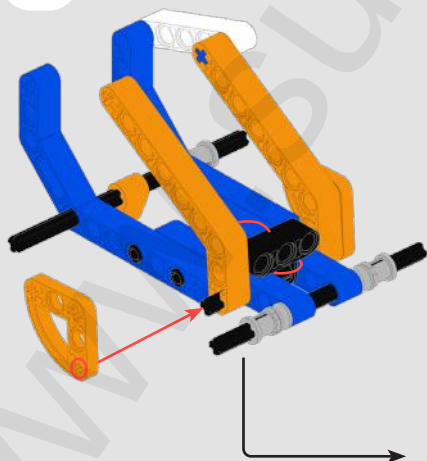
10



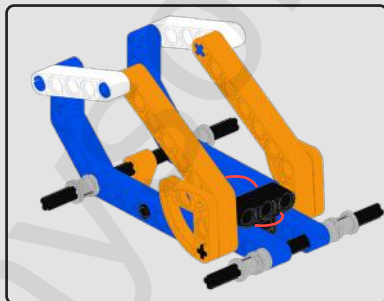
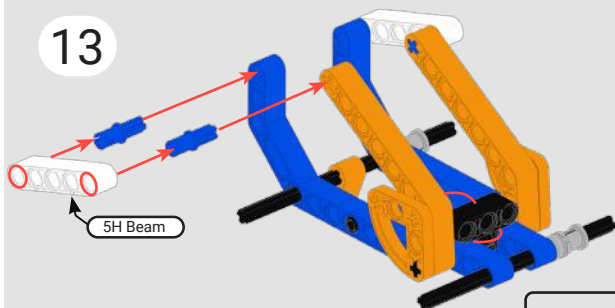
11



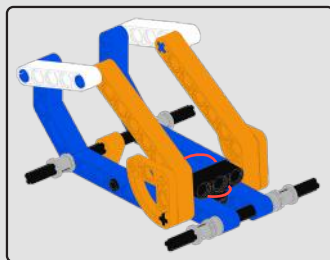
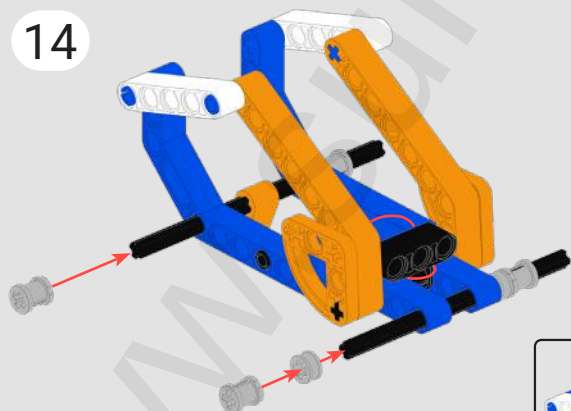
12

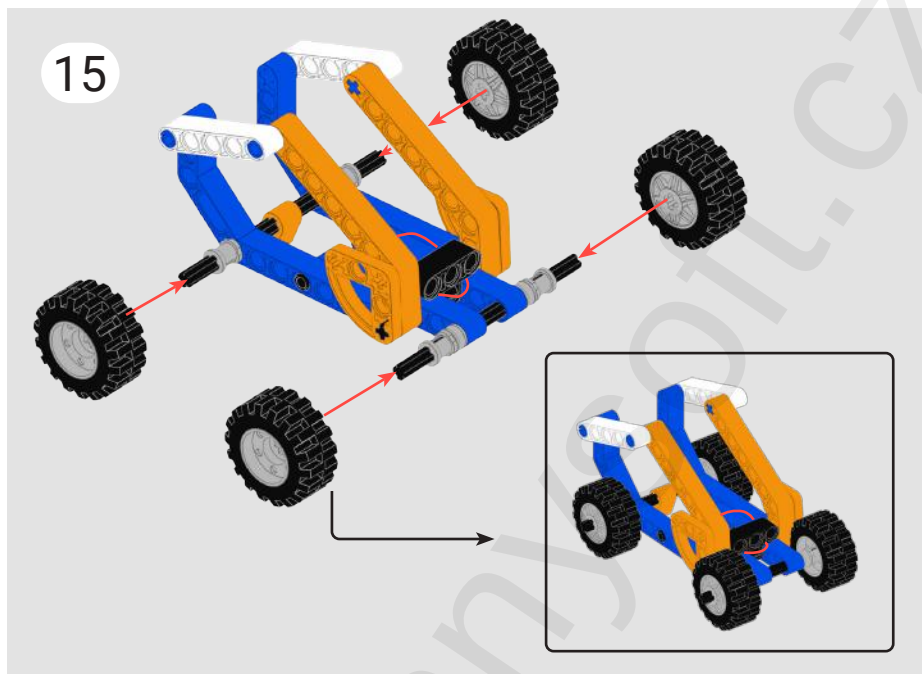


13



14

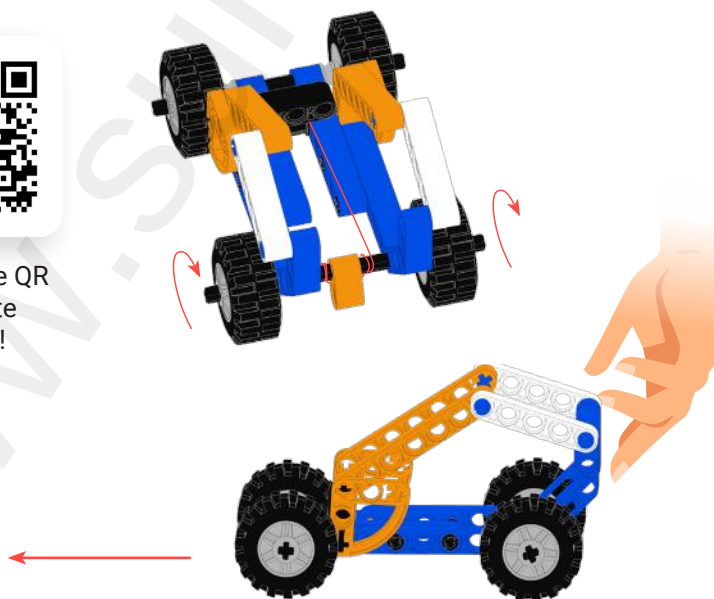




Jak hrát

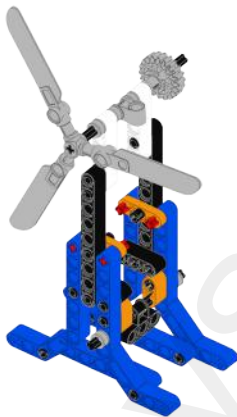


Naskenujte QR
a nahrajte
projekt!



Projekt 4: Větrný mlýn MAX

Pojďme stavět!



Věci, které potřebujeme



9H Nosník
x 2



5H Nosník
x 2



3H
Nosník
x 2



2Cx10H
Dvojité
ohybový
nosník
x 4



2Cx1H
Tenký
nosník
x 2



1Cx1H
Nosník
x 2



2H
Náprava
x 4



8H
Náprava
x 1



10H
Náprava
x 1



Lopatka
x3



Trojité
konektor
osy
x1



Náplň
nápravy -
malá
x 5



Medium
PinBlack
x 14



20T Dvojité
kuželové
ozubení
x 1



Náplň
nápravy-velká
x 4



Trojpinový
konektor
nápravy
x 1

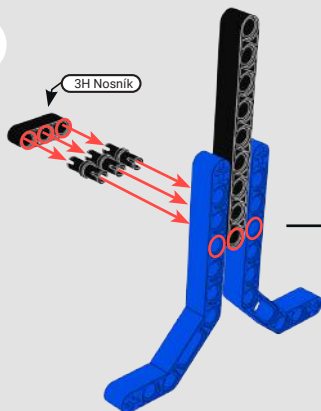


1Cx1H
Kolmý
konektor
x 1

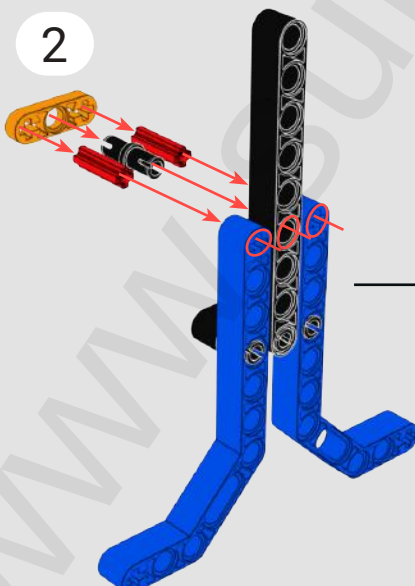


Gumička
x 1

1

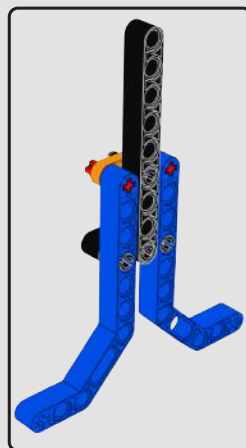


2

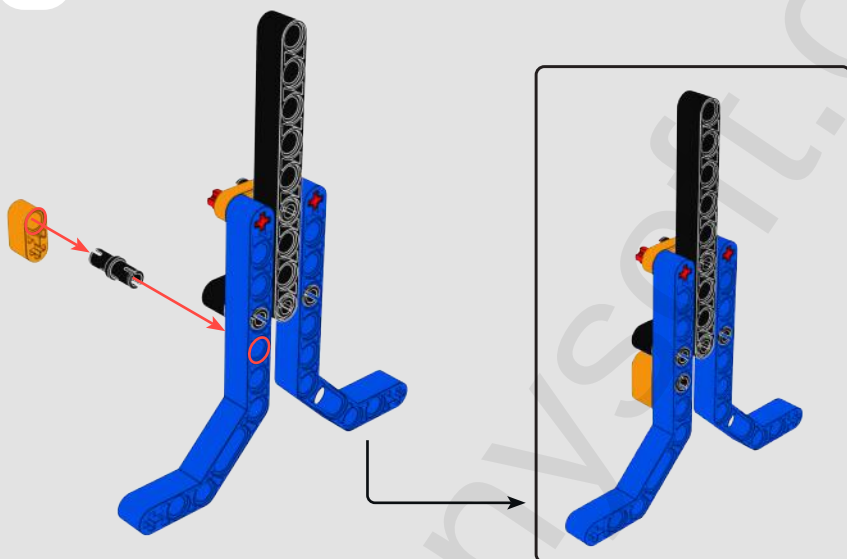


1:1

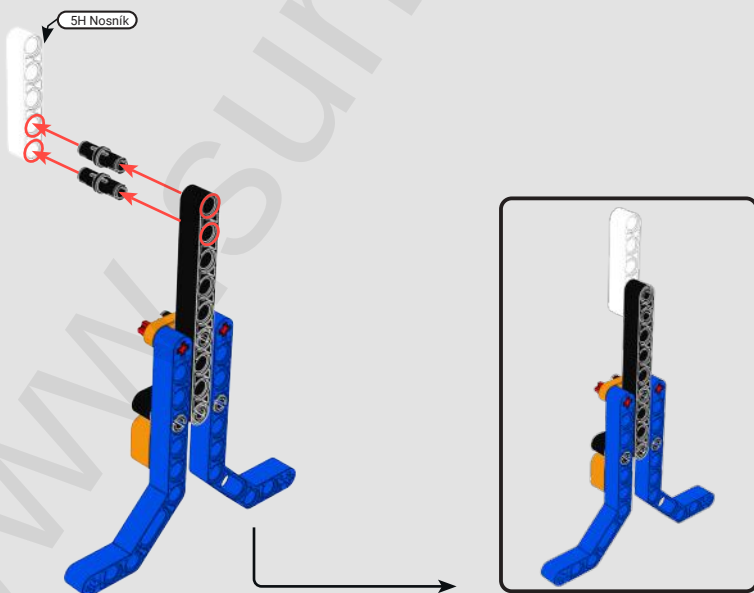
2H Náprava



3

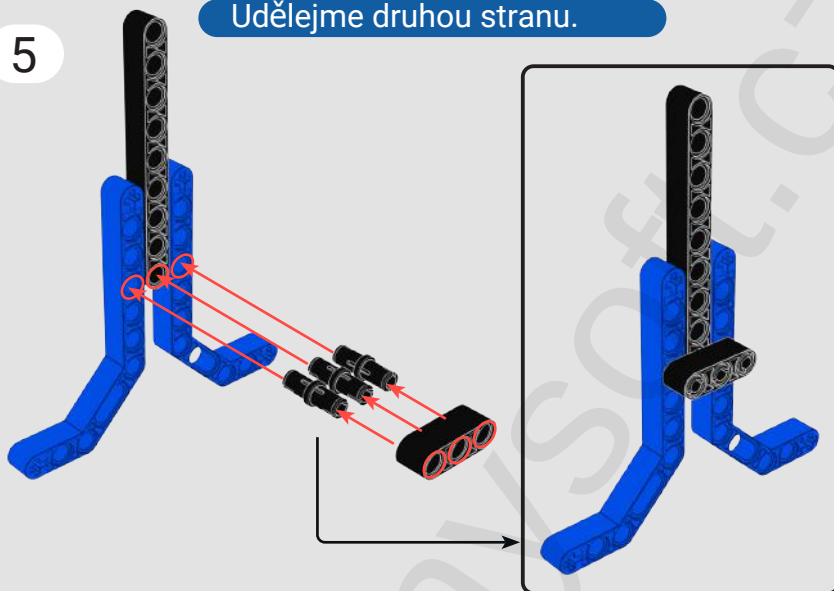


4



5

Udělejme druhou stranu.

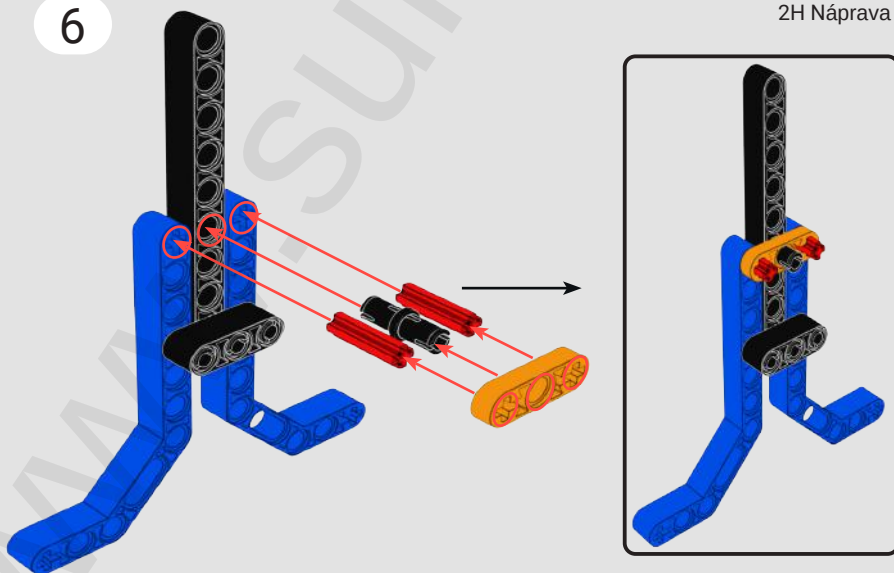


6

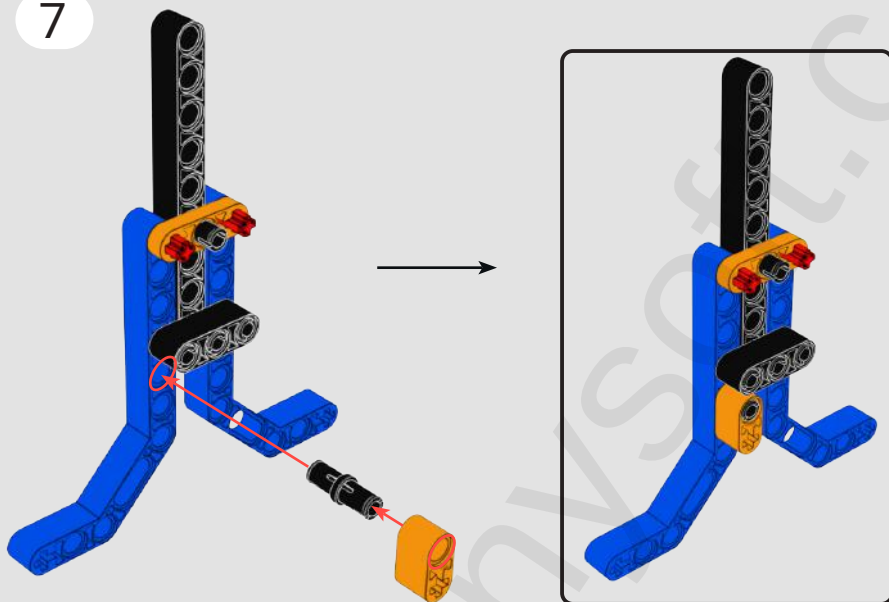
1:1



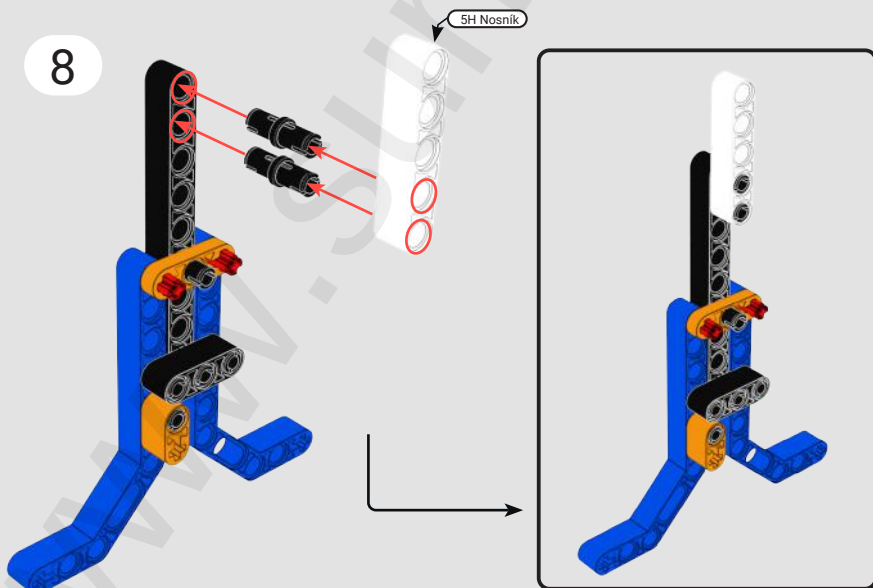
2H Náprava



7



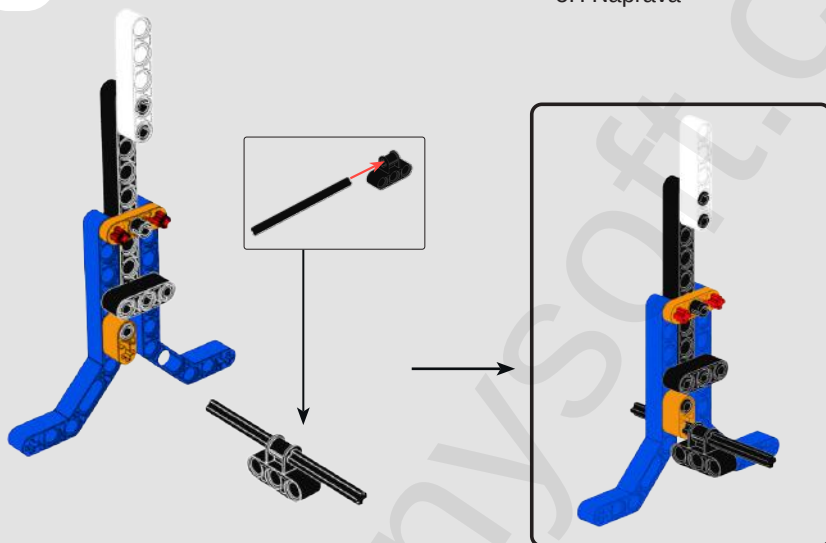
8



9

1:1

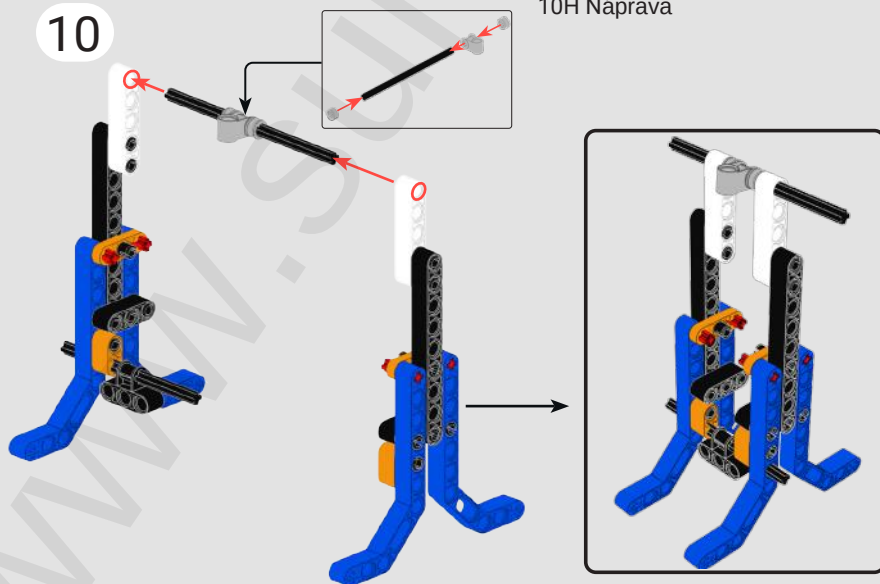
8H Náprava



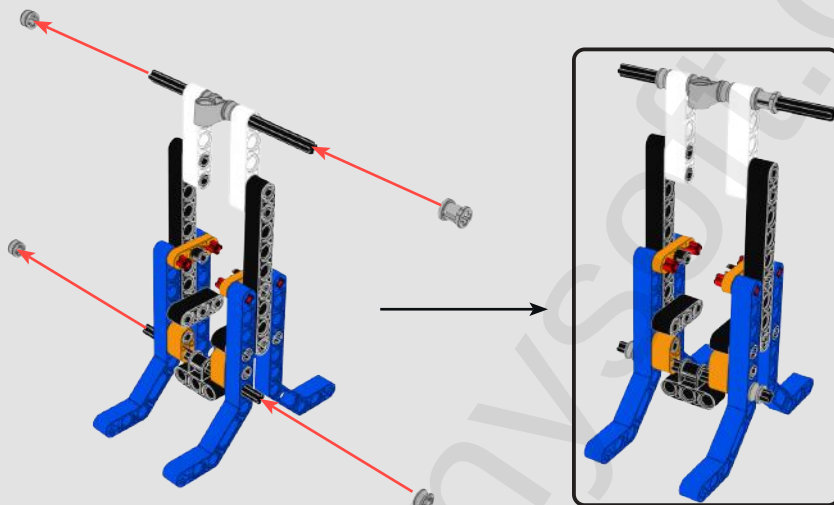
1:1

10H Náprava

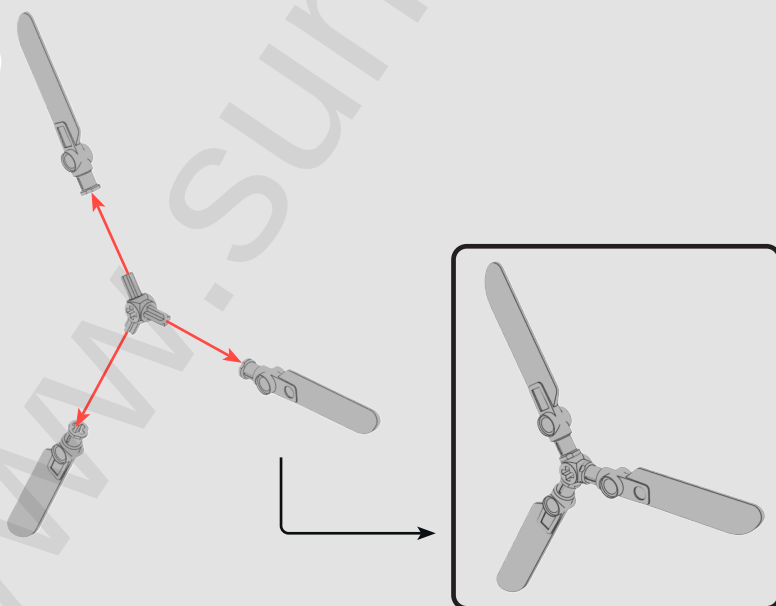
10



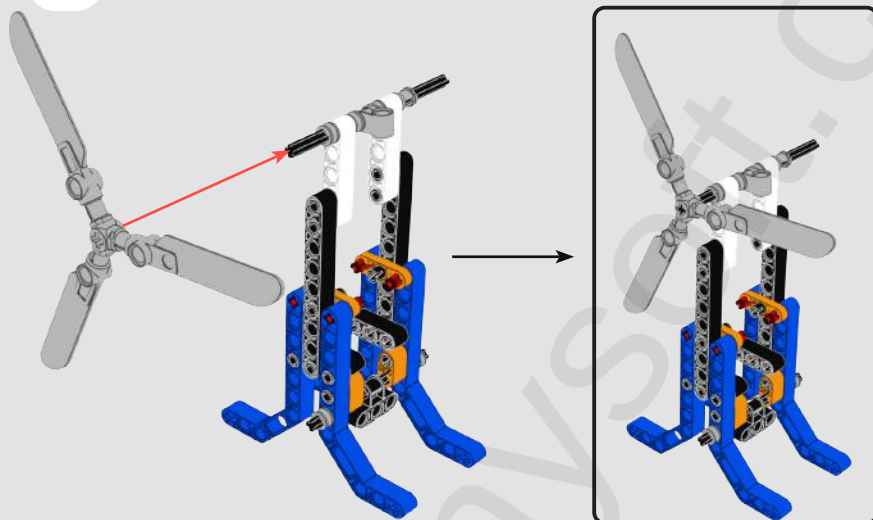
11



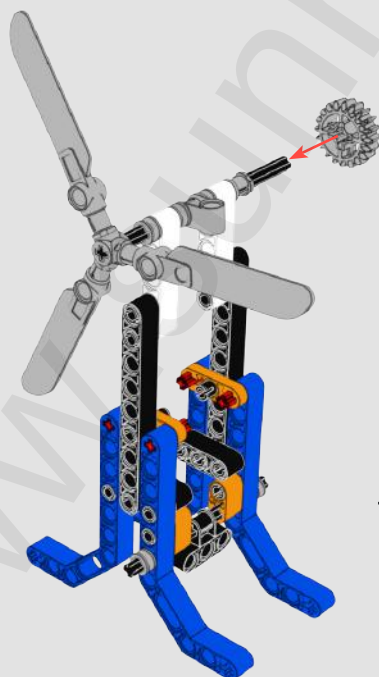
12



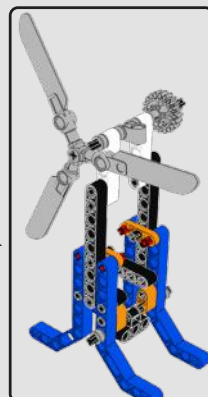
13



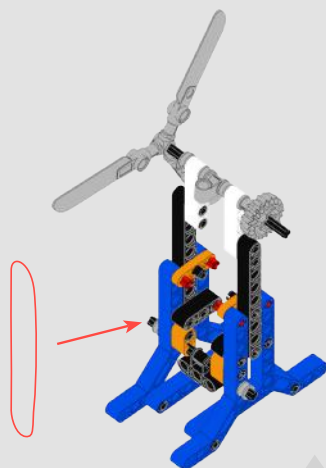
14



20T Dvojité
kuželové
ozubení



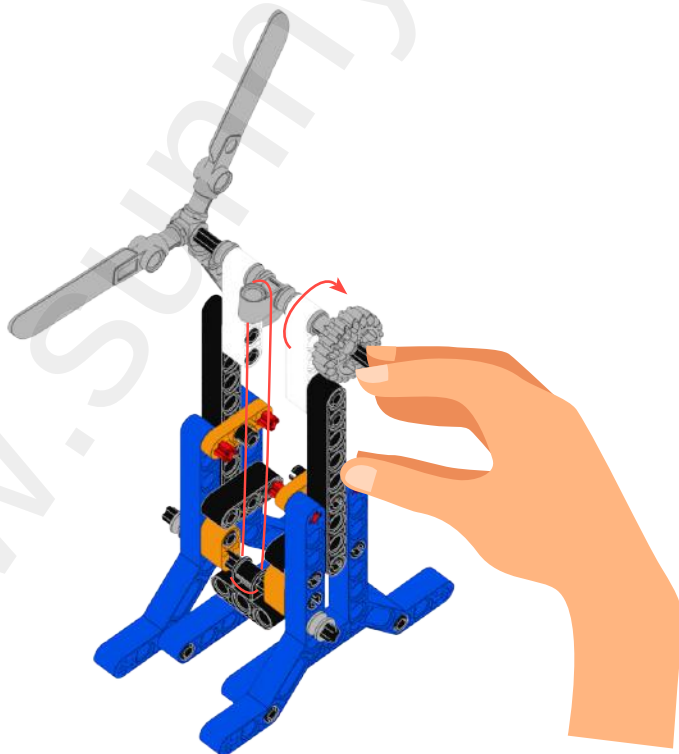
14



Jak hrát

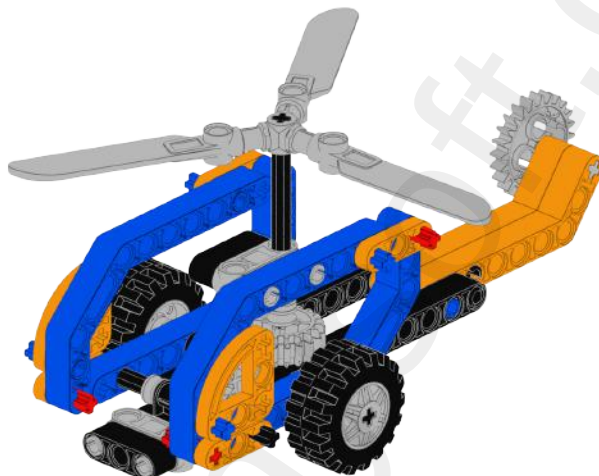


Naskenujte QR
a nahrajte
projekt!



Projekt 5: MEX Helikoptéra

**Pojďme
stavět!**



Věci, které potřebujeme



9H
Nosník
x 2



3H
Nosník
x 2



2Cx10H
Dvojitý ohybový
nosník
x 4



2Cx7H
Jeden
ohybový
nosník x 2



3Cx2H
Tenké-D
x 2



2Cx1H
Tenký
Nosník
x 2



2H Náprava
x 4



8H
Náprava
x 1



3H
Náprava
x 1



10H
Náprava
x 1



Střední
pin-černý
x 5



Pin střední
nápravy-
modrý
x 4



3Hx4Pin
Konektor
x 2



Výplň nápravy -
malá
x 5



Výplň
nápravy-
velká
x 4



Lopatka
x3



Trojitý konektor
osy
x1



Kolmý Pin
konektor na
nápravě
x 1



20T Dvojitě
kuželové
ozubení
x 2



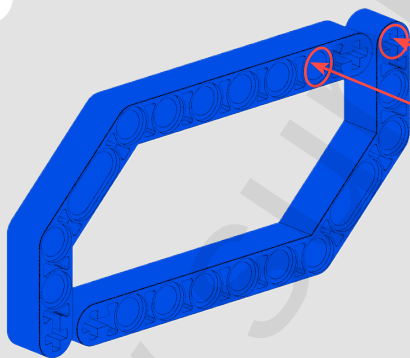
Čelní
ozubené kolo
24T
x 1



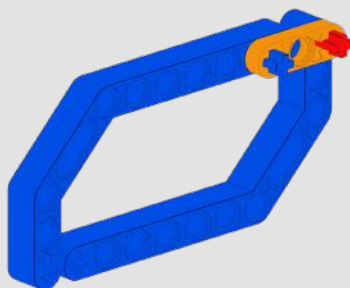
Kolo
x 4

Kroky

1

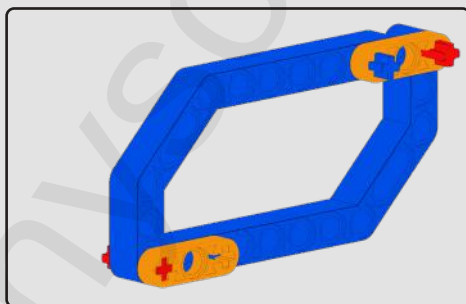
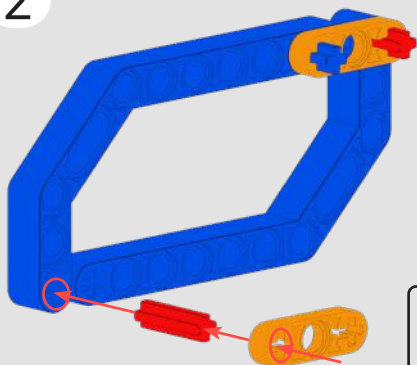


Pin střední nápravy Modrý



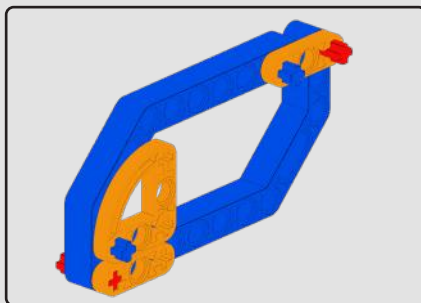
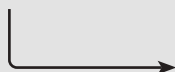
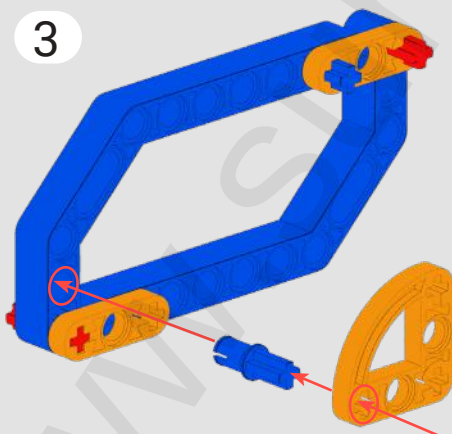
2

(1:1) 
2H Náprava



3

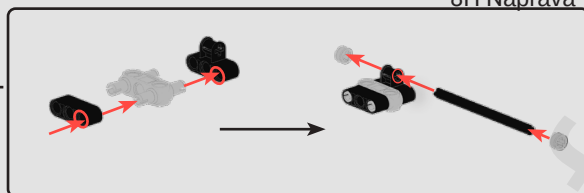
(1:1) 
Pin střední nápravy Modrý



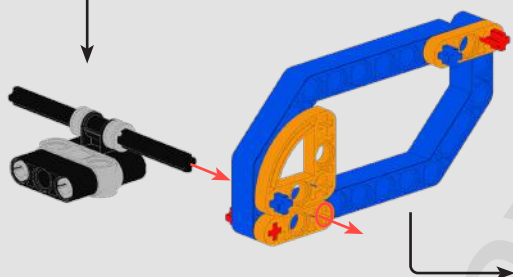
4

1:1

8H Náprava

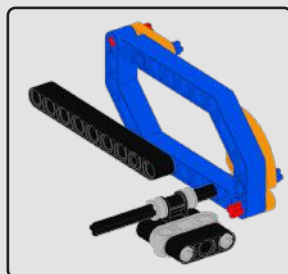
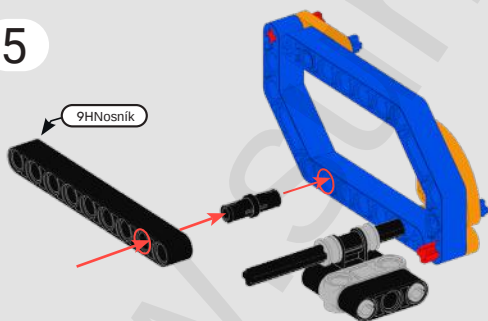


Náplň nápravy - malá



5

9HNosník



Tip na sestavení



Černé střední piny mohou být trochu obtížné vložit! Ale nebojte se. Protlačte je a ujistěte se, že spoj je pevný. Použijte trochu síly :-).

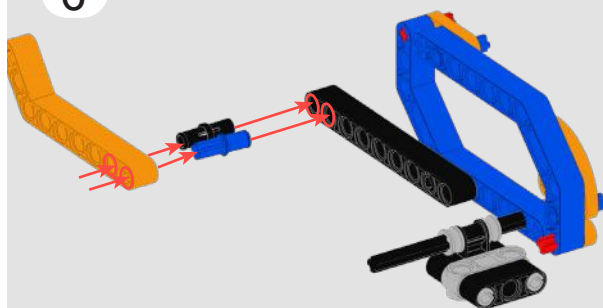


6

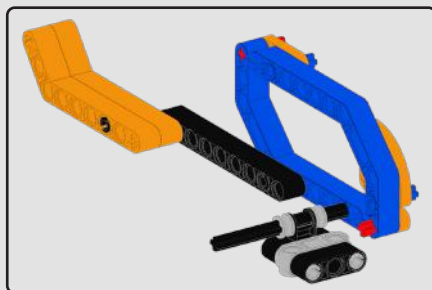
1:1



Pin střední nápravy Modrý



7



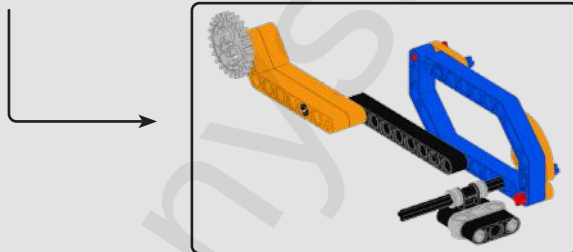
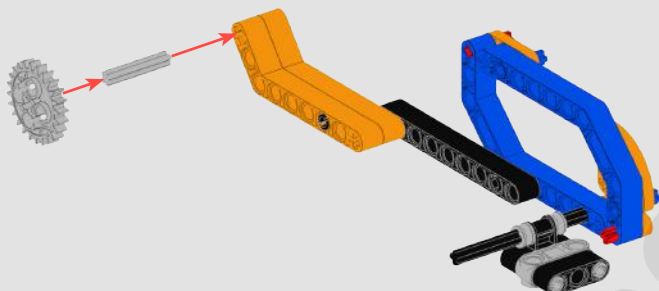
8

1:1

3H Náprava



Čelní ozubené
kolo - 24T



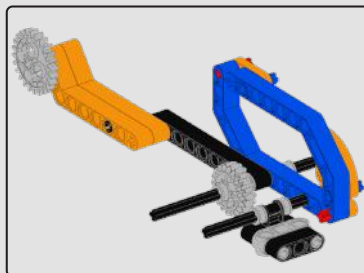
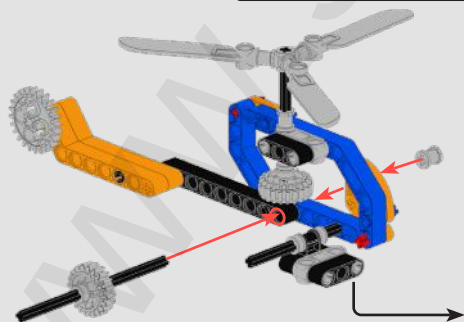
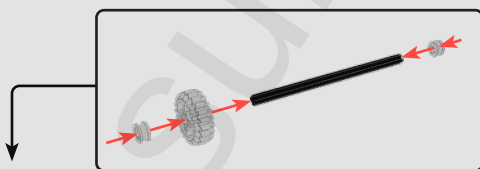
9

1:1

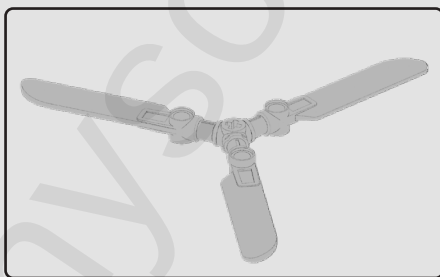
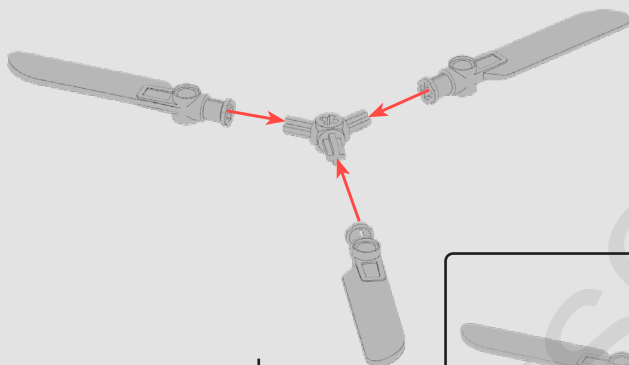
10H Náprava



20T Dvojité
kuželové ozubení

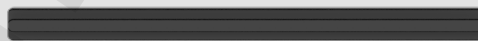


10

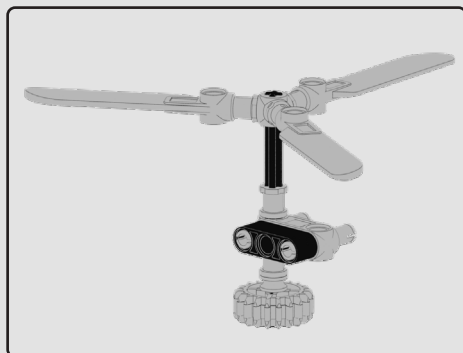
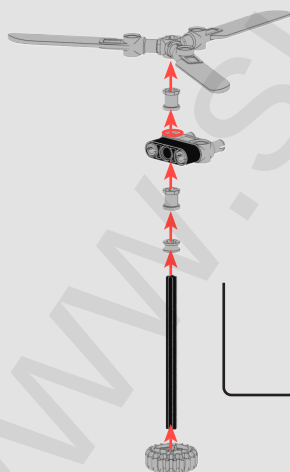


11

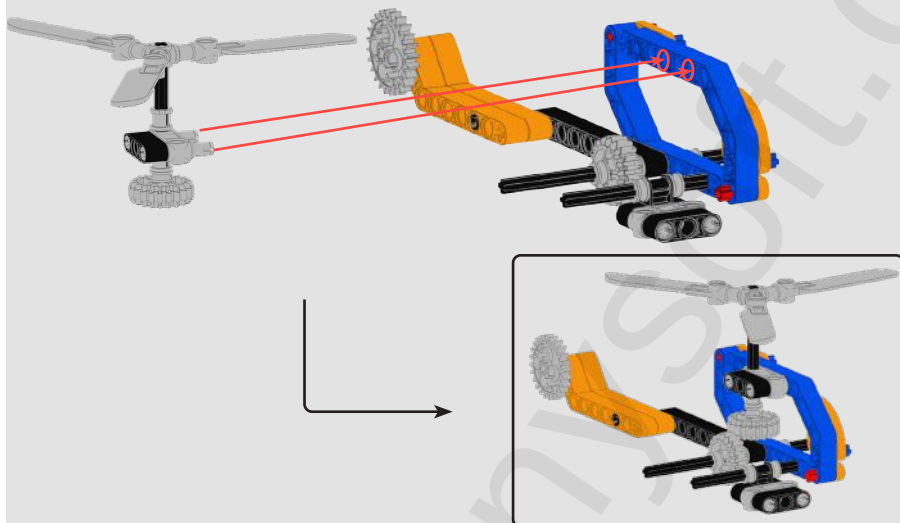
1:1



8H Náprava

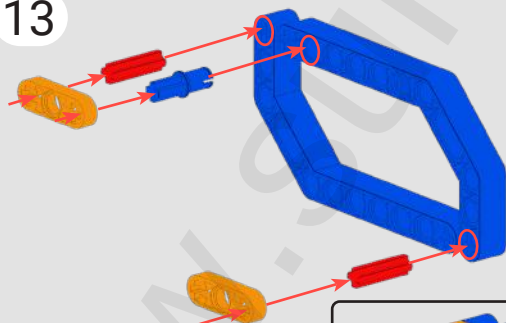


12



Udělejme druhou stranu.

13



1:1

2H Náprava

1:1



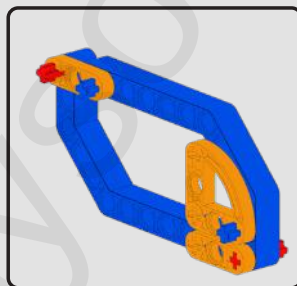
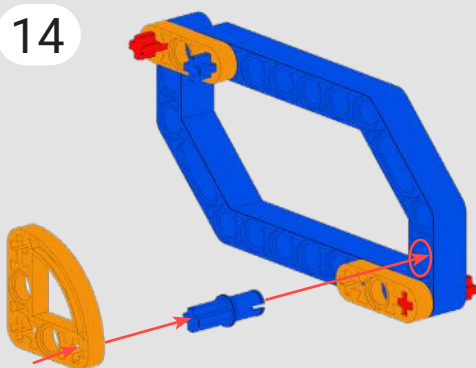
Pin střední nápravy Modrý

14

1:1

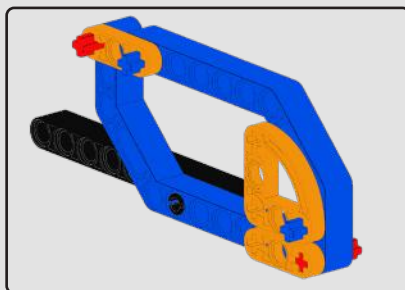
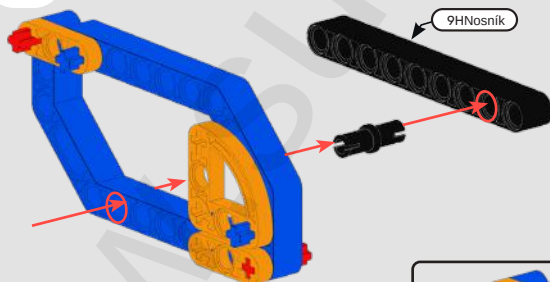


Pin střední nápravy Modrý

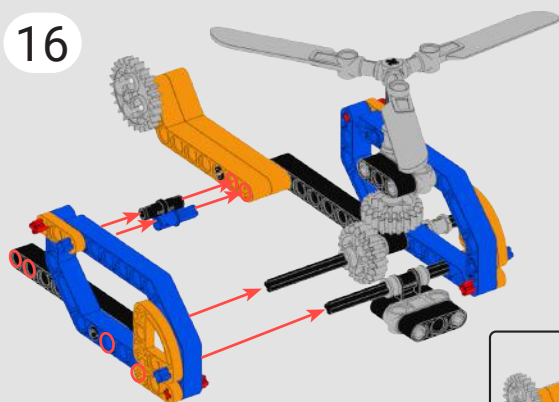


15

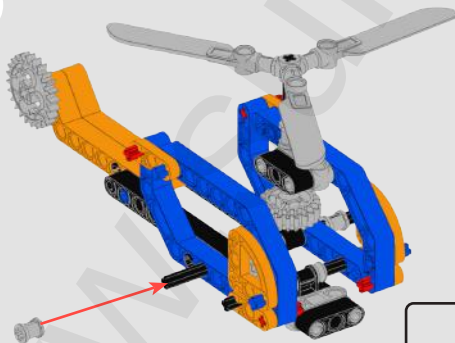
9HNosník



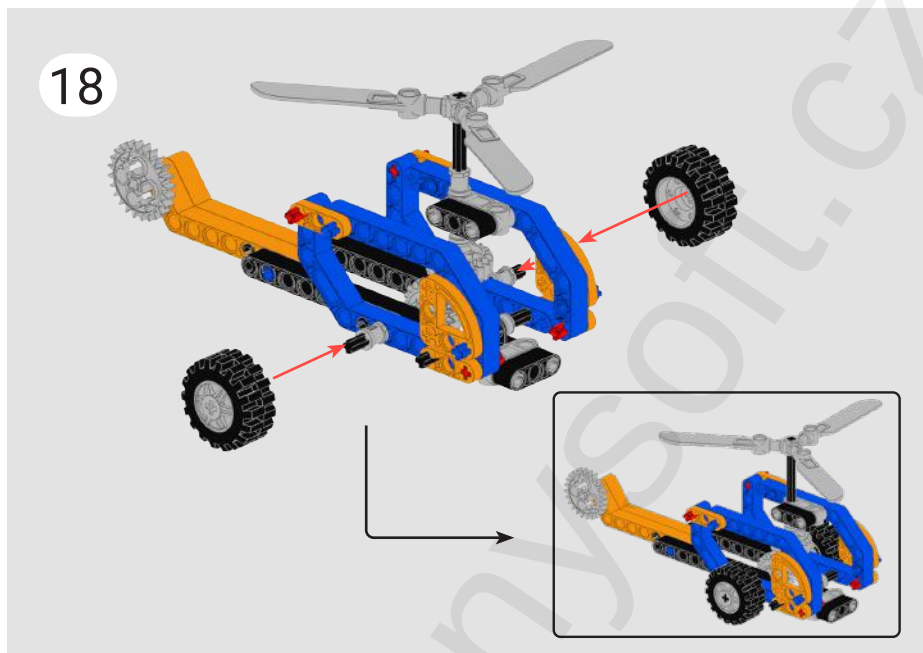
16



17



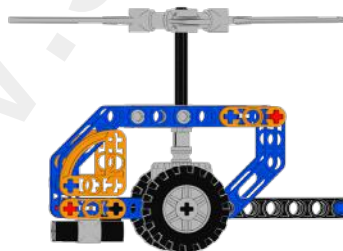
18



Jak hrát



Naskenujte QR
a nahrajte
projekt!



5 dalších projektů!

Naskenujte QR kód a odemkněte dalších pět projektů



Robotizujte své roboty!

Chcete do svých projektů MREK přidat motory a LED a hrát si s nimi pomocí aplikace? Kupte si elektronický balíček MEX a upgradujte svou sadu!



Naskenujte a kupte nyní



Napište nám svůj názor!

Vaše zpětná vazba je srdcem našeho růstu a rádi bychom vaše zkušenosti ukázali světu. Jednoduše zapište své myšlenky na tuto stránku, vyfot'te, označte nás a sdílejte je ve svých příbězích!
#ShareYourExperience #AvishkaarAdventures

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@AvishkaarEdu

MEX

Robotik
Erkundungsset

Benutzerhandbuch



LÖSUNG
PROBLEM



MECHANISCH
AUSFÜHRUNG



IHRE EIFERSUCHT



ROBOTER





„Ich träume nicht von
Viel Glück, ich arbeite daran!“
auf der

Inhalt

Holen Sie das Beste aus Ihrer Ausrüstung heraus	04
Der Eid des Innovators	05
Rüstungsprüfung	08
Alles über Achsen	11
Projekt 1: MEX Mountainbike (MTB)	12
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Projekt 3: MEX Buggy	28
Projekt 4: MEX Windmühle	37
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Robotisieren Sie Ihre Roboter!	58

Holen Sie das Beste aus Ihrer Ausrüstung heraus

Innovation



Legen Sie den Innovatoreid ab

Legen Sie den auf Seite 5 erwähnten Innovator-Eid ab und verstehen Sie, was er bedeutet ein Innovator zu sein.



Erfahren Sie, wie Sie Build, Code und Handbuch/ Videos verwenden.

Befolgen Sie die Schritt-für-Schritt-Anweisungen im Handbuch, um zu erfahren, wie Sie mit Ihrem Bausatz spannende Roboter bauen.



Kontrolle

Erstellen Sie innovative Projekte mit Ihren Sets und steuern Sie die Roboter mit Aviskaar-Fernbedienung und Code verwenden Avishkaar Maker Studio.

Aktie

Gewinnen



Treten Sie der Lass uns Avishkaar

Treten Sie unserer FB-Community bei, vernetzen Sie sich mit Innovatoren und erhalten Sie die neuesten Webinar-Updates.



Projekte hochladen

Laden Sie Projekte auf www.avishkaar.cc hoch und teilen Sie sie mit Innovatoren auf der ganzen Welt.



Internationales Wettbewerbe

Nehmen Sie an wöchentlichen, monatlichen und jährlichen Wettbewerben teil und erlangen Sie weltweite Berühmtheit.



Der Eid des Innovators

Legen Sie unten den Innovator-Eid ab und verpflichten Sie sich damit zu einem lebenslangen Engagement für Innovation und Problemlösung. Teilen Sie das Foto in der FB-Community „Let's Avishkaar“.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Erkunden mein Set

Willkommen bei Aviskaar

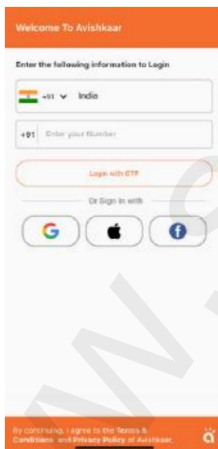
Laden Sie die Aviskaar-App herunter

Laden Sie die Avishkaar-App herunter , indem Sie die folgenden QR-Codes scannen:



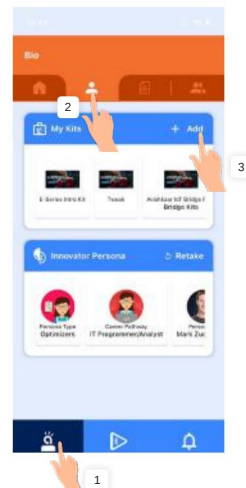
1 Ein Konto erstellen

Öffnen Sie die App und folgen Sie den Anweisungen auf dem Bildschirm, um ein Konto zu erstellen.



2 Registrieren Sie Ihr Kit

Gehen Sie in der App zum Abschnitt „Profil“ und klicken Sie unter „Meine Sets“ auf „+ Weitere hinzufügen“, um Ihr Set zu registrieren. Dieser Schritt ist **wichtig** für die **spätere** Steuerung des Roboters.



Product Registration
Sticker

Rüstungsprüfung

Kasten 1 (Bauteile)

Strahl



9H
Strahl
x2



7 Stunden
Strahl
x2



5 Stunden
Strahl
x4



3 Stunden
Strahl
x2

„Hinweis: "H"
bedeutet Löcher.
Z.B. 15H Strahl
bedeutet einen Balken
mit 15 Löchern.



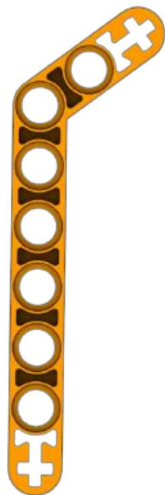
2Cx1H
Düninstrahl
x4



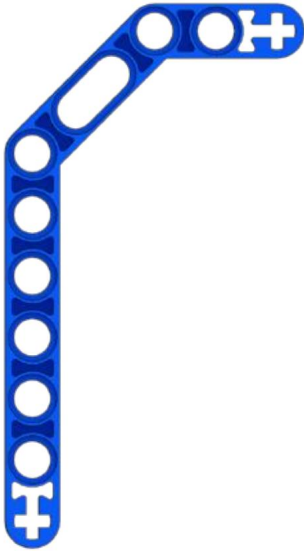
1Cx1H
Strahl
x2



3Cx2H
Thin-D
x2



2C x7H
Einfache Biegung
x2



2Cx10H

Doppelbiegebalken x 4

FÜLLSTOFFE



Achsfüller - Groß
x 4



Achsfüller - Klein x6

Paddeln



Schaufel
x 3

Überweisen



Kettenrad-24T x 2



20T

Doppelkegelrad x 2

Rad



Kleines Fahrrad
x4

PINS



Lange Stecknadel, blau , 2
Stück



Mittelgroße Anstecknadel, schwarz,
15 Stück



Mittelachsenstift - blau x
6

ANSCHLÜSSE



3Hx4-Pin-Anschluss x 2



Dreiachs-
Anschluss
x 1

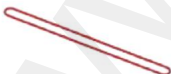


Dreipoliger
Achsstecker x 2



1C x 1H
Rechtwinkliger
Stecker x 1

Gummiband



Gummiband
x 3

Öffnung

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

Strahl



B3

HINWEIS: Die Achsen sind 1 :1 mit dem Druck

Schlitze () im Handbuch

KH-Achse

Abhilfe



B0



B1

(1)



B1

(2)



Banden

(1)



Banden

(2)



Banden

(1)

1:1



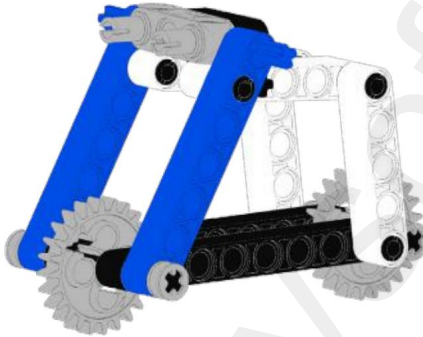
Banden

(4)

Alles

Projekt 1: MEX Mountainbike (MTB)

Lasst uns bauen!



Dinge, die wir brauchen



9H
Strahl x 2



5 Stunden
Strahl x 4



3 Stunden
Strahl x 1



4 Stunden
Abhilfe x 2



6 Stunden
Abhilfe x 1



Mittlerer
Stift, schwarz,
4 Stück



Mittelachsenstift
- blau x 2



3Hx4Pin
Anschluss
x 1



Frontal
Zahnrad
24T
x 2



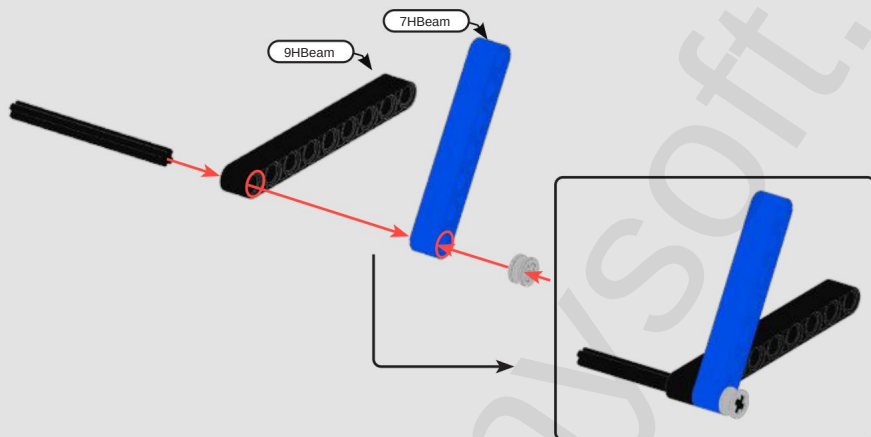
Achsfüller -
klein
x 5

Schritte

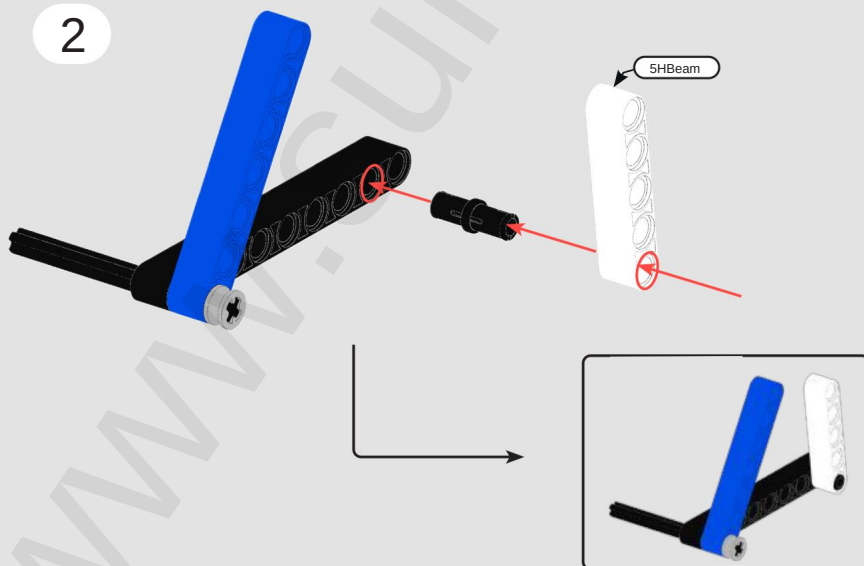
1:1

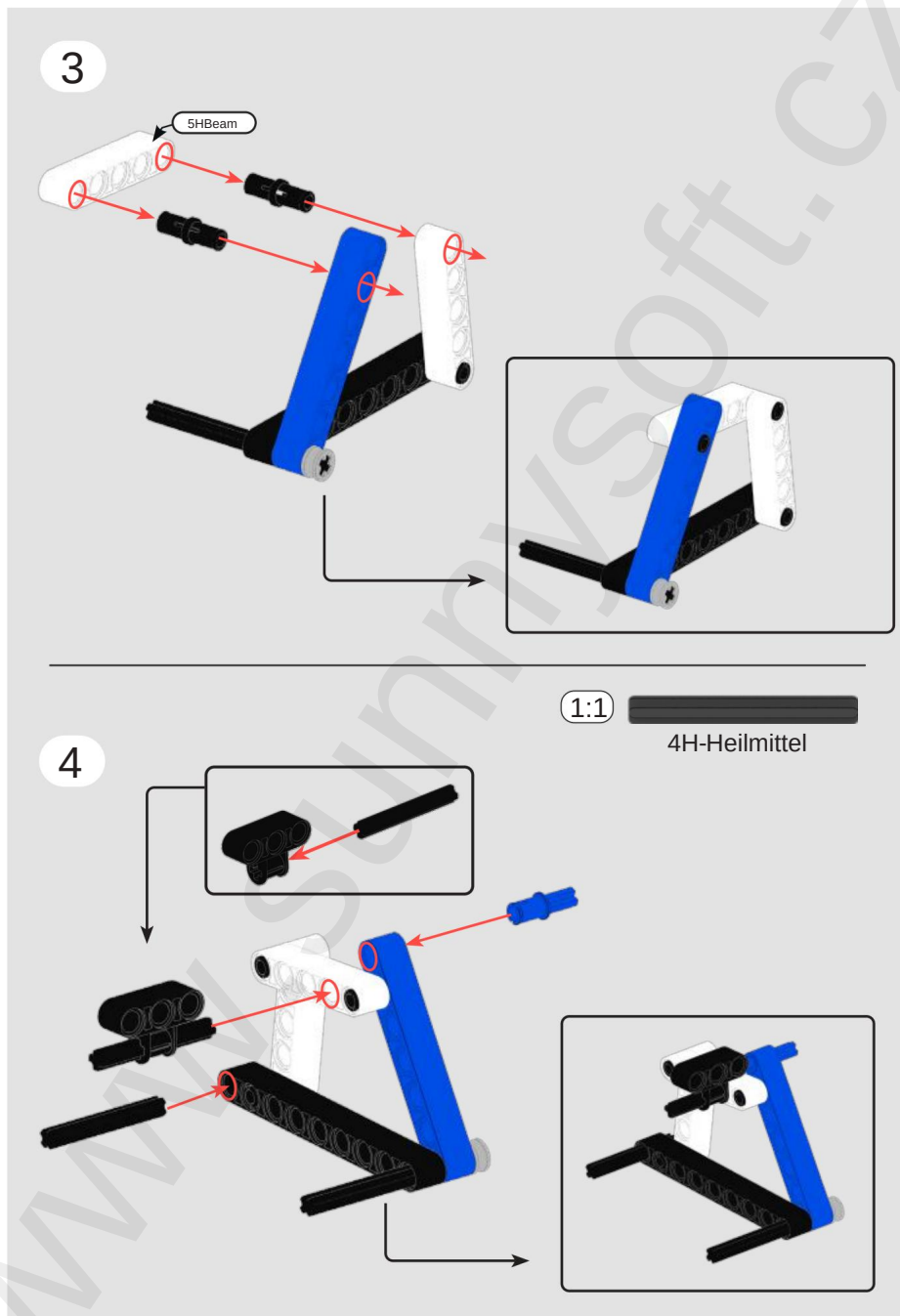
6H-Heilmittel

1

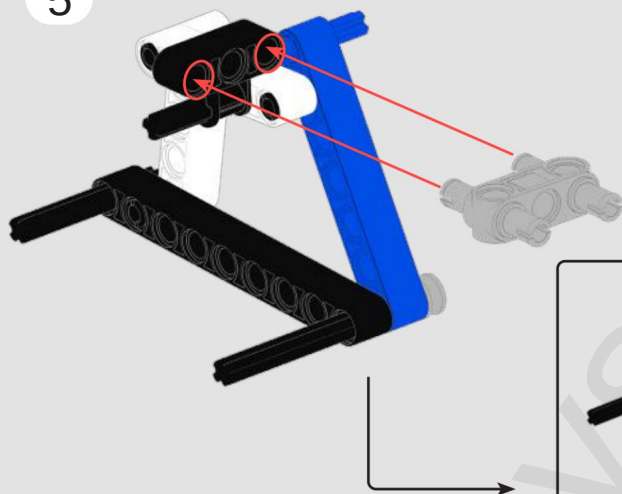


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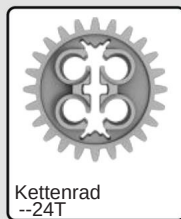
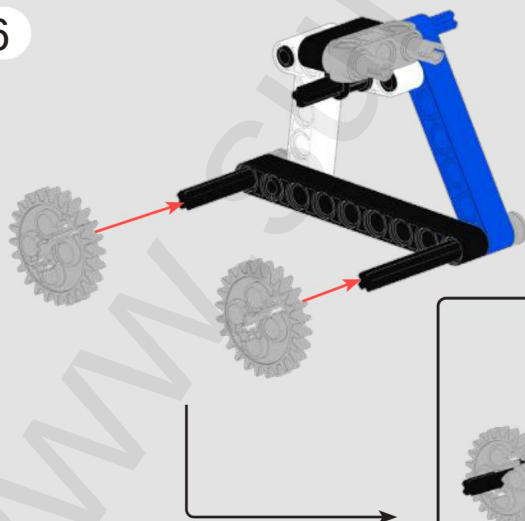


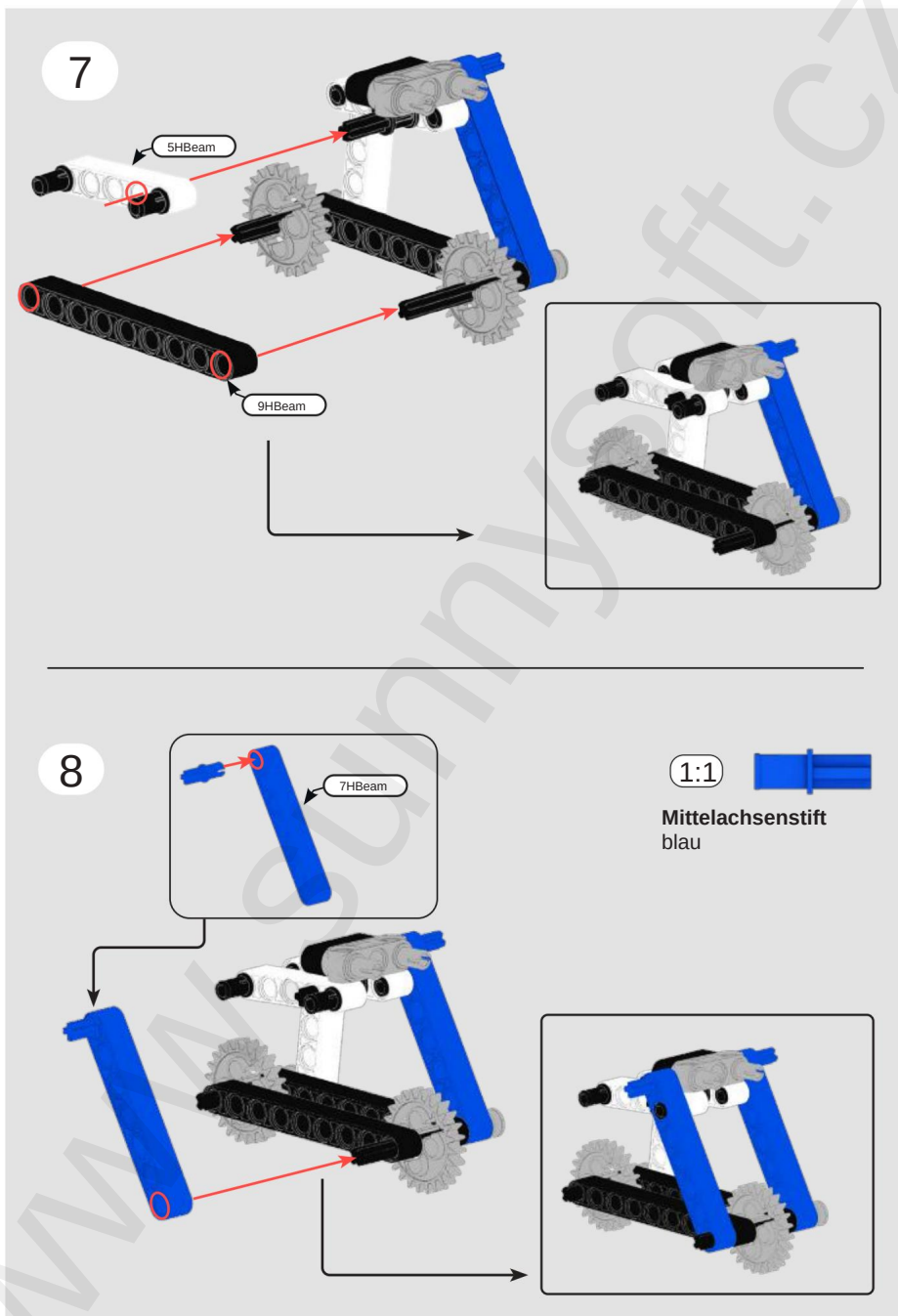


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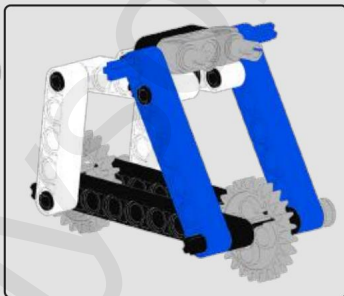
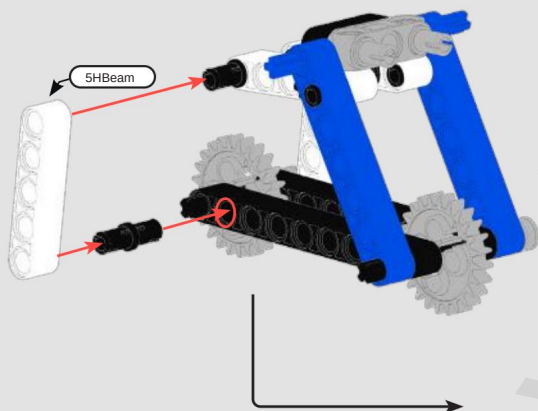


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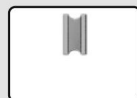
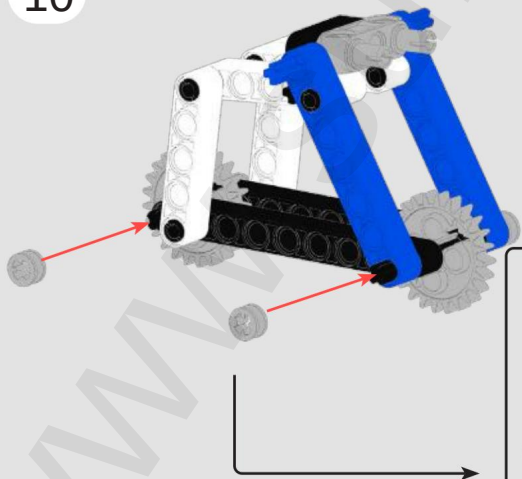




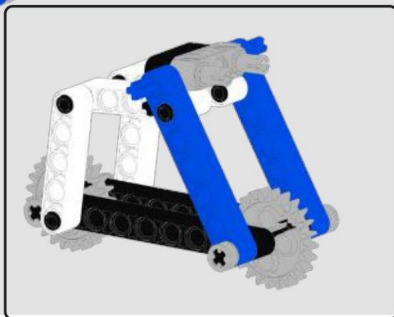
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10



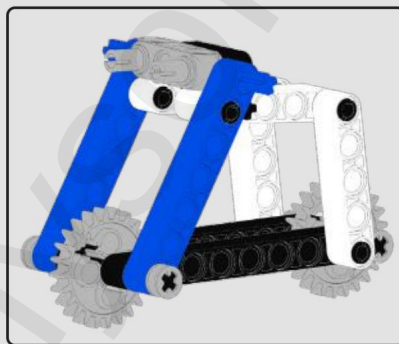
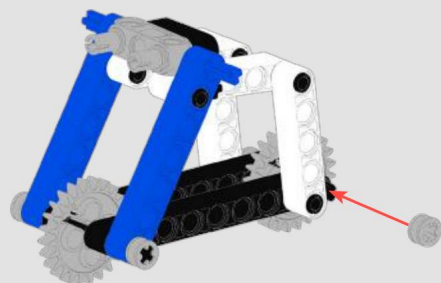
Achsfüller - klein



11



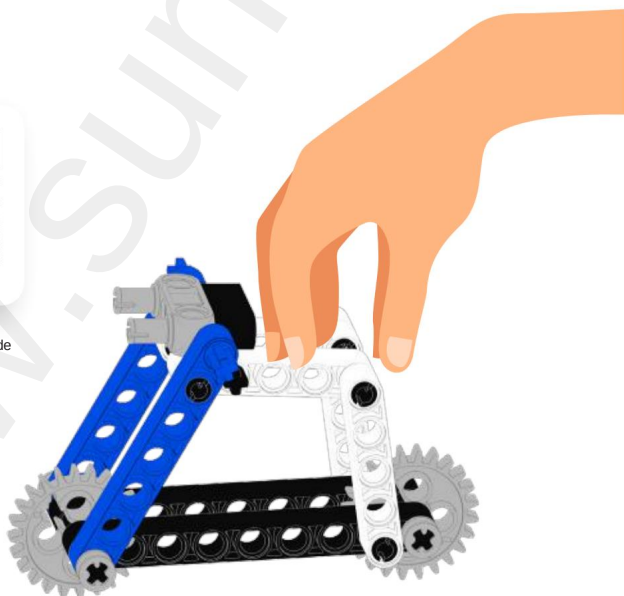
Achsfüller - klein



Spielanleitung



Scannen Sie den QR-Code
und laden Sie Ihr
Projekt hoch!



Projekt 2: MEX Retro-Auto

Lasst uns bauen!



Dinge, die wir brauchen



9H
Strahl
x2



7 Stunden
Strahl
x2



5 Stunden
Strahl
x4



3 Stunden
Strahl
x2



2C x 10H
Doppelte Biegung
Strahl
x 2



1Cx1H
Strahl
x2



Stift mittel
Achsen-blau
x2



Mittlerer Stift schwarz
x13



Lang
Pin-blau
x2



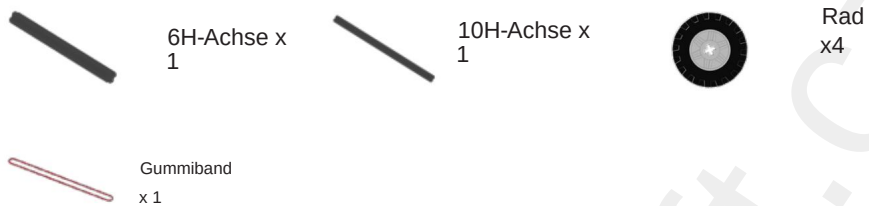
3Hx4Pin
Anschluss
x2



1Cx1H
Senkrecht
Anschluss
x 1

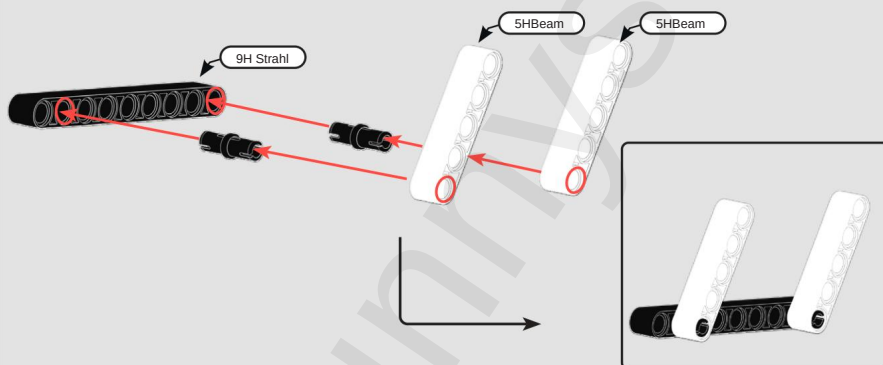


Dreipolig
Achsanschlussstift
x 1

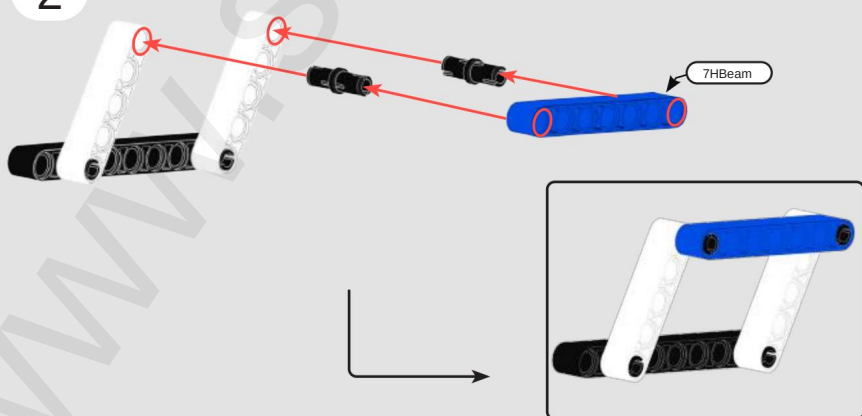


Schritte

1



2

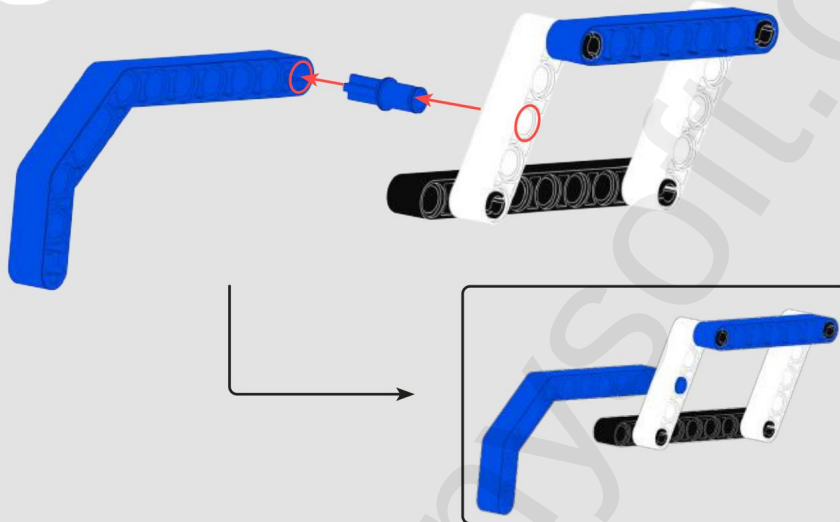


3

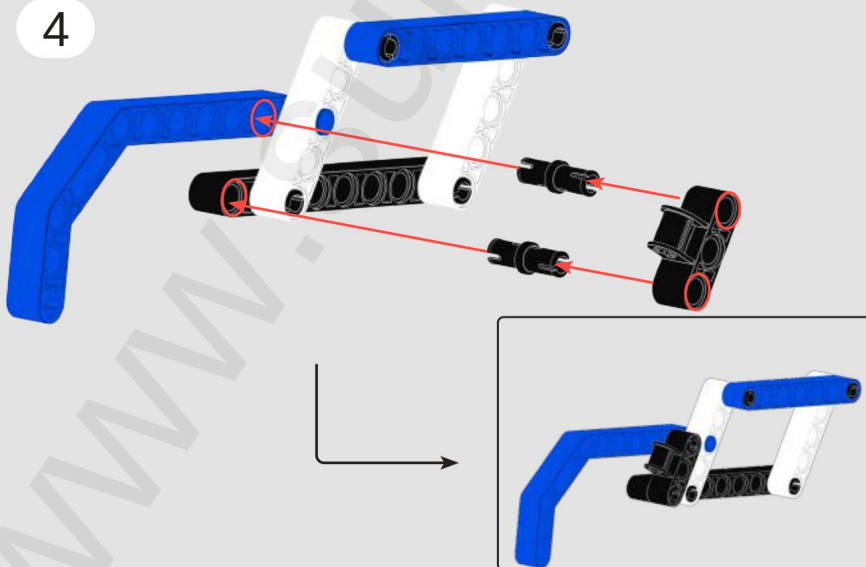
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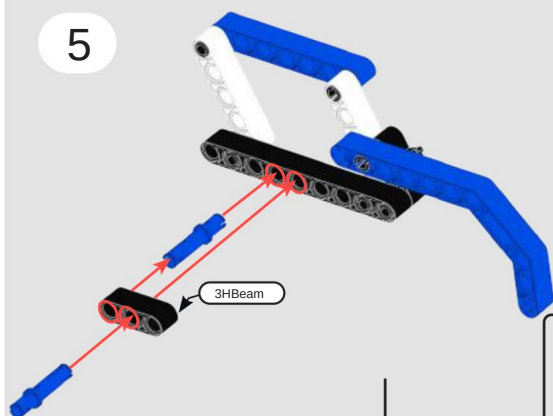
Mittelachsenstift blau



4



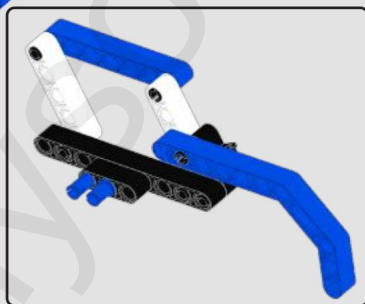
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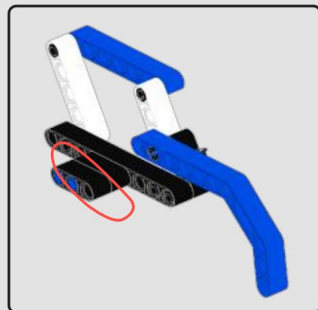
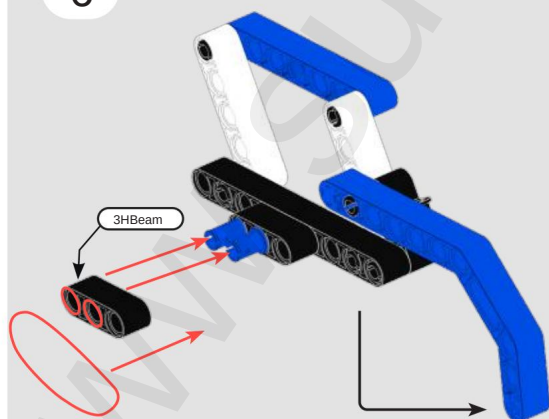
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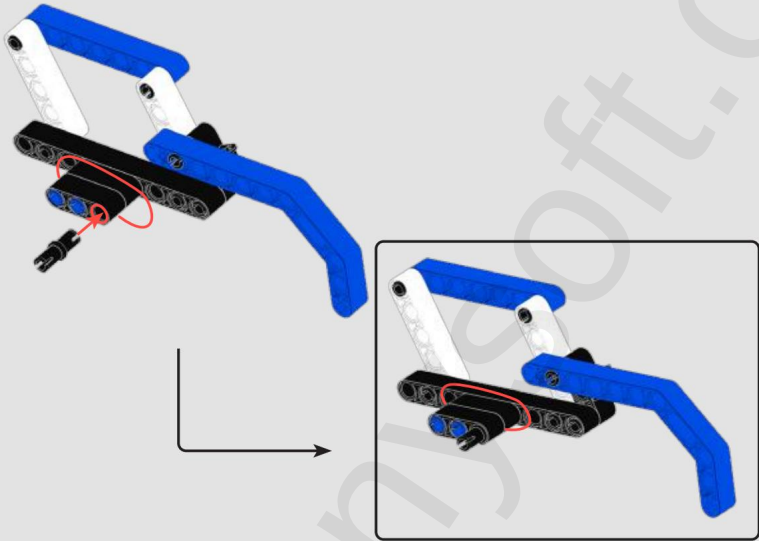
Lange Anstecknadel blau



6

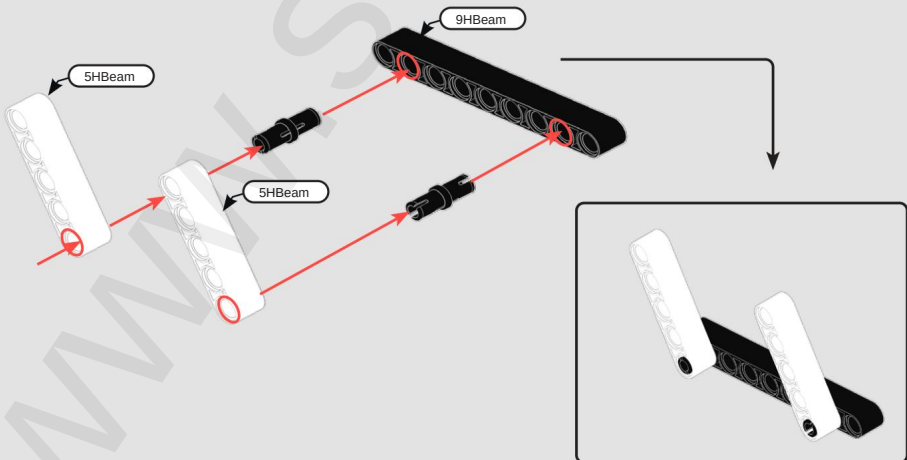


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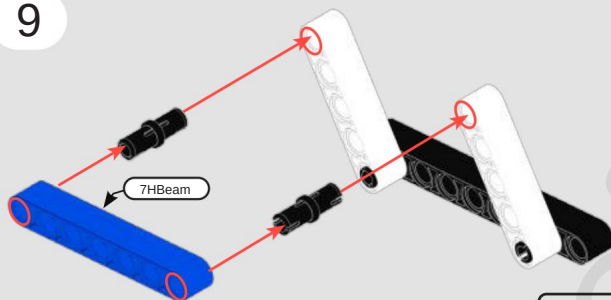


Machen wir die andere Seite.

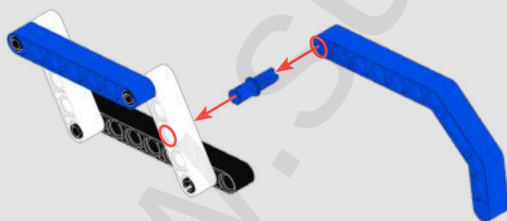
8



9



10



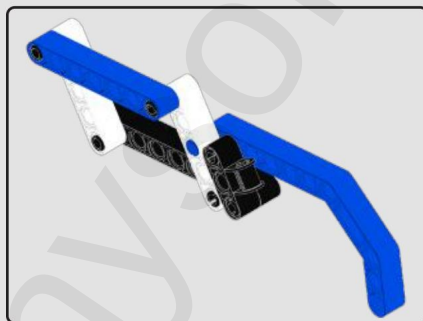
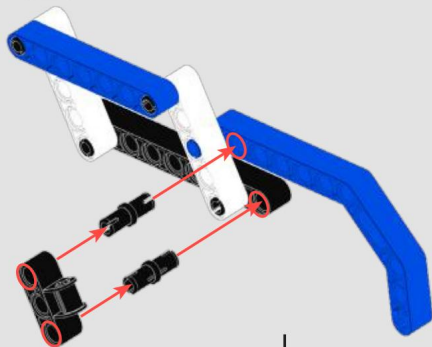
1:1



Mittelachsenstift
blau



11

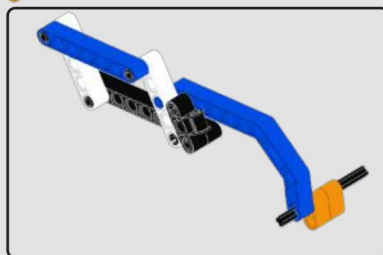
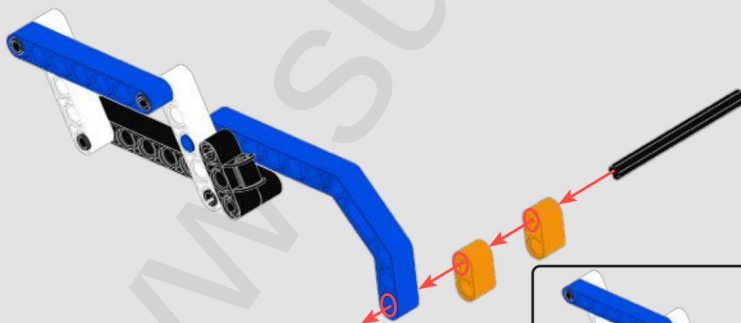


1:1



6H-Heilmittel

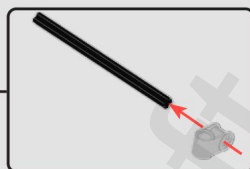
12



13

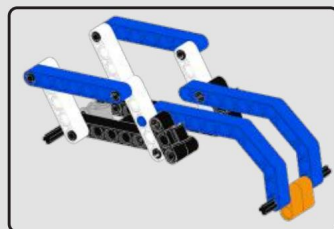
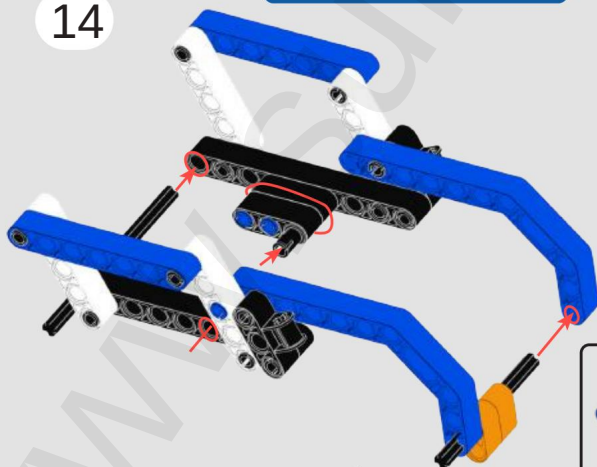
1:1

8H-Heilmittel

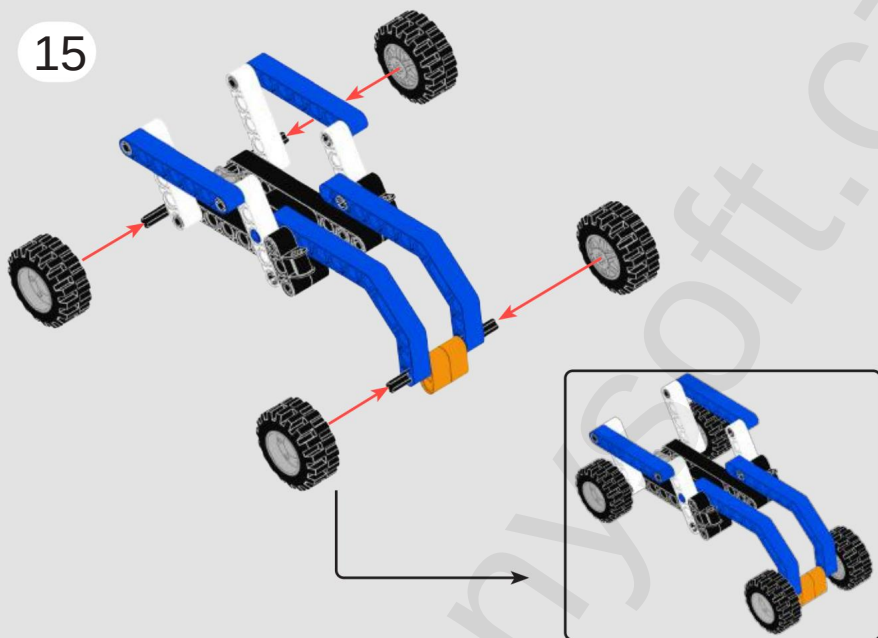


14

Wir falten beide Seiten.



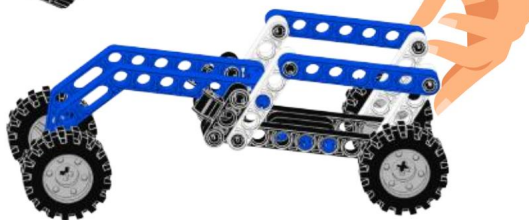
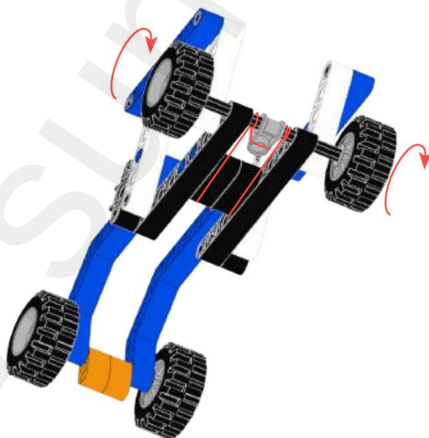
15



Spielanleitung



Scannen Sie den QR-Code
und laden Sie Ihr
Projekt hoch!



Projekt 3: MEX Buggy

Lasst uns bauen!



Dinge, die wir brauchen



7H Strahl
x2



5 Stunden
Strahl
x2



2C x 10H
Doppelt
Biegen
Strahl
x2



2Cx7H
Einfach
Biegen
Strahl x 2



3Cx2H
Thin-D
x2



1Cx1H
Strahl
x2



Mittelachsenstift - blau
x4



Mittlerer Stift -
schwarz x 4



8 Stunden
Abhilfe
x 1



8H-Heilmittel
x 1



10H-Heilmittel
x 1



Füllung
Achsen -
groß
x4



Füllung
Achsen -
klein x 2



Dreipolig
senkrecht

Achsverbinder
x 1

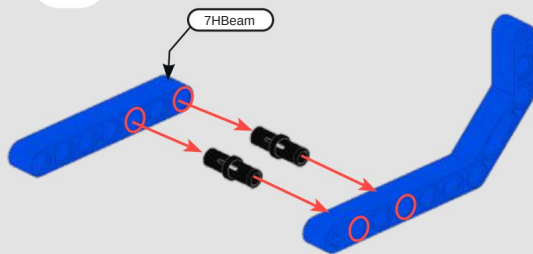


Rad
x4



Gummiband
x 1

1

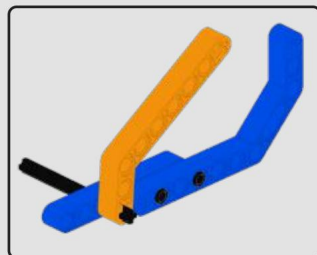
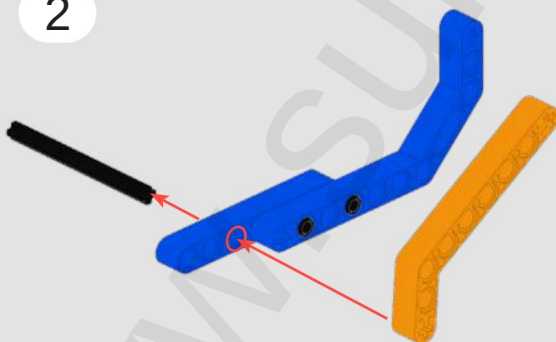


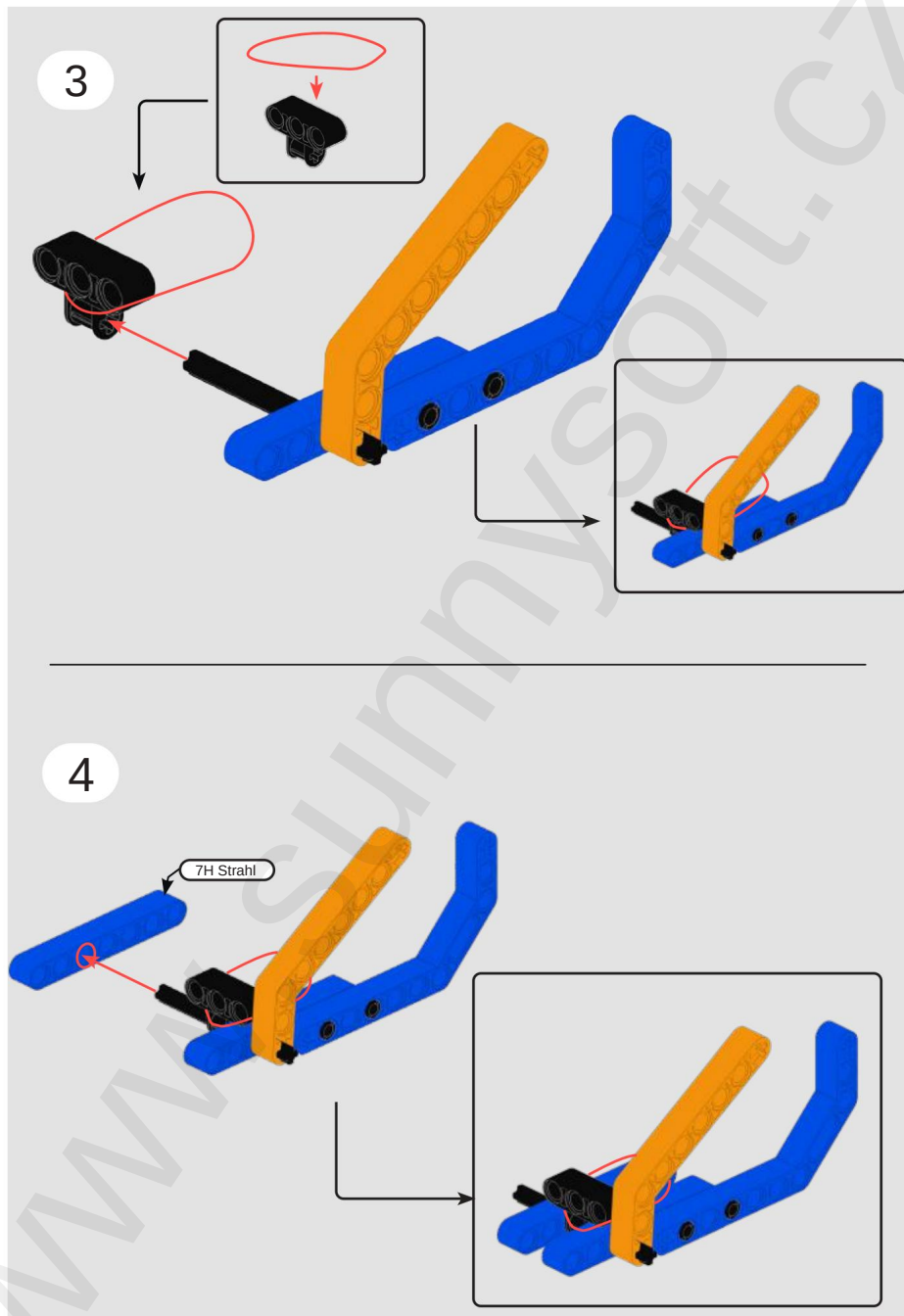
2

1:1



6H-Heilmittel

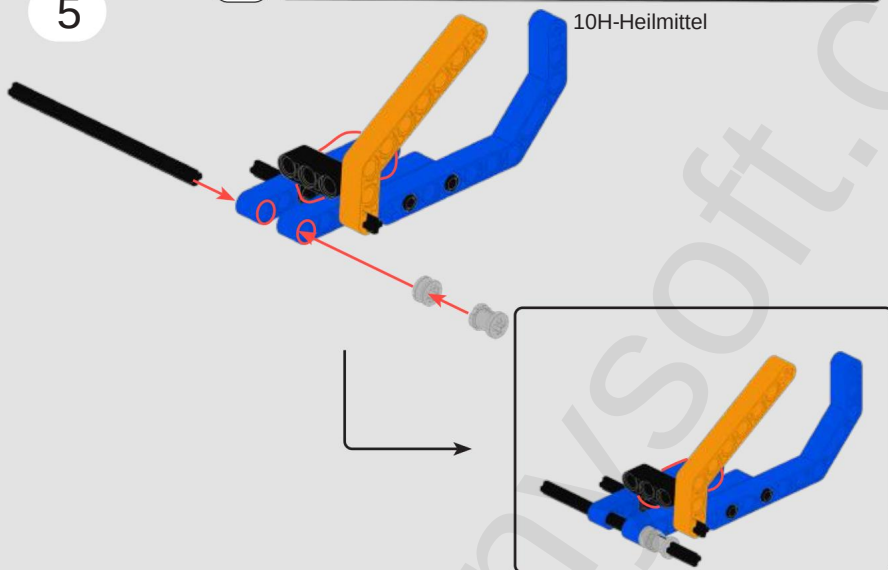




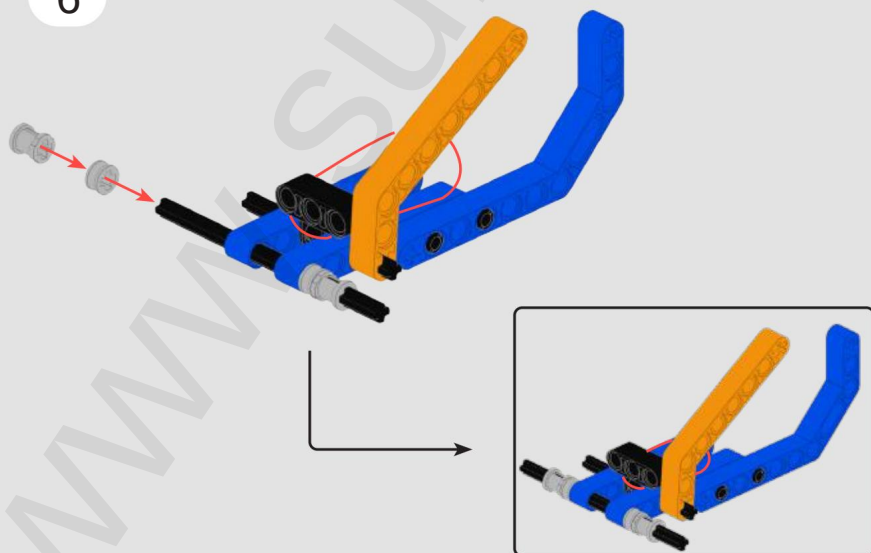
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1:1

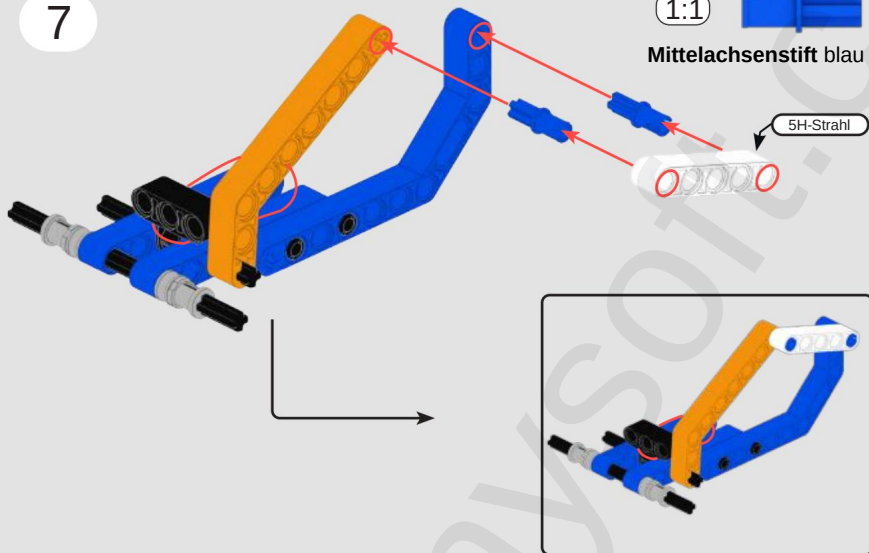
10H-Heilmittel



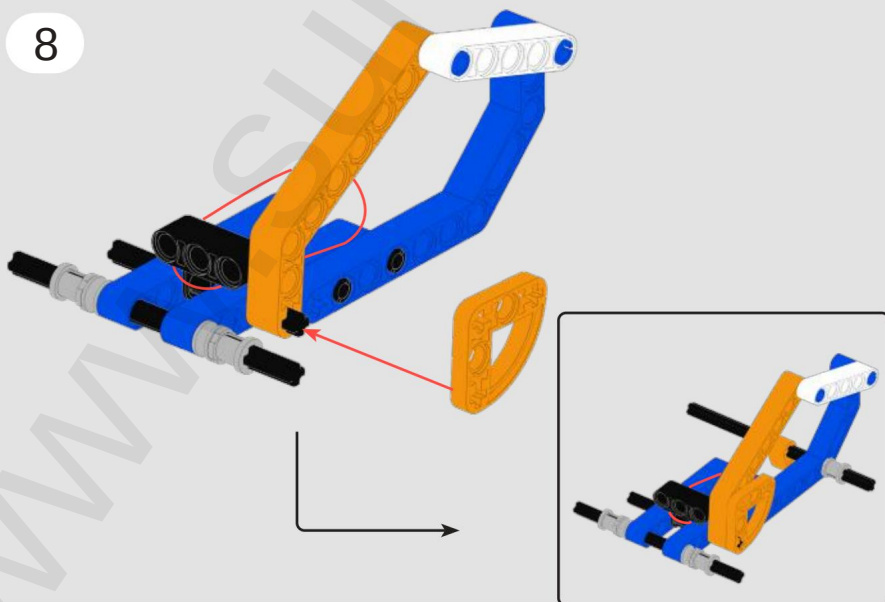
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7



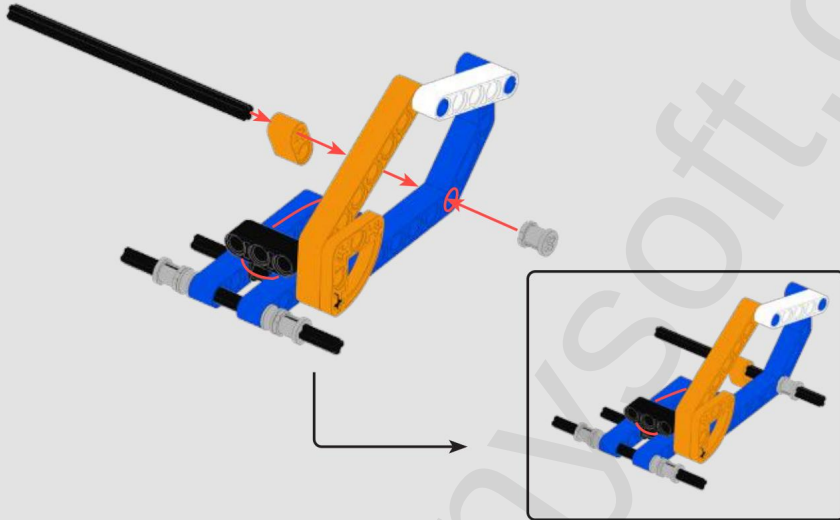
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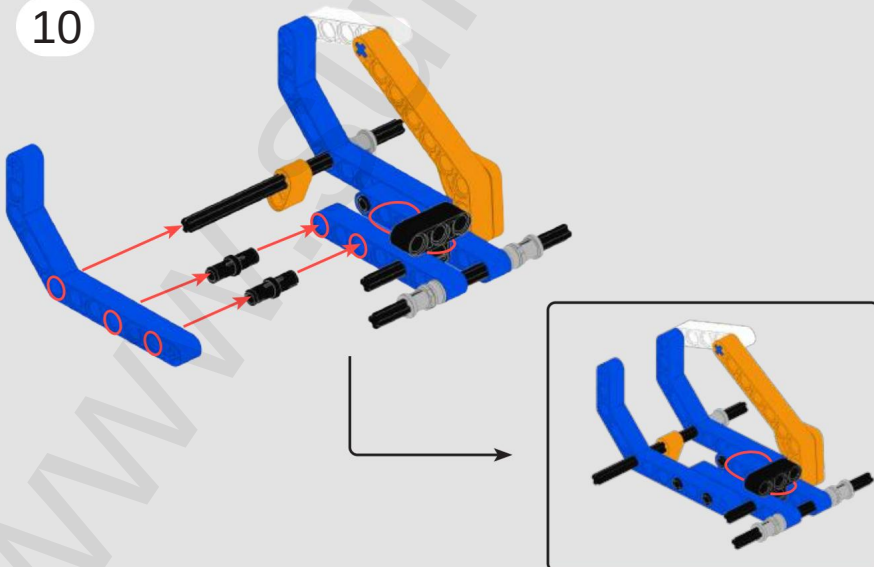
9

1:1

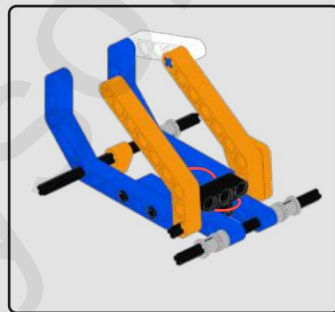
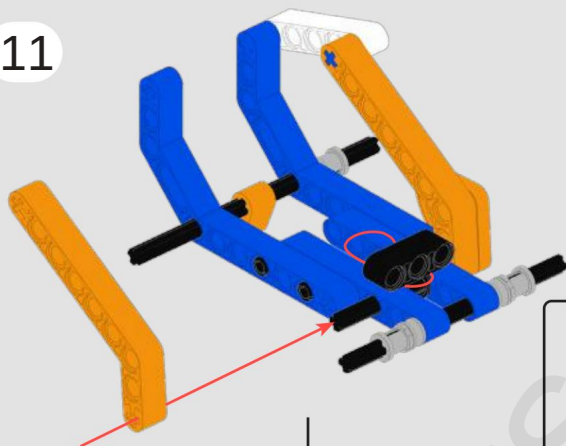
8H-Heilmittel



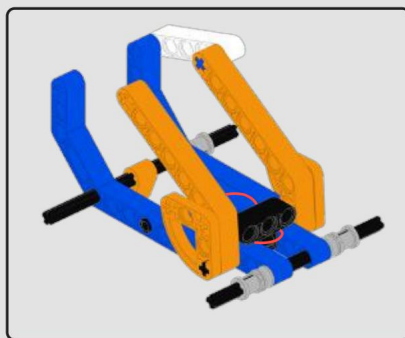
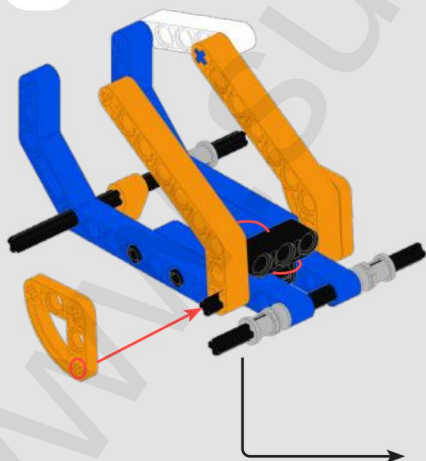
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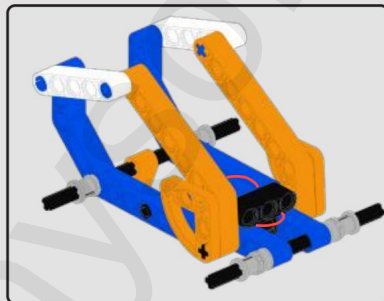
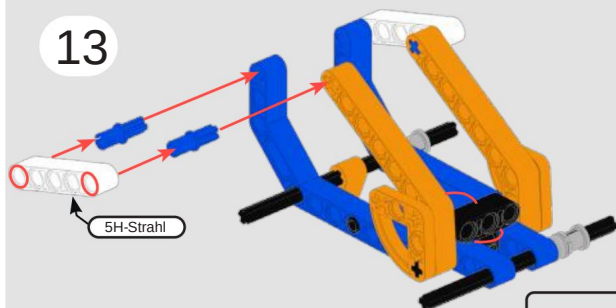
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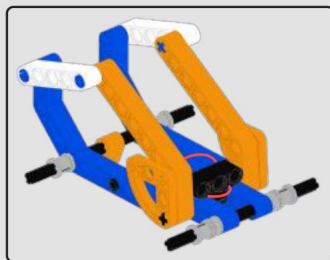
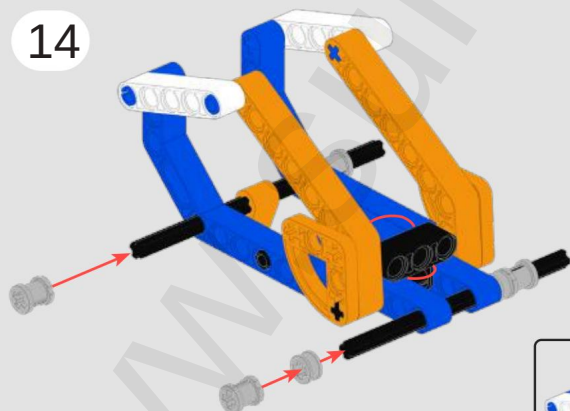
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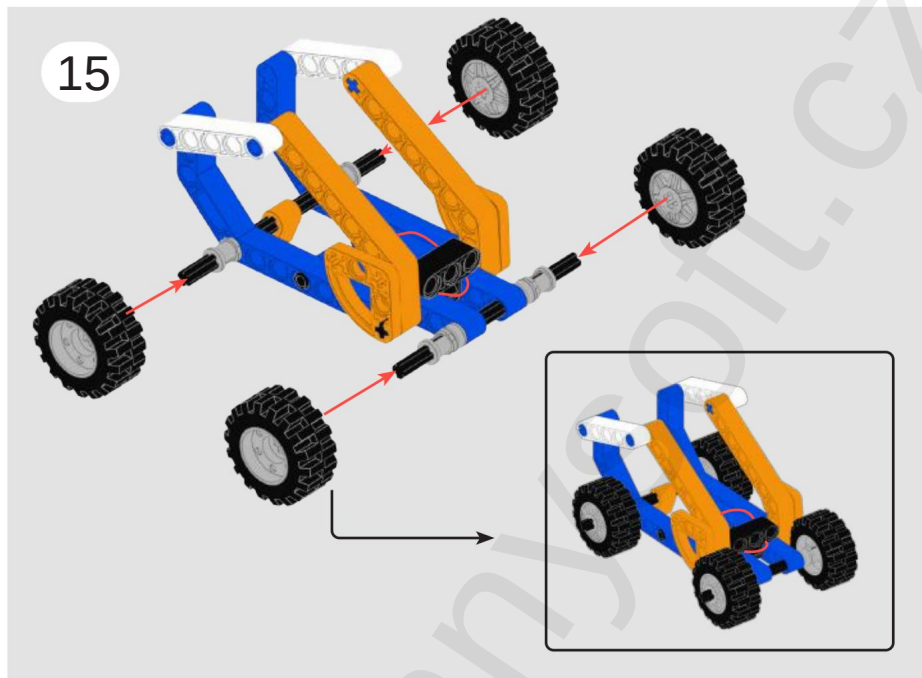


13



14

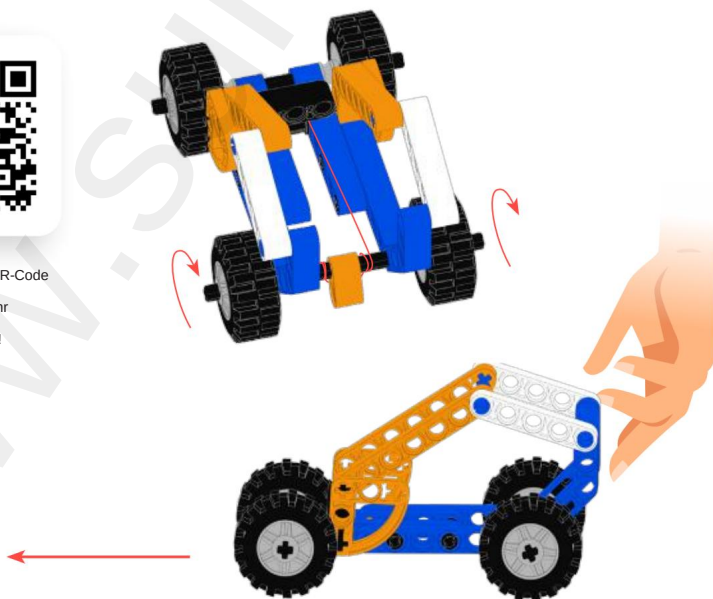




Spielanleitung



Scannen Sie den QR-Code
und laden Sie Ihr
Projekt hoch!



Projekt 4: Windmühle MAX

Lasst uns bauen!



Dinge, die wir brauchen



9H Strahl
x2



5H-Strahl
x2



3 Stunden
Strahl
x2



2C x 10H
Doppelt
Biegen
Strahl
x4



2Cx1H
Dünner
Strahl
x2



1Cx1H
Strahl
x2



2 Stunden
Abhilfe
x4



8 Stunden
Abhilfe
x 1



10 Stunden
Abhilfe
x 1



Paddeln
x3



Verdreifachen
Anschluss
Achsen
x1



Füllung
Achsen -
klein
x5



Medium
PinBlack
x 14



20T Doppel
konisch
Getriebe
x 1



Füllung
Achsen-groß
x4



Dreipoliger
Achsstecker
x 1

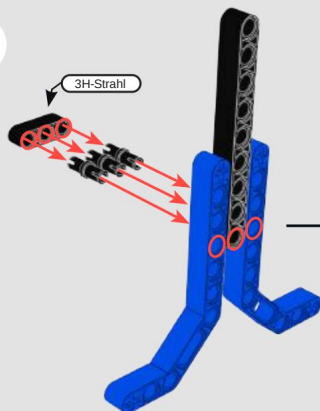


1Cx1H
Senkrechter Verbinder
x 1

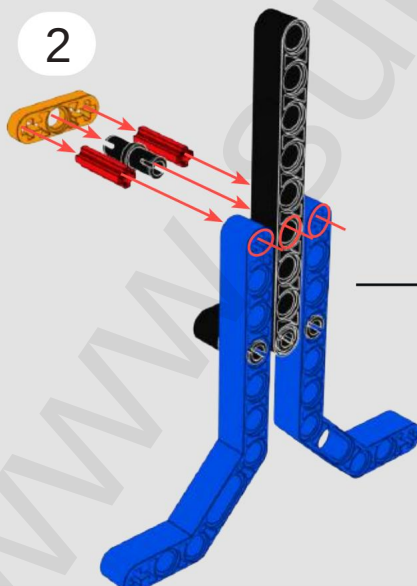


Gummiband
x 1

1



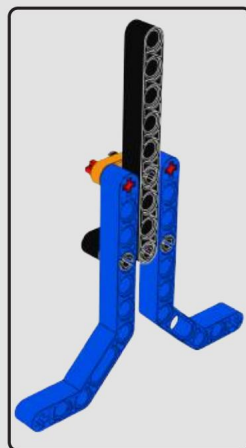
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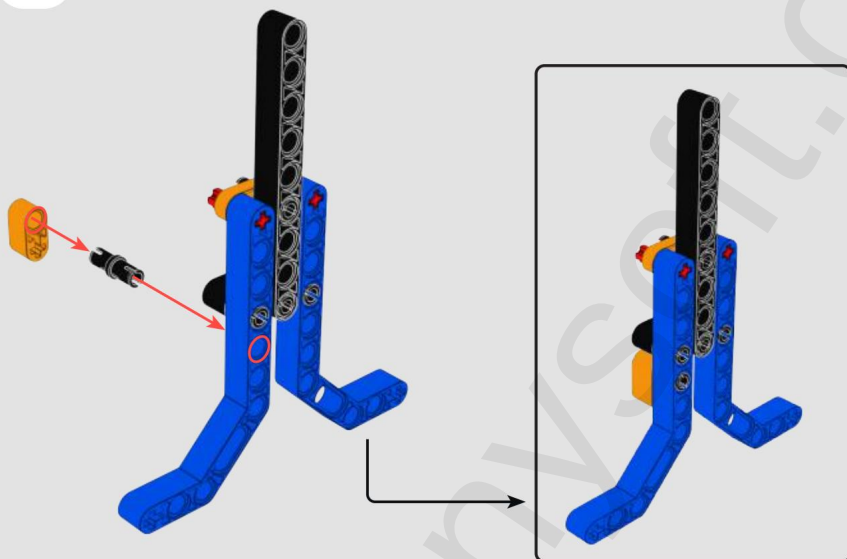
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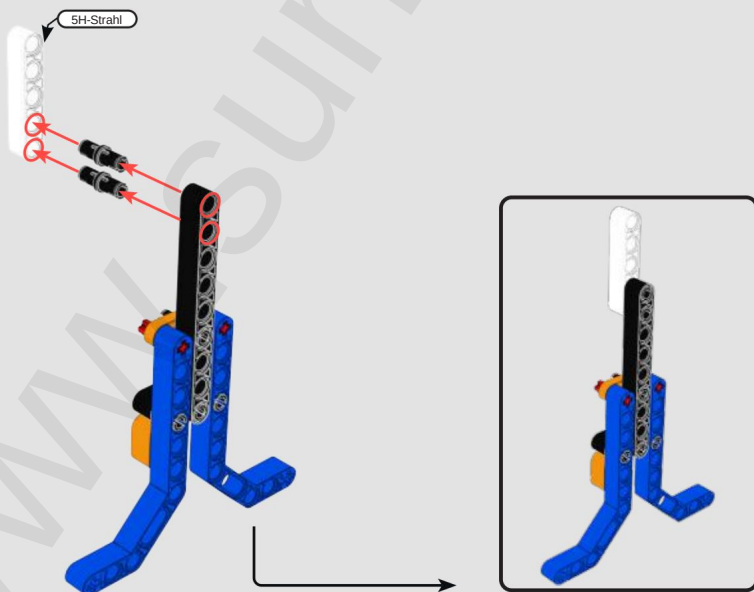
2H-Heilmittel



3

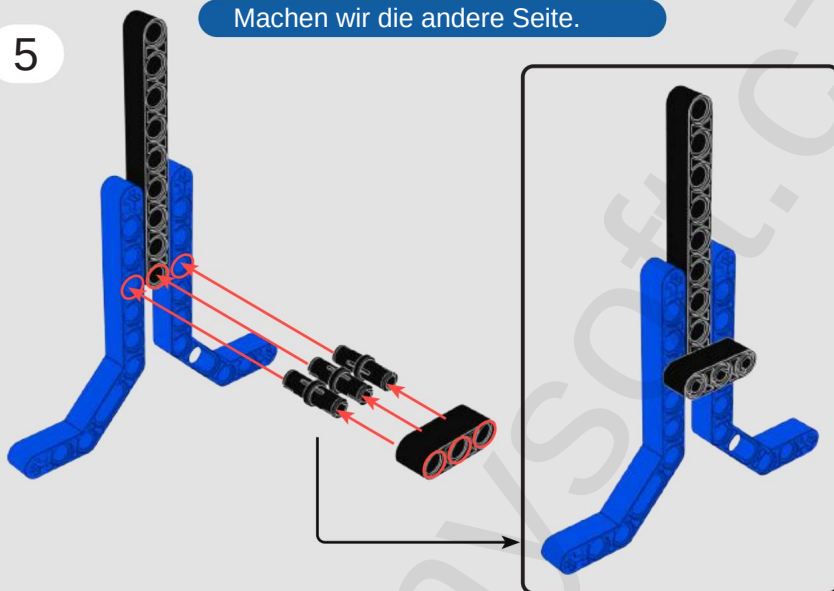


4



5

Machen wir die andere Seite.

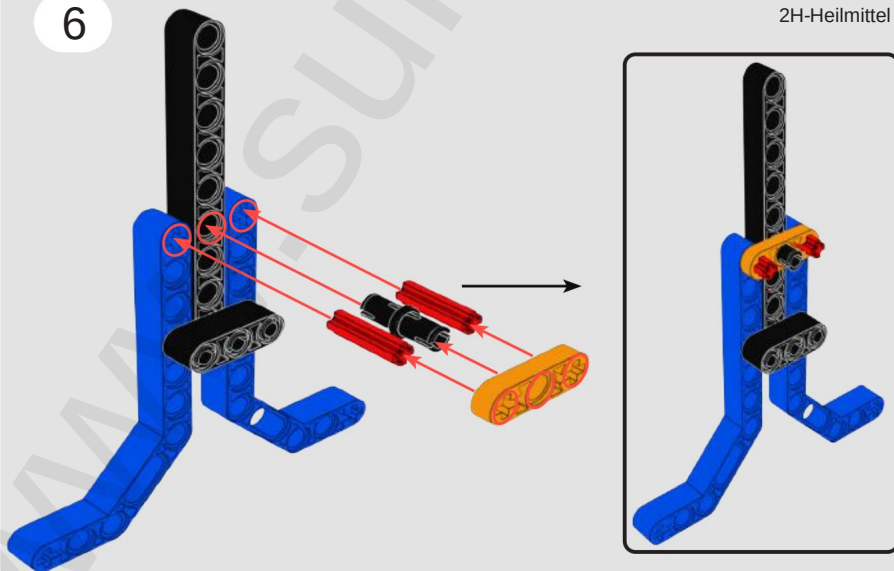


6

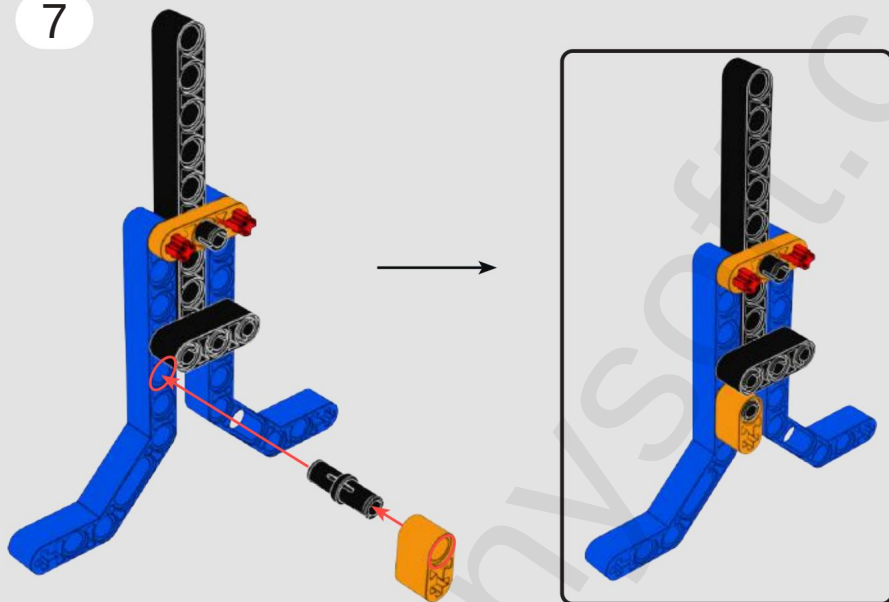
1:1



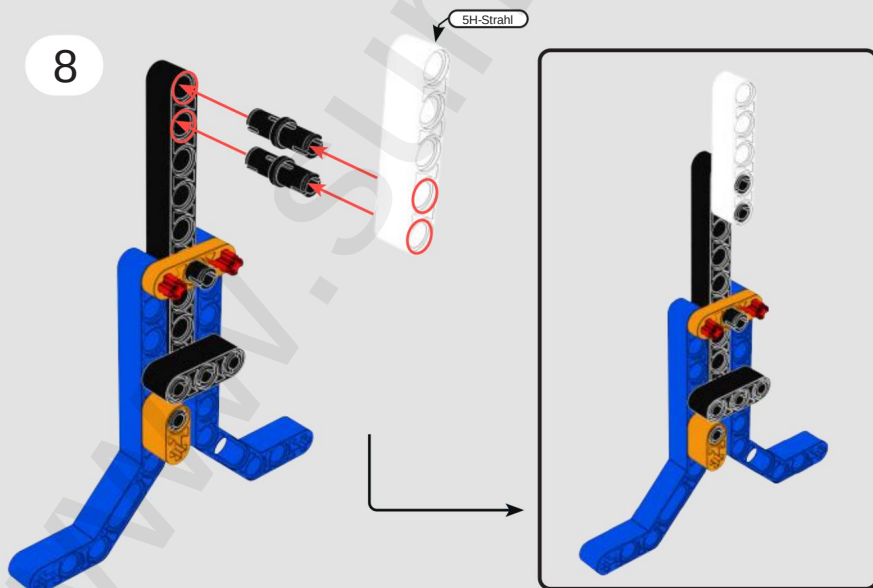
2H-Heilmittel



7



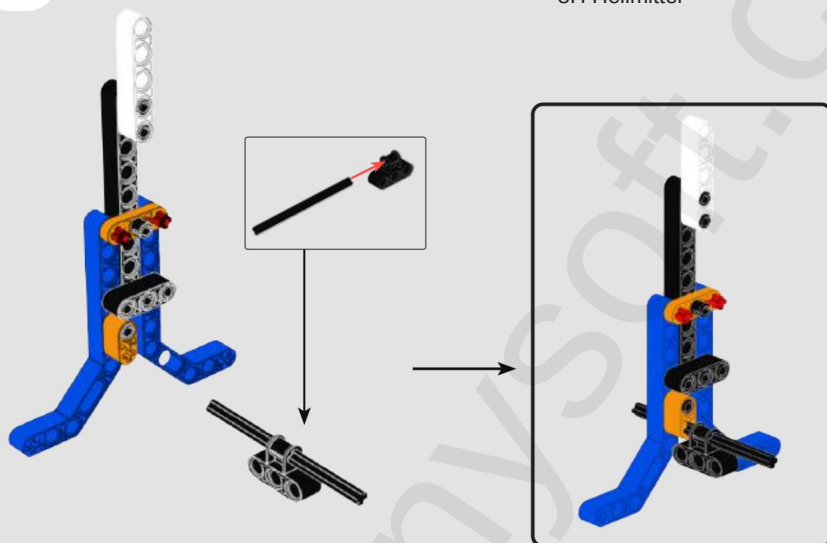
8



9

1:1

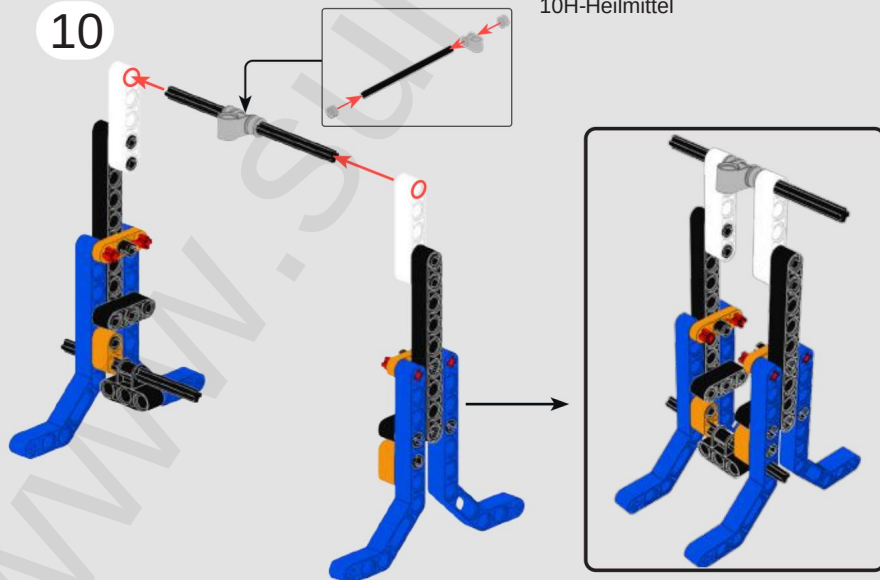
8H-Heilmittel



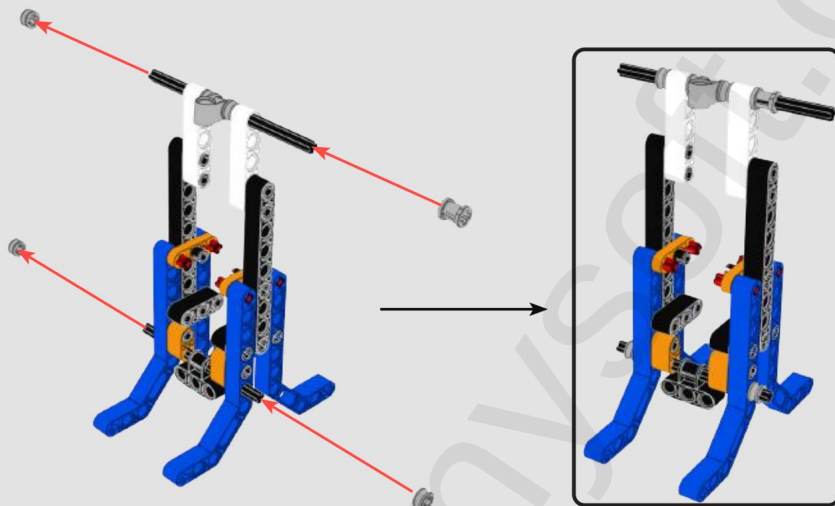
1:1

10H-Heilmittel

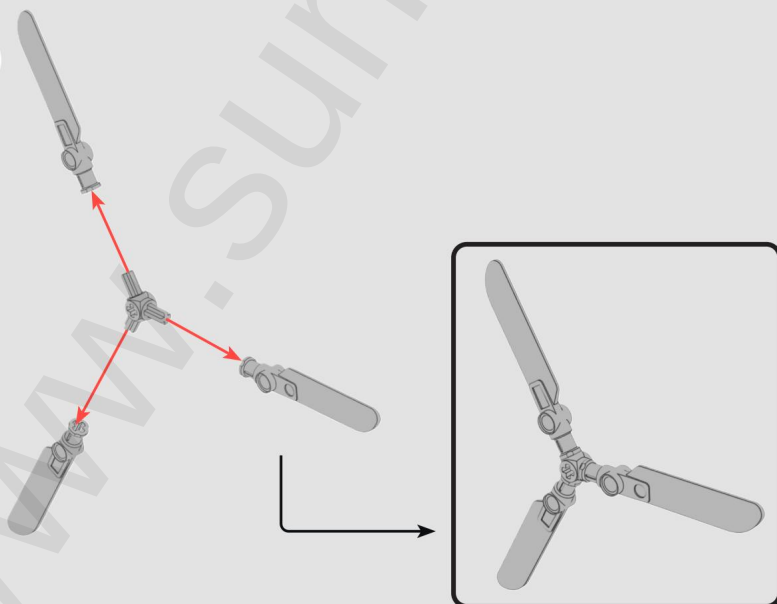
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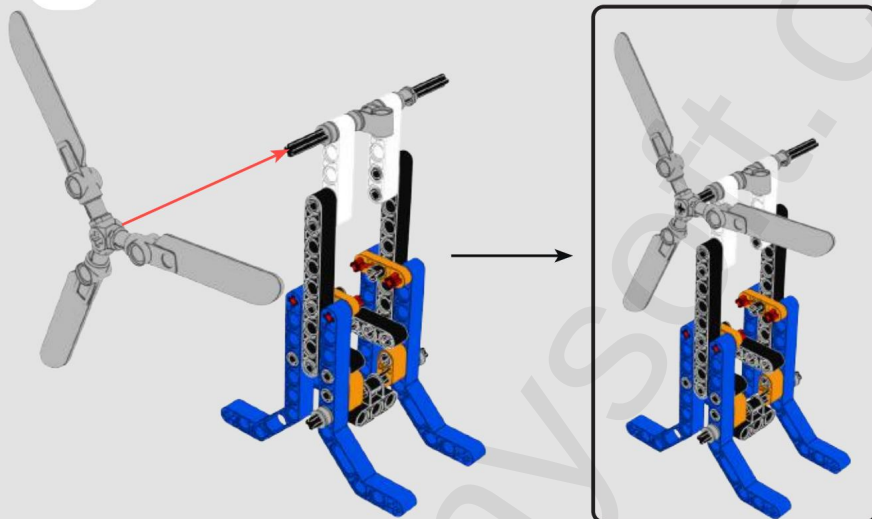
11



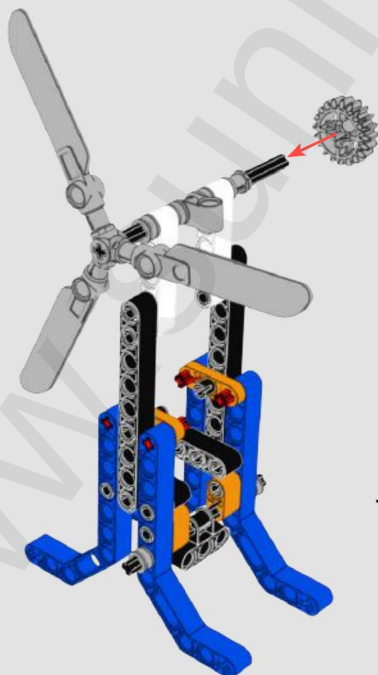
12



1213

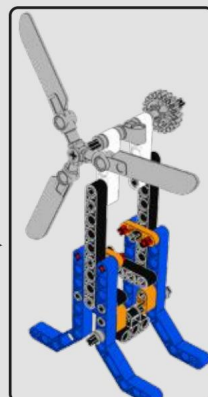


14

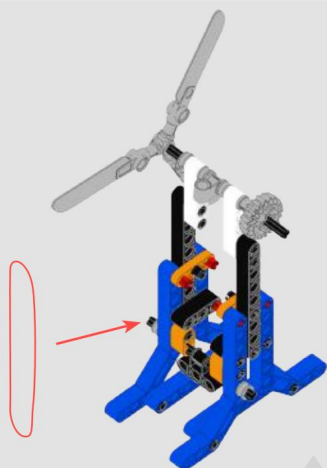


20T

Doppelkegelrad



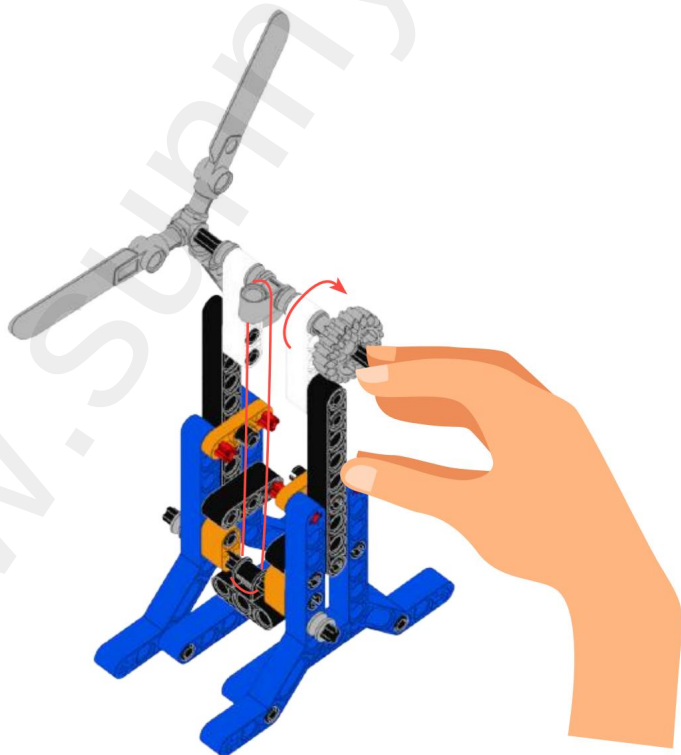
1416



Spielanleitung

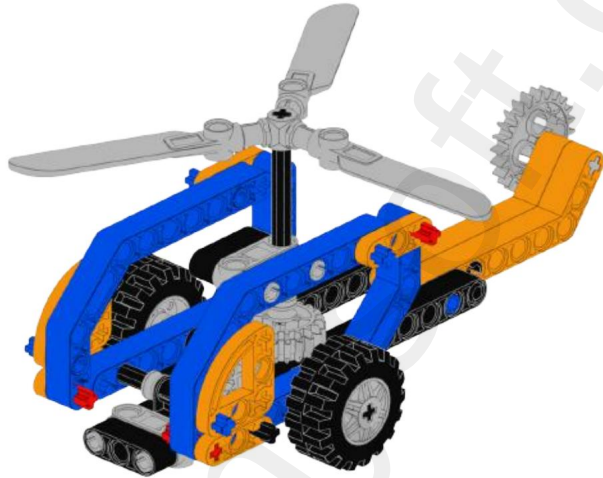


Scannen Sie den QR-Code
und laden Sie Ihr
Projekt hoch!



Projekt 5: MEX-Helikopter

Lasst
uns bauen!



Dinge, die wir brauchen



9H
Strahl
x2



3 Stunden
Strahl
x2



2C x 10H
Doppelbiegen
Strahl
x4



2Cx7H
Ein
Biegebalken
x 2



3Cx2H
Thin-D
x2



2Cx1H
Dünn
Strahl
x2



2H-Heilmittel
x4



8 Stunden
Abhilfe
x 1



3 Stunden
Abhilfe
x 1



10 Stunden
Abhilfe
x 1



Medium
Pin-schwarz
x5



Stift mittel
Achsen-
blau
x4



3Hx4Pin
Anschluss
x2



Achsfüller - klein
x5



Füllung
Achsen-
groß
x4



Paddeln
x3



Dreiachs-Anschluss
x1



Senkrechter
Stiftverbinder
auf der
Achse x 1



20T Doppel
konisch
Getriebe
x2



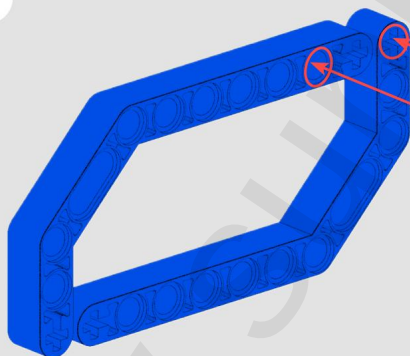
Frontal
Zahnrad
24T x 1



Rad
x4

Schritte

1



1:1

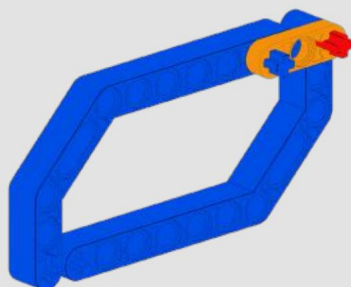


2H-Heilmittel

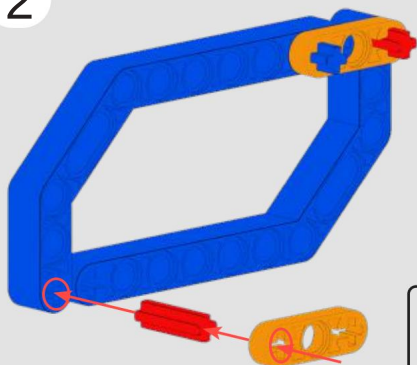
1:1



Mittelachsenstift **Blau**



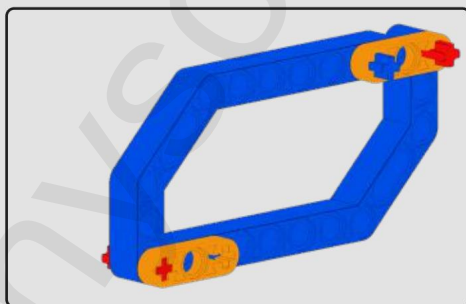
2



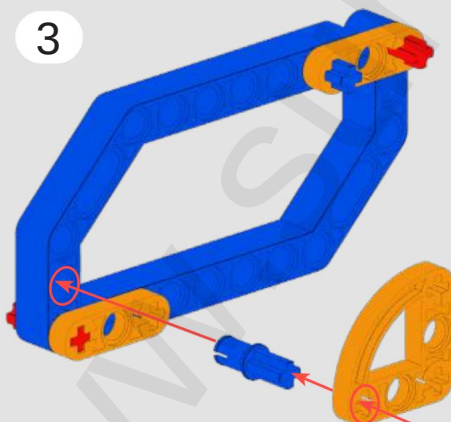
1:1



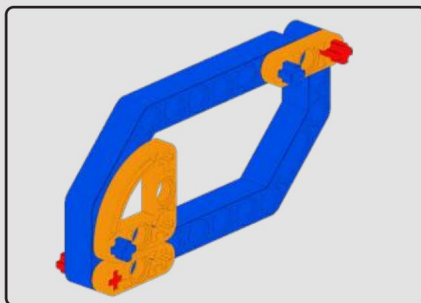
2H-Heilmittel



3



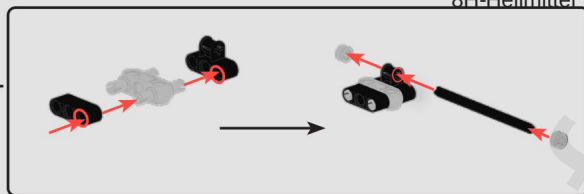
1:1

Mittelachsenstift **Blau**

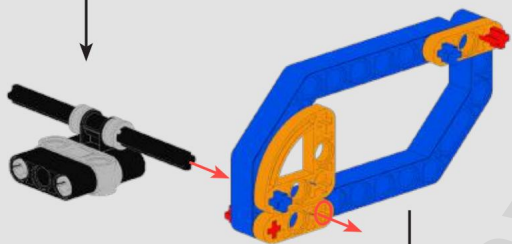
4

1:1

8H-Heilmittel

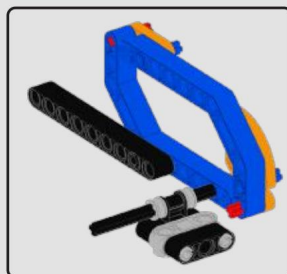
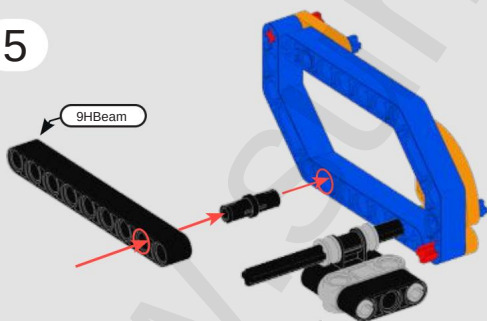


Achsfüller - klein



5

9HBeam



Montagetipp

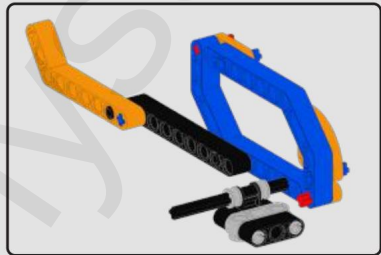
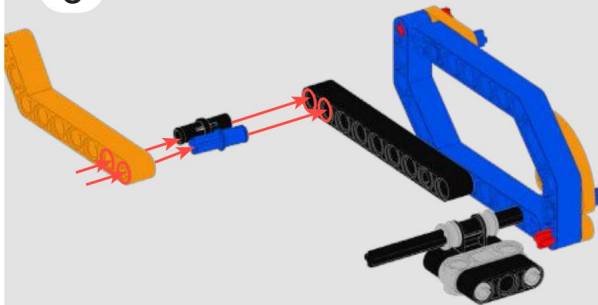


Das Einstecken der schwarzen Mittelstifte kann etwas schwierig sein!
Aber keine Sorge. Schieben Sie sie durch und achten Sie auf eine feste Verbindung.
Wenden Sie etwas Kraft an :-).

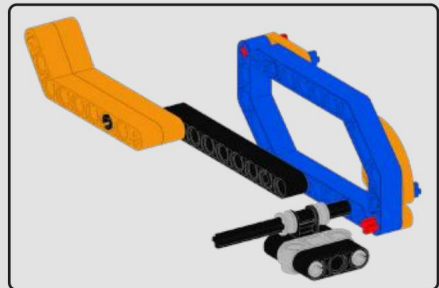


6

1:1

Mittellachsenstift **Blau**

7



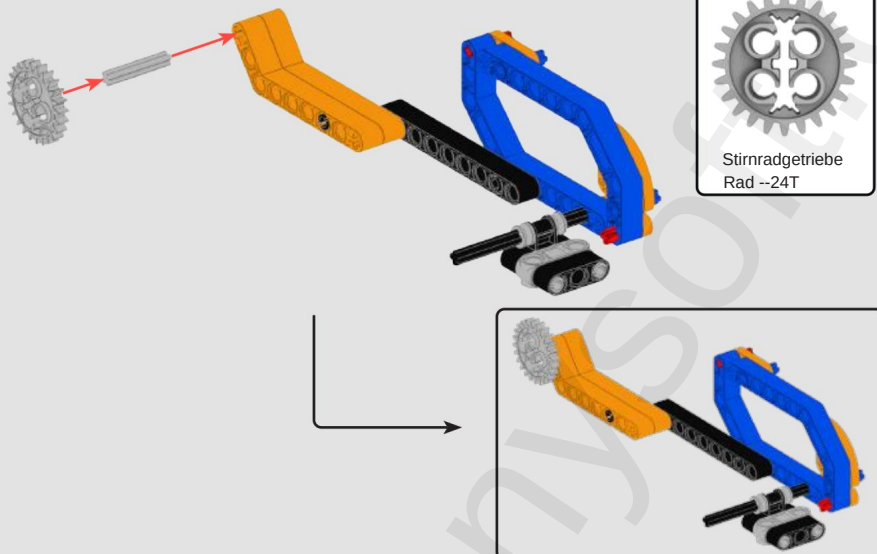
8

1:1

3H-Heilmittel



Stirnradgetriebe
Rad --24T



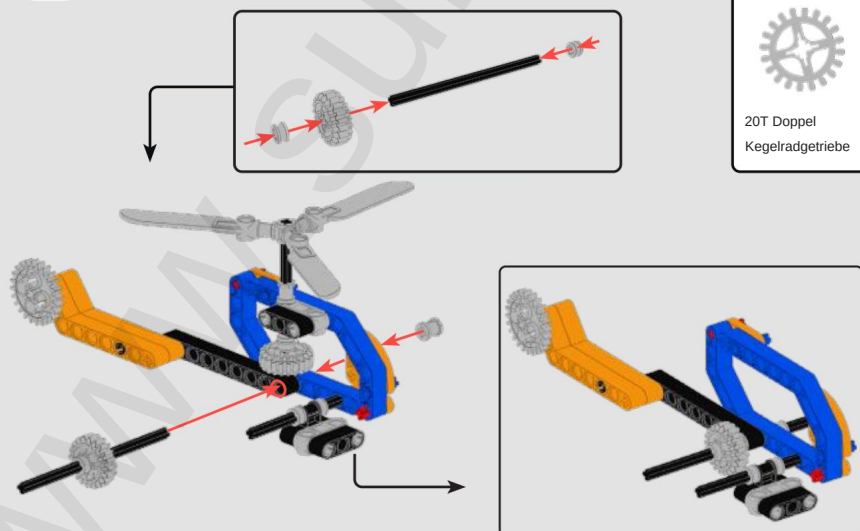
9

1:1

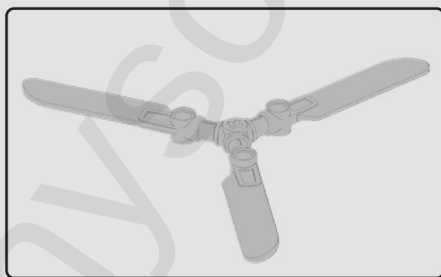
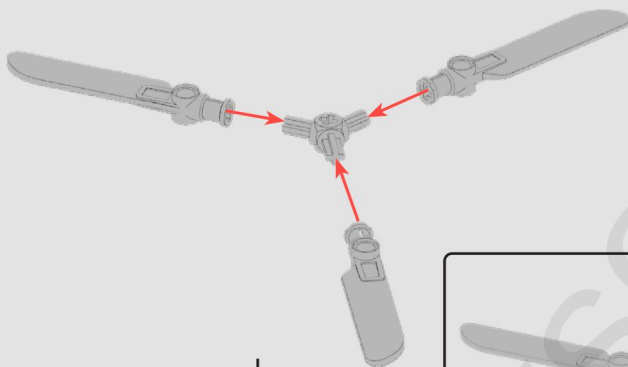
10H-Heilmittel



20T Doppel
Kegelradgetriebe

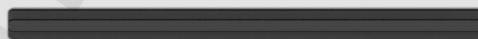


10

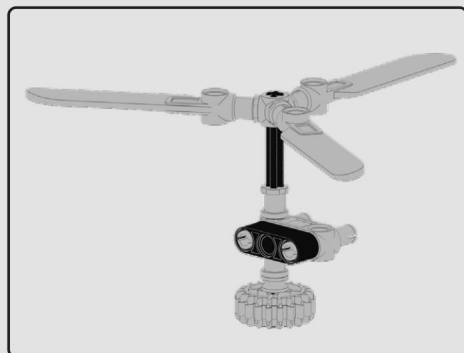
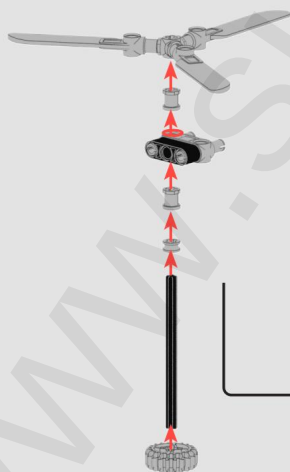


11

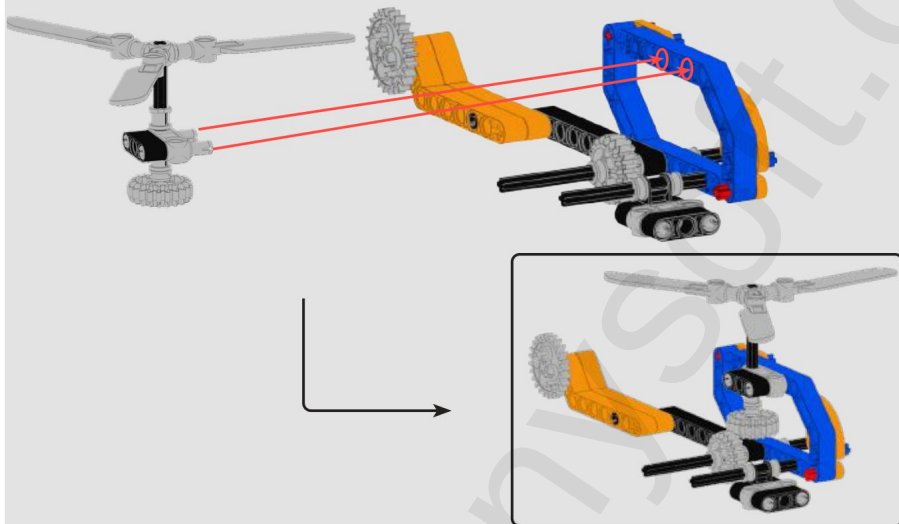
1:1



8H-Heilmittel

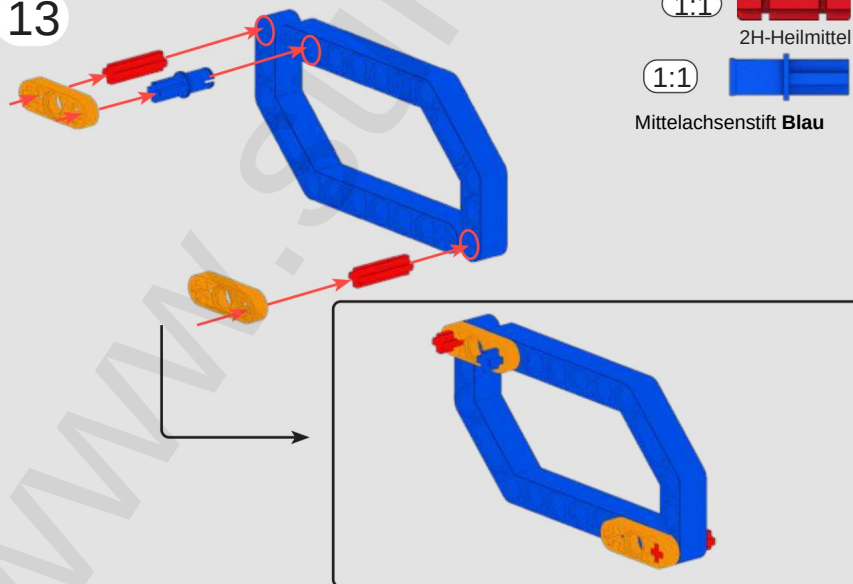


12



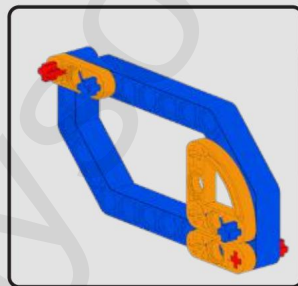
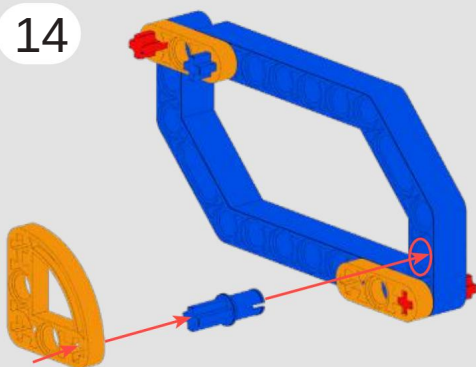
Machen wir die andere Seite.

13



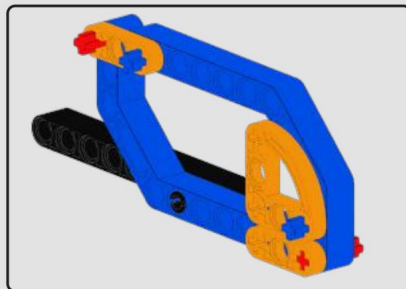
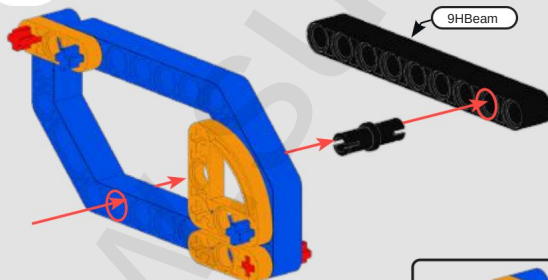
14

1:1

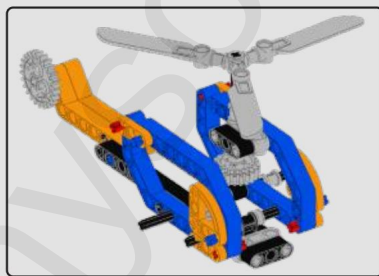
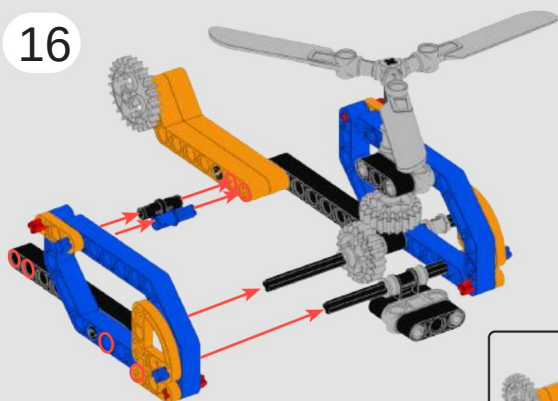
Mittelaachsenstift **Blau**

15

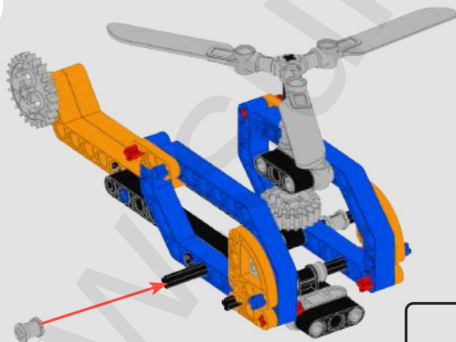
9HBeam

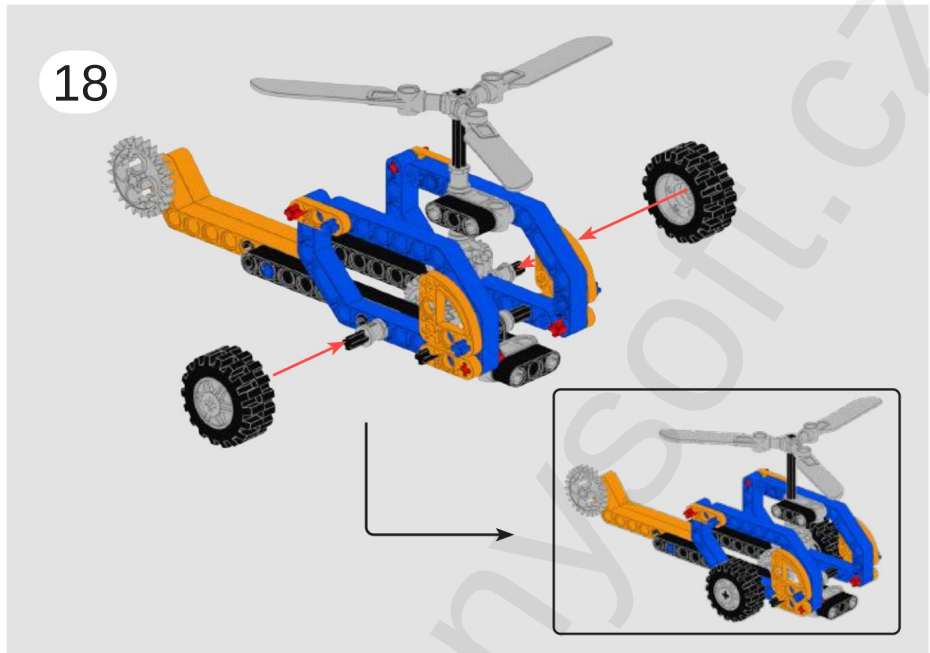


16



17

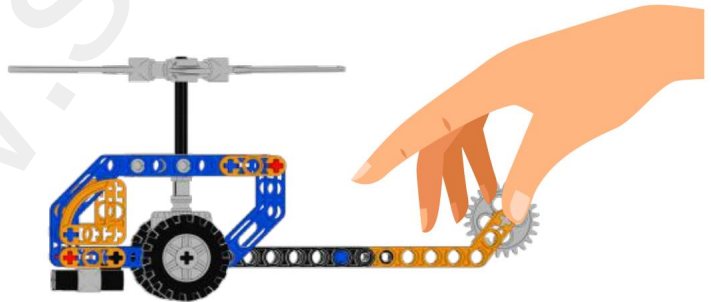




Spielanleitung



Scannen Sie den QR-Code
und laden Sie Ihr
Projekt hoch!



5 weitere Projekte!

Scannen Sie den QR-Code, um **fünf weitere** Projekte freizuschalten



Robotisieren Sie Ihre Roboter!

Möchten Sie Ihren MREK -Projektten Motoren und LEDs hinzufügen und mithilfe einer App damit spielen? Kaufen Sie das MEX-Elektronikpaket und rüsten Sie Ihr Kit auf!



Jetzt scannen und kaufen



Schreiben Sie uns Ihre Meinung!

Ihr Feedback ist der Schlüssel zu unserem Wachstum und wir möchten Ihre Erfahrungen gerne mit der Welt teilen.

**Schreiben Sie einfach Ihre Gedanken auf diese Seite,
machen Sie ein Foto, taggen Sie uns und teilen Sie sie in Ihren Sto
#TeileDeineErfahrung #AvishkaarAdventures**

Lieferant/Händler
Sunnysoft sro
Kovanecka 2390/1a
190 00 Prag 9
Tschechische Republik
www.sunnysoft.cz



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@AvishkaarEdu

MEX

Robotika

Feltáró készlet

Felhasználói
kézikönyv



MEGOLDÁS
PROBLÉMA



MECHANIKAI
VÉGREHAJTÁS



A TI FELTÉSGED



ROBOTOK





"Nem álmodom ró la

Sok sikert, dolgozom
a rajta!"

Tartalom

| | |
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| Az újító eszközök | 05 |
| Páncél ellenőrzés | 08 |
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Hozza ki a legtöbbet készletéből

Innováció



Tedd le az új tő eskü jét

Tedd le az 5. oldalon említett Innovátor Esküt, és értsd meg, mit jelent hogy új tő legyen.



Tanuld meg a Build, Code és Manual/Videok használatát

Kövess a kézikönyv lépésenkénti utasításait, hogy megtanulja, hogyan építhet izgalmas robotokat a készlettel.



Hozzon létre innovatív projekteket készleteit, és segítséggel irányíthatja a robotokat Avishkaar távirányító és kód használata Avishkaar Maker Studio.

Részesedés

Győzelem



Csatlakozz a Menjünk Avishkaarra

Csatlakozz FB közösségünkhöz – lépj kapcsolatba az újakkal, és értesülj a legújabb webináriumokról.



Projektek feltöltése

Töltsön fel projekteket a www.avishkaar.cc webhelyre, és ossza meg őket az újakkal szerte a világon.



Nemzetközi versenyeken

Vegyen részt heti, havi és éves versenyeken, és szerezzen hírnevet szerte a világon.



Az újí tó eskü je

Tegye le az alábbi Innovator Oath-t, és kötelezze el magát az innováció és a problémamegoldás melletti élethosszig tartó elkötelezettsége mellett. Oszd meg a fotó t a Let's Avishkaar FB közösségben.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Fedezze fel
az én készletem

Üdvözljük a Aviskaarban

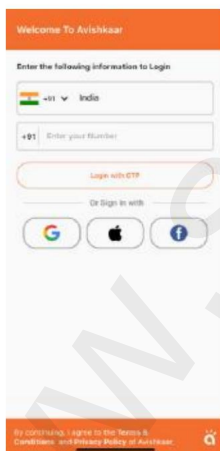
Töltse le az Aviskaar alkalmazást

Töltse le az Avishkaar alkalmazást az alábbi QR-kódok beolvasásával:



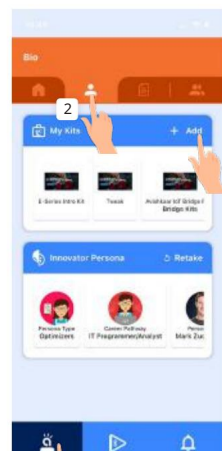
1 Hozzon létre egy fiókot

Nyissa meg az alkalmazást, és kövesse a képernyőn megjelenő utasításokat a fiók létrehozásához.



2 Regisztrálja készülét

Lépjen az alkalmazás „Profil” részébe, és kattintson a „+” További hozzáadása” lehetőségre a „Saját készülékek” alatt a készülék regisztrálásához. Ez a lépés fontos a robot későbbi irányításához.



Product Registration
Sticker

Páncél ellenőrzés

1. doboz (Építőletalkatrészek)

Gerenda



9H
Gerenda
x2



7H
Gerenda
x2



5H
Gerenda
x4



3H
Gerenda
x2

„Megjegyzés: "H"
lyukakat jelent.
Például. 15H sugár
15 lyukú gerendát jelent.



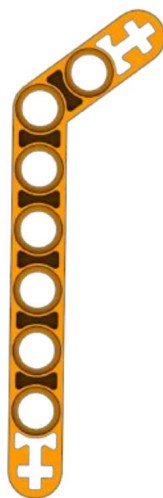
2Cx1H
Vékony gerenda
x4



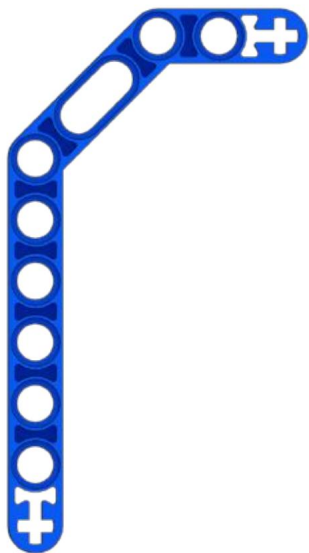
1Cx1H
Gerenda
x2



3Cx2H
Vékony-D
x2



2C x 7H
Egyszerű hajlítás
x2



2Cx10H Dupla
hajlí tó
gerenda
x 4

TÁJTÓ ANYAGOK



Tengelytöltő - nagy
x 4



Tengelytöltő - Kicsi x6

Lapát



Lapát x 3

Átruházás



Lánckerék-24T x 2



20T Kettő s
kúpperék x
2

Kerék



Kis kerékpár
x4

PINS



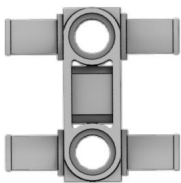
Hosszú tű -kék x 2



Közepes tű -fekete x15

Középső tengelycsap -
kék x 6

CSATLAKOZÓK



3Hx4 tű s csatlakozó x 2

Háromtengelyes
csatlakozó
x 1Három tű s tengely
csatlakozó x 21C x 1H Derékszögű
csatlakozó
x 1

Gumiszalag

Gumiszalag
x 3

Nyí lás

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

Gerenda



#B

MEGJEGYZÉS: A tengelyek 1 :1 arányúak a nyomattal
helyek () a kézikönyvben

Jogorvoslat



#D

(1)



#I

(1)



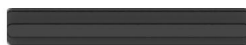
#I

(2)



#I

(1)



4H

(2)



3H

(1)

1:1



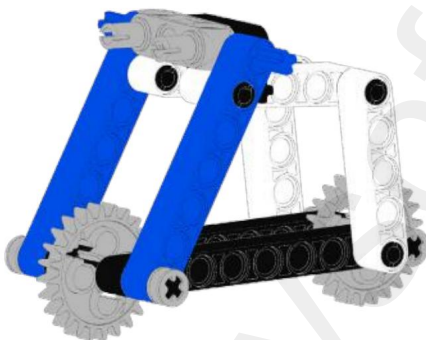
2H

(4)

Kézikönyv

1. projekt: MEX mountain bike (MTB)

Építsük!



Olyan dolgok, amelyekre szükségünk van



9H
Gerenda
x 2



5H
Gerenda
x 4



3H
Gerenda
x 1



4H
Orvoslás x
2



6H
Orvoslás
x 1



Középső
tű -fekete x
4



Középső
tengelycsap -kék x
2



3Hx4Pin
Csatlakozó
x 1



Elő Iső
fogaskerék
24T
x 2



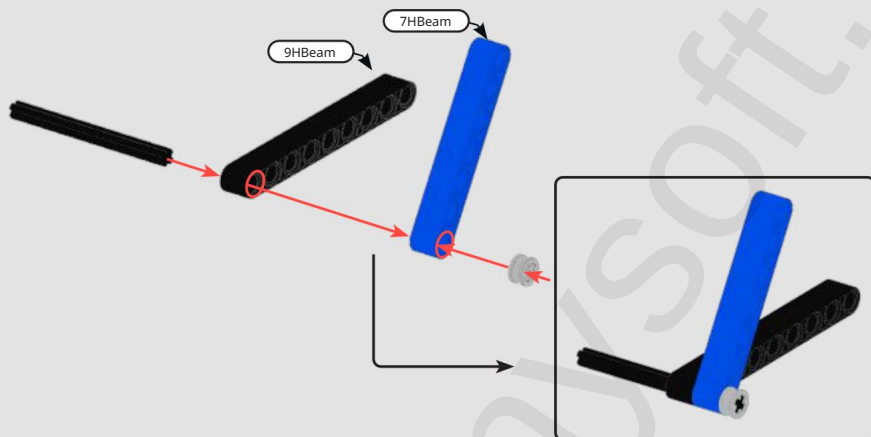
Tengelytöltő
- kicsi
x 5

Lépések

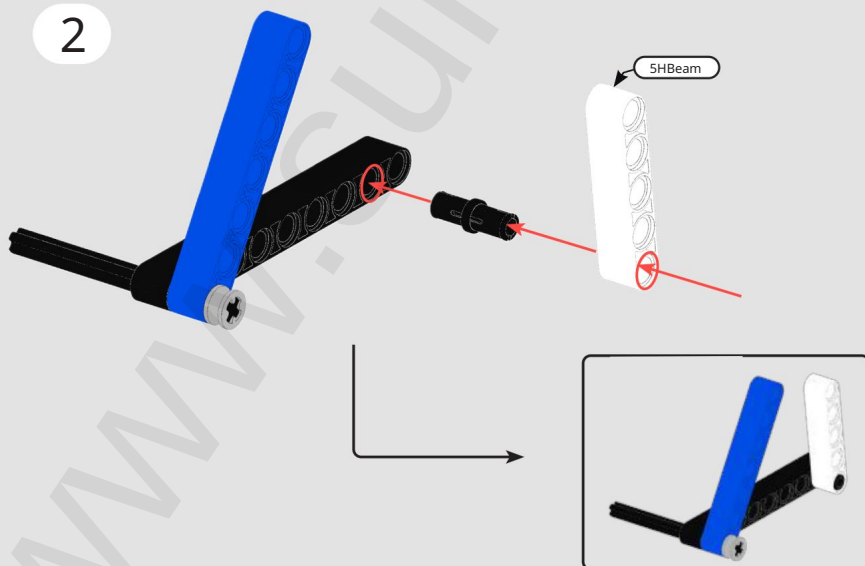
1:1

6H orvosság

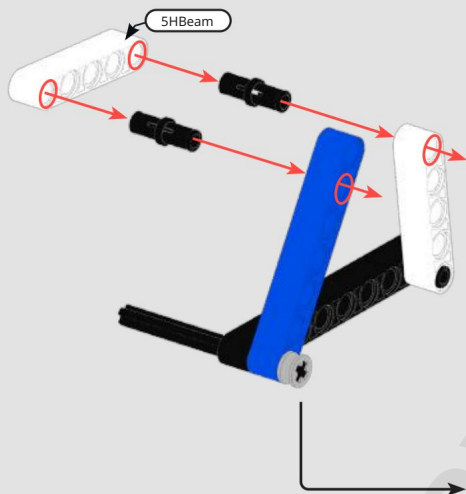
1



2



3

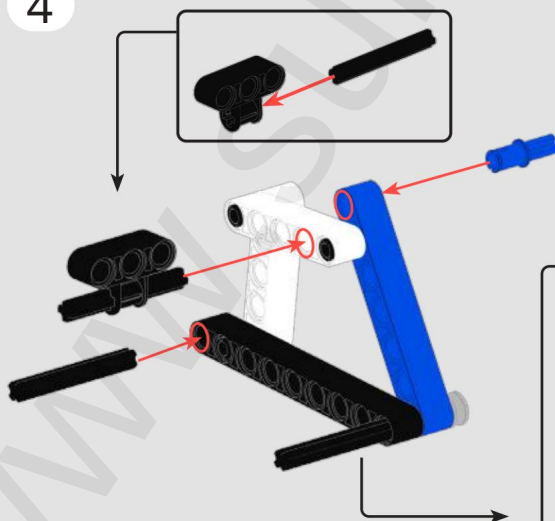


1:1

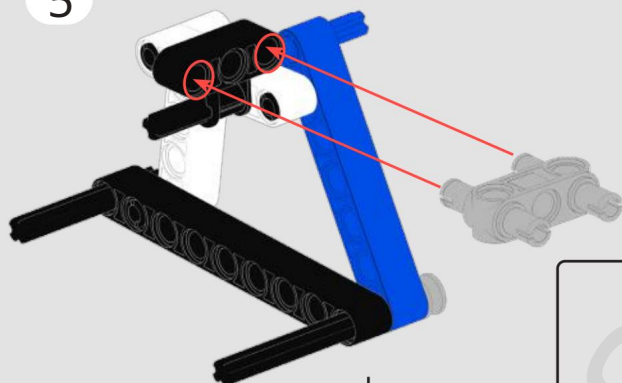


4H orvosság

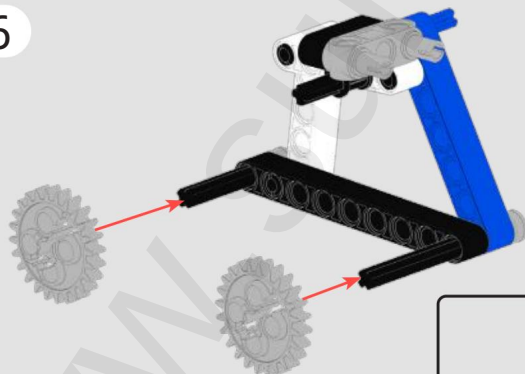
4



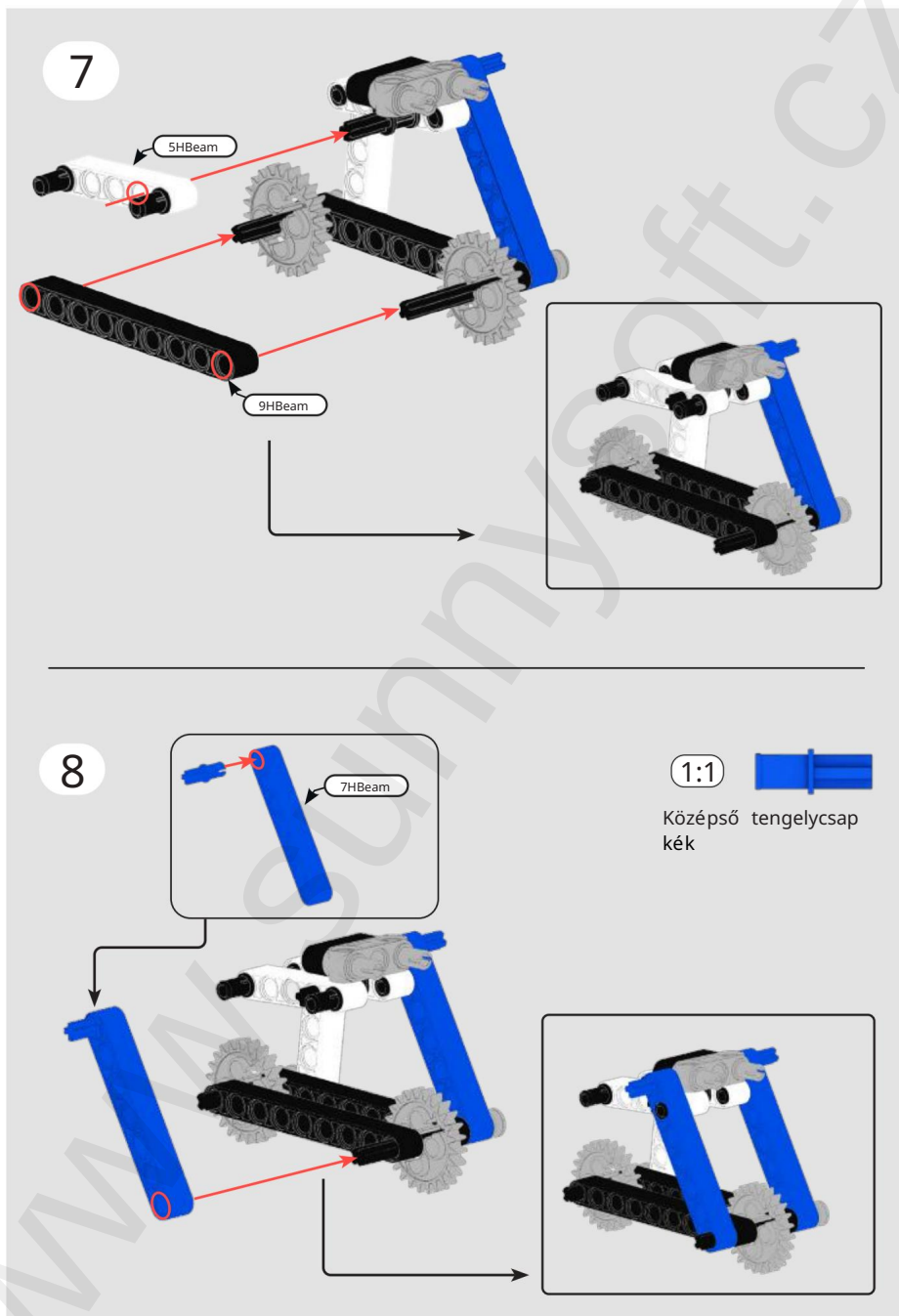
5



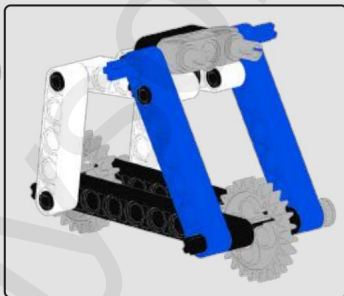
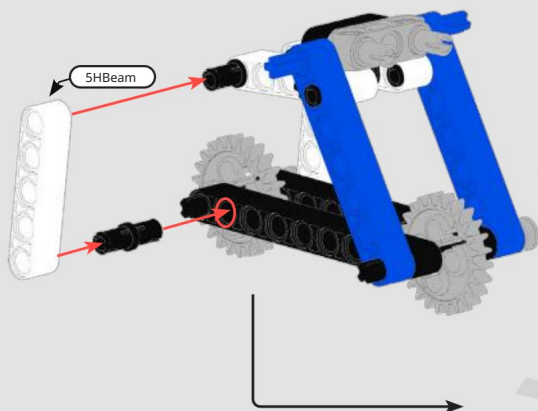
6



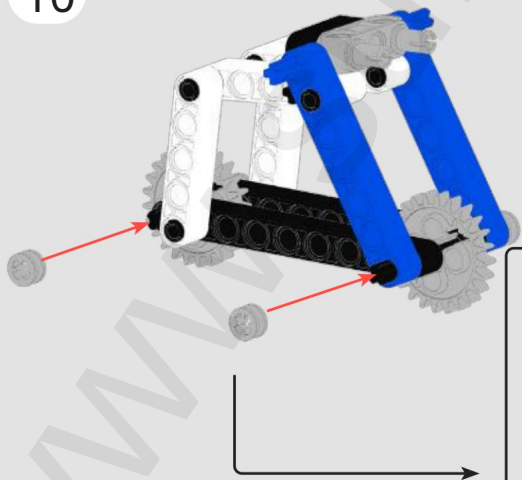
Lánckerék
--24T



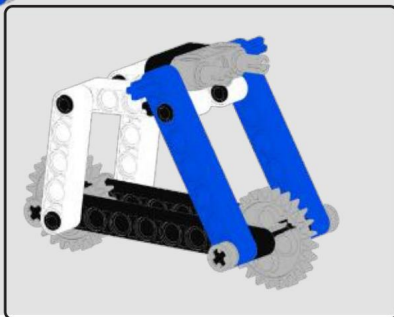
9



10



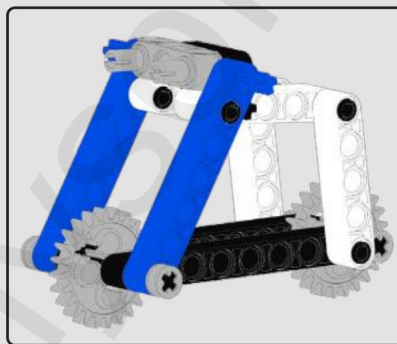
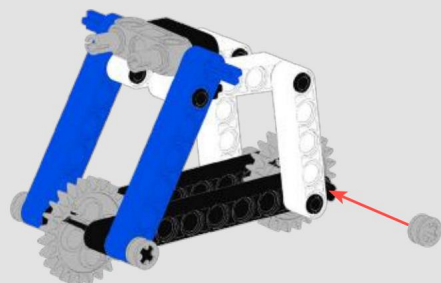
Tengelytöltő - kicsi



11



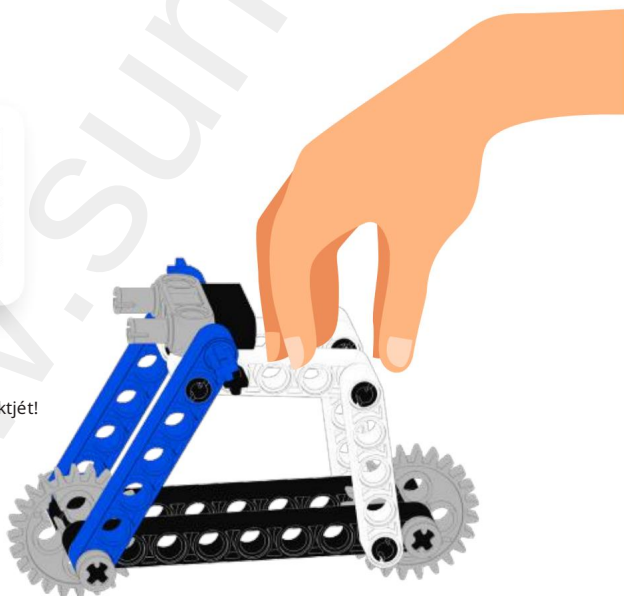
Tengelytöltő - kicsi



Hogyan kell játszani

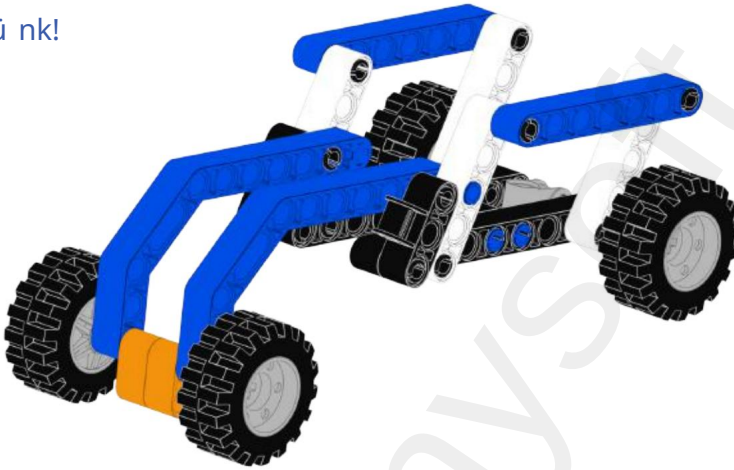


Olvassa be a QR-
kódot, és
töltse fel projektjét!



2. projekt: MEX Retro autó

Építsük nek!



Olyan dolgok, amelyekre szüksegu nek van



9H
Gerenda
x2



7H
Gerenda
x2



5H
Gerenda
x4



3H
Gerenda
x2



2Cx10H
Double Bend
Gerenda
x 2



1Cx1H
Gerenda
x2



Pin közepes
tengelyek-kék
x2



Közepes tű fekete
x13



Hosszú
pin-kék
x2



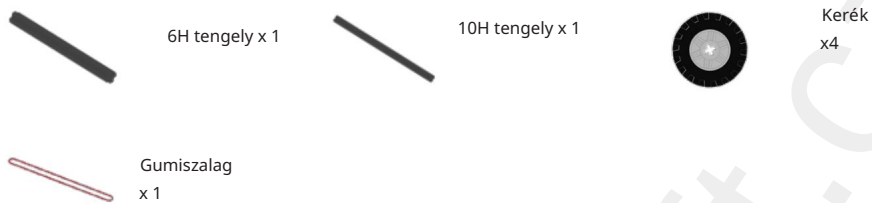
3Hx4Pin
Csatlakozó
x2



1Cx1H
Függőleges
csatlakozó
x 1

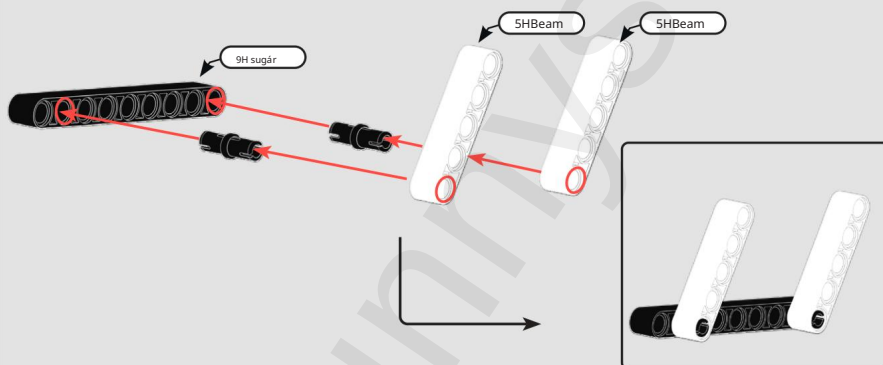


Három tű s
tengely
csatlakozó csap
x 1

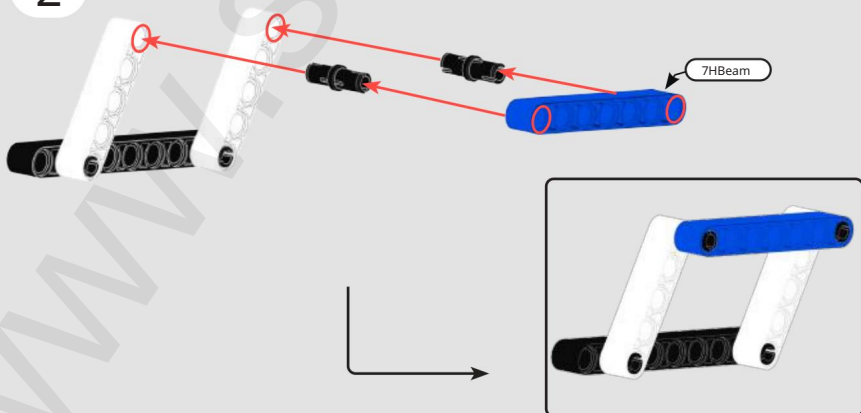


Lépések

1



2

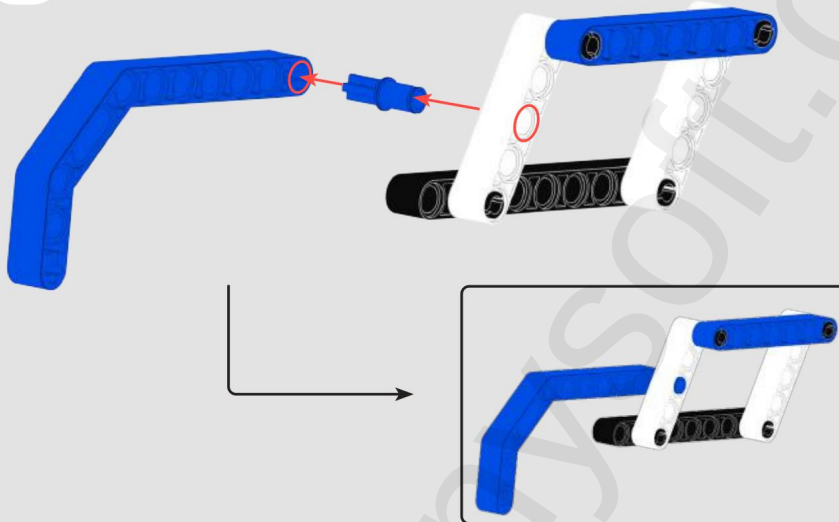


3

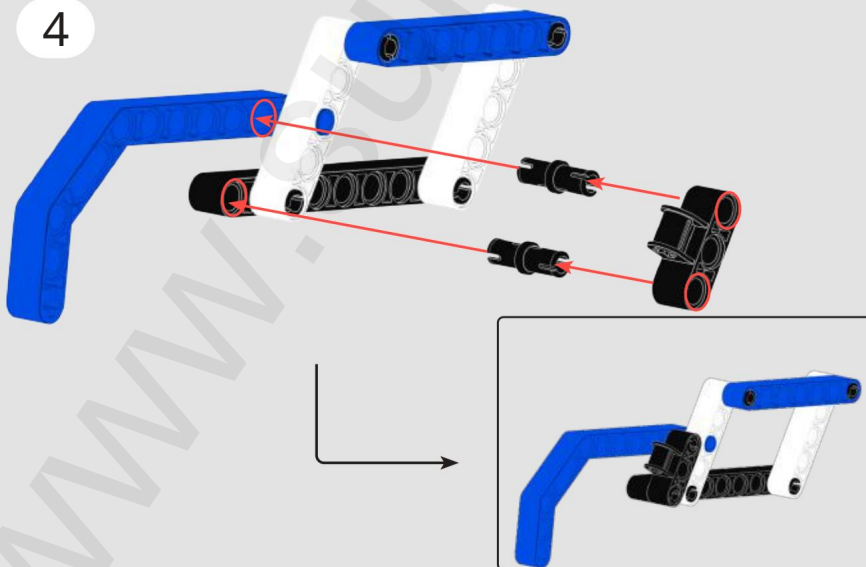
1:1



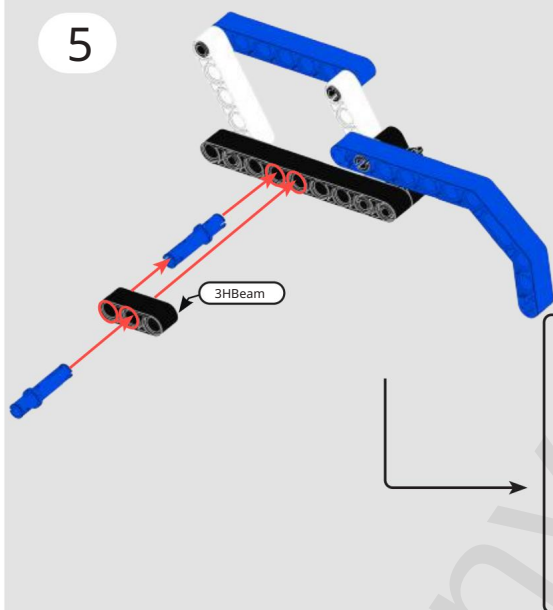
Középső tengelycsap kék



4



5

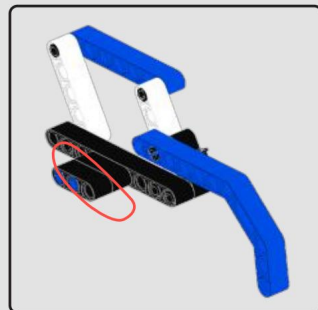
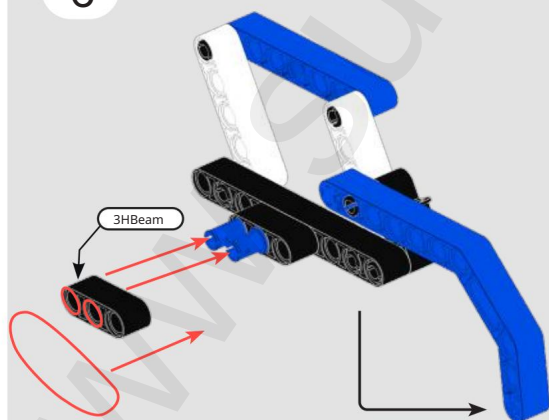


1:1

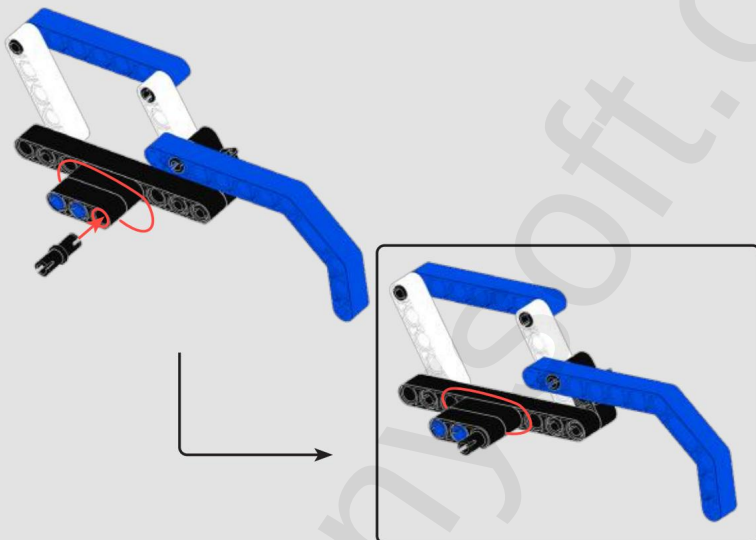


Hosszú tű kék

6

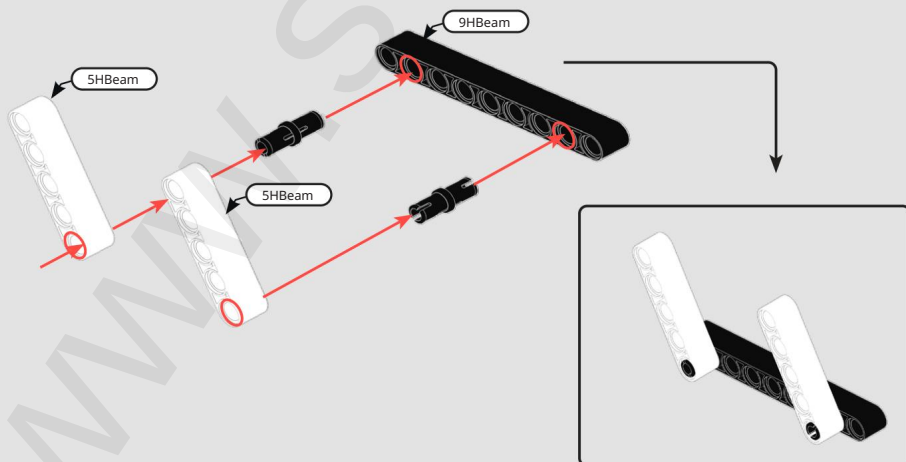


7

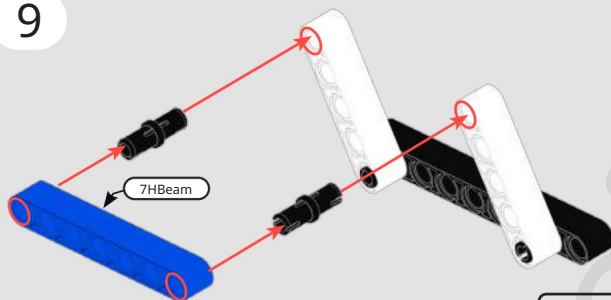


Csináljuk a másik oldalt.

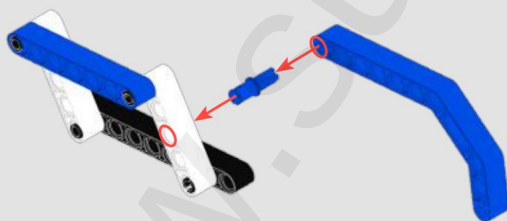
8



9



10



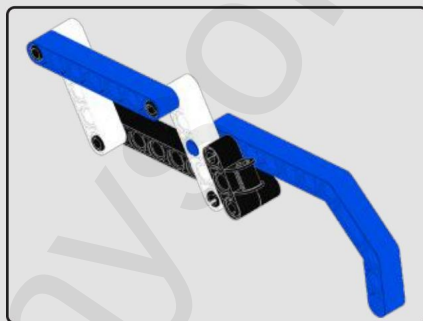
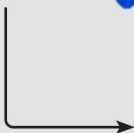
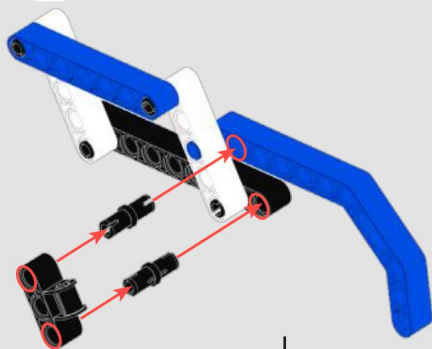
1:1



Középső tengelycsap
kék



11

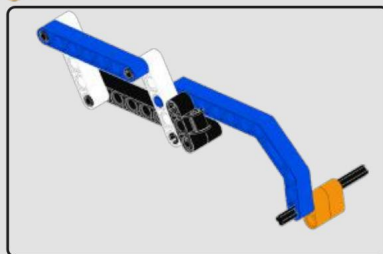


12

1:1



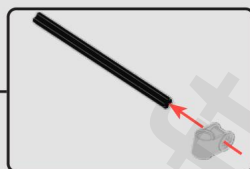
6H orvosság



13

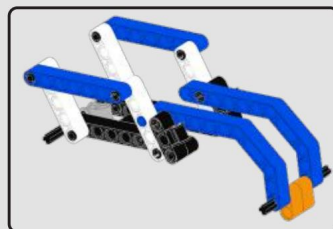
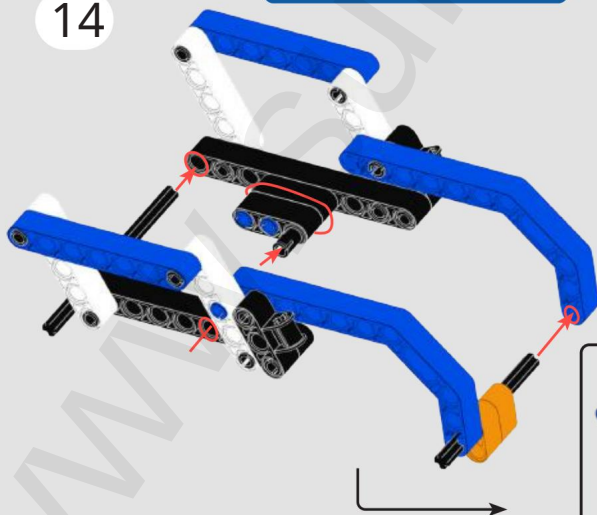
1:1

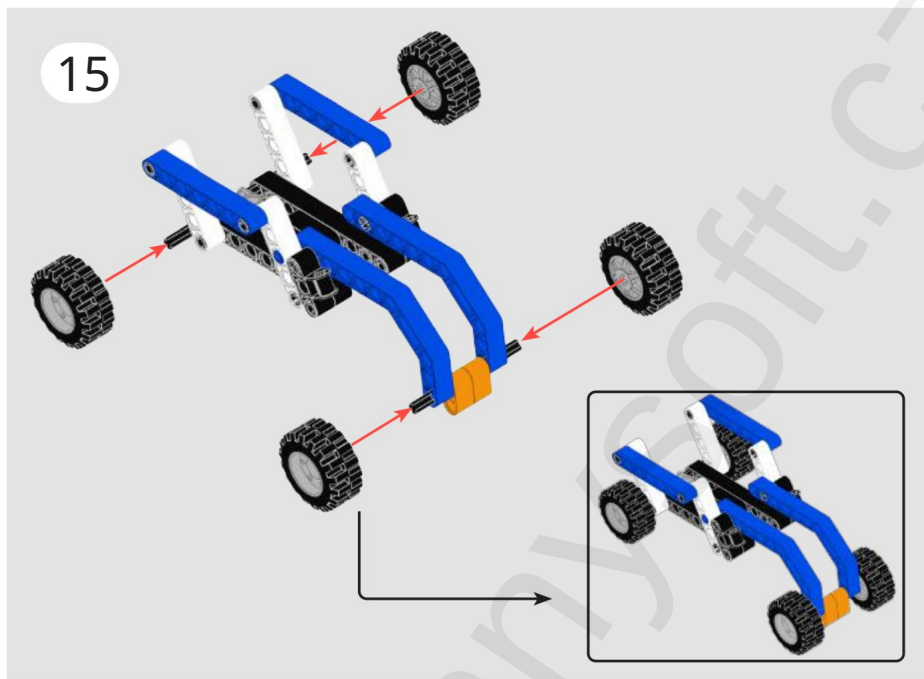
8H orvosság



14

Mindkét oldalát behajítjuk .

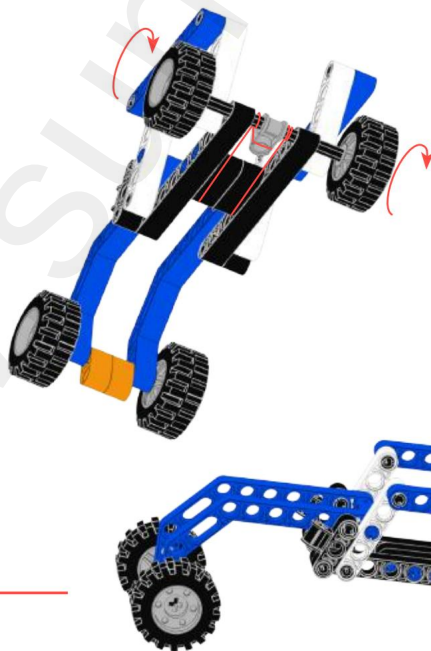




Hogyan kell játszani



Olvassa be a QR-
kódot, és
töltse fel projektjét!



3. projekt: MEX Buggy

Építsük meg!



Olyan dolgok, amelyekre szükségünk van



7H sugár
x2



5H
Gerenda
x2



2Cx10H
Kettős
hajlítás
gerenda
x2



2Cx7H
Egyszerű
hajlítás
gerenda x 2



3Cx2H
Vékony-D
x2



1Cx1H
Gerenda
x2



Középső
tengelycsap
- kék
x4



Középső tű -
fekete x 4



6H
Jogorvoslat
x 1



8H orvosság
x 1



10H orvosság
x 1



Töltő
tengelyek -
nagyok
x4



Töltő
tengelyek
- kicsi x 2



Három tűs
függőleges
tengely
csatlakozó
x 1

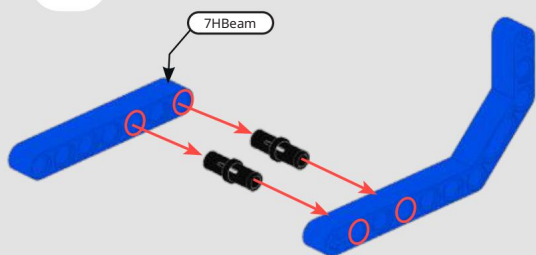


Kerék
x4



Gumiszalag
x 1

1

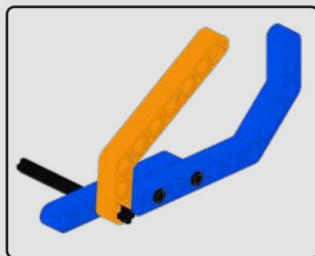
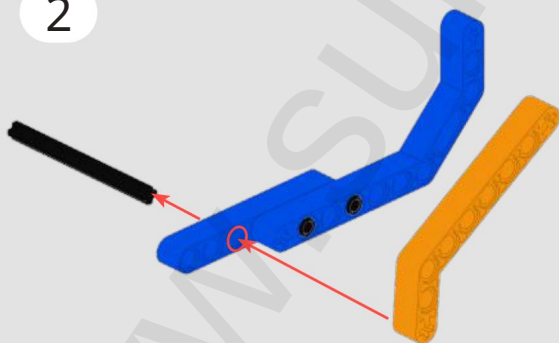


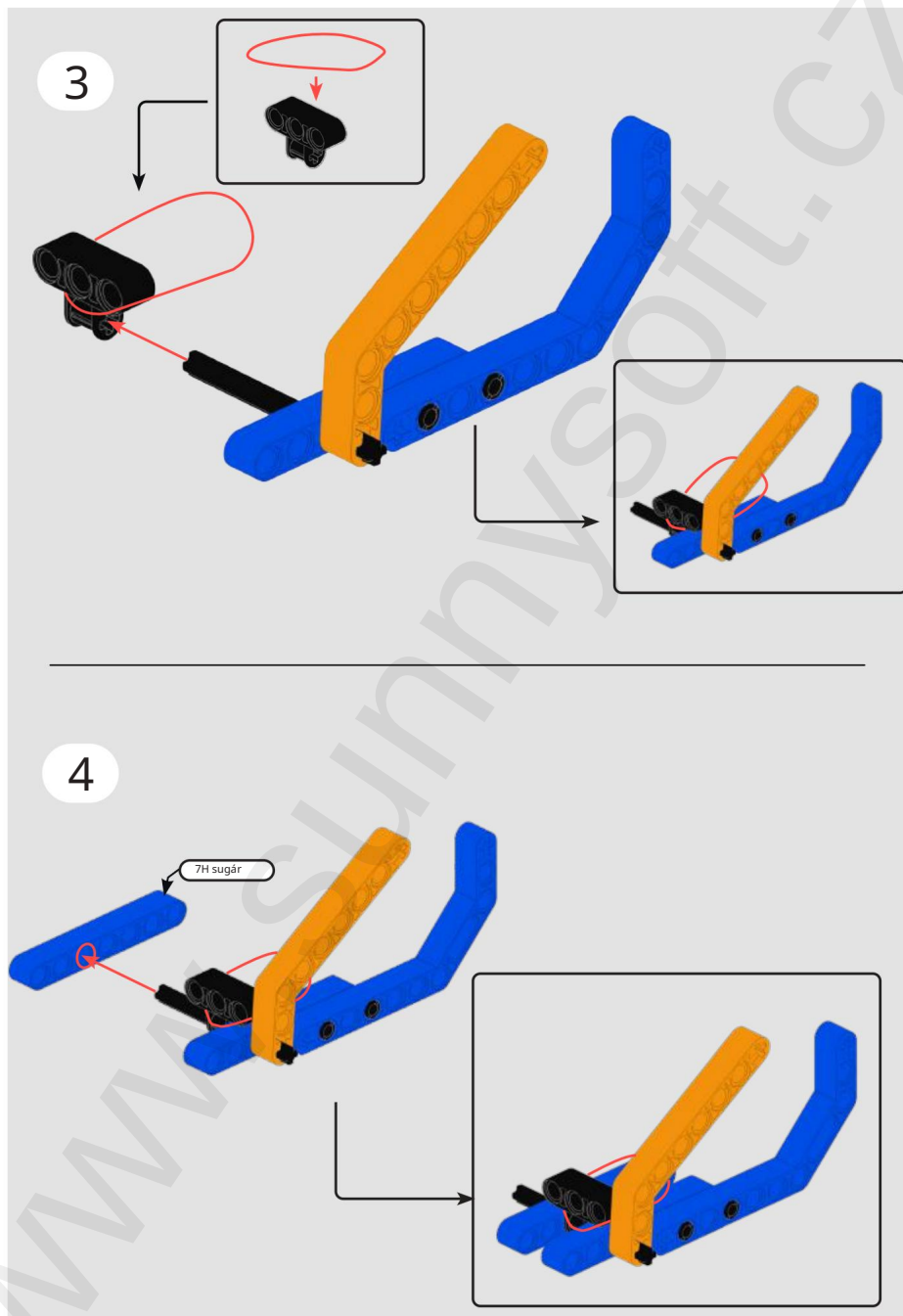
2

1:1



6H orvosság

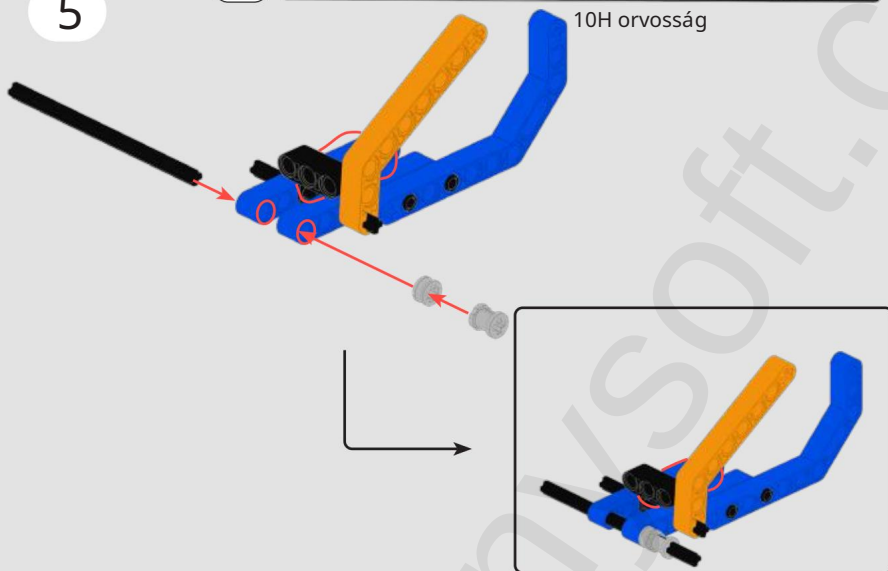




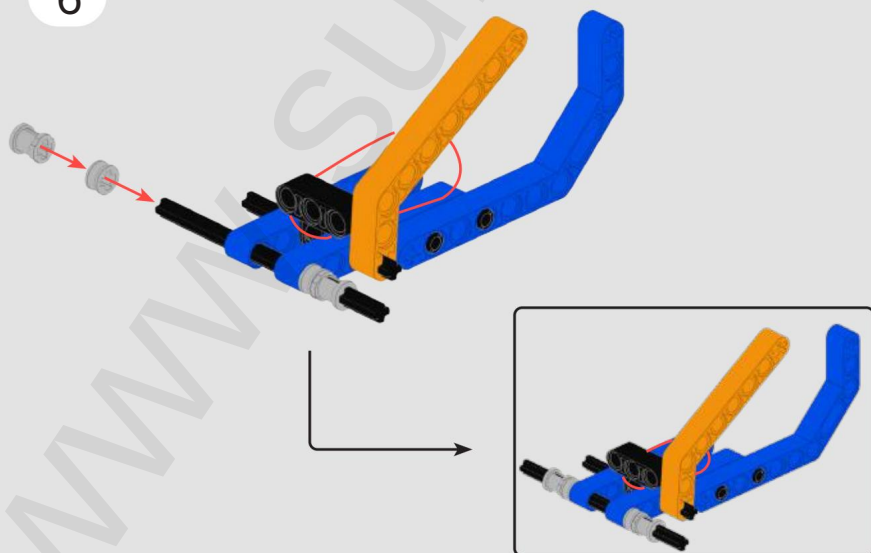
5

1:1

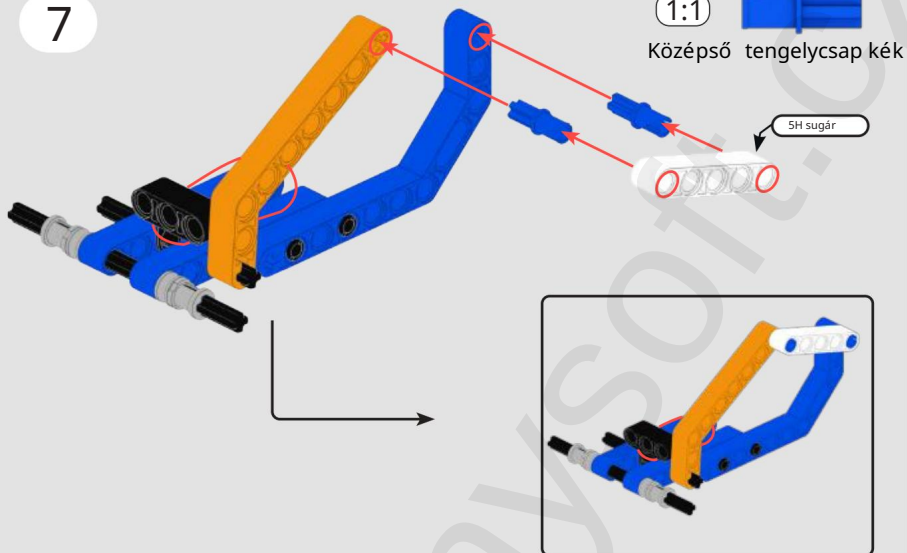
10H orvosság



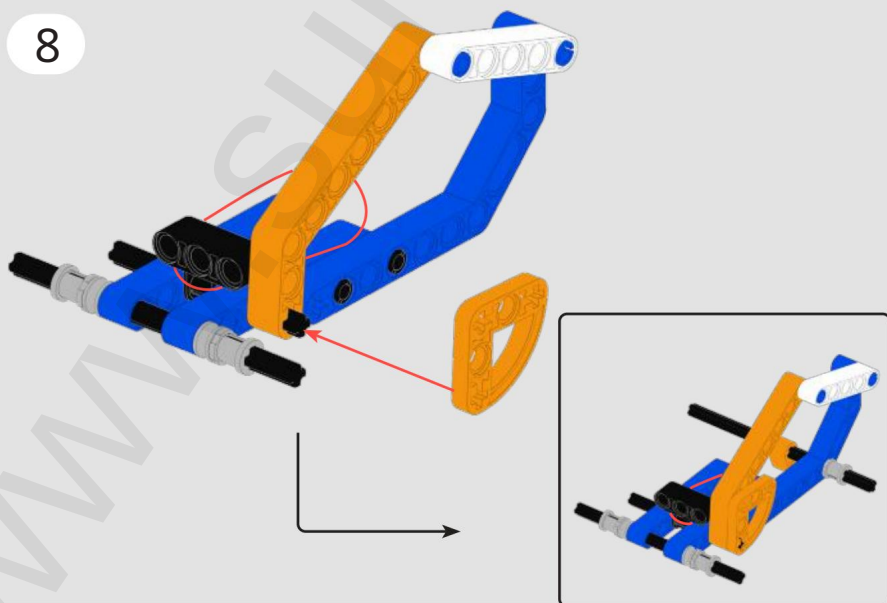
6



7



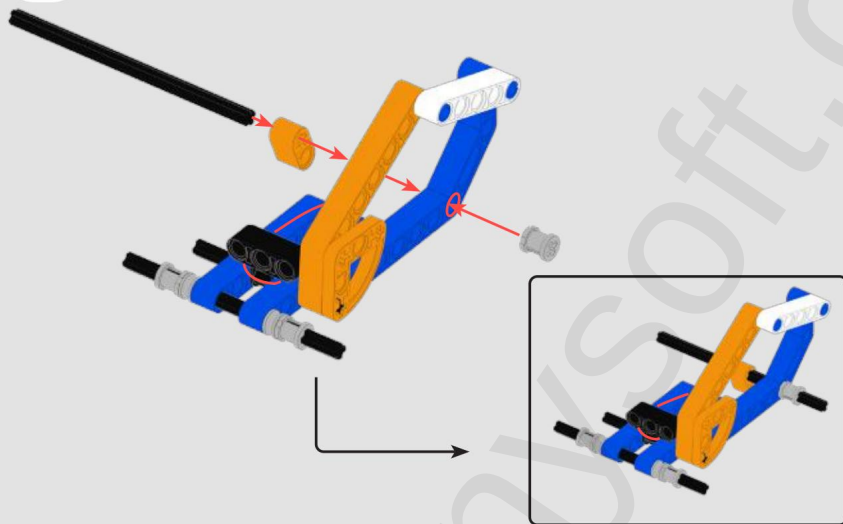
8



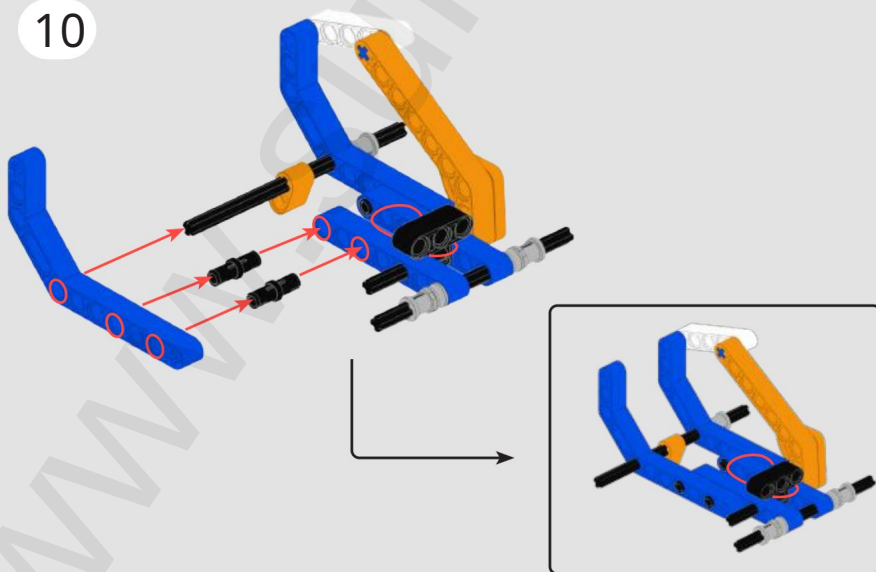
9

1:1

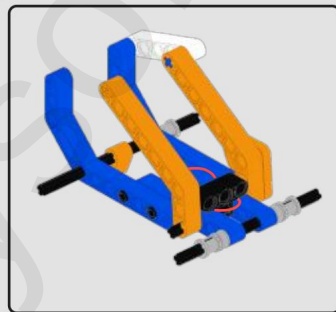
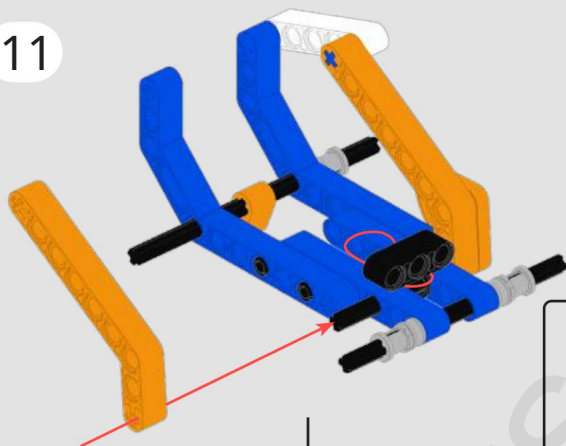
8H orvosság



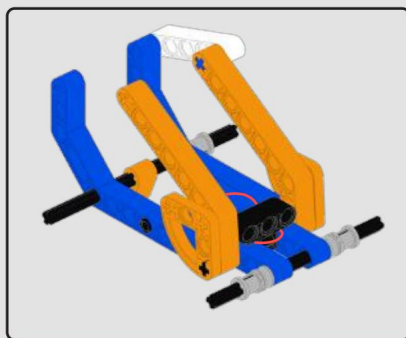
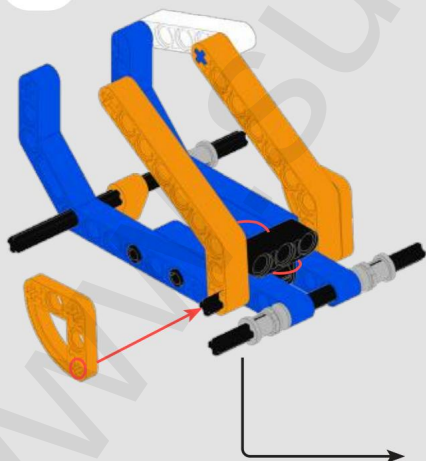
10



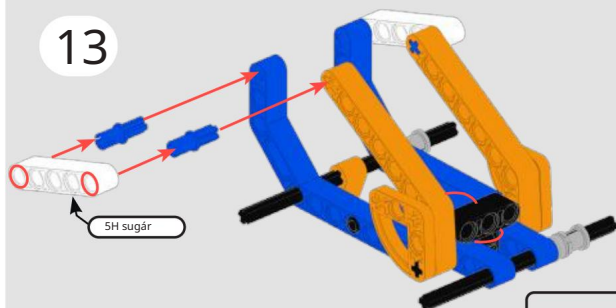
11



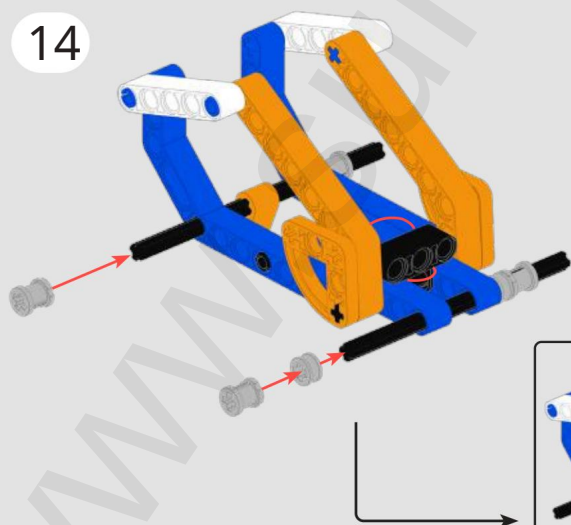
12

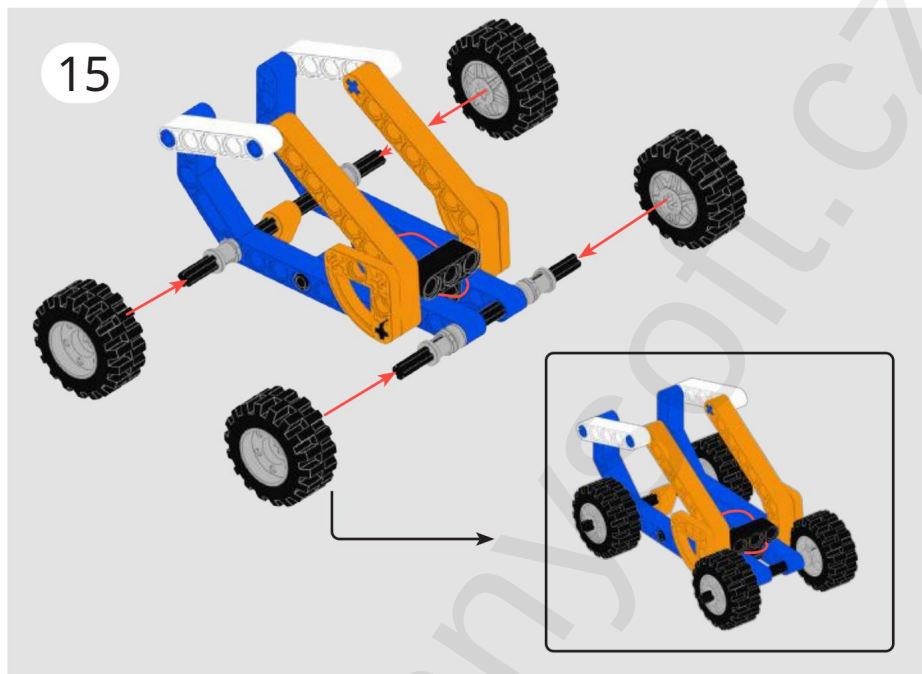


13



14

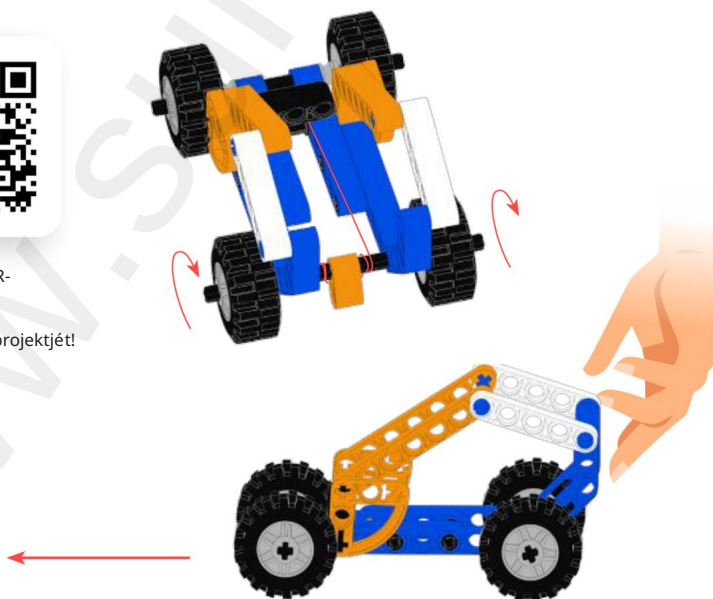




Hogyan kell játszani



Olvassa be a QR-
kódot, és
töltse fel projektjét!



4. projekt: Szélmalom MAX

Építsük meg!



Olyan dolgok, amelyekre szükségünk van



9H sugar
x2



5H sugar
x2



3H
Gerenda
x2



2Cx10H
Kettős
hajlítós
gerenda
x4



2Cx1H
Vékony
gerenda
x2



1Cx1H
Gerenda
x2



2H
Jogorvoslat
x4



8H
Jogorvoslat
x1



10H
Jogorvoslat
x1



Lapát
x3



Hármascsatlakozó
tengelyek
x1



Töltőtengelyek
- kicsik
x5



Közepes
PinBlack x
14



20T Dupla
kúpos
áttétel
x1



Töltőtengelyek-nagyok
x4



Három tű s
tengely
csatlakozó
x 1



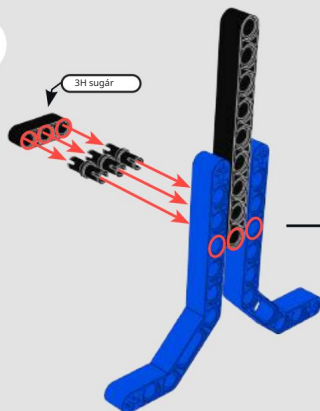
1Cx1H

Merő leges csatlakozó
x 1

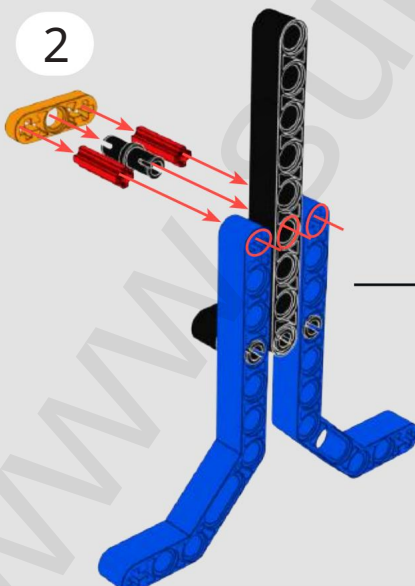


Gumiszalag
x 1

1

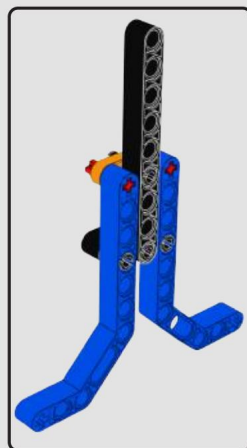


2

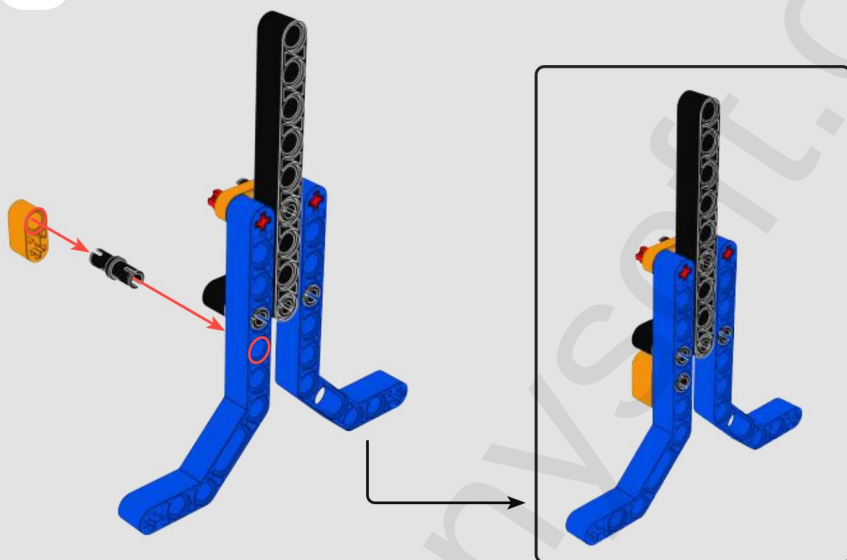


1:1

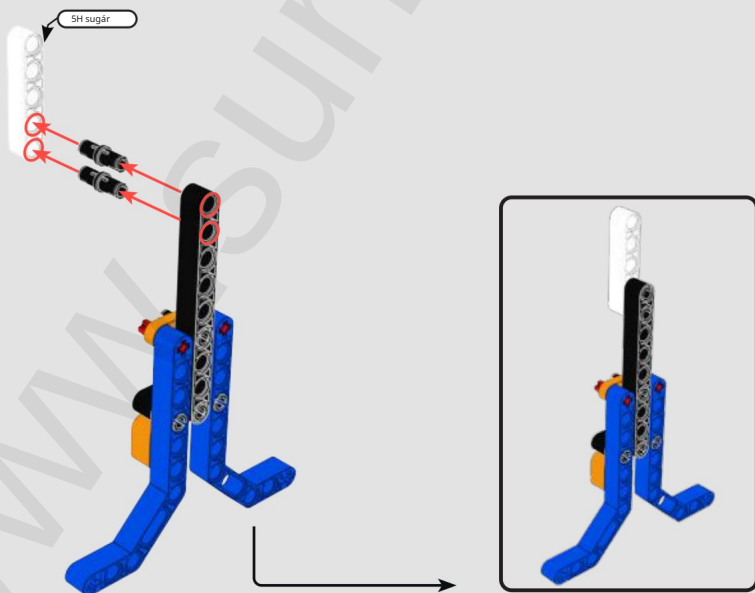
2H orvosság



3

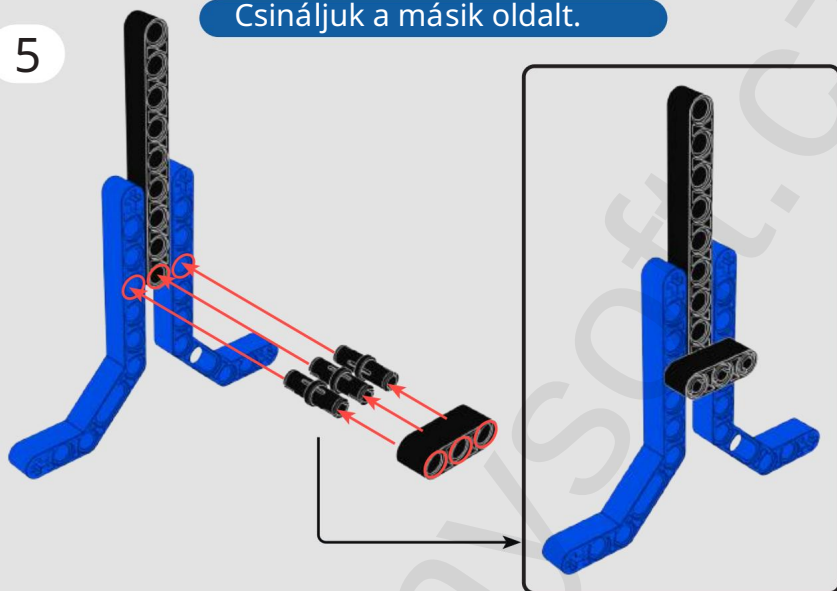


4



5

Csináljuk a másik oldalt.

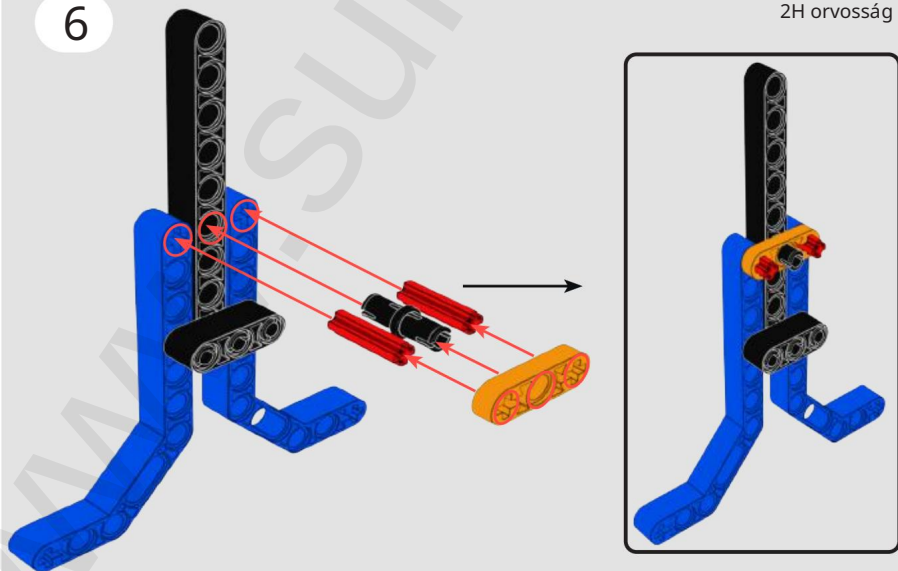


6

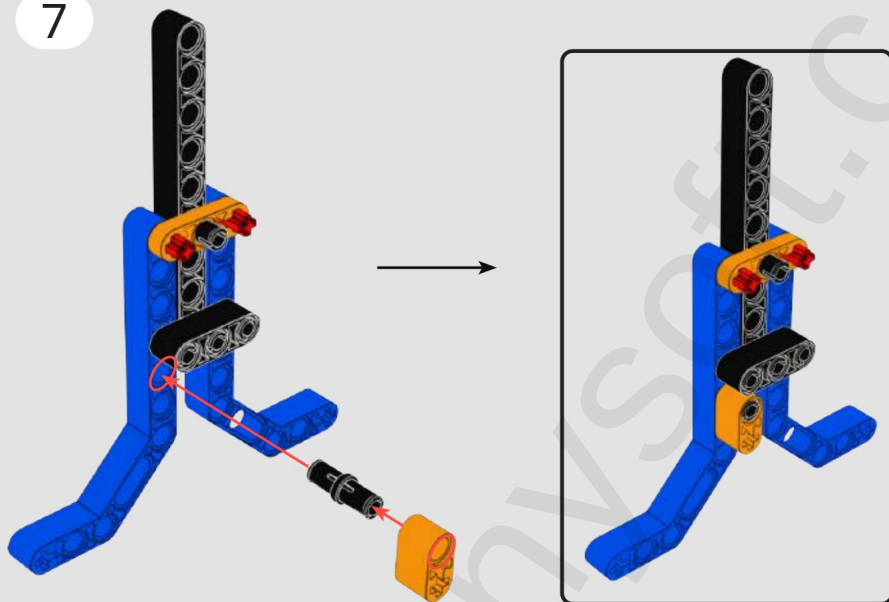
1:1



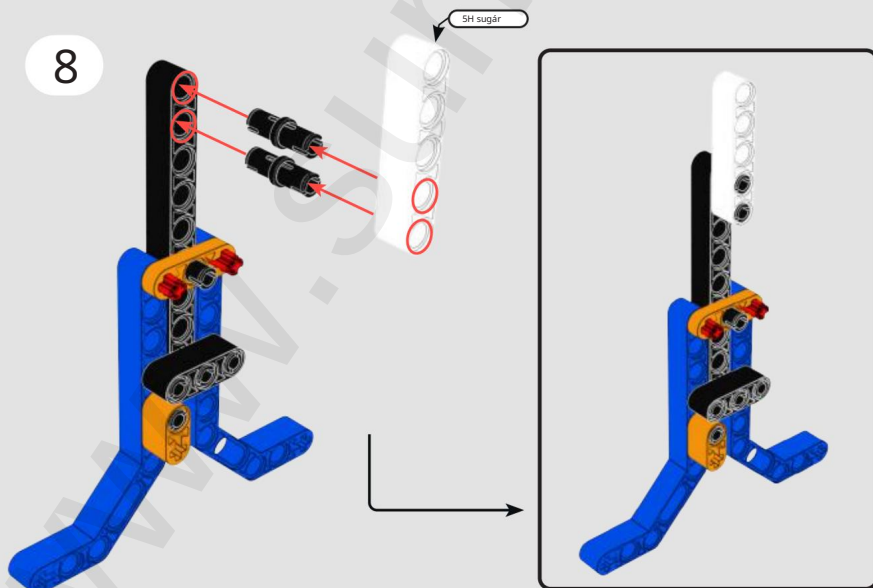
2H orvosság



7



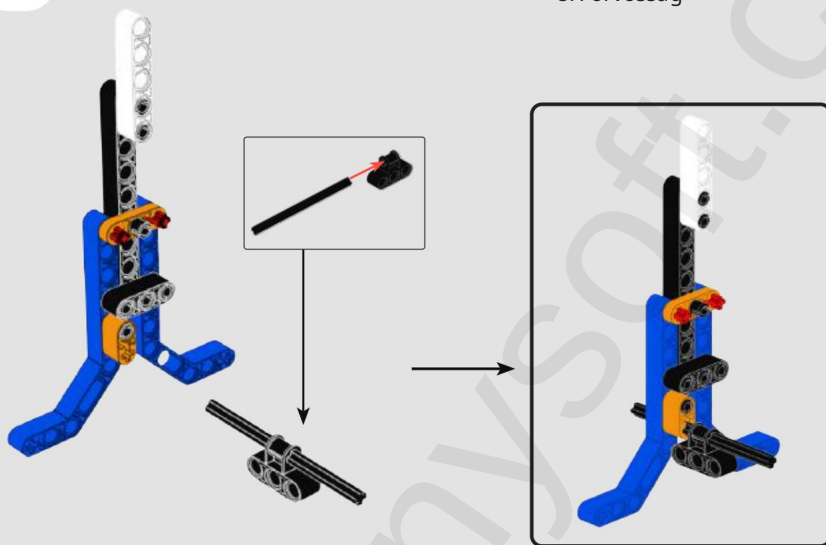
8



9

1:1

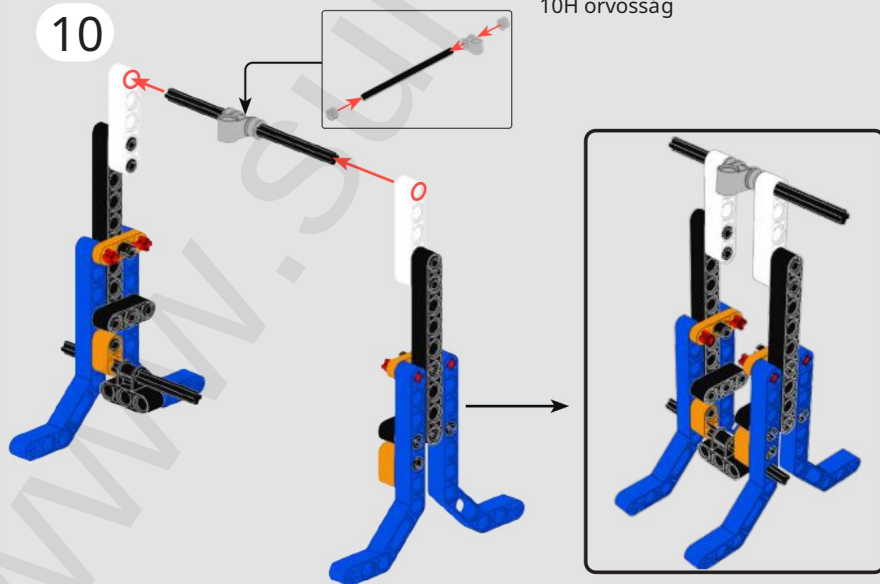
8H orvosság



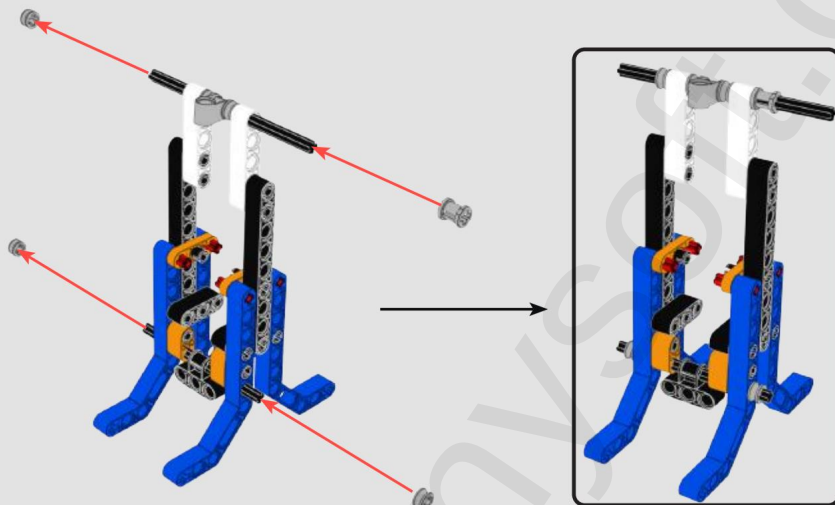
1:1

10H orvosság

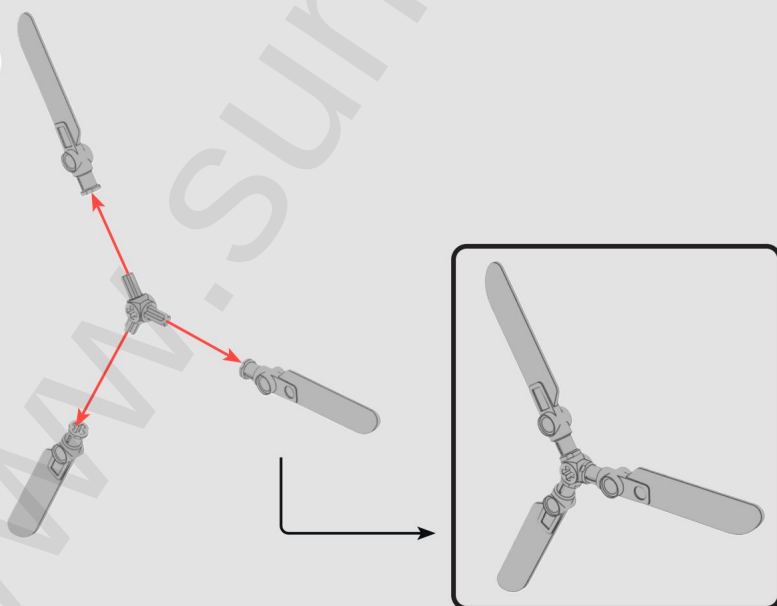
10



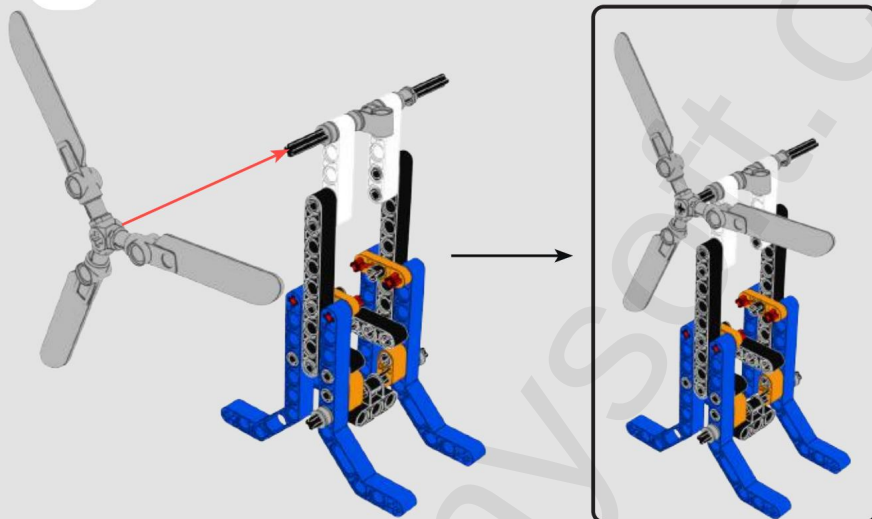
11



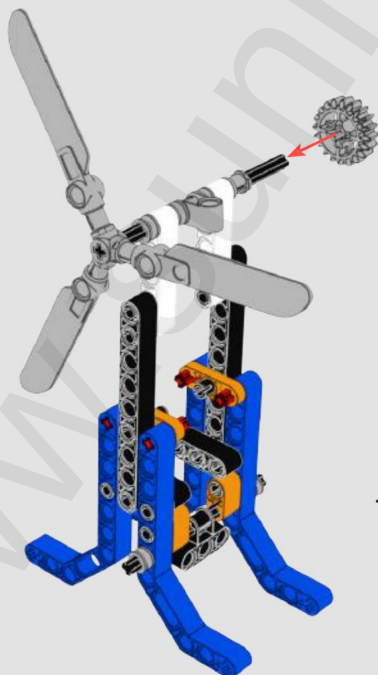
12



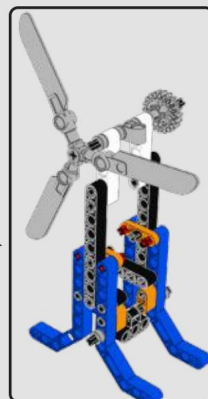
1213



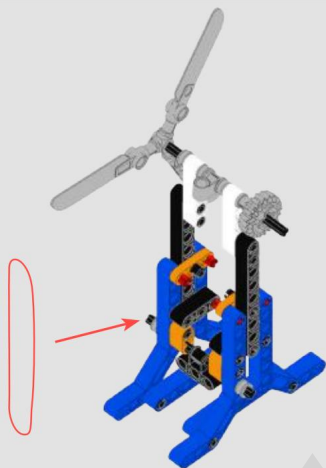
14



20T Kettős
kúperék



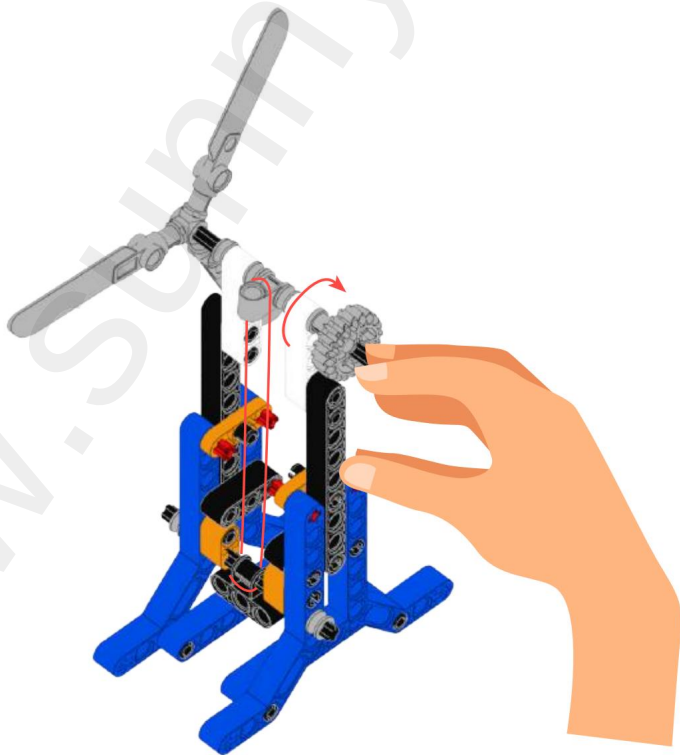
1416



Hogyan kell játszani

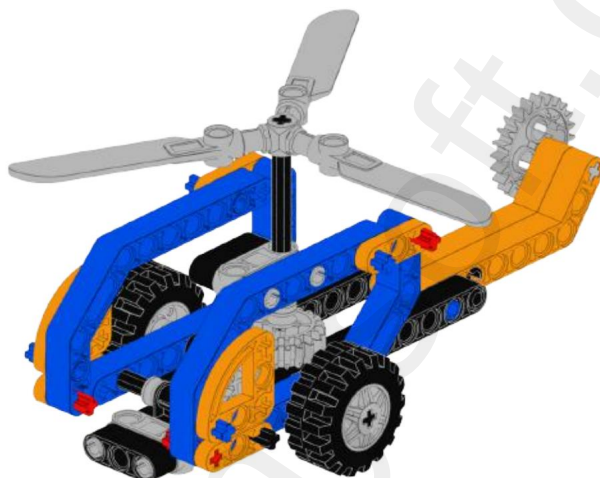


Olvassa be a QR-
kódot, és
töltse fel projektjét!



5. projekt: MEX Helikopter

Építsük!



Olyan dolgok, amelyekre szükségünk van



9H
Gerenda
x2



3H
Gerenda
x2



2Cx10H
Kettős hajlítós
gerenda
x4



2Cx7H
Egy
hajlítós
gerenda x 2



3Cx2H
Vékony-D
x2



2Cx1H
Vékony
Gerenda
x2



2H orvosság
x4



8H
Jogorvoslat
x 1



3H
Jogorvoslat
x 1



10H
Jogorvoslat
x 1



Közepes
tű-fekete
x5



Pin közepes
tengelyek-
kék
x4



3Hx4Pin
Csatlakozó
x2



Tengelytöltő - kicsi
x5



Töltő
tengelyek-
nagyok
x4



Lapát
x3



Háromtengelyes
csatlakozó
x1



Merő leges
tű s csatlakozó
a tengelyen
x 1



20T Dupla
kúpos
áttétel
x2



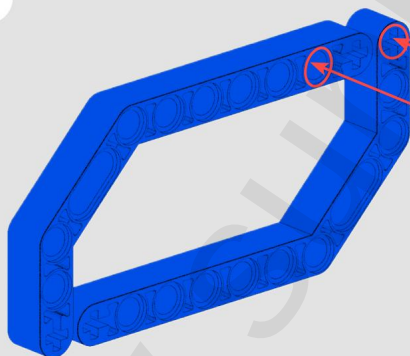
Elü Iső
fogaskerék
24T x 1



Kerék
x4

Lépések

1



1:1

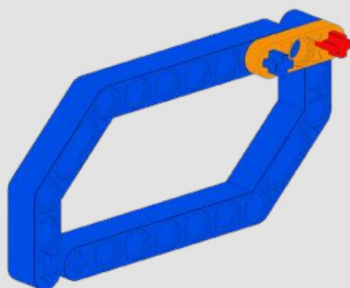


2H orvosság

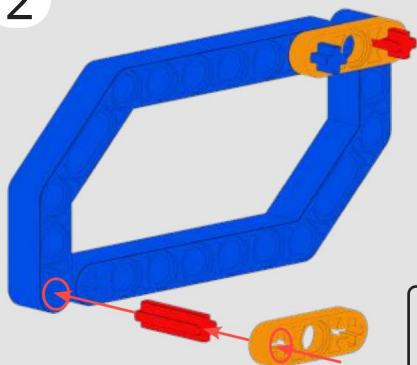
1:1



Középső tengelycsap kék



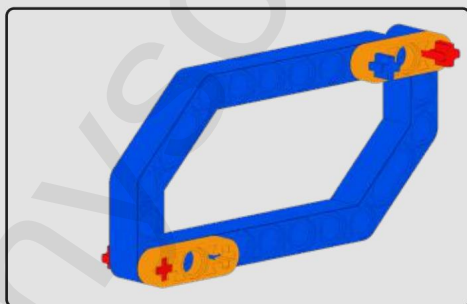
2



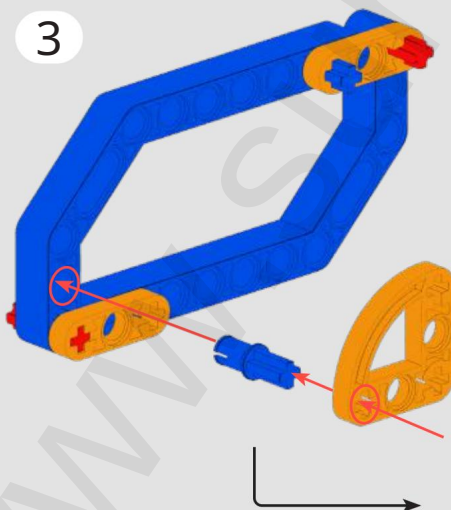
1:1



2H orvosság



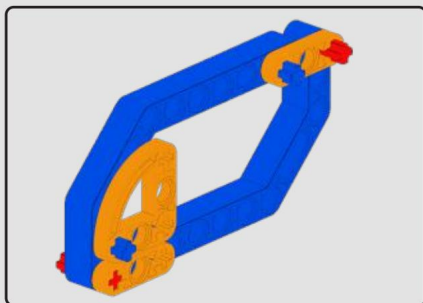
3



1:1



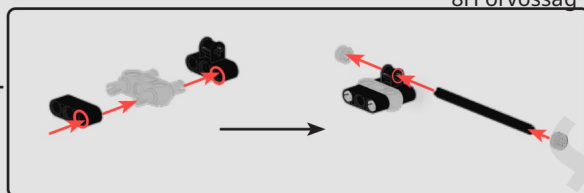
Középső tengelycsap kék



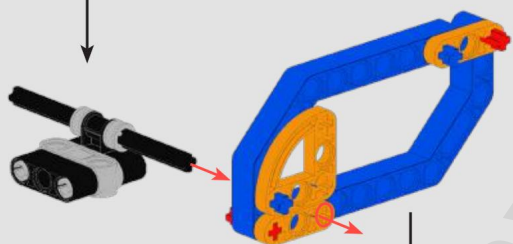
4

1:1

8H orvosság

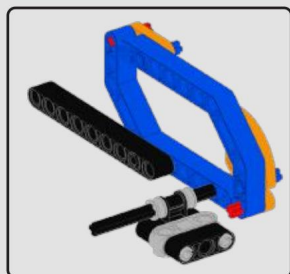
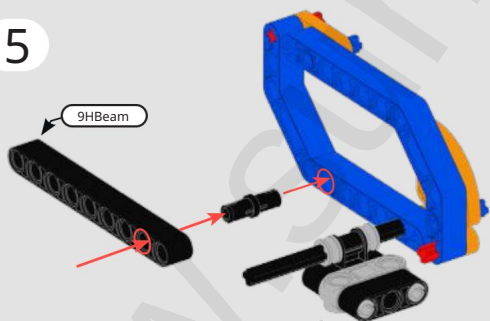


Tengelytöltő - kicsi



5

9H Beam



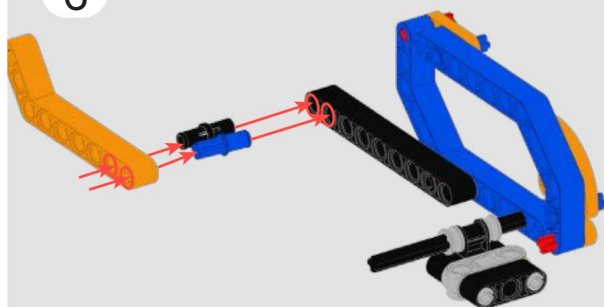
Összeszerelési tipp



A fekete középső csapok behelyezése kissé bonyolult lehet! De ne aggódj. Tolja át ő ket, és ellenőrizze, hogy a csatlakozás szoros-e. Használj egy kis erő t :-).



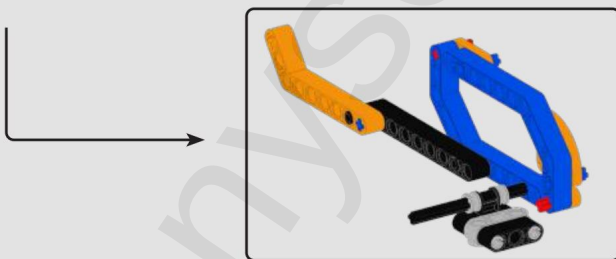
6



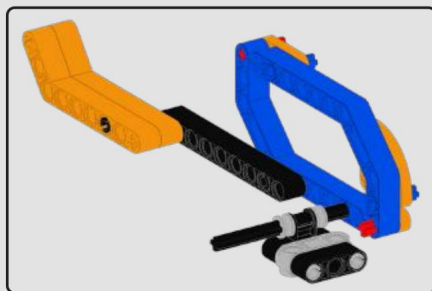
1:1



Középső tengelycsap kék



7



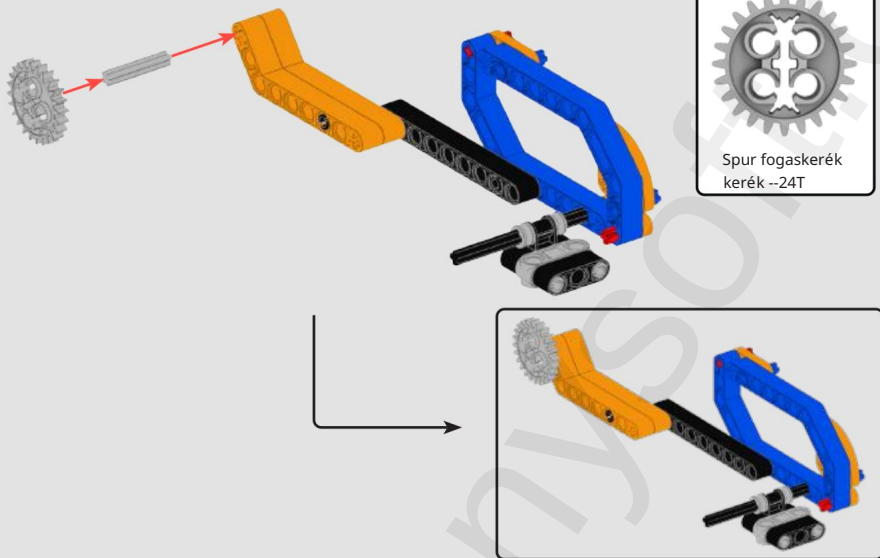
8

1:1

3H orvosság



Spur fogaskerék
kerék --24T



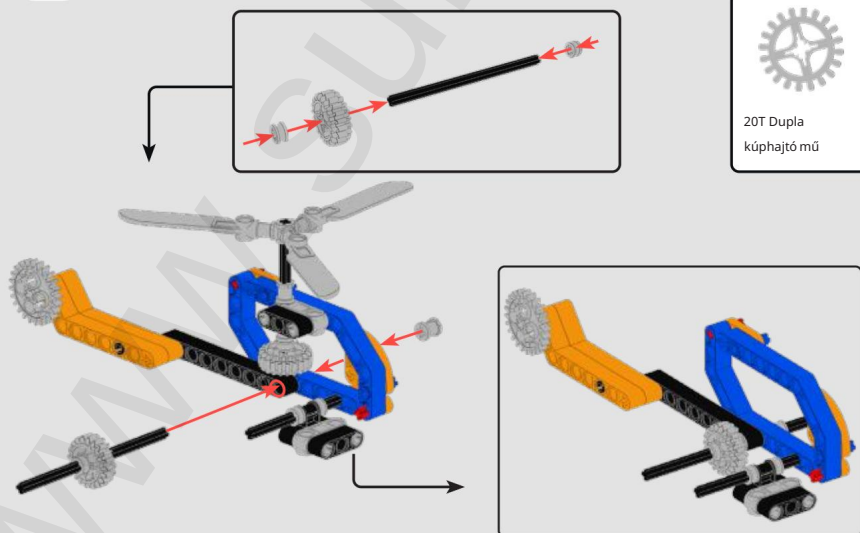
9

1:1

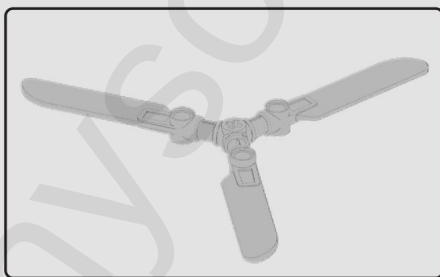
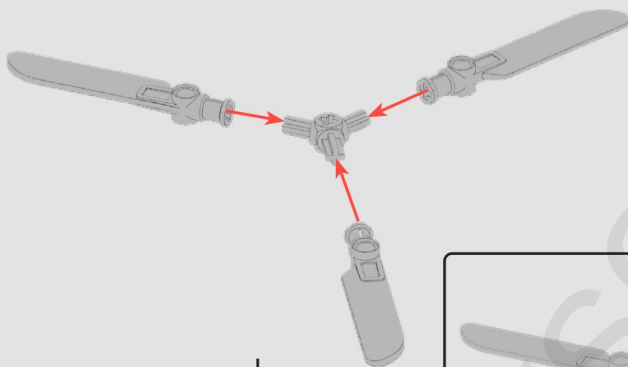
10H orvosság



20T Dupla
kúpajtó mű

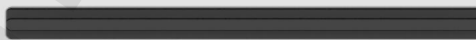


10

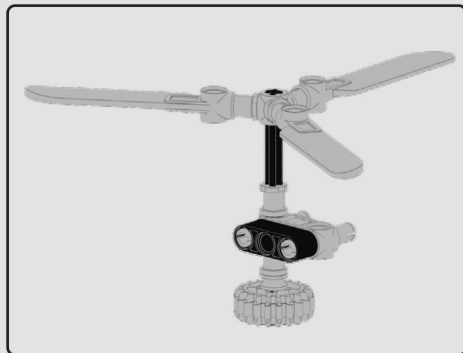
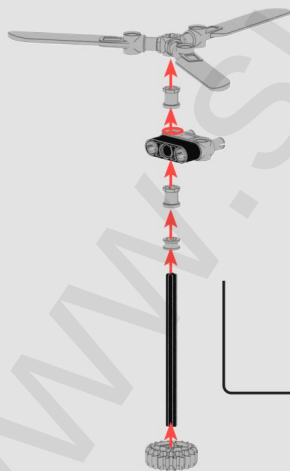


11

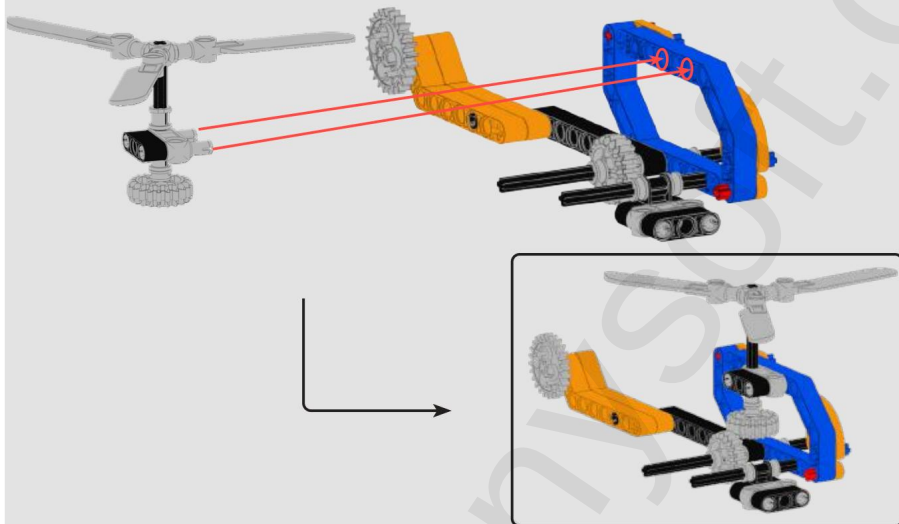
1:1



8H orvosság

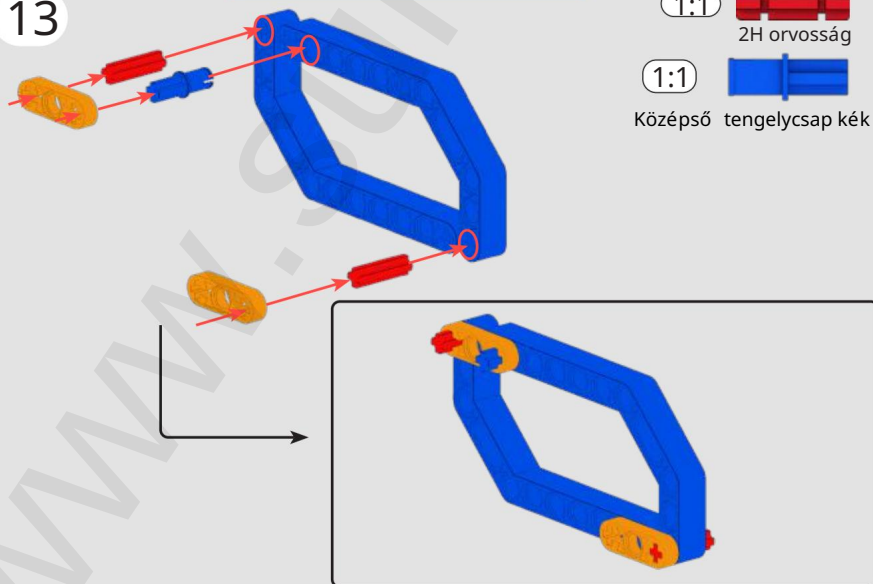


12



Csináljuk a másik oldalt.

13

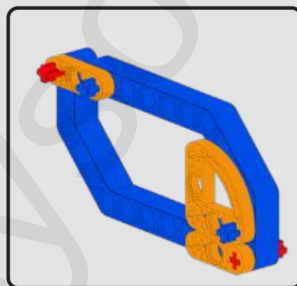
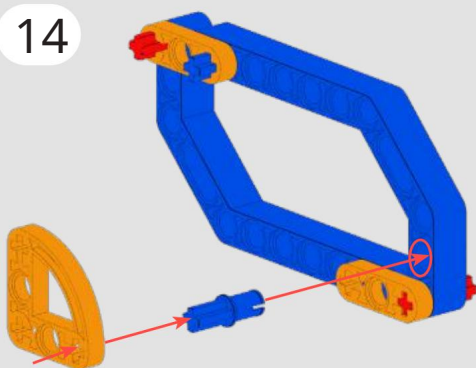


14

1:1

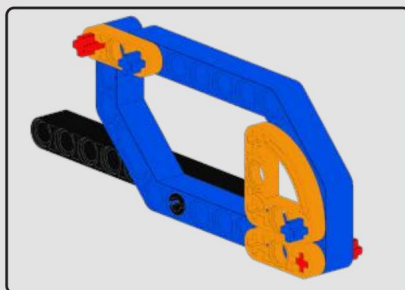
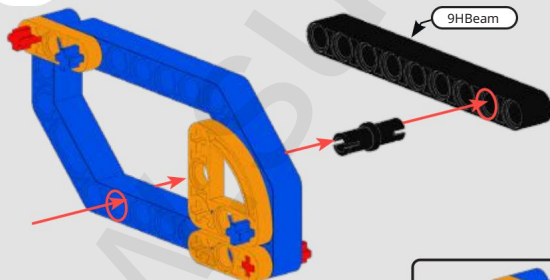


Középső tengelycsap kék

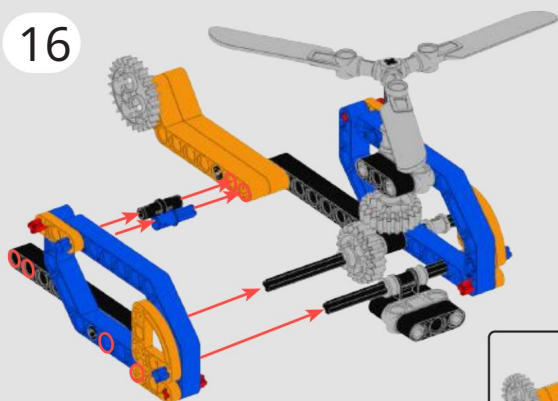


15

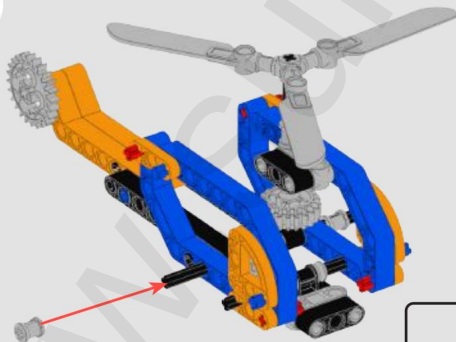
9HBeam

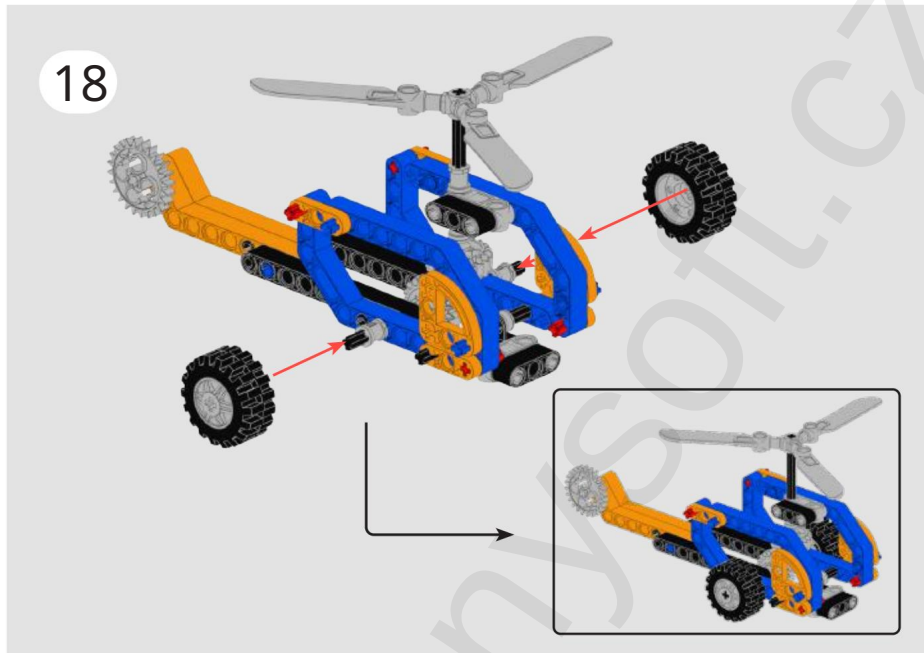


16



17

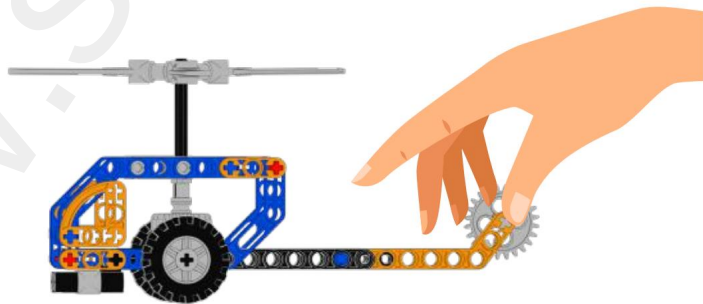




Hogyan kell játszani

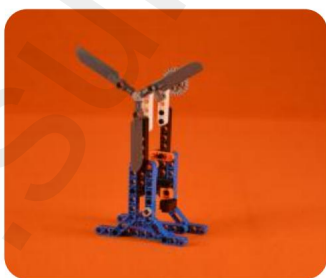


Olvassa be a QR-
kódot, és
töltsse fel projektjét!



Még 5 projekt!

Olvassa be a QR-kódot további öt projekt feloldásához



Robotizáld a robotjaidat!

Motorokat és LED-eket szeretne hozzáadni MREK projektjeihez , és játszani velük egy alkalmazás segítségével? Vásárolja meg a MEX elektronikus csomagot és frissítse készletét!



Szkennelje be és vásárolja meg most



Írd meg nekünk véleményed!

Az Ön visszajelzése növekedésünk középpontjában áll, és szívesen megosztanánk tapasztalatait a világgal. Egyszerűen írja le gondolatait ezen az oldalon, készítsen egy fényképet, jelöljön meg minket, és ossza meg önkéntes történeteiben. #Oszd megélményed #AvishkaarAdventures

Szállító/forgalmazó
Sunnysoft sro
Kovanecka 2390/1a
190 00 Prága 9
Csehország
www.sunnysoft.cz



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avishkaar



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Area, New Delhi 110015

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@AvishkaarEdu

MEX

роботика

Комплект за изследване

Ръководство за

потребителя

РЕШЕНИЕ
ПРОБЛЕММЕХАНИЧЕН
ИЗПЪЛНЕНИЕ

ВАШАТА РЕЧНОСТ



РОБОТИ





„Не мечтая за
Успех, работя по
на въпроса!"

Съдържание

| | |
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| Възползвайте се максимално от вашия комплект | 04 |
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Възползвайте се максимално от вашия комплект

Иновирайте



Положете клетвата на иноватора

Положете Клетвата за новатор, спомената на страница 5, и разберете какво означава тя да бъде новатор.



Научете се да използвате компилация, код и ръководство/ видеоклипове

Следвайте инструкциите стъпка по стъпка в ръководството, за да научите как да създавате вълнуващи работи с вашия комплект.



контрол

Създавайте иновативни проекти с вашите комплекти и контролирайте използваните работи Avishkaar Remote и използване на код Avishkaar Maker Studio.

Споделете



Присъединете се към Нека Авискаар

Присъединете се към нашата FB общност - свържете се с новатори и получите най-новите актуализации за уебинари.



Качване на проекти

Качвайте проекти на www.avishkaar.cc и ги споделяйте с иноватори по целия свят.



Международен състезания

Участвайте в седмични, месечни и годишни състезания и печелете слава по целия свят.



Клетвата на иноватора

Положете клетва за новатор по-долу, за да се ангажирате с доживотен ангажимент за иновации и решаване на проблеми. Споделете снимката във FB общността Let's Avishkaar.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Разгледайте
МОЯТ КОМПЛЕКТ

Добре дошли в Aviskaar

Изтеглете приложението Aviskaar

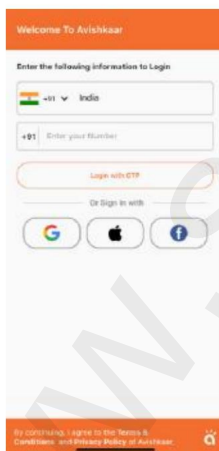
Изтеглете приложението Avishkaar, като сканирате QR кодовете по-долу:



1

Създайте акаунт

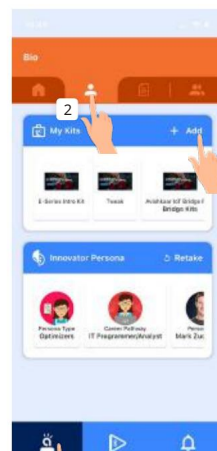
Отворете приложението и следвайте инструкциите на екрана, за да създадете акаунт.



2

Регистрирайте своя комплект

Отидете в секцията „Профил“ в приложението и щракнете върху „+ Добавяне на още“ под „Моите комплекти“, за да регистрирате своя комплект. Тази стъпка е важна за по-късно управление на робота.



Product Registration
Sticker

Проверка на бронята

Кутия 1 (строителни части)

лъч



9Н
лъч
x2



7Н
лъч
x2



5Н
лъч
x4



3Н
лъч
x2

„Забележка: „Н
означава дупки.
напр. 15Н лъч
означава греда с 15
дупки.



2Cx1H
Тънък лъч
x4



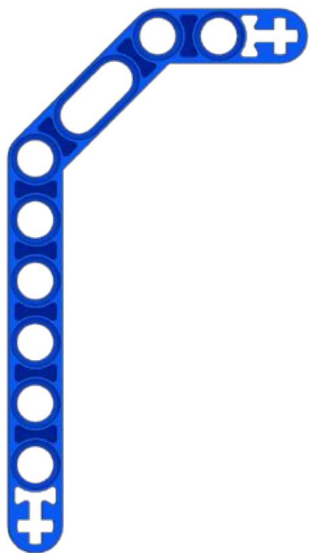
1Cx1H
лъч
x2



3Cx2H
Тънко-D
x2



2C x7H
Обикновено огъване
x2



2Сх10Н Двойна
огъваща
греда х
4

ПЪЛНИТЕЛИ



Пълнеж на ос -
голям х 4



Пълнител на ос - малък
х6

Гребни



Лопата х
3

Трансфер



Зъбно колело-24Т
х 2



20Т двойна
конусна
предавка
х 2

Колело



Малък велосипед
х4

ПИН-ОВЕ



Дълга игла-синя x 2



Среден щифт-черен x15

Щифт на централната
ос - син
x 6 бр

КОНЕКТОРИ



3Нх4 Pin конектор x 2

Конектор с три
оси x 1Три-щифтов
конектор за ос x 21С x 1Н конектор
под прав
ъгъл x 1

Ластик

Ластик x 3
бр

Отваряне

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

ЛЪЧ



33

ЗАБЕЛЕЖКА: Осите са 1 :1 с щампата

слотове () в ръкописа

средство за защита



30

(1)



9

(1)



8

(2)



6

(1)



4H

(2)



3H

(1)

1:1



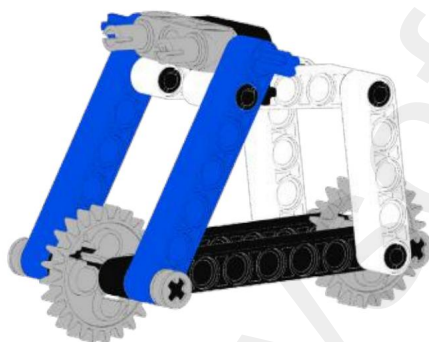
2H

(4)

ВЪЗВРАЩА

Проект 1: планински велосипед МЕХ (МТВ)

Да строим!



Нещата, от които се нуждаем



9Н
Греда x
2



5Н
Греда x
4



3Н
Греда x 1



4Н
Лекарство
x 2



6Н
Лек x 1



Средна
игла-черна
x 4



Щифт на
централната ос
-син x 2



3Нх4Pin
Конектор
x 1



Фронтален
зъбно колело
24Т
x 2



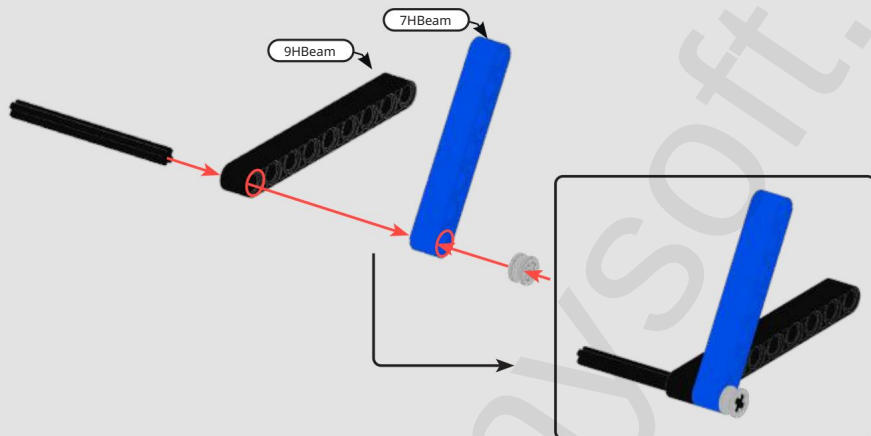
Пълнител
на оси
- малък x 5 бр

СТЪПКИ

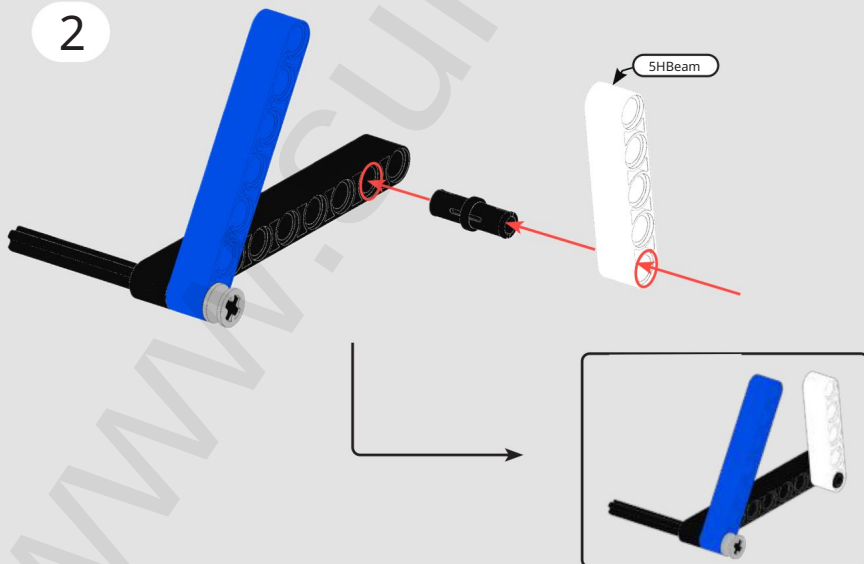
1:1

6H Лекарство

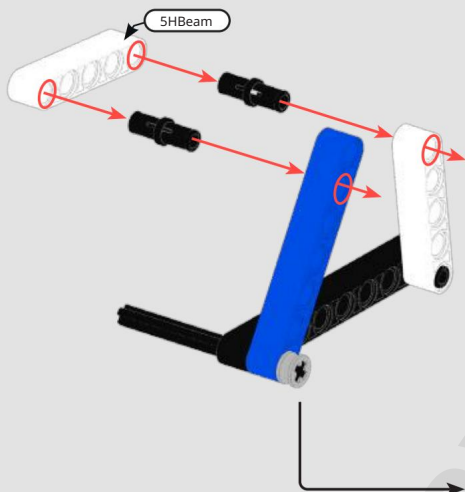
1



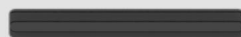
2



3

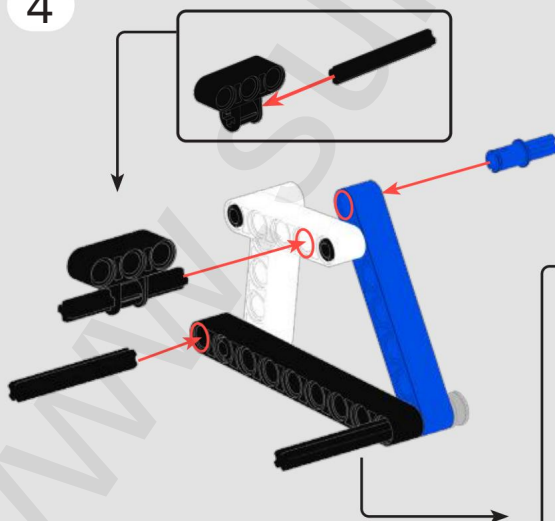


1:1

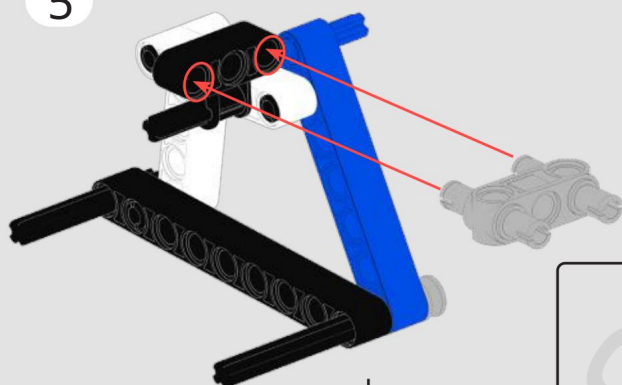


4H Remedy

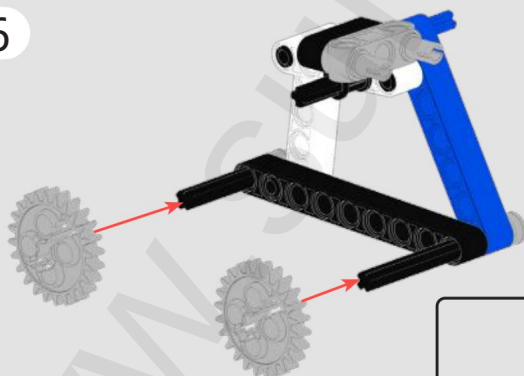
4



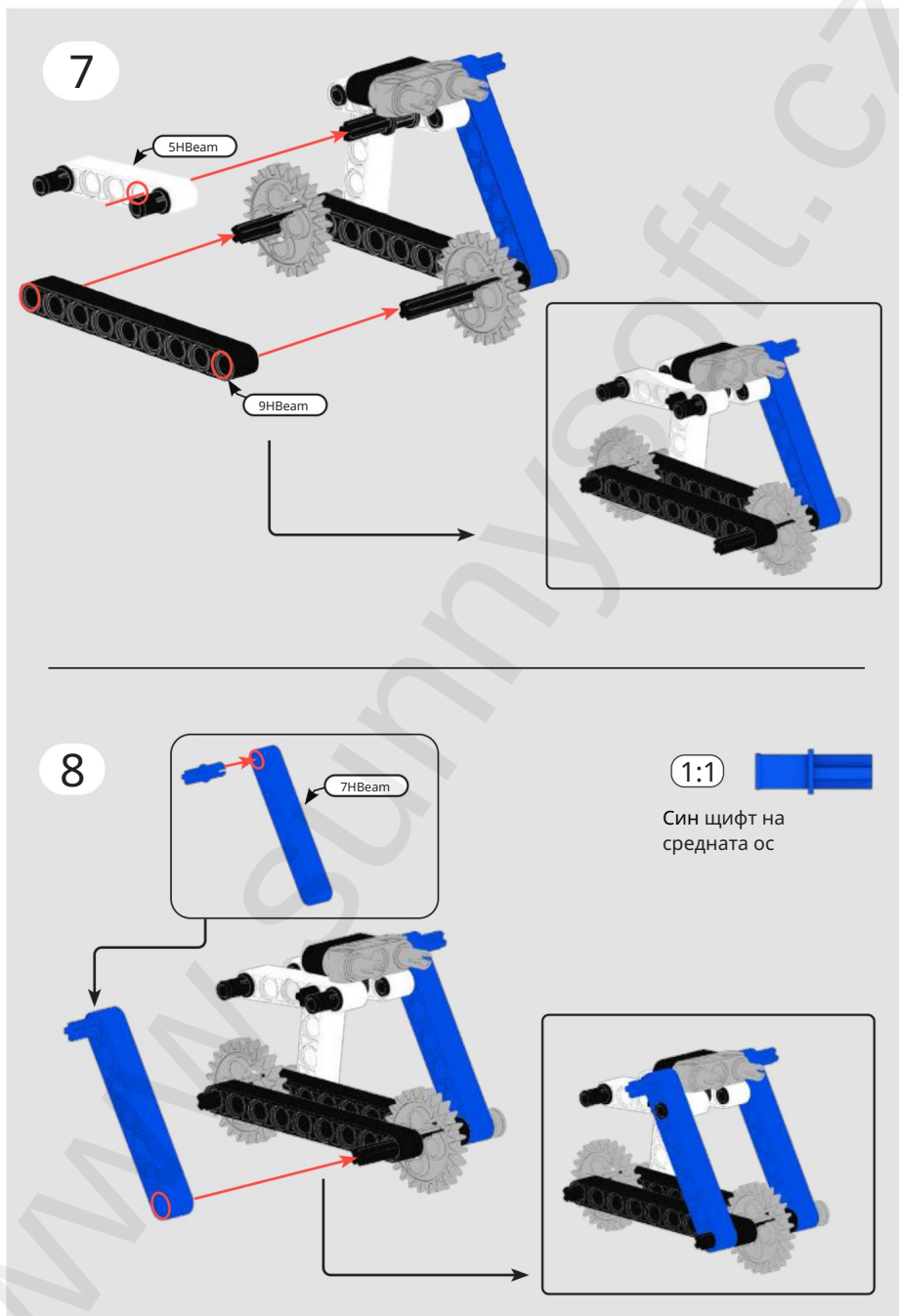
5



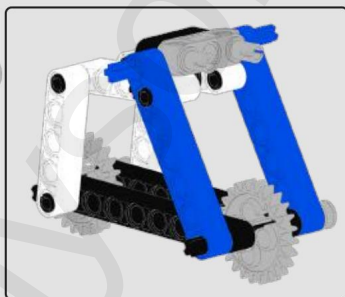
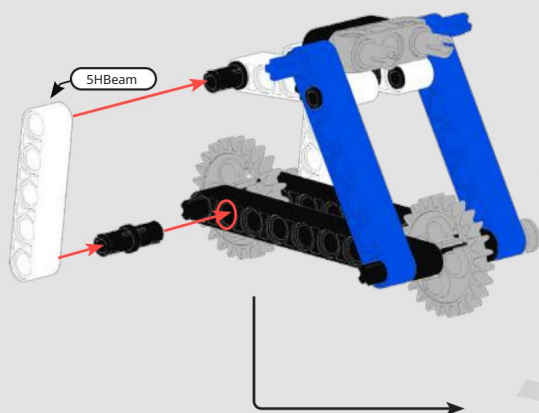
6



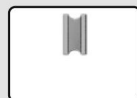
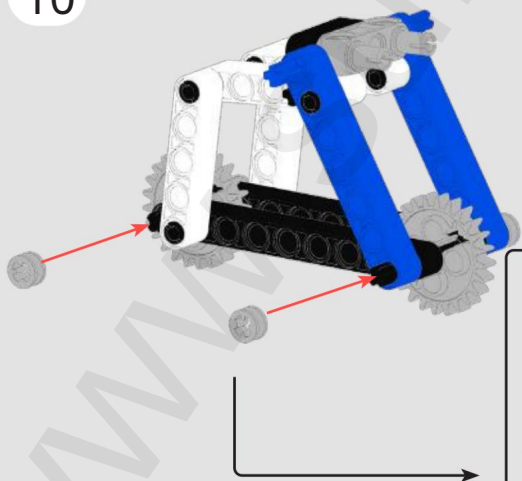
Зъбно колело
~24Т



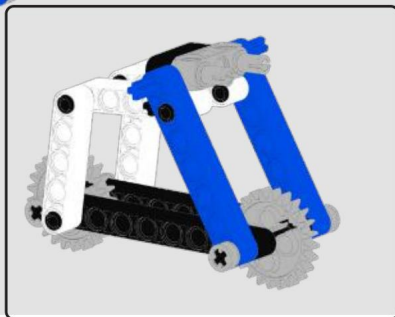
9



10



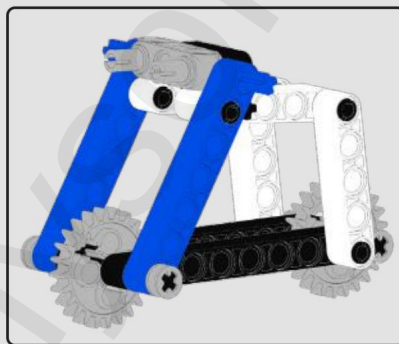
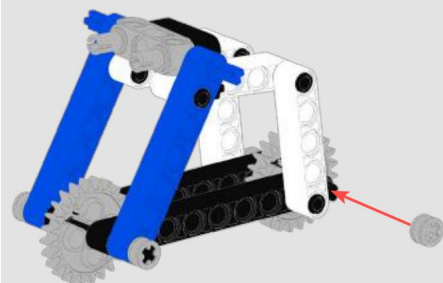
Пълнител на оси - малък



11



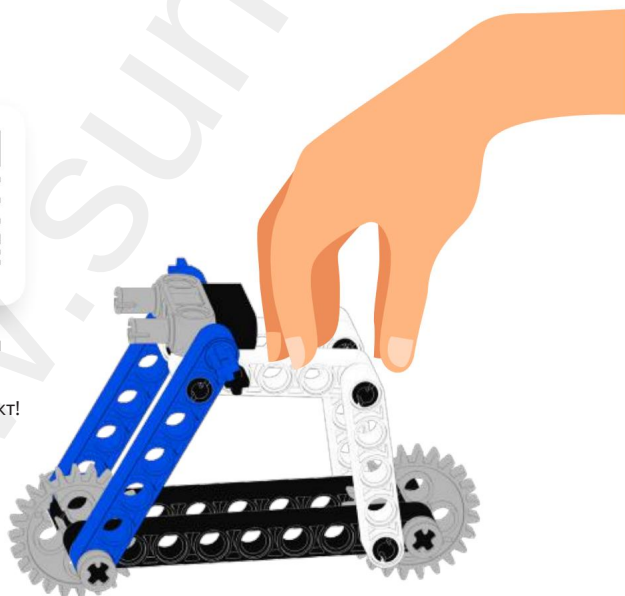
Пълнител на оси - малък



Как се играе

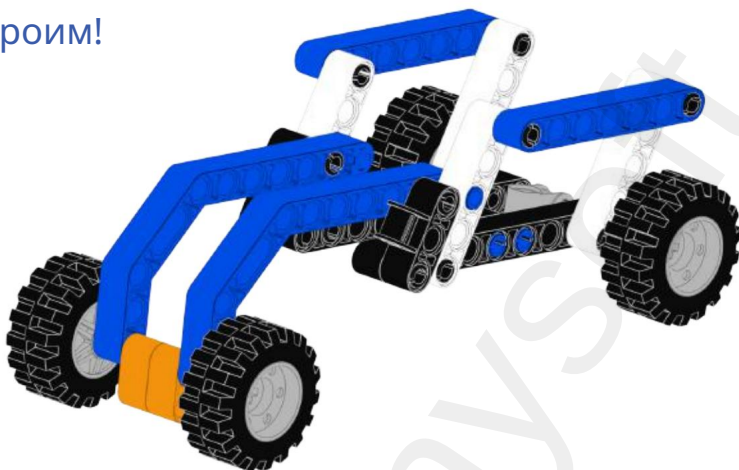


Сканирайте QR и
качете
вашия проект!



Проект 2: Ретро автомобил MEX

Да строим!



Нещата, от които се нуждаем



9Н
лъч
x2



7Н
лъч
x2



5Н
лъч
x4



3Н
лъч
x2



2Сх10Н
Двойно огъване
Греда
x 2



1Сх1Н
лъч
x2



Пин среден
оси-сини
x2



Средна игла черна
x13



Дълги
pin-синьо
x2



3Нх4Pin
Конектор
x2



1Сх1Н
Перпендикулярен
конектор
x 1



Три-щифтов
щифт на
конектора на оста
x 1



6H ос x 1

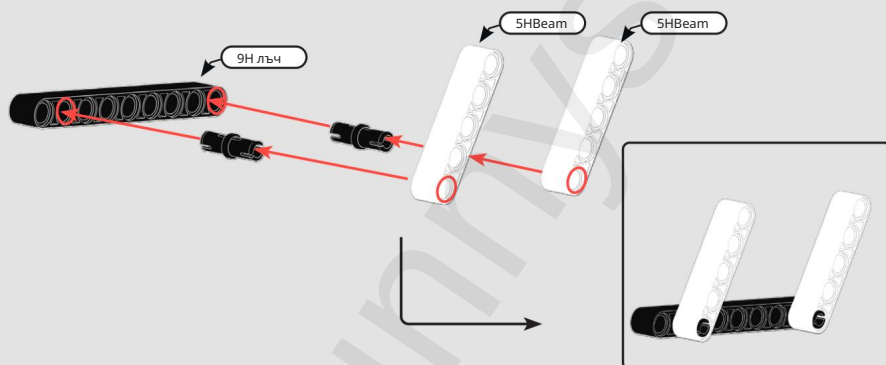


10H ос x 1

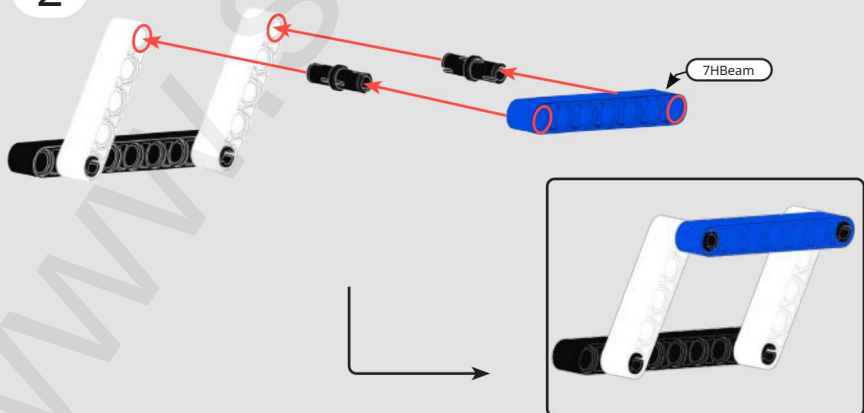
Колело
x4Ластик x 1
бр

СТЪПКИ

1



2

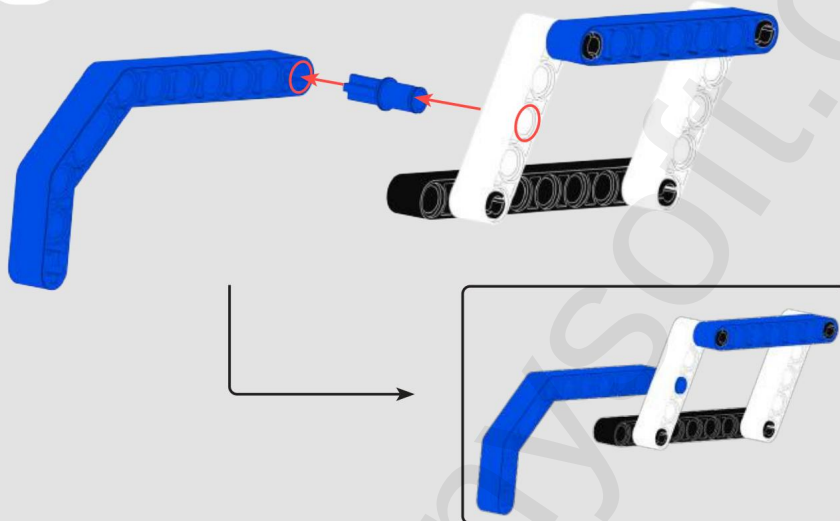


3

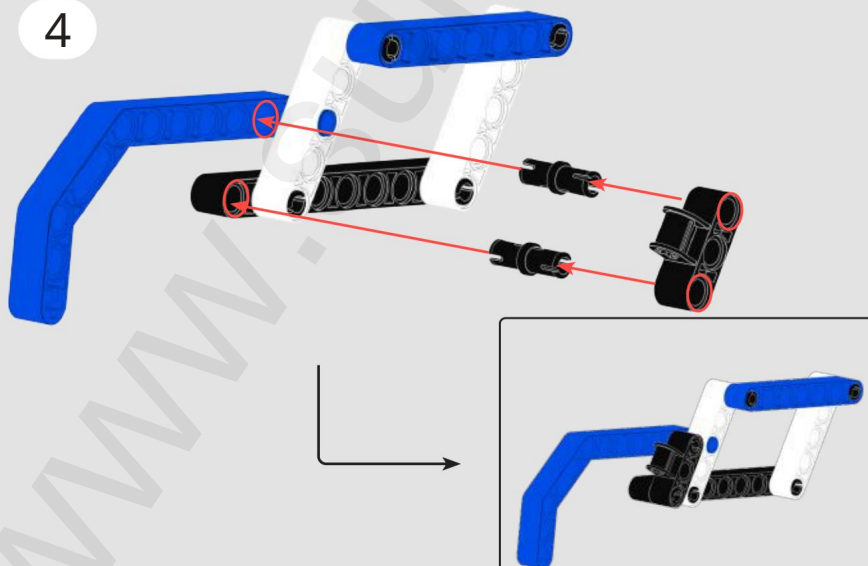
1:1



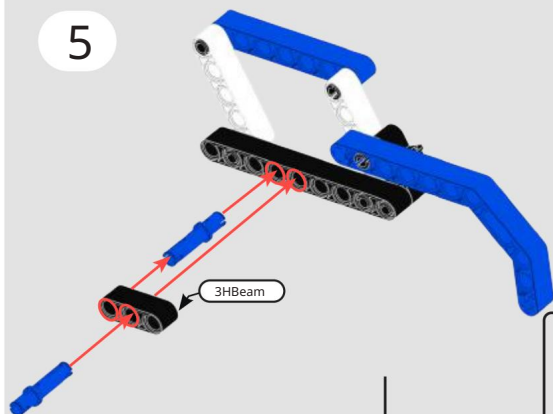
Син щифт на средната ос



4



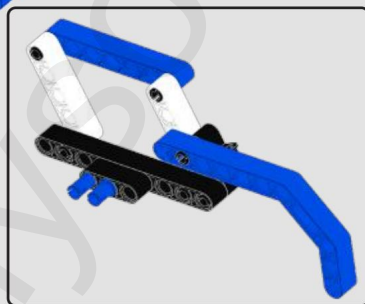
5



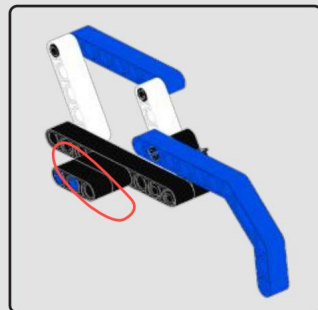
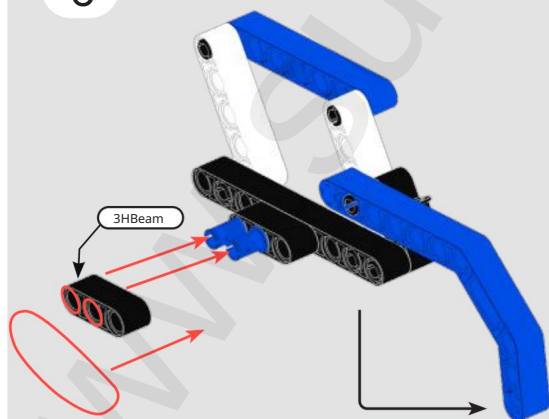
1:1



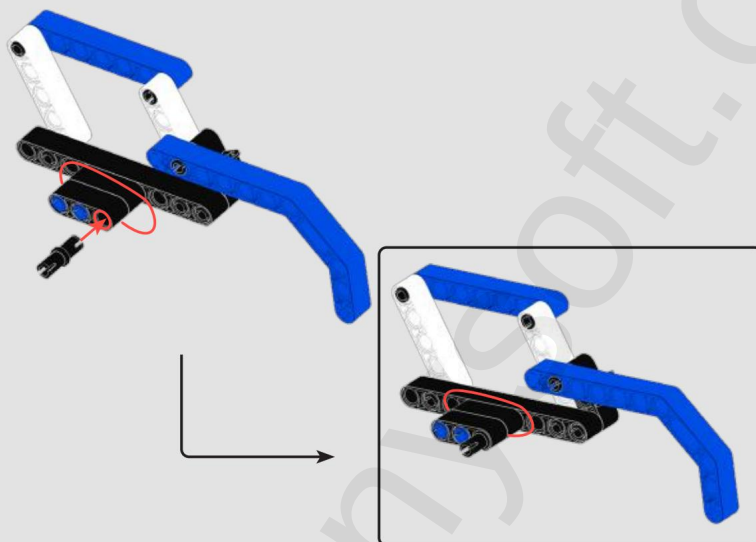
Дълга синя игла



6

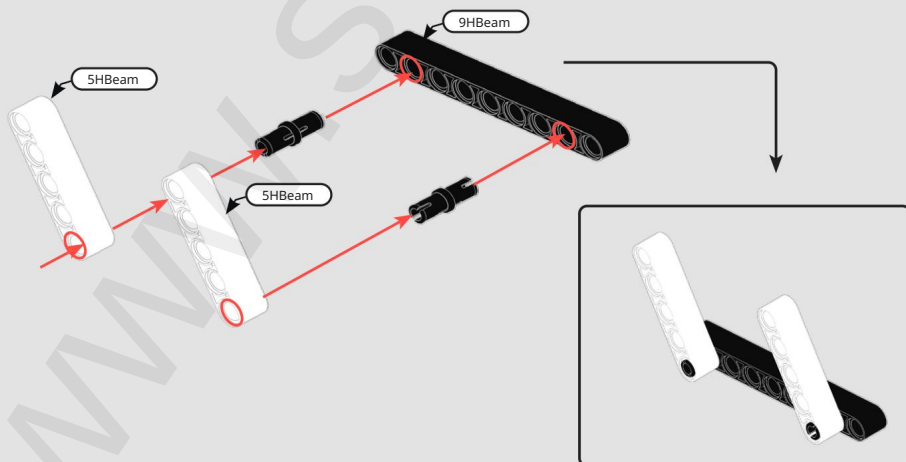


7

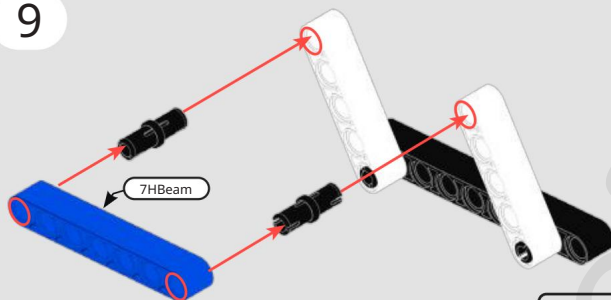


Да направим другата страна.

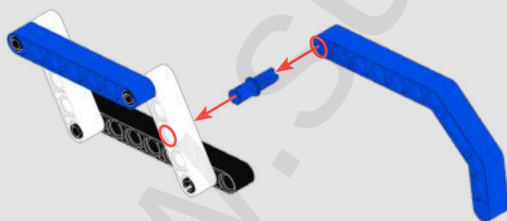
8



9



10



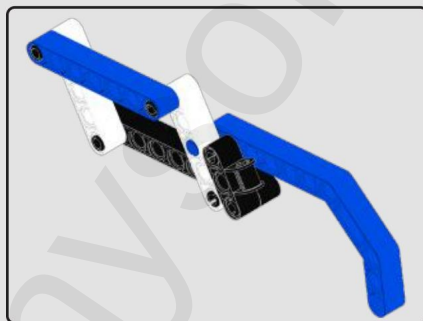
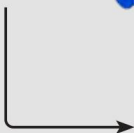
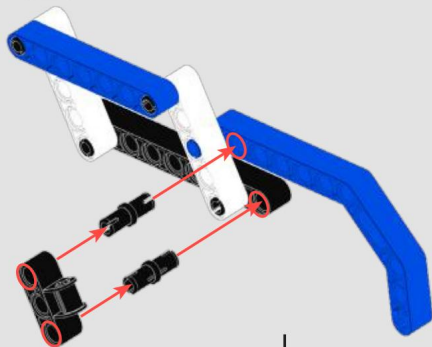
1:1



Син щифт на
средната ос



11

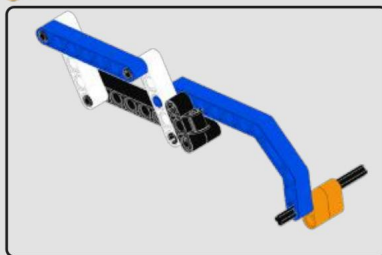


12

1:1



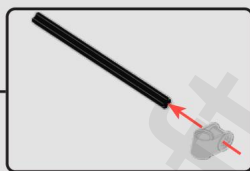
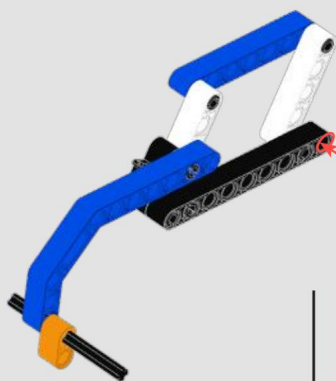
6H Лекарство



13

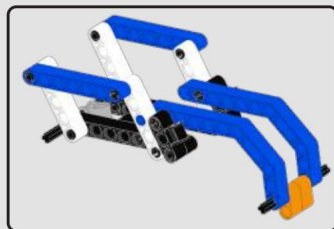
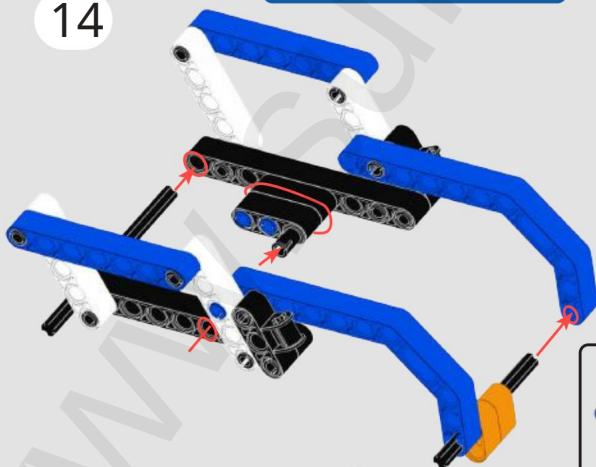
1:1

8Н Лекарство

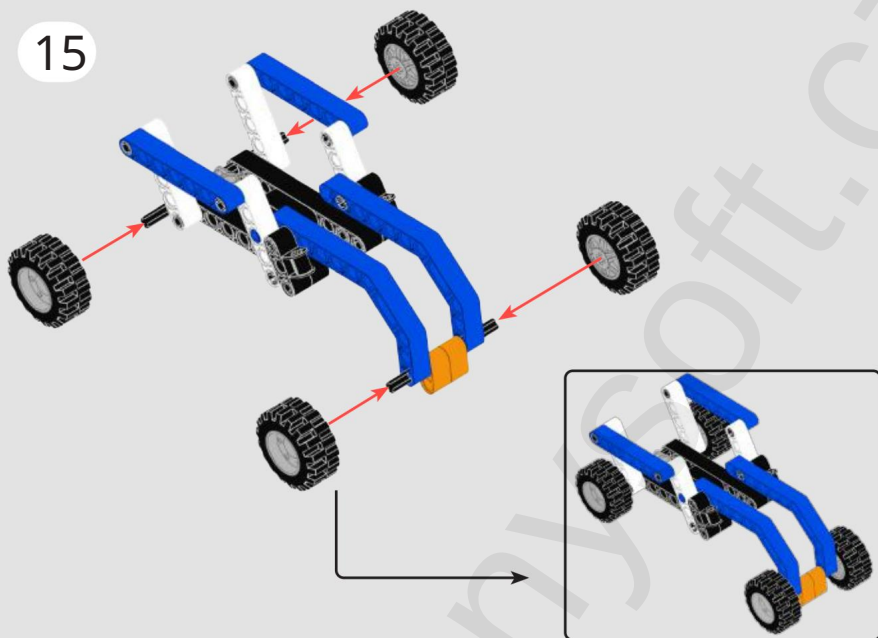


14

Прегъваме двете страни.



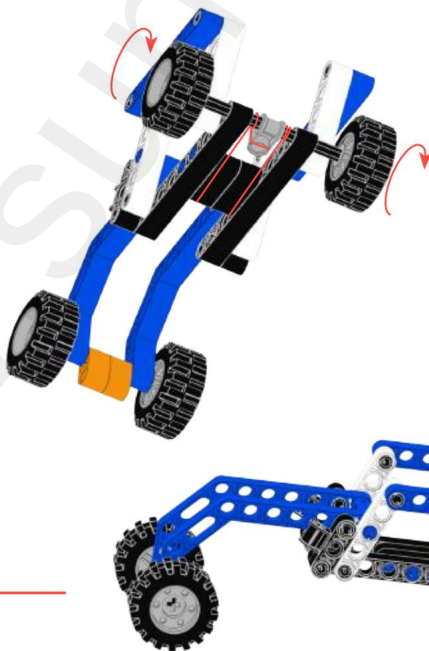
15



Как се играе



Сканирайте QR и
качете
вашия проект!



Проект 3: МЕХ бѝги

Да строим!



Нещата, от които се нуждаем



7Н лѝч
x2



5Н
лѝч
x2



2Сx10Н
Двойна
огъване
лѝч
x2



2Сx7Н
просто
огъване
лѝч x 2



3Сx2Н
Тѝнко-D
x2



1Сx1Н
лѝч
x2



Щифт за
средна
ос - син
x4



Среден щифт -
черен x 4 бр



6Н
средство за защита
x 1



8Н Лекарство
x 1



10Н Лекарство
x 1



Пѝлнеж
оси - големи
x4



Пѝлнеж
оси - малки
x 2 бр



Три-щифтов
сѝединител
на ос
x 1

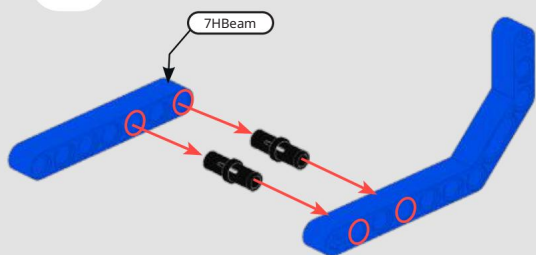


Колело
x4



Ластик
x 1

1

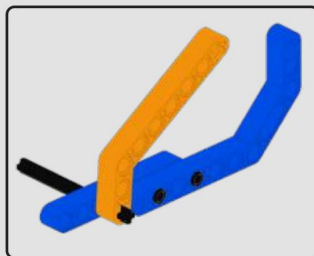
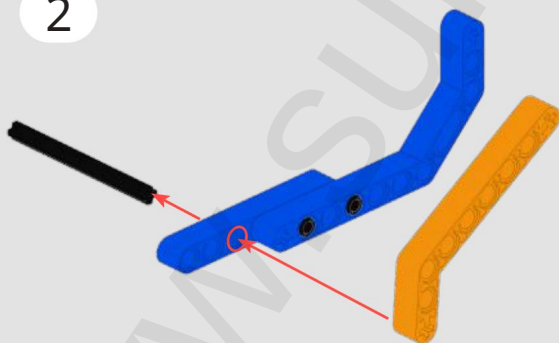


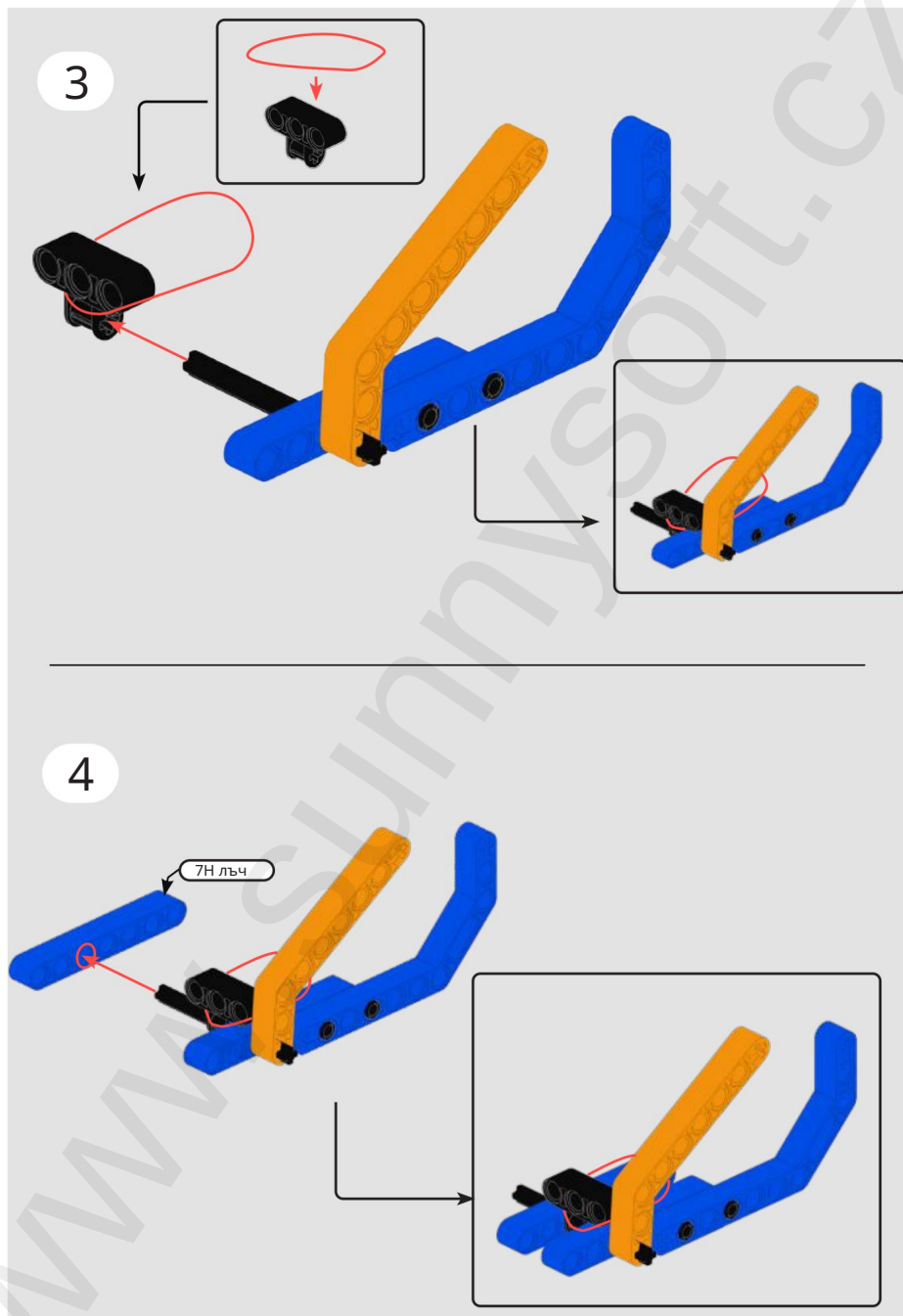
2

1:1



6H Лекарство

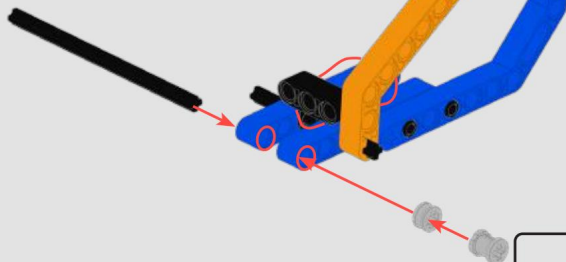




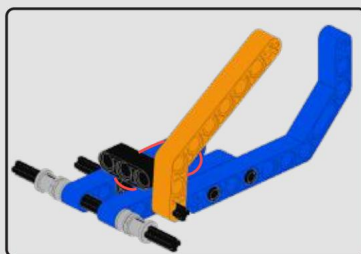
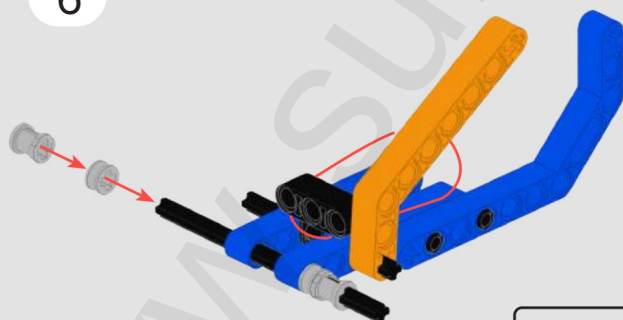
5

1:1

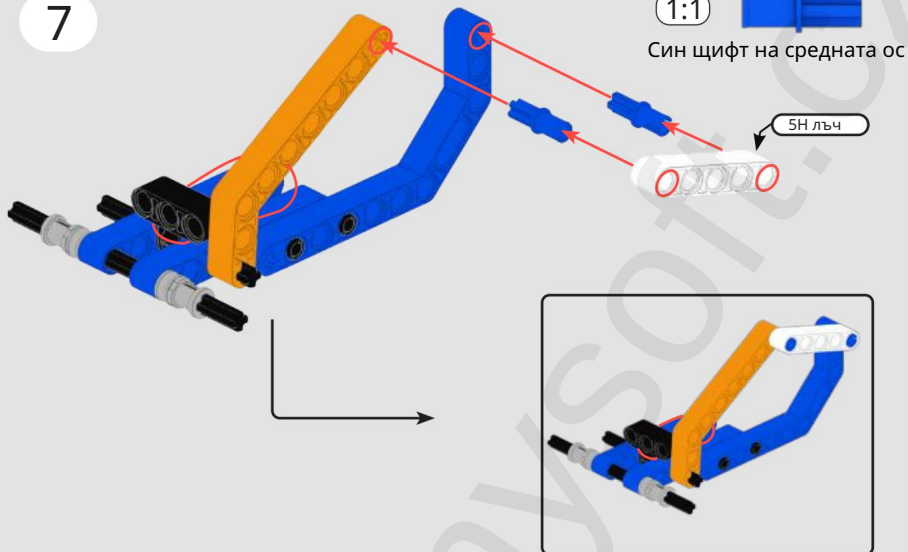
10Н Лекарство



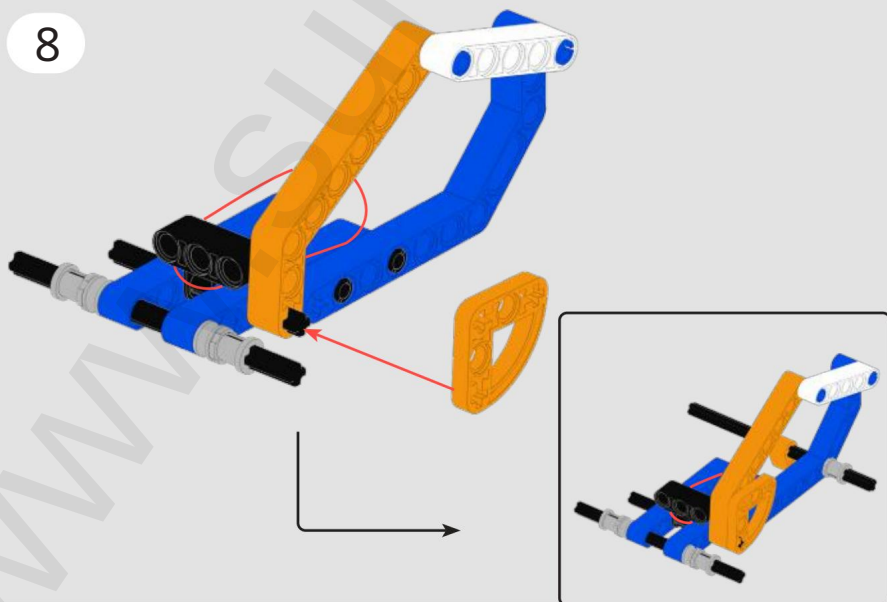
6



7



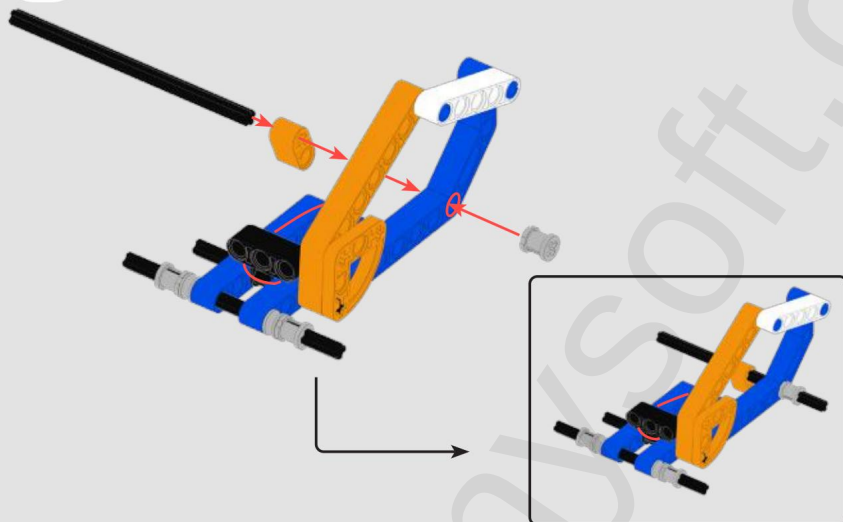
8



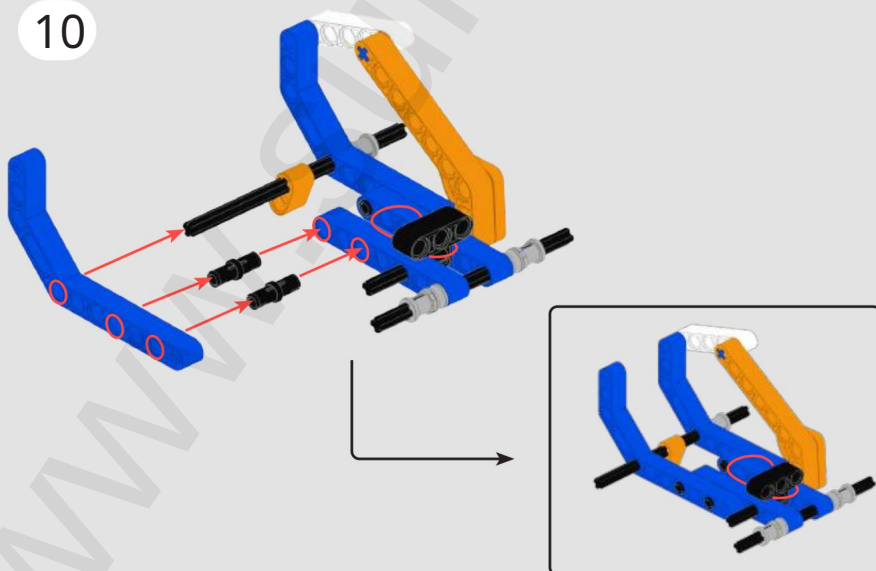
9

1:1

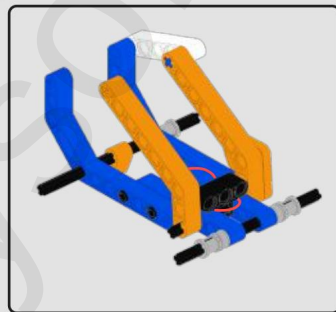
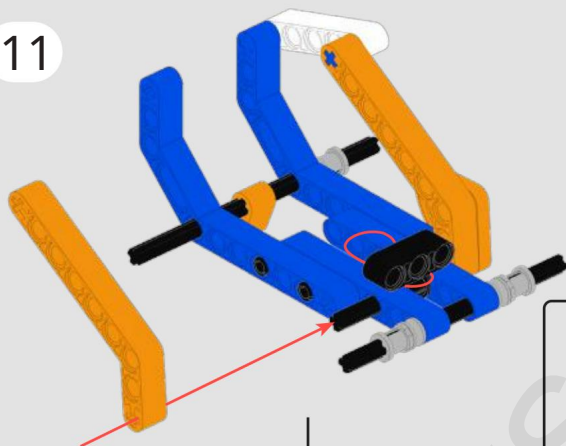
8Н Лекарство



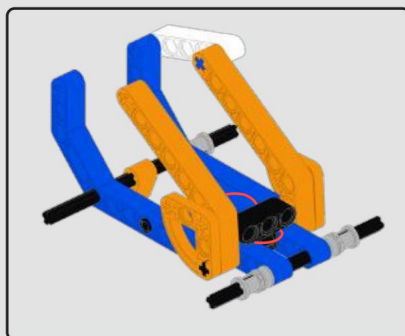
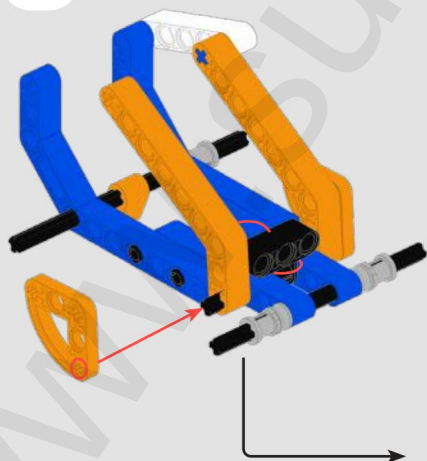
10



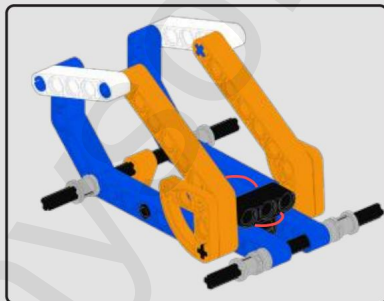
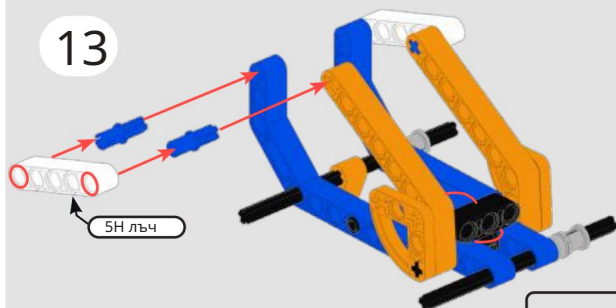
11



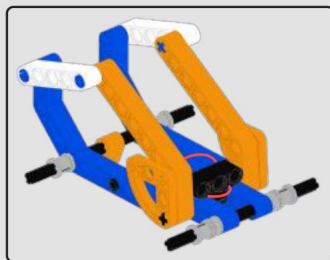
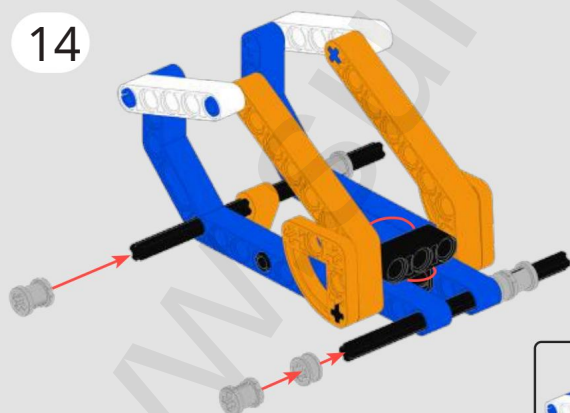
12

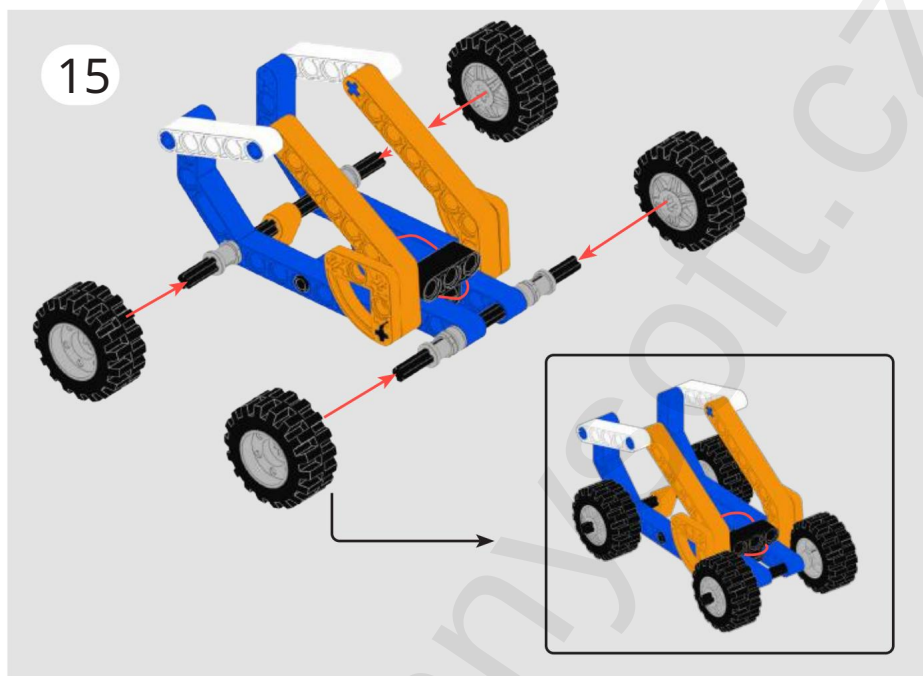


13



14

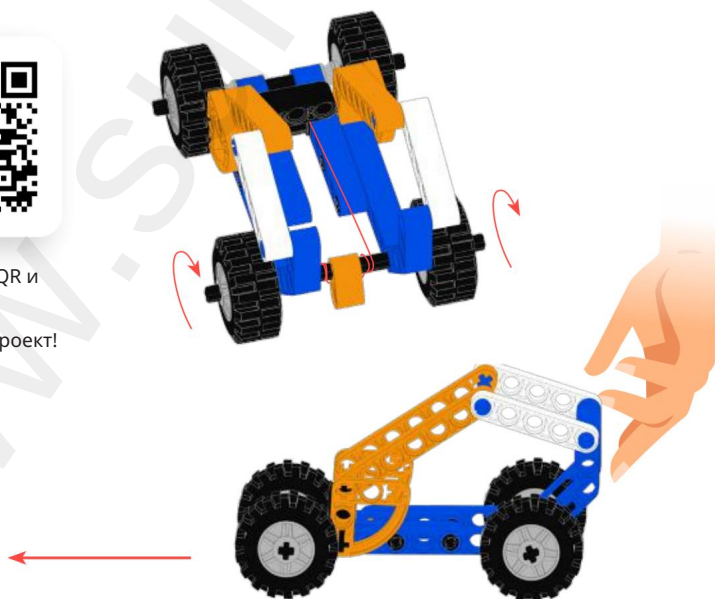




Как се играе



Сканирайте QR и
качете
вашия проект!



Проект 4: Вятърна мелница MAX

Да строим!



Нещата, от които се нуждаем



9Н лъч
x2



5Н лъч
x2



3Н
лъч
x2



2Сx10Н
Двойна
огъване
лъч
x4



2Сx1Н
Тънък
лъч
x2



1Сx1Н
лъч
x2



2Н
средство за защита
x4



8Н
средство за защита
x 1



10Н
средство за защита
x 1



Гребни
x3



Тройна
конектор
оси
x1



Пълнеж
оси -
малки
x5



Среден
PinBlack x
14



20Т Double
коничен
зацепване
x 1



Пълнеж
оси-големи
x4



Три-щифтов
конектор
за ос x 1



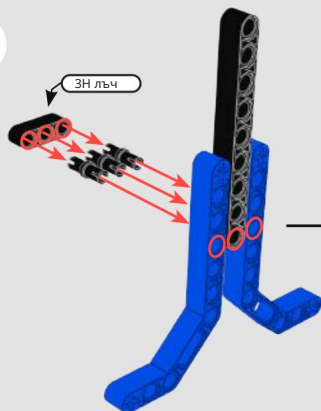
1Cx1H

Перпендикуларен съединител
x 1

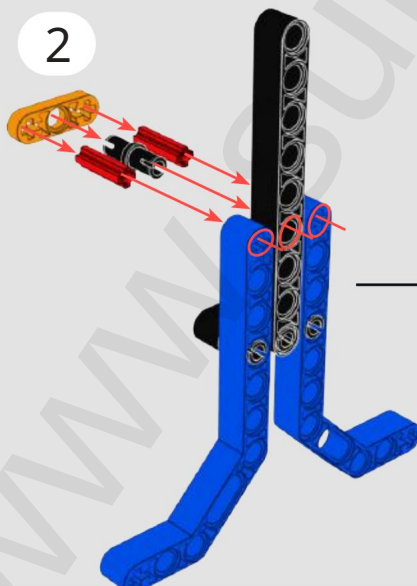


Ластик x 1
бр

1



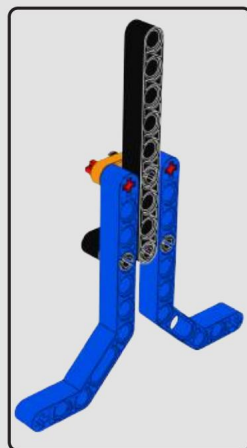
2



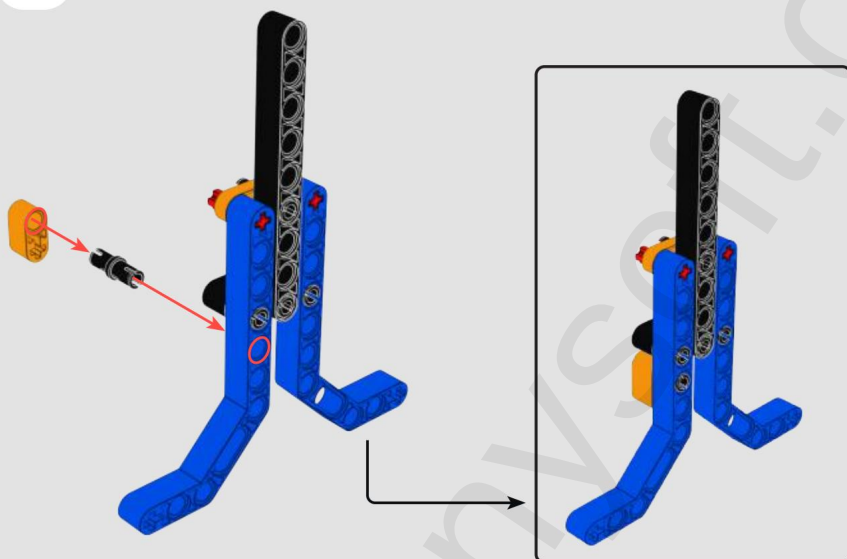
1:1



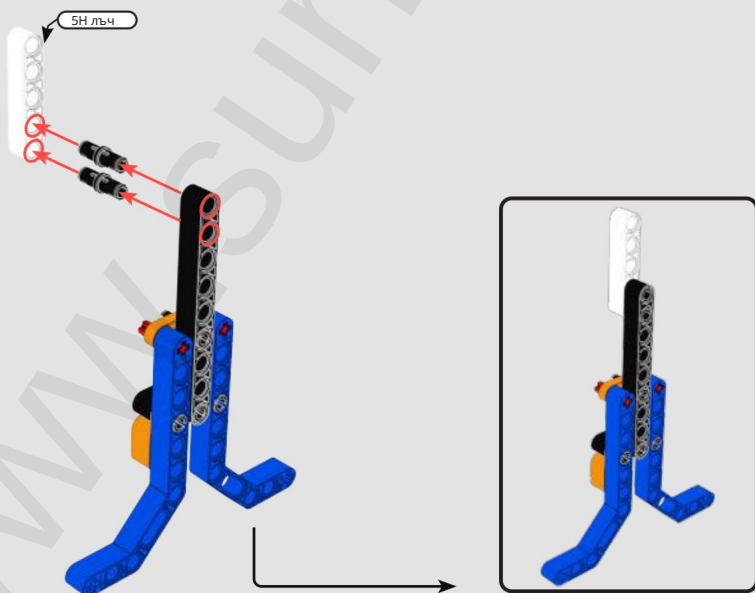
2Н средство



3

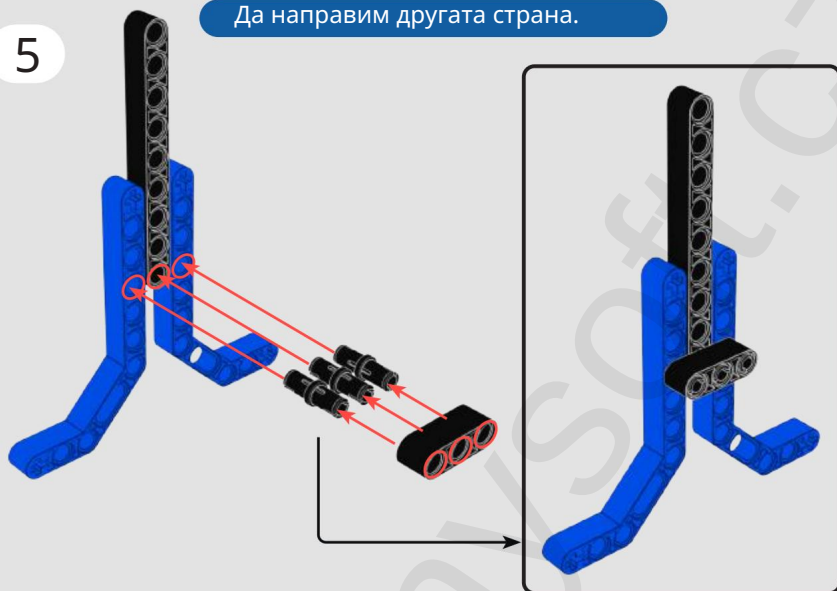


4



5

Да направим другата страна.

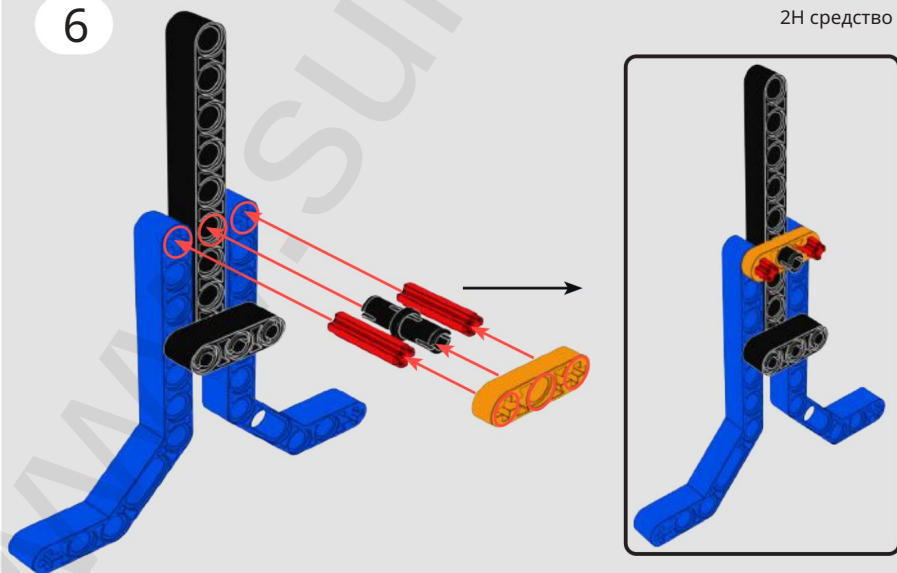


6

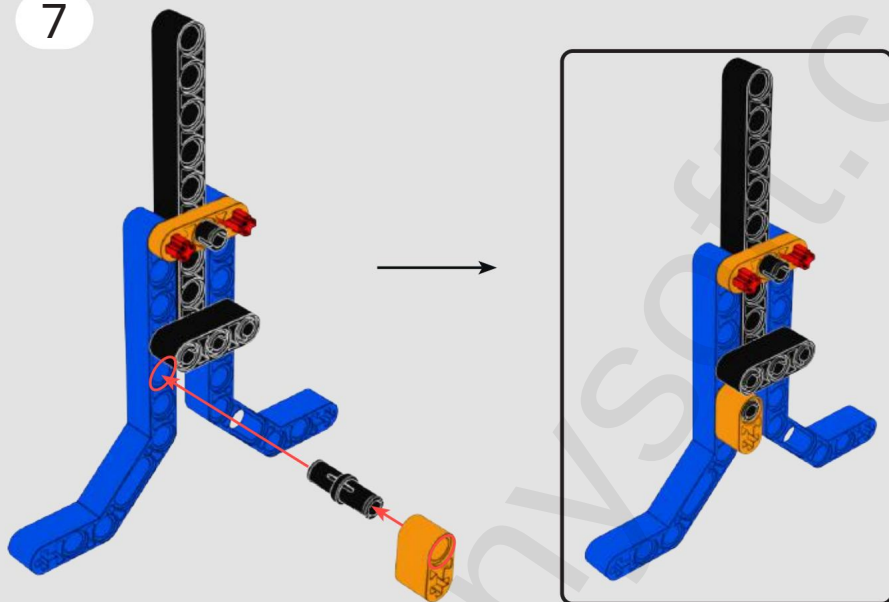
1:1



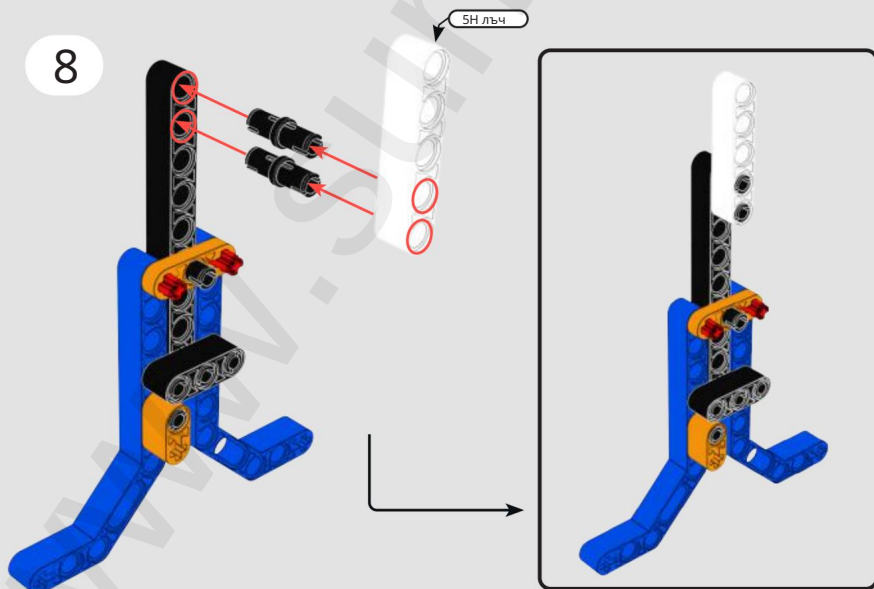
2H средство



7



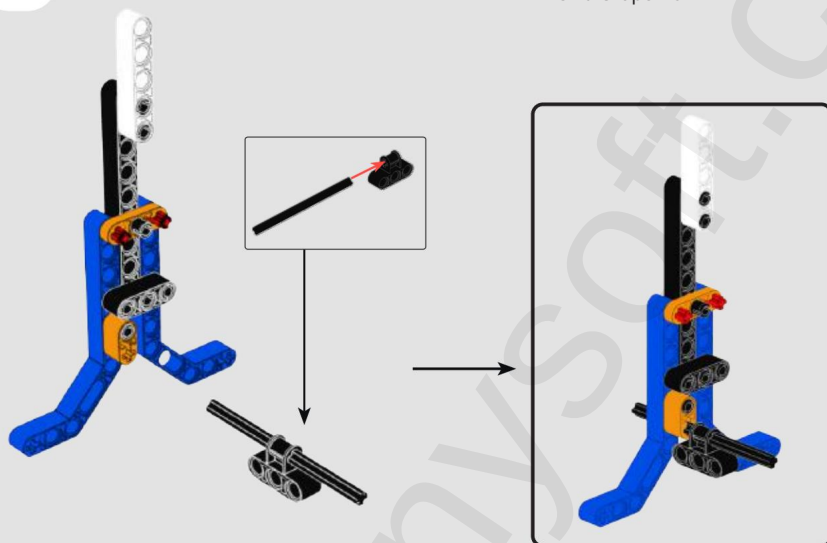
8



9

1:1

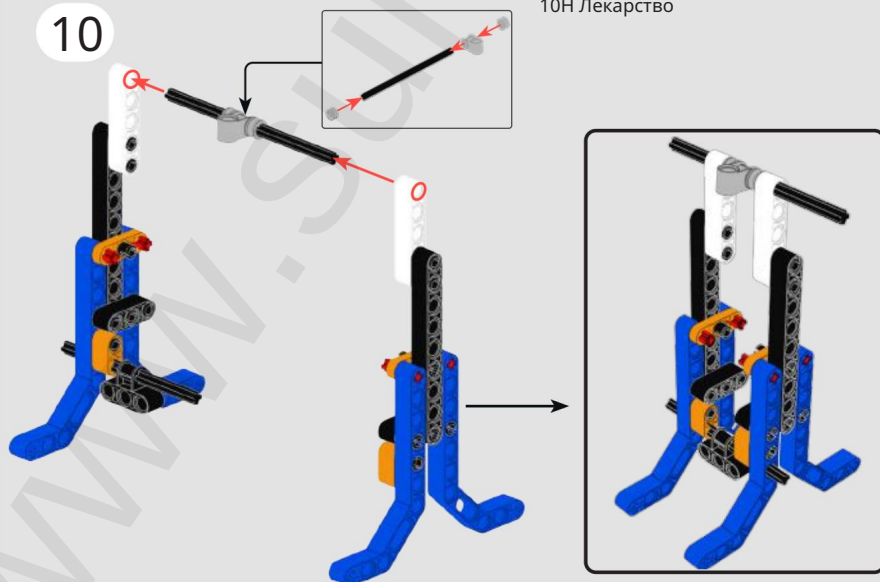
8Н Лекарство



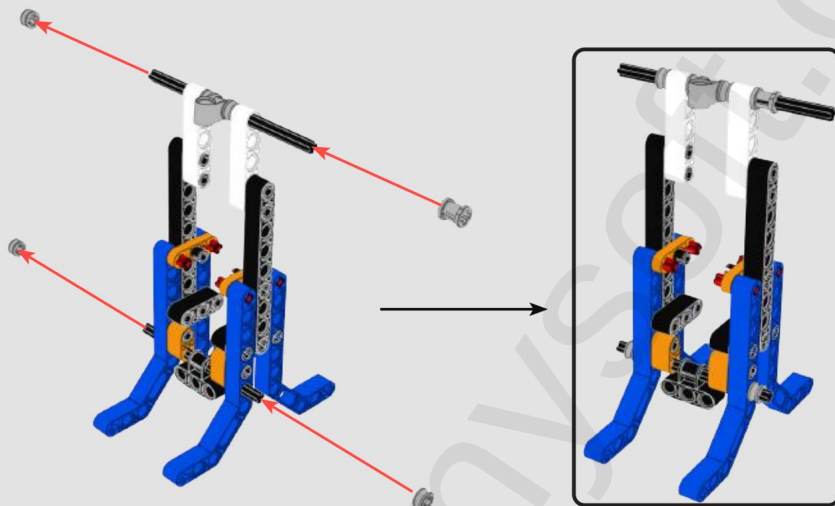
1:1

10Н Лекарство

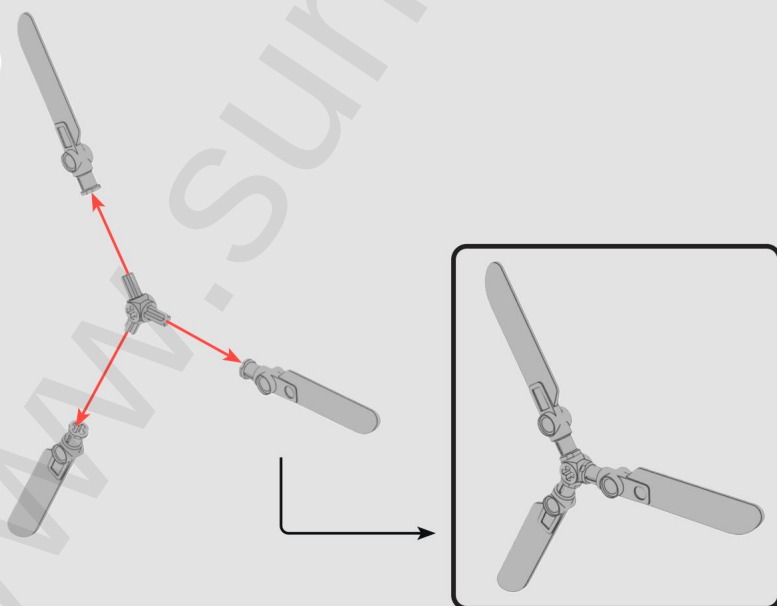
10



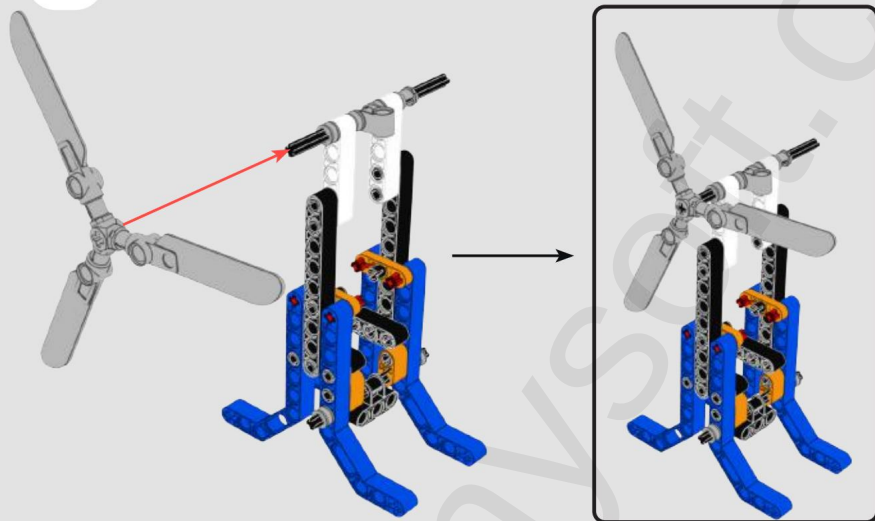
11



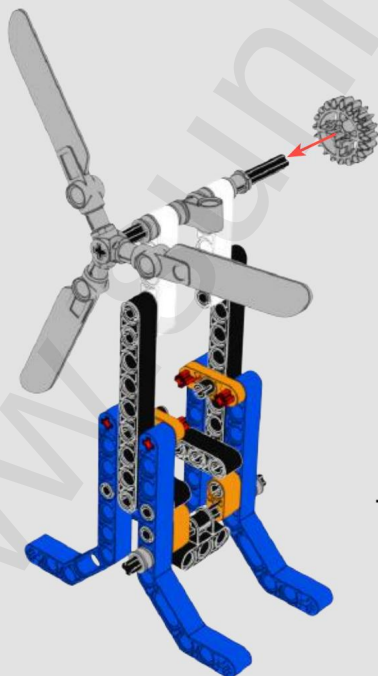
12



1213

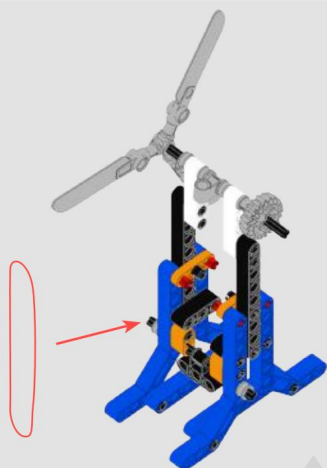


14



20Т двойна
конусна
предавка

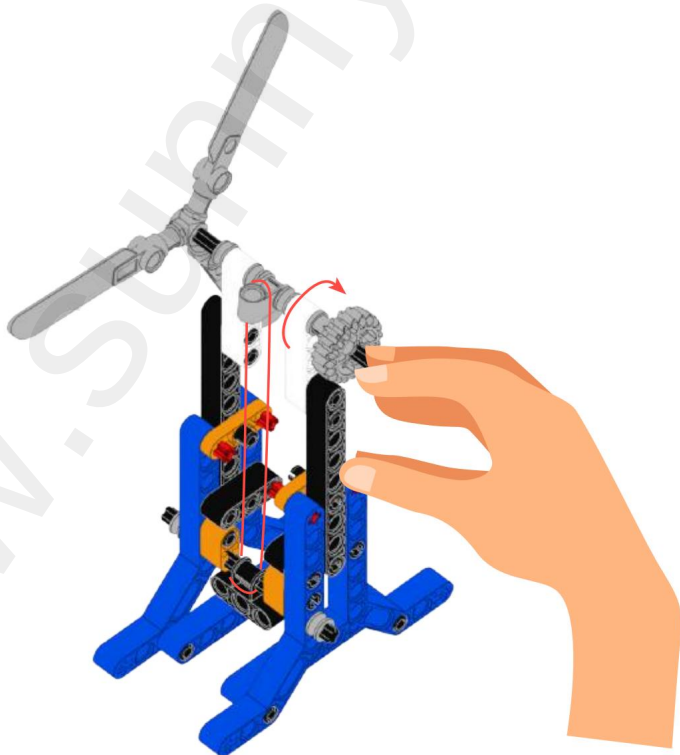
1416



Как се играе

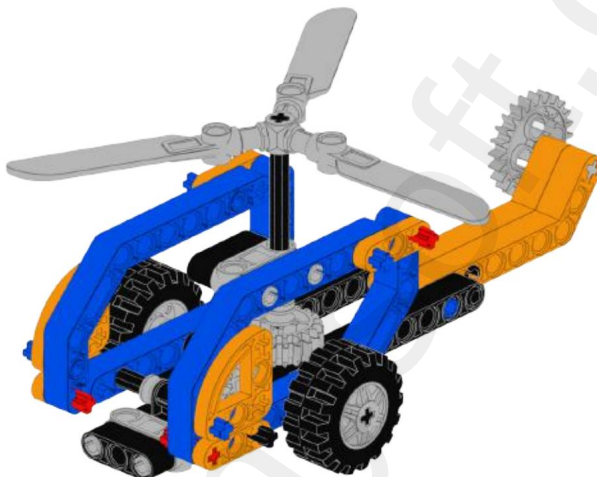


Сканирайте QR и
качете
вашия проект!



Проект 5: Хеликоптер МЕХ

Да строим!



Нещата, от които се нуждаем



9Н
лъч
x2



3Н
лъч
x2



2Сх10Н
Двойно огъване
лъч
x4



2Сх7Н
Една
огъваща
греда x 2



3Сх2Н
Тънко-D
x2



2Сх1Н
тънък
лъч
x2



2Н средство
x4



8Н
средство за защита
x 1



3Н
средство за защита
x 1



10Н
средство за защита
x 1



Среден
pin-черно
x5



Пин среден
оси-сини

x4
46



3Hx4Pin
Конектор
x2



Пълнител на оси -
малък
x5



Пълнеж
ОСИ-
големи
x4



Гребни
x3



Триосов конектор
x1



Перпендикулярен
щифтов
конектор на ос x 1



20T Double
коничен
зацепване
x2



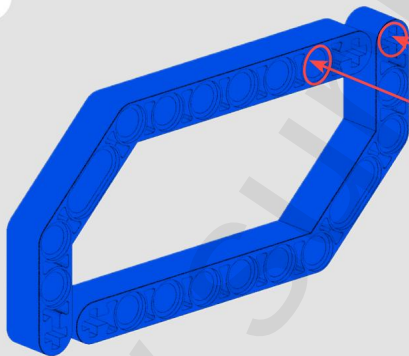
Фронтален
зъбно колело
24Т x 1



Колело
x4

СТЪПКИ

1



1:1

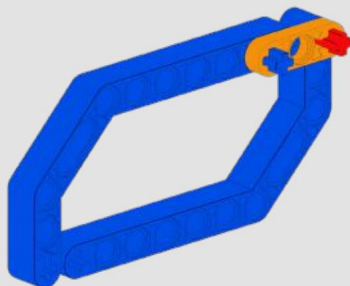


2H средство

1:1



Син щифт на централната ос

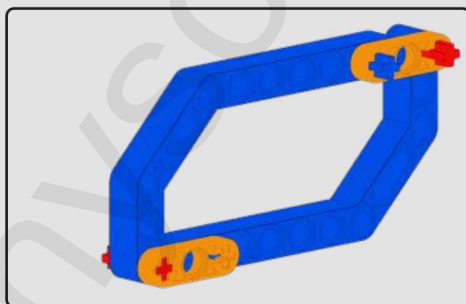
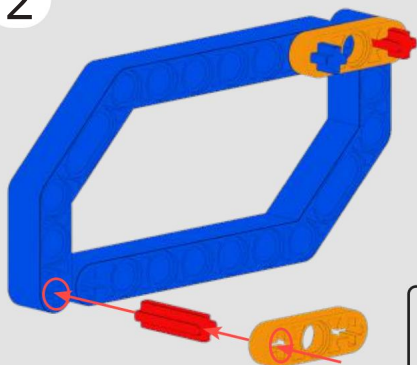


2

1:1



2H средство

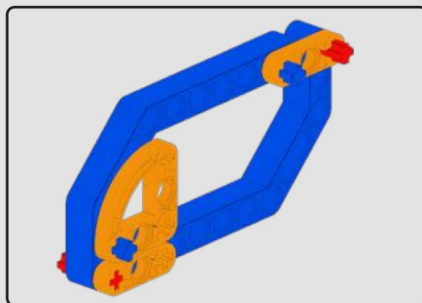
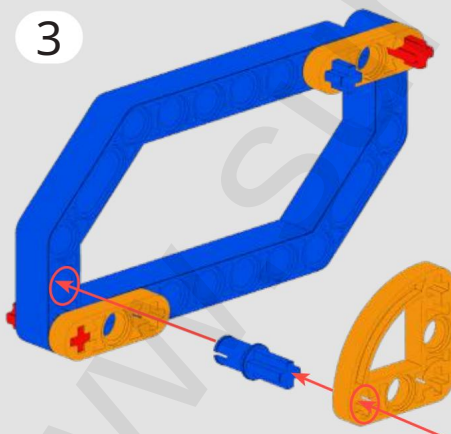


3

1:1



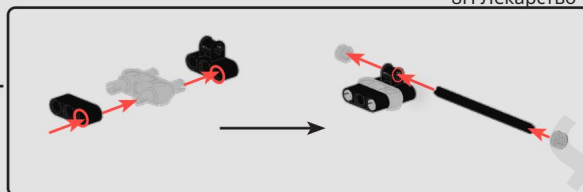
Син щифт на централната ос



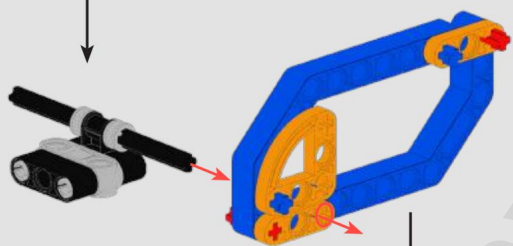
4

1:1

8Н Лекарство

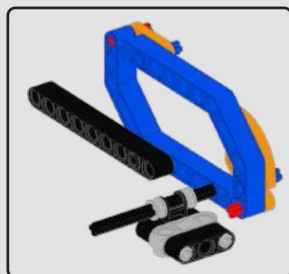
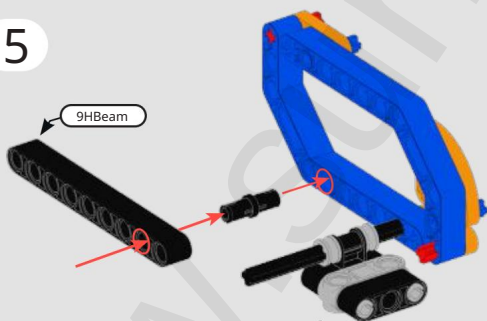


Пълнител на оси - малък



5

9H Beam



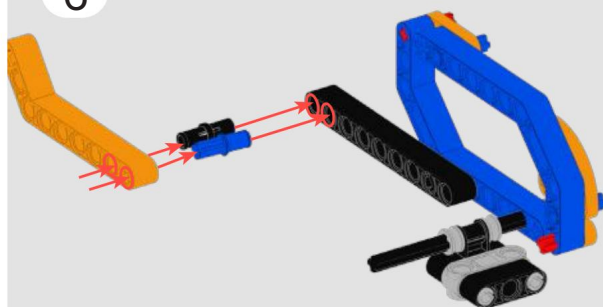
Съвет за сглобяване



Черните средни щифтове могат да бъдат малко трудни за поставяне!
Но не се безпокойте. Натиснете ги и се уверете, че връзката е стегната.
Използвайте малко сила :-).



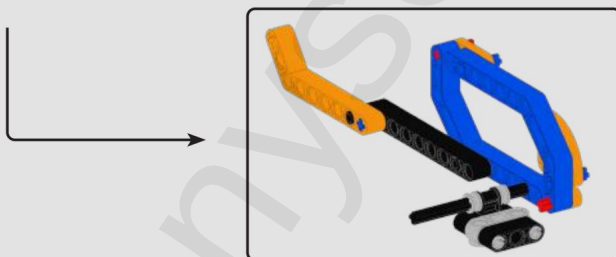
6



1:1



Син щифт на централната ос



7



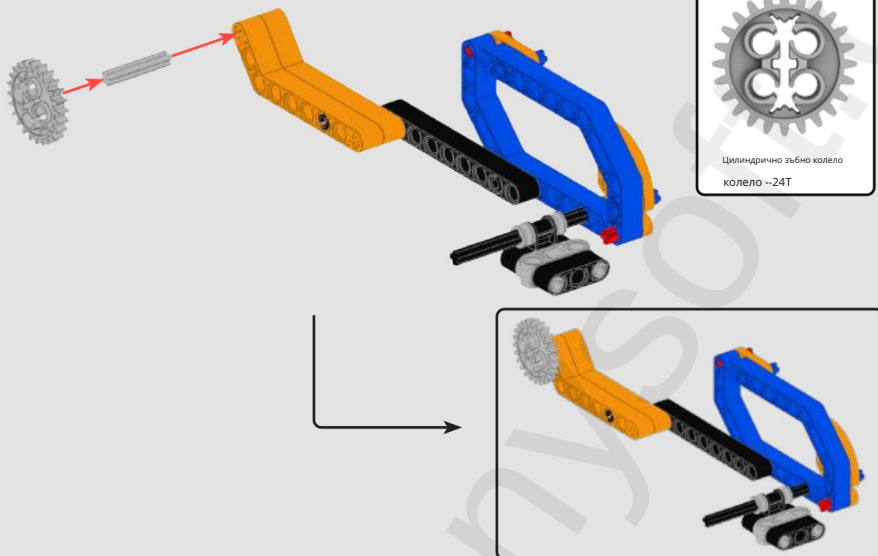
8

1:1

3Н средство



Цилиндрично зъбно колело
колело ~24Т



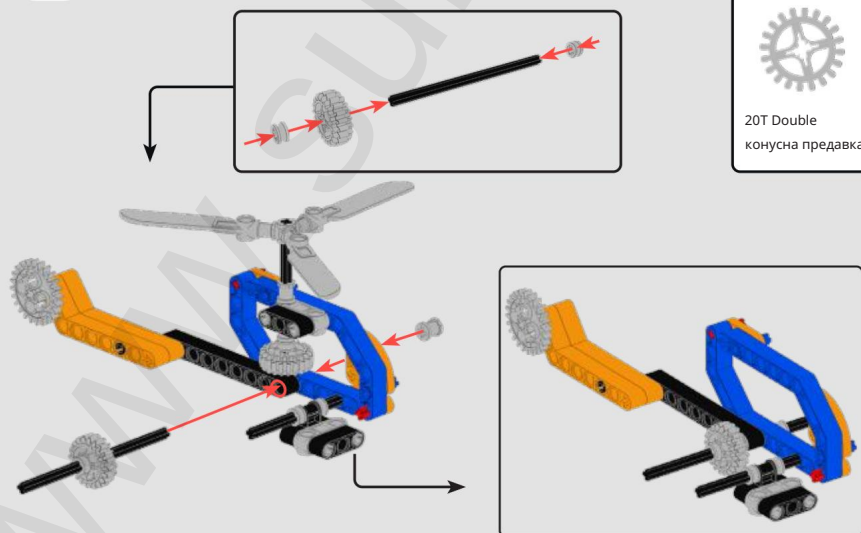
9

1:1

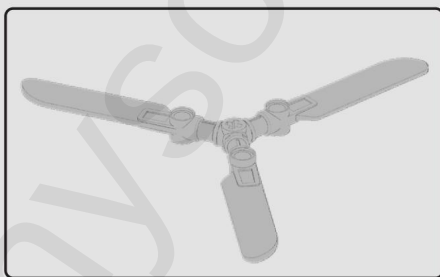
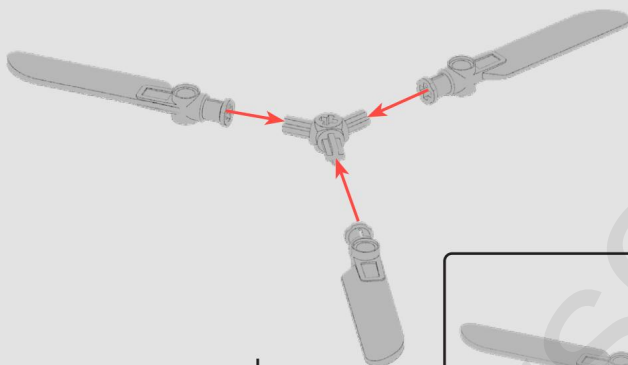
10Н Лекарство



20T Double
конусна предавка

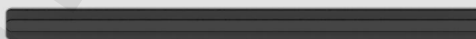


10

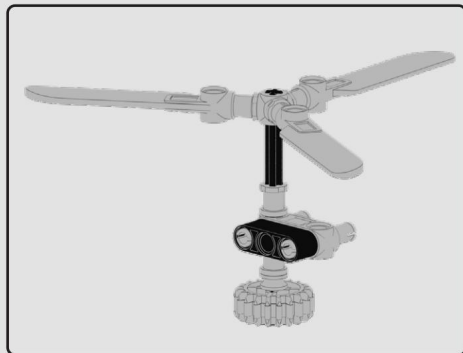
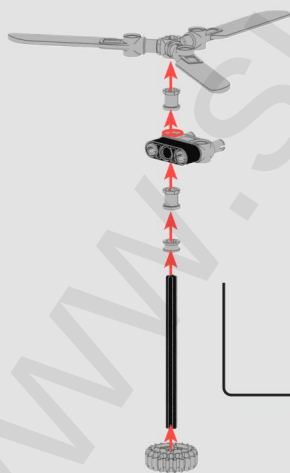


11

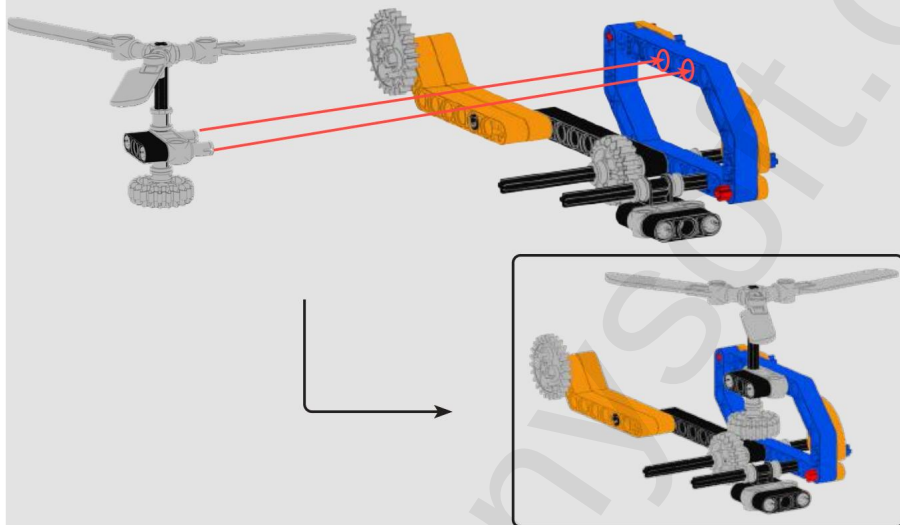
1:1



8Н Лекарство

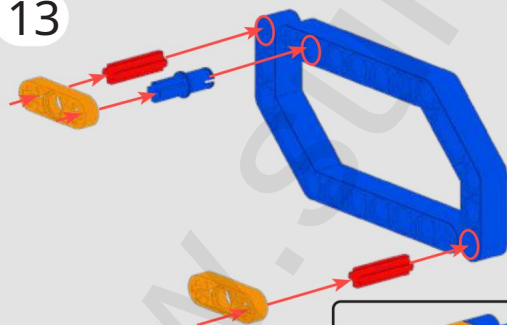


12



Да направим другата страна.

13



(1:1)



2H средство

(1:1)



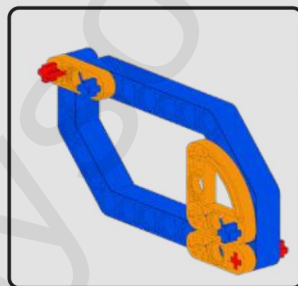
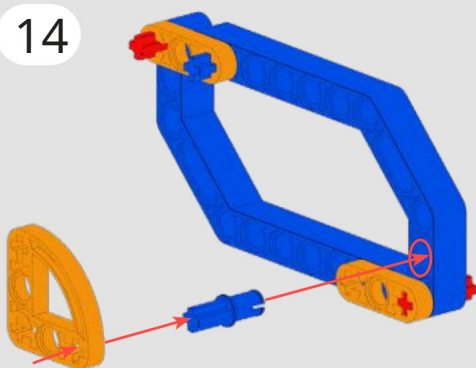
Син щифт на централната ос

14

1:1

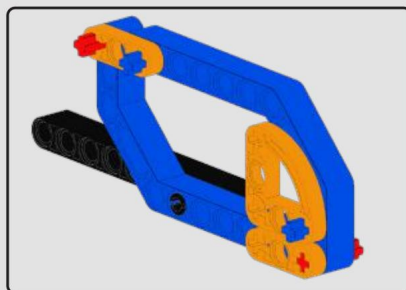
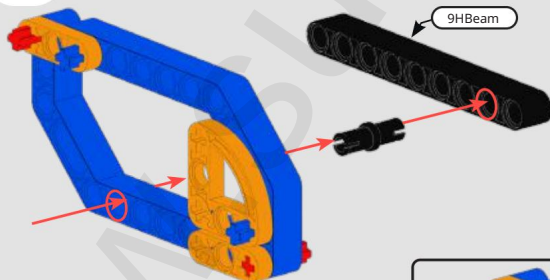


Син щифт на централната ос

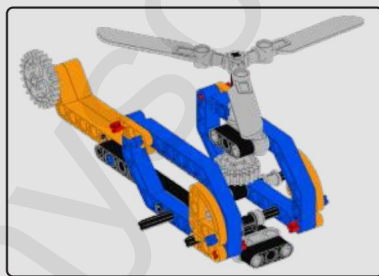
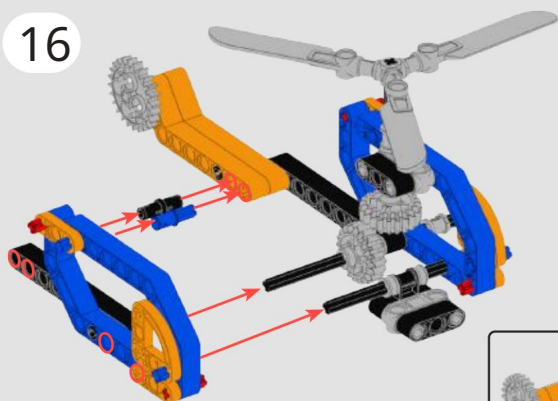


15

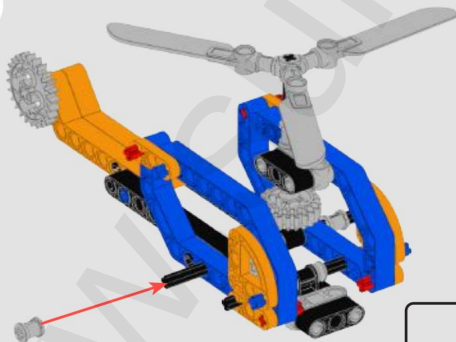
9HBeam

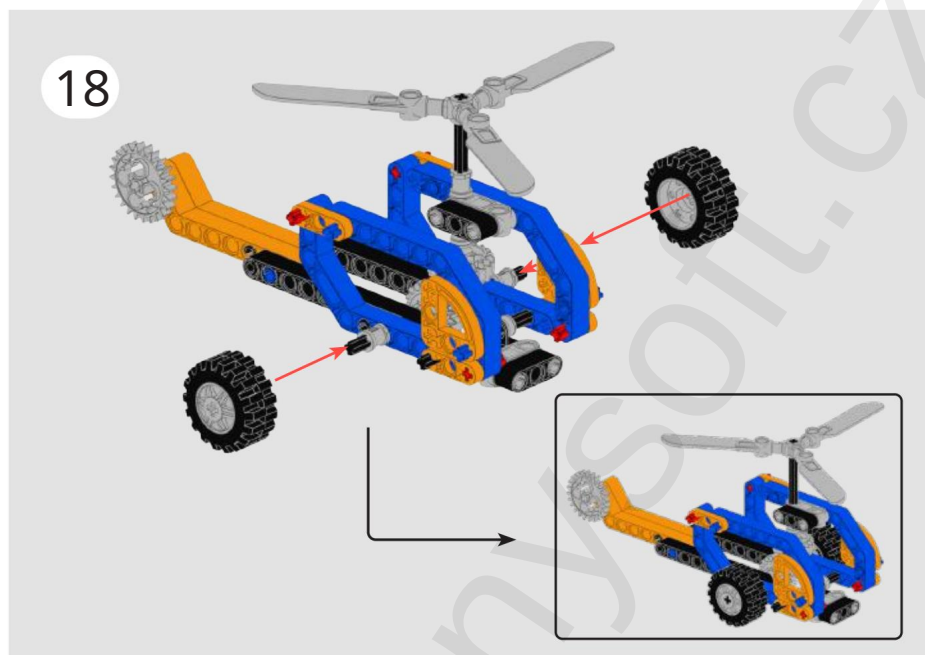


16



17

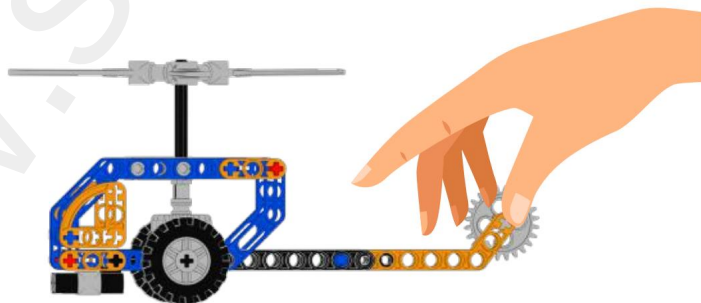




Как се играе



Сканирайте QR и
качете
вашия проект!



Още 5 проекта!

Сканирайте QR кода, за да отключите още пет проекта



Роботизирайте своите роботи!

Искате ли да добавите двигатели и светодиоди към вашите MREK проекти и да играете с тях с помощта на приложение? Купете електронния пакет MEX и надстройте своя комплект!



Сканирайте и купете сега



Напишете ни вашето мнение!

Вашата обратна връзка е в основата на нашия растеж и ще се радваме да споделим вашите преживявания със света, просто напишете вашите мисли на тази страница, направете снимка, маркирайте ни и ги споделете във вашите истории! **#ShareYourExperience #AvishkaarAdventures**

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авишкаареду

avishkaar

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@AvishkaarEdu

MEX

Robotică
Kit de explorare

Manual de
utilizare



SOLUȚIE
PROBLEMA



MECANIC
EXECUȚIE



GELOZIAȚA



ROBOTI





„Nu visez

Succes, lucrez la
pe asta!"

Cuprins

| | |
|------------------------------------|----|
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Profită la maximum de trusa ta

Inovează



Depuneți jurământul inovatorului

Depuneți jurământul inovatorului menționat la pagina 5 și înțelegeți ce înseamnă acesta a fi un inovator.



Învață să folosești Build, Code și Manual/Videos controla

Urmați instrucțiunile pas cu pas din manual pentru a afla cum să construiți roboți incitanți cu kitul dvs.



Creați proiecte inovatoare cu seturile dvs. și controlați roboții folosind Telecomanda Aviskaar și utilizarea codului Avishkaar Maker Studio.

Distribuie

Câștigă



Alăturați-vă Haideți la Aviskaar

Alăturați-vă comunității noastre FB - conectați-vă cu inovatori și obțineți cele mai recente actualizări ale seminariilor web.



Încărcați proiecte

Încărcați proiecte pe www.avishkaar.cc și împărtășiți-le inovatorilor din întreaga lume.



Internațional concursuri

Participă la competiții săptămânale, lunare și anuale și câștigă faimă în întreaga lume.



Jurământul inovatorului

Depuneți jurământul inovatorului de mai jos pentru a vă angaja pe tot parcursul vieții pentru inovare și rezolvarea problemelor. Distribuți fotografia pe comunitatea FB Let's Avishkaar.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Explora
setul meu

Bine ați venit la Aviskaar

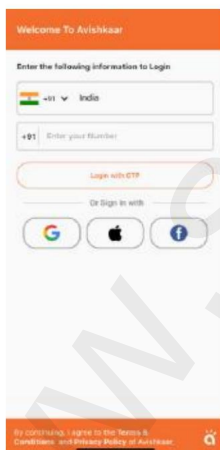
Descărcați aplicația Aviskaar

Descărcați aplicația Avishkaar scanând codurile QR de mai jos:



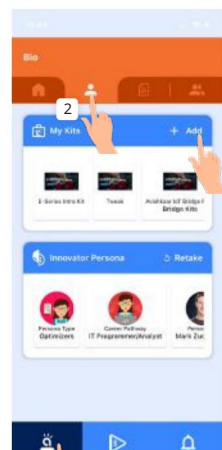
1 Creați un cont

Deschideți aplicația și urmați instrucțiunile de pe ecran pentru a crea un cont.



2 Înregistrați-vă trusa

Accesați secțiunea „Profil” din aplicație și faceți clic pe „+ Adăugați mai multe” sub „Seturile mele” pentru a vă înregistra setul. Acest pas este important pentru controlul ulterior al robotului.



Product Registration
Sticker

Verificarea armurii

Caseta 1 (Piese de construcție)

fascicul



9H
fascicul
x2



7H
fascicul
x2



5H
fascicul
x4



3H
fascicul
x2

„Notă: „H
înseamnă găuri.
de ex. fascicul 15H
înseamnă o grindă cu
15 găuri.



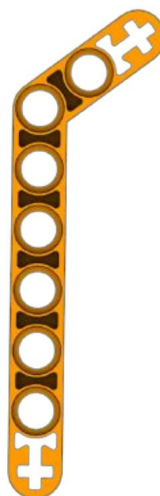
2Cx1H
Fascicul subțire
x4



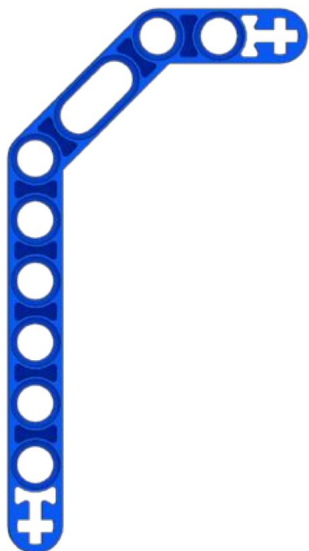
1Cx1H
fascicul
x2



3Cx2H
Subțire-D
x2



2C x 7H
Îndoire simplă
x2



2Cx10H grindă dublă
de îndoire
x 4

Umpluturi



Umplere axă - mare
x 4



Umplere axă - Mic x6

Vâslă



Lopata x 3

Transfer



Pinion-24T x 2



20T Angrenaj
conic dublu
x 2

roată



Bicicletă mică
x4

ACEI



Pin lung-albastru x 2



Pin mediu -negru x15

Știftul axei centrale -
albastru
x 6

CONECTOARE



Conector 3Hx4 pini x 2

Conector cu trei
axe x 1Conector de axă cu
trei pini x 21C x 1H Conector în
unghi drept
x 1

Bandă de cauciuc

Bandă de
cauciuc x 3

Deschidere

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

fascicul



#B

NOTĂ: Axele sunt 1 :1 cu imprimarea
sloturi () din manual

Remediu



002

(1)



B1

(1)



B1

(2)



B1

(1)



4H

(2)



3H

(1)

1:1



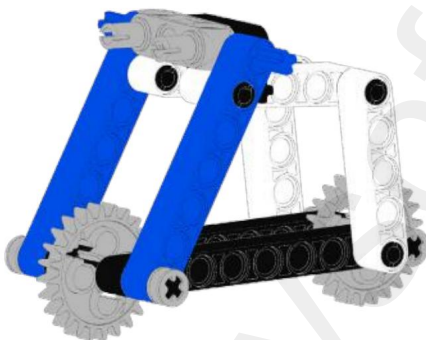
2H

(4)

Relat

Proiect 1: MEX mountain bike (MTB)

Să construim!



Lucruri de care avem nevoie



9H
Grinda
x 2



5H
Grinda
x 4



3H
Grinda
x 1



4H
Remediu
x 2



6H
Remediu
x 1



Pin
mijlociu
-negru x 4



Axul central
al axei - albastru
x 2



3Hx4Pin
Conector
x 1



Frontal
roata din ată
24T
x 2



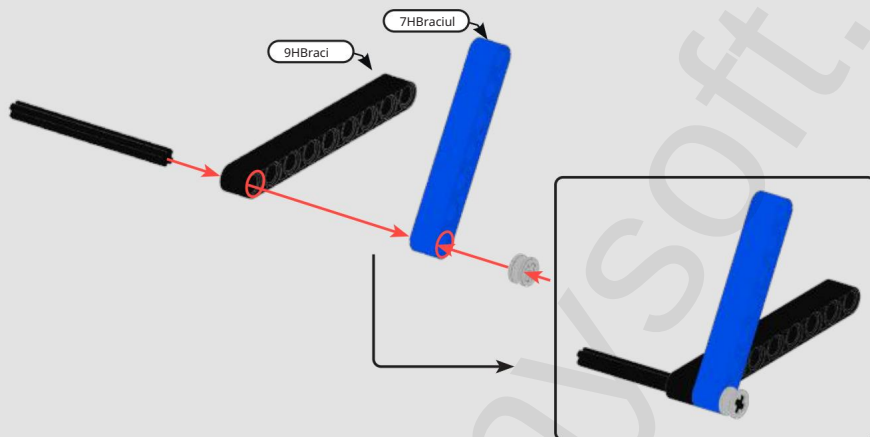
Umplere
axului - mic
x 5

Pași

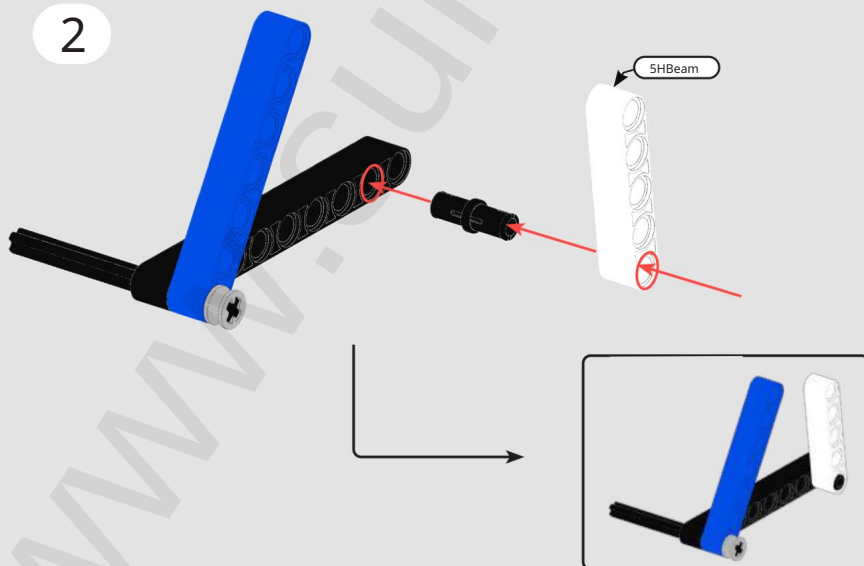
1:1

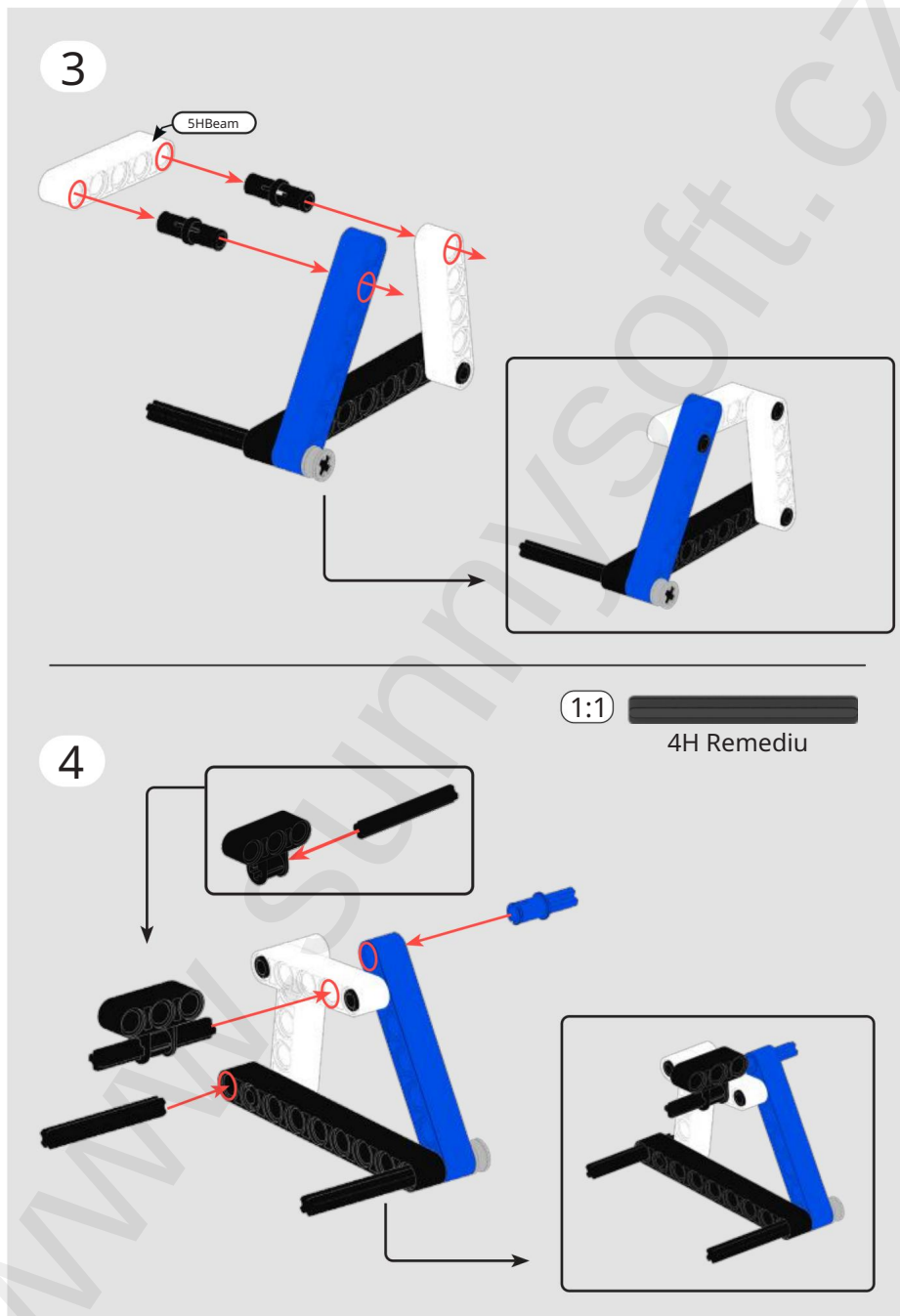
6H Remediu

1

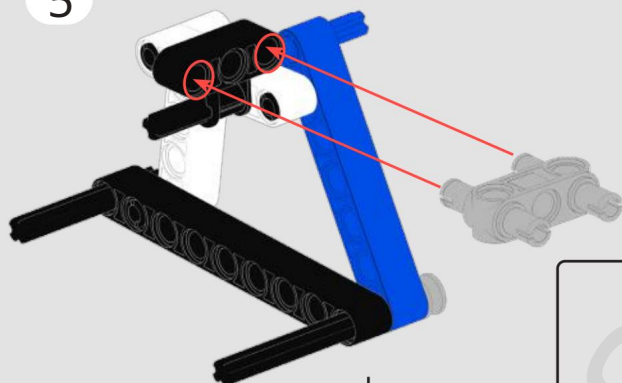


2

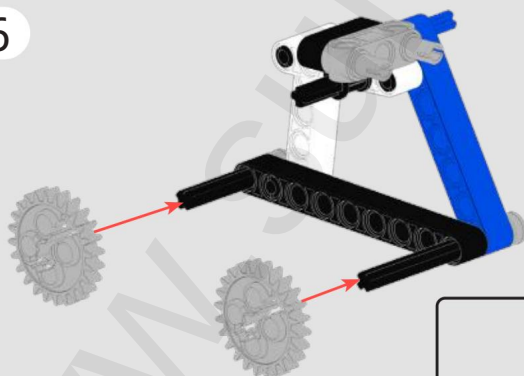




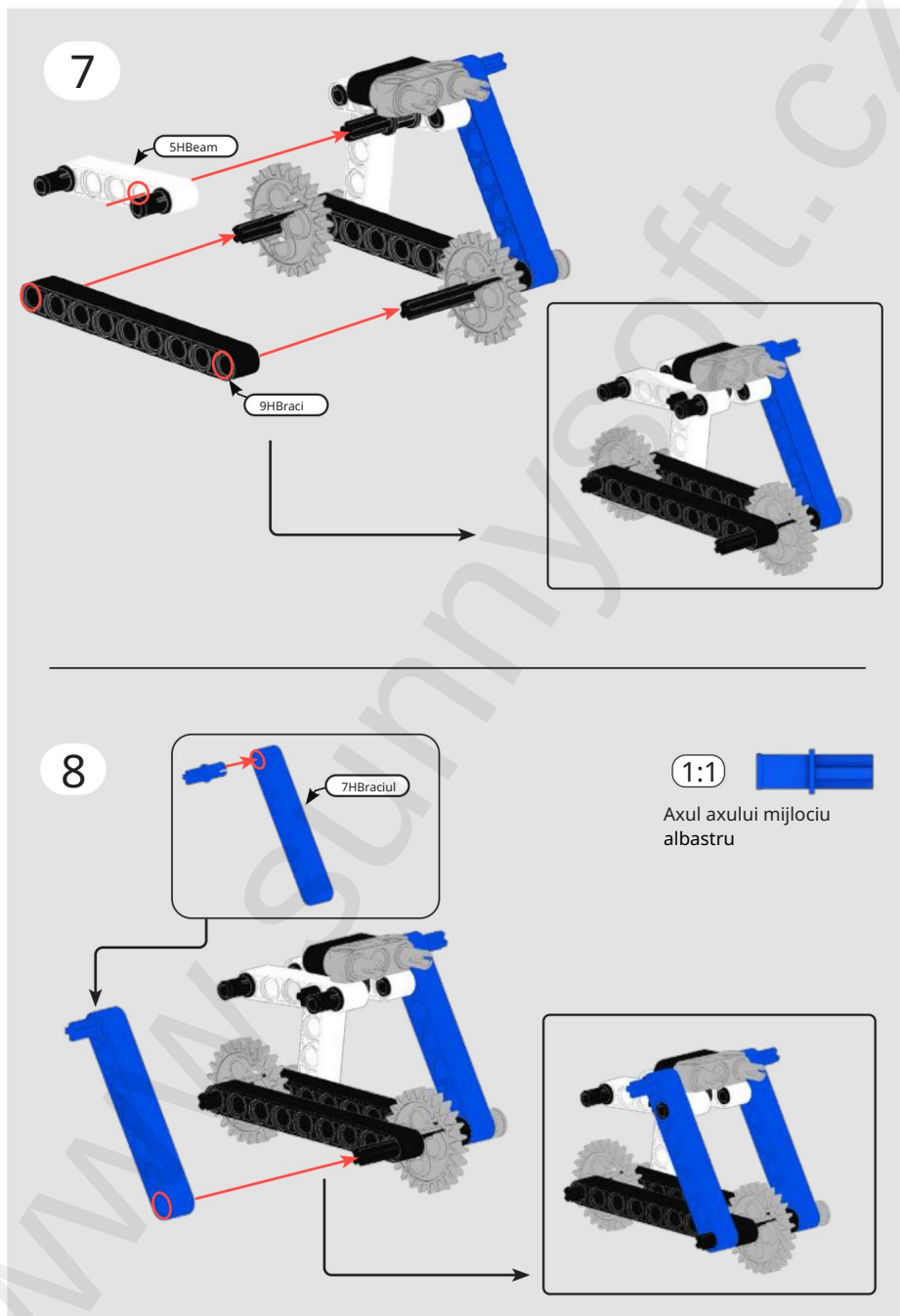
5



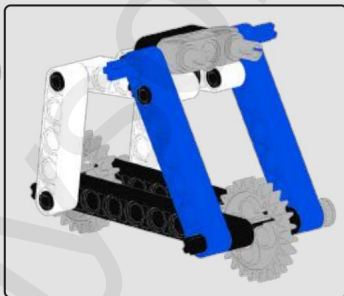
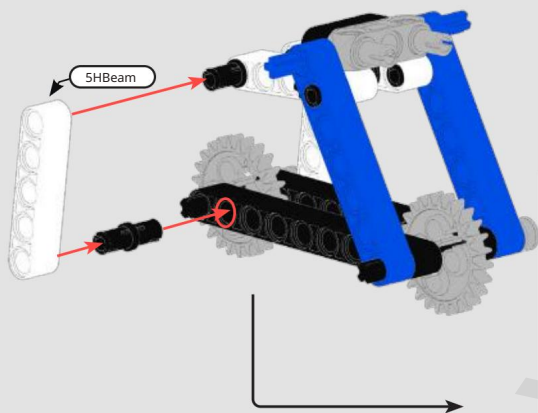
6



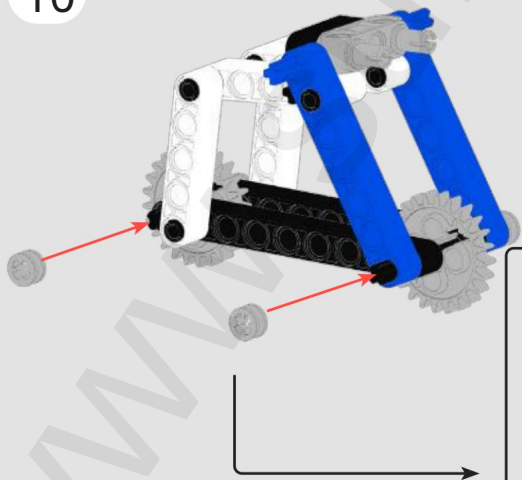
Pinion --24T



9



10

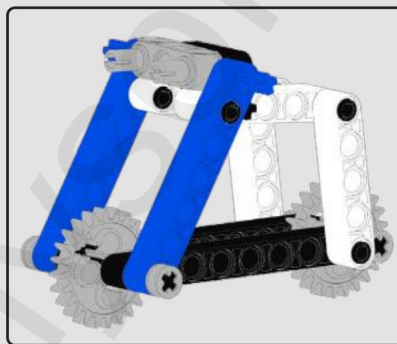
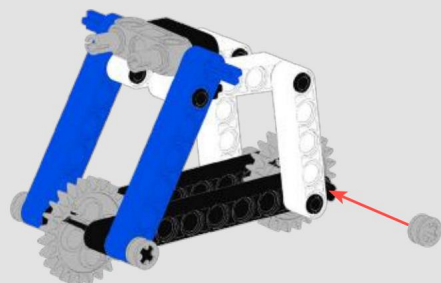


Umplere axă - mică

11



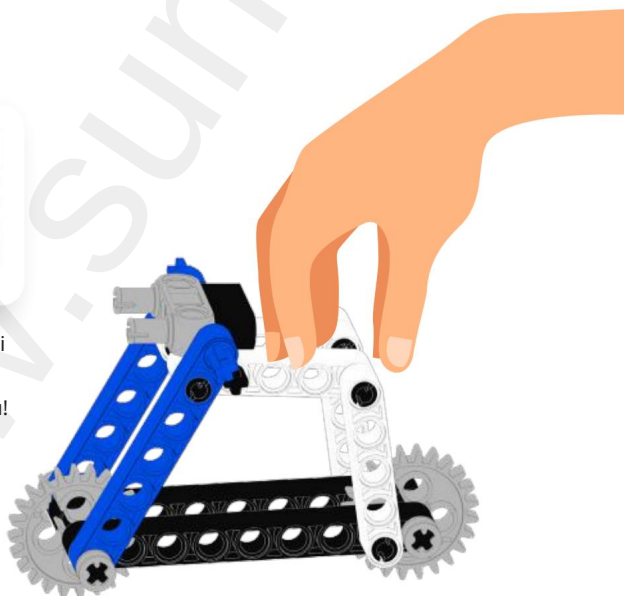
Umplere axă - mică



Cum să joci



Scanează QR-ul și
încarcă
proiectul tău!



Proiect 2: Mașină retro MEX

Să construim!



Lucruri de care avem nevoie



9H
fascicul
x2



7H
fascicul
x2



5H
fascicul
x4



3H
fascicul
x2



2Cx10H
Îndoire dublă
Grinda
x 2



1Cx1H
fascicul
x2



Pin mediu
axe-albastre
x2



Pin mediu negru
x13



Lung
pin-albastru
x2



3Hx4Pin
Conector
x2



1Cx1H
Perpendicular
conector
x 1



Trei pini
pin
conectorul axei
x 1



Axă 6H x 1

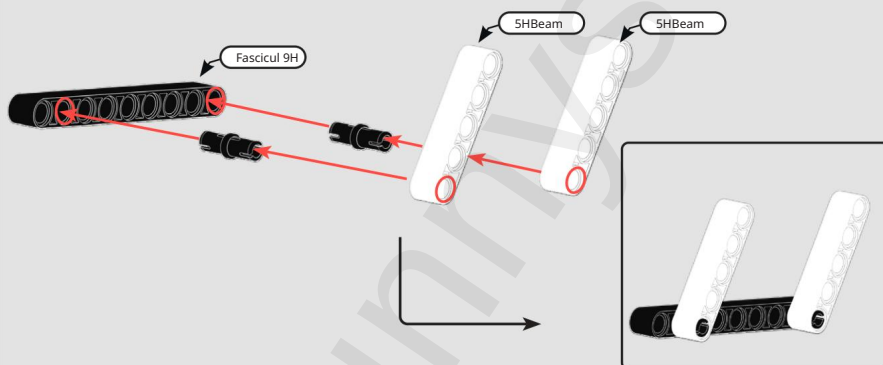


Axă 10H x 1

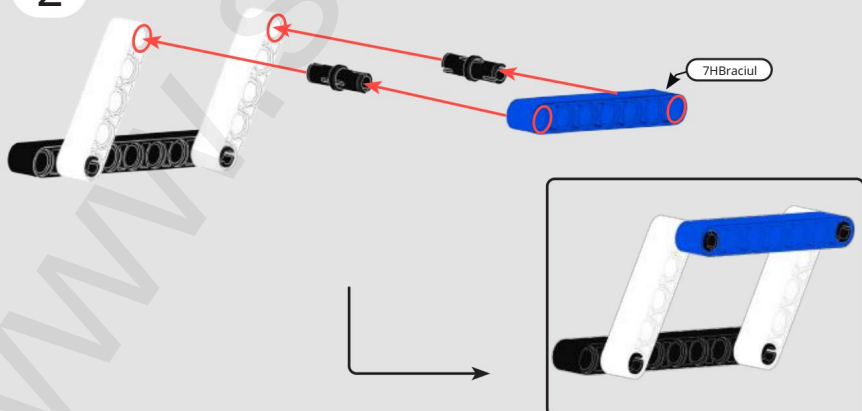
roată
x4Bandă de
cauciuc x 1

Pași

1



2

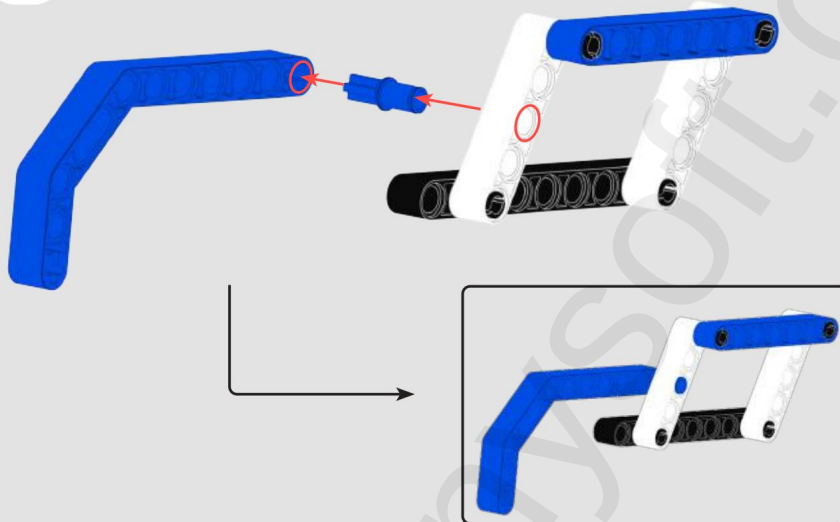


3

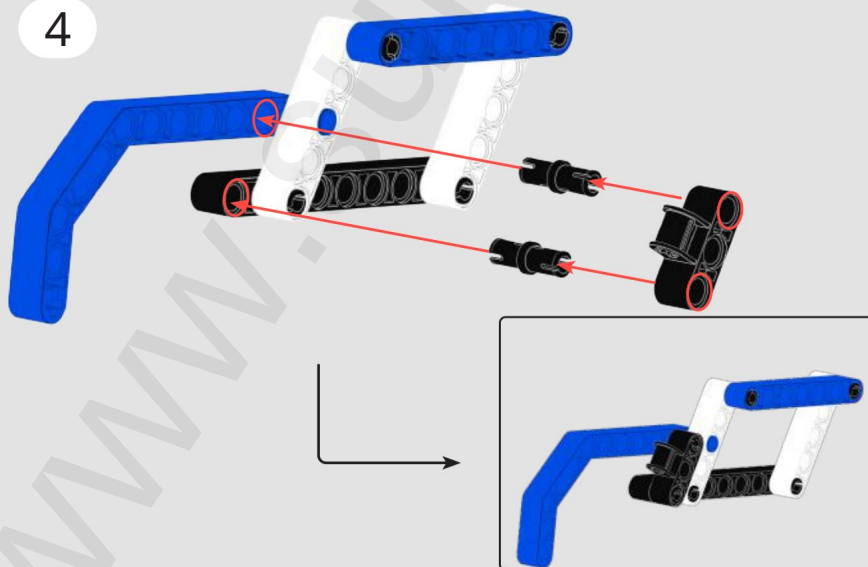
1:1



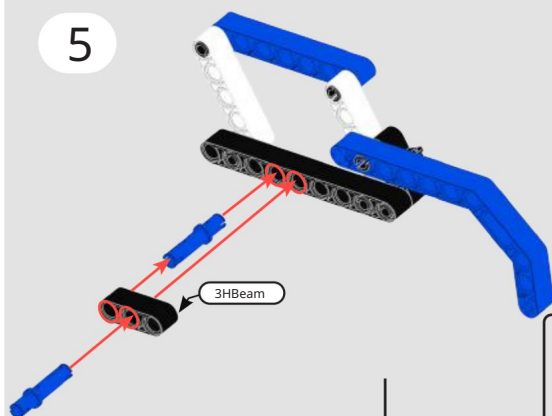
Axul axului mijlociu albastru



4



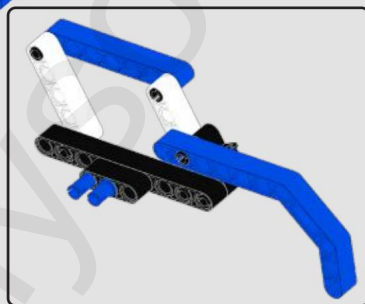
5



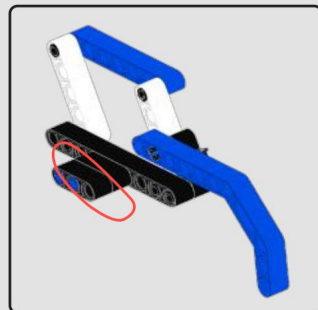
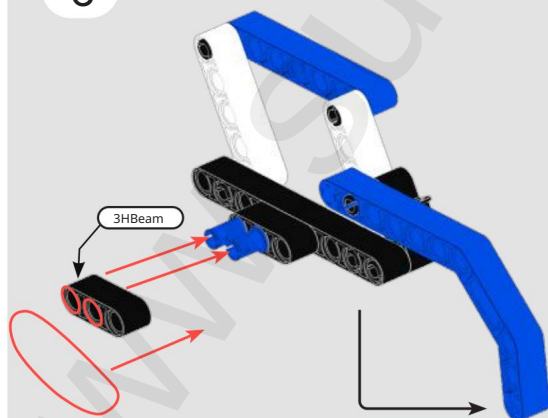
1:1



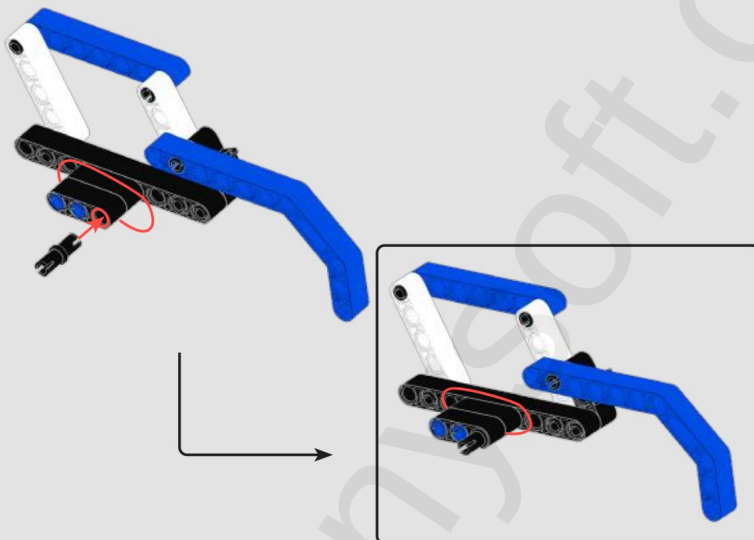
Pin lung albastru



6

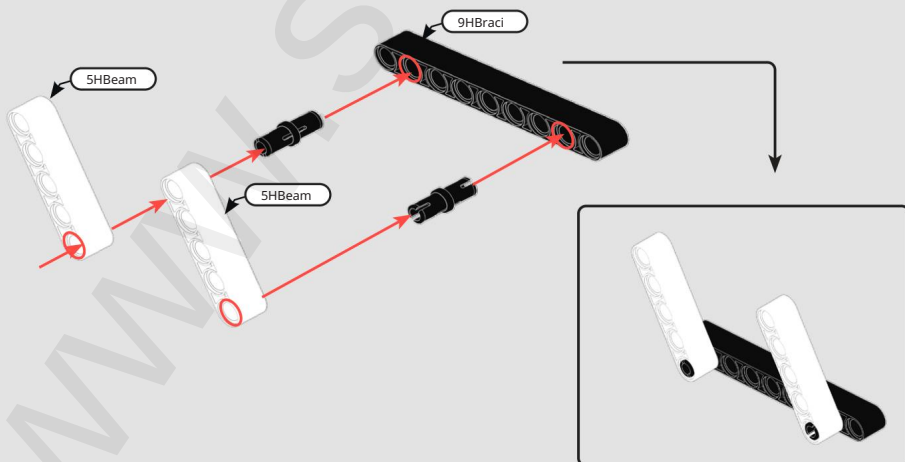


7

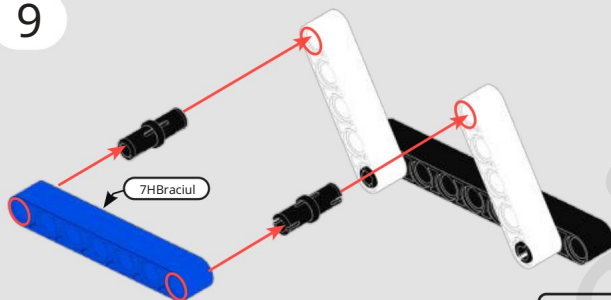


Să facem cealaltă parte.

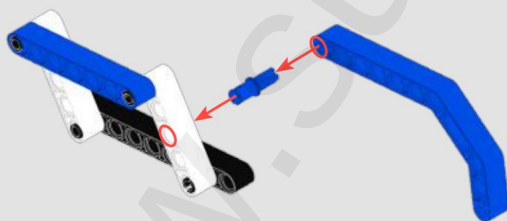
8



9



10



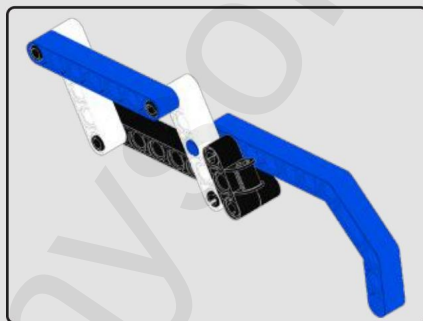
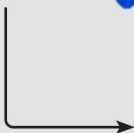
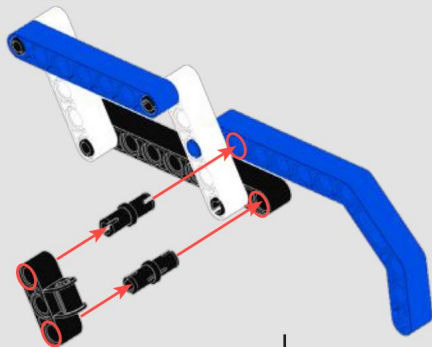
1:1



Axul axului mijlociu
albastru



11

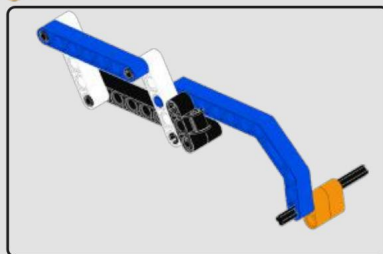


12

1:1



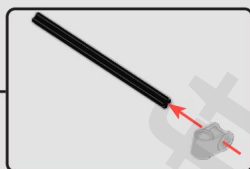
6H Remedium



13

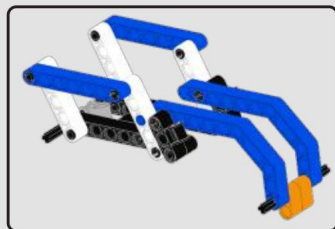
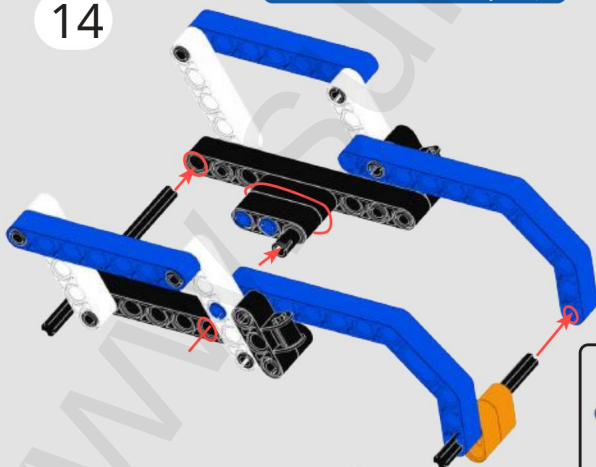
1:1

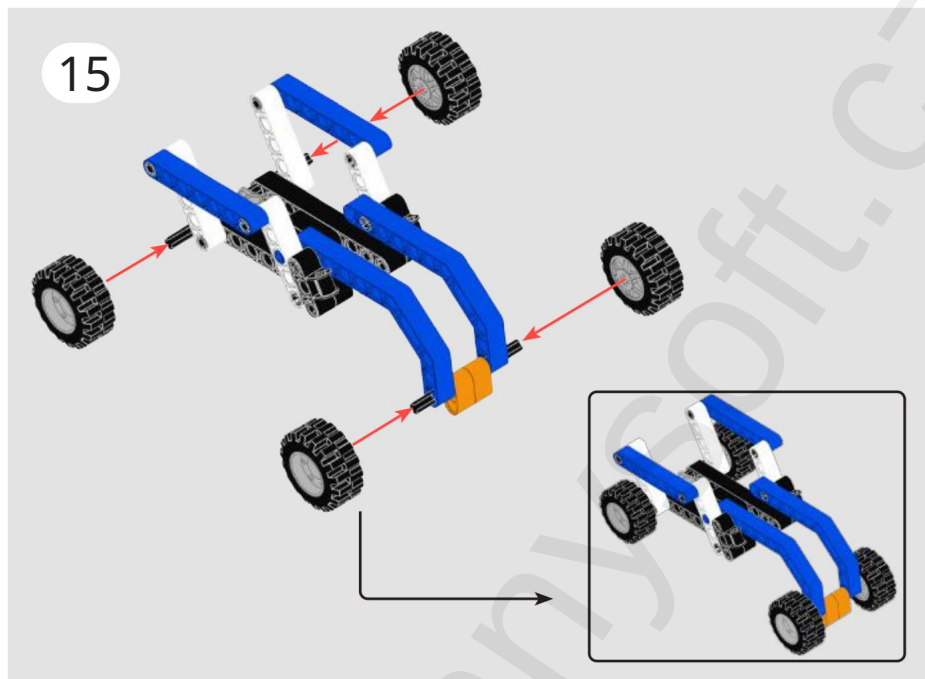
8H Remediu



14

Îndoim ambele părți.

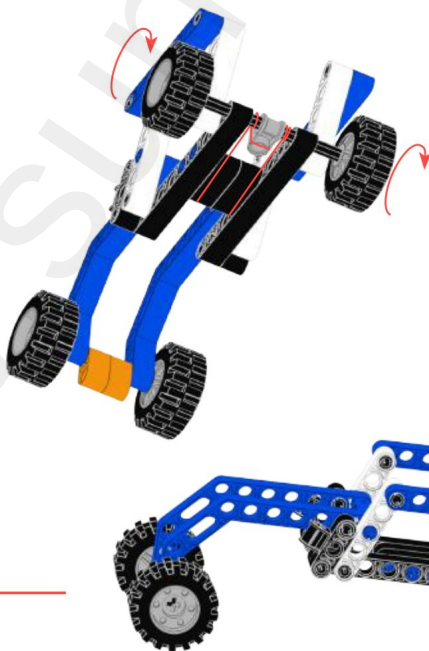




Cum să joci



Scanează QR-ul și
încarcă
proiectul tău!



Proiectul 3: MEX Buggy

Să construim!



Lucruri de care avem nevoie



Fascicul 7H
x2



5H
fascicul
x2



2Cx10H
Dubla
îndoire
fascicul
x2



2Cx7H
Simplu
îndoire
fascicul x 2



3Cx2H
Subțire-D
x2



1Cx1H
fascicul
x2



Știftul axei
din mijloc
- albastru
x4



Pin din mijloc
- negru x 4



6H
Remediu
x 1



8H Remediu
x 1



10H Remediu
x 1



Umplere
axe - mari
x4



Umplere
axe - mici
x 2



Trei pini
perpendicular
conector
de osie
x 1

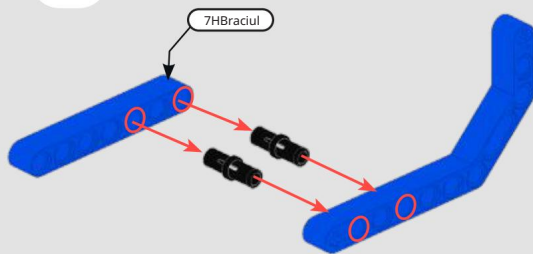


roată
x4



Bandă de cauciuc
x 1

1

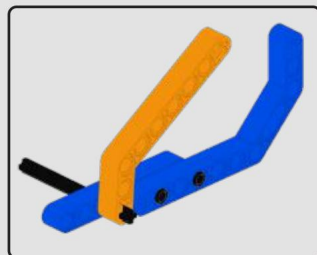
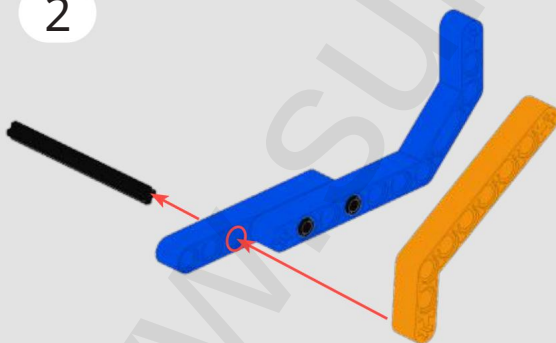


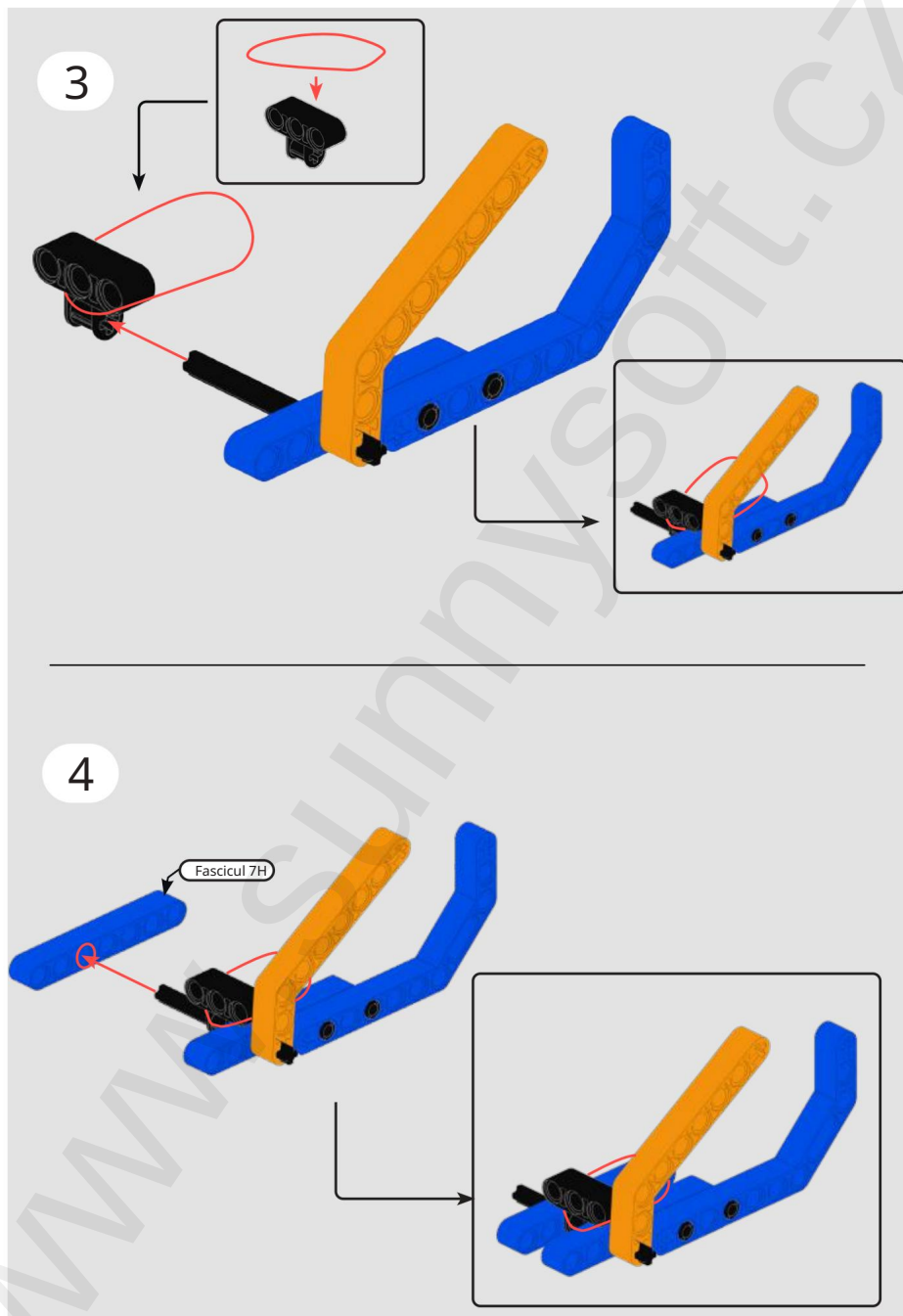
2

1:1



6H Remediou

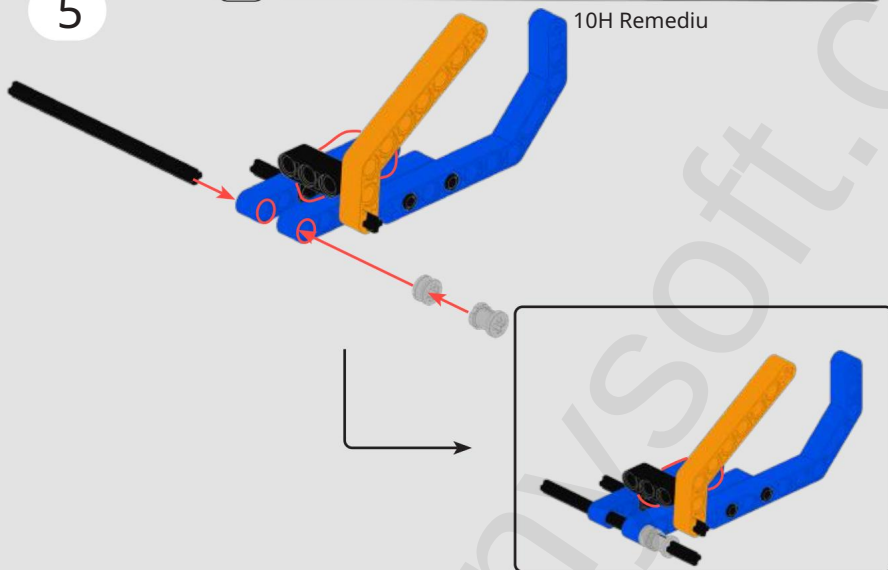




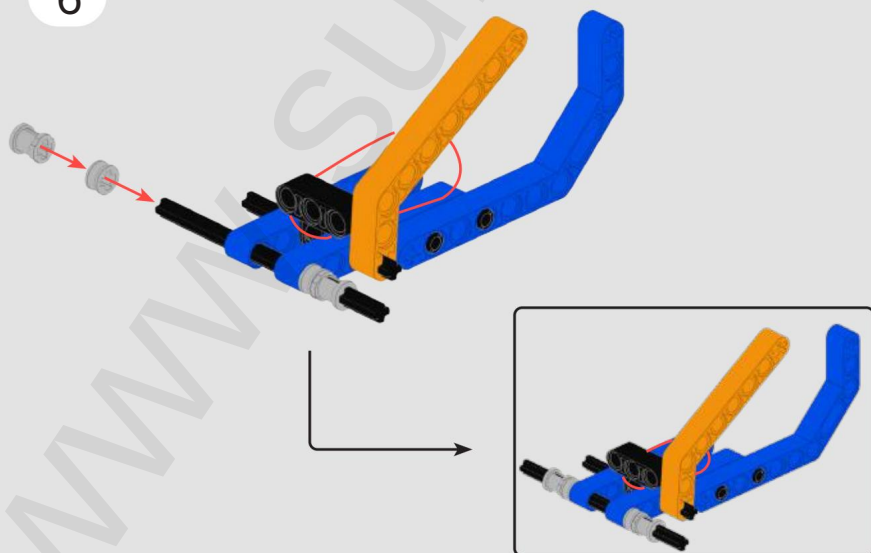
5

1:1

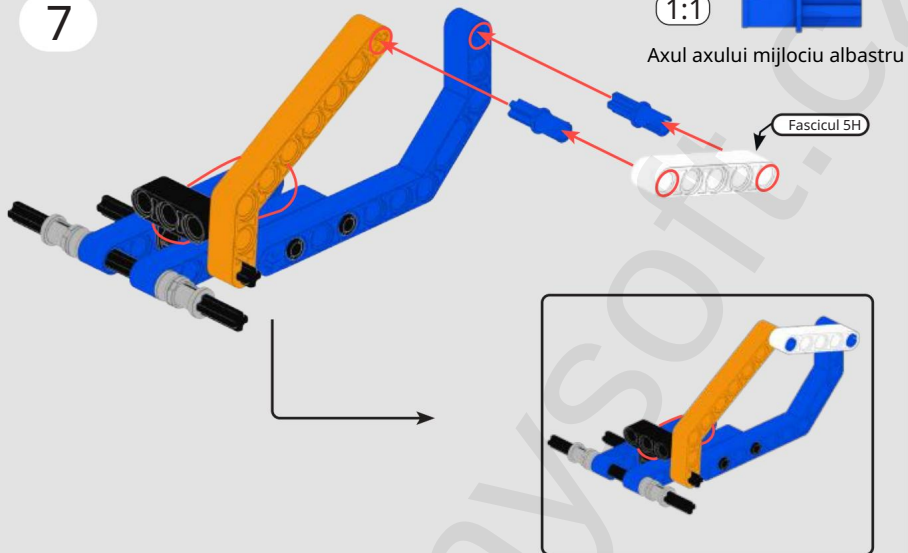
10H Remediu



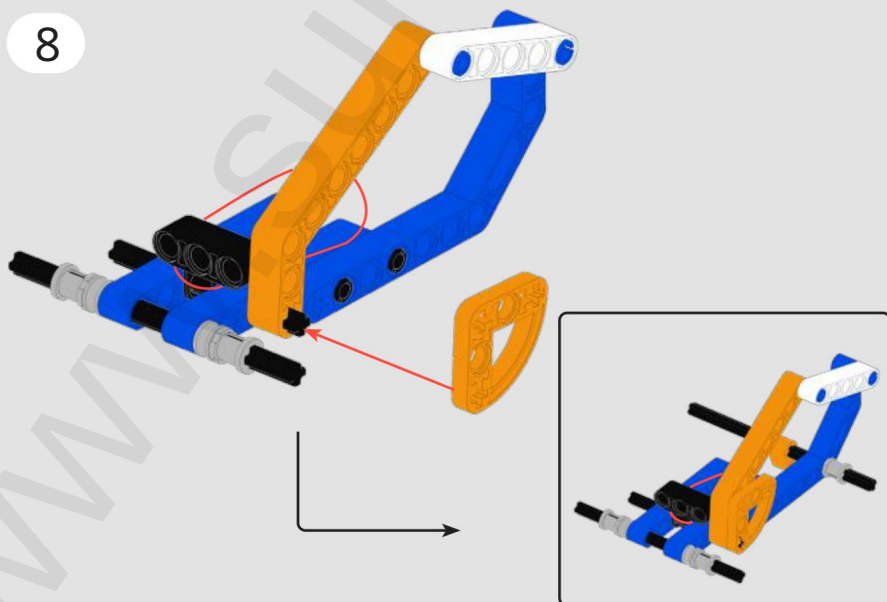
6



7



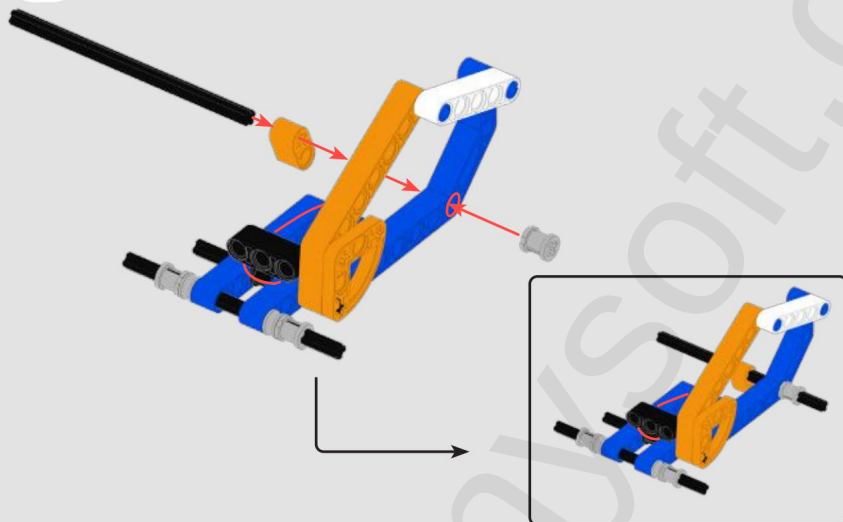
8



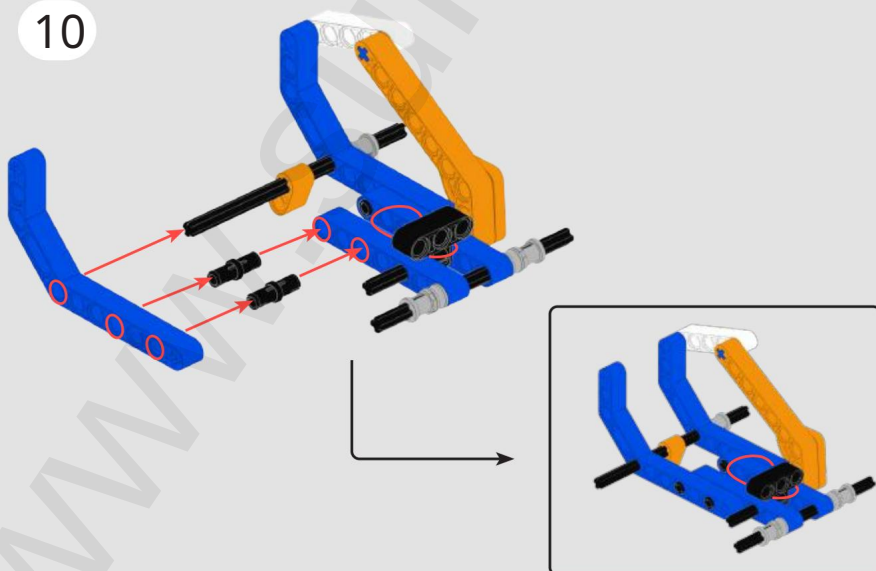
9

1:1

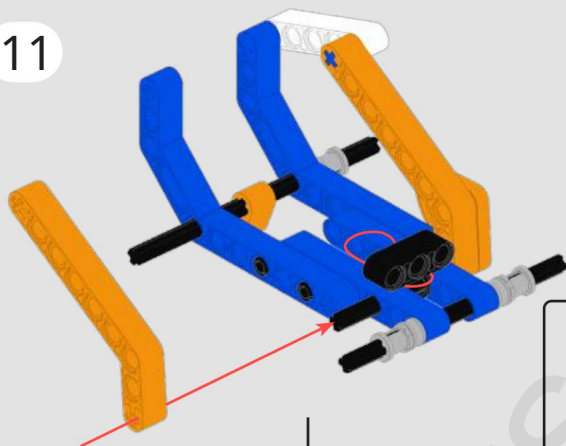
8H Remediú



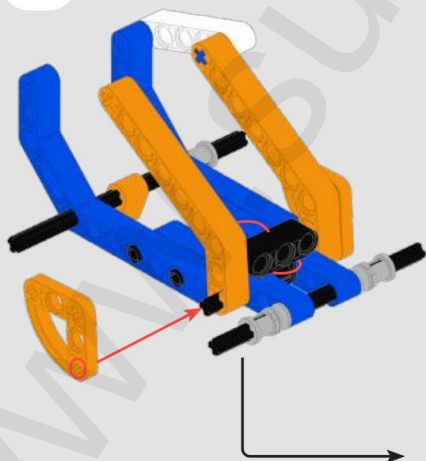
10



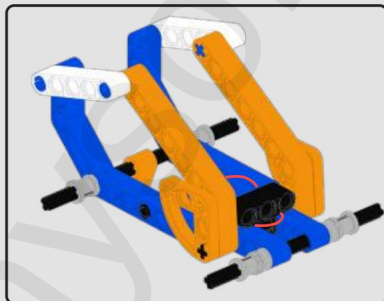
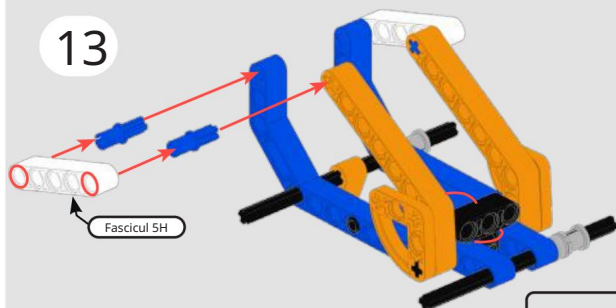
11



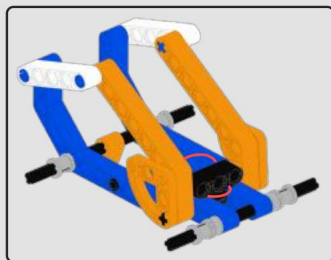
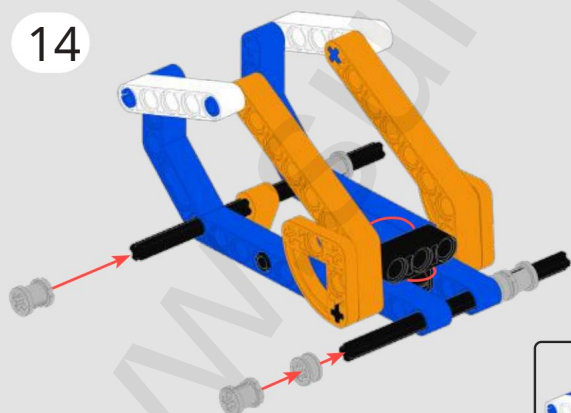
12

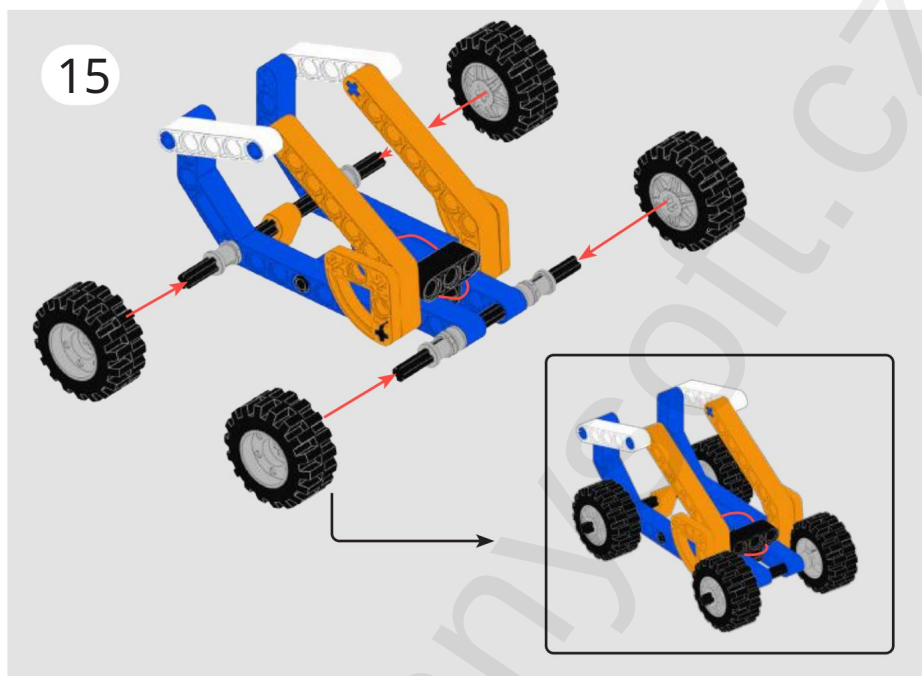


13



14

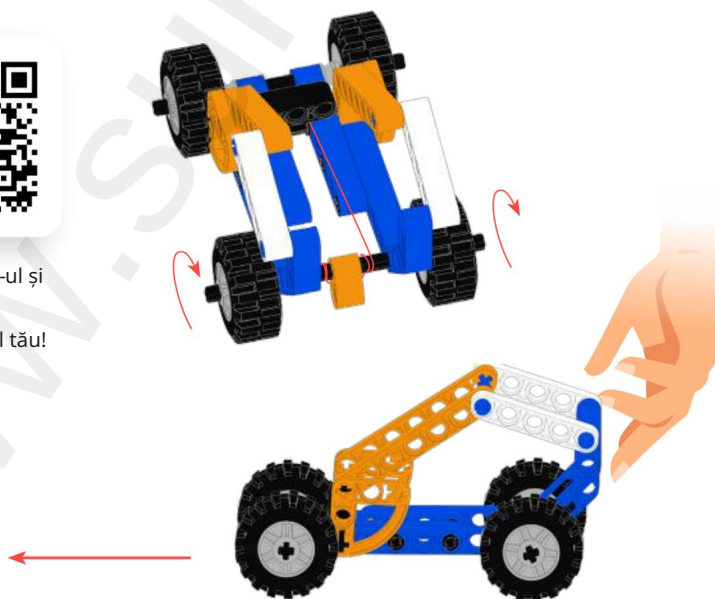




Cum să joci



Scanează QR-ul și
încarcă
proiectul tău!



Proiectul 4: Moara de vânt MAX

Să construim!



Lucruri de care avem nevoie



Fascicul 9H
x2



Fascicul 5H
x2



3H
fascicul
x2



2Cx10H
Dubla
îndoire
fascicul
x4



2Cx1H
grindă
subțire
x2



1Cx1H
fascicul
x2



2H
Remediu
x4



8H
Remediu
x 1



10H
Remediu
x 1



Vâslă
x3



Triplu
conector
topoare
x1



Umplere
axe - mici
x5



Mediu
PinBlack
x 14



20T dublu
conic
angrenaj
x 1



Umplere
axe-mari
x4



Conector de
axă cu trei
pini x 1

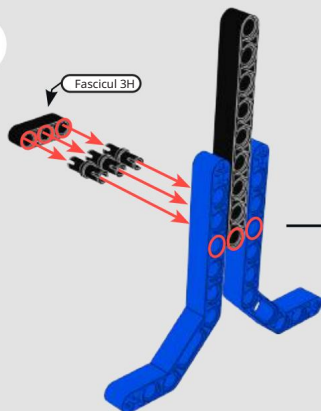


1Cx1H
Conector
perpendicular
x 1

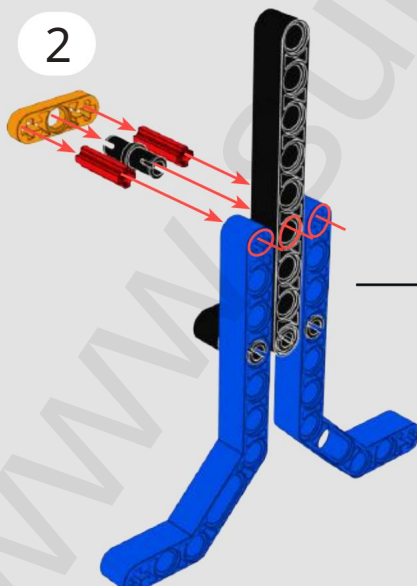


Bandă de
cauciuc x 1

1



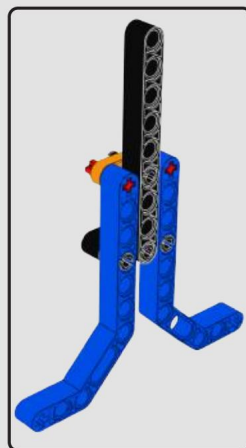
2



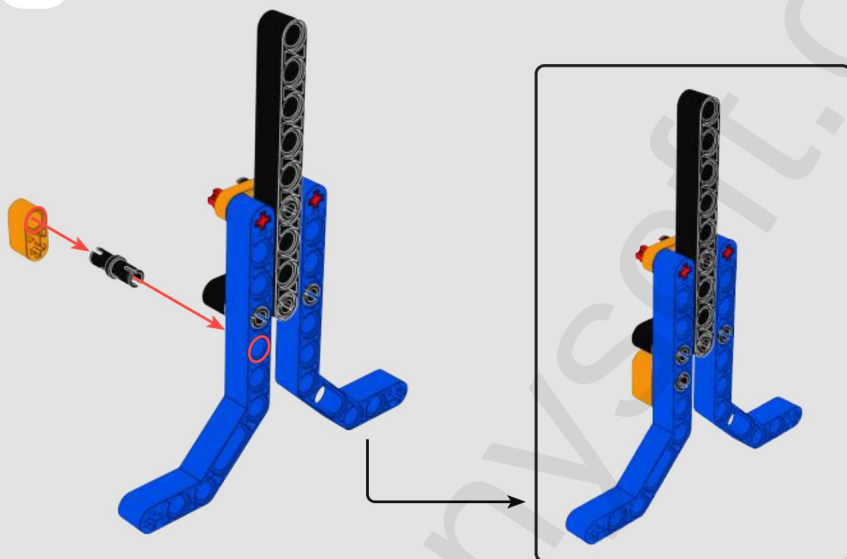
1:1



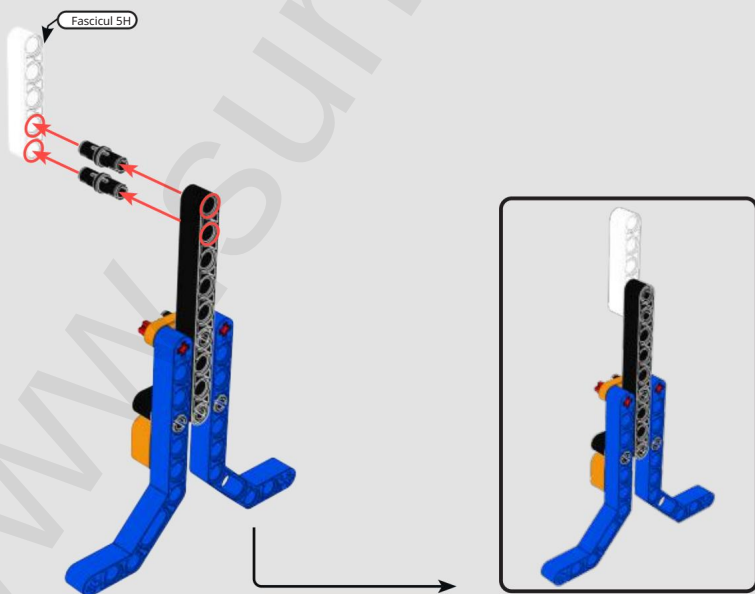
2H Remedium



3

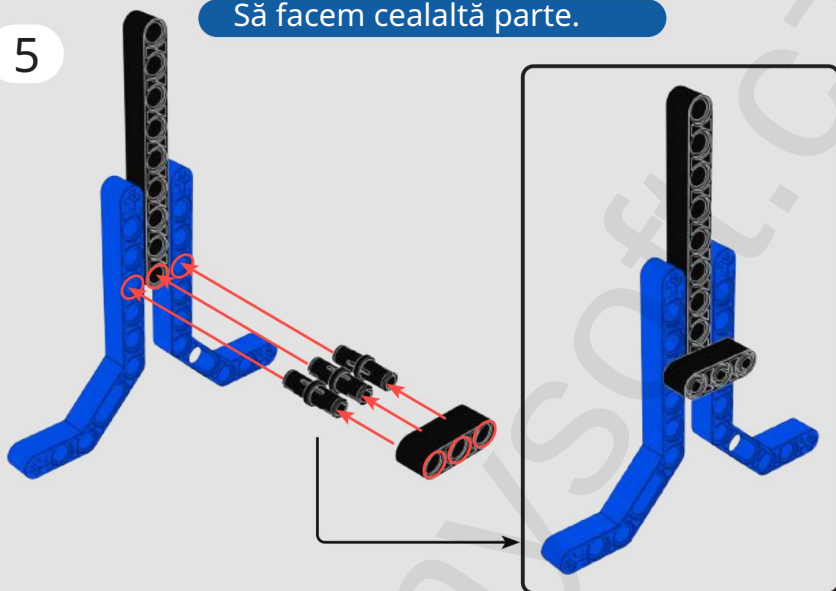


4



5

Să facem cealaltă parte.

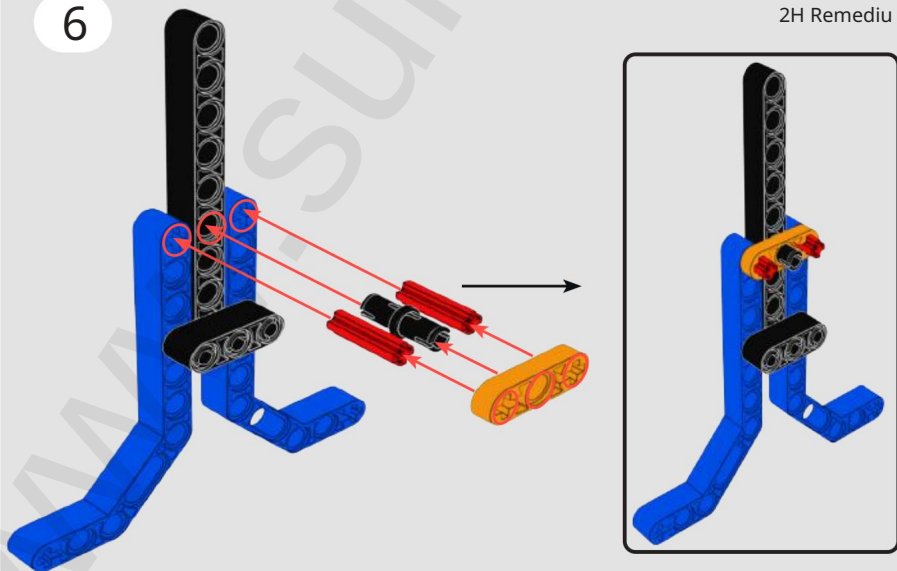


6

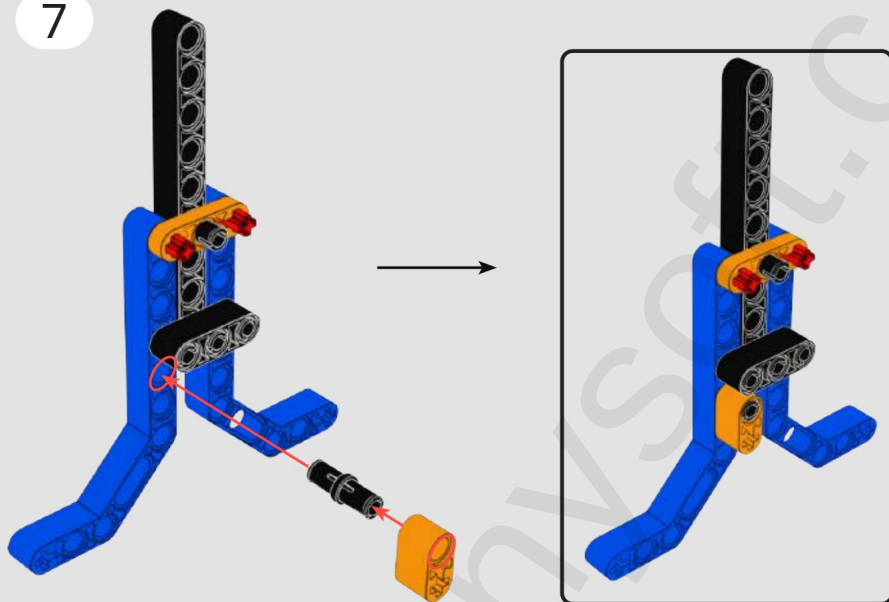
1:1



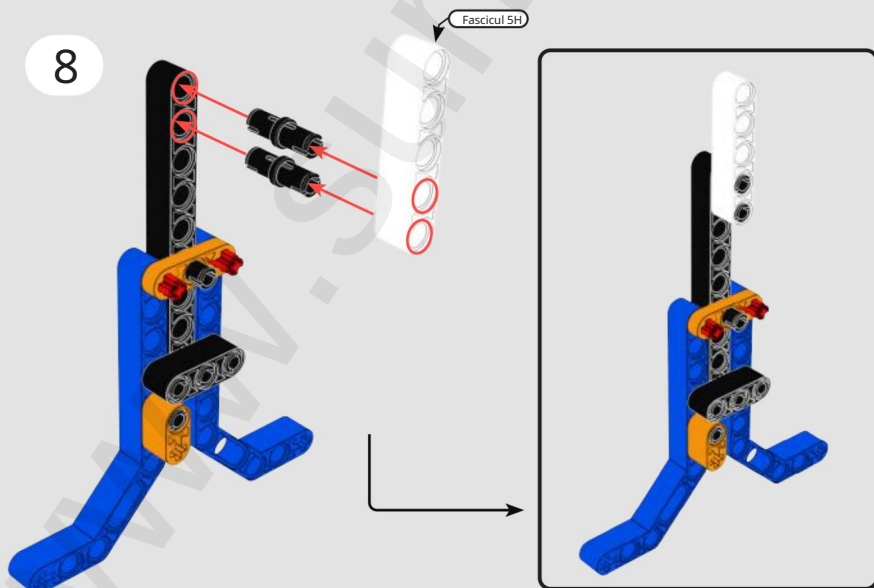
2H Remediou



7



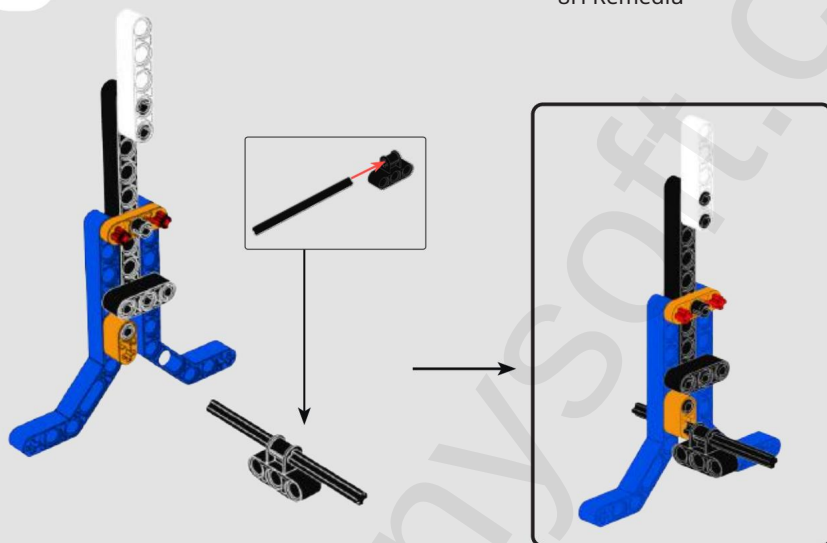
8



9

1:1

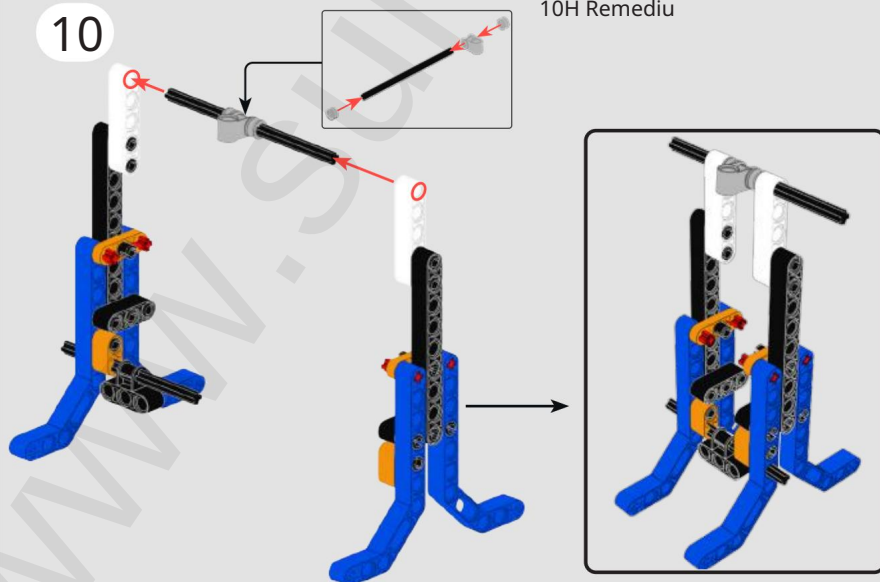
8H Remediu



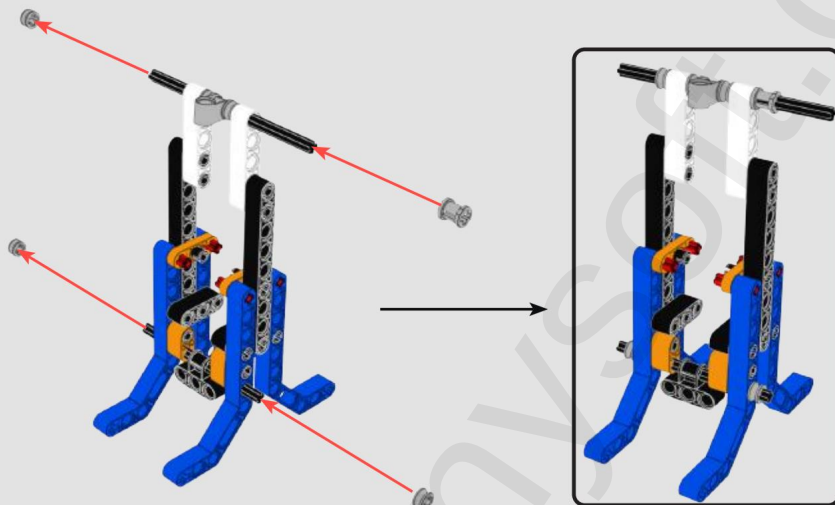
1:1

10H Remediu

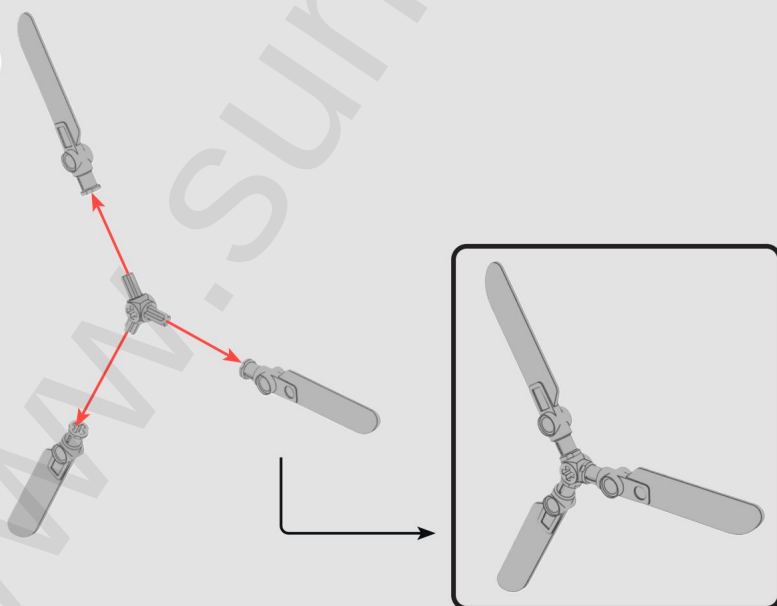
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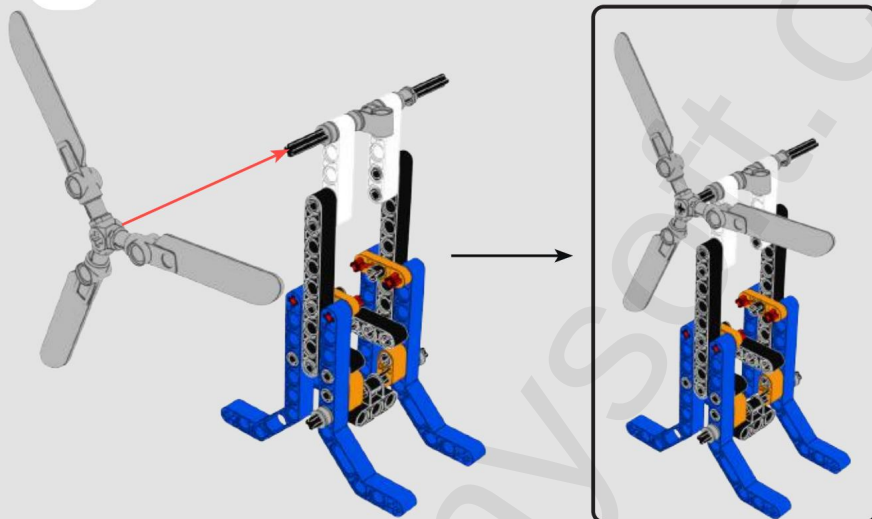
11



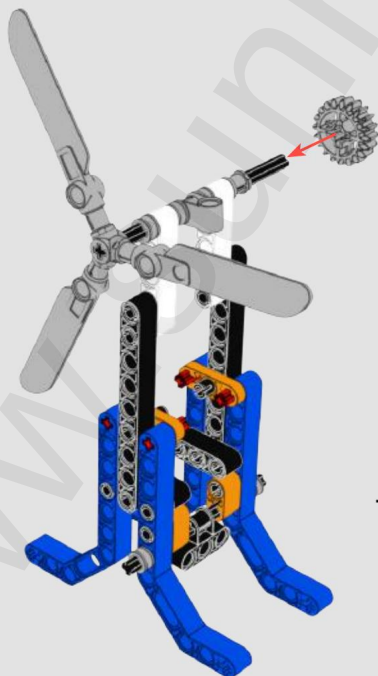
12



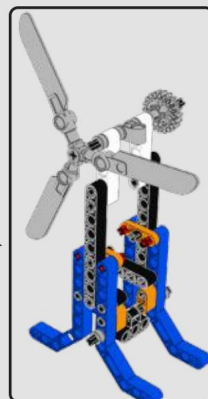
1213



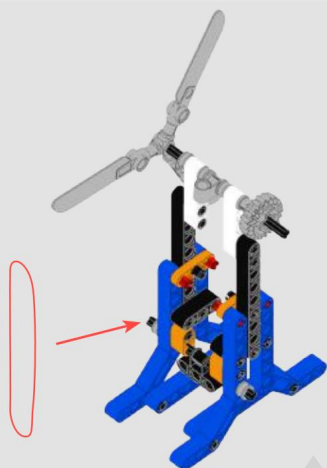
14



20T Angrenaj
conic dublu



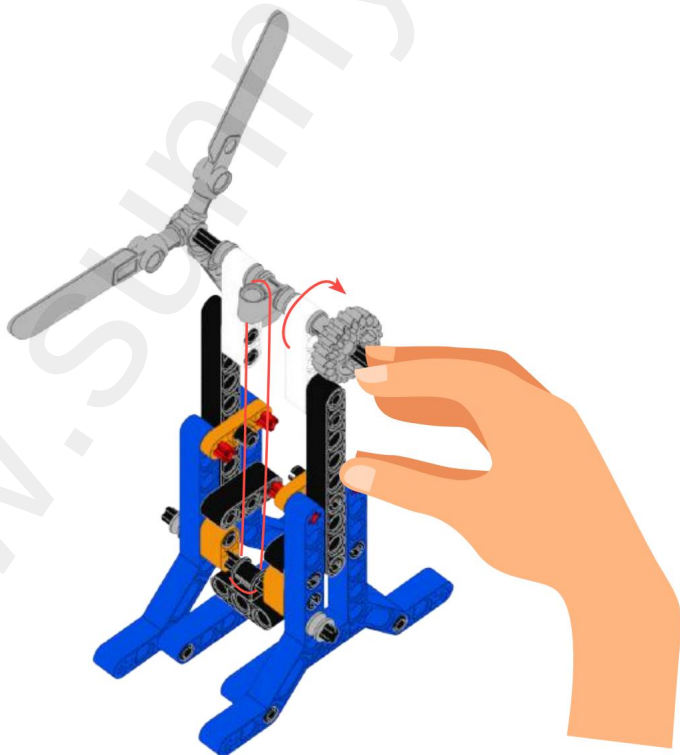
1416



Cum să joci

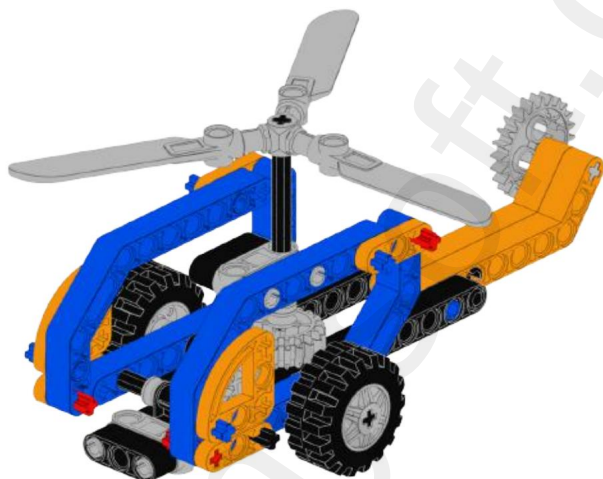


Scanează QR-ul și
încarcă
proiectul tău!



Proiect 5: Elicopter MEX

Să
construim!



Lucruri de care avem nevoie



9H
fascicul
x2



3H
fascicul
x2



2Cx10H
Îndoire dublă
fascicul
x4



2Cx7H
O
grindă
îndoită x 2



3Cx2H
Subțire-D
x2



2Cx1H
Sub ire
fascicul
x2



2H Remediu
x4



8H
Remediu
x 1



3H
Remediu
x 1



10H
Remediu
x 1



Mediu
pin-negru
x5



Pin mediu
axe-
albastre
x4



3Hx4Pin
Conector
x2



Umplere axă - mică
x5



Umplere
axă-mari
x4



Vâslă
x3



Conector cu trei
axe
x1



Conector pin
perpendicular
pe axă x 1



20T dublu
conic
angrenaj
x2



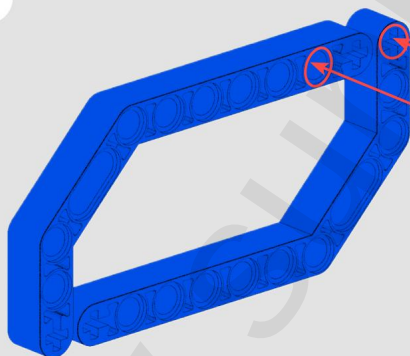
Frontal
roata din ată
24T x 1



roată
x4

Pași

1



1:1

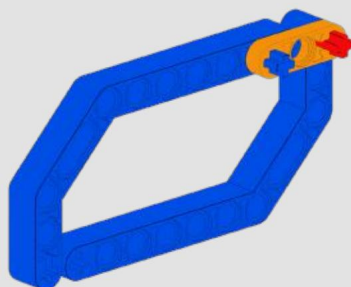


2H Remediou

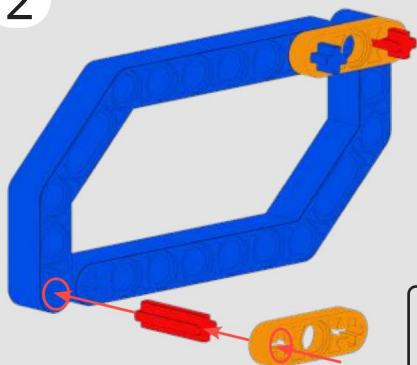
1:1



Axul central Albastru



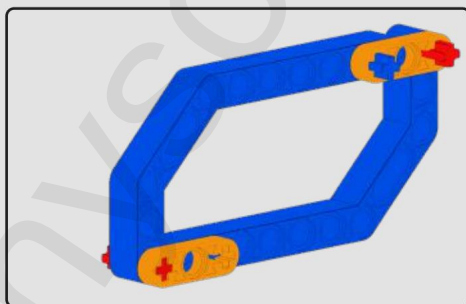
2



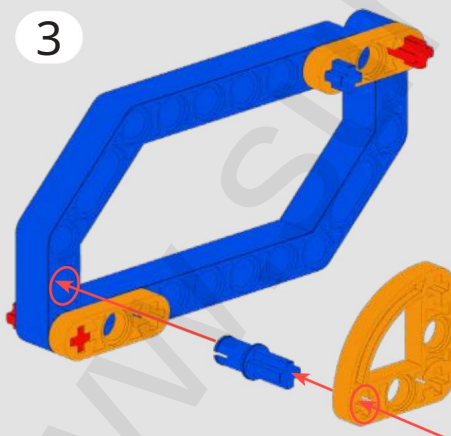
1:1



2H Remediu



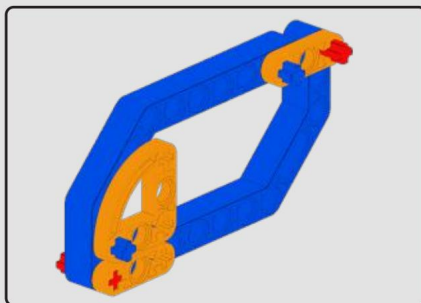
3



1:1



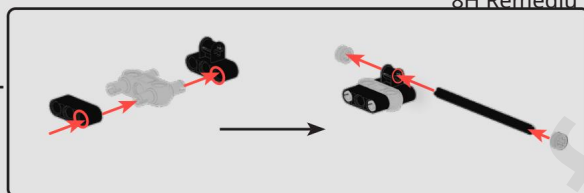
Axul central Albastru



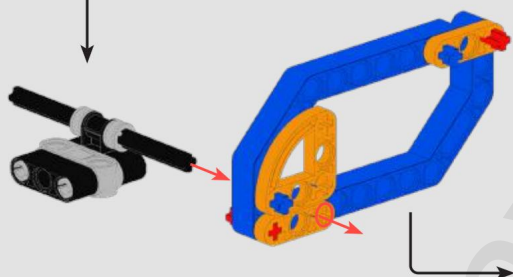
4

1:1

8H Remediu

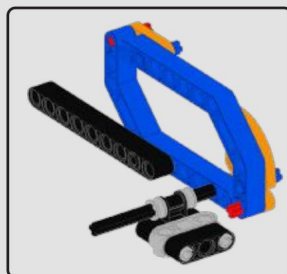
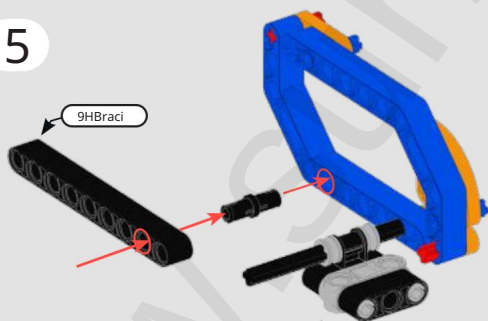


Umplere axă - mică



5

9H Braci



Sfat de asamblare



Știfturile negre din mijloc pot fi puțin dificil de introdus! Dar nu-ți face griji. Împingeți-le și asigurați-vă că conexiunea este strânsă. Folosește puțină forță :-).

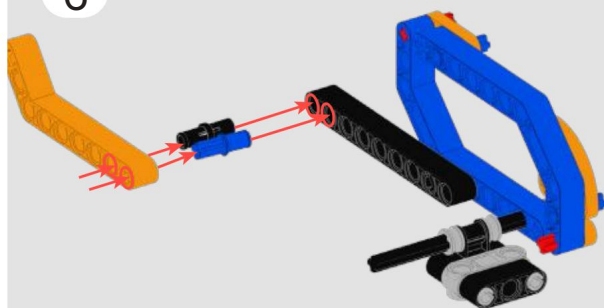


6

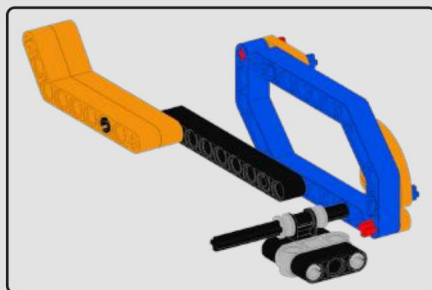
1:1



Axul central Albastru



7



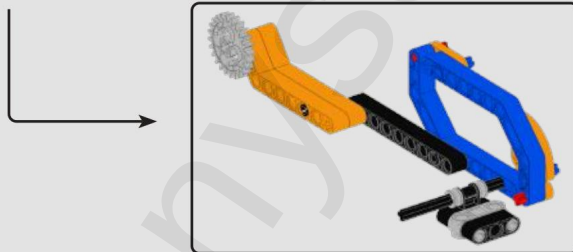
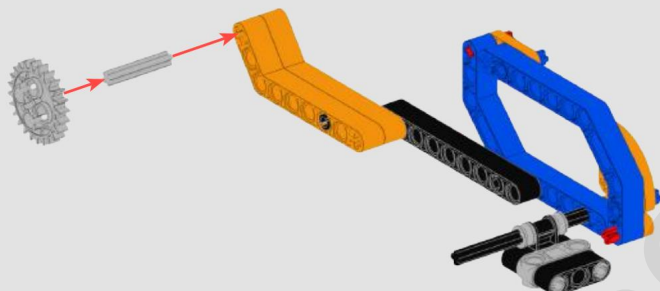
8

1:1

3H Remediu



Angrenaj drept
roata --24T



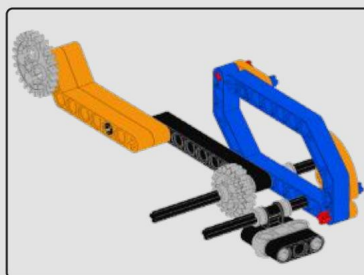
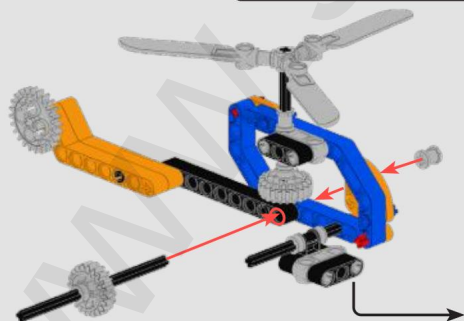
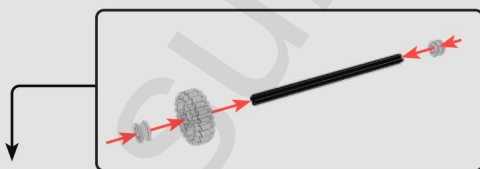
9

1:1

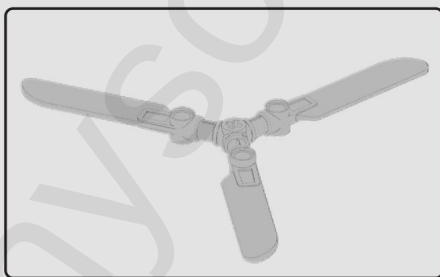
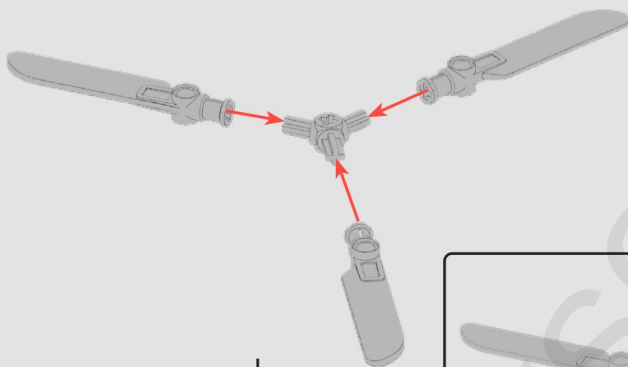
10H Remediu



20T dublu
angrenaj conic

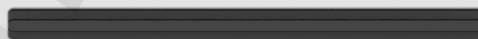


10

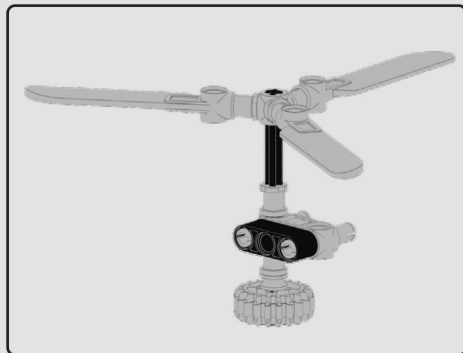
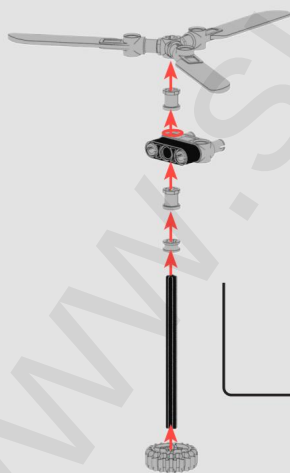


11

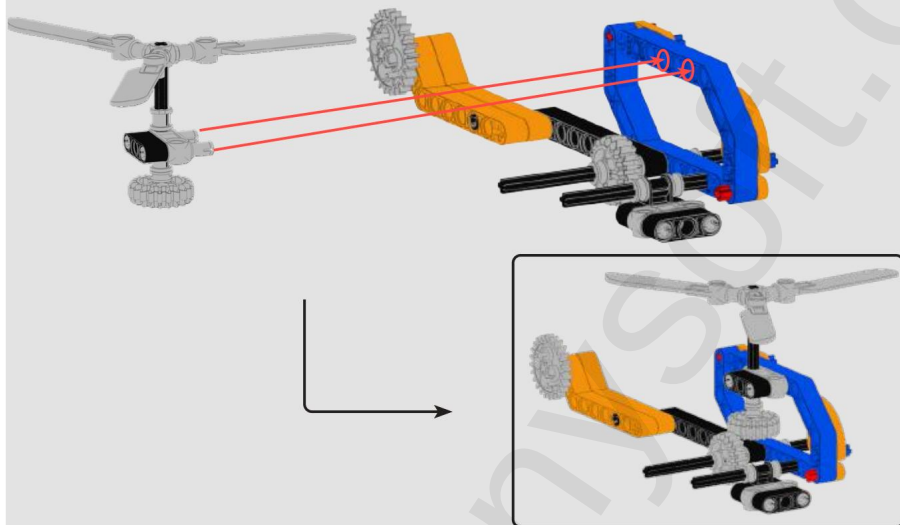
1:1



8H Remediu

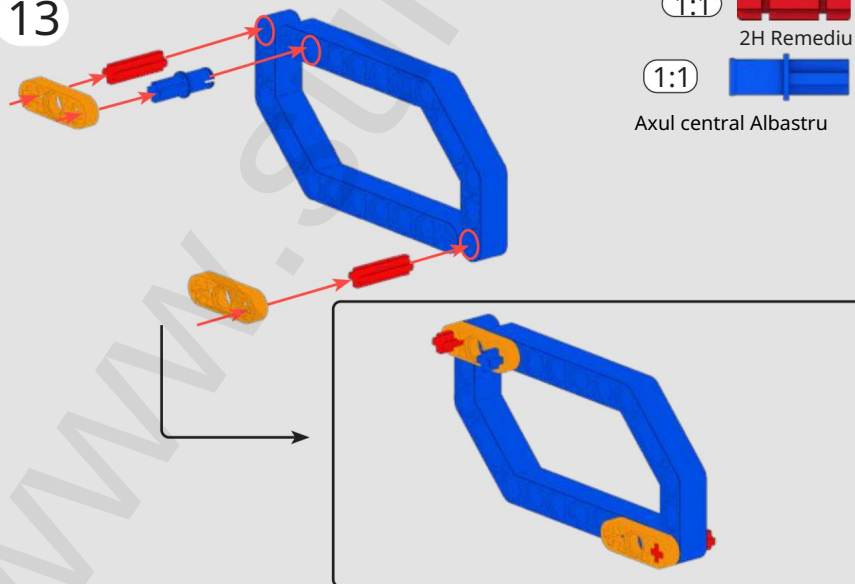


12



Să facem cealaltă parte.

13

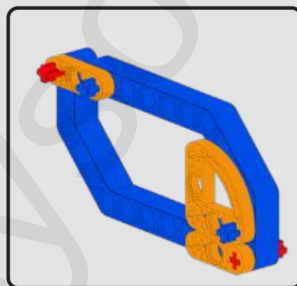
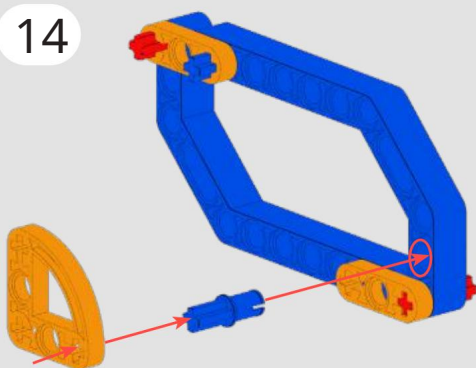


14

1:1

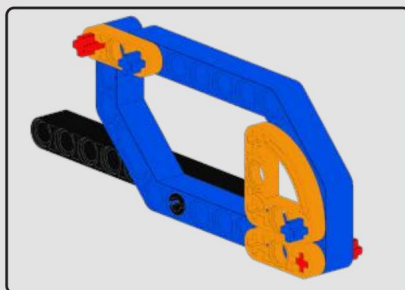
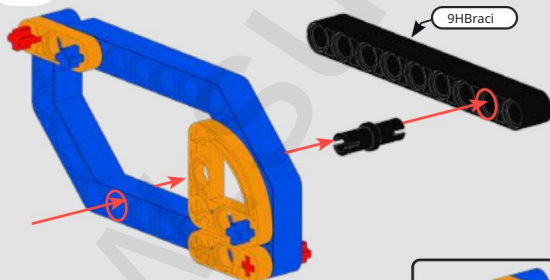


Axul central Albastru

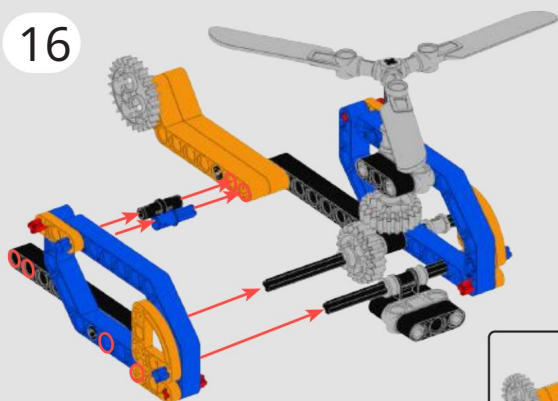


15

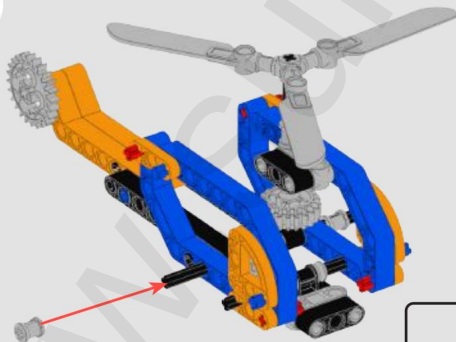
9HBraci

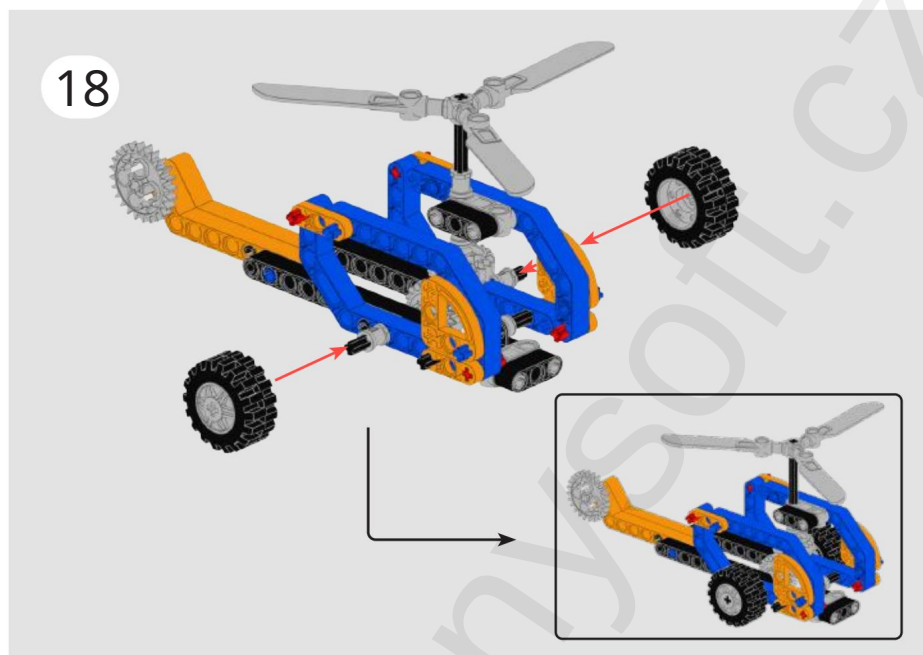


16



17

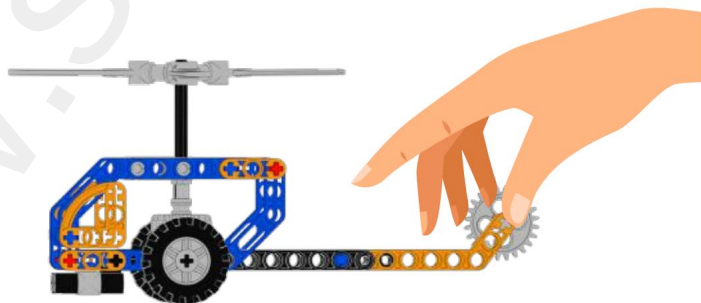




Cum să joci



Scanează QR-ul și
încarcă
proiectul tău!



Încă 5 proiecte!

Scanează codul QR pentru a debloca încă cinci proiecte



Robotizați-vă roboții!

Doriți să adăugați motoare și LED-uri la proiectele dvs. MREK și să vă jucați cu ele folosind o aplicație? Cumpărați pachetul electronic MEX și upgrade-vă kitul!



Scanează și cumpără acum



Scrie-ne părerea ta!

Feedback-ul tău este în centrul creșterii noastre și ne-ar plăcea să împărtășim experiențele tale cu toată lumea. Pur și simplu scrie-ți gândurile pe această pagină, fă o fotografie, etichetează-ne și împărtășește-le în poveștile tale! #ShareYourExperience #AvishkaarAdventures

Furnizor/Distribuitor

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190 00 Praga 9

Republica Cehă

www.sunnysoft.cz



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@AvishkaarEdu

avishk^{ar}

MEX

Robotyka

Zestaw eksploracyjny

Instrukcja

obsługi



ROZWIĄZANIE
PROBLEM



MECHANICZNY
WYKONANIE



TWÓJ ZAPĄŁ



ROBOTY





„Nie śnię o
Powodzenia, pracuję
na nad tym!"

Zawartość

| | |
|-----------------------------------|----|
| Wykorzystaj w pełni swój zestaw | 04 |
| Przysięga innowatora | 05 |
| Kontrola pancerza | 08 |
| Wszystko o osiach | 11 |
| Projekt 1: Rower górski MEX (MTB) | 12 |
| Projekt 2: Samochód retro MEX | 19 |
| Projekt 3: MEX Buggy | 28 |
| Projekt 4: Wiatrak MEX | 37 |
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| więcej projektów! | 57 |
| Zrobotyzuj swoje roboty! | 58 |

Wykorzystaj w pełni swój zestaw

Wprowadzać innowacje



Złóż przysięgę innowatora

Przeczytaj Przysięgę Innowatora, o której mowa na stronie 5 i zrozum, co ona oznacza być innowatorem.



Naucz się korzystać z funkcji Build, Code i Manual/ Videos kontrola

Postępuj zgodnie ze szczegółowymi instrukcjami zawartymi w instrukcji, aby dowiedzieć się, jak zbudować niesamowite roboty przy użyciu własnego zestawu.



Twórz innowacyjne projekty z Twoje zestawy i steruj robotami za pomocą Aviskaar Remote i kod za pomocą Avishkaar Maker Studio.

Udział

Wygrać



Dołącz do Let's Aviskaar

Dołącz do naszej społeczności na Facebooku - nawiąż kontakt z innowatorami i otrzymuj najnowsze informacje o webinarach.



Prześlij projekty

Prześlij projekty na stronę www.avishkaar.cc i podziel się nimi z innowatorami z całego świata.



Międzynarodowy konkursy

Bierz udział w cotygodniowych, miesięcznych i rocznych konkursach i zdobywaj sławę na całym świecie.



Przysięga innowatora

Złóż Przysięgę Innowatora poniżej, aby zobowiązać się do dożywotniego zaangażowania w innowację i rozwiązywanie problemów. Udostępnij zdjęcie w społeczności Let's Avishkaar na Facebooku.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Badać
mój zestaw

Witamy w Aviskaar

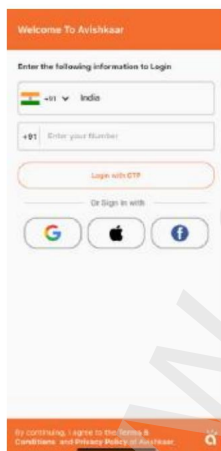
Pobierz aplikację Aviskaar

Pobierz aplikację Avishkaar, skanując poniższe kody QR:



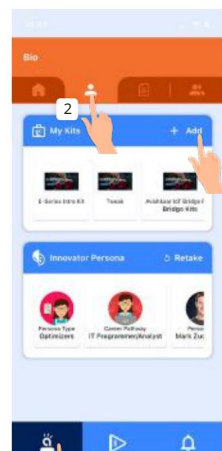
1 Utwórz konto

Otwórz aplikację i postępuj zgodnie z instrukcjami wyświetlanymi na ekranie, aby utworzyć konto.



2 Zarejestruj swój zestaw

Przejdź do sekcji „Profil” w aplikacji i kliknij „+ Dodaj więcej” w sekcji „Moje zestawy”, aby zarejestrować swój zestaw. Ten krok jest ważny dla późniejszego sterowania robotem.



Product Registration
Sticker

Kontrola pancerza

Skrzynka 1 (Części budynku)

Belka



9H
Belka
x2



7 godzin
Belka
x2



5 godzin
Belka
x4



3 godzin
Belka
x2

„Uwaga: „H
oznacza dziury.
Np. belka 15H
oznacza belkę z 15
otworami.



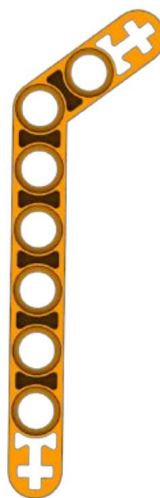
2Cx1H
Cienka wiązka
x4



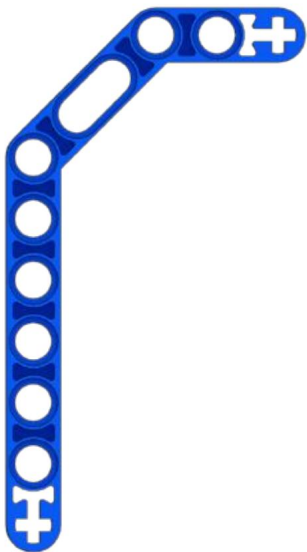
1Cx1H
Belka
x2



3Cx2H
Thin-D
x2



2C x7H
Proste zgięcie
x2



2Cx10H Belka
podwójnie
zginana
x 4

WYPEŁNIACZE



Wypełniacz osi -
duży x 4



Wypełniacz osi - mały
x 6

Wiosłować



Łopata x 3

Przenosić



Zębatka 24T x 2



20T Podwójna
przekładnia
stożkowa
x 2

Koło



Mały rower
x 4

PINY



Długa szpilka niebieska x 2



Średnia szpilka czarna x15



Sworzeń osi środkowej -
niebieski x
6

ZŁĄCZA



Złącze pinowe 3Hx4 x 2



Złącze potrójnej osi
x 1



Złącze osiowe z trzema
pinami x 2



1C x 1H Złącze kątowe
x 1

Gumka recepturka



Gumka
recepturka x 3

Otwór

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

Belka



głaz

UWAGA: Osie są 1 :1 z wydrukiem
gniazda 

Zaradzić



głaz

(1)



9

(1)



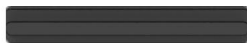
8

(2)



6

(1)



4

(2)



3

(1)

1:1



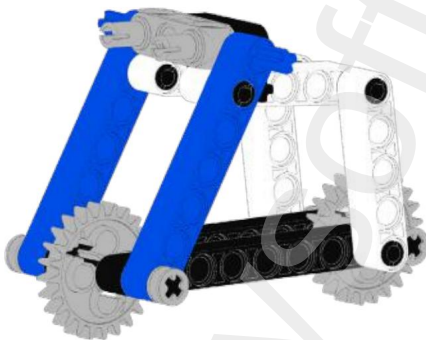
2

(4)

Wskaznik

Projekt 1: Rower górski MEX (MTB)

Budujmy!



Rzeczy, których potrzebujemy



9H
Belka x 2



5 godziń
Belka x 4



3 godziń
Belka x 1



4 godziń
Lekarstwo
x 2



6H
Środek
zaradczy x 1



Środkowy
pin - czarny x
4



Sworzeń osi
środkowej - niebieski
x 2



3Hx4Pin
Złącze
x 1



Czołowy
koło zębate
24T
x 2

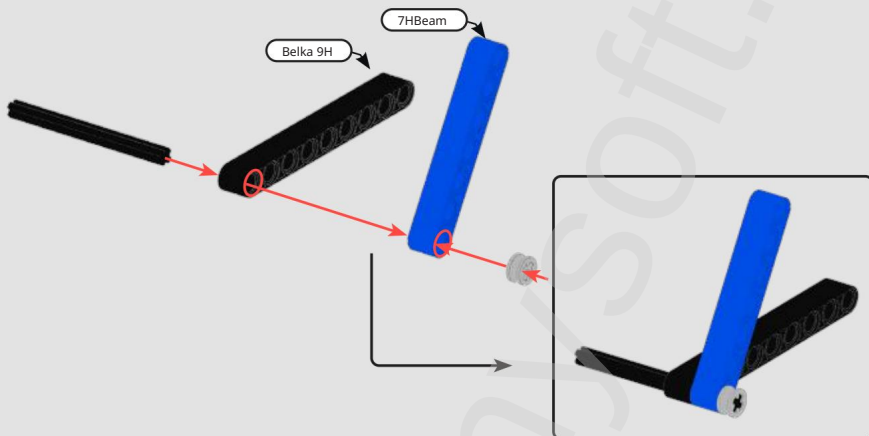


Wypełniacz
osi -
mały x 5

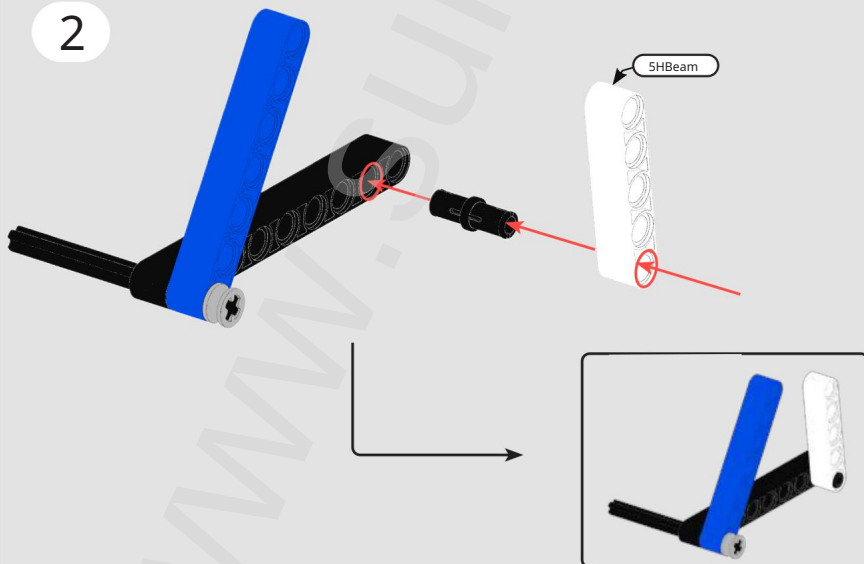
1:1

6H Remedy

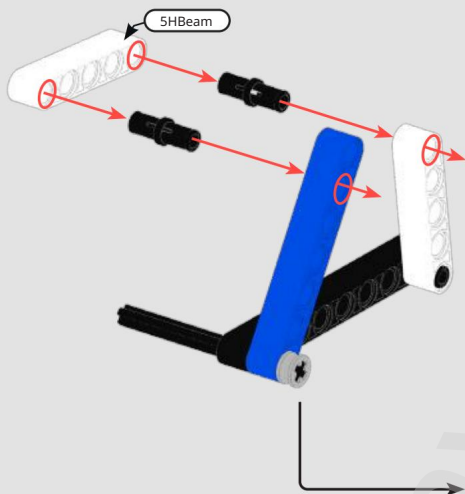
1



2



3

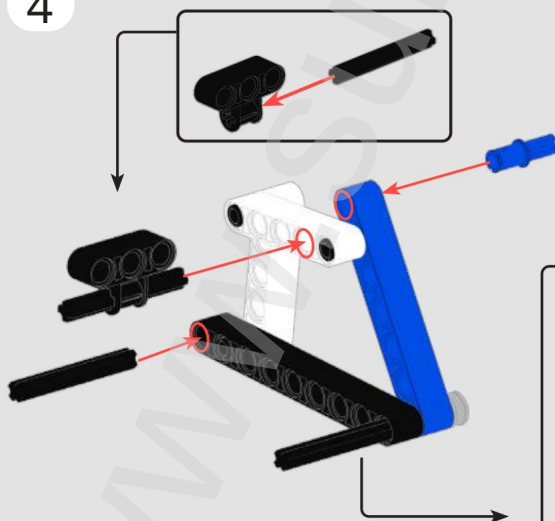


1:1

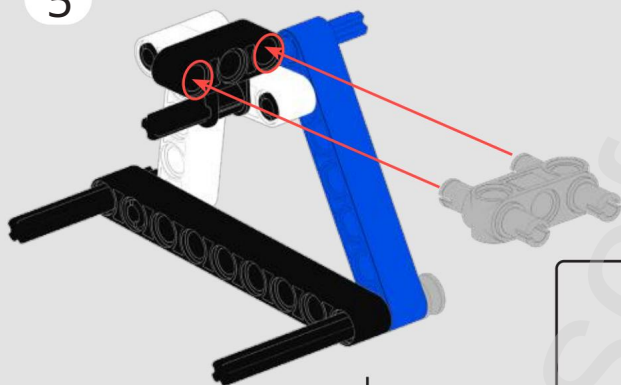


4H Remedy

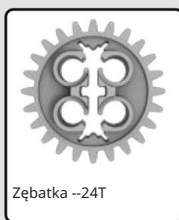
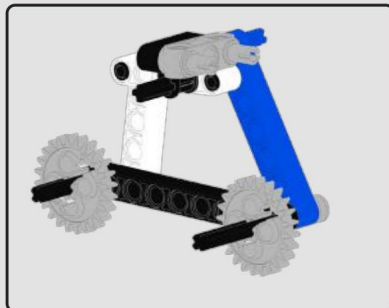
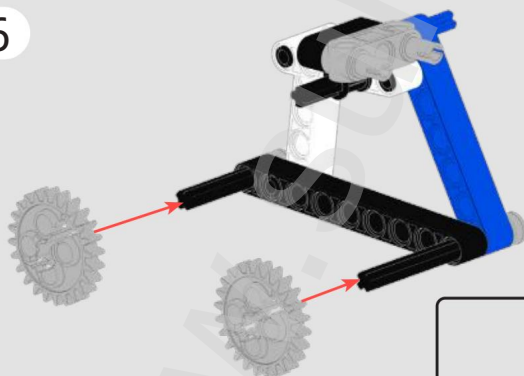
4



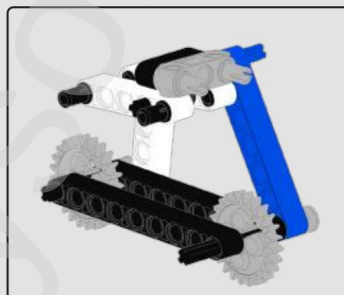
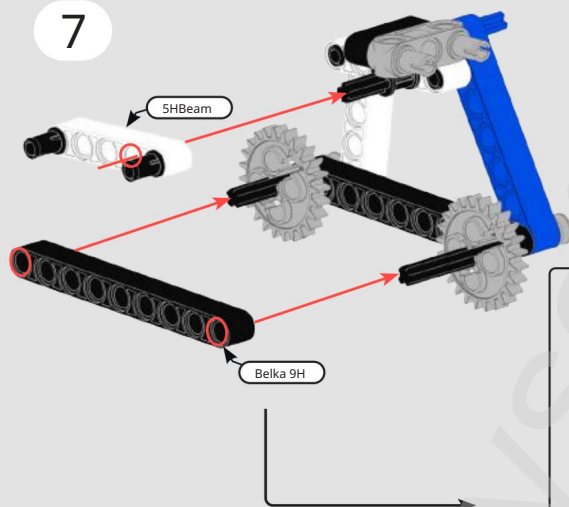
5



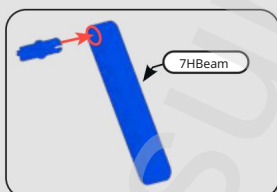
6



7



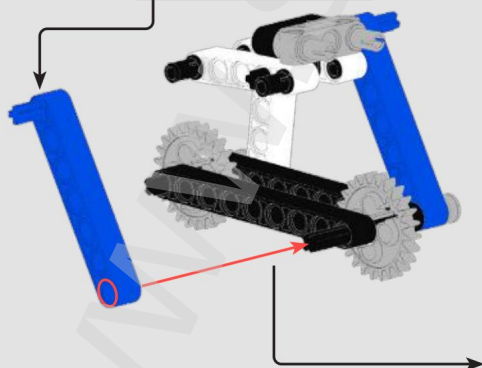
8



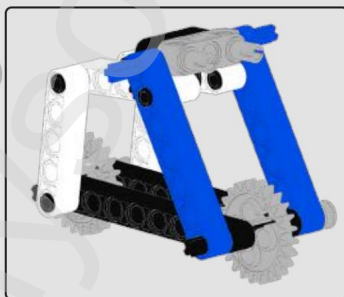
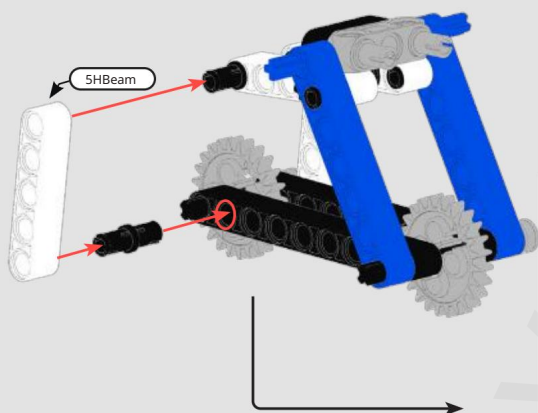
1:1



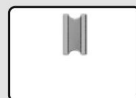
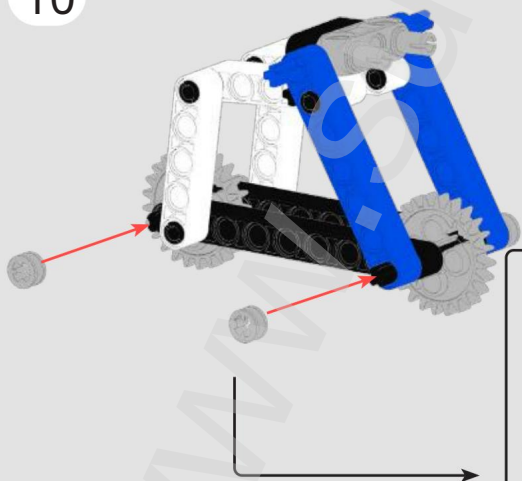
Sworzeń osi środkowej
niebieski



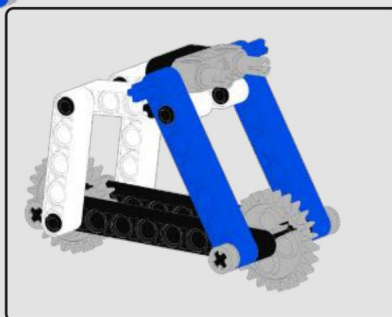
9



10



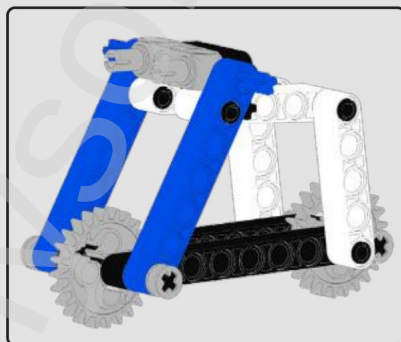
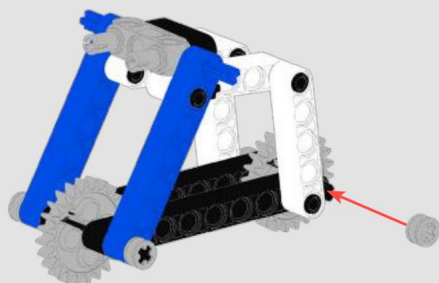
Wypełniacz osi - mały



11



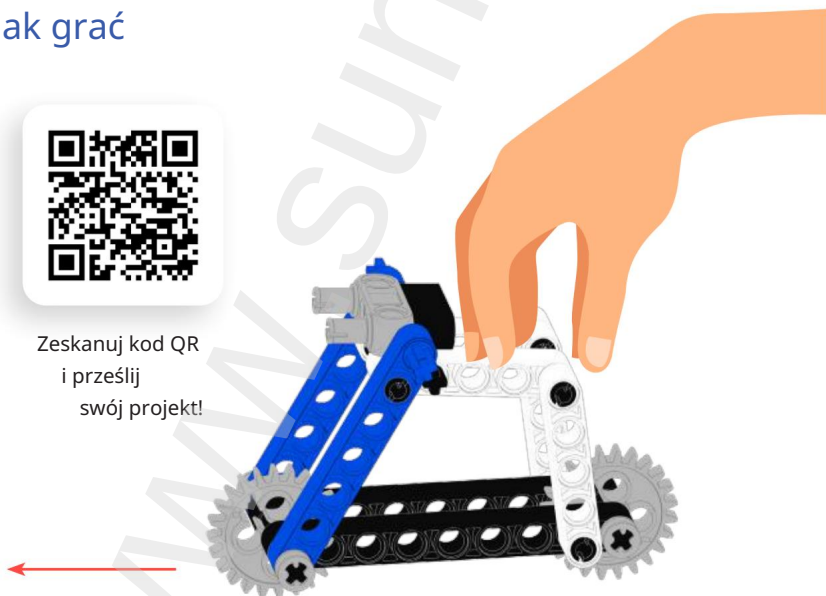
Wypełniacz osi - mały



Jak grać

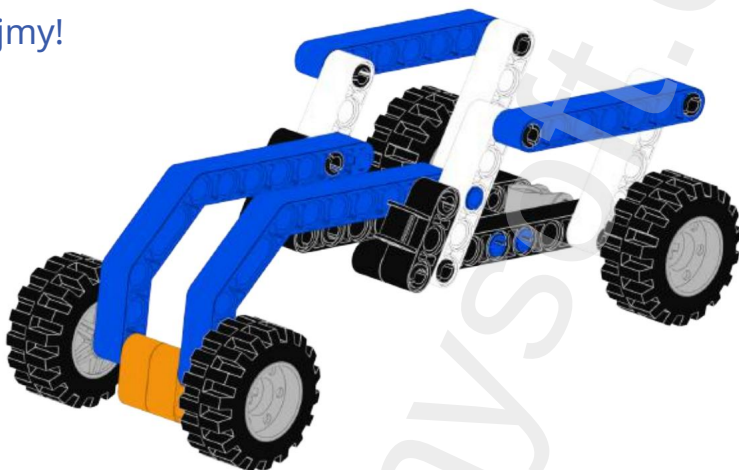


Zeskanuj kod QR
i prześlij
swój projekt!



Projekt 2: Samochód retro MEX

Budujemy!



Rzeczy, których potrzebujemy



9H
Belka
x2



7 godzin
Belka
x2



5 godzin
Belka
x4



3 godzin
Belka
x2



2Cx10H
Podwójne zagięcie
Belka
x 2



1Cx1H
Belka
x2



Przypnij średnio
osię-niebieskie
x2



Średnia szpilka czarna
x13



Długi
niebieski jak szpilka
x2



3Hx4Pin
Złącze
x2



1Cx1H
Prostopadły
złącze
x 1



Trzypinowy
sworzeń
złącza osi
x 1



Oś 6H x 1



Oś 10H x 1



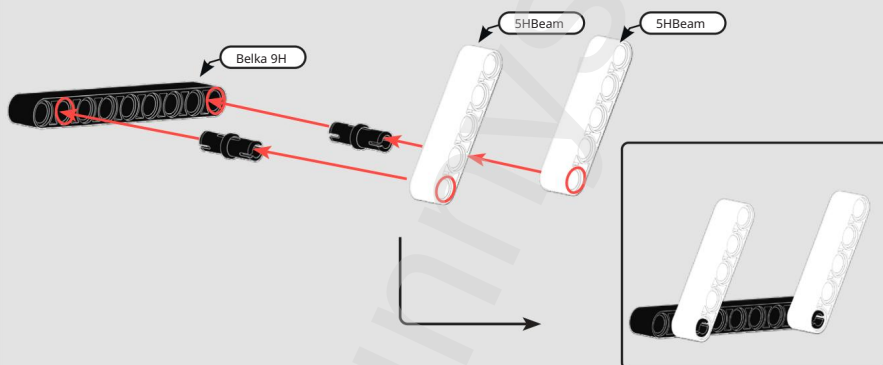
Koło
x4



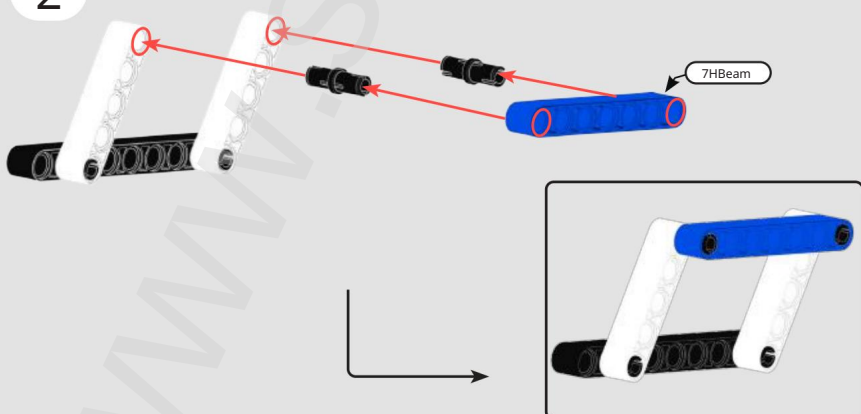
Gumka
recepturka x 1

Kroki

1



2

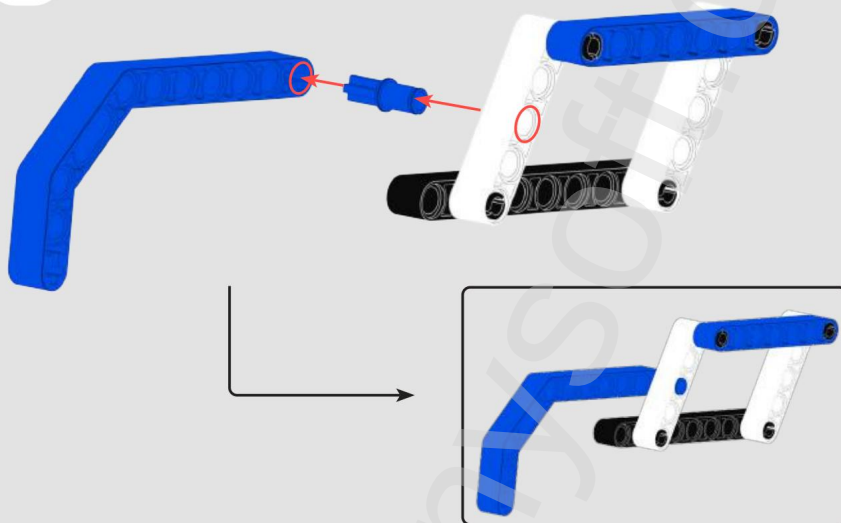


3

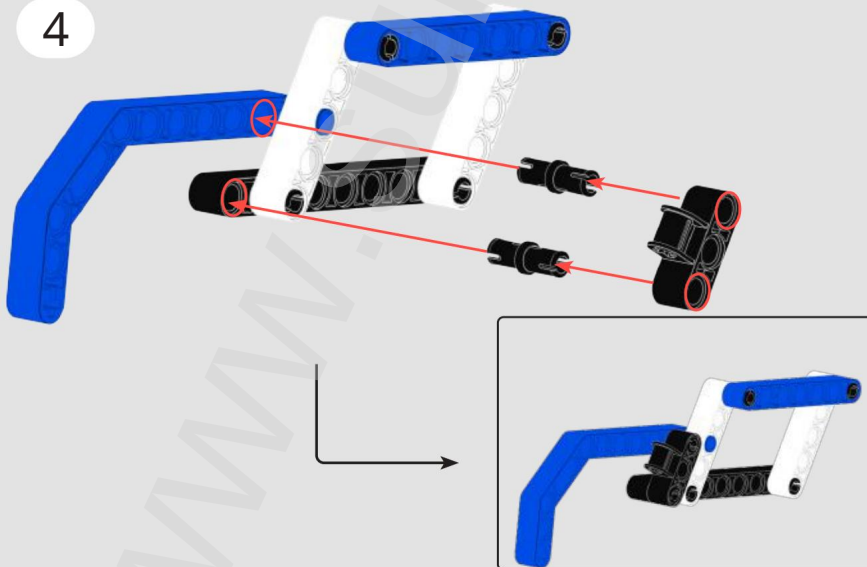
1:1



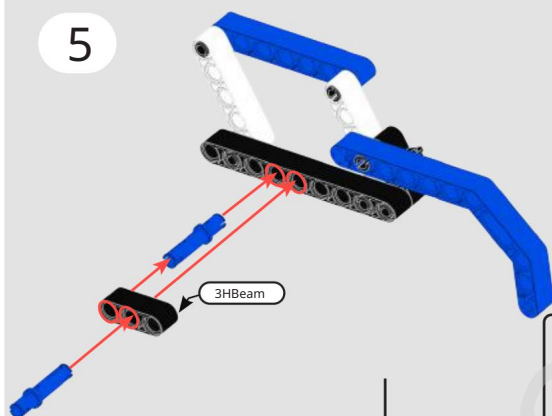
Stworzeń osi środkowej niebieski



4



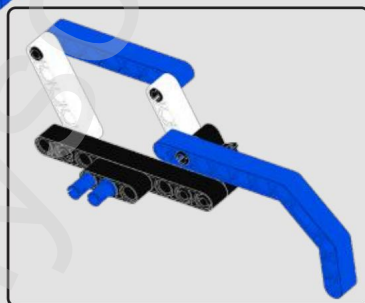
5



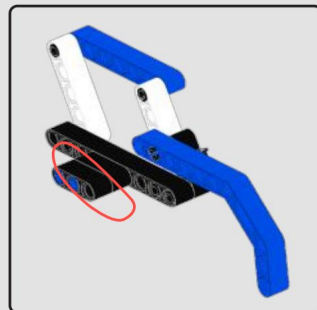
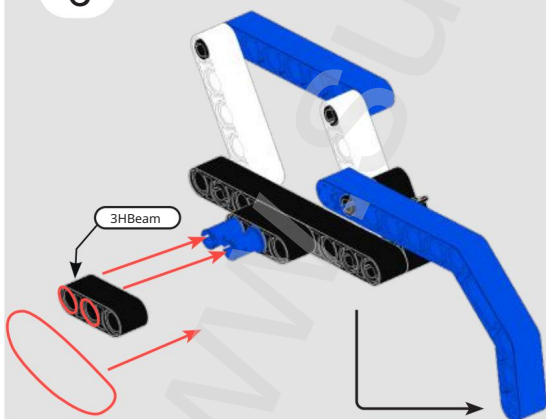
1:1



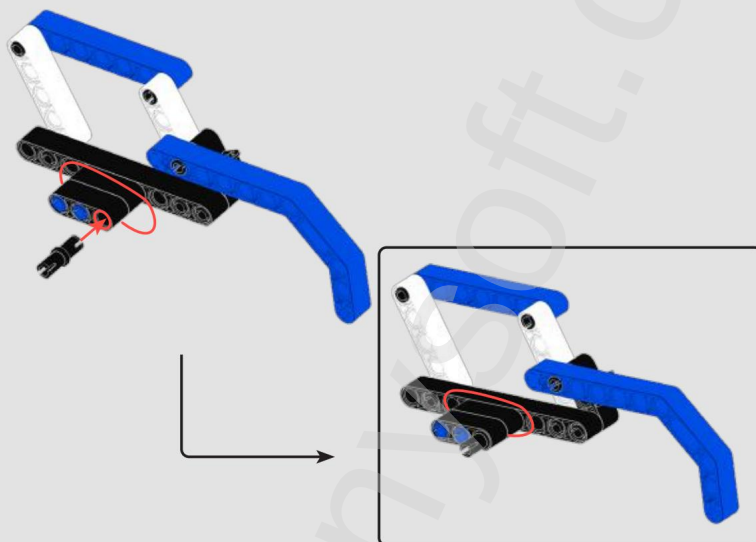
Długa szpilka niebieska



6

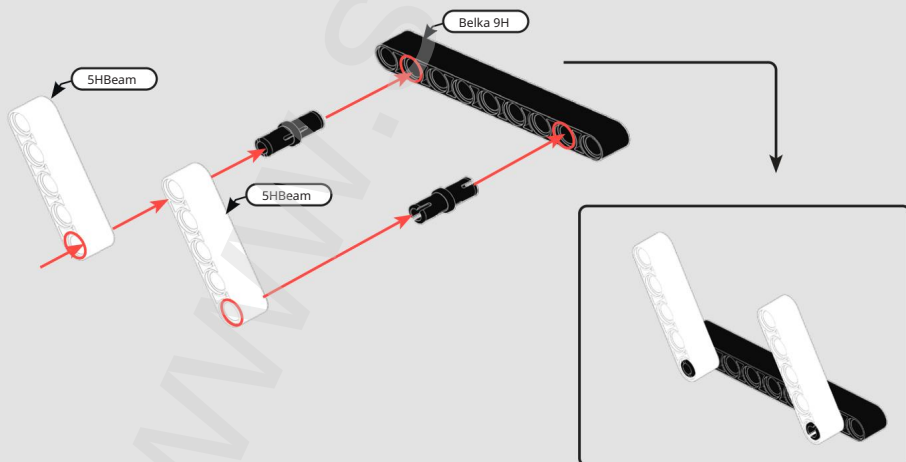


7

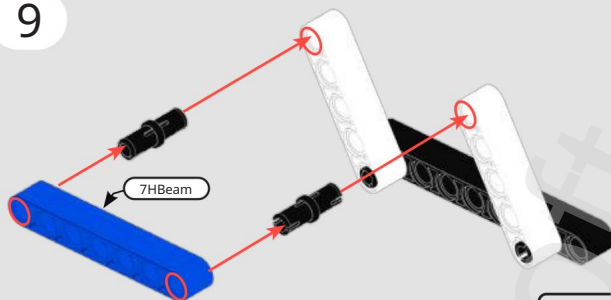


Zróbmy drugą stronę.

8



9

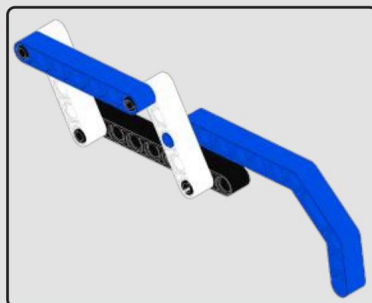
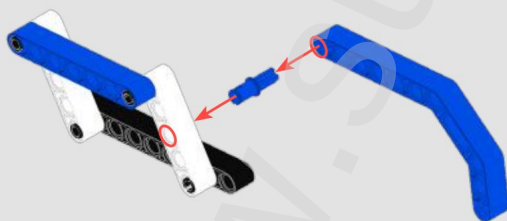


10

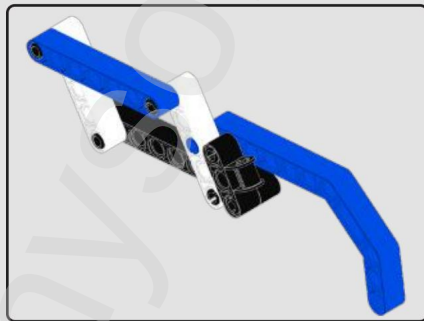
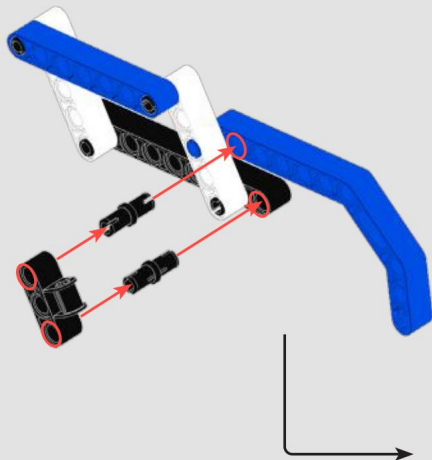
1:1



Sworzeń osi środkowej
niebieski



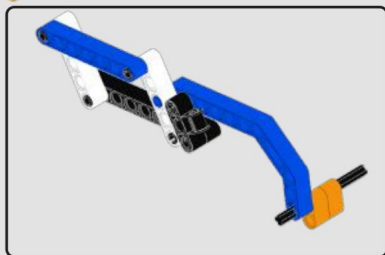
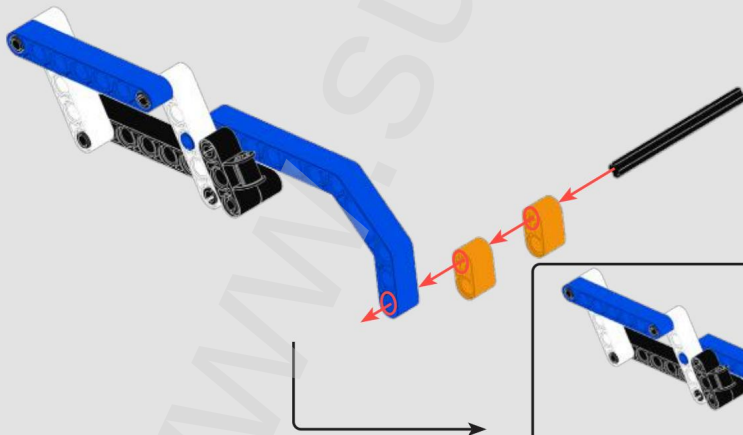
11



1:1

6H Remedy

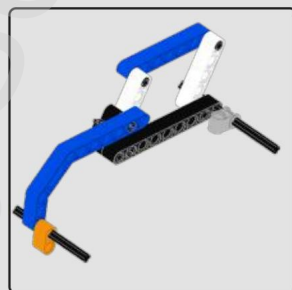
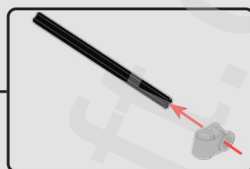
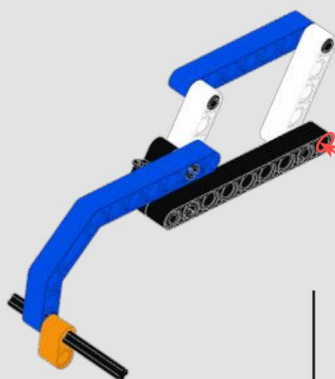
12



13

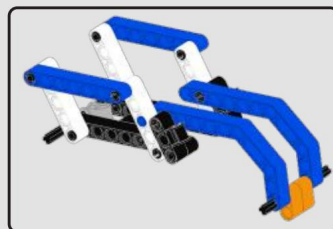
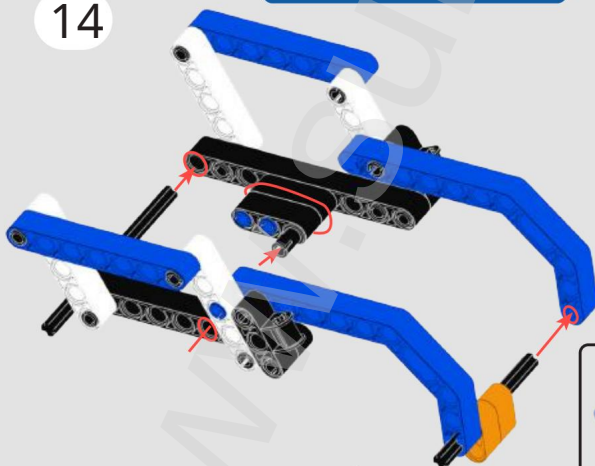
1:1

8H Remedy

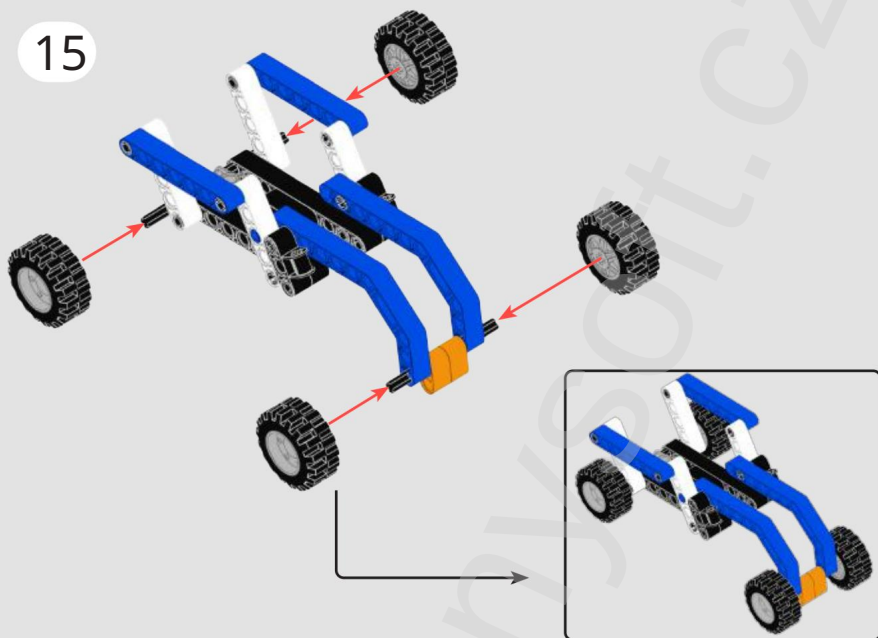


14

Składamy obie strony.



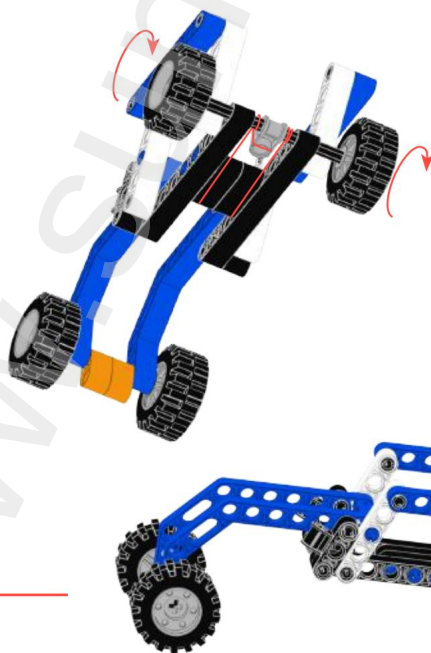
15



Jak grać



Zeskanuj kod QR
i prześlij
swój projekt!



Projekt 3: MEX Buggy

Budujmy!



Rzeczy, których potrzebujemy



Belka 7H
x2



2Cx7H
Prosty
pochylenie się
belka x 2



Sworzeń osi
środkowej
- niebieski
x4



8H Remedy
x 1



Pożywny
osie -
małe x 2



Gumka recepturka
x 1



5 godzin

Belka
x2



3Cx2H
Thin-D
x2



Środkowy pin
- czarny x 4



10H Remedy
x 1



Trzypinowy
prostopadły
łącznik osi
x 1



2Cx10H
Podwójnie
pochylenie się
belka
x2



1Cx1H
Belka
x2



6H
Zaradzić
x 1

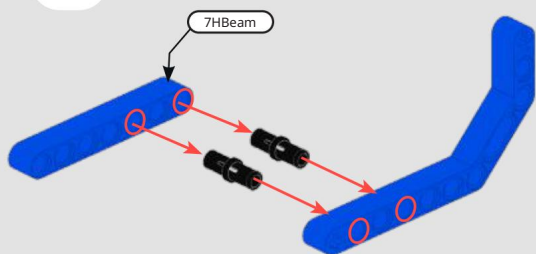


Pożywny
osie -
duże
x4



Koło
x4

1

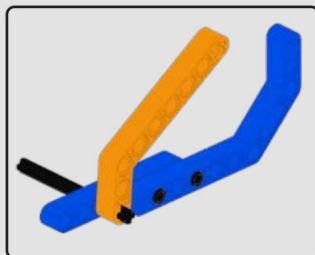
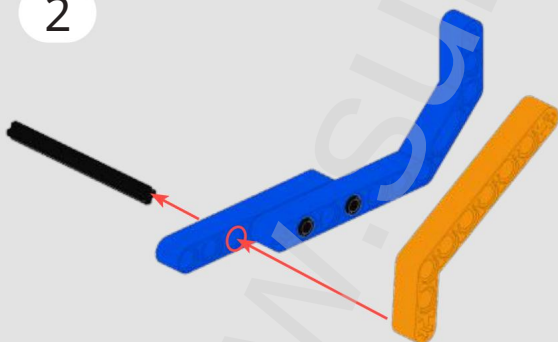


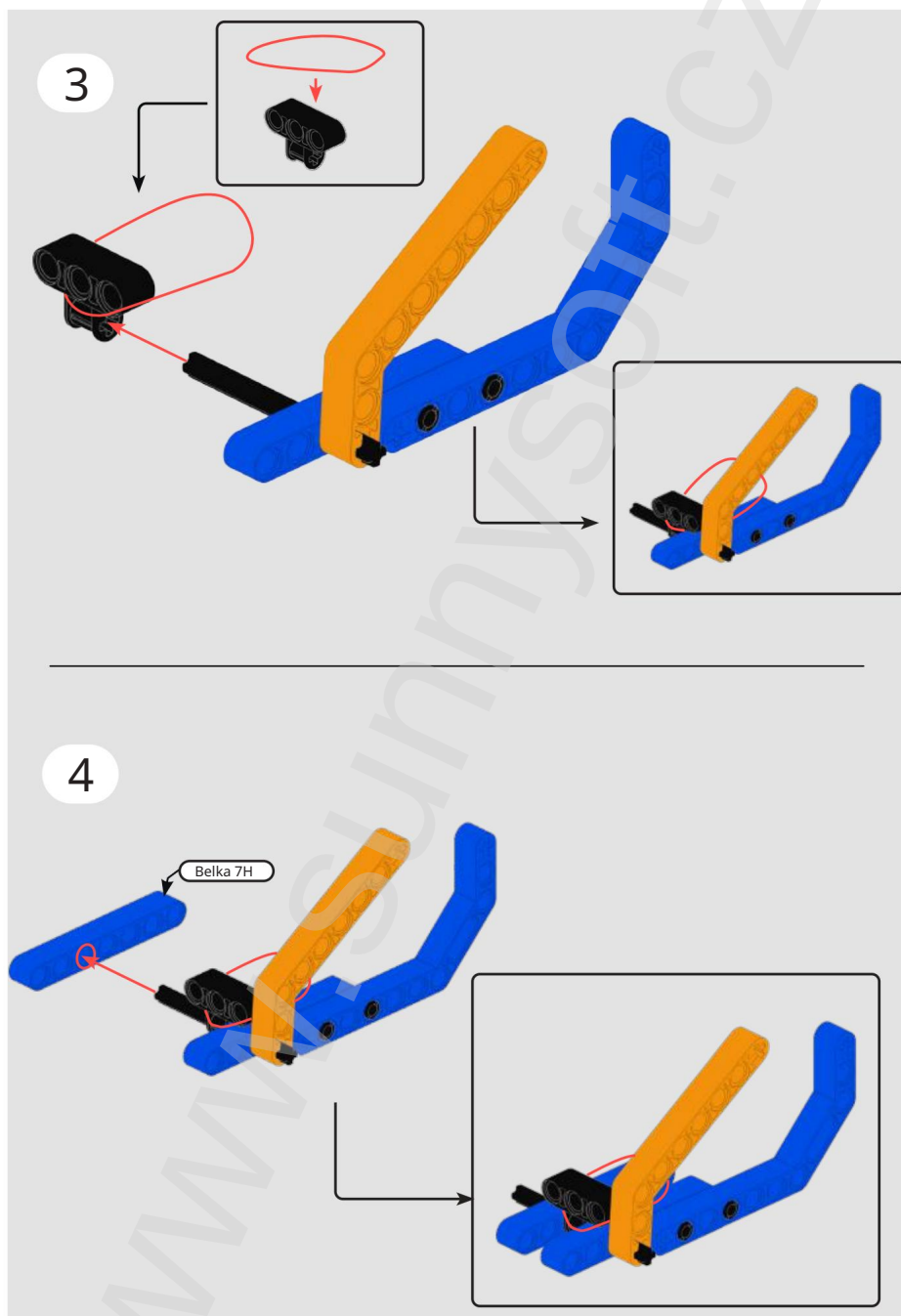
2

1:1



6H Remedy

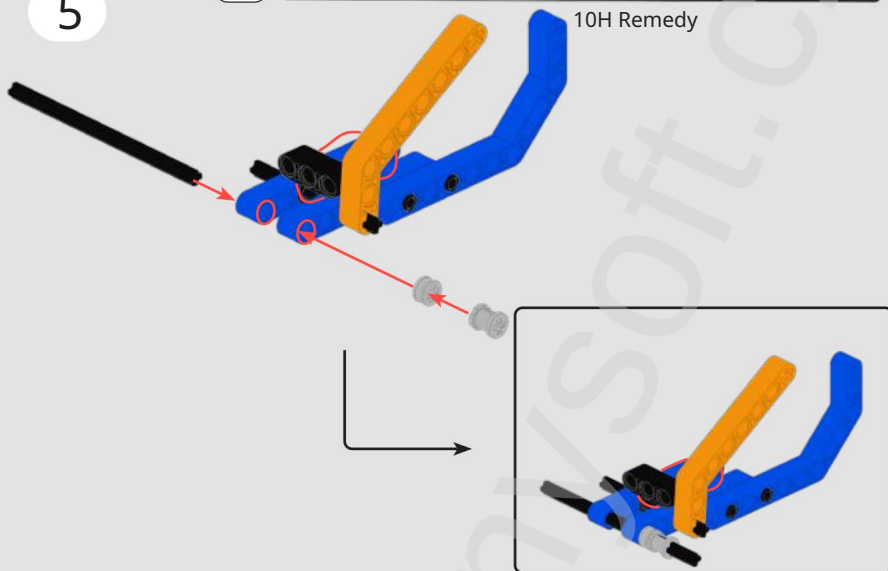




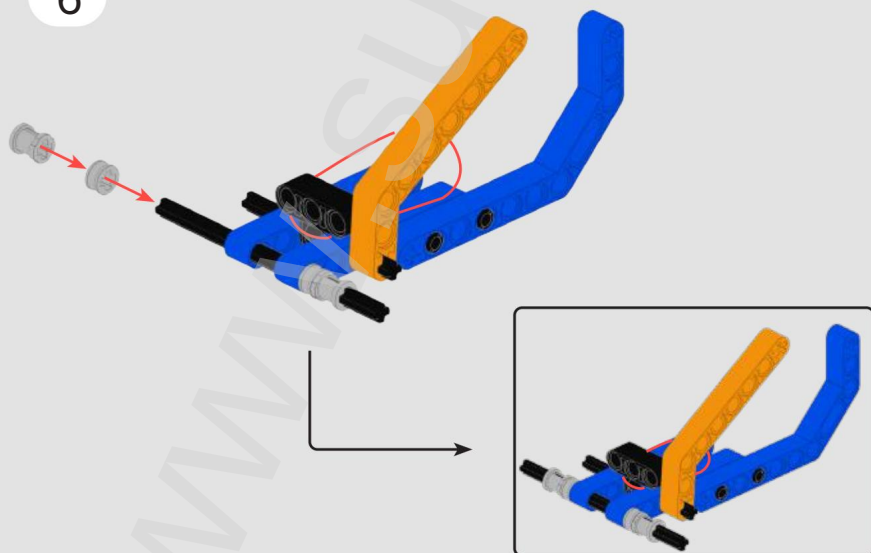
5

1:1

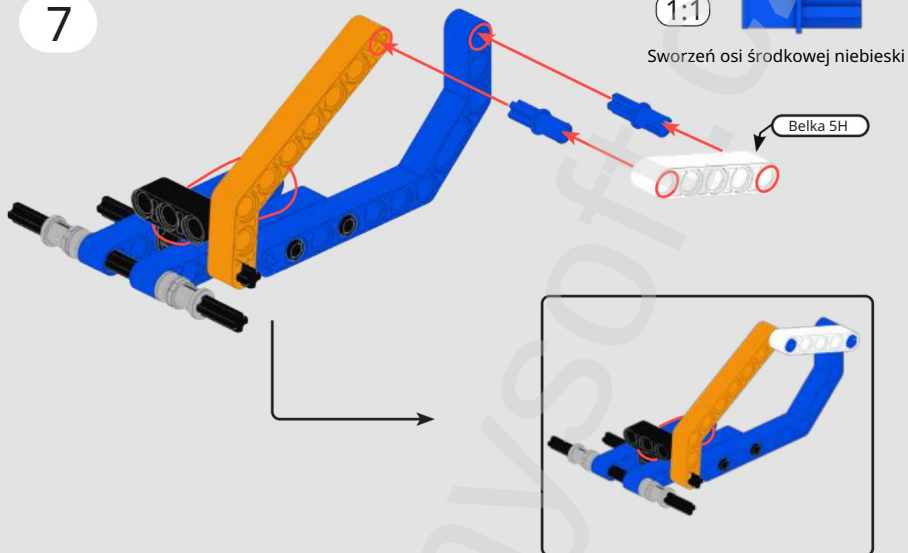
10H Remedy



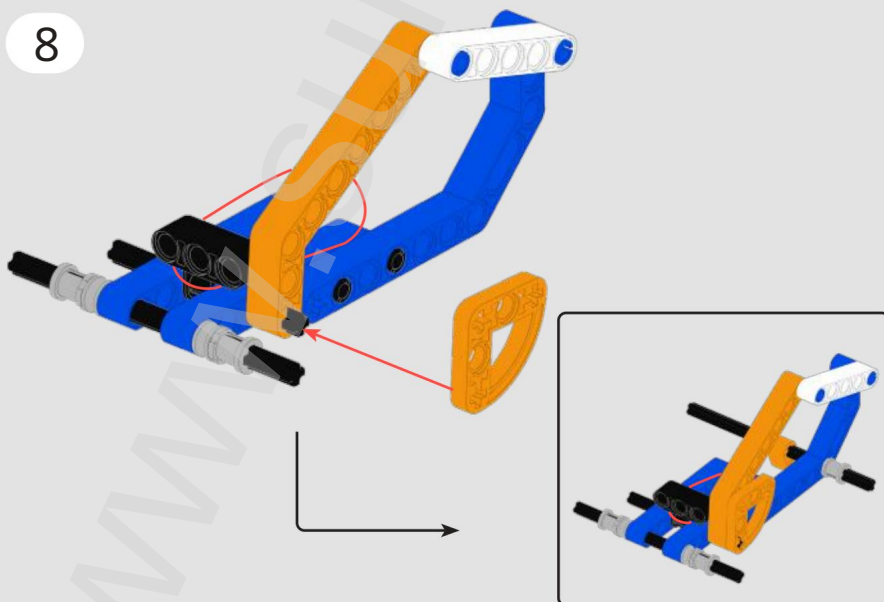
6



7



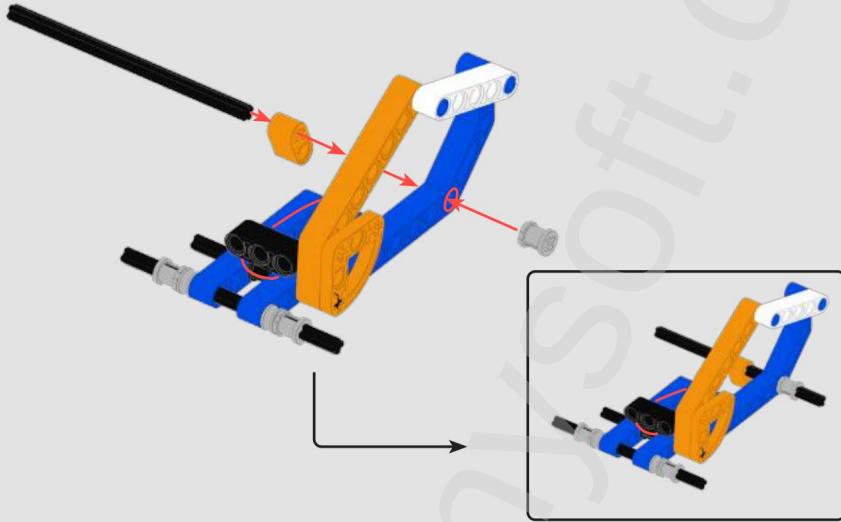
8



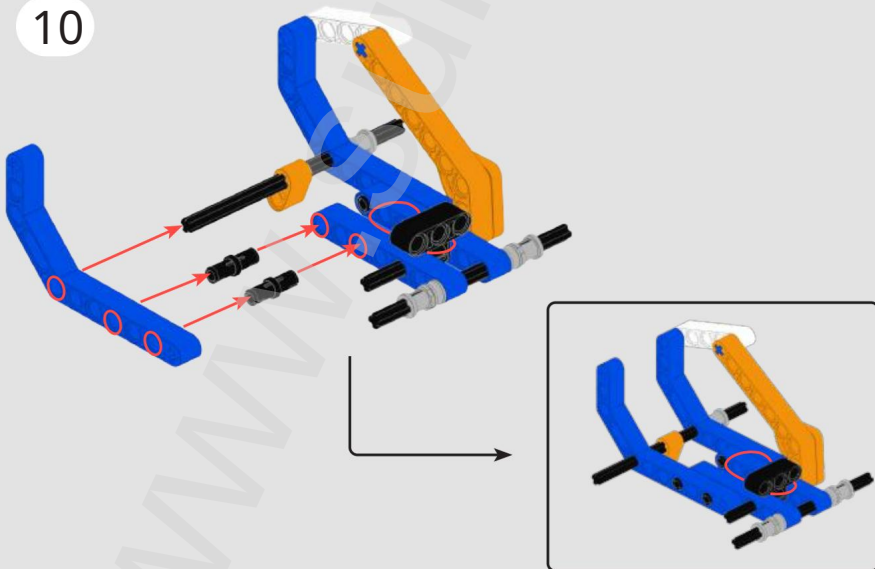
1:1

8H Remedy

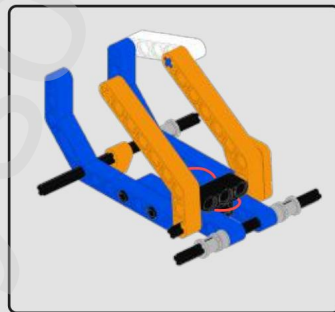
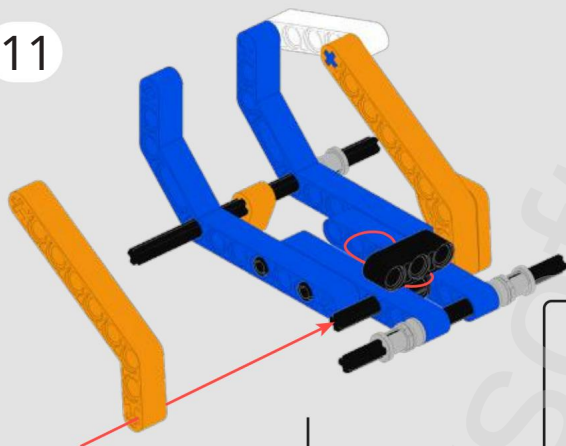
9



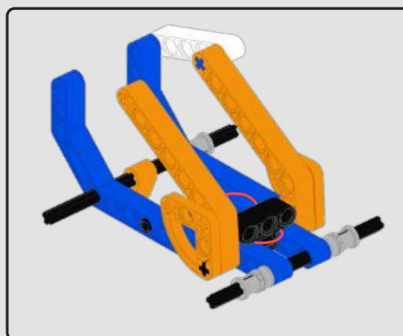
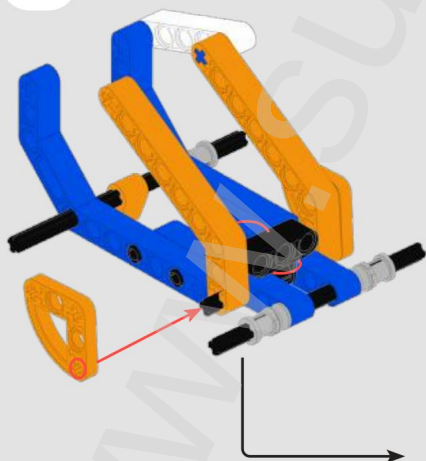
10

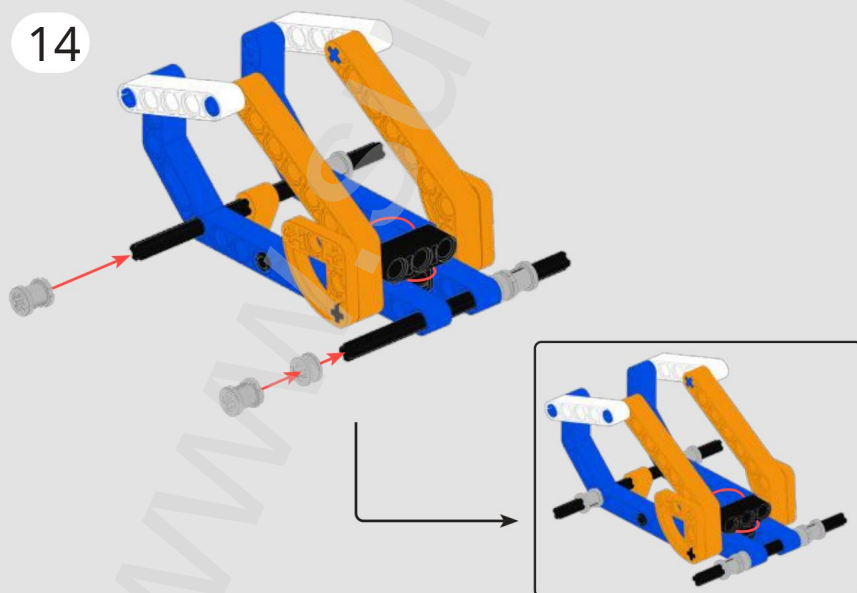
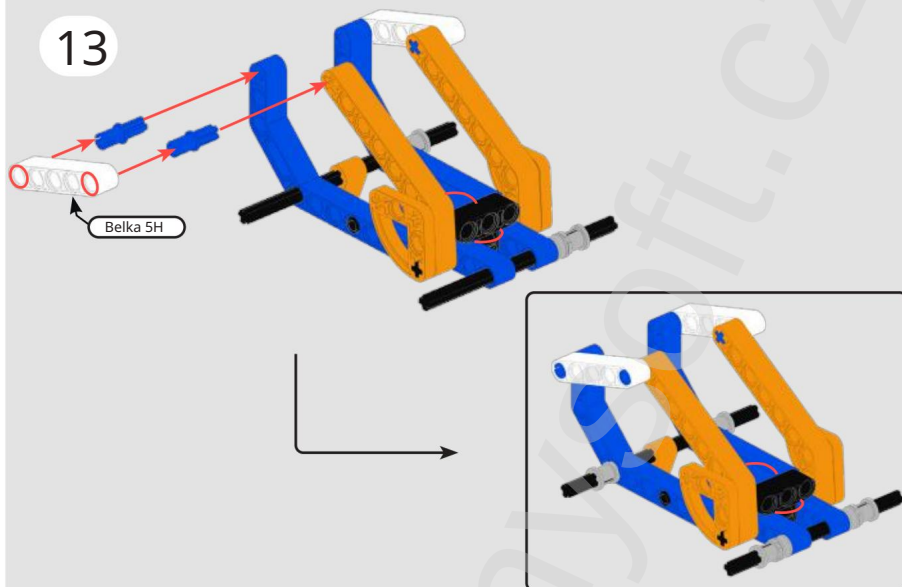


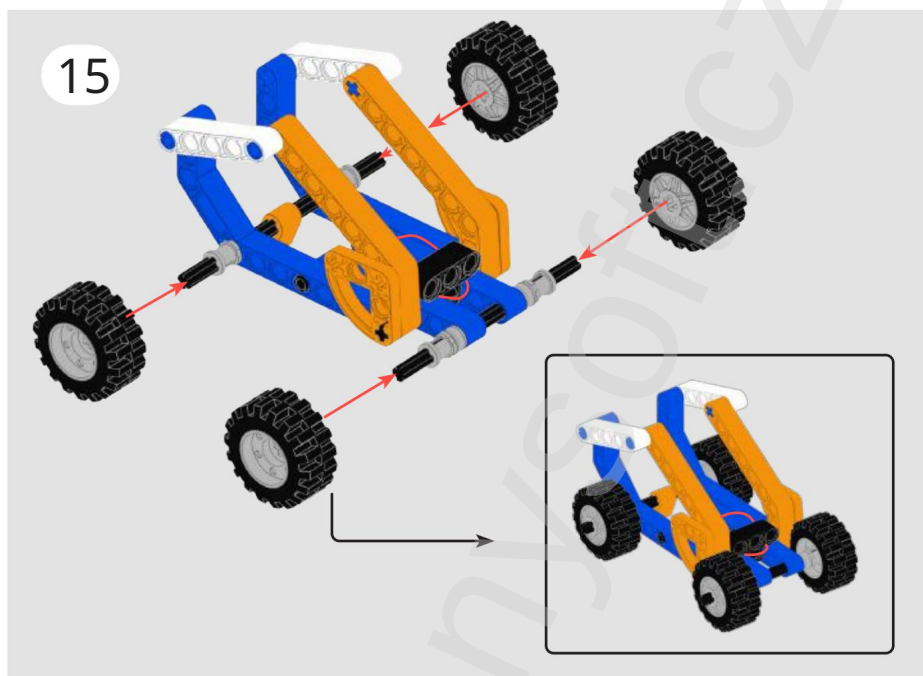
11



12



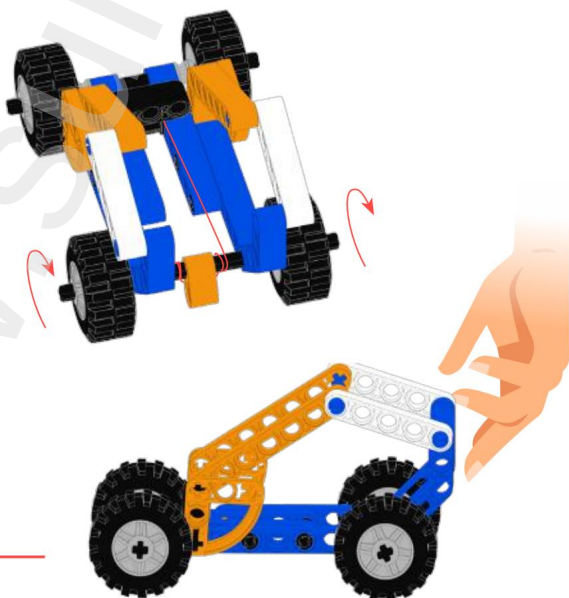




Jak grać

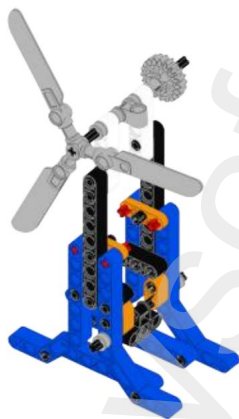


Zeskanuj kod QR
i prześlij
swój projekt!



Projekt 4: Wiatrak MAX

Budujmy!



Rzeczy, których potrzebujemy



Belka 9H
x2



Belka 5H
x2



3 gniazda
Belka
x2



2Cx10H
Podwójnie
pochylenie się
belka
x4



2Cx1H
Cienka
belka
x2



1Cx1H
Belka
x2



2 gniazda
Zaradzić
x4



8 gniazda
Zaradzić
x 1



10H
Zaradzić
x 1



Wiosłować
x3



Potroić
złącze
osie
x1



Pożywny
osie - małe
x5



Średni
PinBlack
x 14



20T Podwójny
stożkowy
mechanizm napędowy
x 1



Pożywny
osie-duże
x4



Złącze osiowe
trzypinowe
x 1

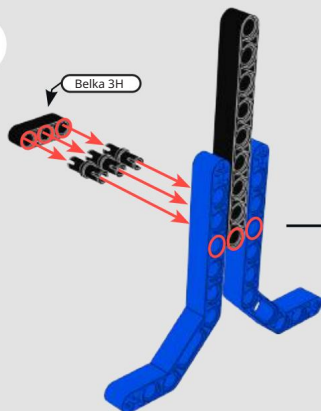


1Cx1H
Łącznik
prostopadły
x 1

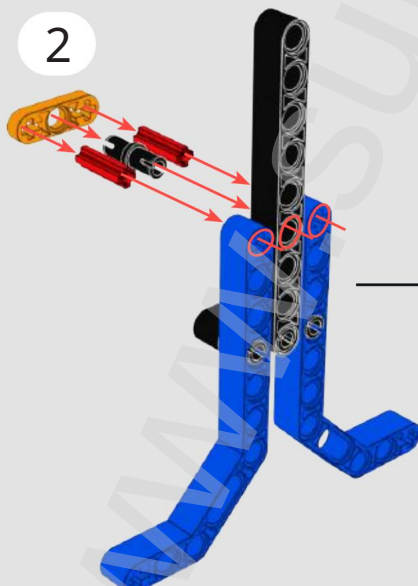


Gumka
recepturka x 1

1

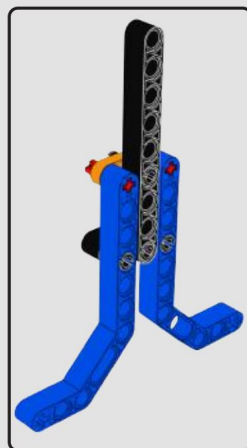


2

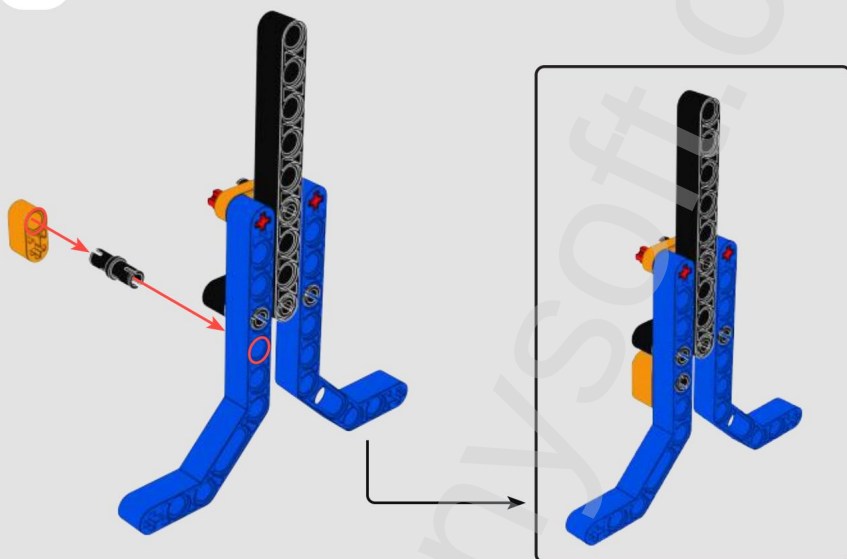


1:1

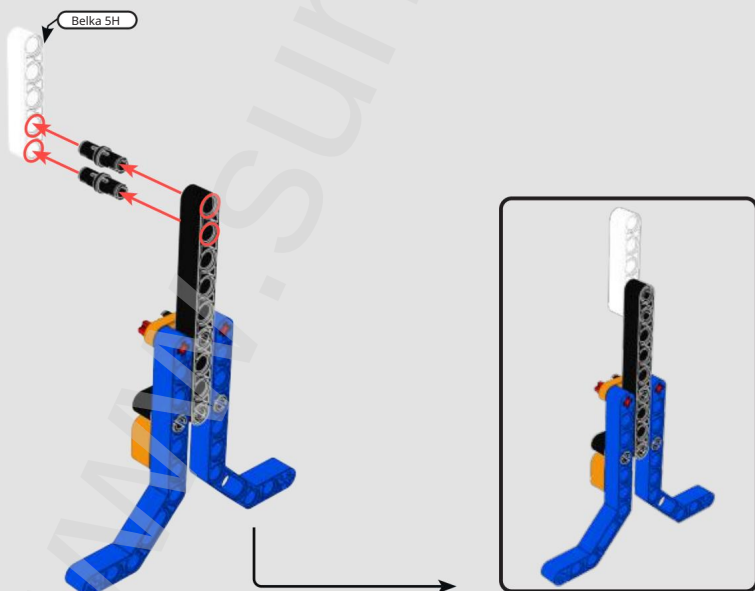
2H Remedy



3

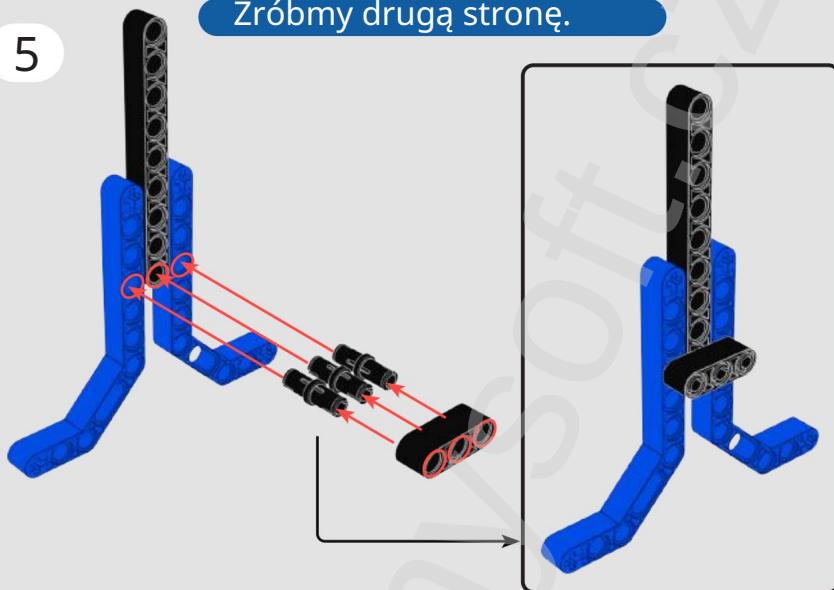


4



5

Zróbmy drugą stronę.

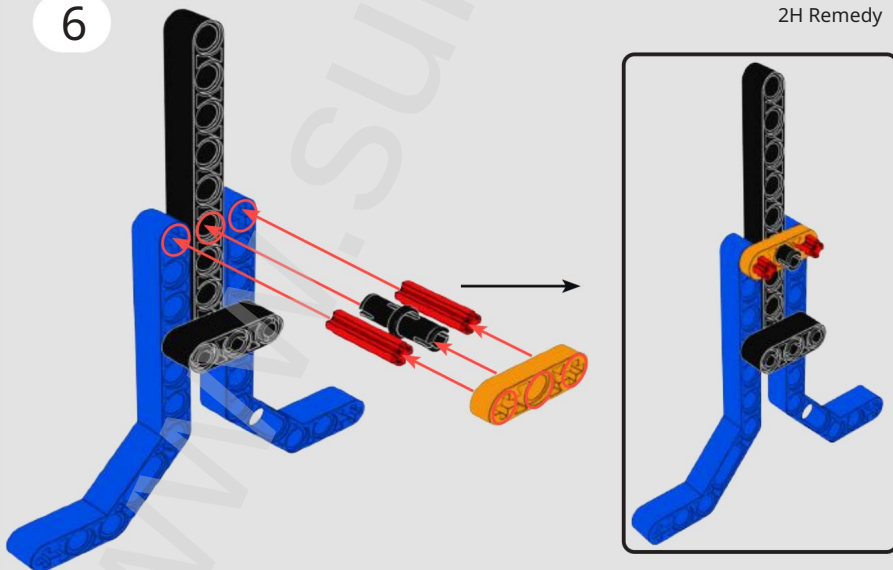


6

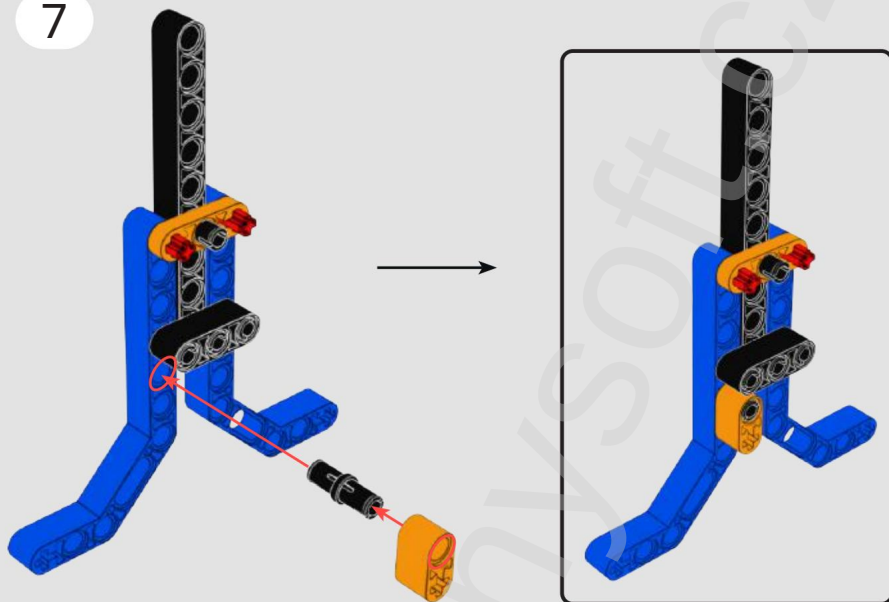
1:1



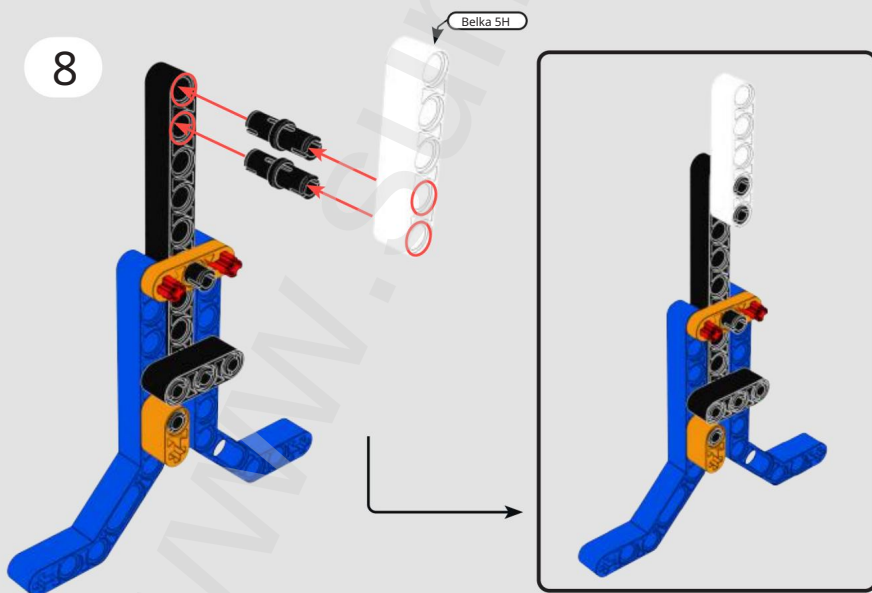
2H Remedy



7



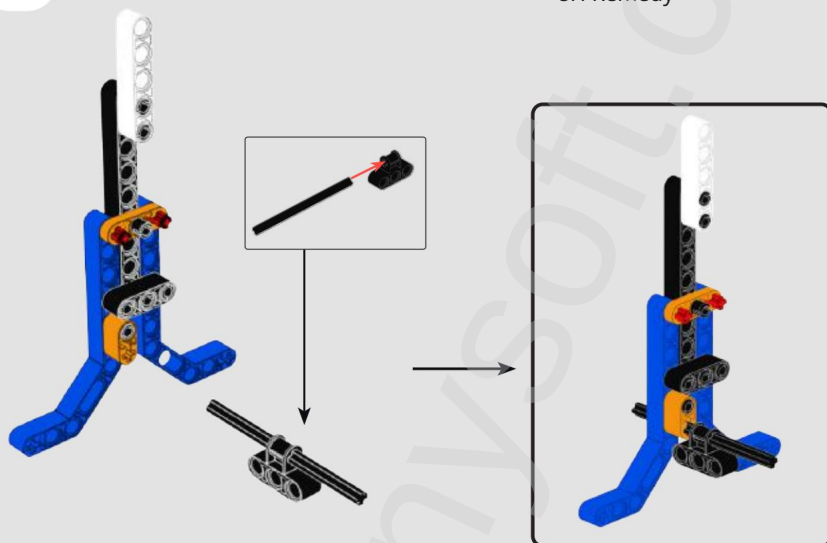
8



9

1:1

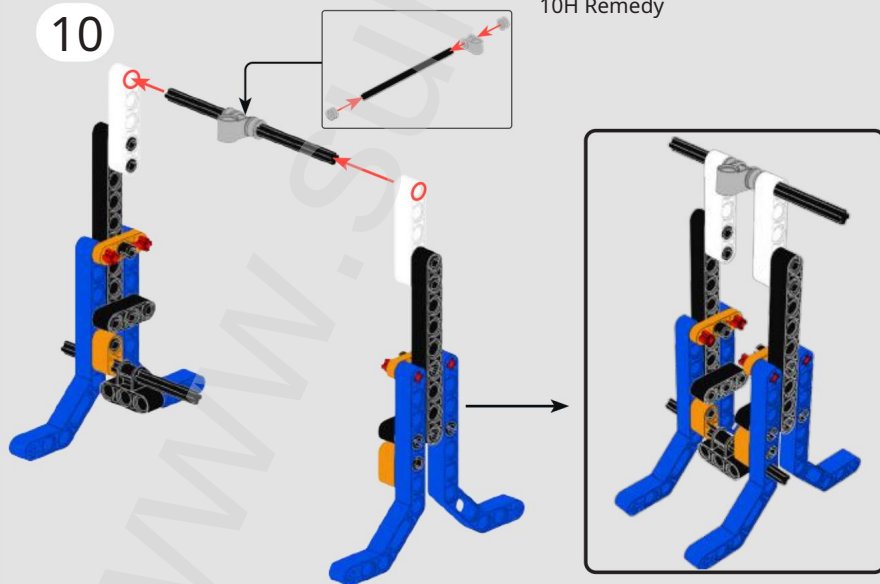
8H Remedy



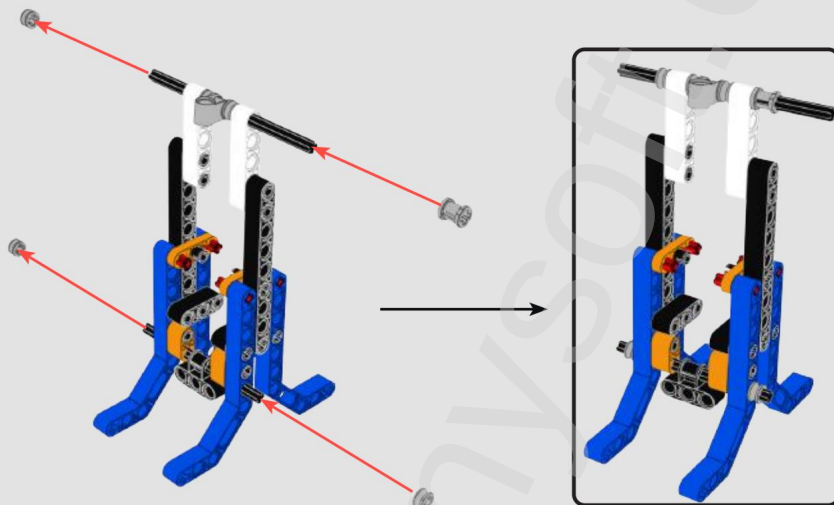
1:1

10H Remedy

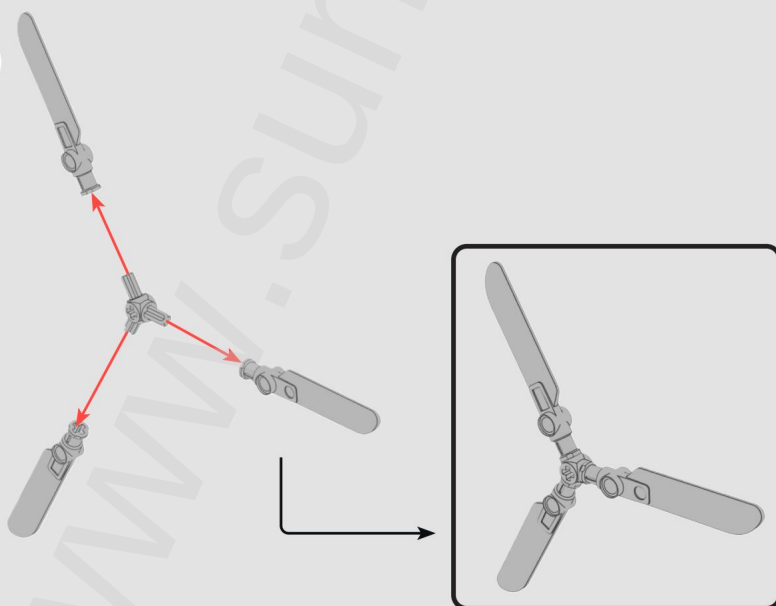
10



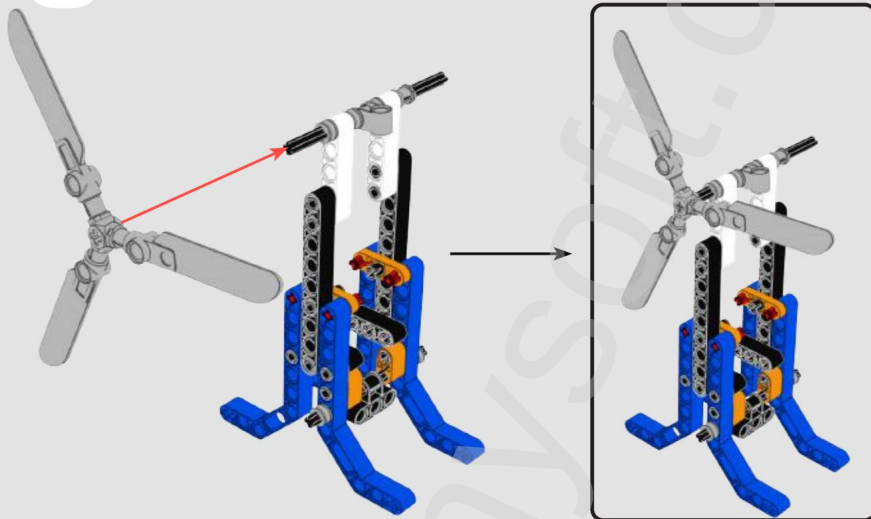
11



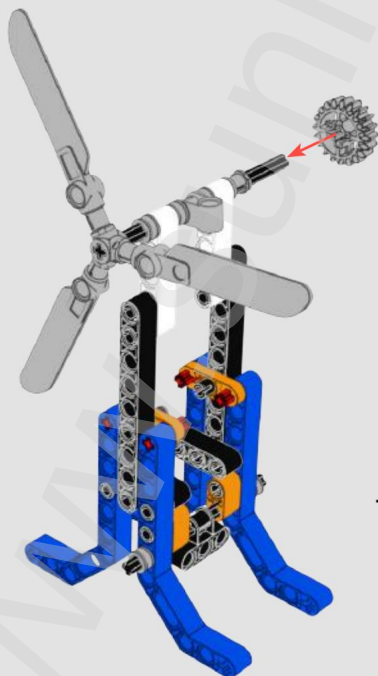
12



1213

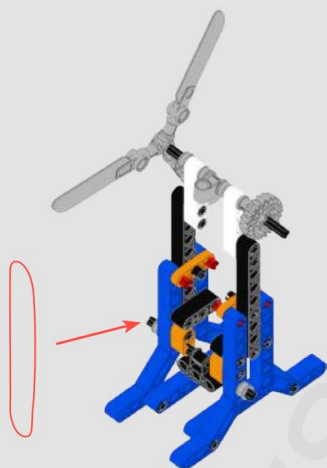


14



20T Podwójna
przekładnia
stożkowa

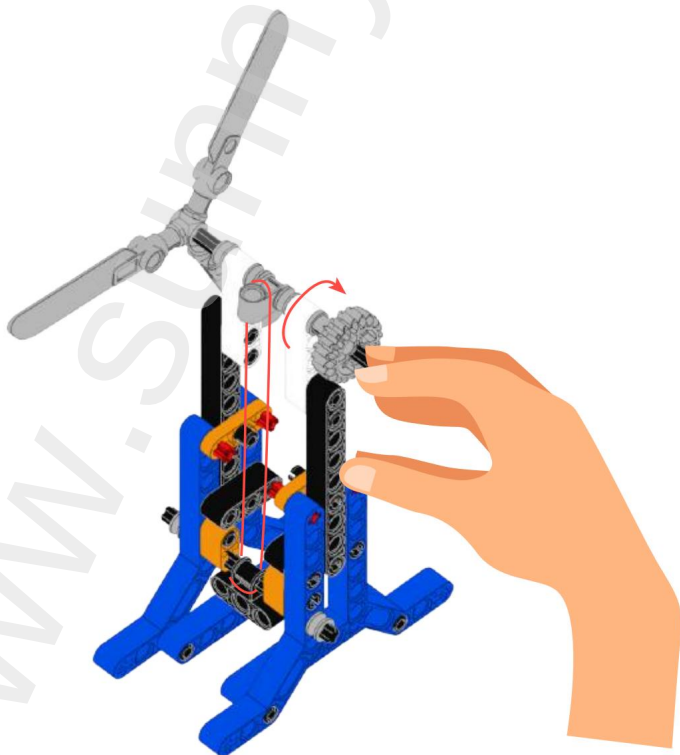
1416



Jak grać

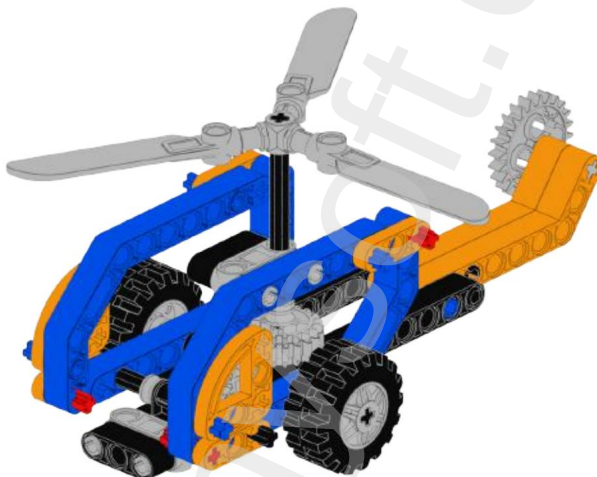


Zeskanuj kod QR
i prześlij
swój projekt!



Projekt 5: Śmigłowiec MEX

Budujmy!



Rzeczy, których potrzebujemy



9H
Belka
x2



3 godziny
Belka
x2



2Cx10H
Podwójne gięcie
belka
x4



2Cx7H
Jedna
belka
zginana x 2



3Cx2H
Thin-D
x2



2Cx1H
Cienki
Belka
x2



2H Remedy
x4



8 godzin
Zaradzić
x 1



3 godziny
Zaradzić
x 1



10H
Zaradzić
x 1



Średni
szpilka-czarna
x5



Przypnij średnio
osie-
niebieskie
x4



3Hx4Pin
Złącze
x2



Wypełniacz osi -
mały
x5



Pożywny
osie-duży
x4



Wiosłować
x3



Złącze potrójnej osi
x1



Złącze pinowe
prostopadłe na
osi x 1



20T Podwójny
stożkowy
mechanizm napędowy
x2



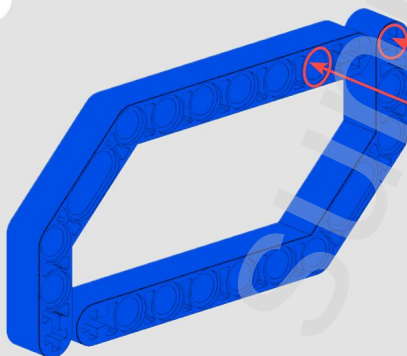
Czołowy
koło zębate
24T x 1



Koło
x4

Kroki

1



1:1

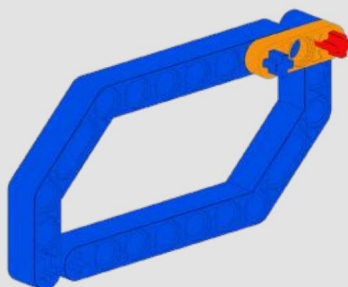
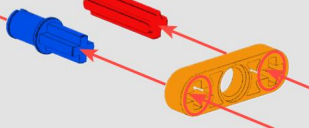


2H Remedy

1:1



Sworzeń osi środkowej niebieski

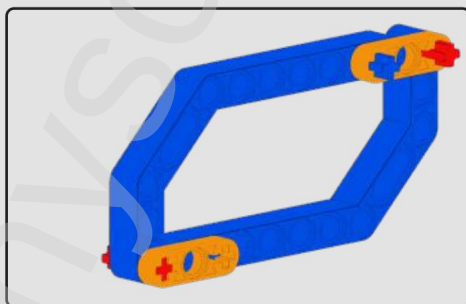
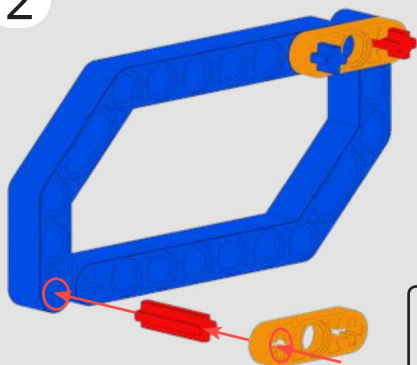


2

1:1



2H Remedy

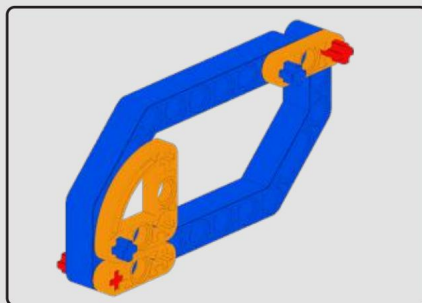
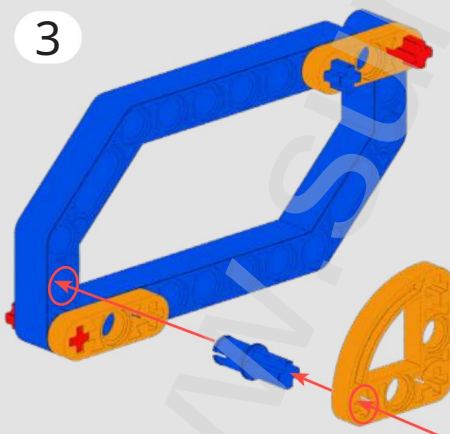


3

1:1



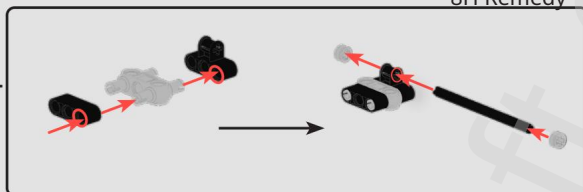
Stworzeń osi środkowej niebieski



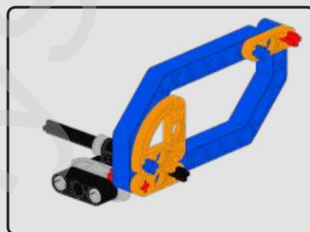
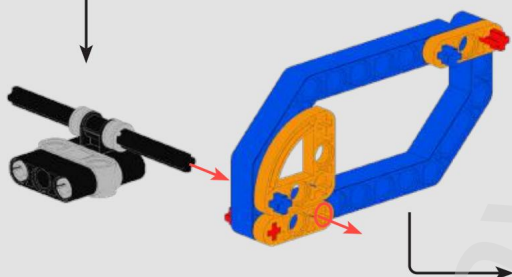
4

1:1

8H Remedy

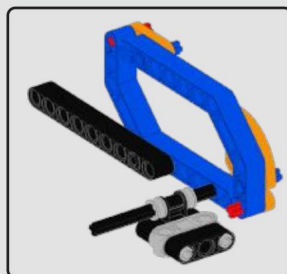
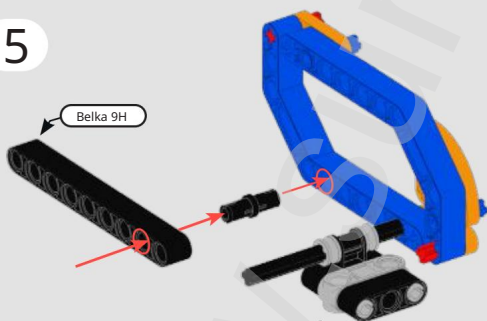


Wypełniacz osi - mały



5

Belka 9H



Wskazówka dotycząca montażu



Czarne środkowe piny mogą być trochę trudne do włożenia! Ale bez obaw. Przełóż je i upewnij się, że połączenie jest szczelne. Użyj trochę siły :-).

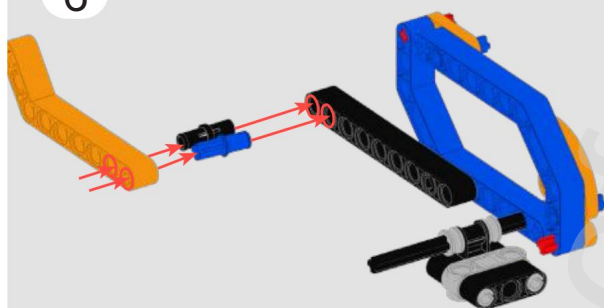


6

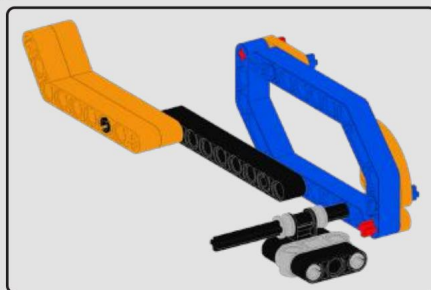
1:1



Sworzeń osi środkowej niebieski



7



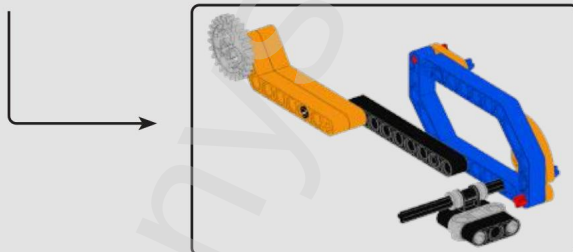
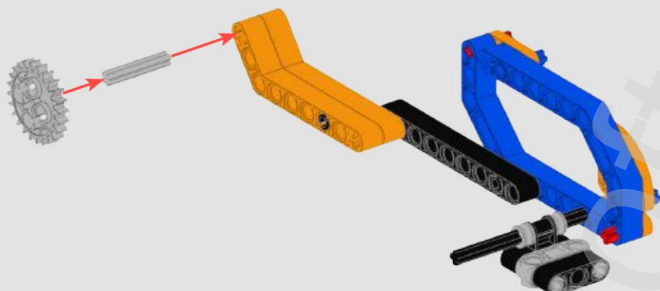
8

1:1

3H Remedy



Przekładnia zębata czolowa
koło --24T



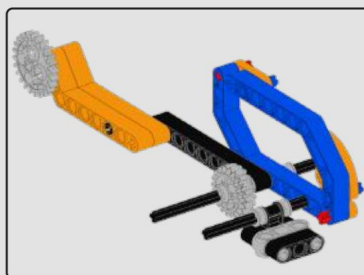
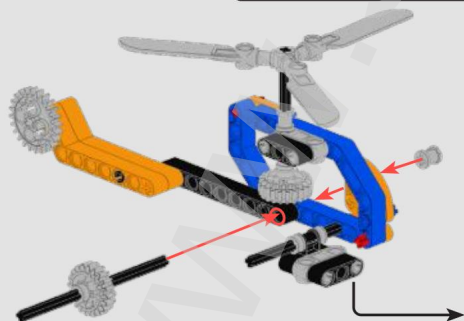
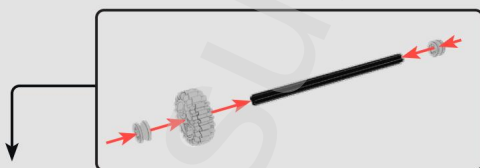
9

1:1

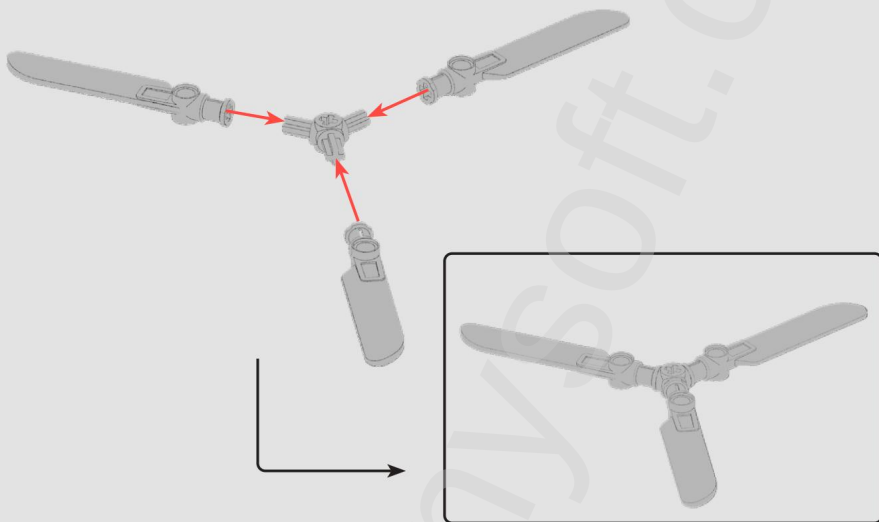
10H Remedy



20T Podwójny
przekładnia stożkowa

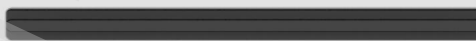


10

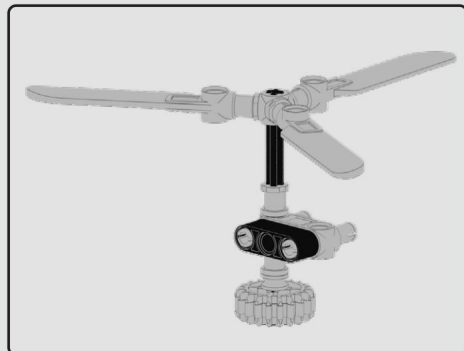
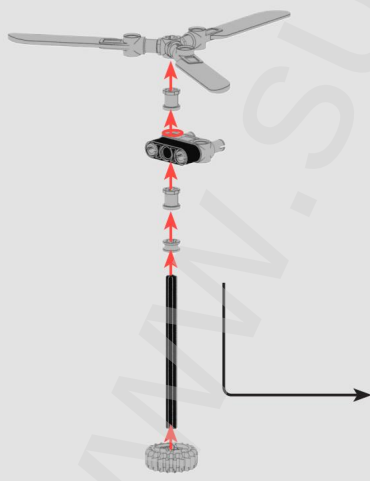


11

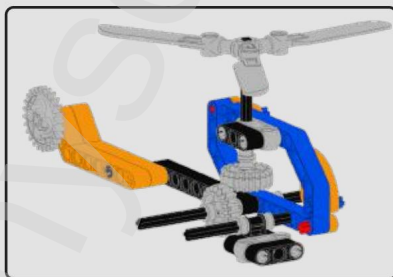
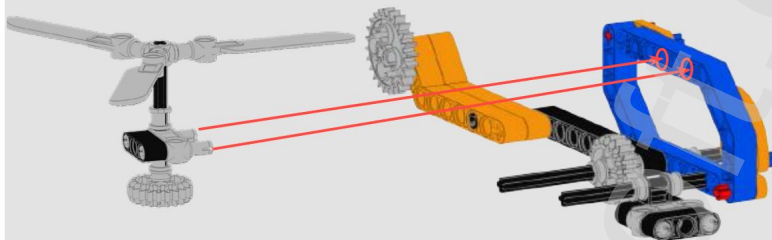
1:1



8H Remedy

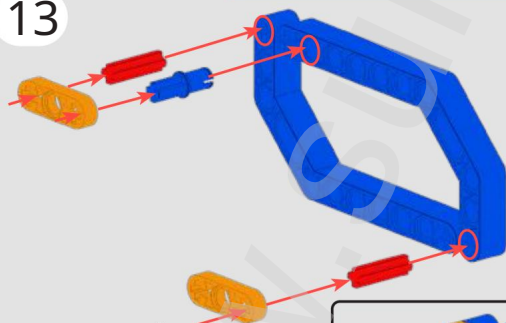


12



Zróbmy drugą stronę.

13



(1:1)

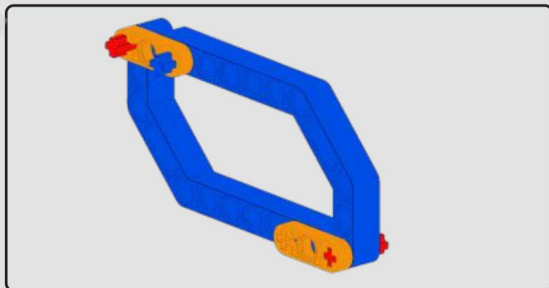


2H Remedy

(1:1)



Sworzeń osi środkowej niebieski

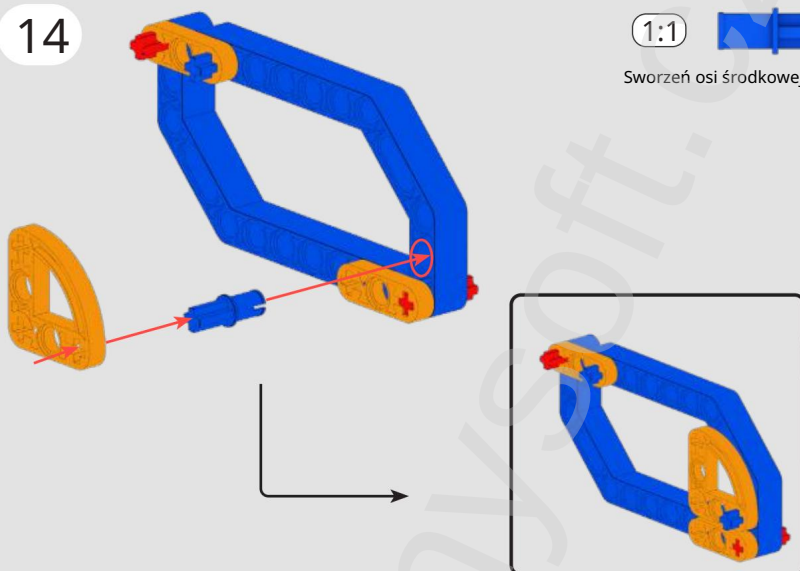


14

1:1

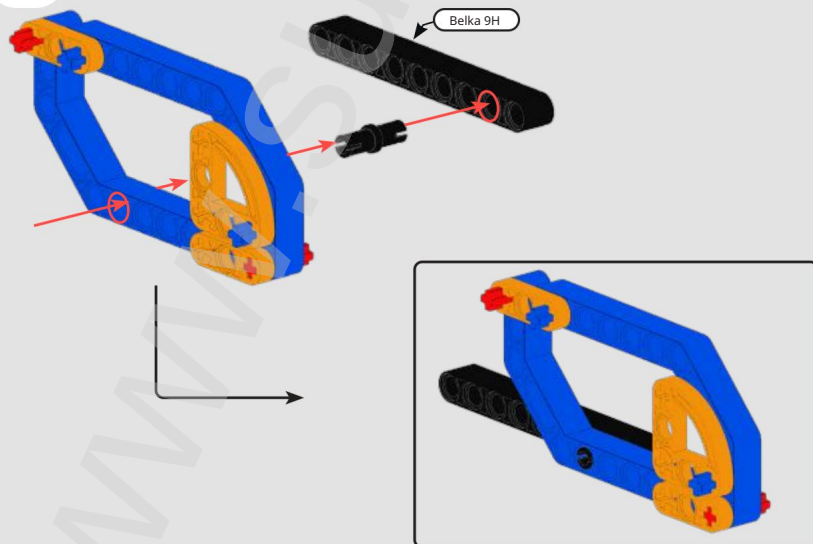


Sworzeń osi środkowej niebieski

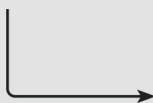
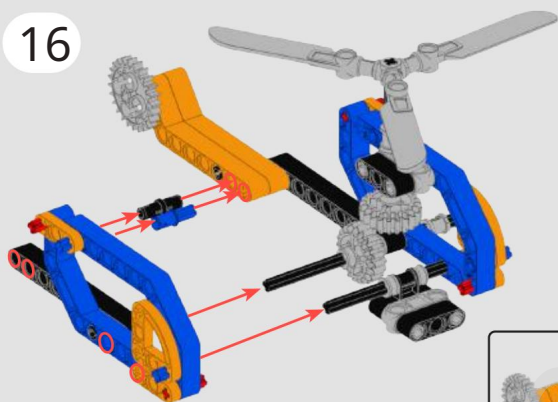


15

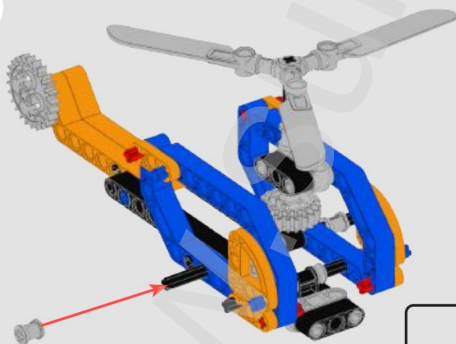
Belka 9H



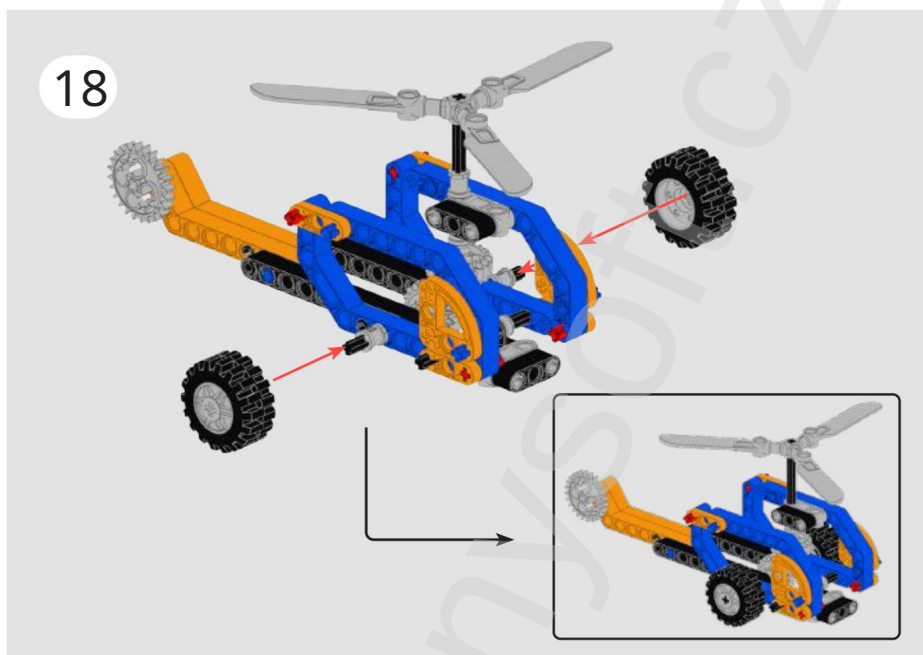
16



17



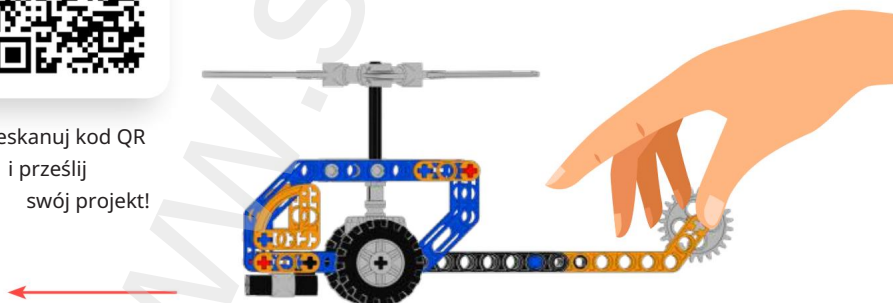
18



Jak grać

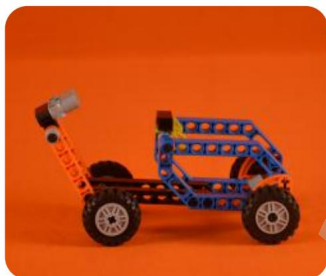


Zeskanuj kod QR
i prześlij
swój projekt!



Jeszcze 5 projektów!

Zeskanuj kod QR, aby odblokować pięć kolejnych projektów



Zrobotyzuj swoje roboty!

Chcesz dodać silniki i diody LED do swoich projektów MREK i bawić się nimi za pomocą aplikacji? Kup zestaw elektroniczny MEX i ulepsz swój zestaw!



Zeskanuj i kup teraz



Napisz nam swoją opinię!

Twoja opinia jest podstawą naszego rozwoju i chętnie
podzielimy się Twoimi doświadczeniami ze światem. Wystarczy,
że napiszesz swoje przemyślenia na tej stronie, zrobisz
zdjęcie, oznaczysz nas i podzielisz się nimi w swoich relacjach!
#Podziel się swoim doświadczeniem #PrzygodyAvishkaara

Dostawca/Dystrybutor
Sunnysoft sro
Kovanecka 2390/1a
190 00 Praga 9
Czechy
www.sunnysoft.cz



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@AvishkaarEdu

avishkar

MEX

Robotika

Raziskovalni komplet

Uporabniški
priročnik



REŠITEV
TEŽAVA



MEHANSKI
IZVEDBA



TVOJA VNEMA



ROBOTI





"Ne sanjam o
Srečno, delam na
na tem!"

Vsebina

| | |
|---------------------------------------|----|
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Kar najbolje izkoristite svoj komplet

Inovacije



Prisegnite inovatorja

Dajte prisego inovatorja, omenjeno na strani 5, in razumite, kaj to pomeni. bodi inovator.



Naučite se uporabljati gradnjo, kodo in priročnik/ videoposnetke

Sledite navodilom po korakih v priročniku, da se naučite, kako s svojim kompletom sestaviti vznemirljive robote.



Ustvarjajte inovativne projekte z svoje komplete in upravljajte robote z uporabo Aviskaar Remote in uporaba kode Studio za izdelavo Avishkaarja.

Deli



Pridružite se Pojdimo Aviskaar

Pridružite se naši FB skupnosti – povežite se z inovatorji in bodite pozorni na najnovejše posodobitve spletnih seminarjev.



Naloži projekte

Naložite projekte na www.avishkaar.cc in jih delite z inovatorji po vsem svetu.



Mednarodno tekmovanja

Sodelujte v tedenskih, mesečnih in letnih tekmovanjih ter si pridobite slavo po vsem svetu.



Prisega inovatorja

Spodaj dajte prisego inovatorja, s katero se boste zavezali k vseživljenjski predanosti inovacijam in reševanju problemov. Delite fotografijo v skupnosti Let's Avishkaar na Facebooku.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Razišči moj komplet

Dobrodošli v Aviskaarju

Prenesite aplikacijo Aviskar

Prenesite aplikacijo Avishkaar s skeniranjem spodnjih QR kod:



1

Ustvari račun

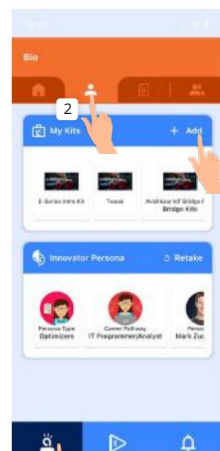
Odprite aplikacijo in sledite navodilom na zaslону, da ustvarite račun.



2

Registrirajte svoj komplet

V aplikaciji pojdite v razdelek »Profil« in v razdelku »Moji kompleti« kliknite »+ Dodaj več«, da registrirate svoj komplet. Ta korak je pomemben za kasnejši nadzor nad robotom.



Product Registration
Sticker

Preverjanje oklepa

Okvirček 1 (Gradbeni deli)

Žarek



9 ur
Žarek
x2



7H
Žarek
x2



5H
Žarek
x4



3H
Žarek
x2

„Opomba: "H"
pomeni luknje.
Npr. žarek 15H
pomeni nosilec s 15
luknjami.



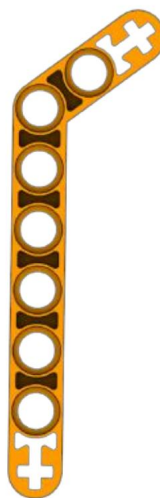
2Cx1H
Tankoslojni
x4



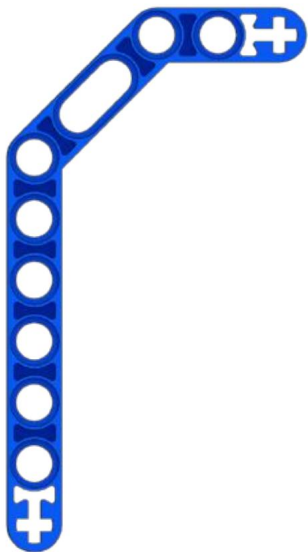
1Cx1H
Žarek
x2



3Cx2H
Thin-D
x2



2C x 7H
Preprost upogib
x2



2Cx10H Dvojno
upogibni
nosilec
x 4

POLNILA



Polnilo osi - veliko
x 4



Polnilo osi - majhno
x 6

Veslo



Lopata x 3

Prenos



Zobnik-24T x 2



20T dvojni
stožčasti
zobnik x 2

Kolo



Majhno kolo
x 4

PIN-ovi



Dolga zatič - modra x 2



Srednje črne barve x15



Sredinski zatič osi - moder
x 6

KONEKTORJI



3Hx4-pinski konektor x 2



Trojni osni
konektor x
1



Tri-pinski osni
konektor x 2



1C x 1H Pravokotni
konektor x
1

Gumijasti trak



Gumijasti
trak x 3

Otvoritev

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

Žarek



08

OPOMBA: Osi so v razmerju 1 :1 s tiskom
reže () v priročniku

Rešitev



00

(1)



0r

(1)



8r

(2)



6r

(1)



4H

(2)



3H

(1)

1:1



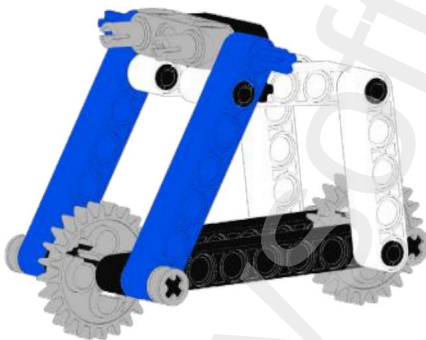
2H

(4)

11

Projekt 1: Gorsko kolo MEX (MTB)

Gradimo!



Stvari, ki jih potrebujemo



9H
Žarek x 2



5H
Žarek x 4



3H
Žarek x 1



4H
Zdravilo x
2



6H
Zdravilo x
1



Srednji
zatič - črn x
4



Sredinski
zatič osi - moder x
2



3Hx4Pin
Priključek
1x



Čelni
zobnik
24T
x 2

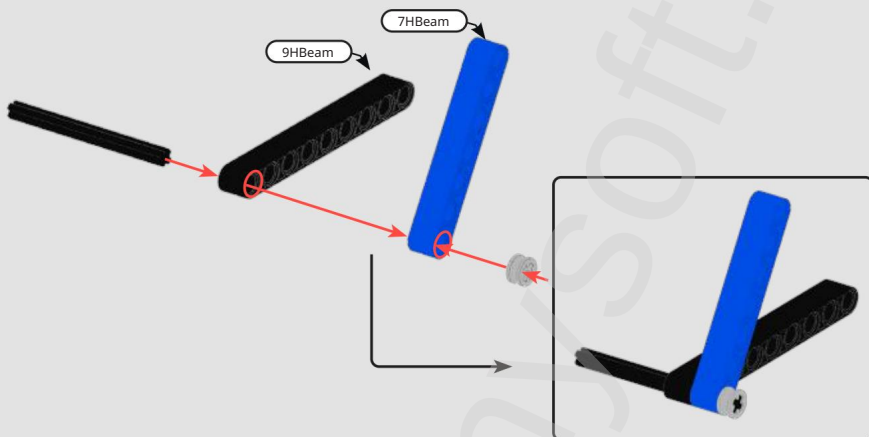


Polnilo
osi - majhno
x 5

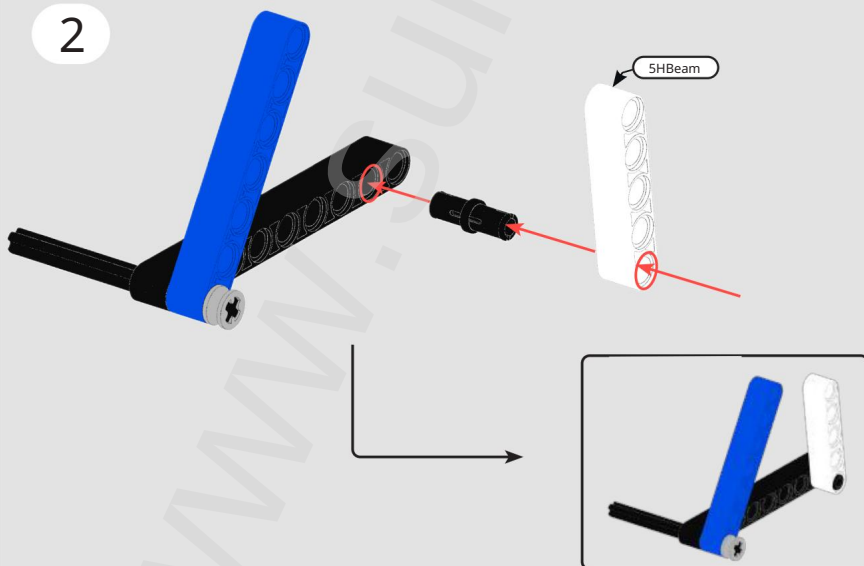
1:1

6H Remedy

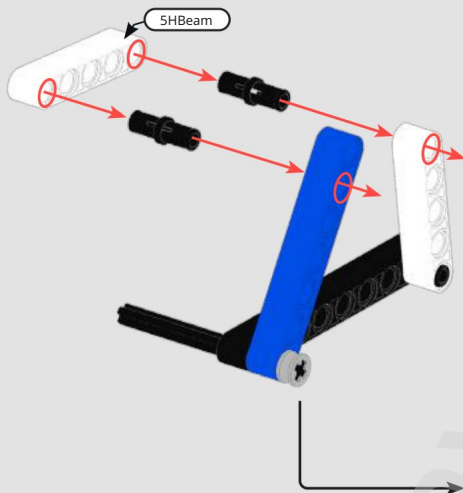
1



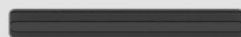
2



3

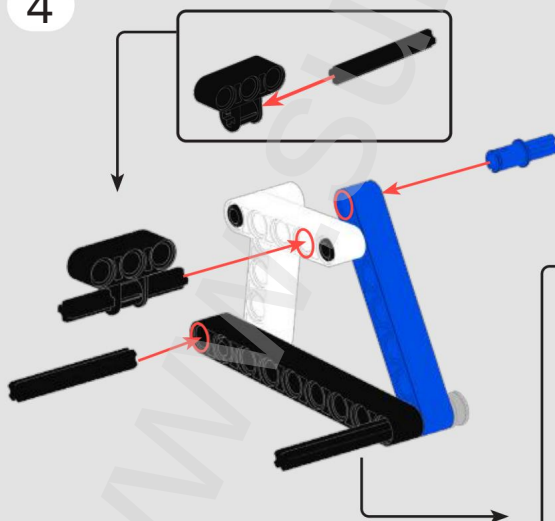


1:1

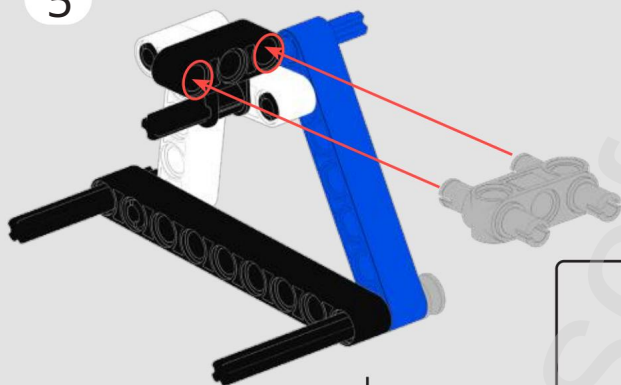


4H Remedy

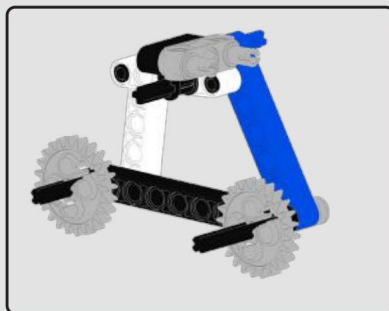
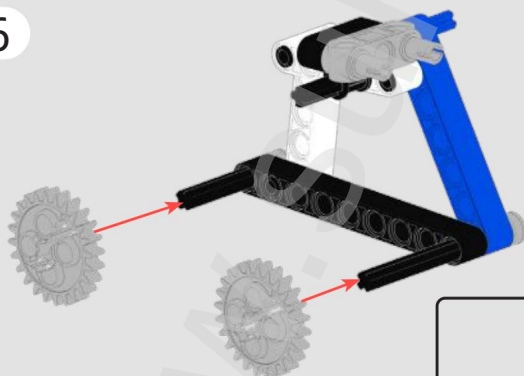
4



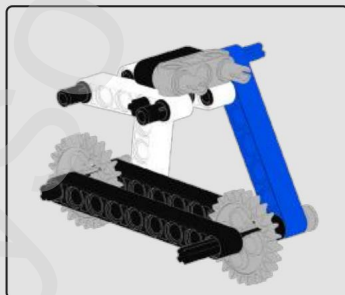
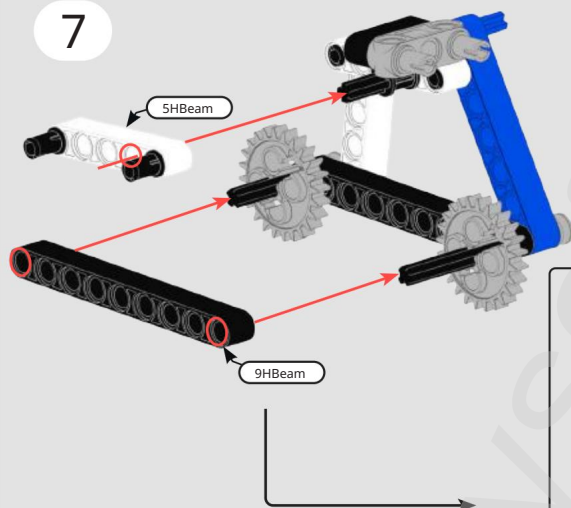
5



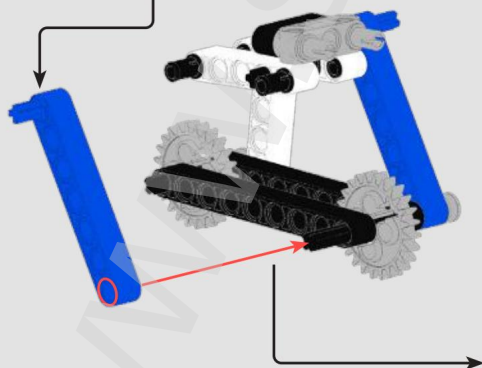
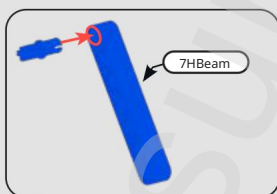
6



7



8



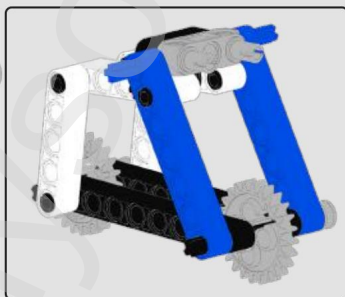
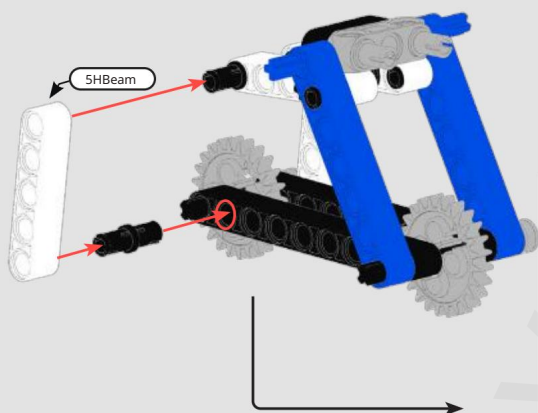
1:1



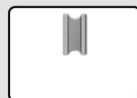
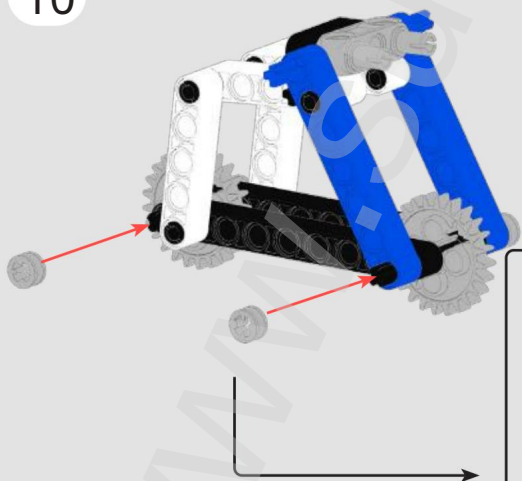
Modri zatič srednje
osi



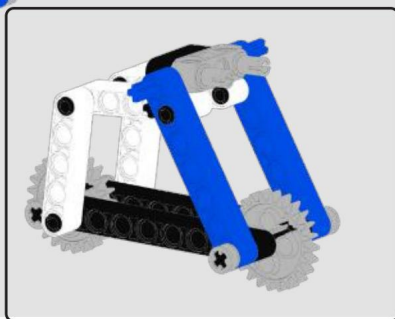
9



10



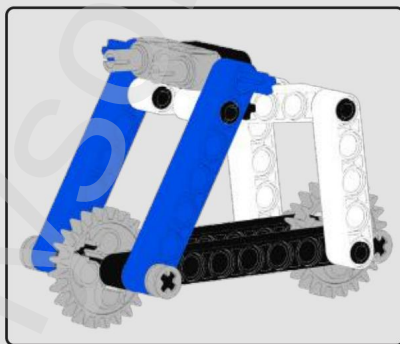
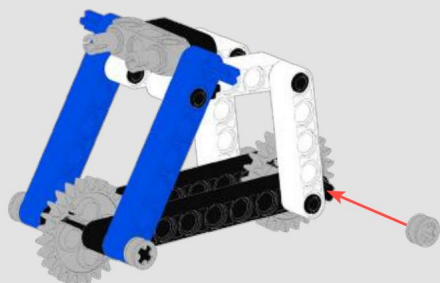
Polnilo osi - majhno



11



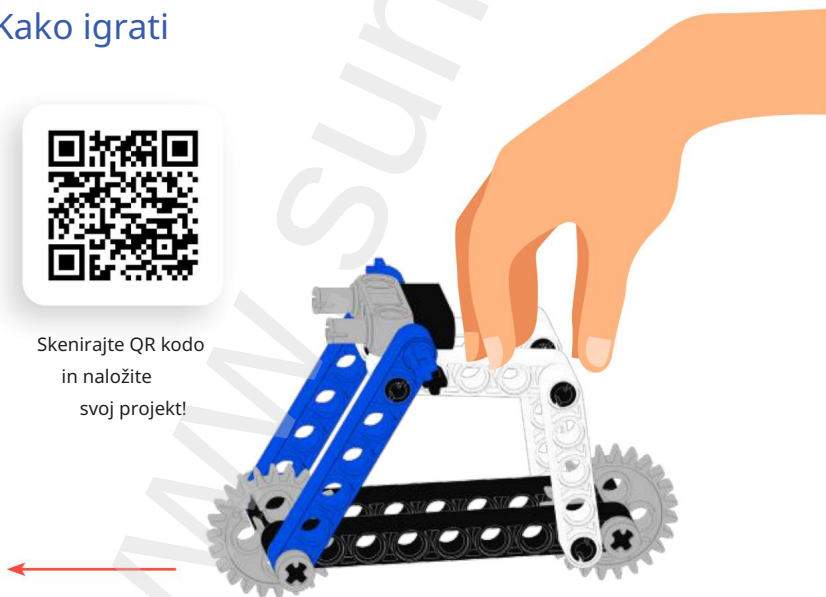
Polnilo osi - majhno



Kako igrati

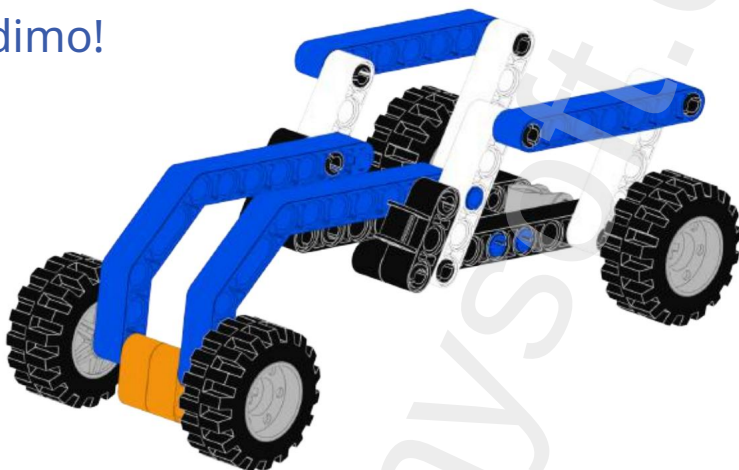


Skenirajte QR kodo
in naložite
svoj projekt!



Projekt 2: Retro avto MEX

Gradimo!



Stvari, ki jih potrebujemo



9 ur
Žarek
x2



7H
Žarek
x2



5H
Žarek
x4



3H
Žarek
x2



2Cx10H
Dvojni upogib
Žarek
x 2



1Cx1H
Žarek
x2



Pripni medij
osi-modre
x2



Srednje črna igla
13-kratnik



Dolgo
modra
x2



3Hx4Pin
Priključek
x2



1Cx1H
Pravokotno
konektor
1x



Tri-pin
zatič
priključka osi
1x



6H os x 1



10H os x 1



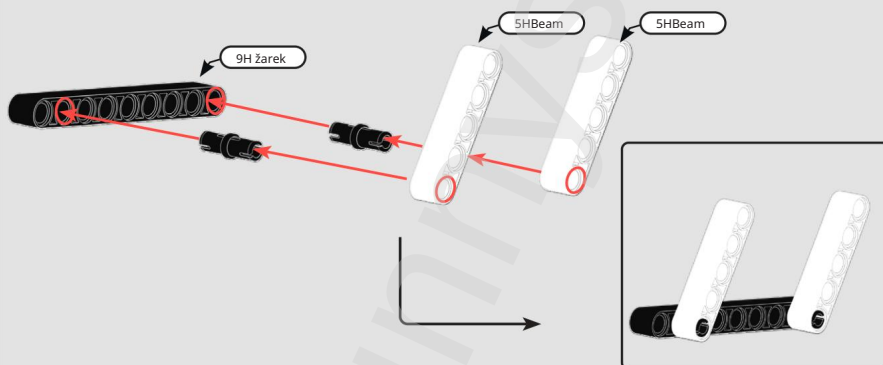
Kolo
x4



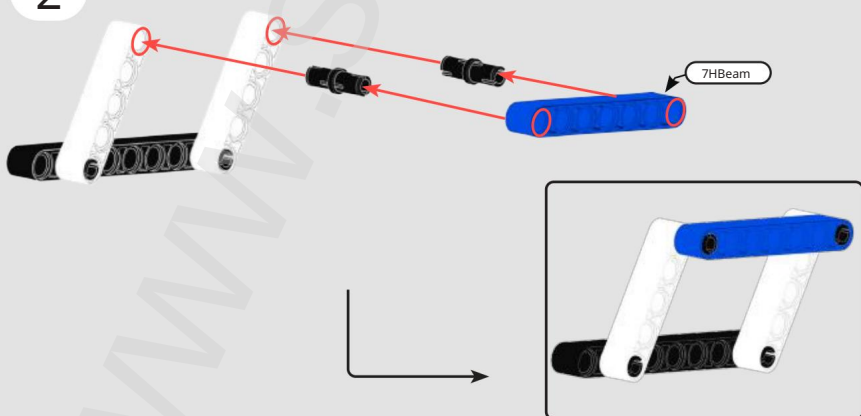
Gumijasti
trak x 1

Koraki

1



2

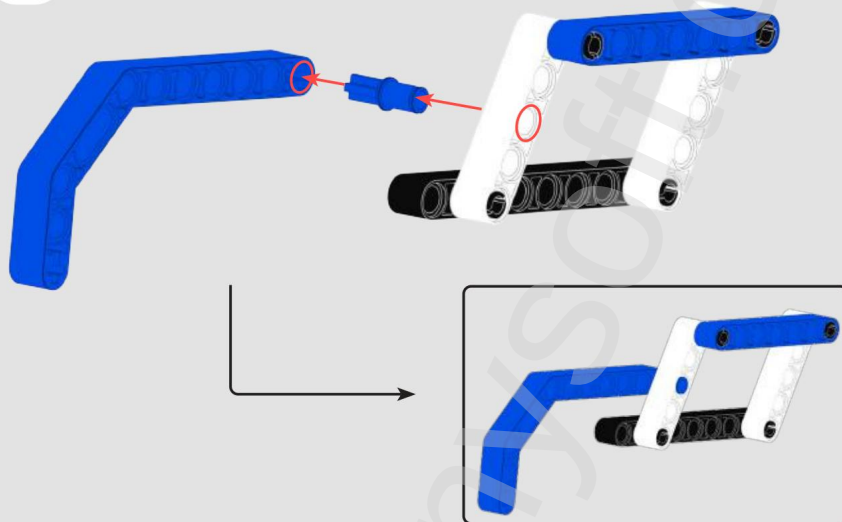


3

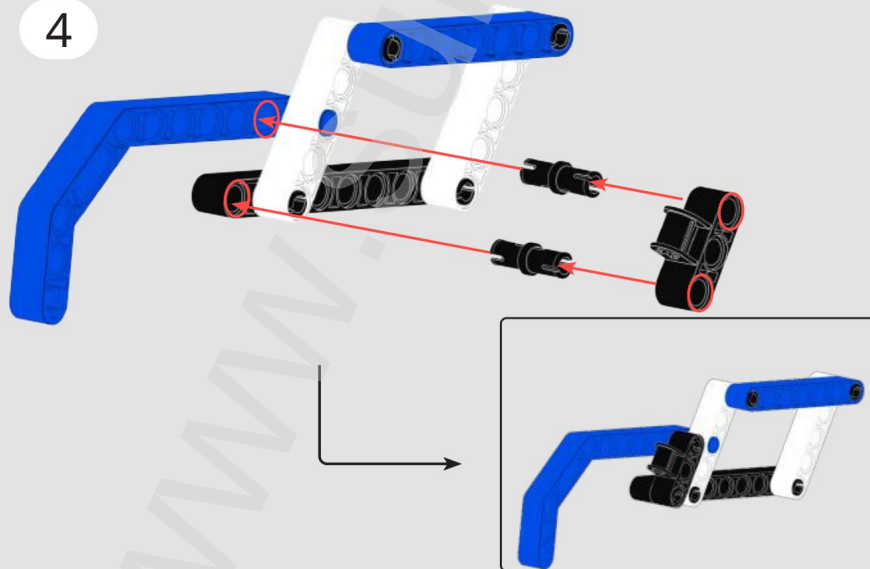
1:1



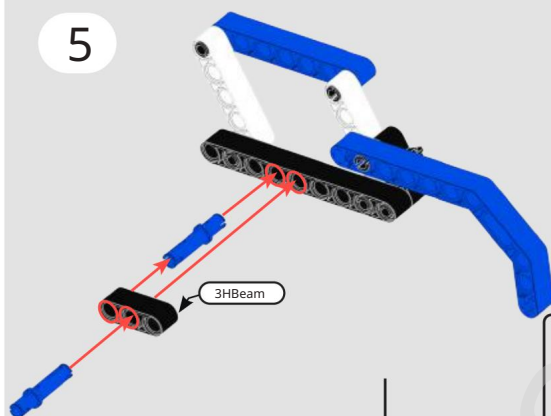
Modri zatič srednje osi



4



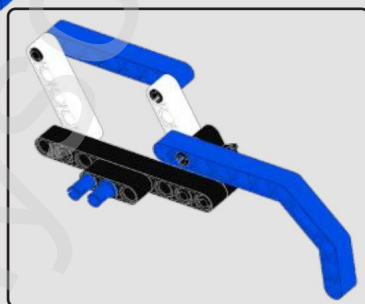
5



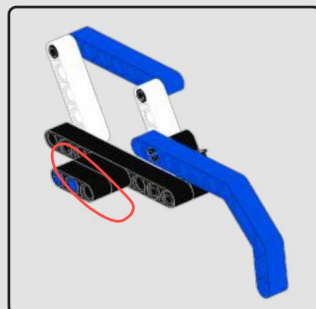
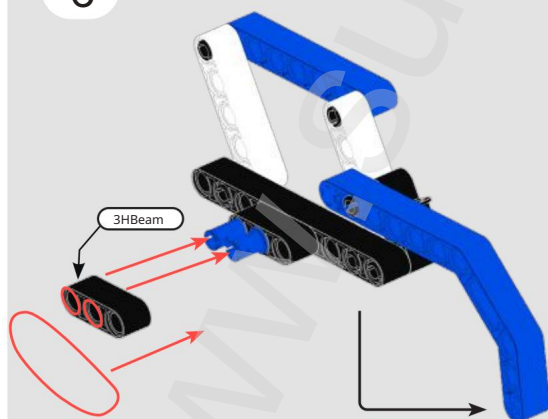
1:1



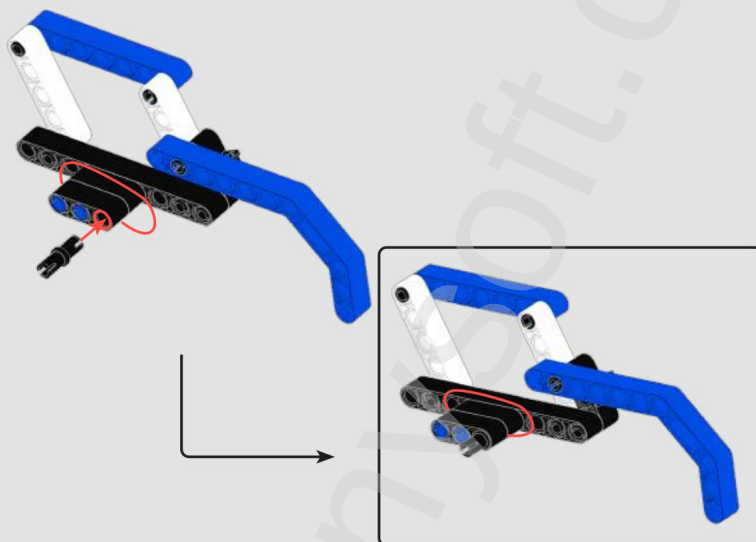
Dolga modra zaponka



6

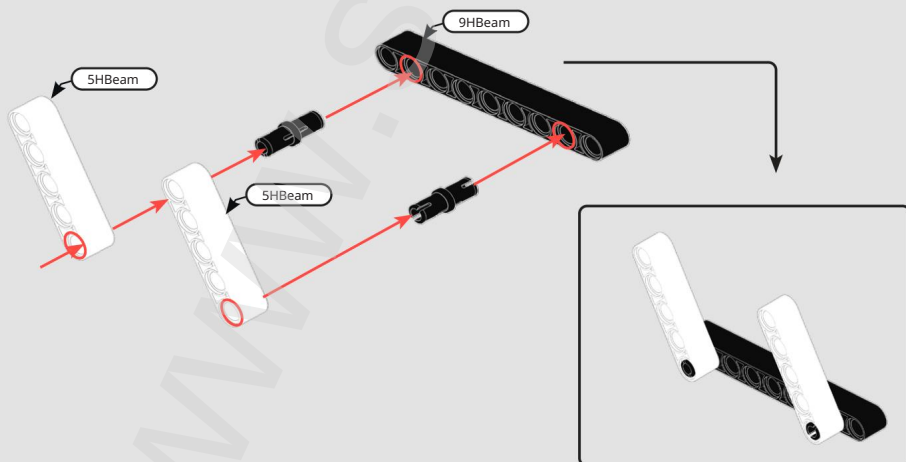


7

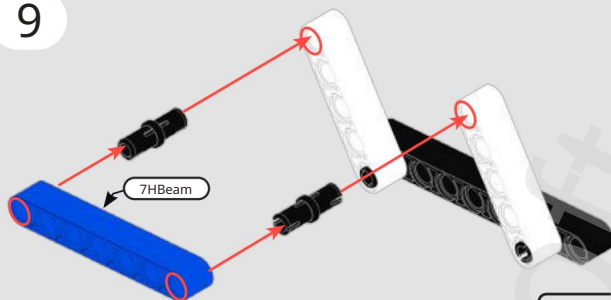


Naredimo še drugo stran.

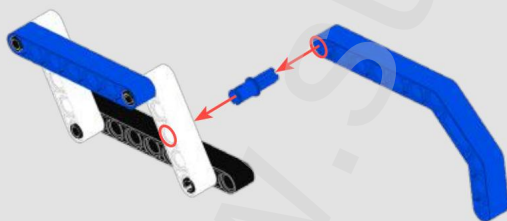
8



9



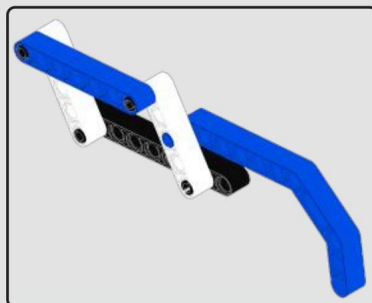
10



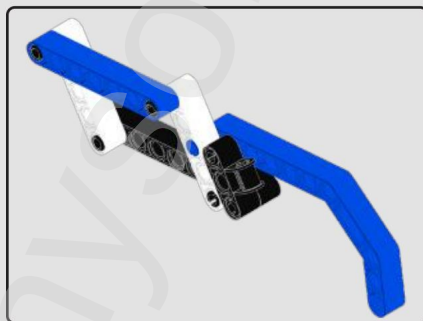
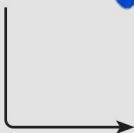
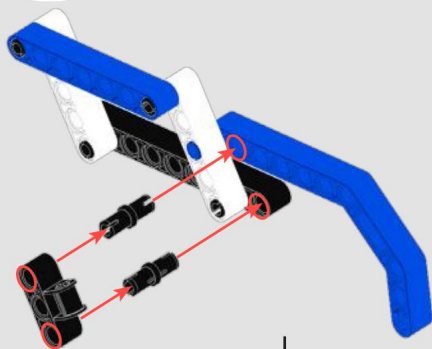
1:1



Modri zatič srednje
osi



11

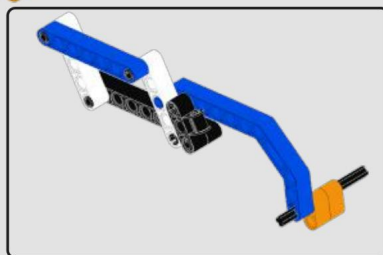
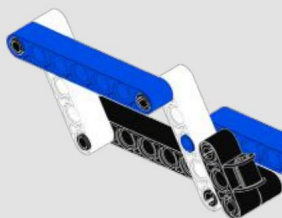


12

1:1



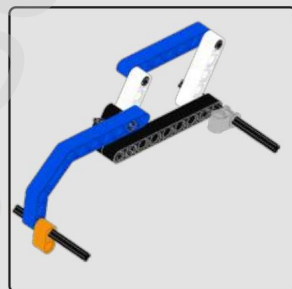
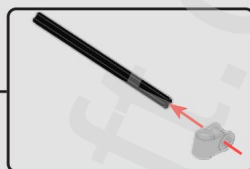
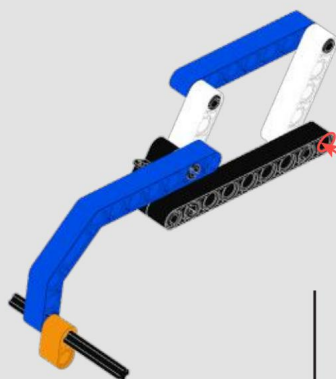
6H Remedy



13

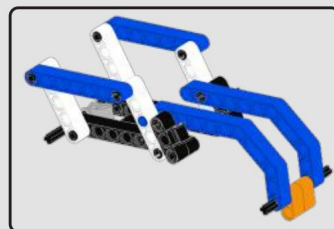
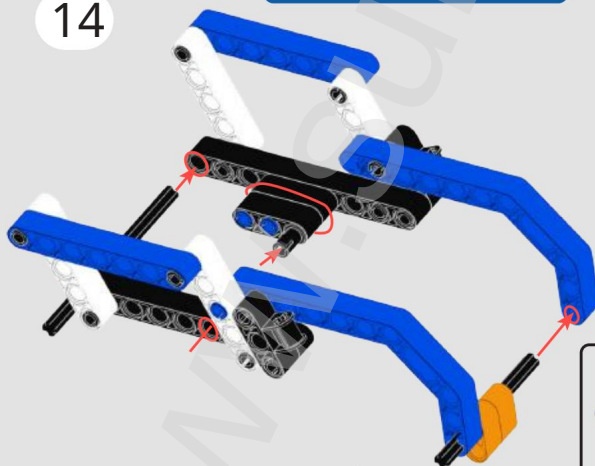
1:1

8H Remedy

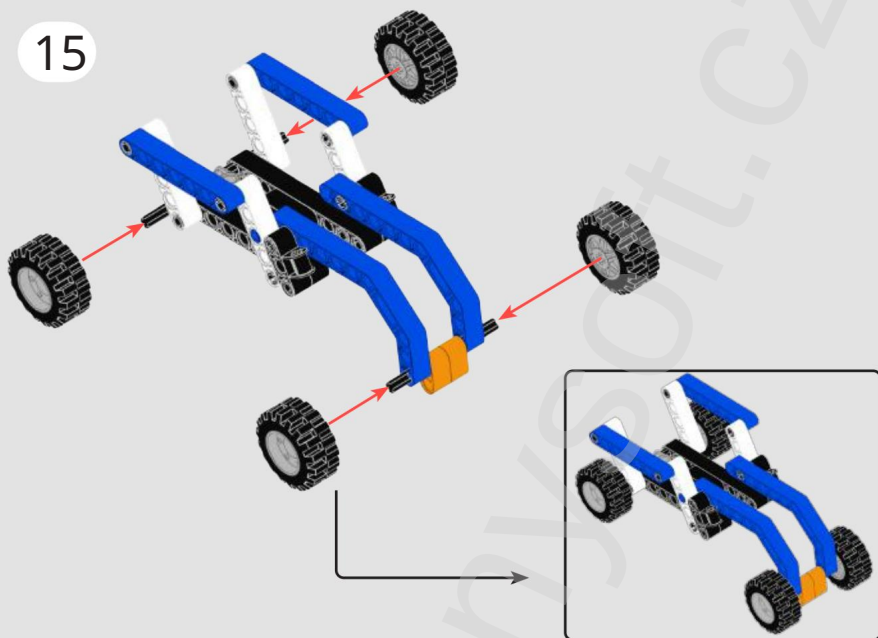


14

Obe strani prepognemo .



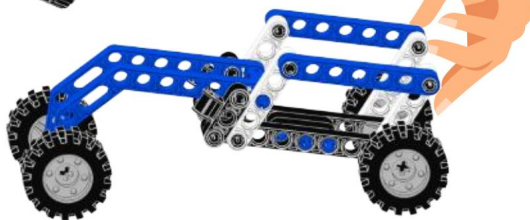
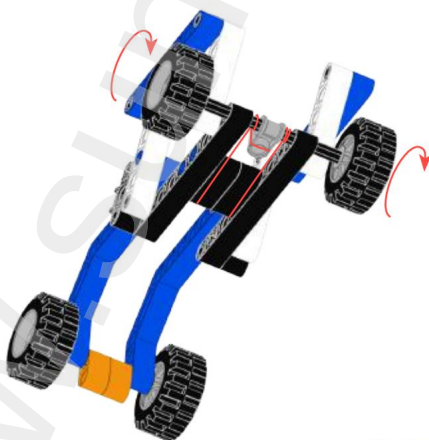
15



Kako igrati



Skenirajte QR kodo
in naložite
svoj projekt!



Projekt 3: MEX Buggy

Gradimo!



Stvari, ki jih potrebujemo



7H žarek
x2



5H
Žarek
x2



2Cx10H
Dvojno
upogibanje
žarek
x2



2Cx7H
Preprosto
upogibanje
žarek x 2



3Cx2H
Thin-D
x2



1Cx1H
Žarek
x2



Srednji osni
zatič -
moder
x4



Srednji zatič -
črn x 4



6H
Rešitev
1x



8H Remedy
1x



10H Remedy
1x



Polnjenje
osi - velike
x4



Polnjenje
osi - majhne
x 2



Tri-pin
pravokotno
osni
konektor
1x

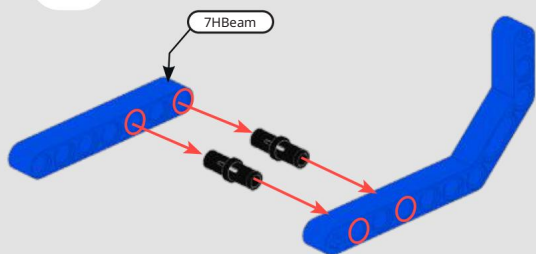


Kolo
x4



Gumijasti trak
1x

1

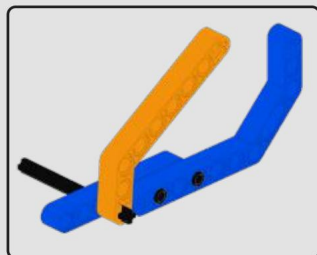
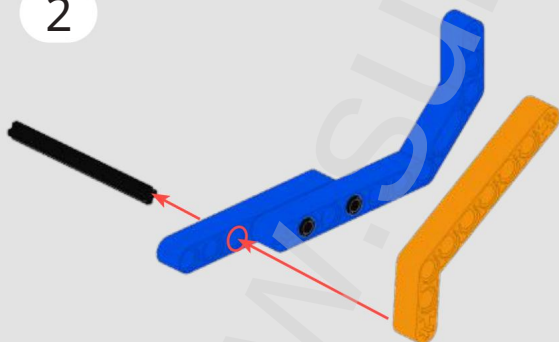


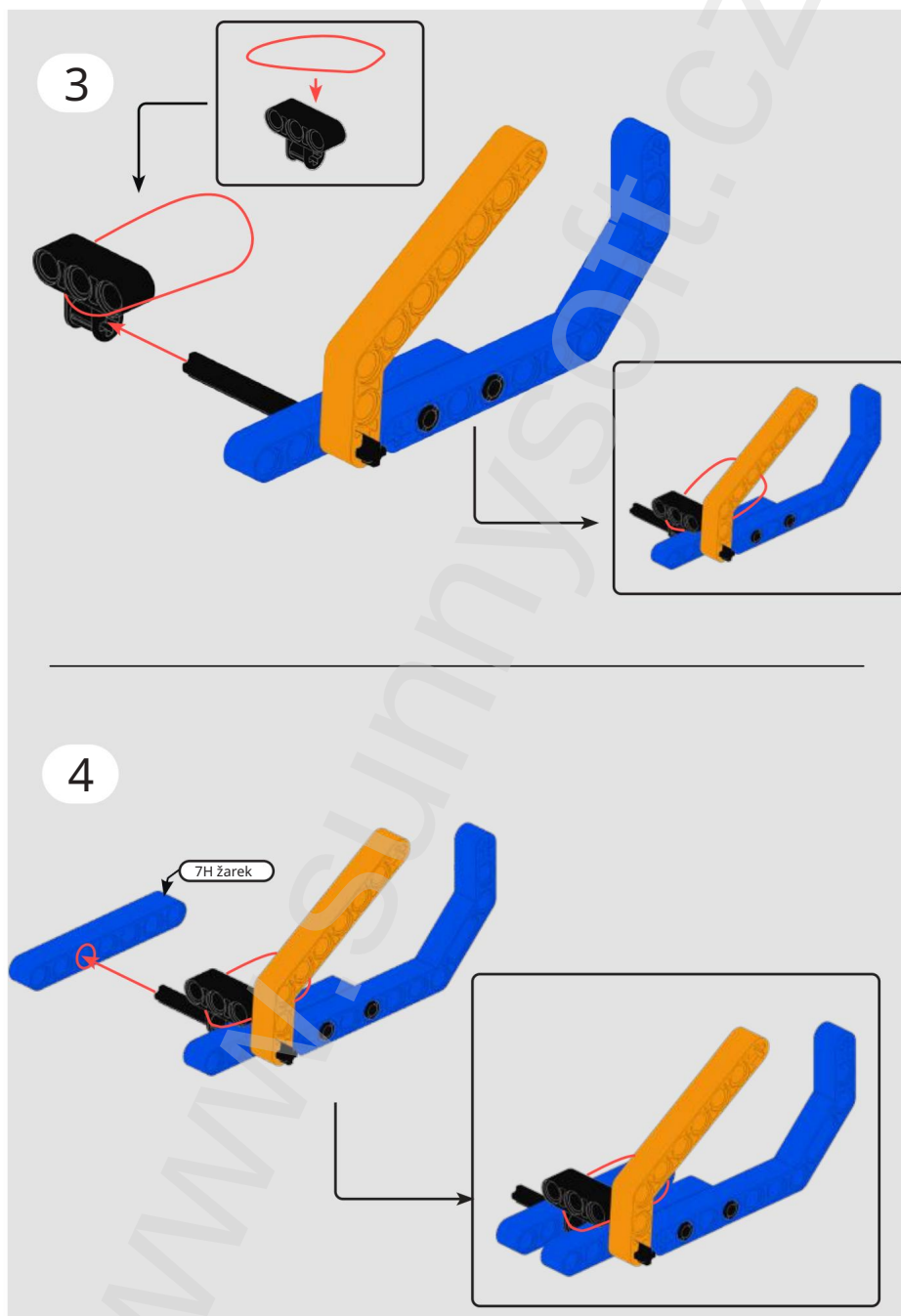
2

1:1



6H Remedy

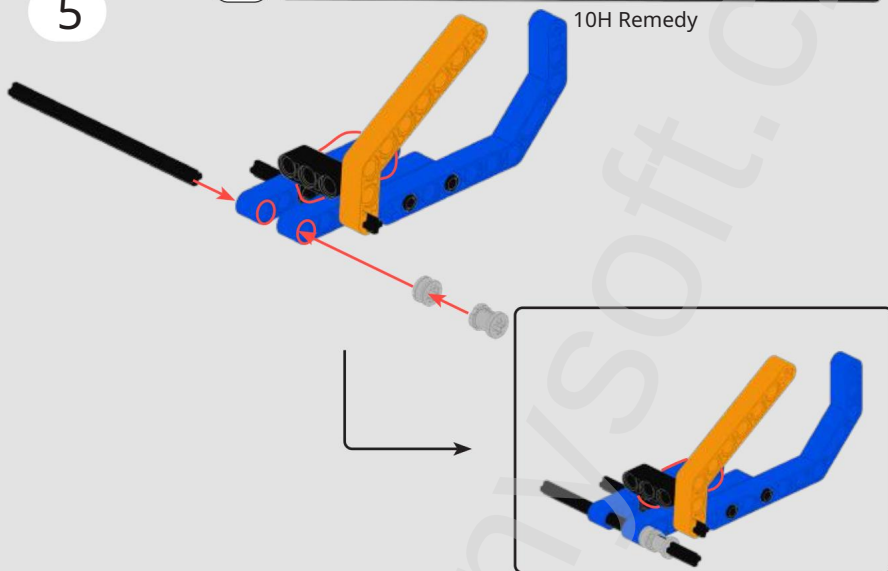




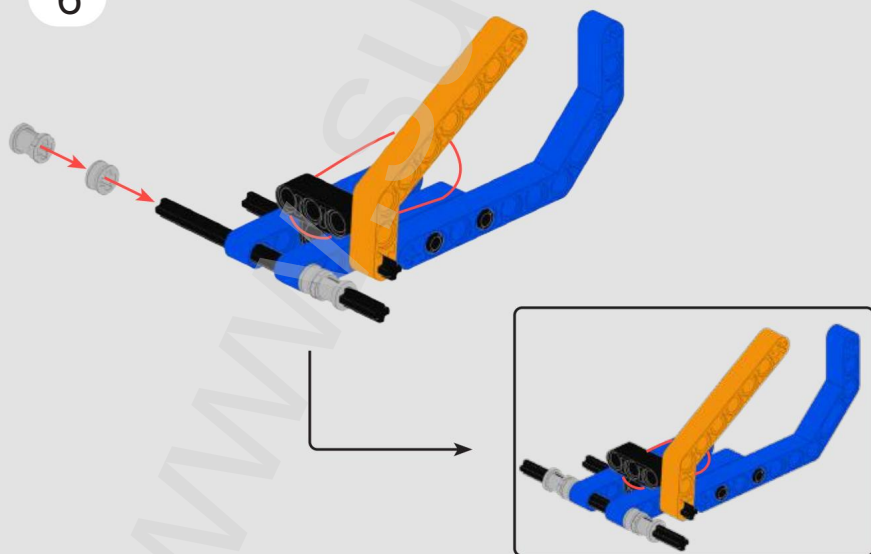
5

1:1

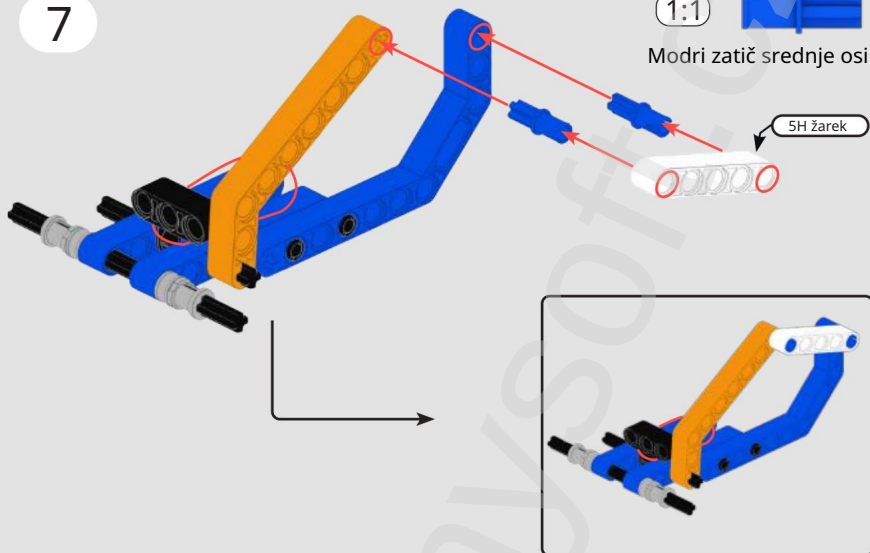
10H Remedy



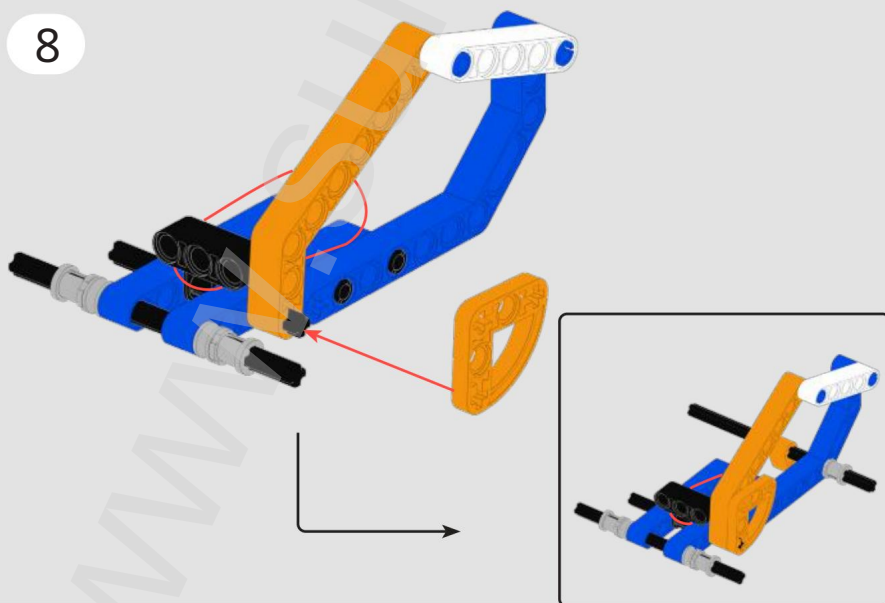
6



7



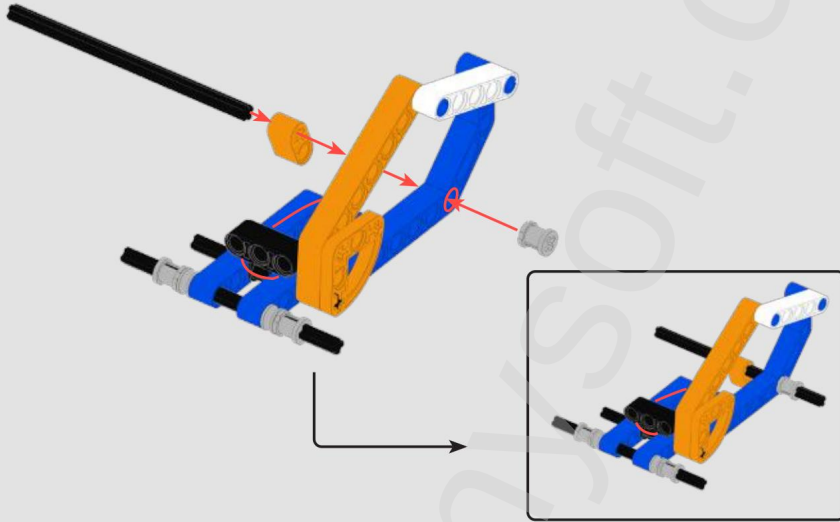
8



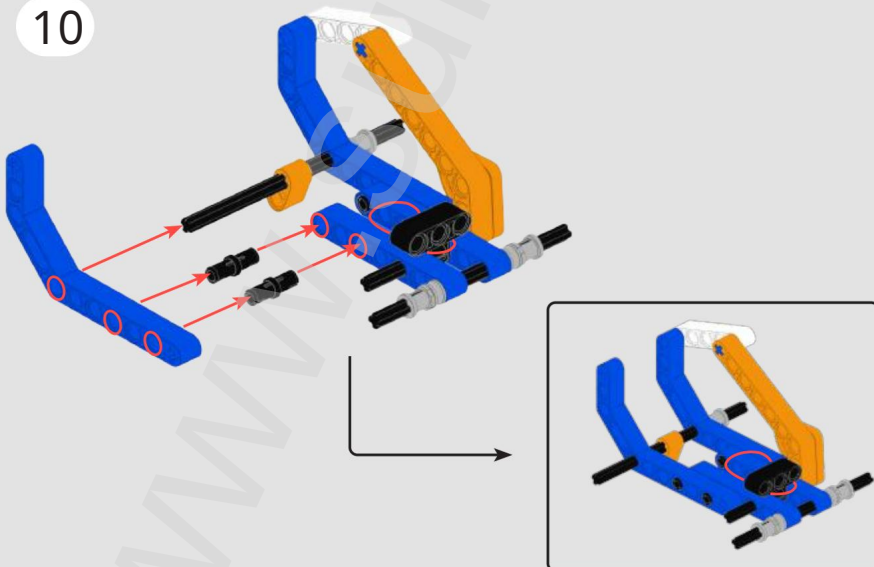
1:1

8H Remedy

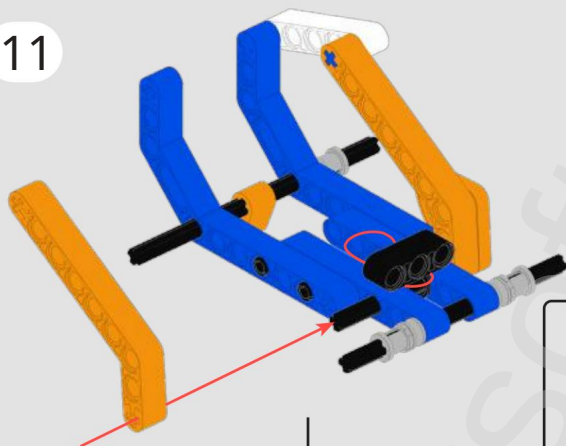
9



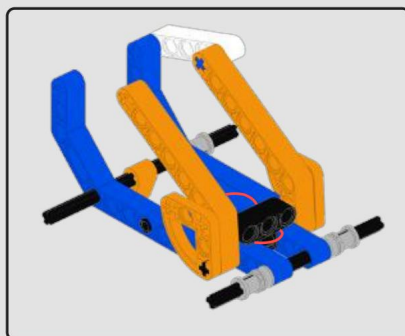
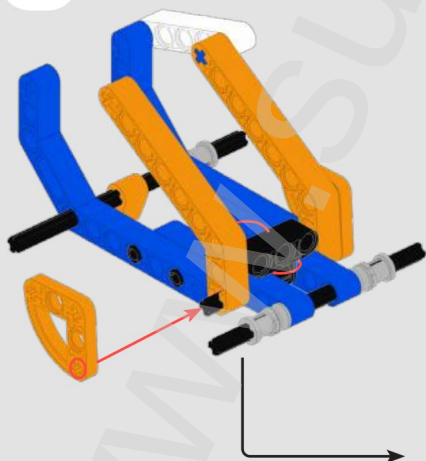
10

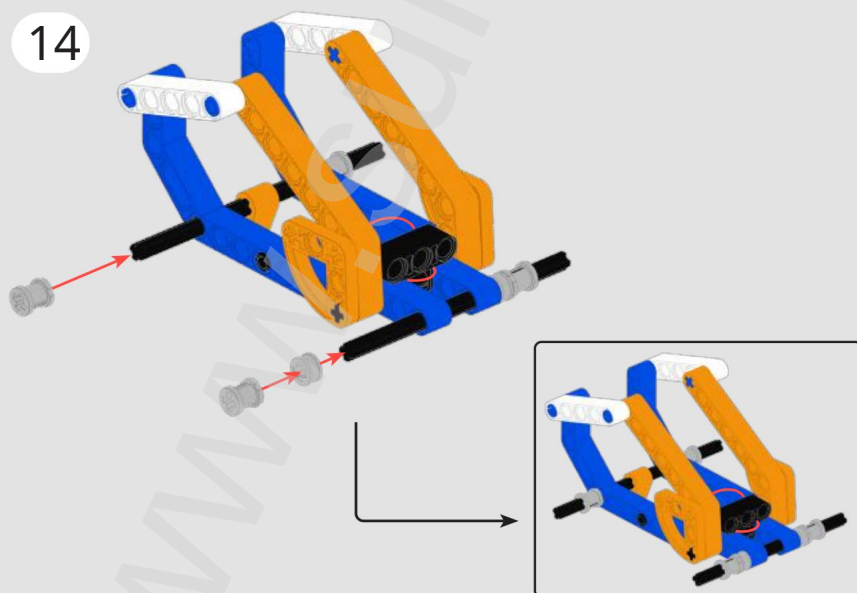
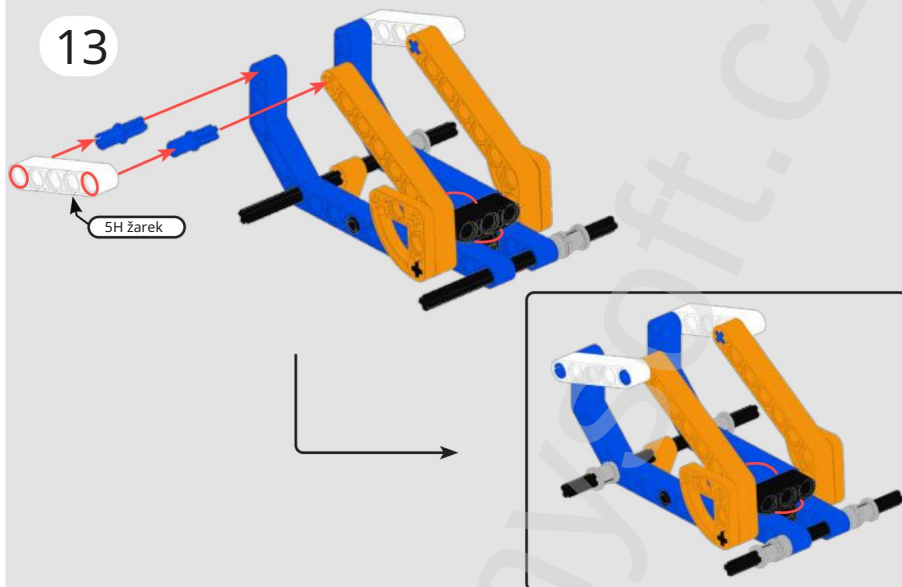


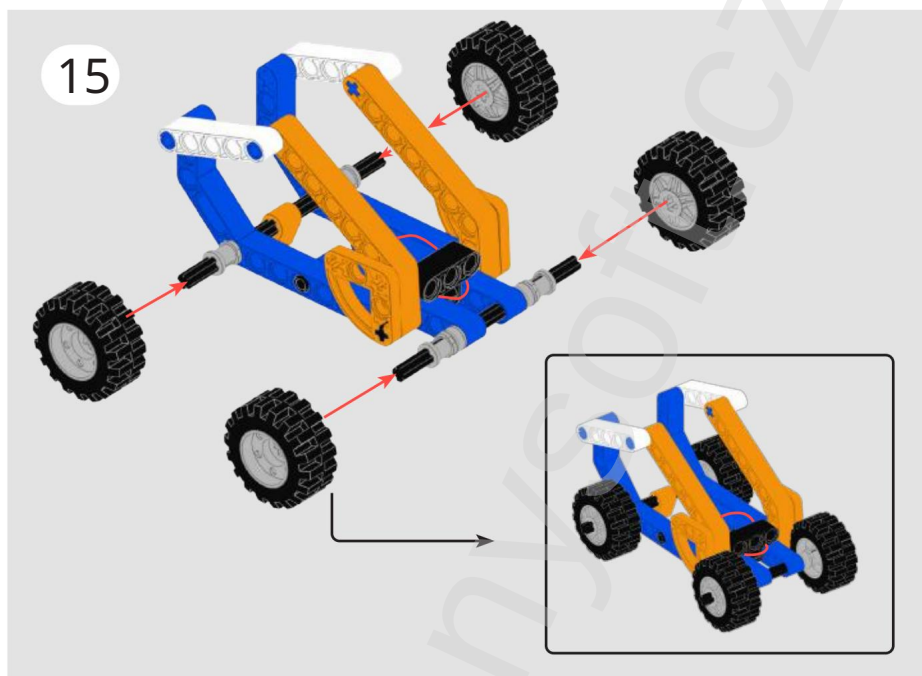
11



12



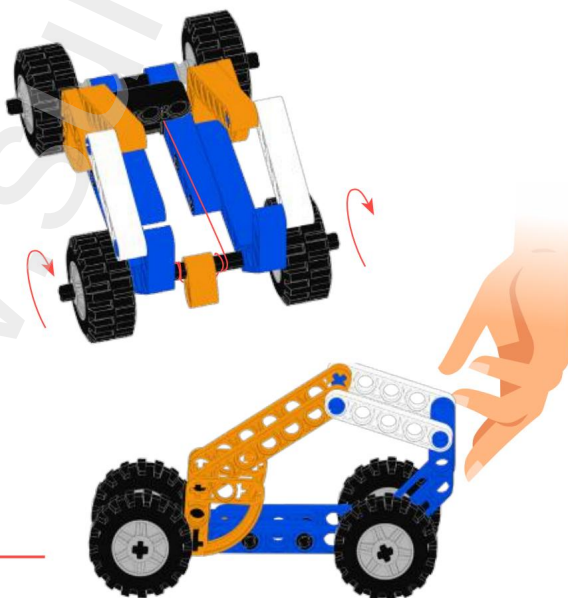




Kako igrati

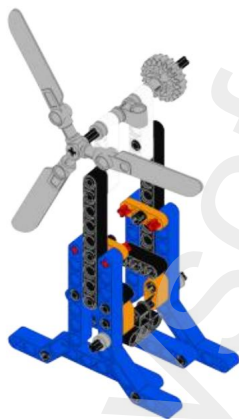


Skenirajte QR kodo
in naložite
svoj projekt!



Projekt 4: Vetrnica MAX

Gradimo!



Stvari, ki jih potrebujemo



9H žarek
x2



5H žarek
x2



3H
Žarek
x2



2Cx10H
Dvojno
upogibanje
žarek
x4



2Cx1H
Tanek
žarek
x2



1Cx1H
Žarek
x2



2H
Rešitev
x4



8 ur
Rešitev
1x



10 ur
Rešitev
1x



Veslo
x3



Trojni
konektor
sekire
x1



Polnjenje
osi - majhne
5-krat



Srednje
PinBlack x
14



20T dvojni
stožčast
zobniški pogon
1x



Polnjenje
velike osi
x4



Tri-pinski osni
konektor x
1

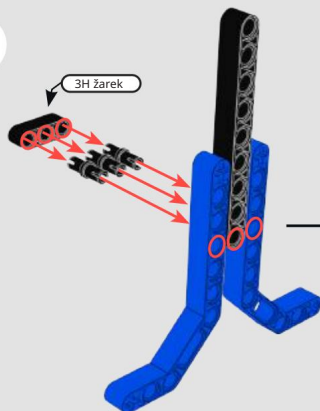


1Cx1H
Pravokotni konektor
1x

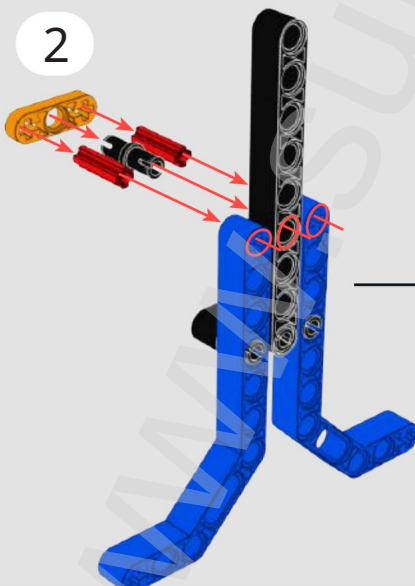


Gumijasti
trak x 1

1

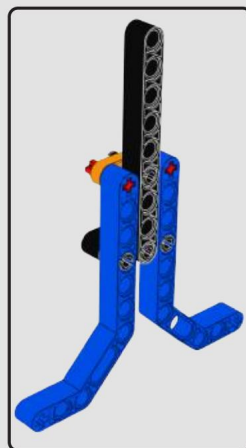


2

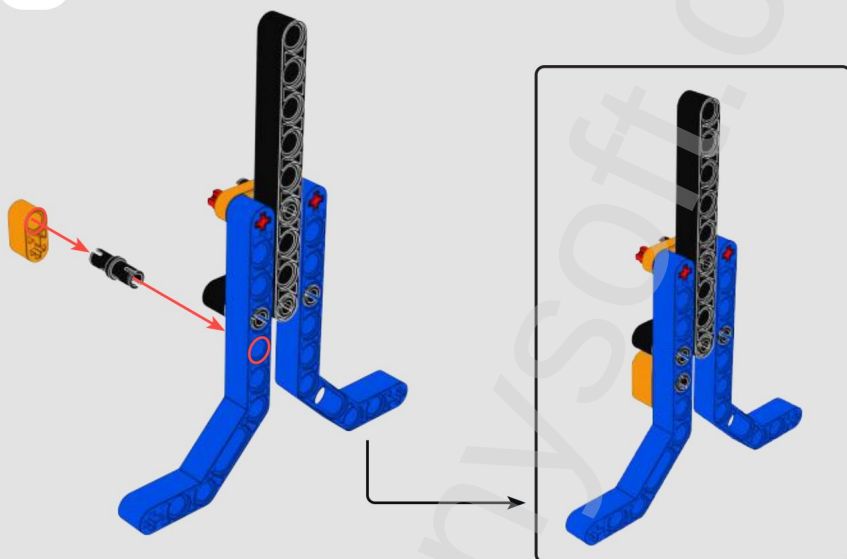


1:1

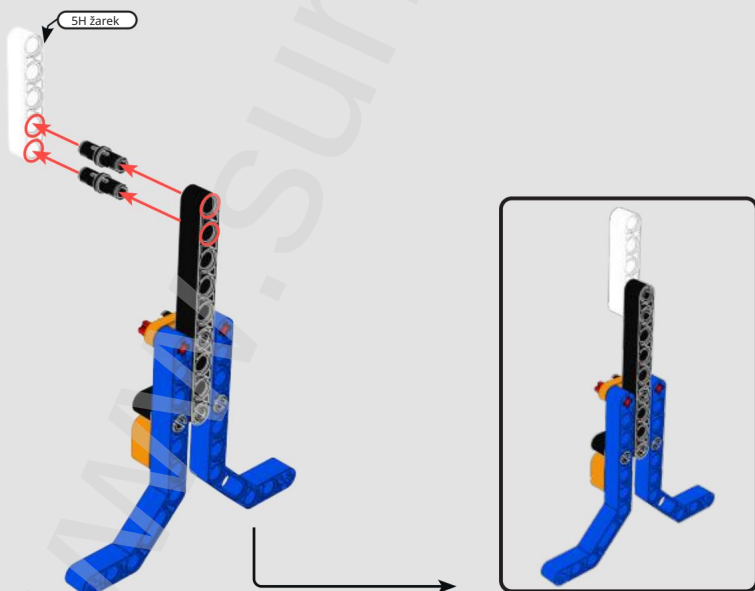
2H Remedy



3

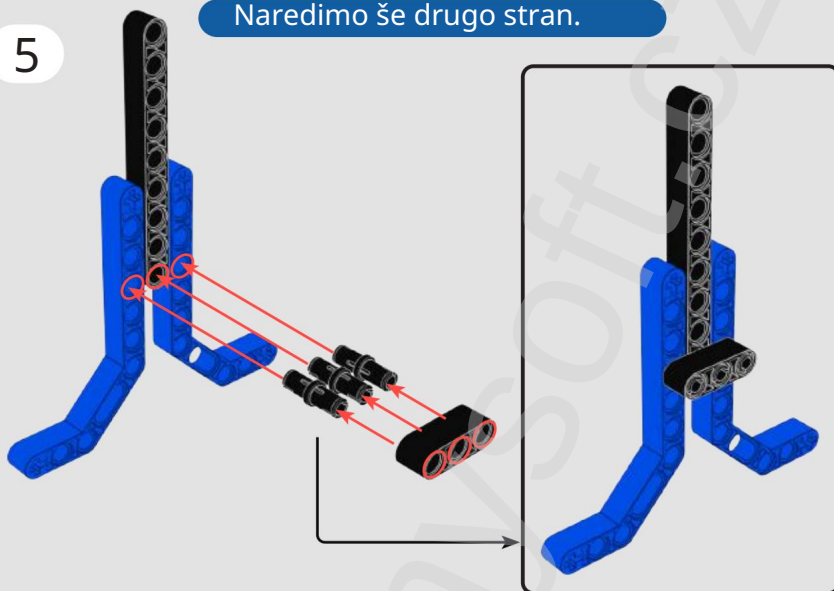


4



5

Naredimo še drugo stran.

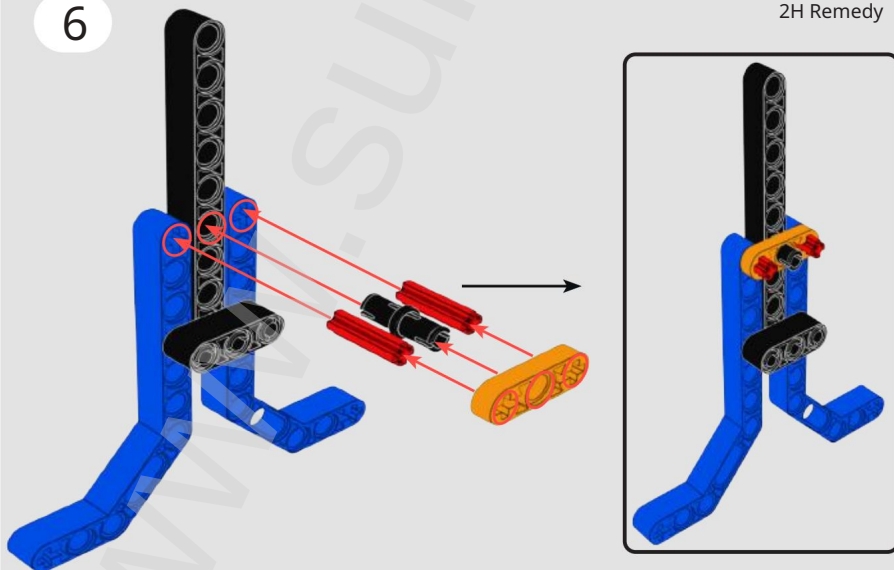


6

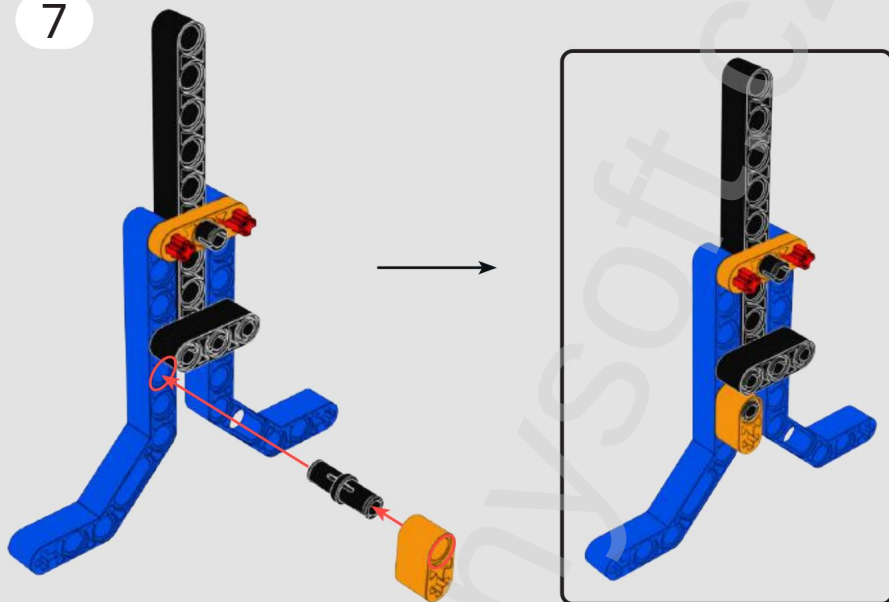
1:1



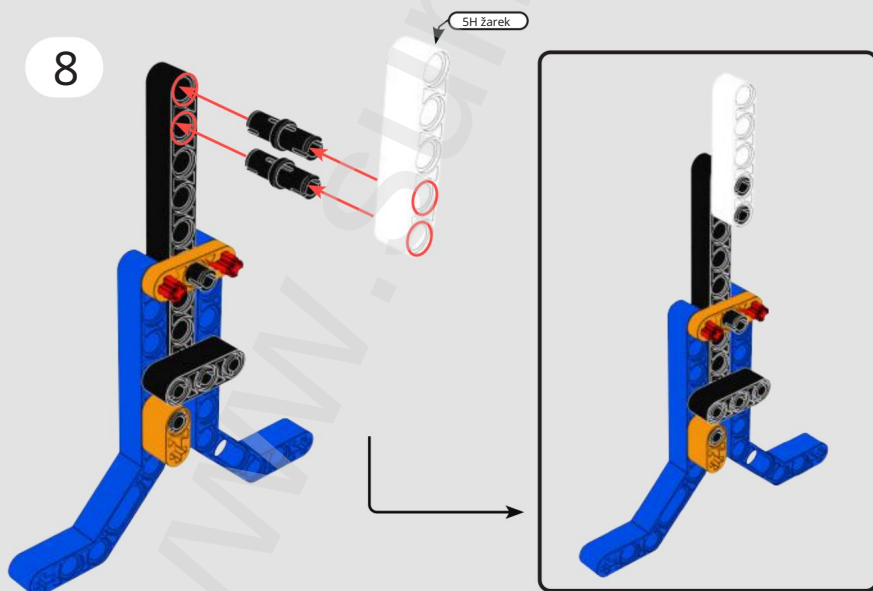
2H Remedy



7



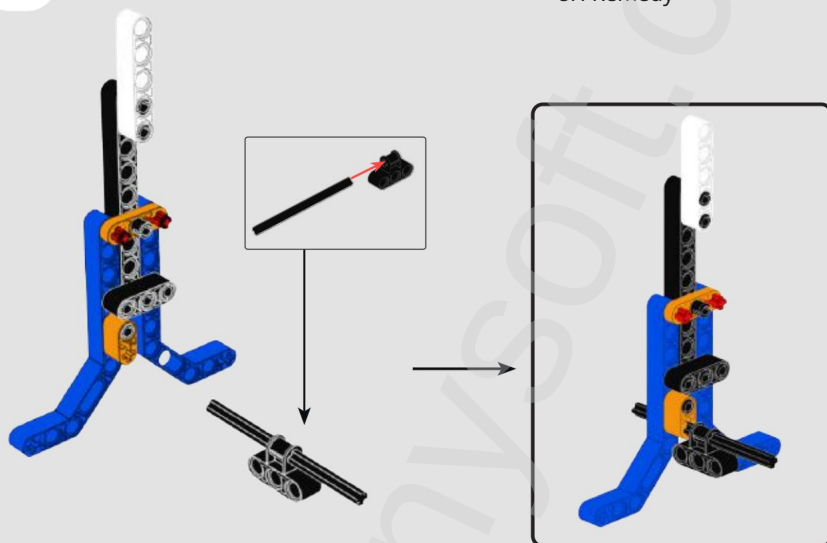
8



9

1:1

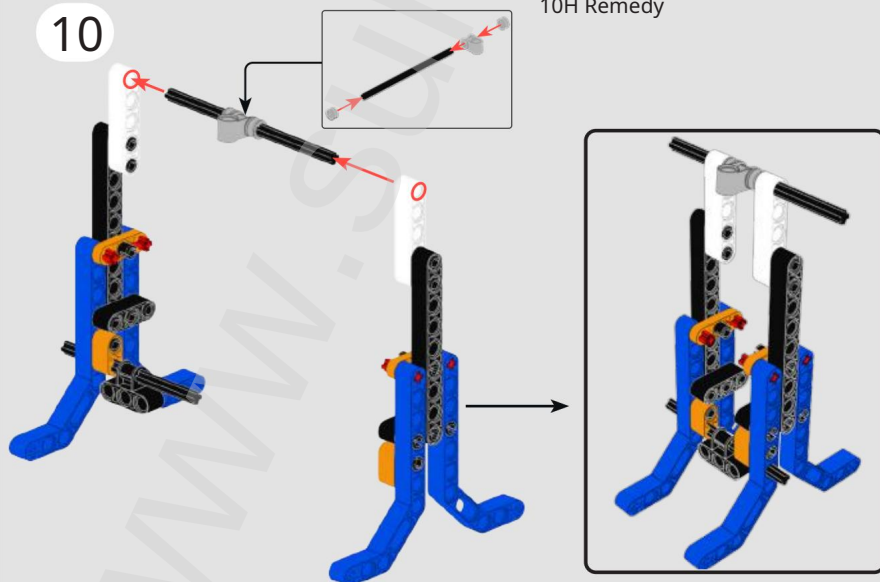
8H Remedy



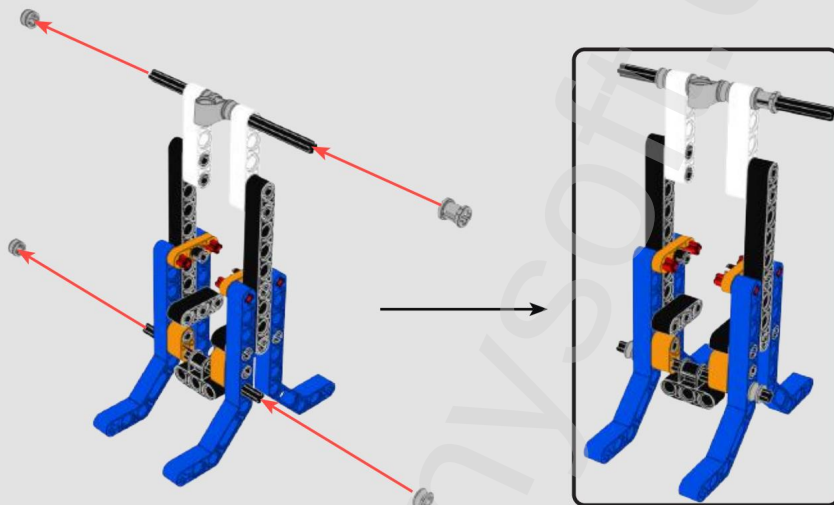
1:1

10H Remedy

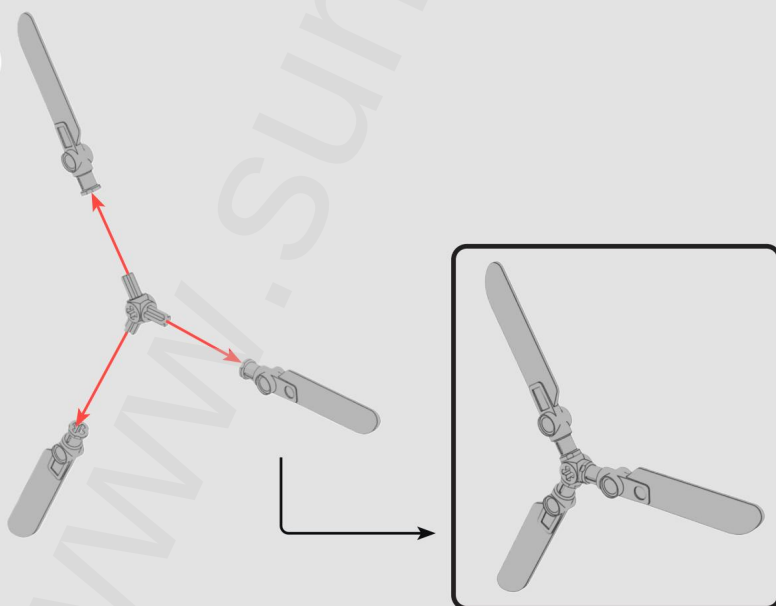
10



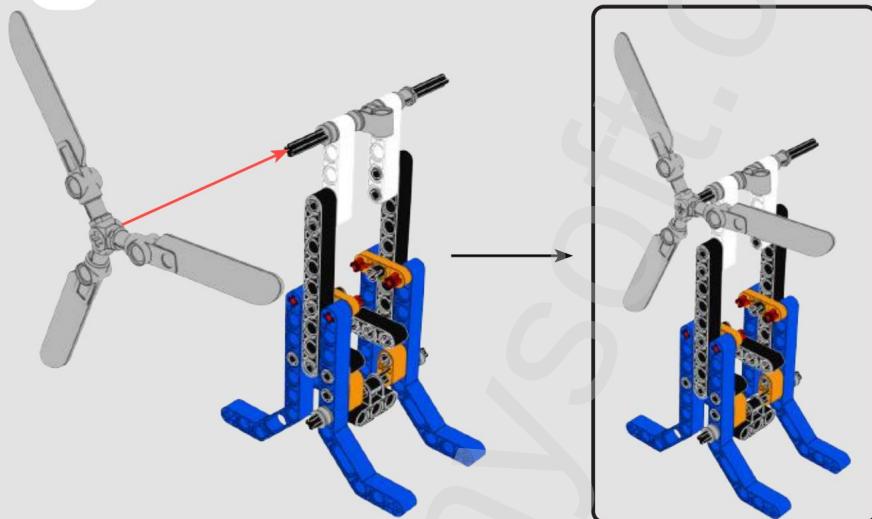
11



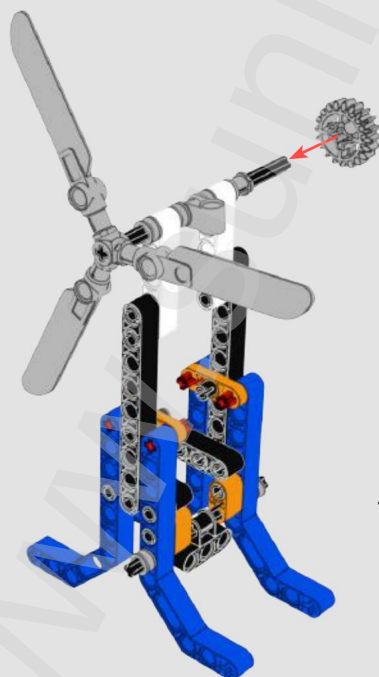
12



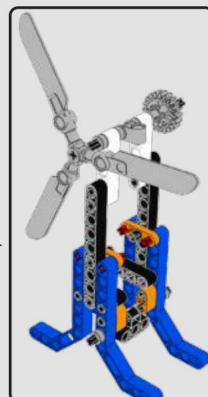
1213



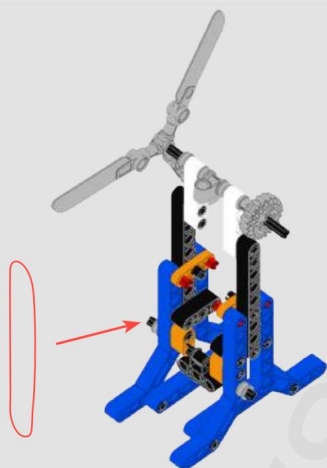
14



20T dvojni
stožčasti
zobnik



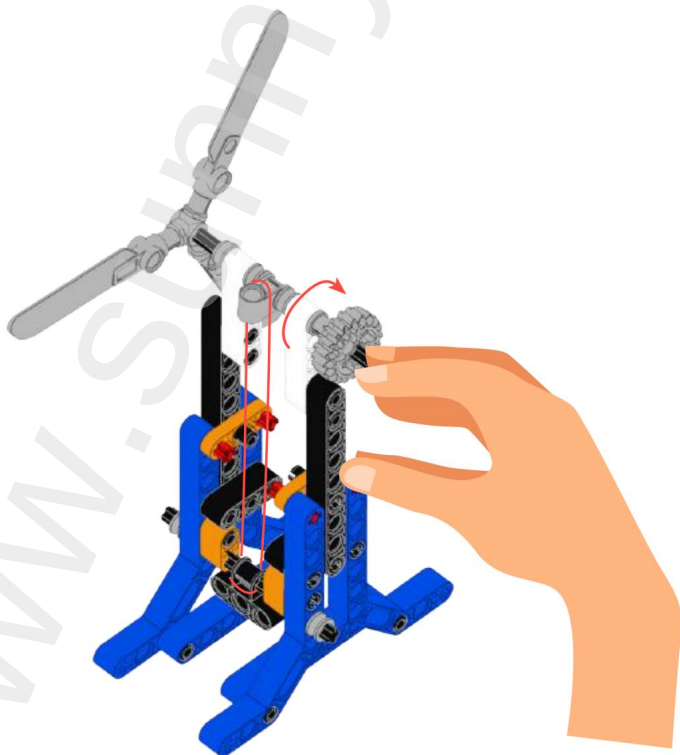
1416



Kako igrati

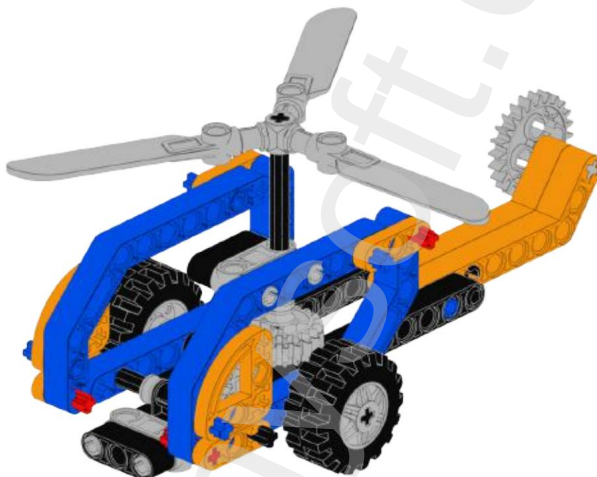


Skenirajte QR kodo
in naložite
svoj projekt!



Projekt 5: Helikopter MEX

Gradimo!



Stvari, ki jih potrebujemo



9 ur
Žarek
x2



3H
Žarek
x2



2Cx10H
Dvojno upogibanje
žarek
x4



2Cx7H
En
upogibni
nosilec x 2



3Cx2H
Thin-D
x2



2Cx1H
Tanko
Žarek
x2



2H Remedy
x4



8 ur
Rešitev
1x



3H
Rešitev
1x



10 ur
Rešitev
1x



Srednje
črna kot pinja
5-krat



Pripni medij
osi-modre

x4
46



3Hx4Pin
Priključek
x2



Polnilo osi - majhno
5-krat



Polnjenje
velike
osi
x4



Veslo
x3



Trojni osni konektor
x1



Pravokotni
pin konektor
na osi x 1



20T dvojni
stožčast
zobniški pogon
x2



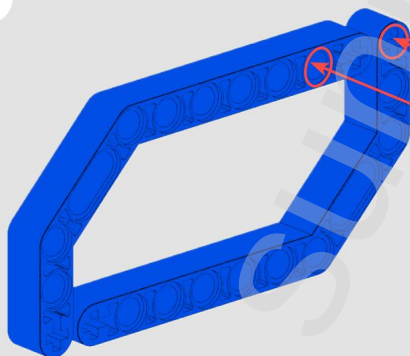
Čelni
zobnik
24T x 1



Kolo
x4

Koraki

1



1:1

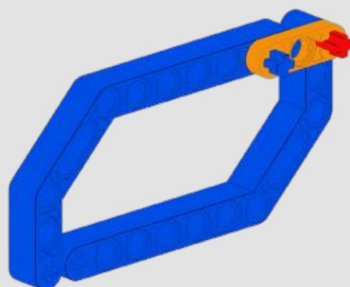


2H Remedy

1:1



Sredinski osni zatič moder

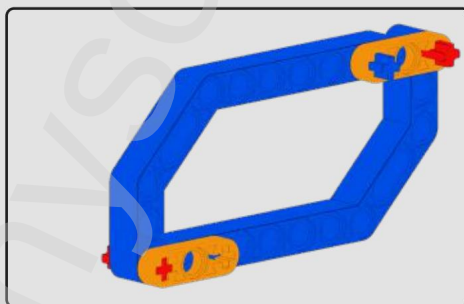
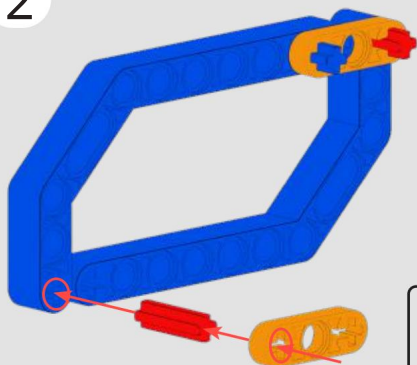


2

1:1



2H Remedy

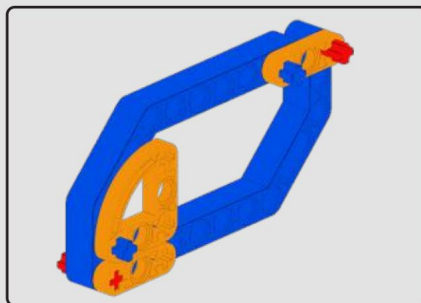
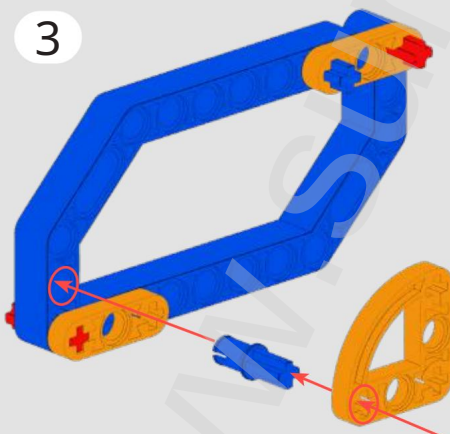


3

1:1



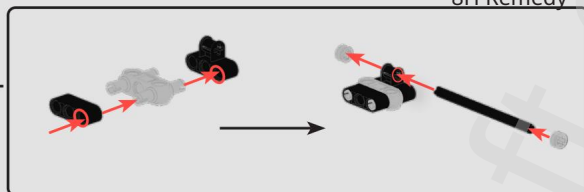
Sredinski osni zatič moder



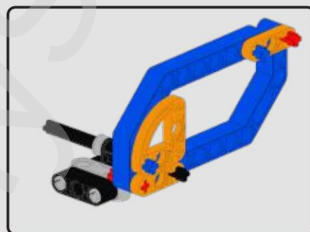
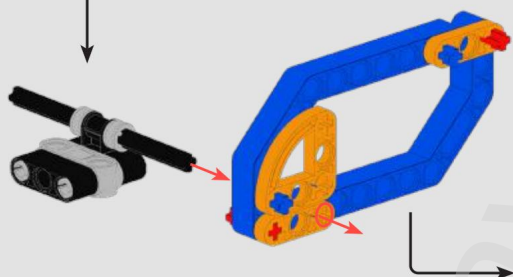
4

1:1

8H Remedy

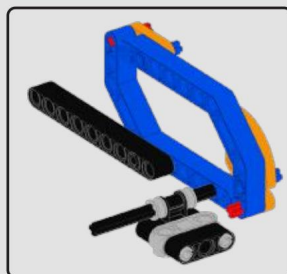
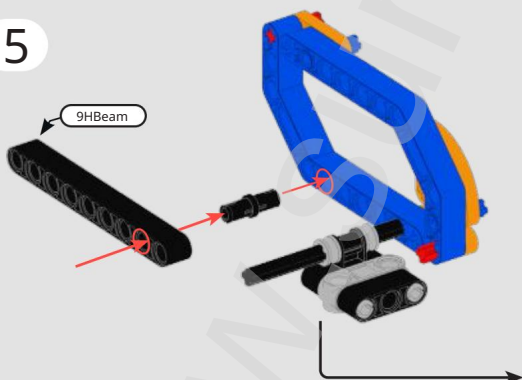


Polnilo osi - majhno



5

9H Beam



Nasvet za montažo



Črne srednje nožice je lahko nekoliko težko vstaviti! Ampak brez skrbi. Potisnite jih skozi in se prepričajte, da je povezava tesna. Uporabi malo sile :-).

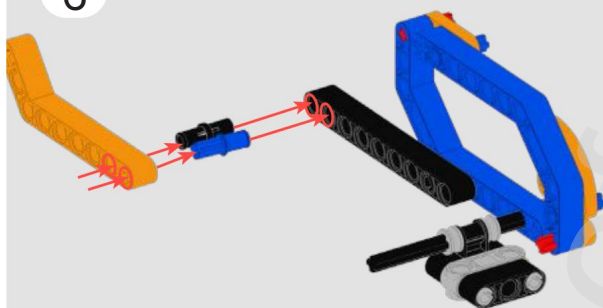


6

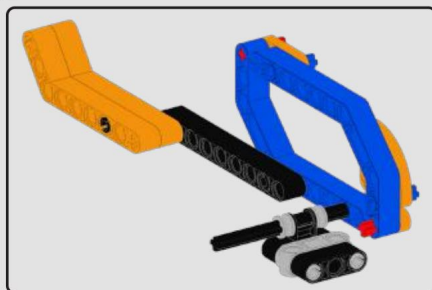
1:1



Sredinski osni zatič moder



7



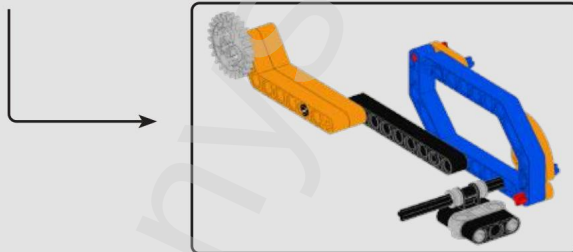
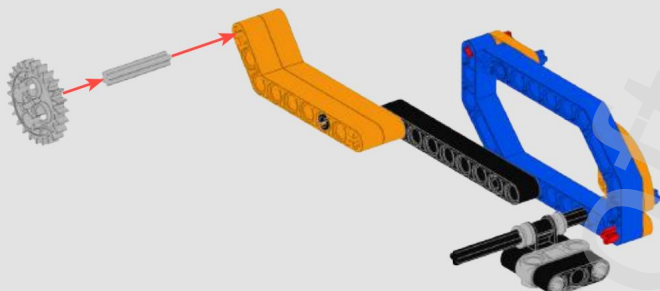
8

1:1

3H Remedy



Čelni zobnik
kolo --24T



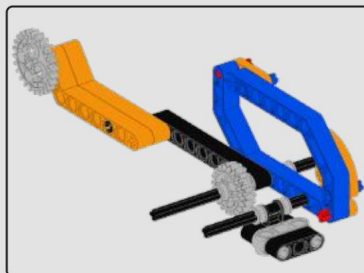
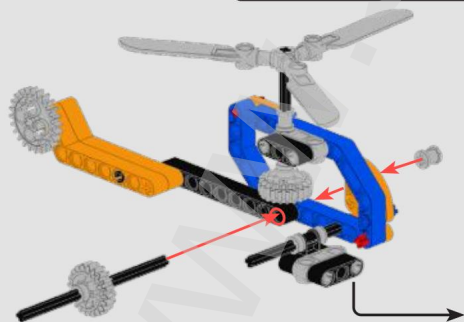
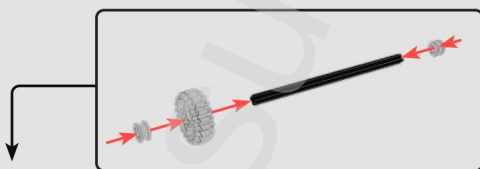
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1:1

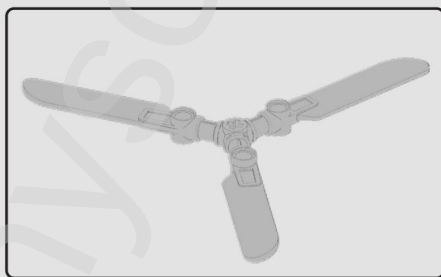
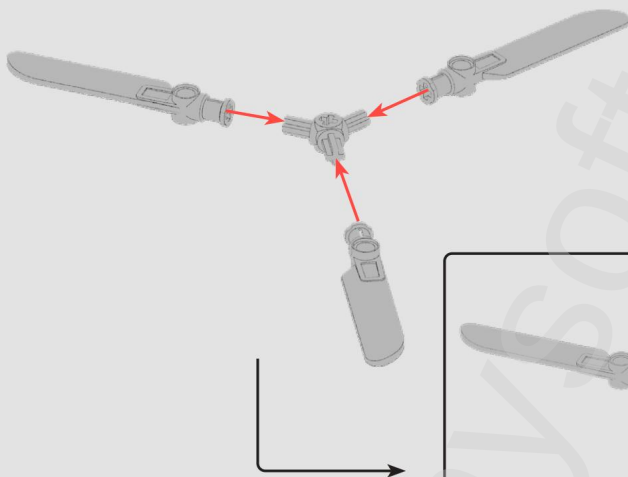
10H Remedy



20T dvojni
stožčasti zobnik

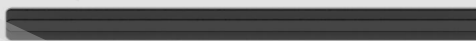


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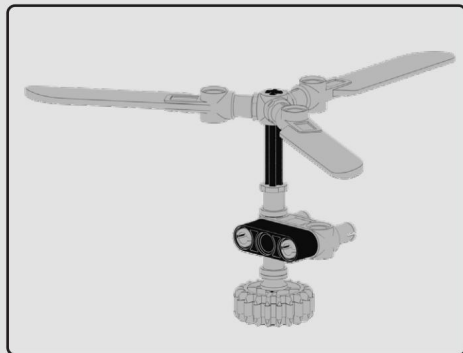
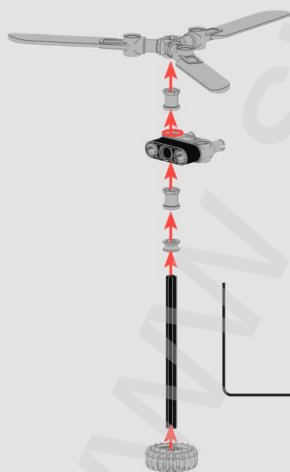


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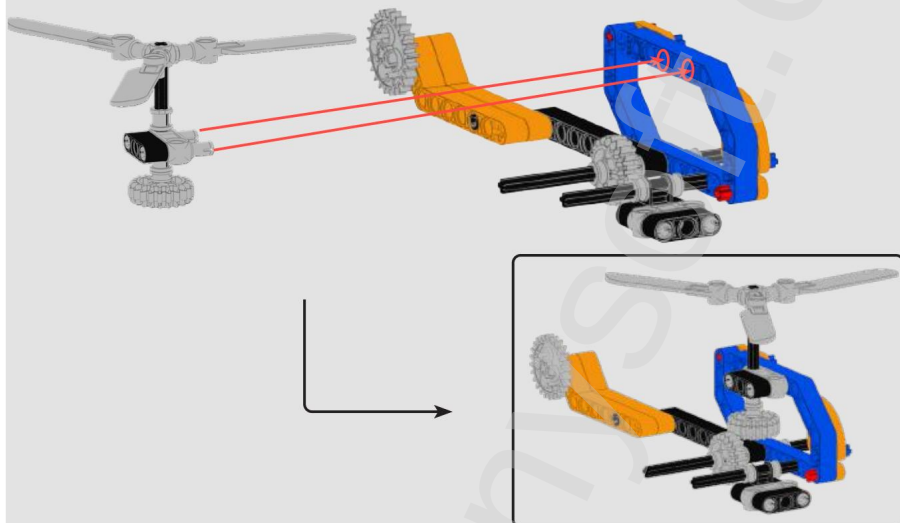
1:1



8H Remedy

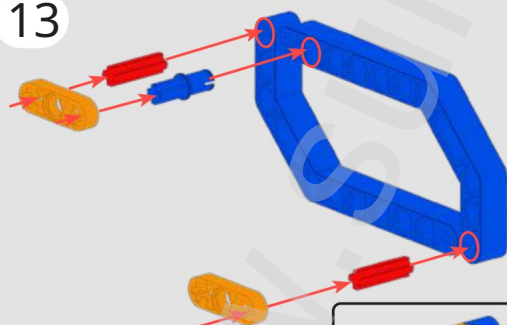


12



Naredimo še drugo stran.

13



(1:1)

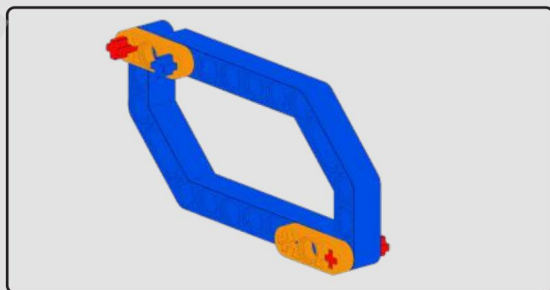


2H Remedy

(1:1)



Sredinski osni zatič moder

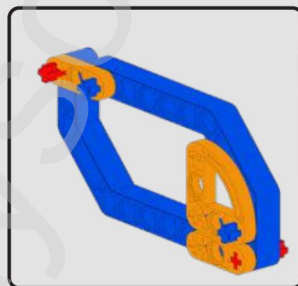
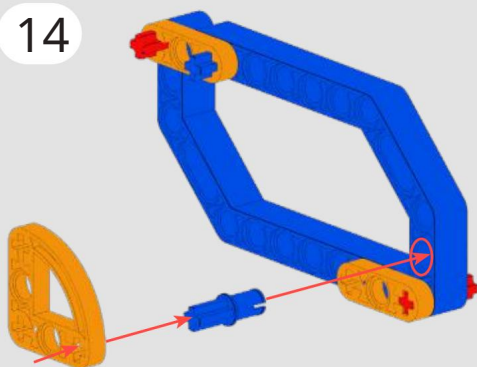


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1:1

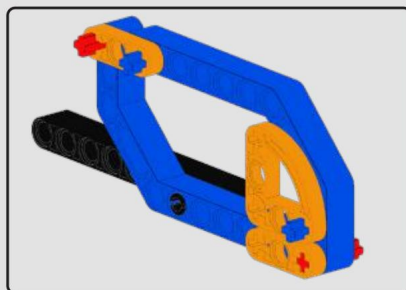
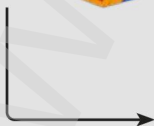
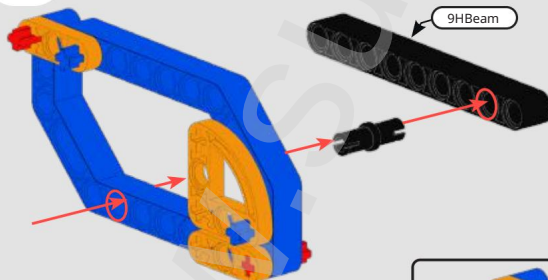


Sredinski osni zatič moder

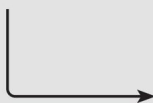
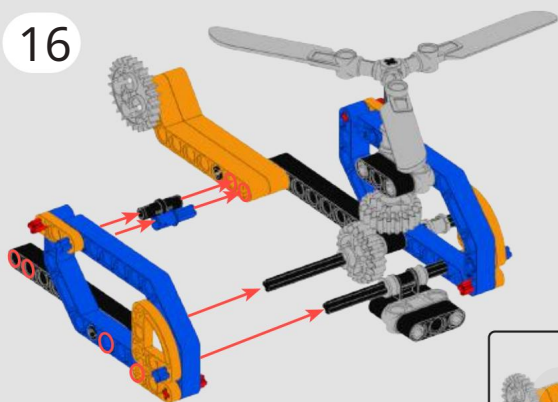


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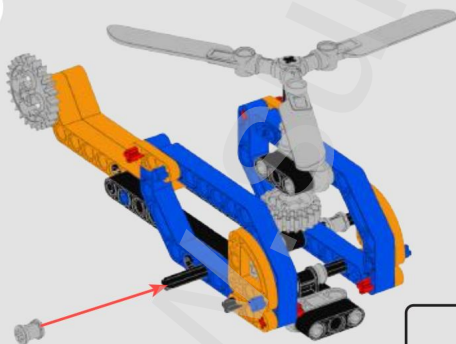
9HBeam



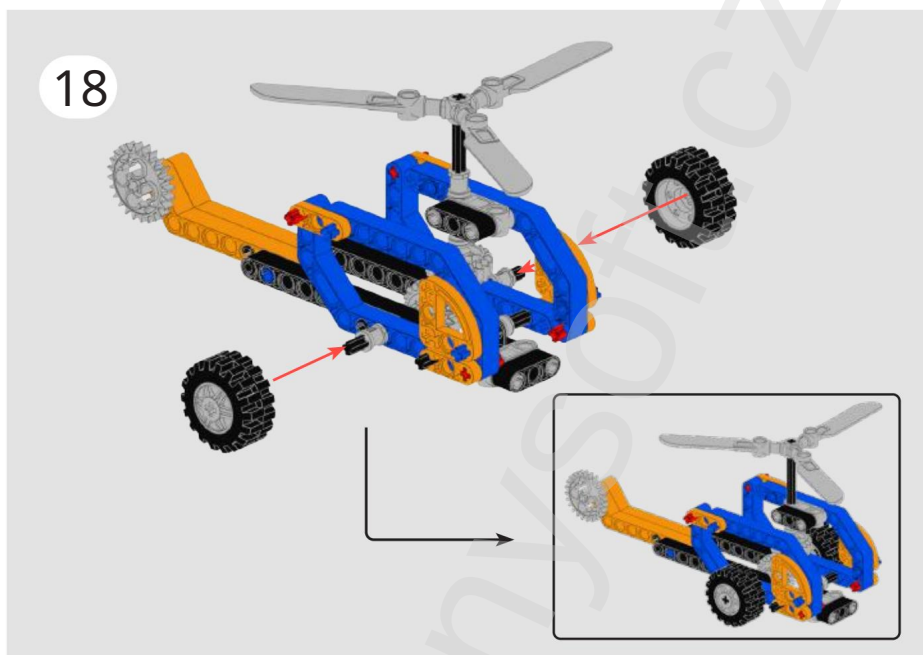
16



17



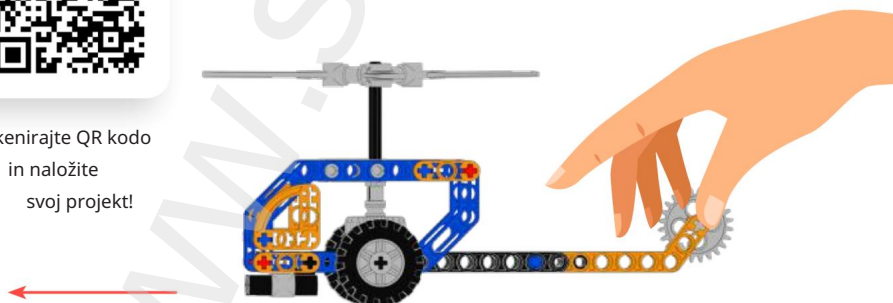
18



Kako igrati



Skenirajte QR kodo
in naložite
svoj projekt!



Še 5 projektov!

Skenirajte kodo QR, da odklenete še pet projektov



Robotizirajte svoje robote!

Želite svojim projektom MREK dodati motorje in LED diode ter se z njimi poigrati s pomočjo aplikacije? Kupite paket elektronike MEX in nadgradite svoj komplet!



Skeniraj in kupi zdaj



Napišite nam svoje mnenje!

Vaše povratne informacije so v središču naše rasti in z veseljem bi delili vaše izkušnje s svetom. Preprosto zapišite svoje misli na tej strani, fotografirajte se, označite nas in jih delite v svojih zgodbah!

#DeliSvojoIzkušnjo #AvishkaarAdventures

Dobavitelj/Distributer

Sunnysoft d.o.o.
Kovanečka 2390/1a
190 00 Praga 9
Češka republika
www.sunnysoft.cz



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+91 - 8506931515 support@avishkaar.cc www.avishkaar.cc



@AvishkaarEdu

avishkar

MEX

Robotics Explorer Kit

User Manual



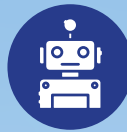
PROBLEM
SOLVING



MECHANICAL
DESIGN



CREATIVITY



ROBOTICS





**"I don't dream
of success, I work
towards it!"**

Sneak peak

| | |
|--|----|
| Make the most out of your kit | 04 |
| Innovator's oath | 05 |
| Armour check | 08 |
| All About Axles | 11 |
| Project 1: MEX Mountain Bike(MTB)..... | 12 |
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| Robotify your Bots! | 58 |

Make the Most Out of Your Kit

Innovate



Take the Innovator's Oath

Take the innovator's oath mentioned on page 5 and understand what it means to be an innovator.



Learn using Manual/Videos

Follow detailed instructions in the manual and learn how to build exciting robots with your kit.



Build, Code & Control

Build innovative projects using your kit, and control the Robots using Avishkaar Remote and Code using Avishkaar Maker Studio.

Share



Join Let's Avishkaar

Join our FB community - connect with innovators and get latest updates on webinars.



Upload Projects

Upload projects on www.avishkaar.cc and share them with innovators globally.



International Competitions

Participate in weekly, monthly and annual competitions and win glory globally.



Innovator's Oath

Take the Innovator's Oath below to pledge yourself to lifelong commitment towards Innovation and Problem Solving. Share a photo on the Let's Avishkaar FB Community.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



**Explore
your Kit**

Welcome to Avishkaar

Download the Avishkaar App

Download the Avishkaar App by scanning the QR codes below:



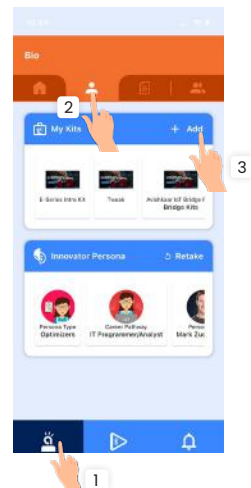
① Create an Account

Open the app and follow the on-screen steps to make an account.



② Register your Kit

Go to the 'Profile' section in the app and click on '+ Add More' in the 'My Kits' section to register your kit. This step is important to control your robot later.



Product Registration
Sticker

Armour Check

Box 1 (Construction parts)

BEAM



9H Beam
x 2



7H Beam
x 2



5H Beam
x 4



3H Beam
x 2

Note: 'H' stands for holes. Eg. 15H beam means beam with 15 holes.



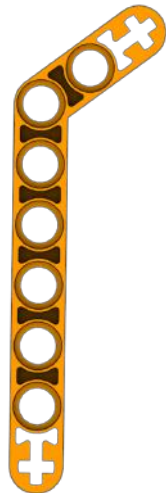
2Cx1H
Thin-Beam
x 4



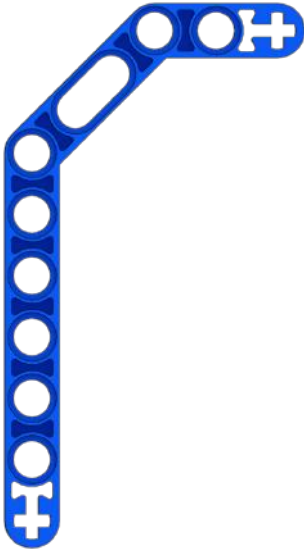
1Cx1H Beam
x 2



3Cx2H Thin-D
x 2



2C x7H Single Bend
x 2



2Cx10H Double
Bend Beam
x 4

FILLERS



Axle Filler- Big
x 4



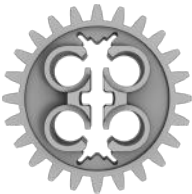
Axle Filler- Small
x 6

WINGS



Wing x 3

GEAR

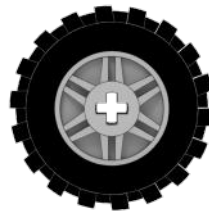


Spur Gear-24T
x 2



20T Double
Bevel gear
x 2

WHEEL



Small Wheel
x 4

PINS



Long Pin-Blue
x 2

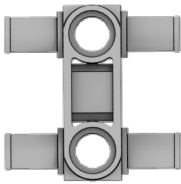


Medium Pin-Black
x15



Medium Axle Pin-Blue
x 6

CONNECTORS



3Hx4 Pin Connector
x 2



Triple Axle Connector
x 1



Axle Triple Pin
Perpendicular Connector
x 2



1C x 1H Perpendicular
Connector x 1

Rubber Band



Rubber band
x 3

All About Axles

NOTE : The axles are in 1:1 with the imprinted slots (**XH Axle**) in manual.

1:1



2H
Axle
(4)



3H
Axle
(1)



4H
Axle
(2)



6H
Axle
(1)



8H
Axle
(2)



9H
Axle
(1)



10H
Axle
(1)

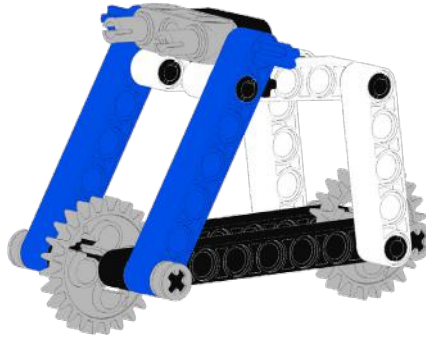


13H
Beam

- 13th Hole
- 12th Hole
- 11th Hole
- 10th Hole
- 9th Hole
- 8th Hole
- 7th Hole
- 6th Hole
- 5th Hole
- 4th Hole
- 3rd Hole
- 2nd Hole
- 1st Hole

Project 1: MEX Mountain Bike(MTB)

Let's Build!



Things we need



9H Beam
x 2



5H Beam
x 4



3H Beam
x 1



4H Axle
x 2



6H Axle
x 1



Medium
Pin-Black
x 4



Medium Axle
Pin-Blue
x 2



3Hx4Pin
Connector
x 1



Spur Gear24T
x 2



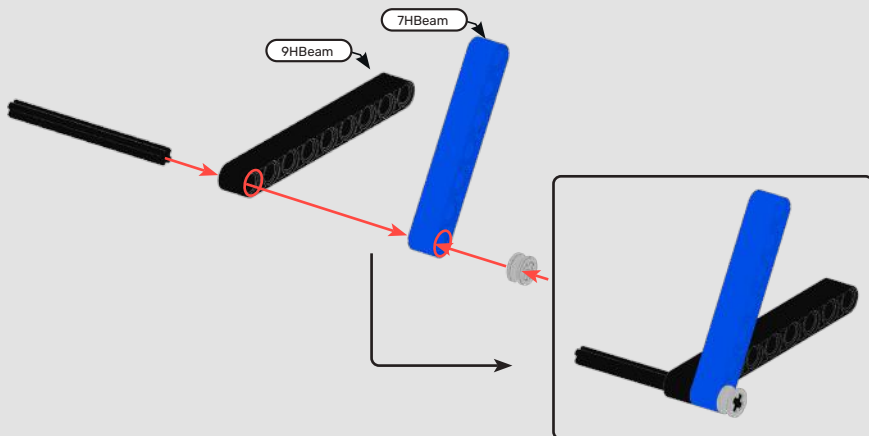
Axle
Filler-Small
x 5

Steps

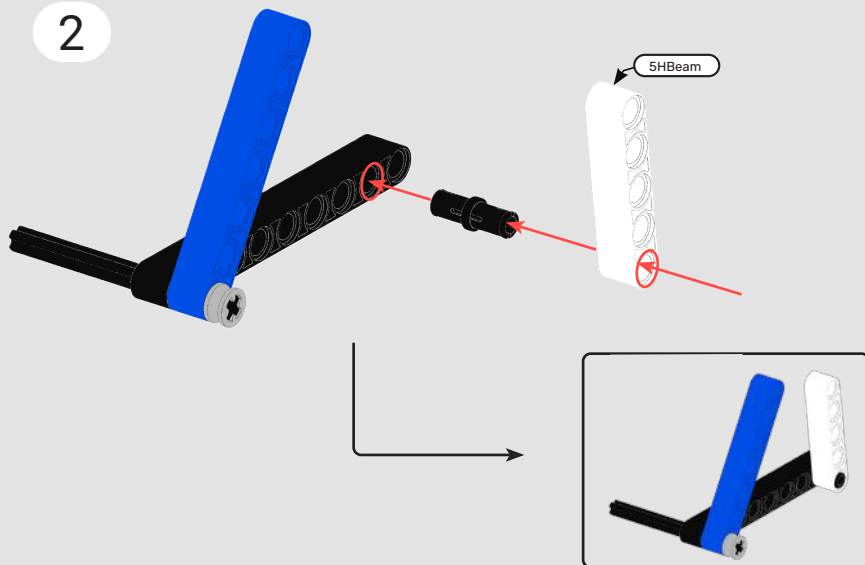
1:1

6H Axle

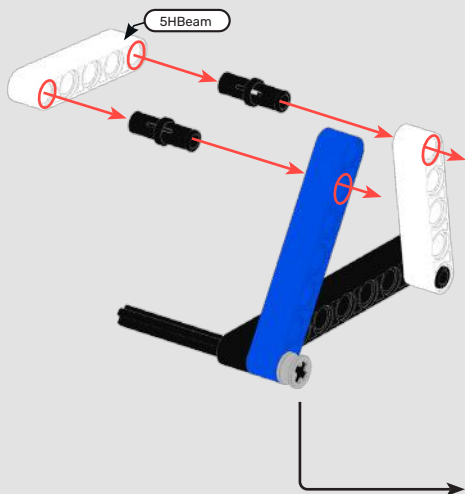
1



2



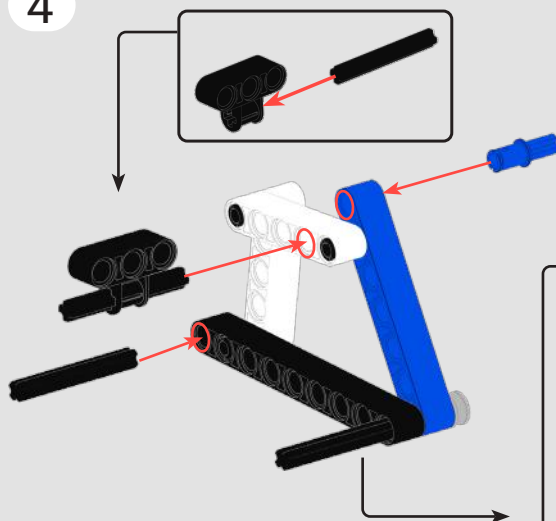
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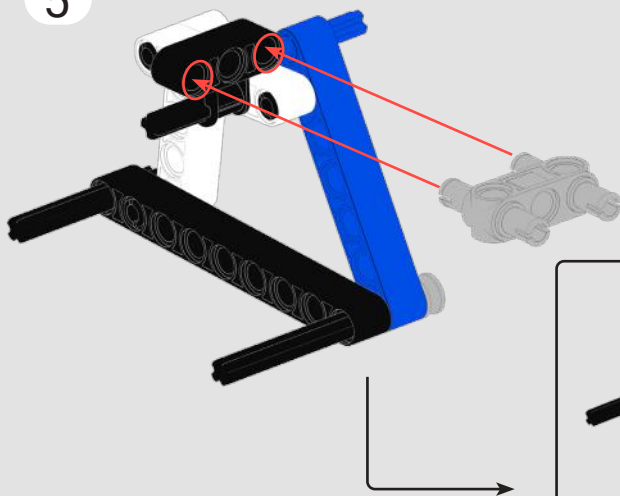
1:1

4H Axle

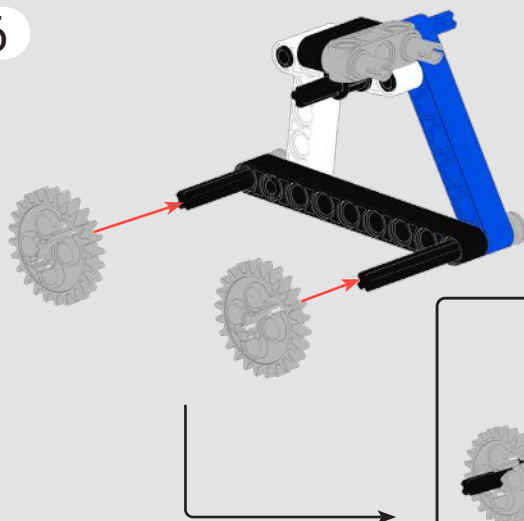
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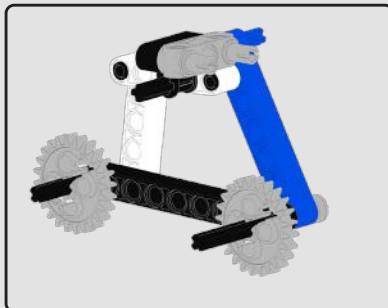
5



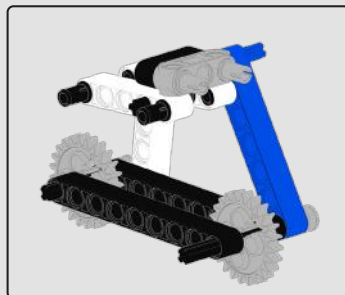
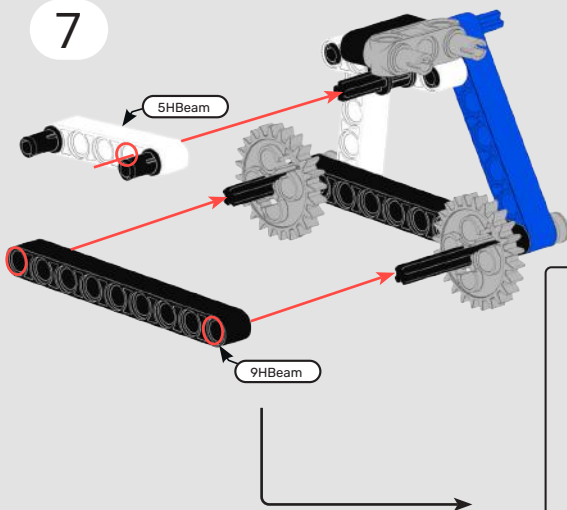
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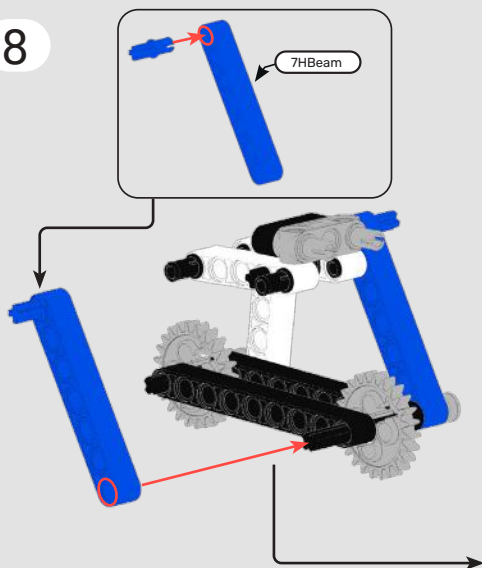
Spur Gear-24T



7



8



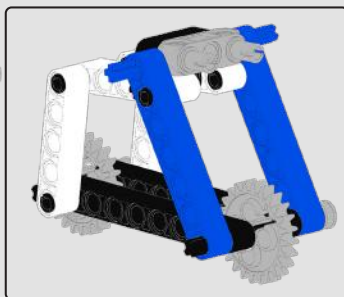
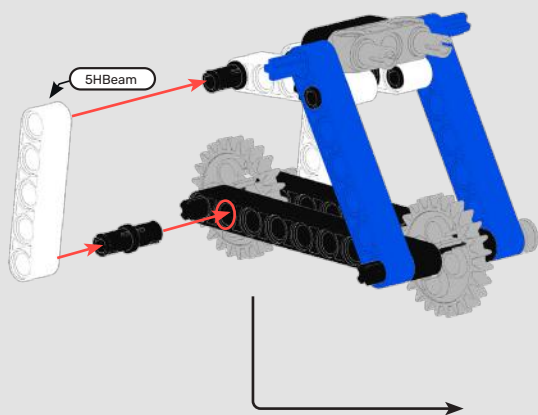
1:1



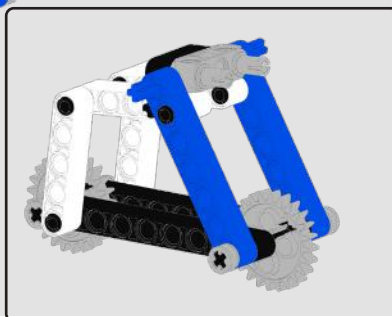
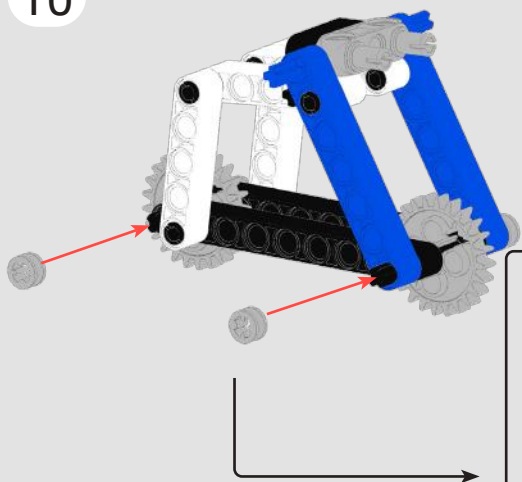
Medium Axle Pin Blue



9



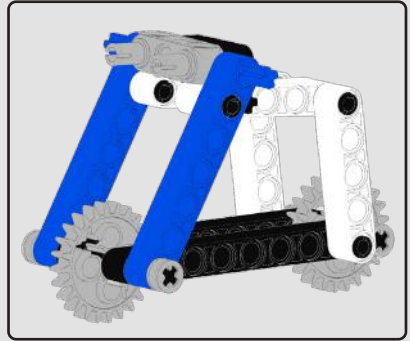
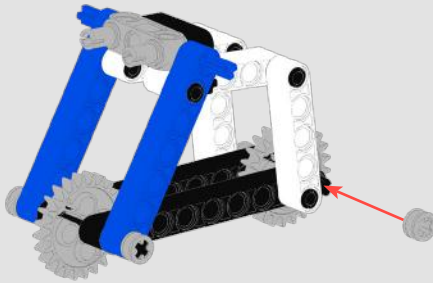
10



11



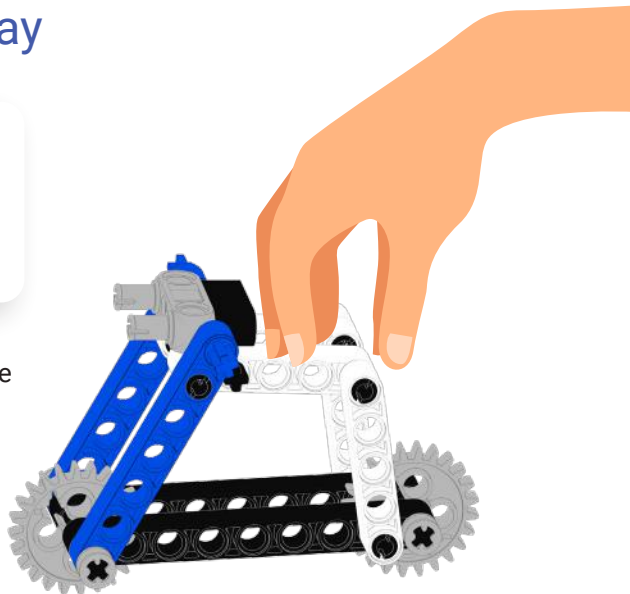
Axle Filler- Small



How to play

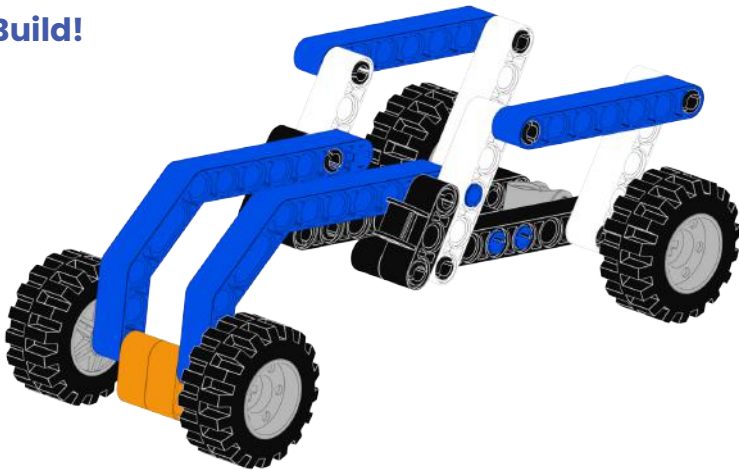


Scan QR
and upload the
Project!



Project 2: MEX Retro Car

Let's Build!



Things we need



9H Beam
x 2



7H Beam
x 2



5H Beam
x 4



3H Beam
x 2



2Cx10H
Double Bend
Beam
x 2



1Cx1H Beam
x 2



Medium Axle
Pin-Blue
x 2



Medium
Pin-Black
x 13



Long
Pin-Blue
x 2



3Hx4Pin
Connector
x 2



1Cx1H
Perpendicular
Connector
x 1



Axle Triple Pin
Perpendicular
Connector
x 1



6H Axle
x 1



10H Axle
x 1



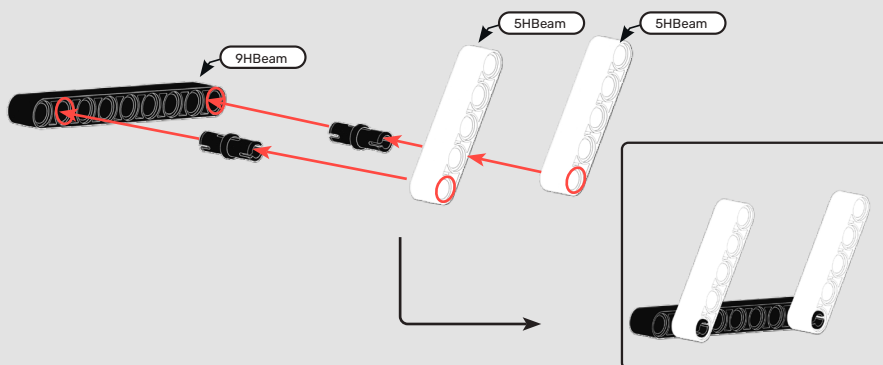
Wheel
x 4



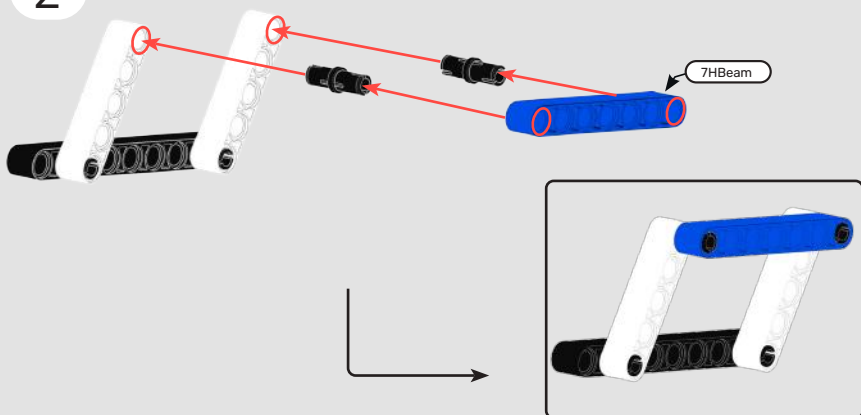
Rubber band
x 1

Steps

1



2

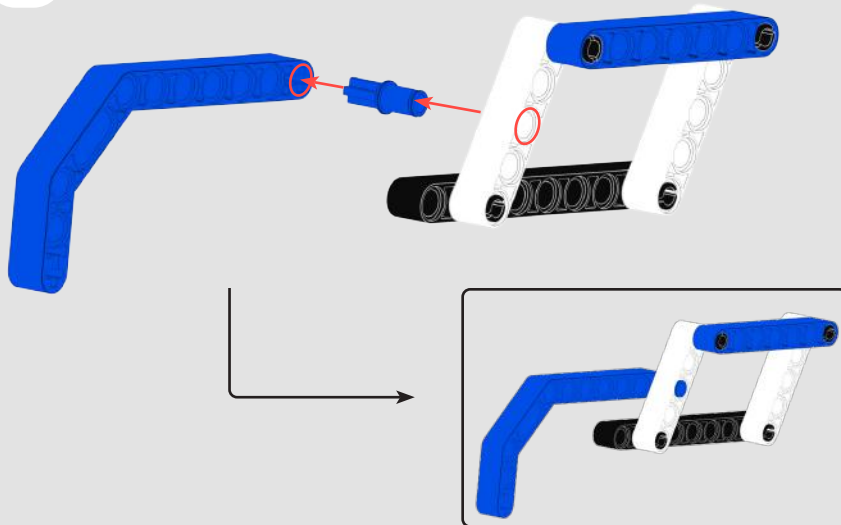


3

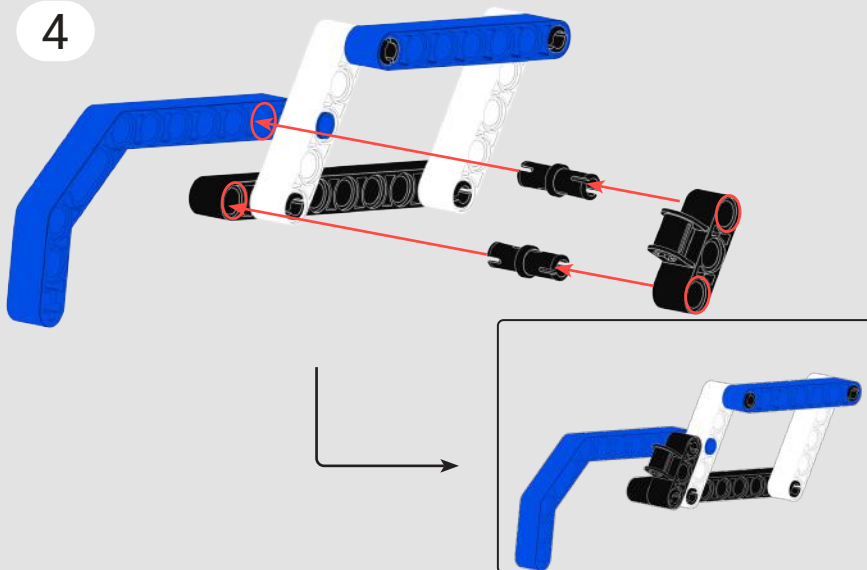
1:1



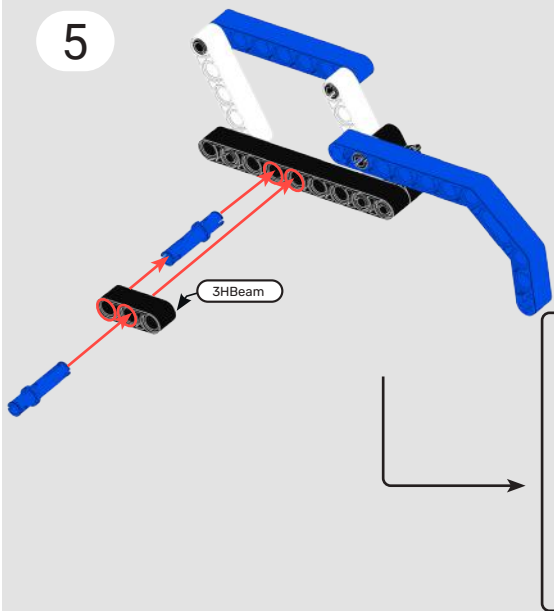
Medium Axle Pin Blue



4



5

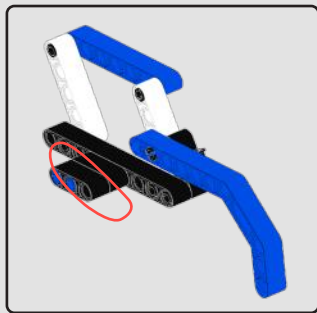
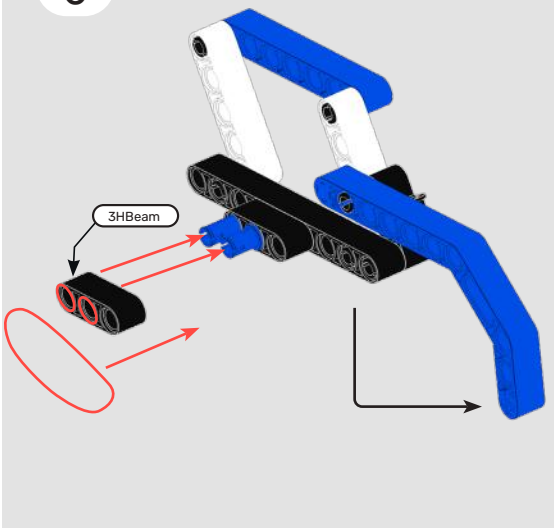


1:1

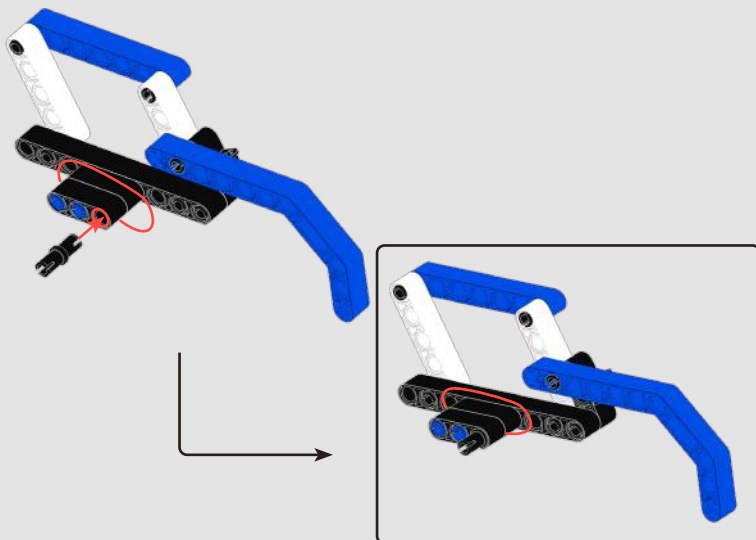


Long Pin Blue

6

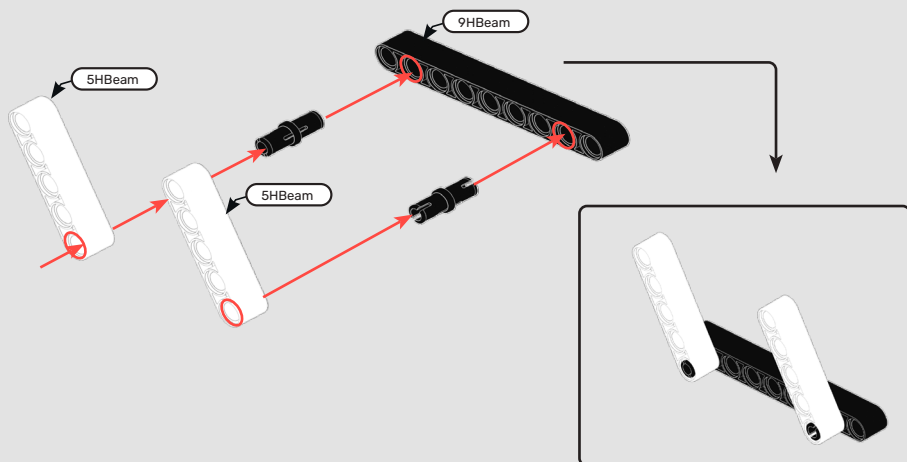


7

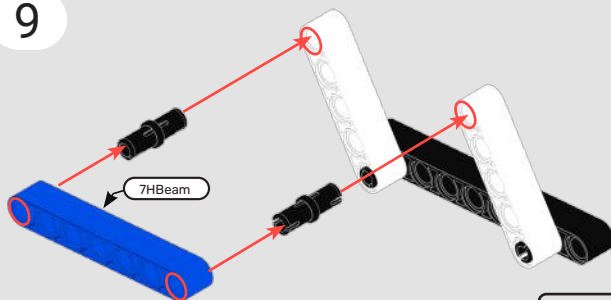


Let's make the another side.

8



9

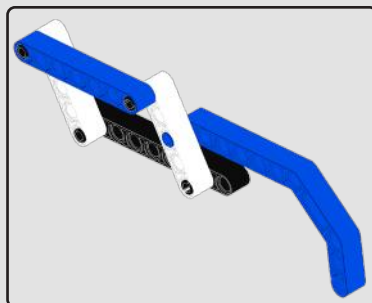
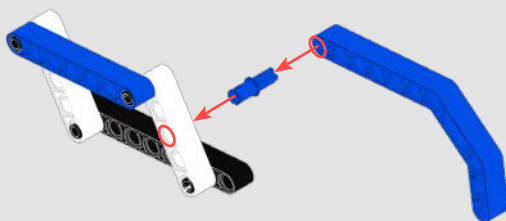


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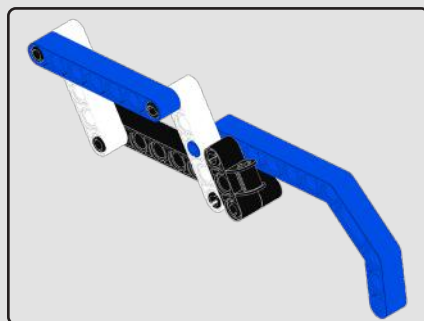
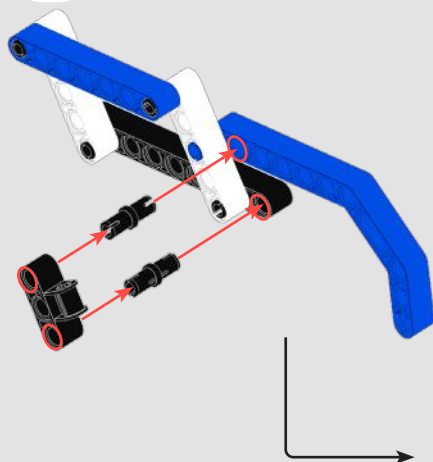
1:1



Medium Axle Pin Blue



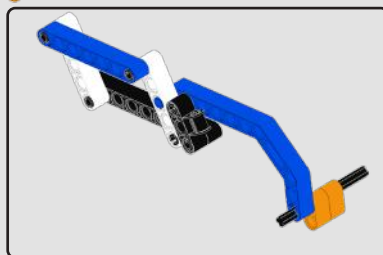
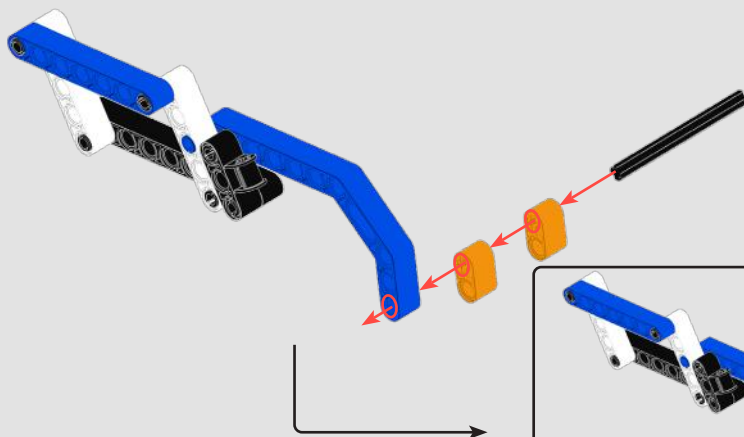
11



1:1

6H Axle

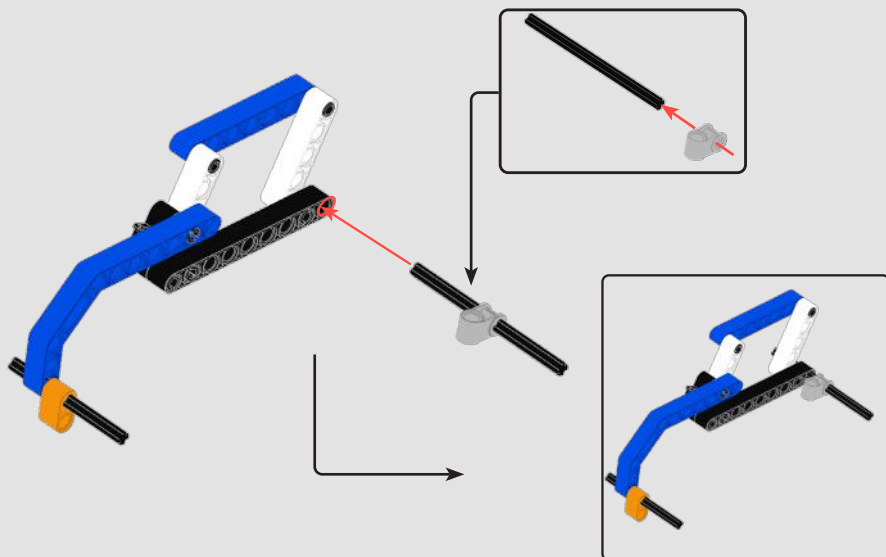
12



13

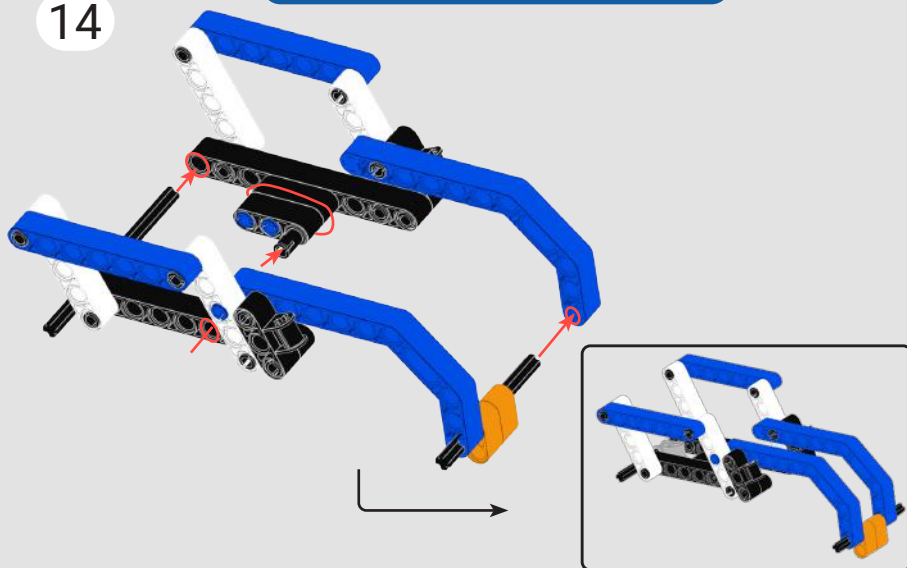
1:1

8H Axle

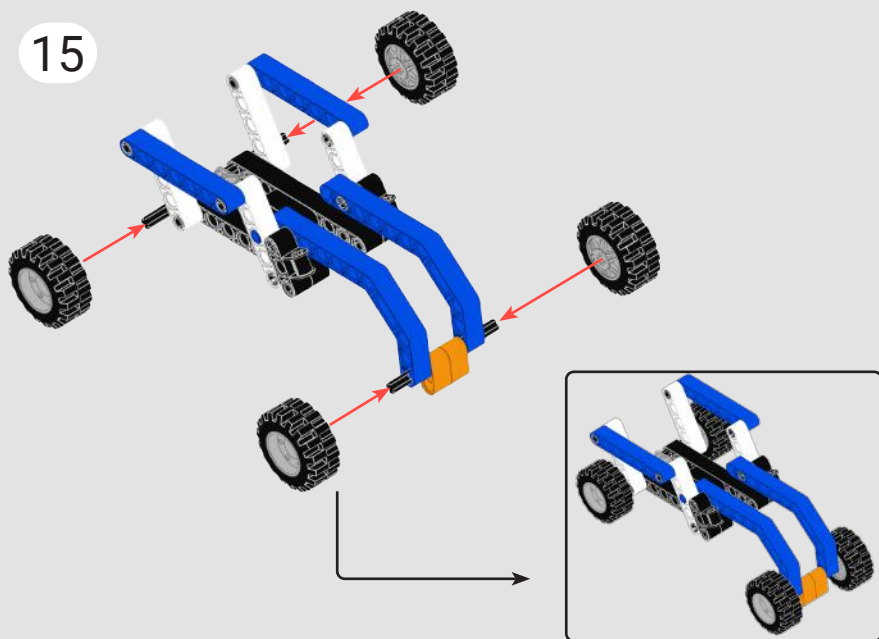


14

Let's Assemble both the sides.



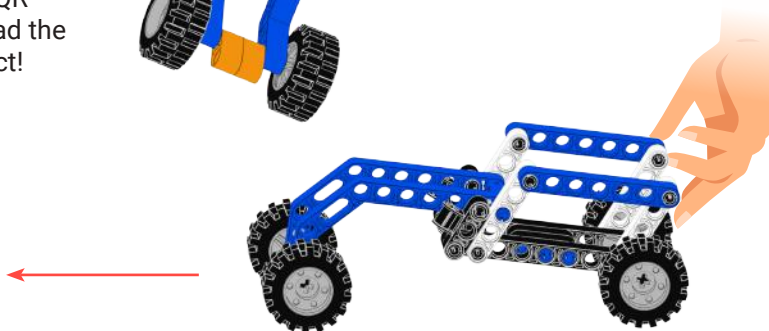
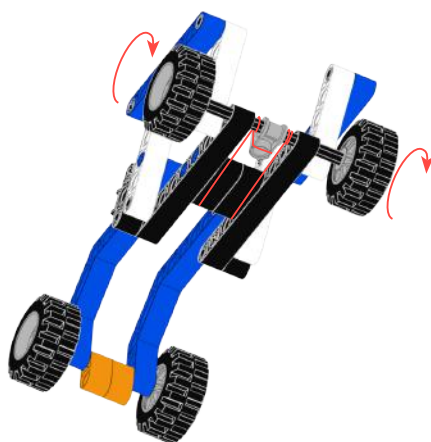
15



How to play

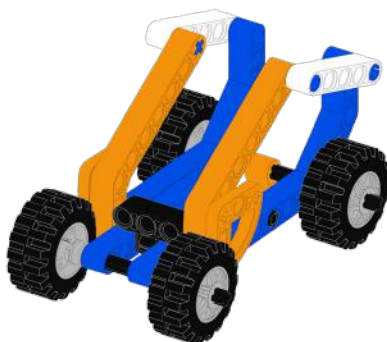


Scan QR
and upload the
Project!



Project 3: MEX Buggy

Let's Build!



Things we need



7H Beam
x 2



5H Beam
x 2



2Cx10H
Double Bend
Beam
x 2



2Cx7H Single
Bend Beam
x 2



3Cx2H Thin-D
x 2



1Cx1H Beam
x 2



Medium Axle
Pin-Blue
x 4



Medium
Pin-Black
x 4



6H Axle
x 1



8H Axle
x 1



10H Axle
x 1



Axle Filler-Big
x 4



Axle Filler-
Small
x 2



Axle Triple Pin
Perpendicular
Connector
x 1

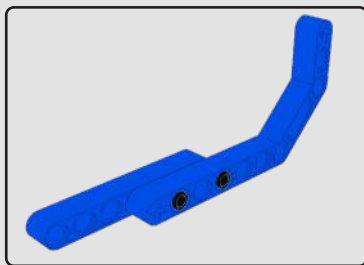
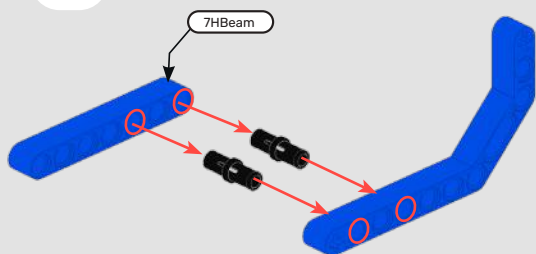


Wheel
x 4



Rubber band
x 1

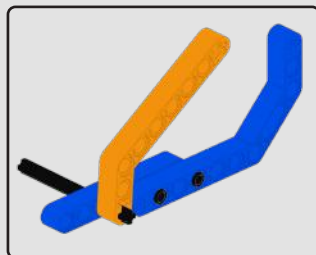
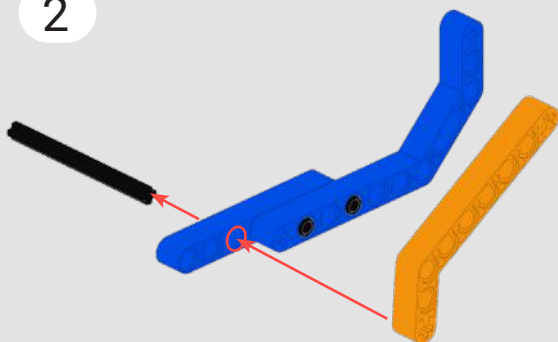
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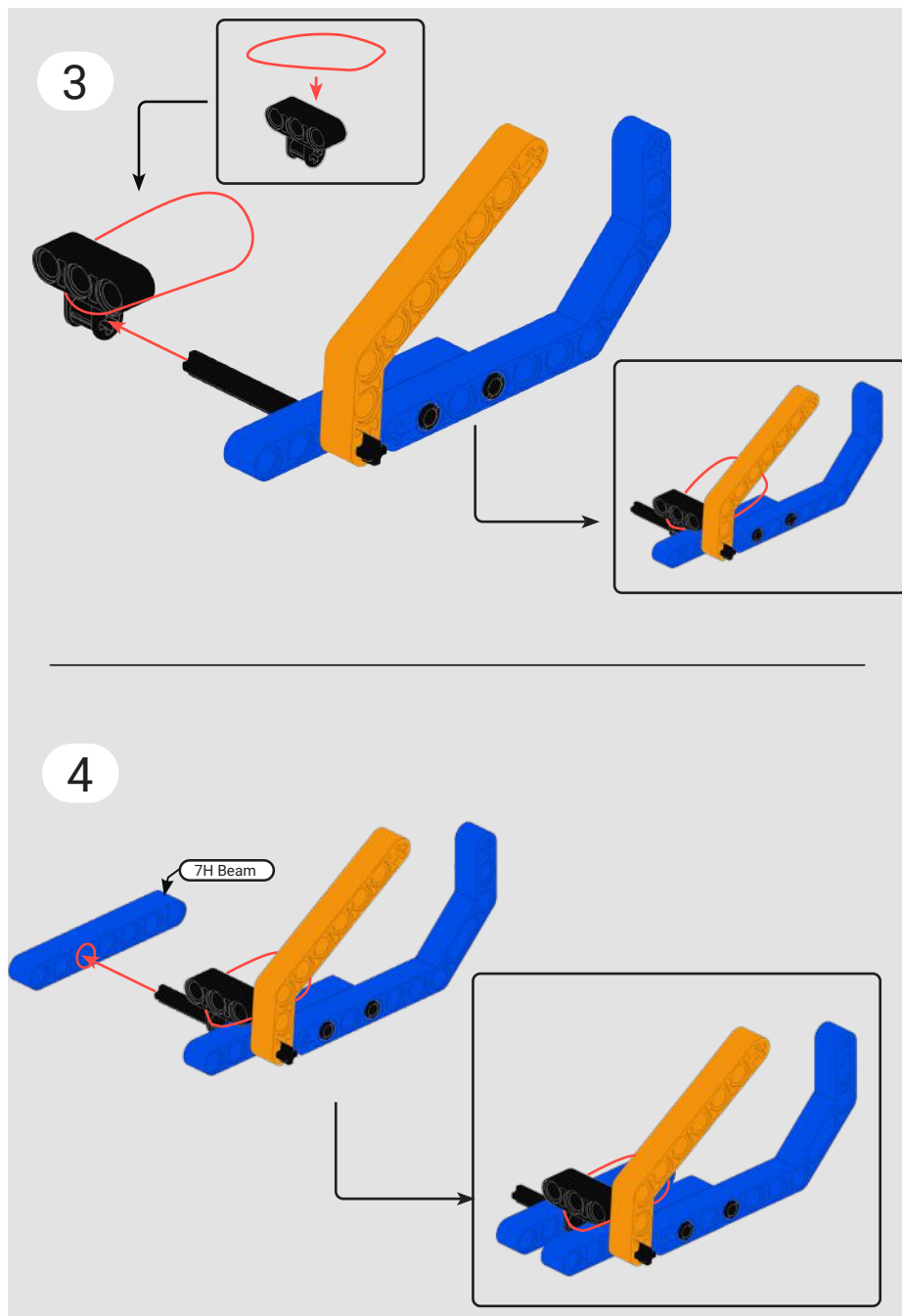


2

1:1

6H Axle

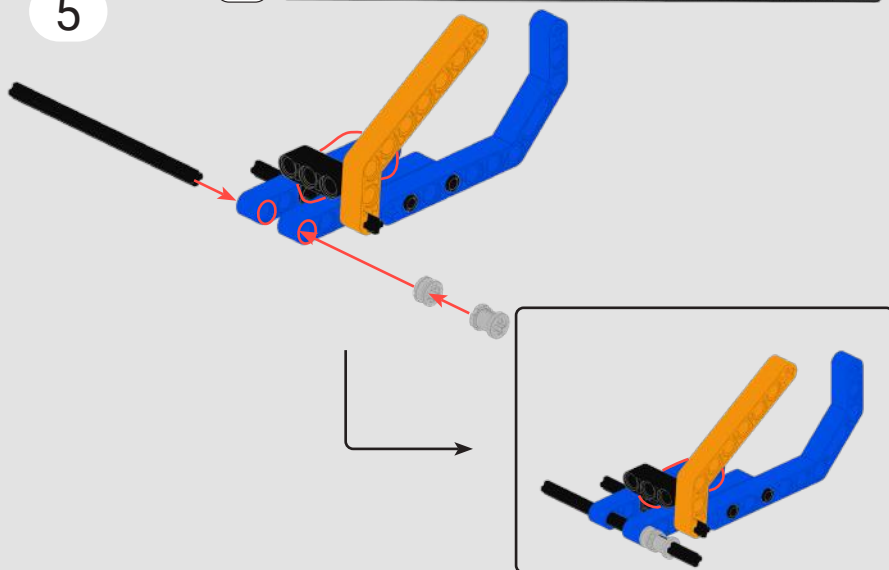




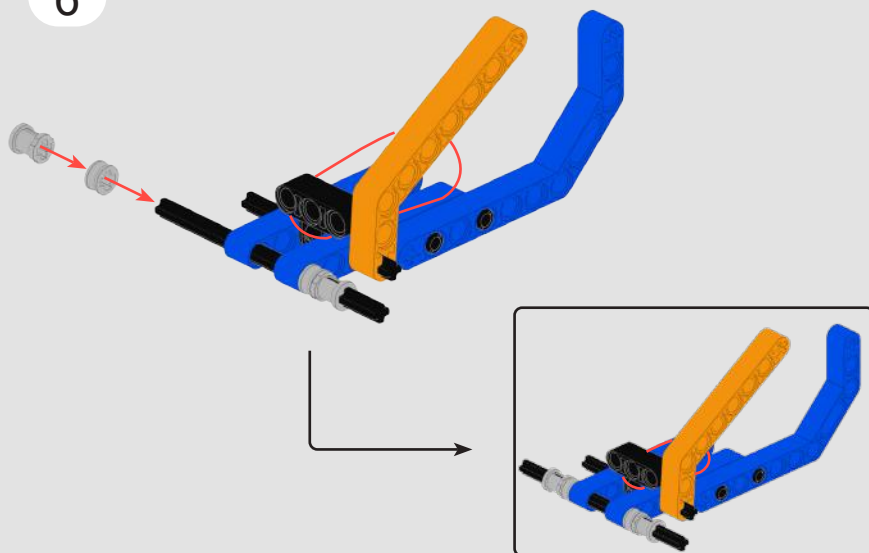
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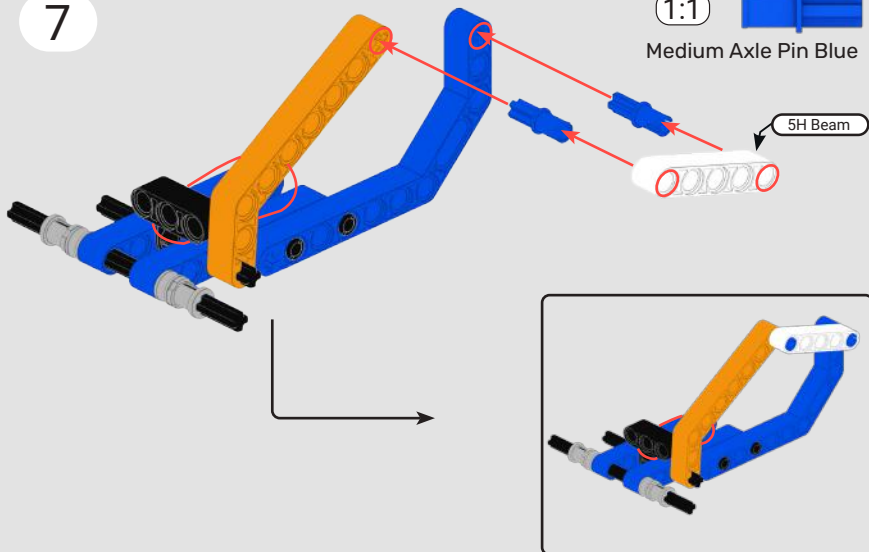
10H Axle



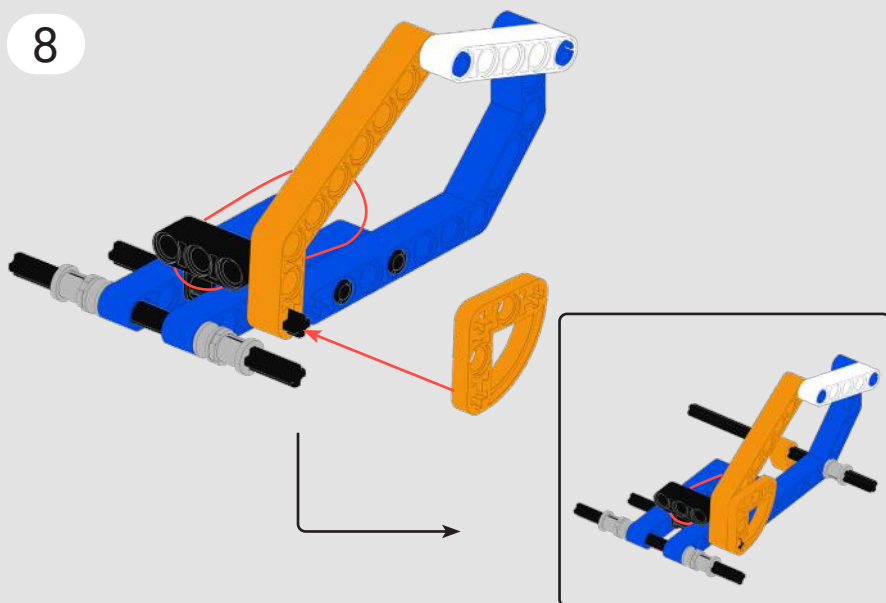
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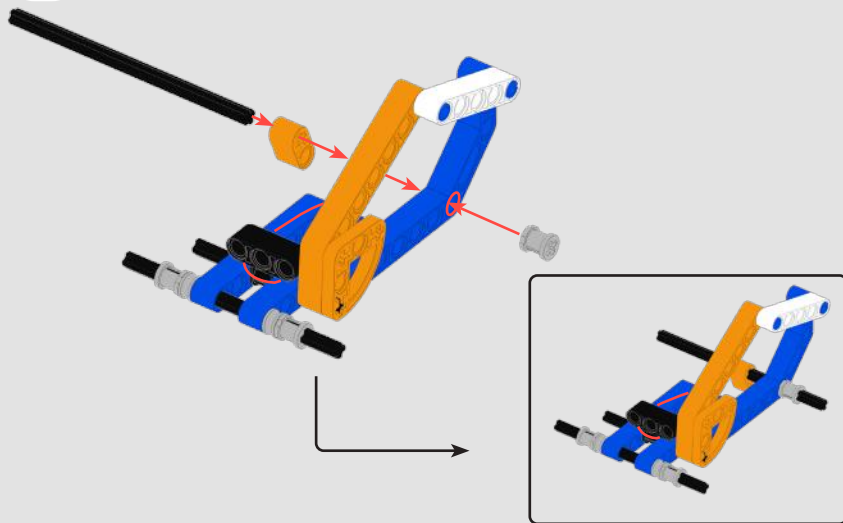
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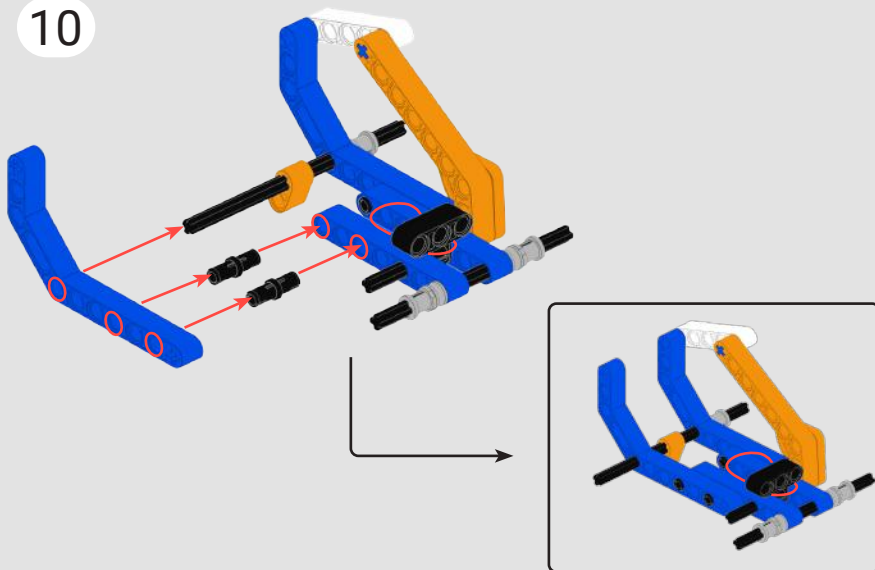
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8H Axle

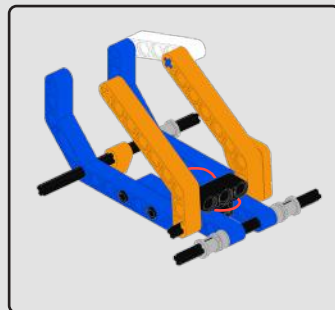
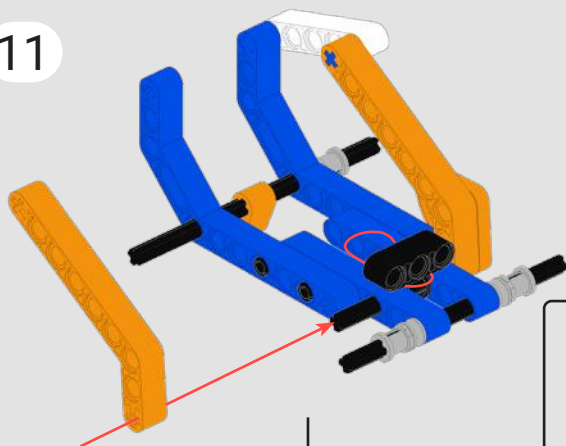
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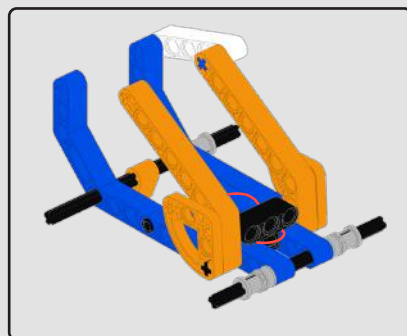
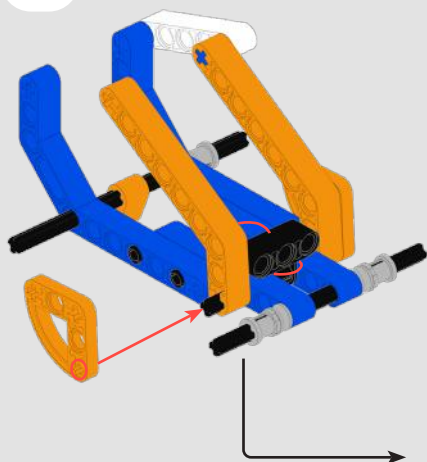
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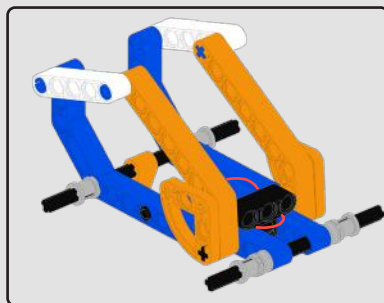
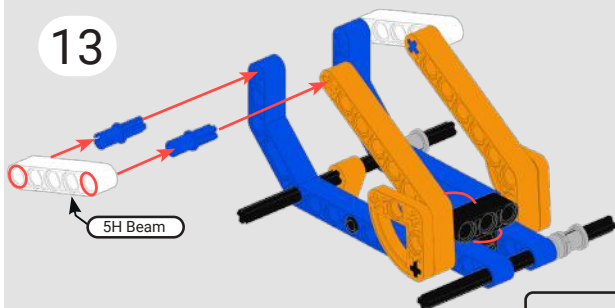
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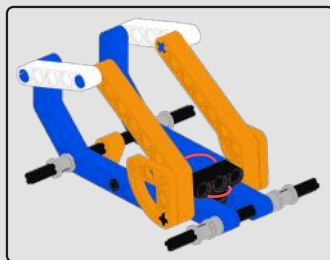
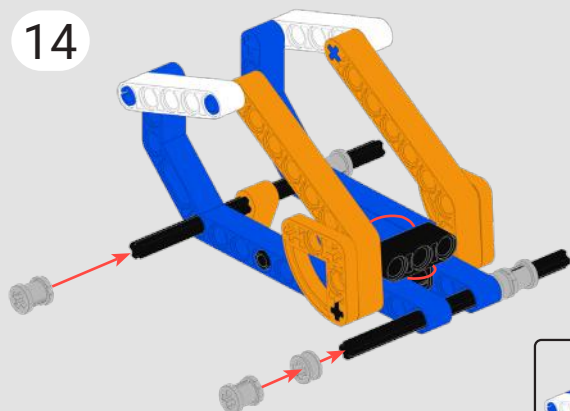
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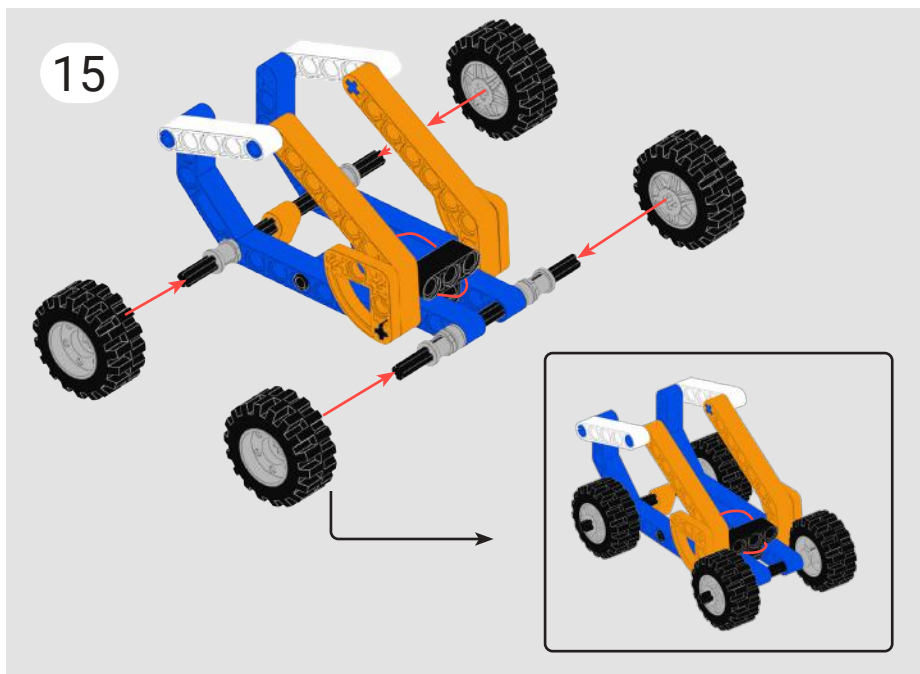


13



14

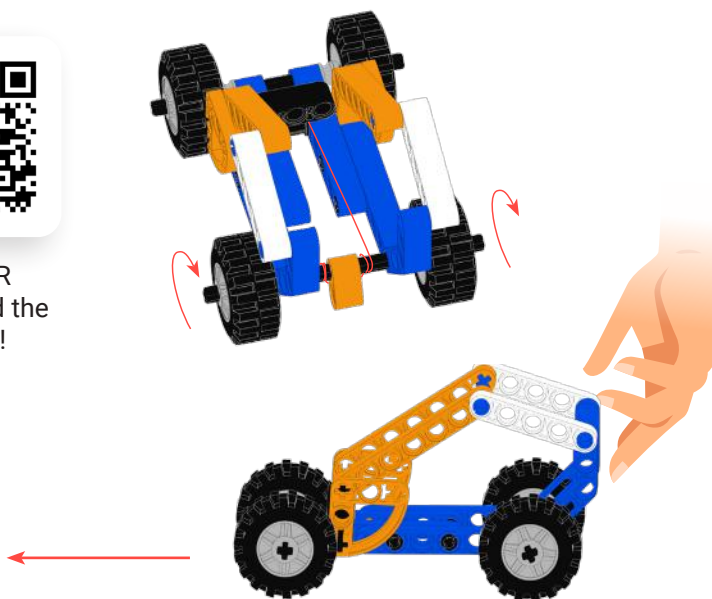




How to play

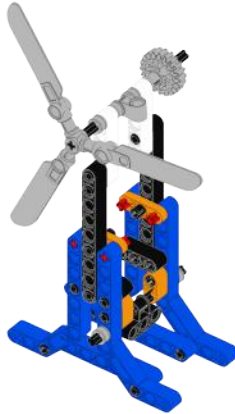


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and upload the
Project!



Project 4: MEX Windmil

Let's Build!



Things we need



9H Beam
x 2



5H Beam
x 2



3H Beam
x 2



2Cx10H
Double Bend
Beam
x 4



2Cx1H
Thin-Beam
x 2



1Cx1H Beam
x 2



2H Axle
x 4



8H Axle
x 1



10H Axle
x 1



Wing
x3



Triple Axle
connector
x1



Axle Filler-
Small
x 5



Medium
PinBlack
x 14



20T Double
Bevel gear
x 1



Axle Filler-Big
x 4



Axle Triple Pin
Perpendicular
Connector
x 1

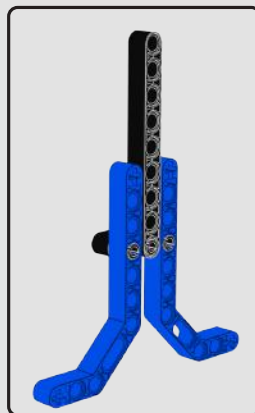
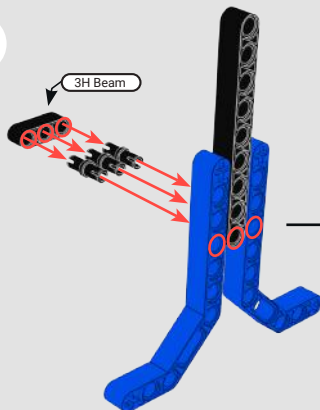


1Cx1H
Perpendicular
Connector
x 1

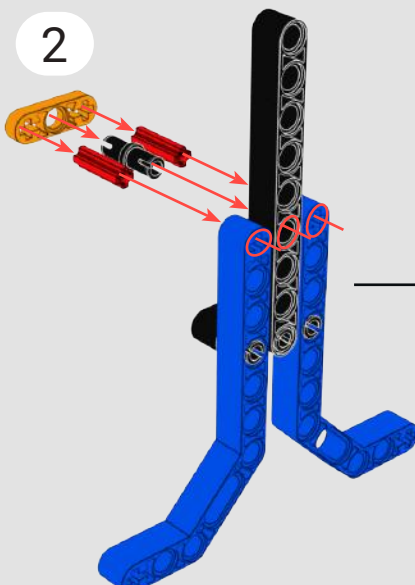


Rubber band
x 1

1

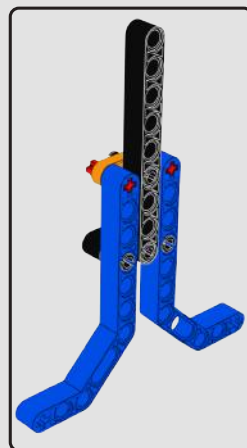


2

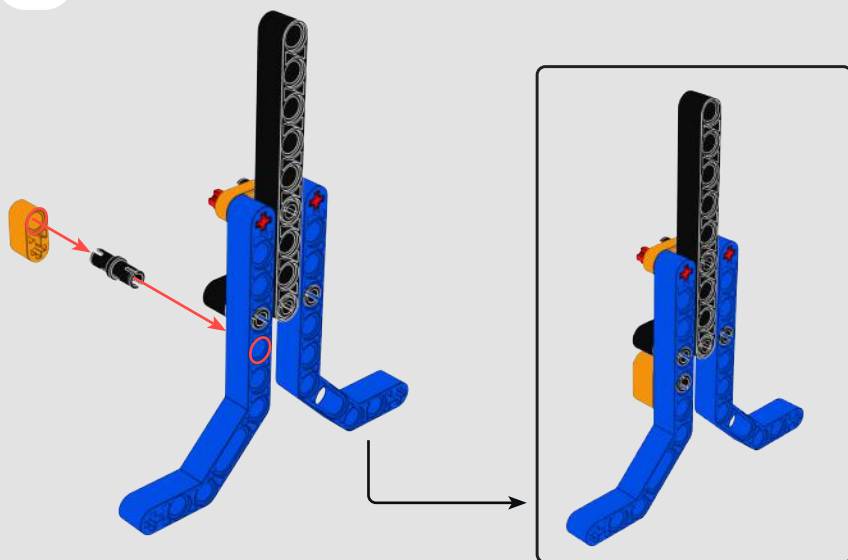


1:1

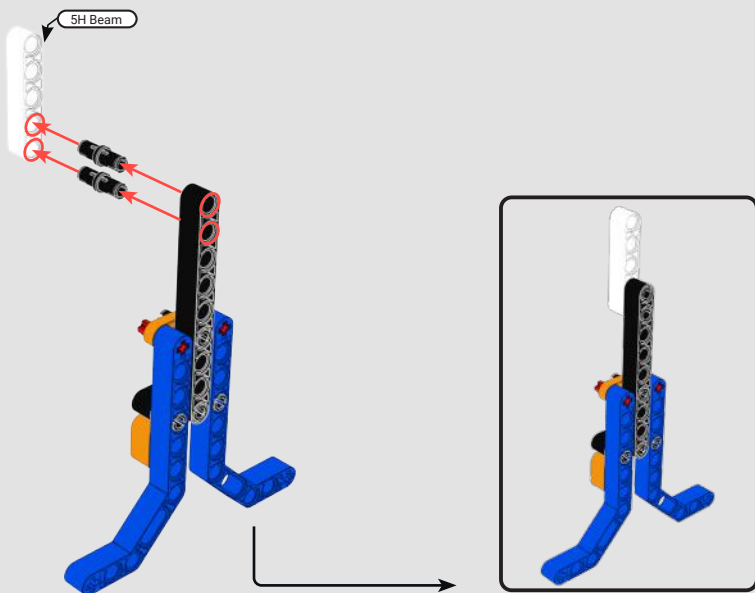
2H Axle



3

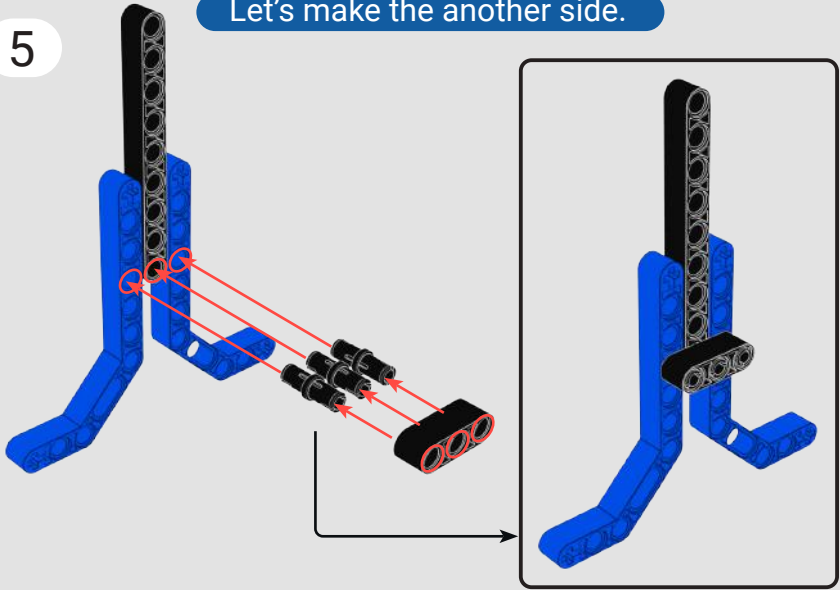


4



5

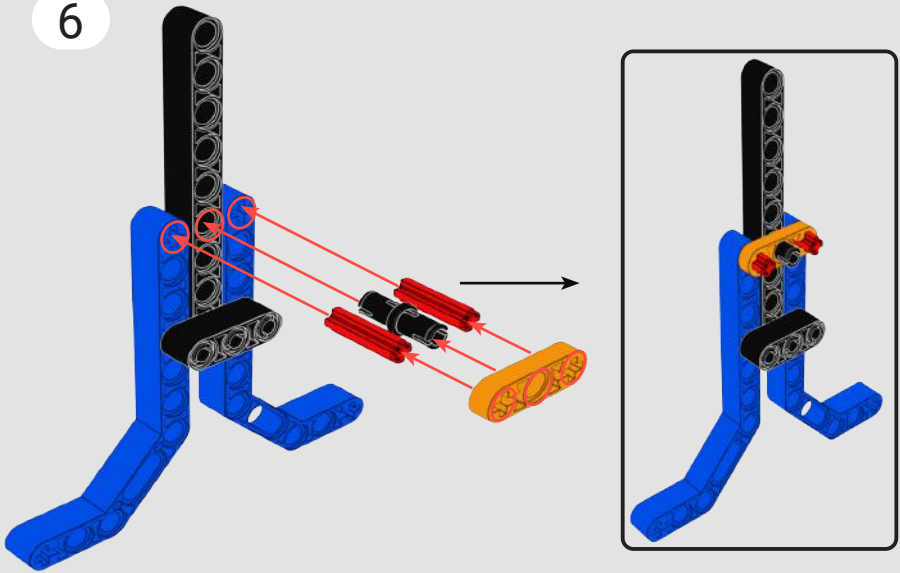
Let's make the another side.



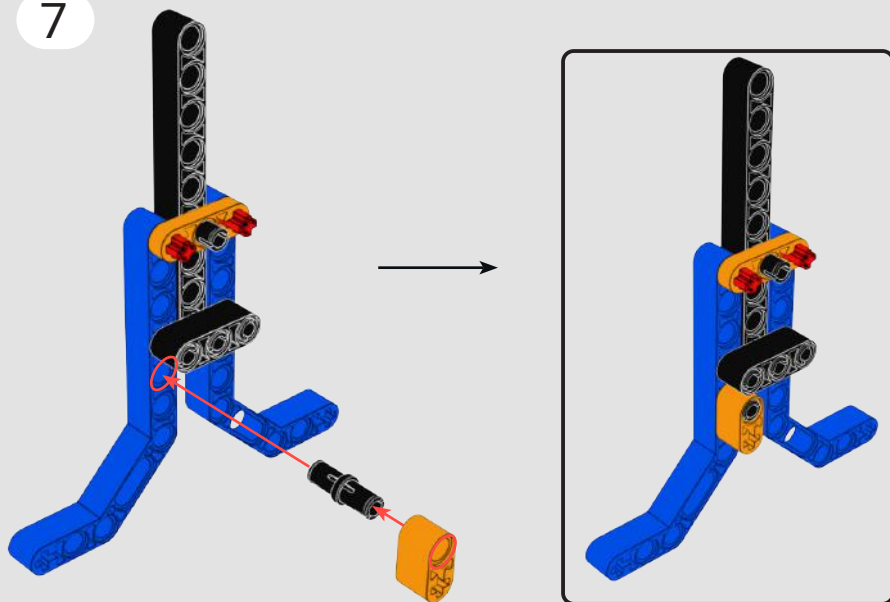
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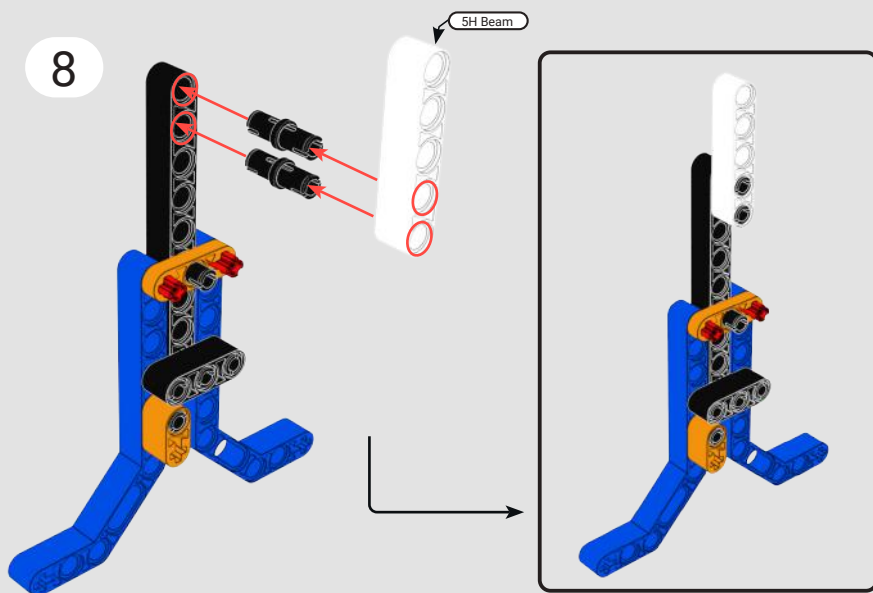
2H Axle



7



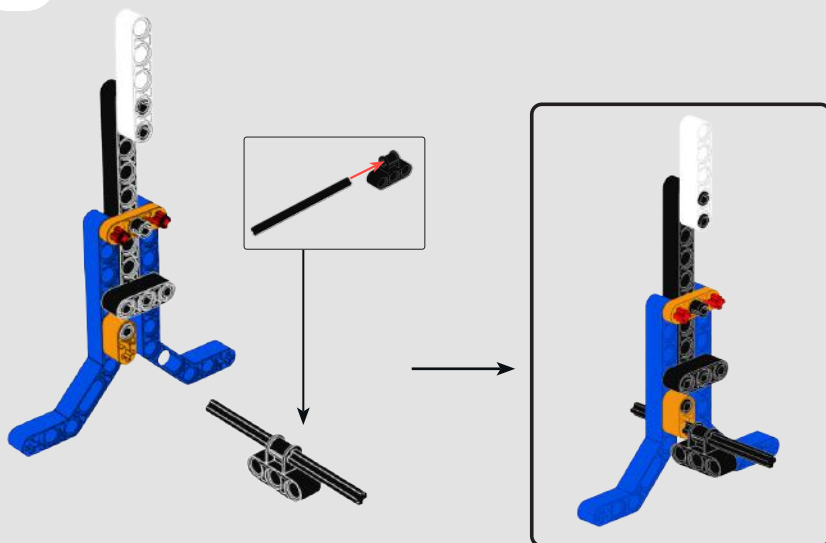
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9

1:1

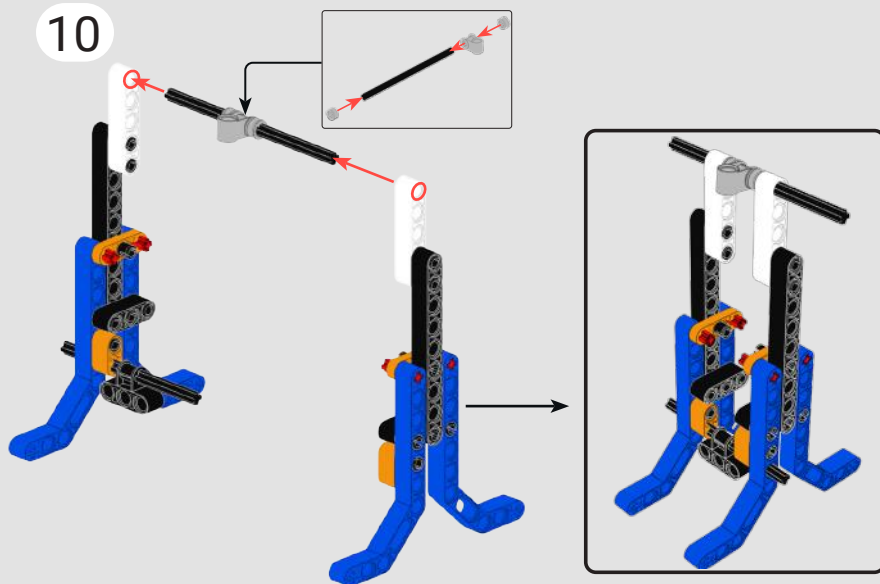
8H Axle



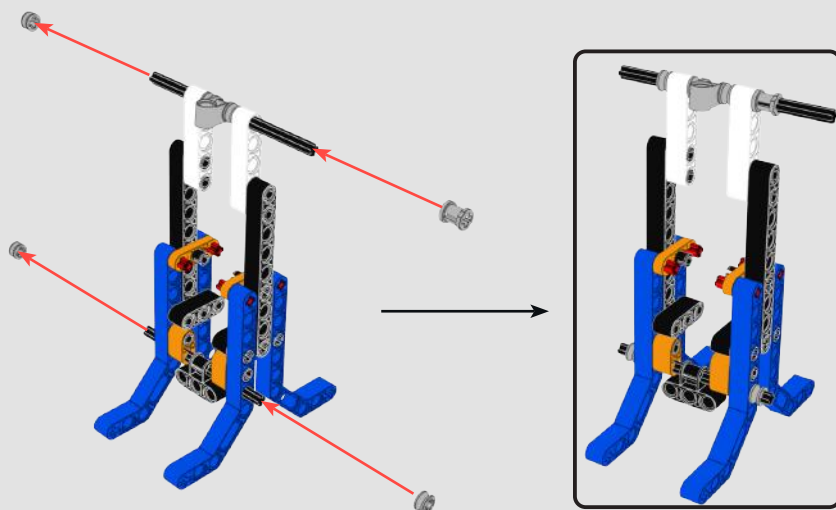
1:1

10H Axle

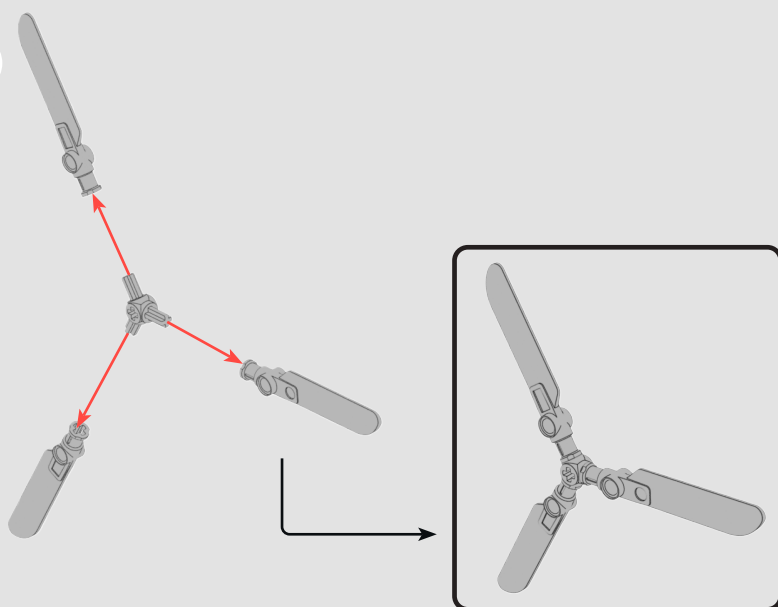
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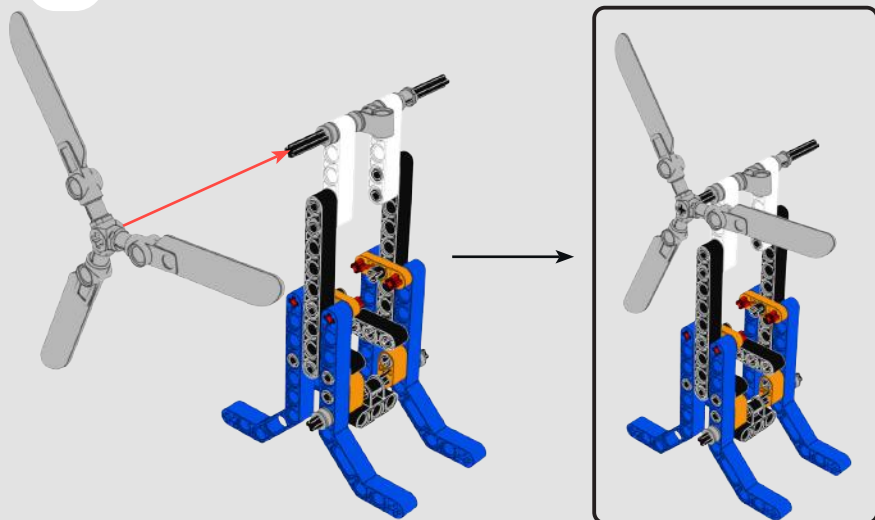
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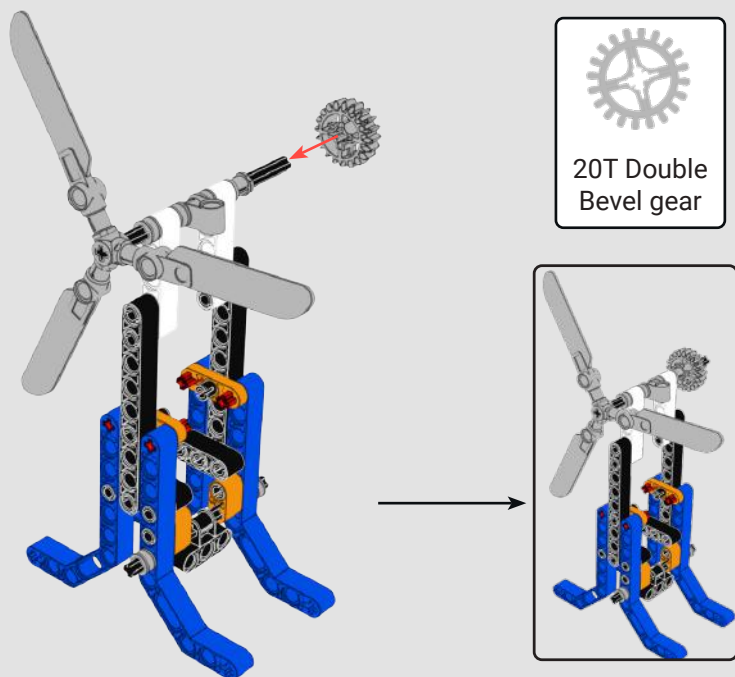
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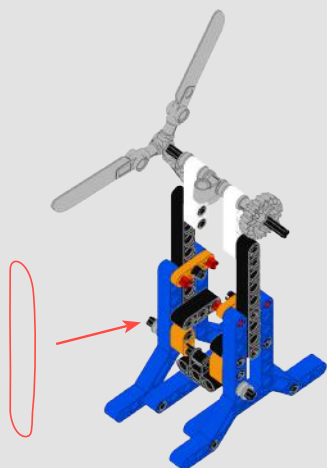
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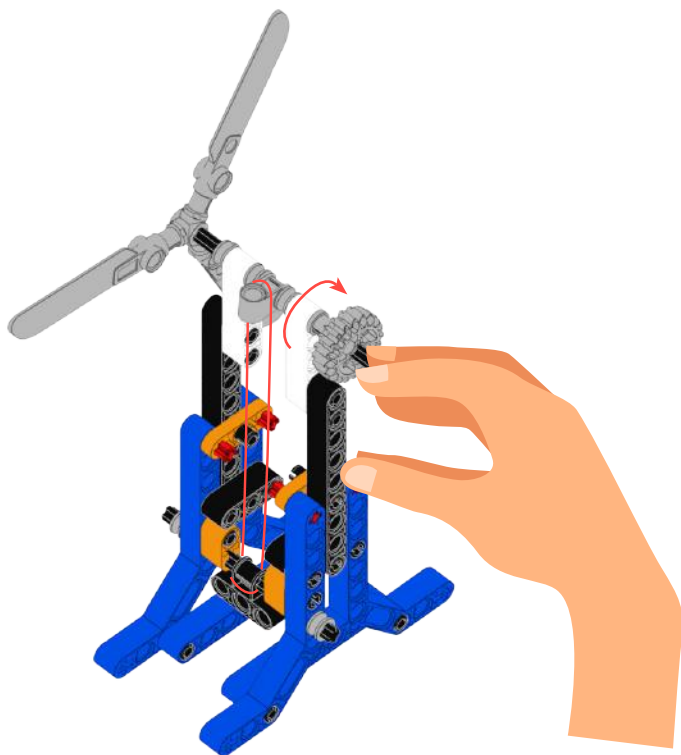
14



How to play

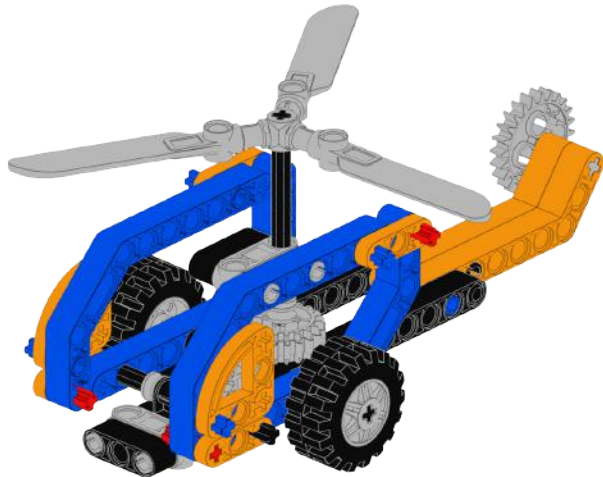


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Project 5 : MEX Copter

Let's Build!



Things we need



9H Beam
x 2



3H Beam
x 2



2Cx10H
Double Bend
Beam
x 4



2Cx7H Single
Bend Beam
x 2



3Cx2H Thin-D
x 2



2Cx1H
Thin-Beam
x 2



2H Axle
x 4



8H Axle
x 1



3H Axle
x 1



10H Axle
x 1



Medium
Pin-Black
x 5



Medium Axle
Pin-Blue
x 4



3Hx4Pin
Connector
x 2



Axle
Filler- Small
x 5



Axle Filler-Big
x 4



Wing
x3



Triple Axle
connector
x1



Axle Triple Pin
Perpendicular
Connector
x 1



20T Double
Bevel gear
x 2



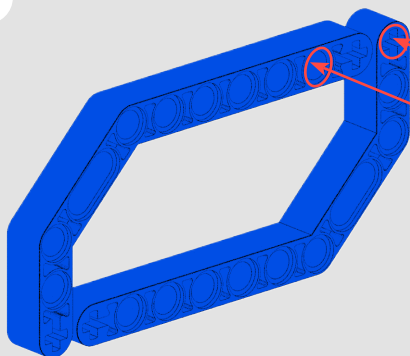
Spur Gear24T
x 1



Wheel
x 4

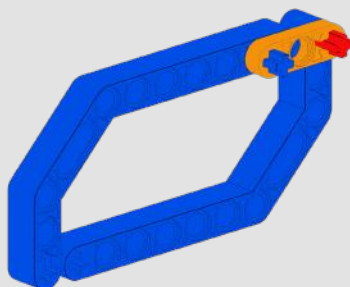
Steps

1



1:1 2H Axle

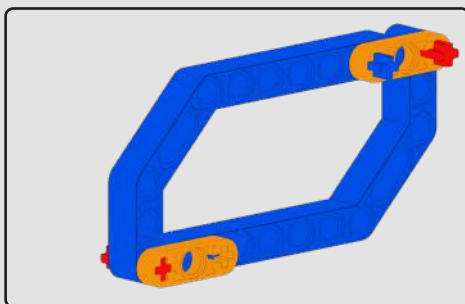
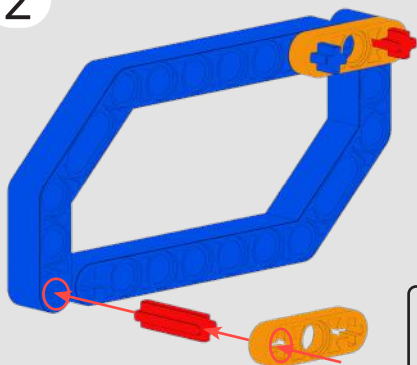
1:1 Medium Axle Pin Blue



2

1:1

2H Axle

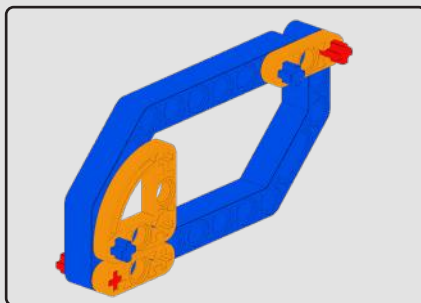
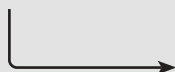
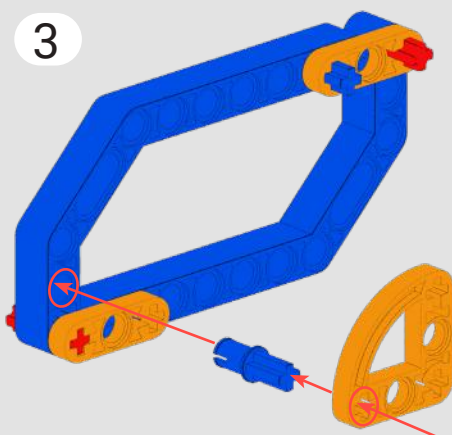


3

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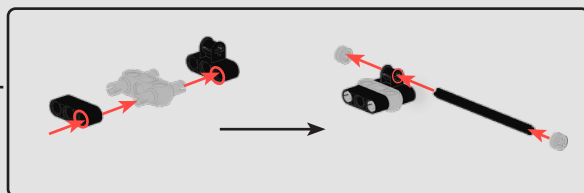
Medium Axle Pin Blue



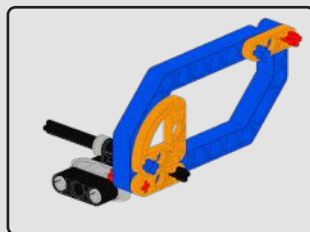
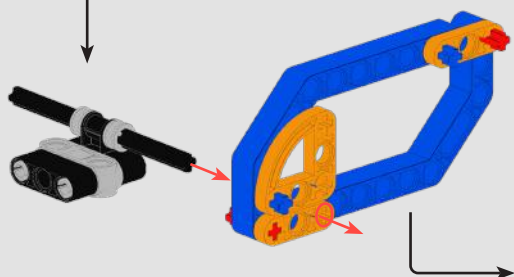
4

1:1

8H Axle

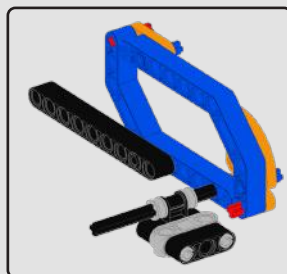
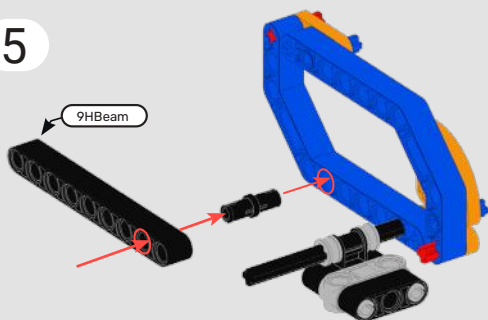


Axle Filler- Small



5

9H Beam



Build Tip



Black Medium Pins can be a little tough to insert!
But don't worry. Push it through and make sure the joint is firm. They can take a little force. :)

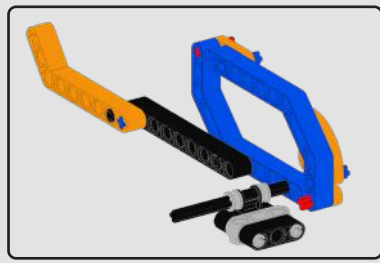
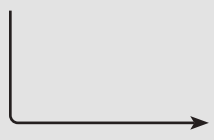
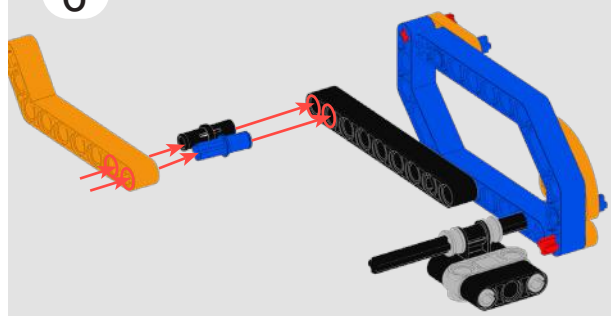


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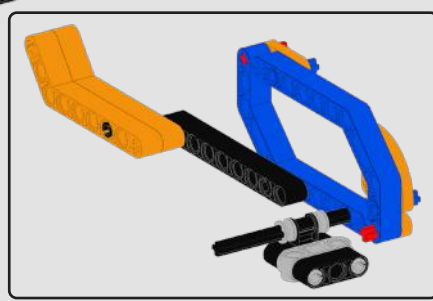
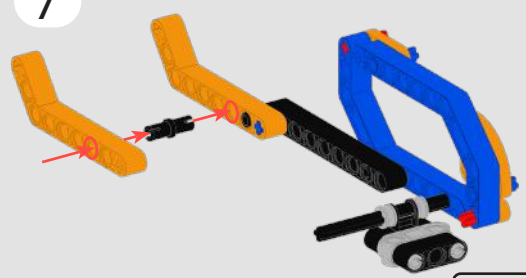
1:1



Medium Axle Pin Blue



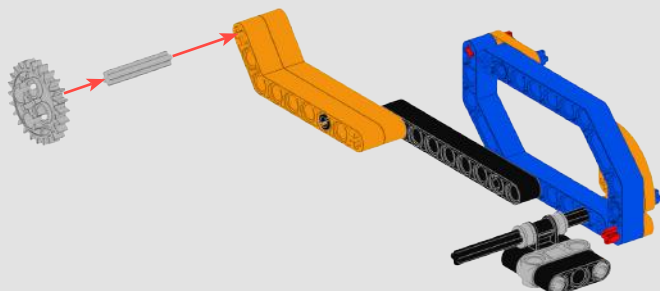
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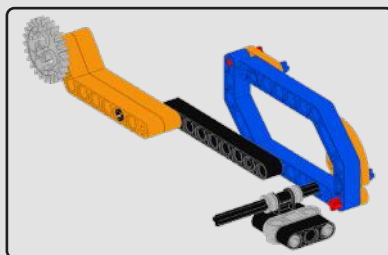
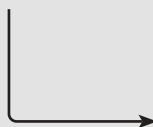
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1:1

3H Axle



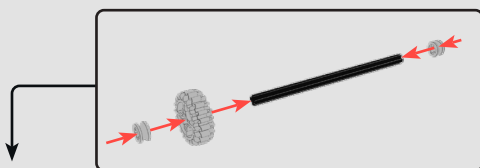
Spur Gear-24T



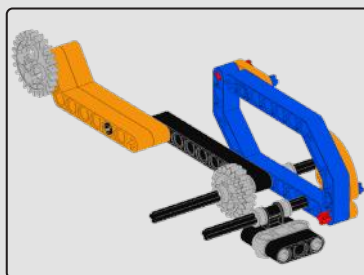
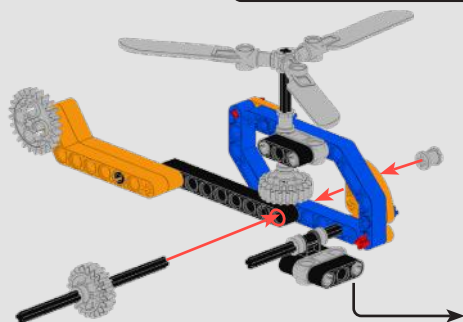
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1:1

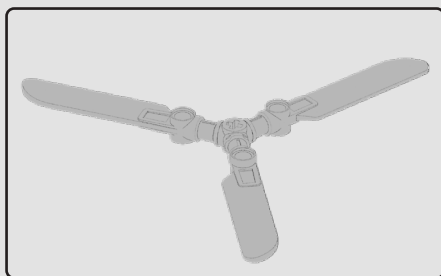
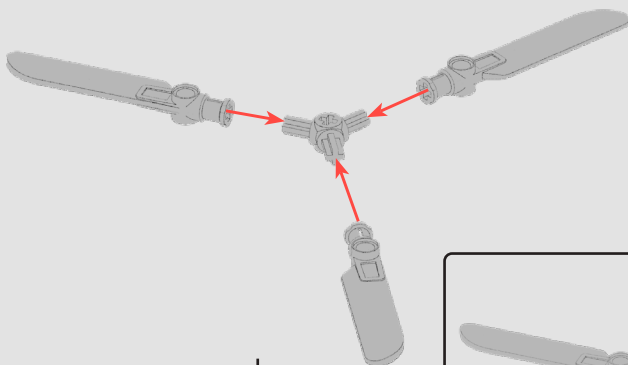
10H Axle



20T Double Bevel
gear



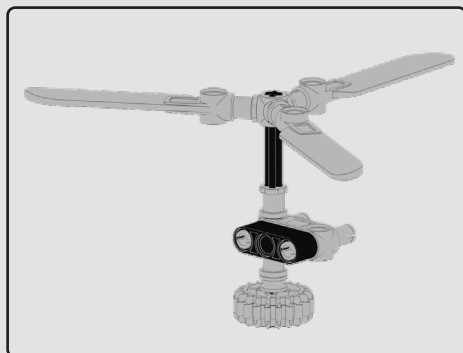
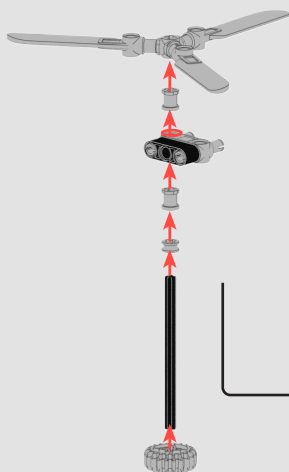
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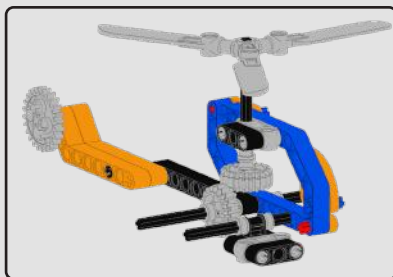
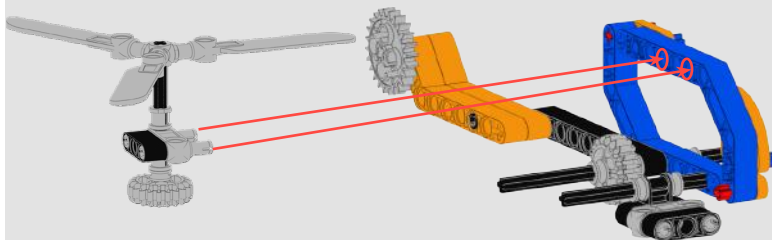
11

1:1

8H Axle

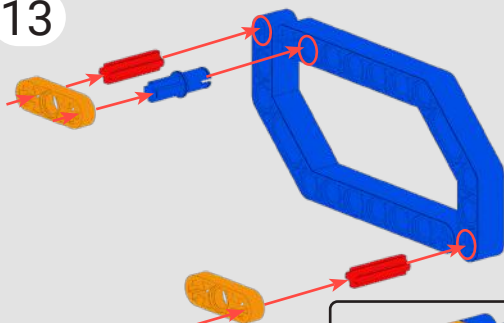


12



Let's make the other side.

13



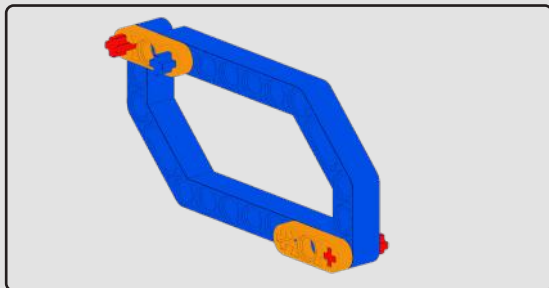
1:1

2H Axle

1:1



Medium Axle Pin Blue

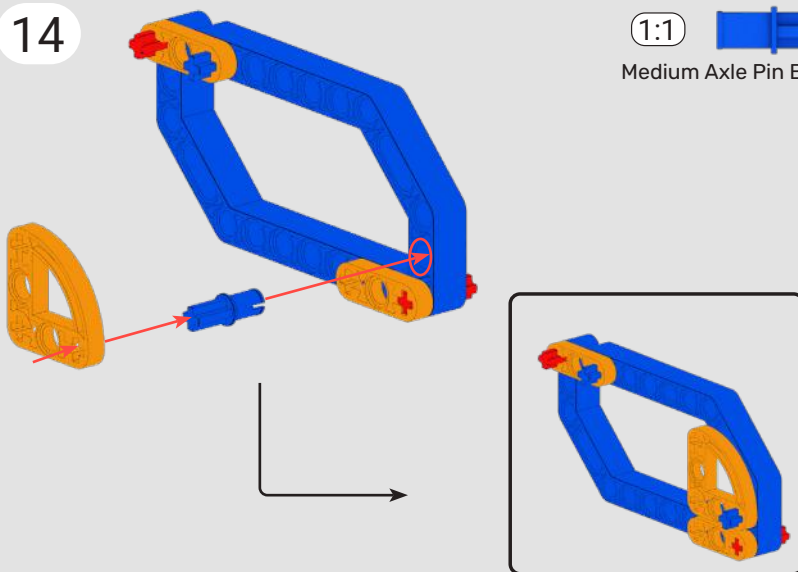


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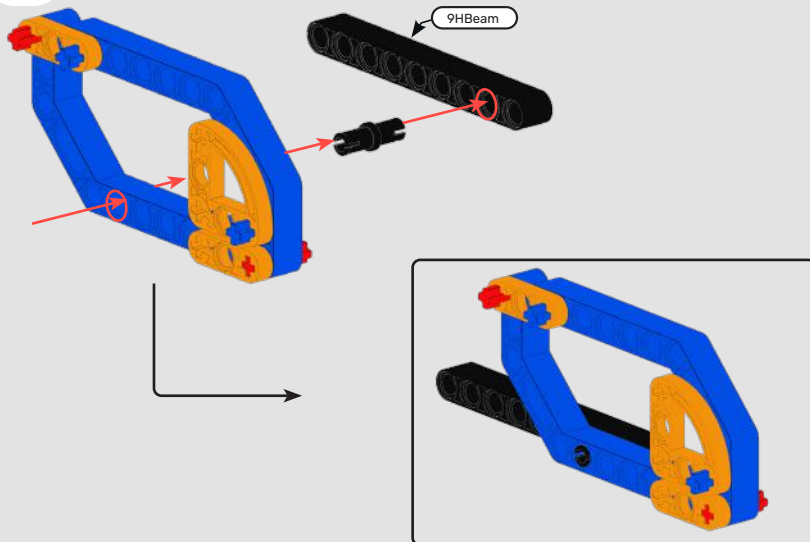


Medium Axle Pin Blue

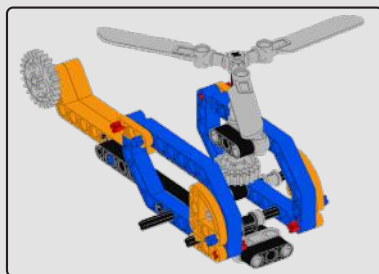
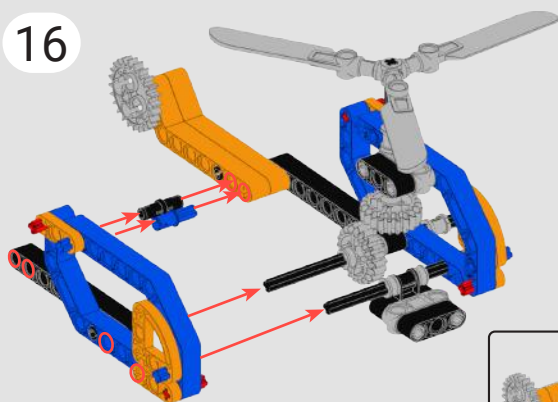


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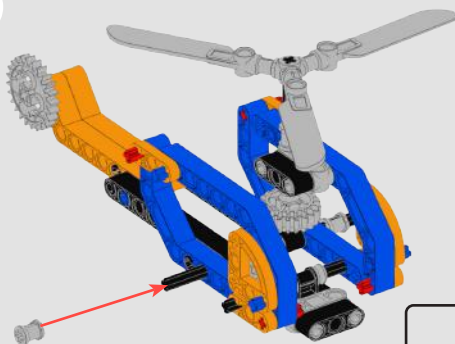
9HBeam

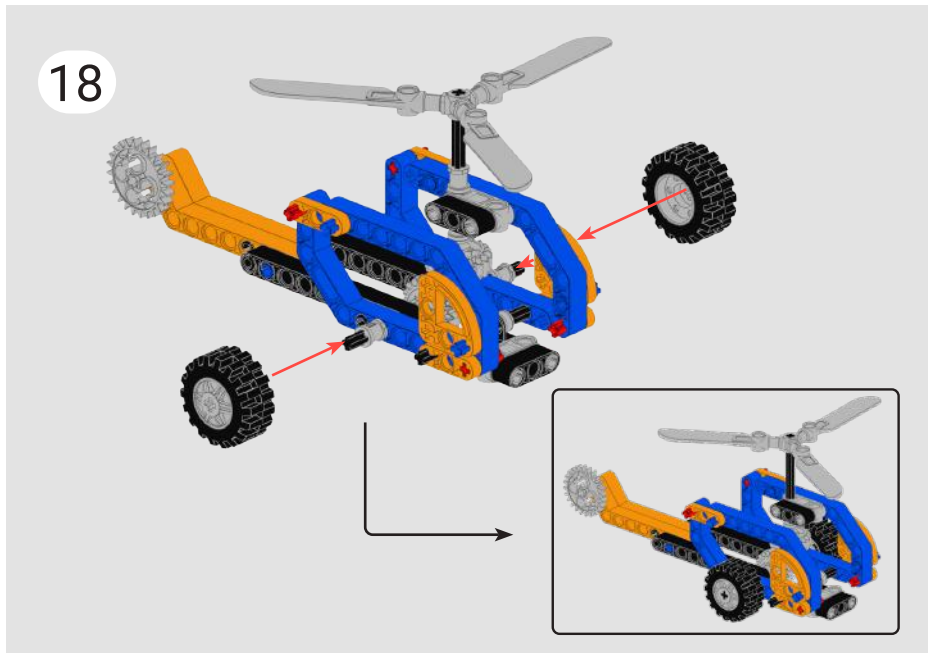


16



17

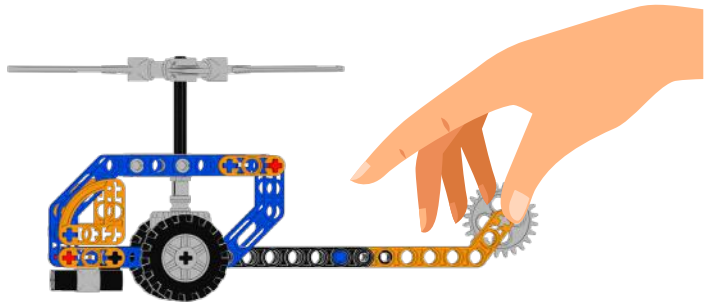




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Komplet za istraživanje

Korisnički

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RJEŠENJE
PROBLEM



MEHANIČKI
IZVRŠENJE



TVOJ RAV



ROBOTI





"Ne sanjam o
Sretno, radim na
na tome!"

Sadržaj

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Iskoristite svoj komplet maksimalno

Inovacije



Položite zakletvu inovatora

Položite zakletvu inovatora sponenutu na stranici 5 i shvatite što ona znači biti inovator.



Naučite koristiti Build, Code i Manual/Videos kontrolirati

Slijedite detaljne upute u priručniku kako biste naučili kako izgraditi uzbudljive robote pomoću svog kompleta.



Svortite inovativne projekte s svoje setove i upravljajte robotima pomoću Aviskaar Remote i korištenje koda Studio za izradu Avishkaar.

Udio



Pridružite se Idemo Aviskaar

Pridružite se našoj Facebook zajednici - povežite se s inovatorima i primajte najnovije informacije o webinarima.



Prenesi projekte

Prenesite projekte na www.avishkaar.cc i podijelite ih s inovatorima diljem svijeta.



Međunarodni natjecanja

Sudjelujte u tjednim, mjesečnim i godišnjim natjecanjima i steknite slavu diljem svijeta.



Zakletva inovatora

Položite zakletvu inovatora u nastavku kako biste se obvezali na cjeloživotnu predanost inovacijama i rješavanju problema. Podijelite fotografiju na Facebook zajednici Let's Avishkaar.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

Your Signature



Istražiti
moj set

Dobrodošli u Aviskaar

Preuzmite aplikaciju Aviskaar

Preuzmite aplikaciju Avishkaar skeniranjem QR kodova u nastavku:



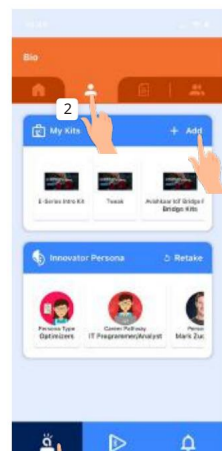
1 Izradi račun

Otvorite aplikaciju i slijedite upute na zaslону za izradu računa.



2 Registrirajte svoj komplet

Idite na odjeljak 'Profil' u aplikaciji i kliknite '+ Dodaj još' pod 'Moji setovi' kako biste registrirali svoj set. Ovaj korak je važan za kasnije upravljanje robotom.



Product Registration
Sticker

Provjera oklopa

Okvir 1 (Dijelovi zgrade)

Greda



9 sati
Greda
x2



7 sati
Greda
x2



5 sati
Greda
x4



3H
Greda
x2

„Napomena: "H"
znači rupe.
Npr. greda 15H
znači greda s 15 rupa.



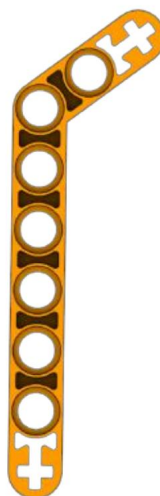
2Cx1H
Tanka greda
x4



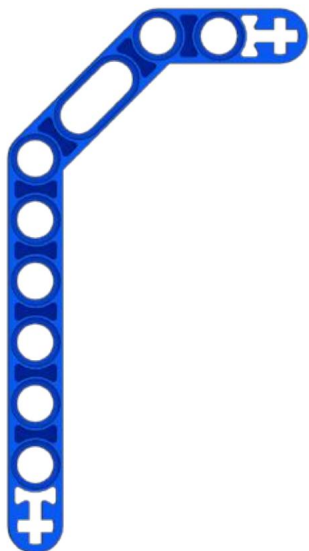
1Cx1H
Greda
x2



3Cx2H
Thin-D
x2



2C x 7H
Jednostavni zavo
x2



2Cx10H Dvostruko
savijena
greda x
4

PUNILA



Punilo za osovine -
veliko x 4



Punilo za osovine - malo
x6

Veslo



Lopata x 3

Prijenos



Lančaničnik-24T x 2



20T dvostruki
konusni
zupčaničnik
x 2

Kotač



Mali bicikl
x4

IGLE



Duga plava igla x 2



Srednje crne pin-size x15



Središnji osovinski klin -
plavi x 6

KONEKTORI



3Hx4 pinski konektor x 2



Trostruki osni
konektor x
1



Tropinski konektor
osovine x 2



1C x 1H Pravokutni
konektor x
1

Gumena traka



Gumica x 3

Otvor

13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.

Greda



NAPOMENA: Osovine su 1 :1 s otiskom utore () u priručniku

Pravni lijek



9ati

(1)



9ati

(1)



8ati

(2)



6ati

(1)



4ata

(2)



3H

(1)



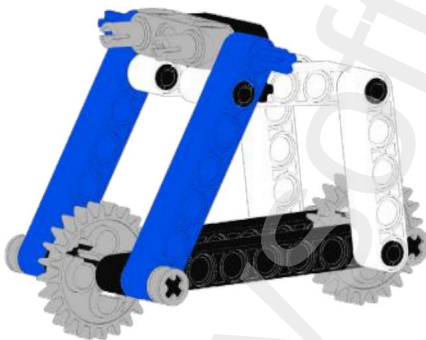
2ata

(4)

5ati

Projekt 1: MEX brdski bicikl (MTB)

Gradimo!



Stvari koje su nam potrebne



9 sati
Greda x
2



5 sati
Greda x
4



3H
Greda x
1



4 sata
Lijek x 2



6 sati
Lijek x 1



Srednja
igla - crna x
4



Središnji
osovinski klin - plavi
x 2



3Hx4Pin
Konektor
1x



Frontalni
zupčanik
24T
x 2

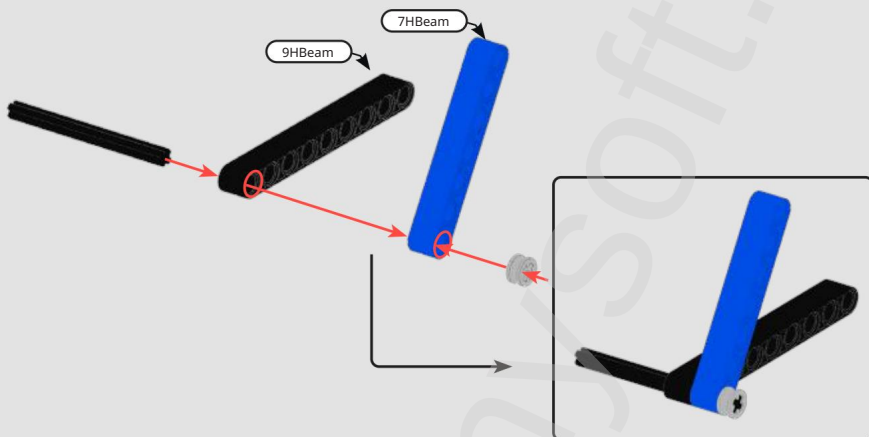


Punilo
za osovine
- malo
x 5

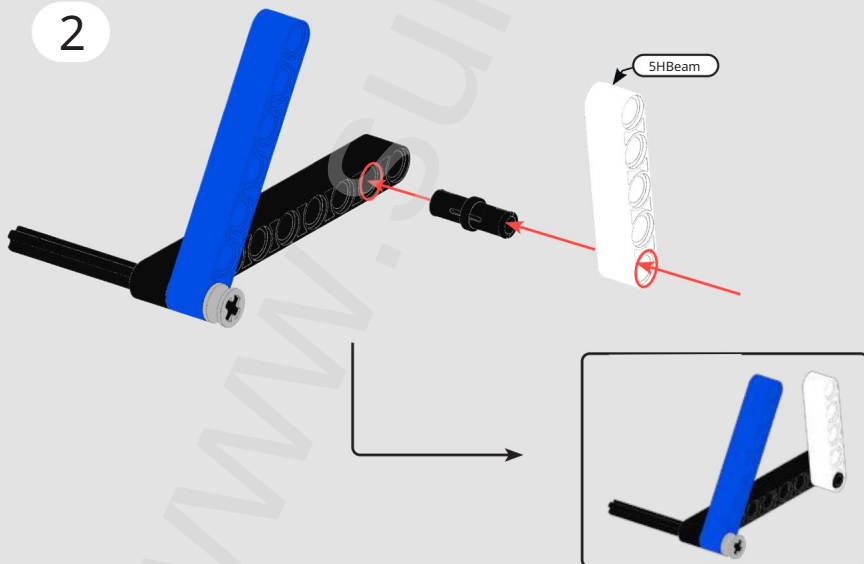
1:1

6H Iijek

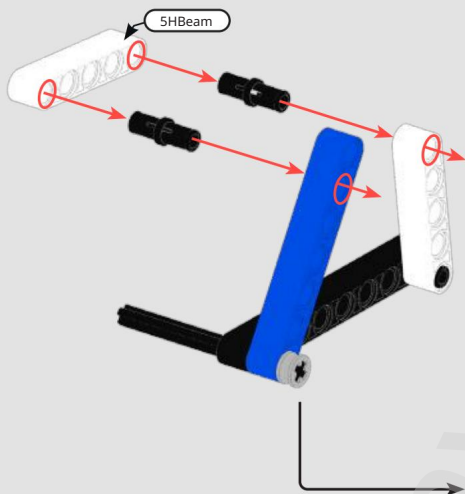
1



2



3

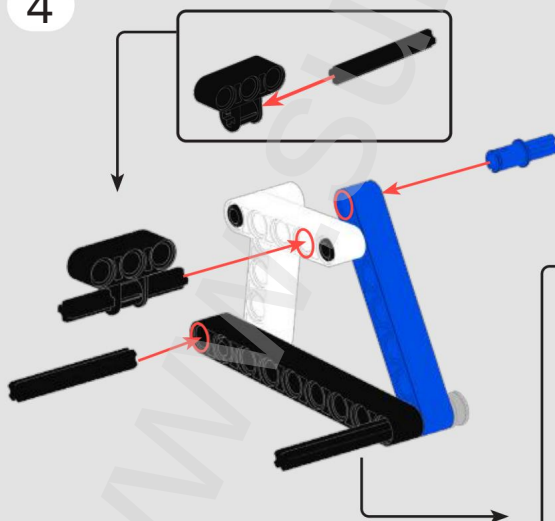


1:1

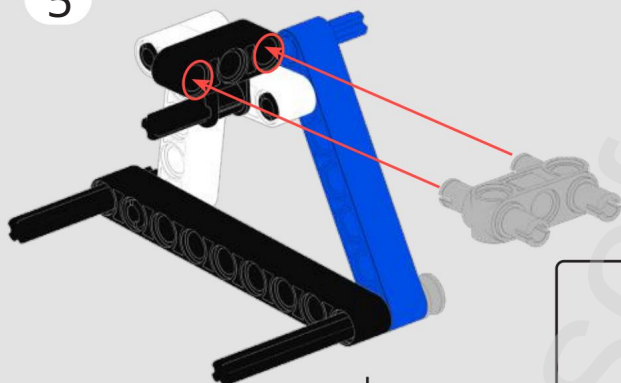


4H lijek

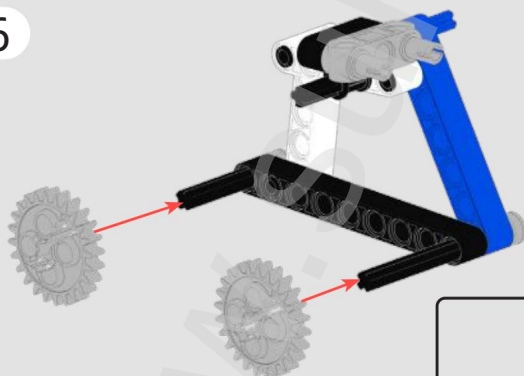
4



5

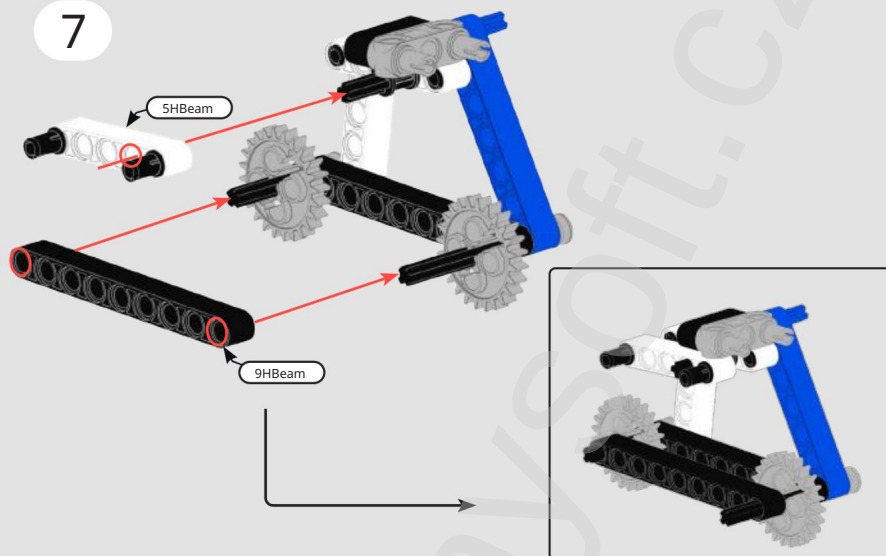


6

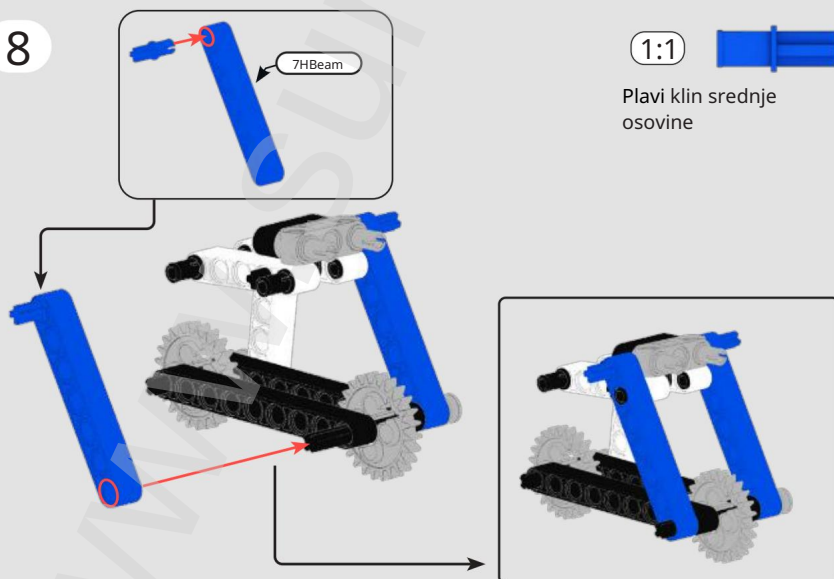


Lančanič --24T

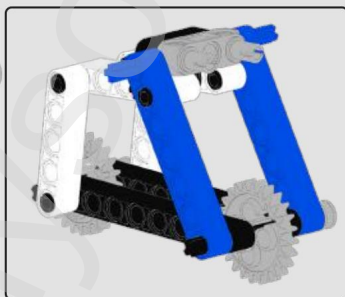
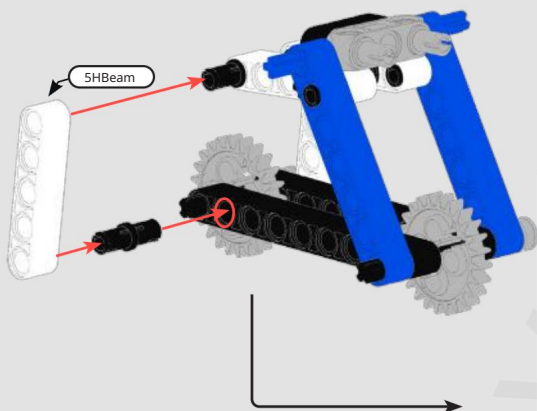
7



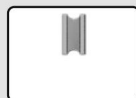
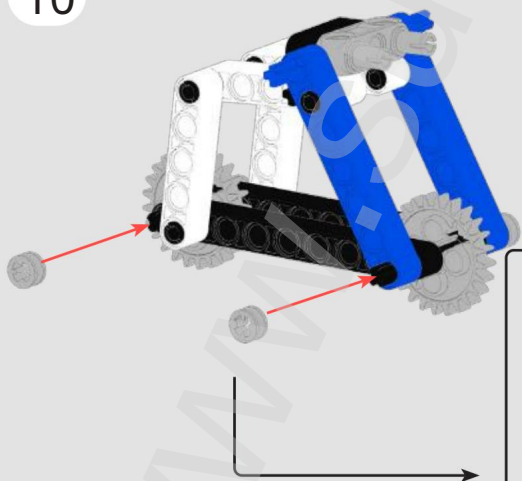
8



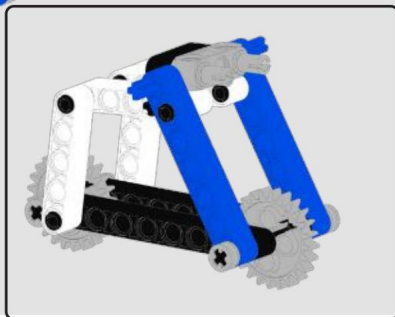
9



10



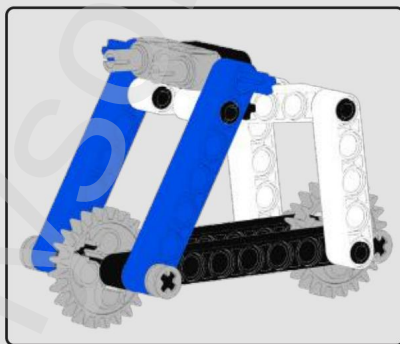
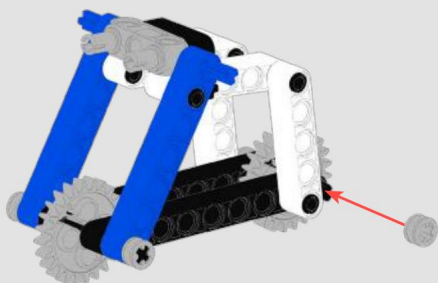
Punilo za osovine - malo



11



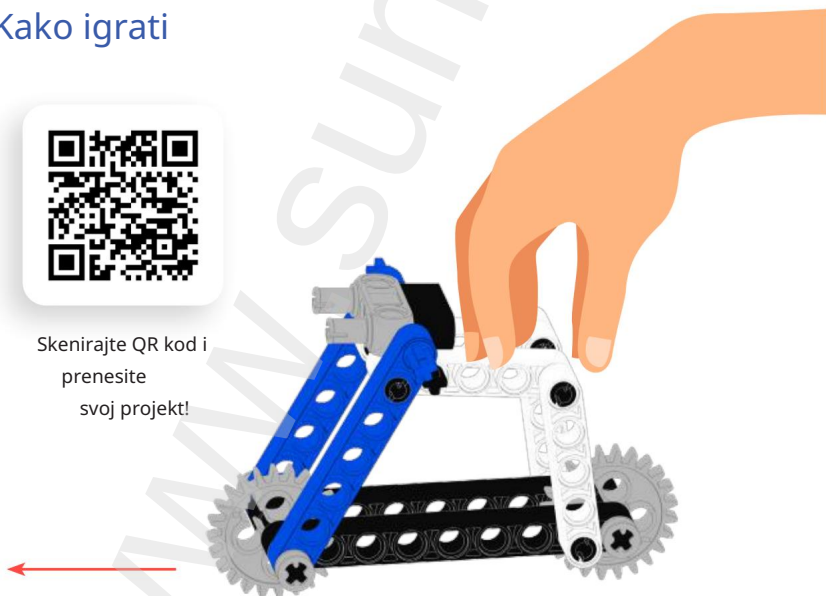
Punilo za osovine - malo



Kako igrati

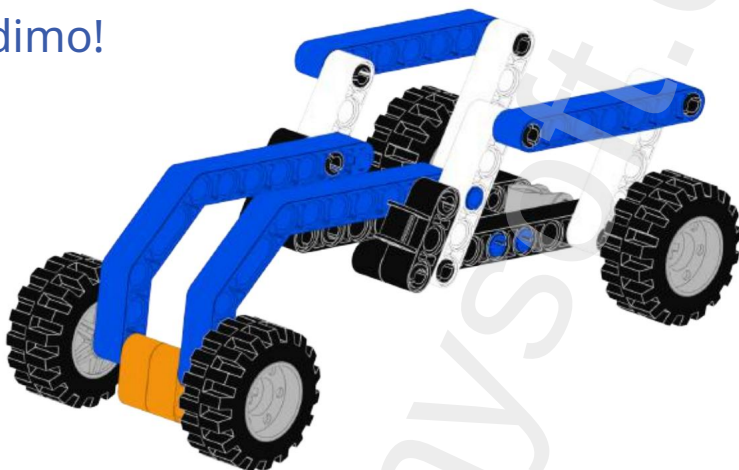


Skenirajte QR kod i
prenesite
svoj projekt!



Projekt 2: MEX retro automobil

Gradimo!



Stvari koje su nam potrebne



9 sati
Greda
x2



7 sati
Greda
x2



5 sati
Greda
x4



3H
Greda
x2



2Cx10H
Dvostruki zavoj
Greda
x 2



1Cx1H
Greda
x2



Prikvači medij
osovine-plave
x2



Srednja crna igla
13 puta



Dugo
plavo-smeđe
x2



3Hx4Pin
Konektor
x2



1Cx1H
Okomito
konektor
1x



Trostruki
igla osovinskog
konektora
1x



Osovina 6H x 1



Osovina 10H x 1



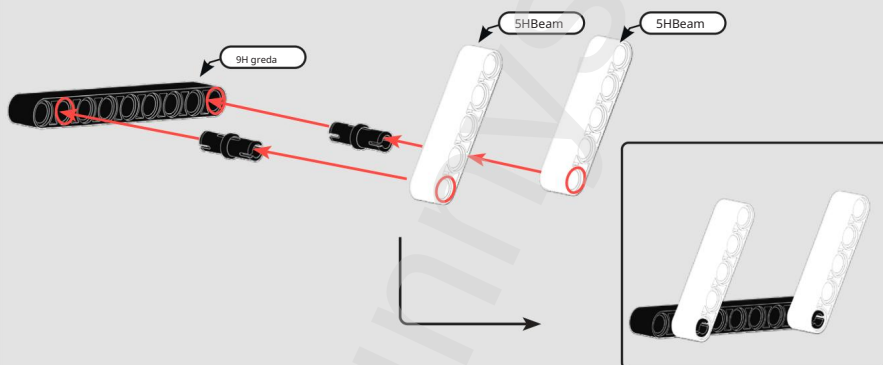
Kotač
x4



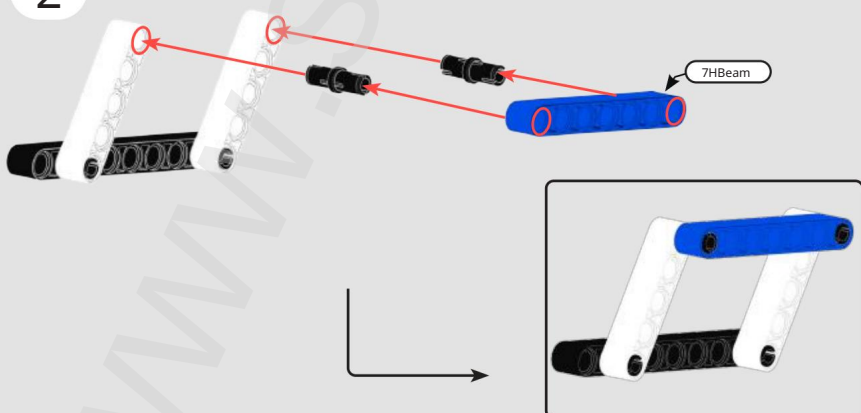
Gumena
traka x 1

Koraci

1



2

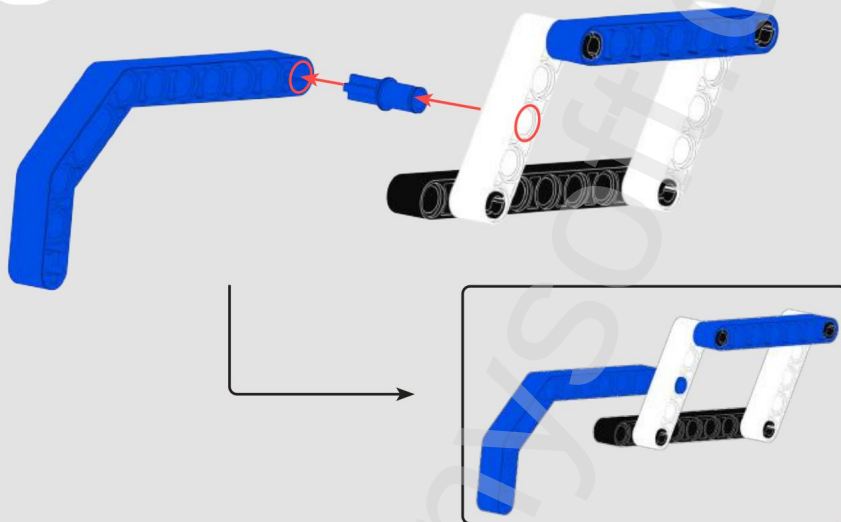


3

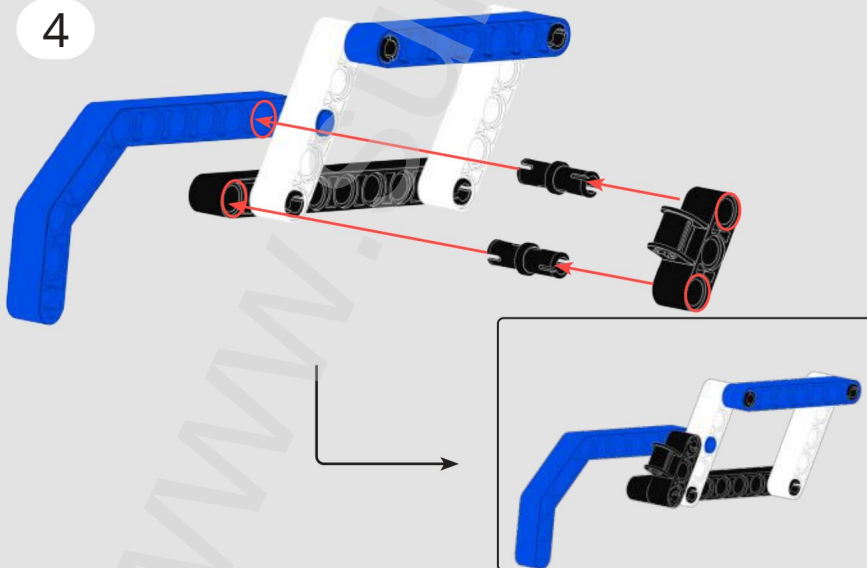
1:1



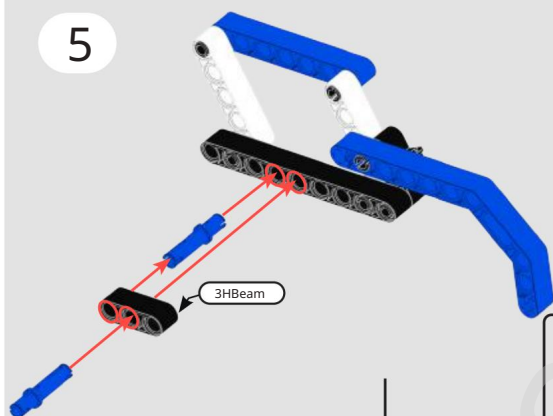
Plavi klin srednje osovine



4



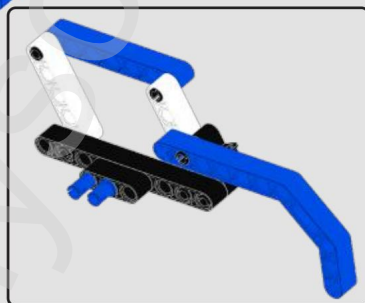
5



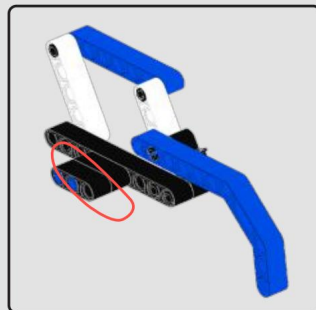
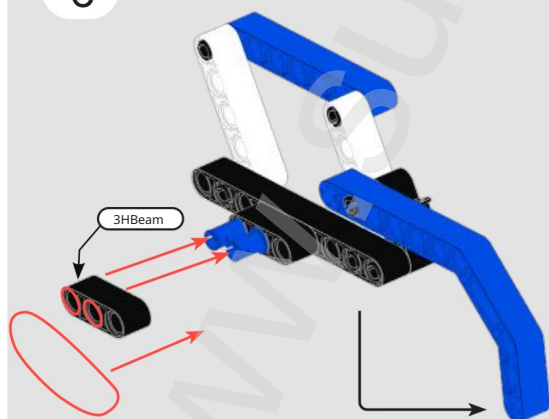
1:1



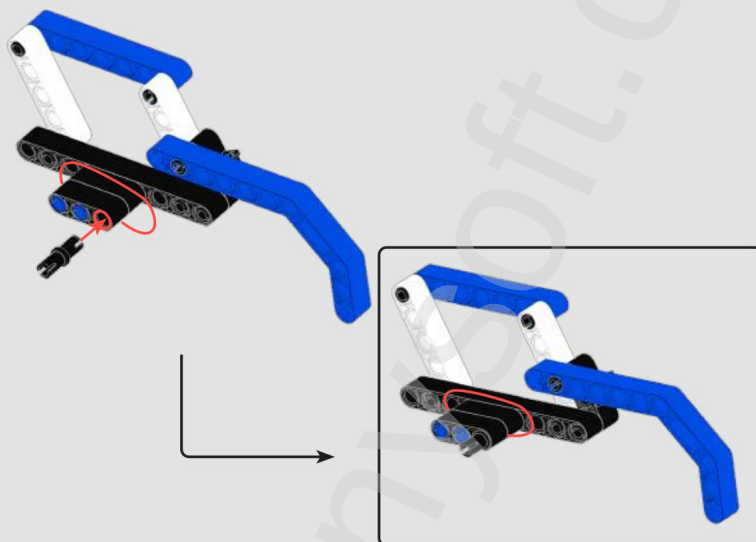
Duga plava igla



6

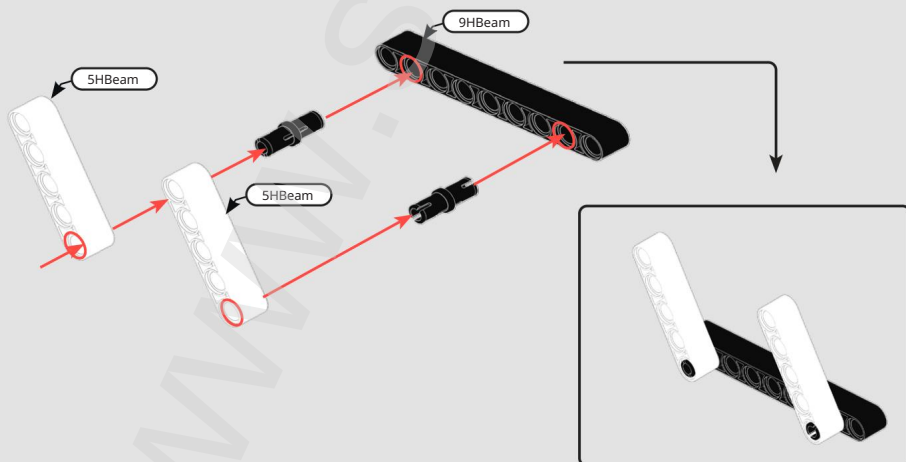


7

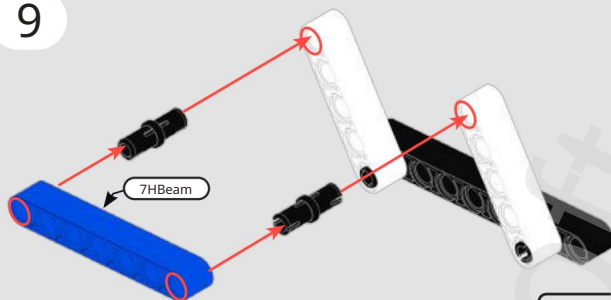


Npravimo drugu stranu.

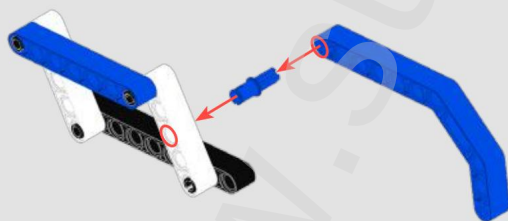
8



9



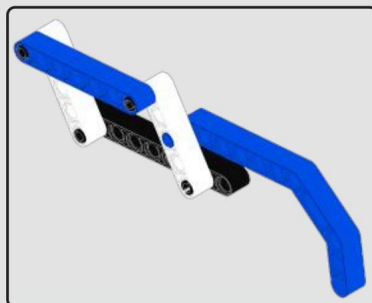
10



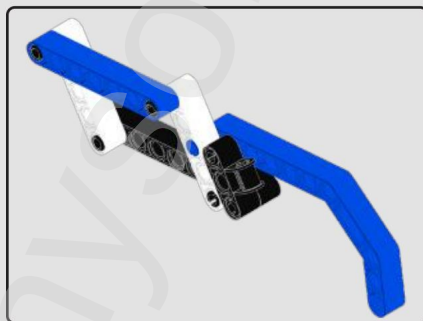
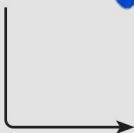
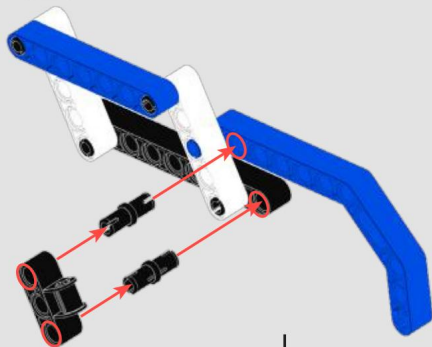
1:1



Plavi klin srednje
osovine



11

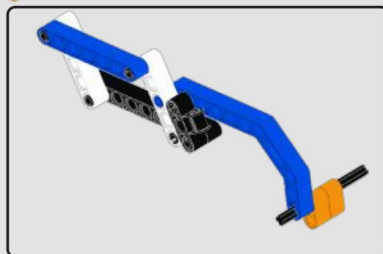
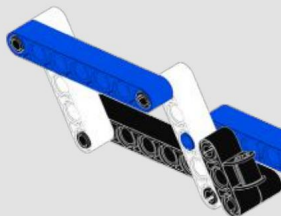


12

1:1



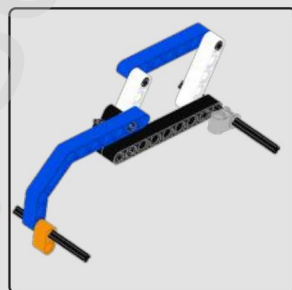
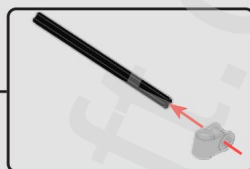
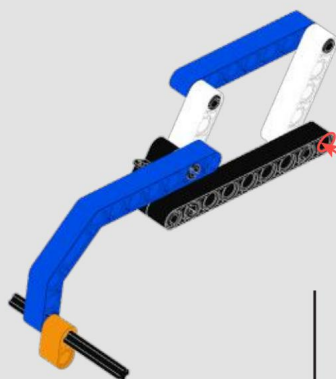
6H lijek



13

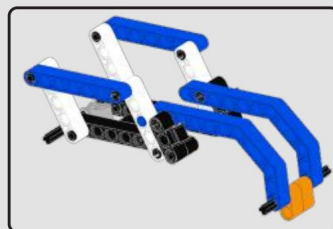
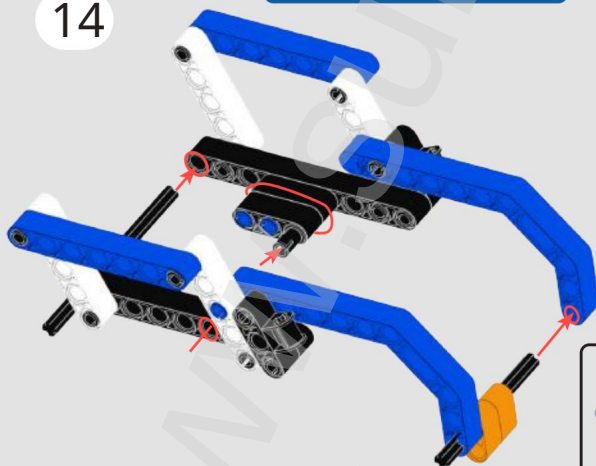
1:1

8H lijek

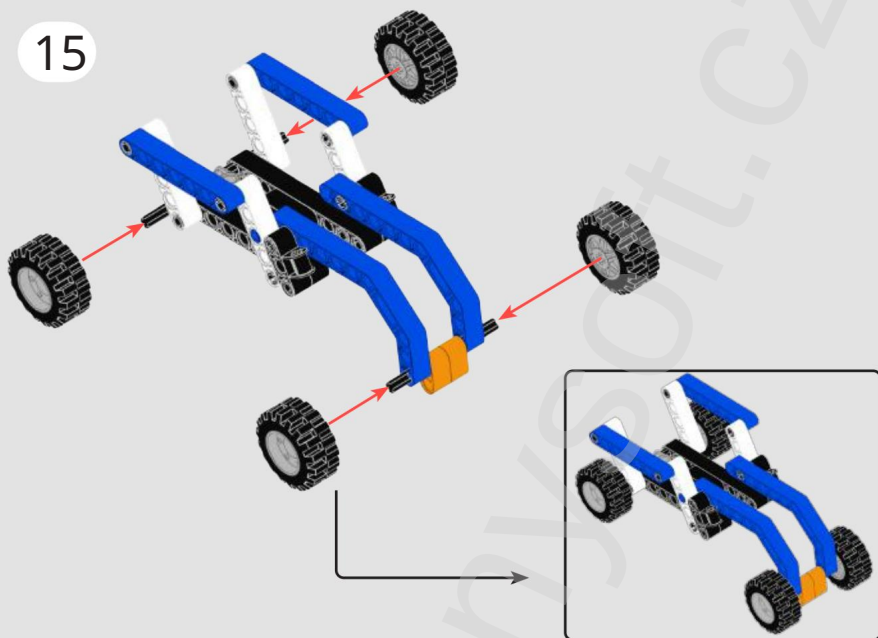


14

Preklopimo obje strane.



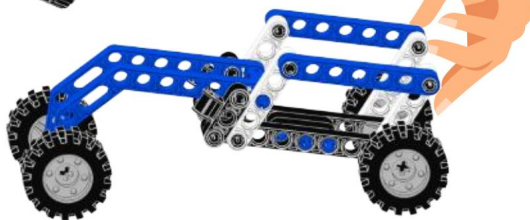
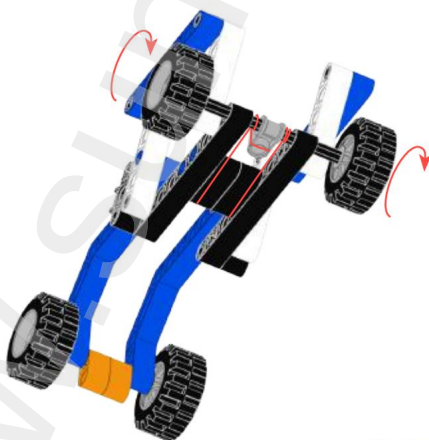
15



Kako igrati



Skenirajte QR kod i
prenesite
svoj projekt!



Projekt 3: MEX Buggy

Gradimo!



Stvari koje su nam potrebne



7H greda
x2



5 sati
Greda
x2



2Cx10H
Dvostruko
savijanje
greda
x2



2Cx7H
Jednostavan
savijanje
greda x 2



3Cx2H
Thin-D
x2



1Cx1H
Greda
x2



Srednji
osovinski
klin - plavi
x4



Srednji pin -
crni x 4



6 sati
Pravni lijek
1x



8H lijek
1x



10H lijek
1x



Punjenje
osovine -
velike
x4



Punjenje
osovine -
male x 2



Trostruki
okomito
konektor
osovine
1x

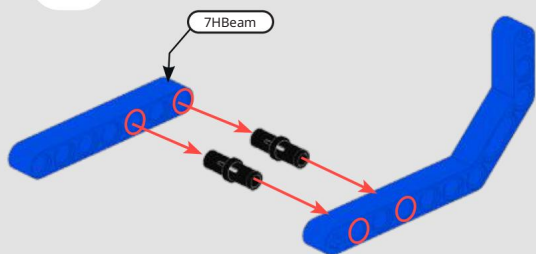


Kotač
x4



Gumena traka
1x

1

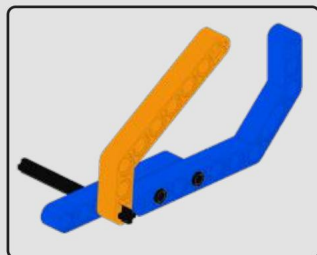
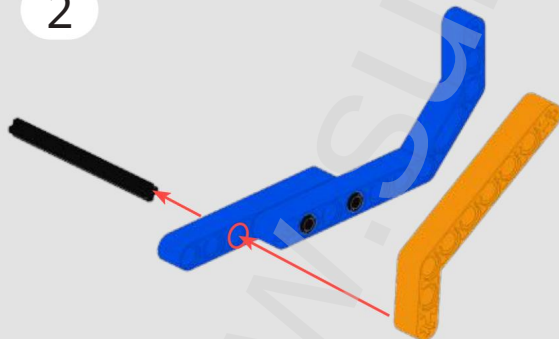


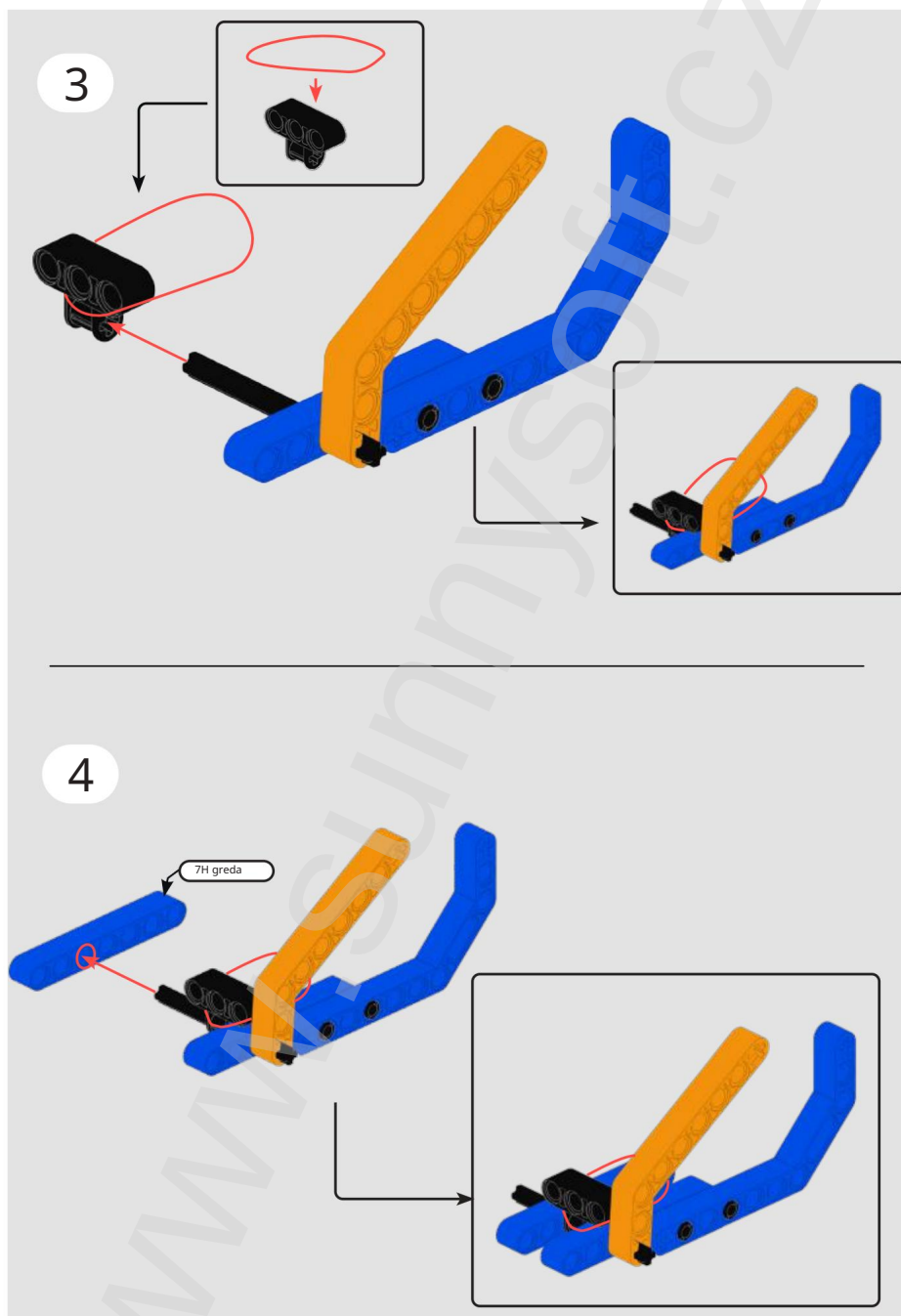
2

1:1



6H lijek

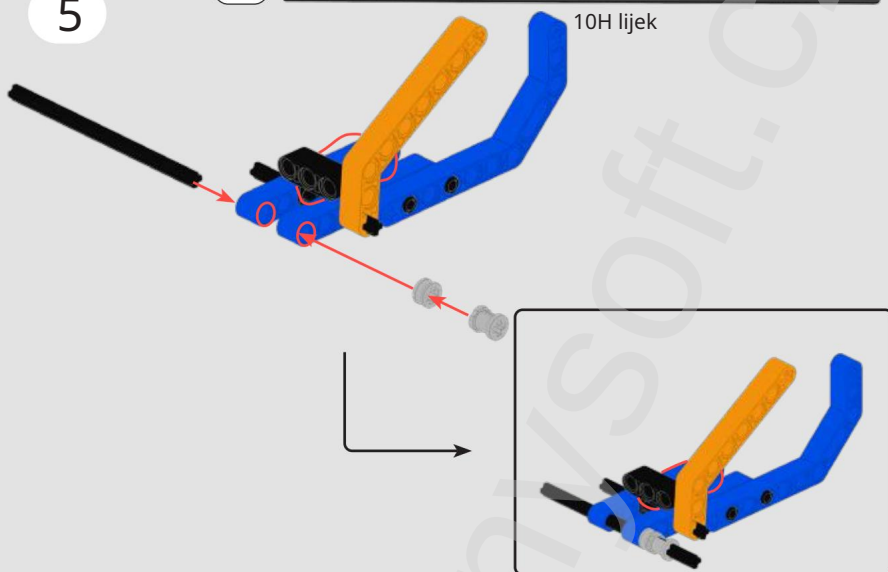




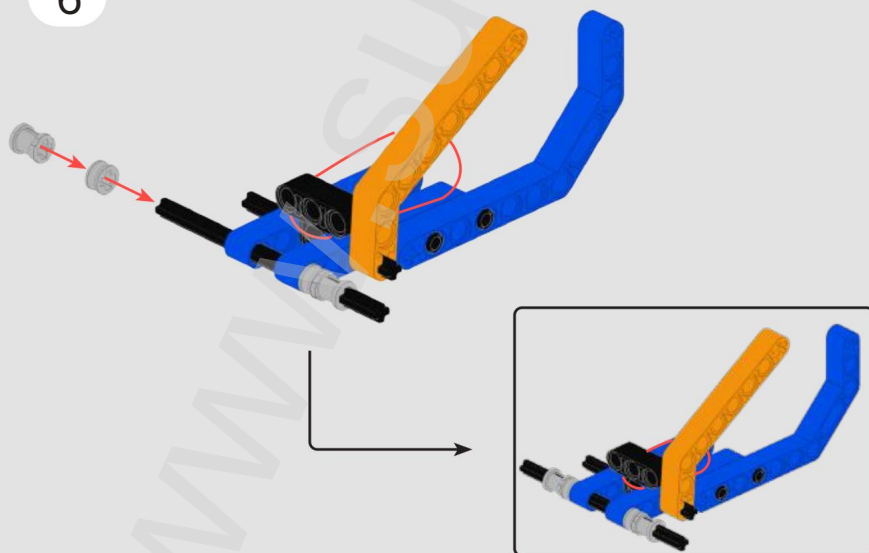
5

1:1

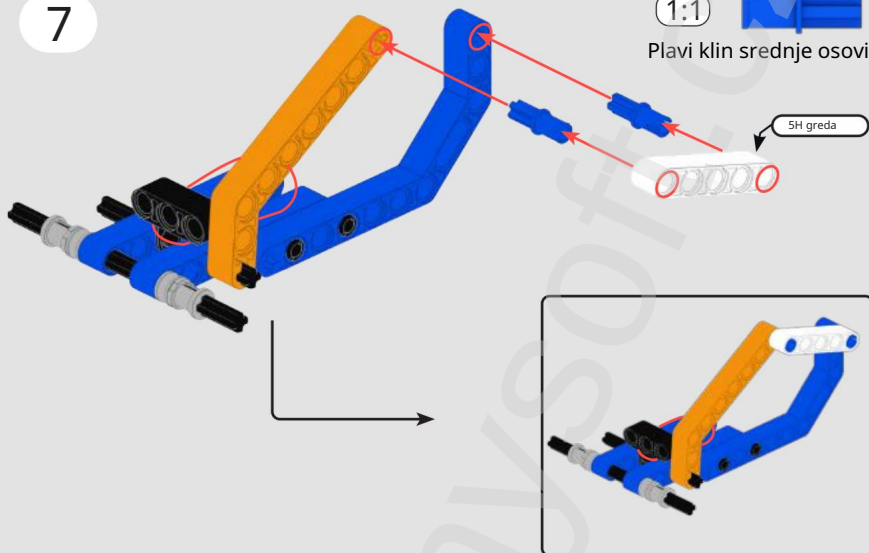
10H lijek



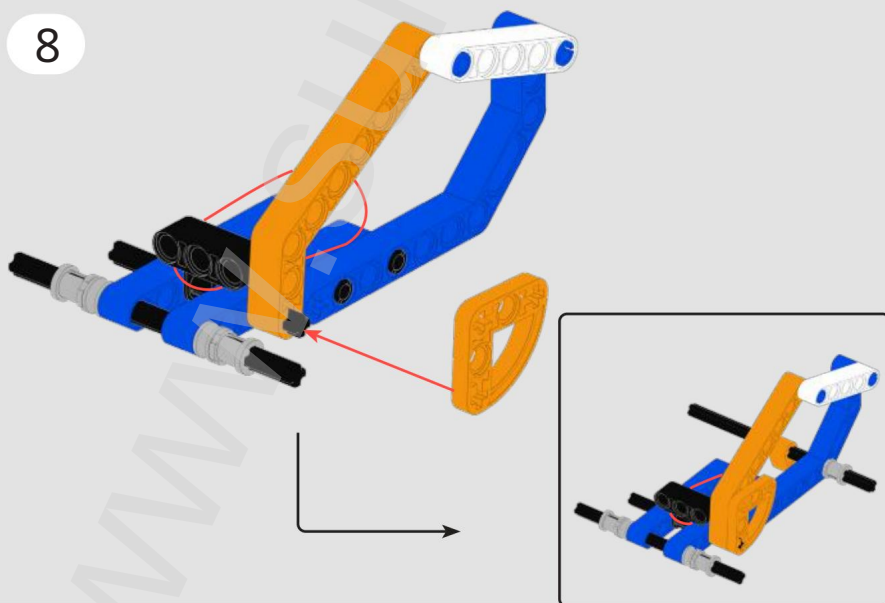
6



7



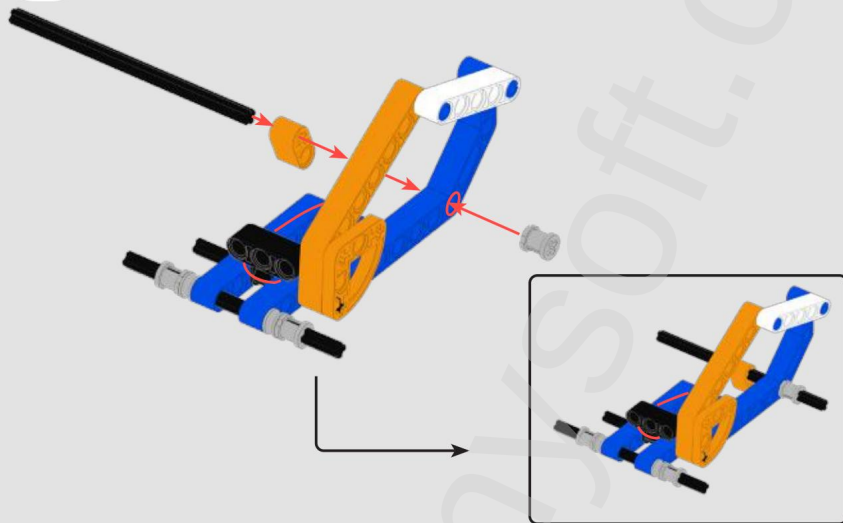
8



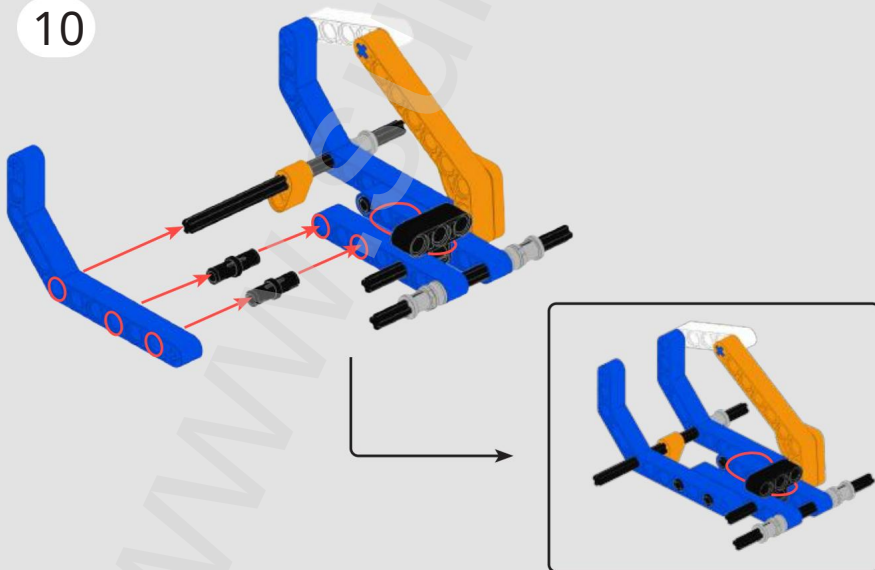
9

1:1

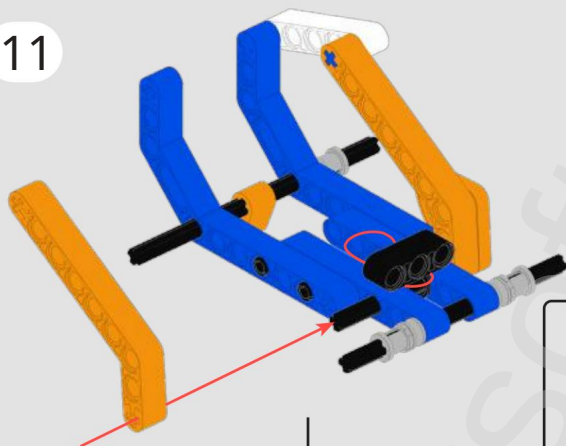
8H lijek



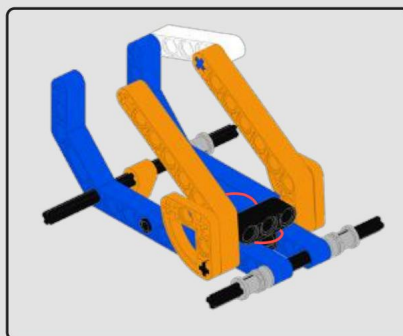
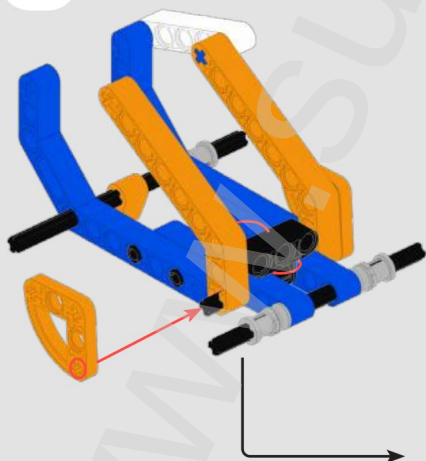
10



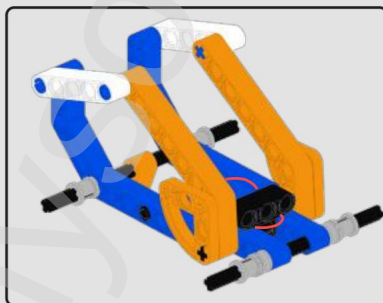
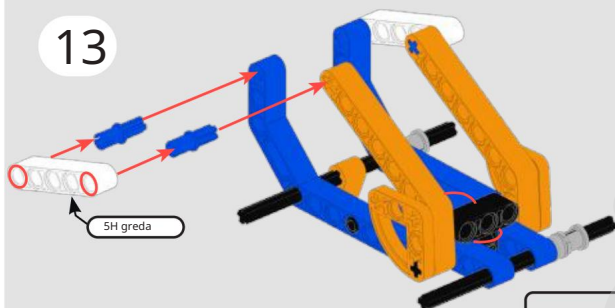
11



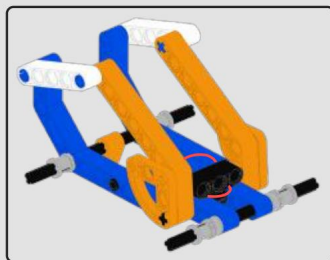
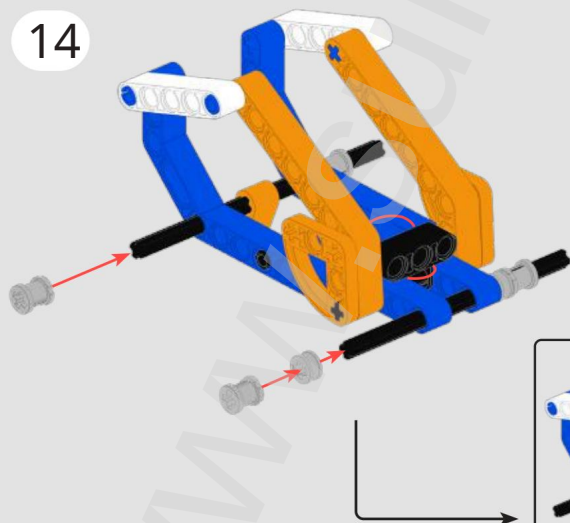
12

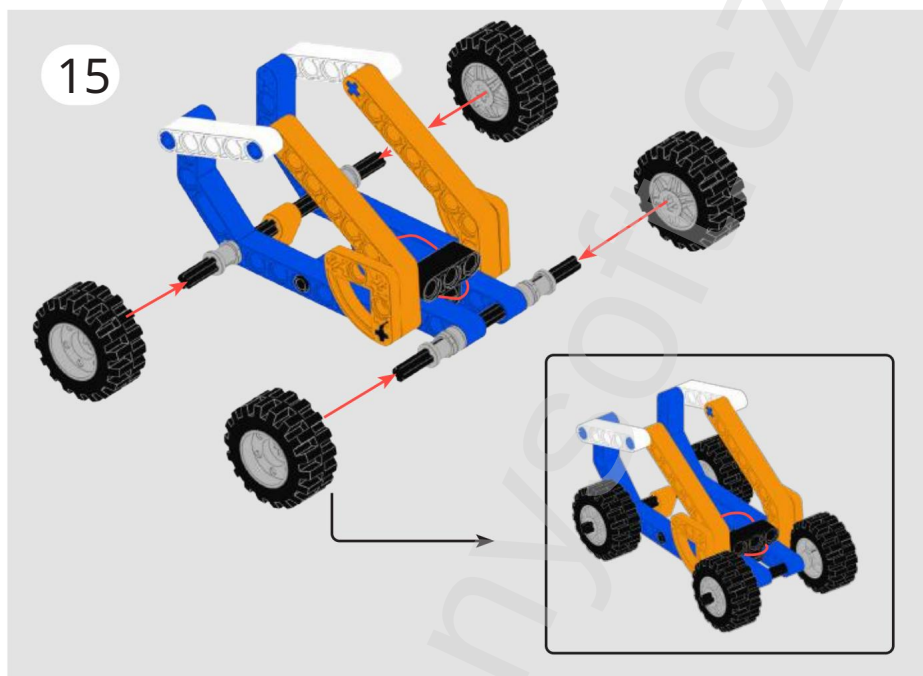


13



14

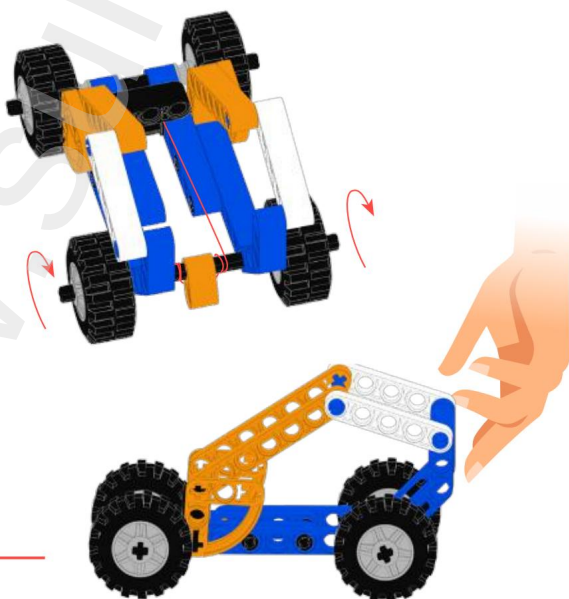




Kako igrati

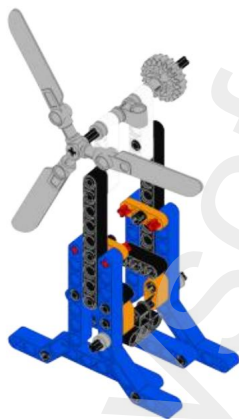


Skenirajte QR kod i
prenesite
svoj projekt!



Projekt 4: Vjetrenjača MAX

Gradimo!



Stvari koje su nam potrebne



9H greda
x2



5H greda
x2



3H
Greda
x2



2Cx10H
Dvostruko
savijanje
greda
x4



2Cx1H
Tanka
greda
x2



1Cx1H
Greda
x2



2 sata
Pravni lijek
x4



8 sati
Pravni lijek
1x



10 sati
Pravni lijek
1x



Veslo
x3



Utrostručiti
konektor
sjekire
x1



Punjenje
osovine -
male
5 puta



Srednji
PinBlack x
14



20T dvostruki
konusni
zupčanik
1x



Punjenje
velike osovine
x4



Tropinski
konektor
osovine x
1

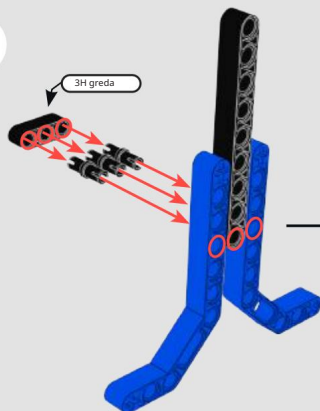


1Cx1H
Okomiti
konektor
1x

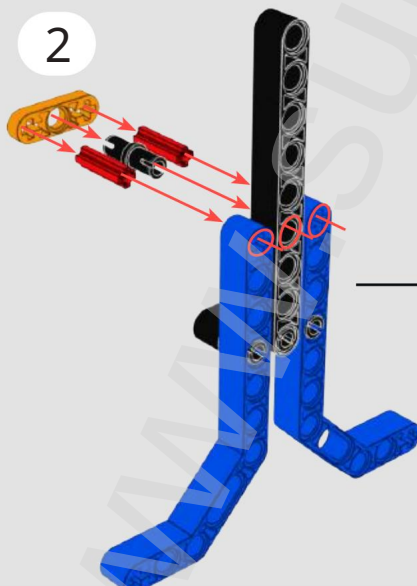


Gumena
traka x 1

1

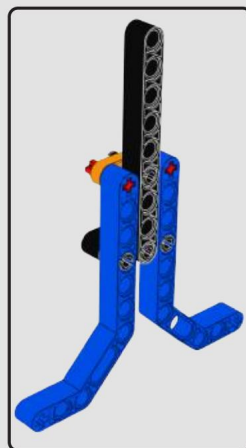


2

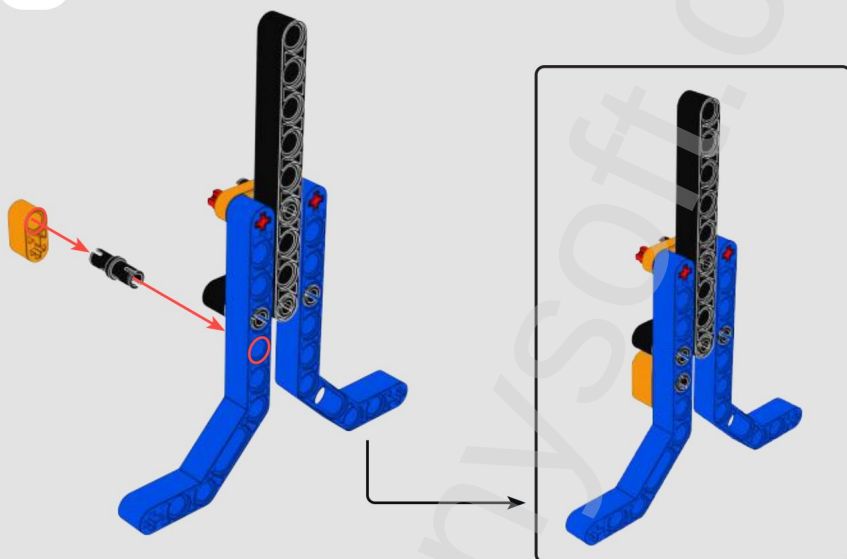


1:1

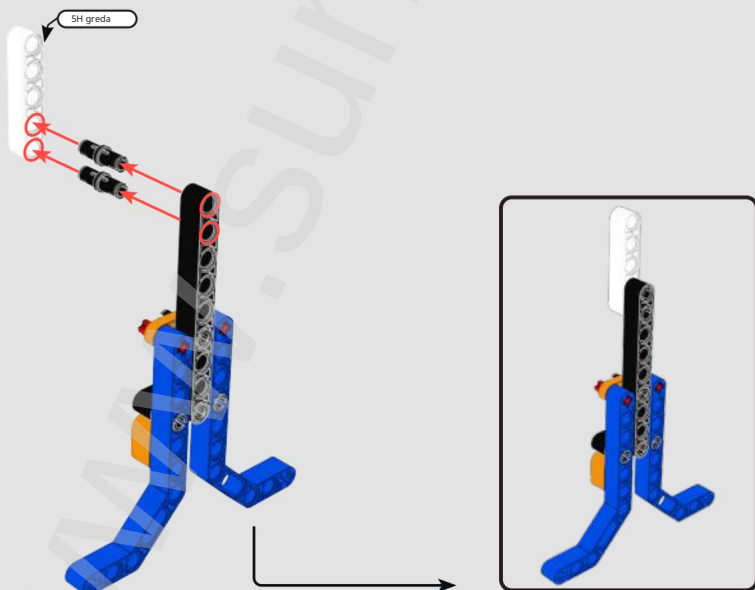
2H lijek



3

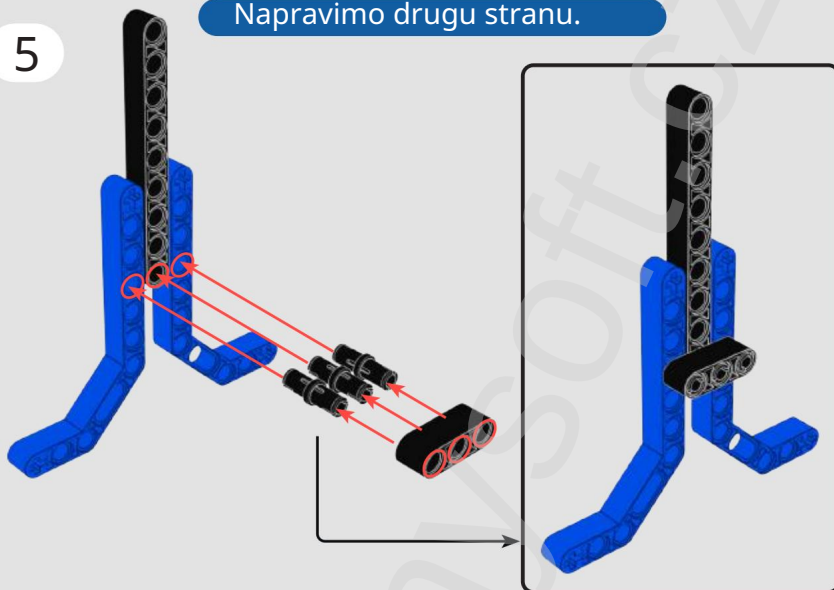


4



5

Napravimo drugu stranu.

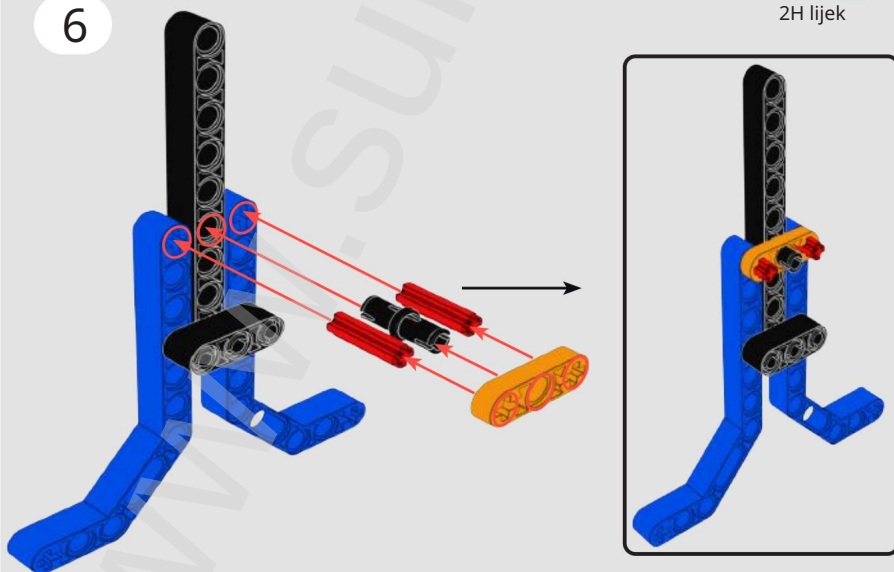


6

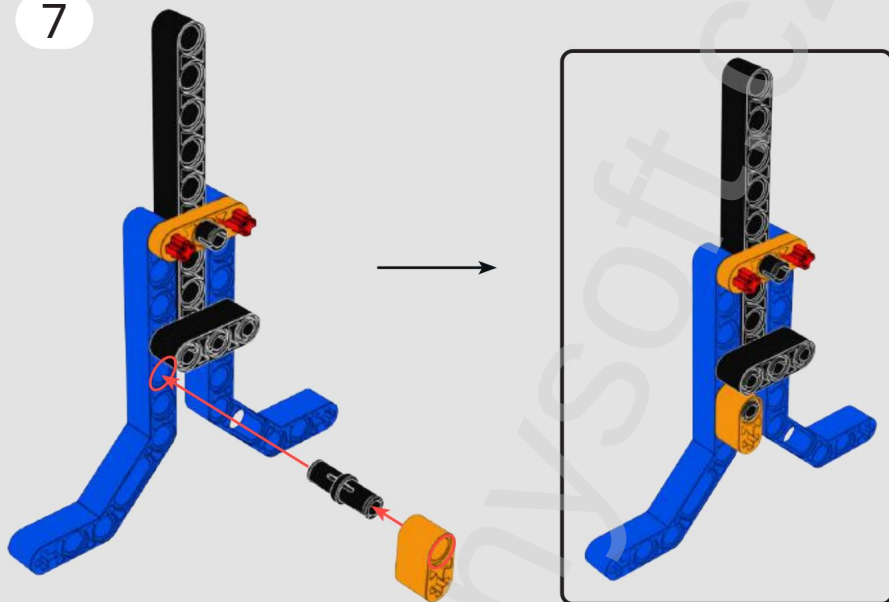
1:1



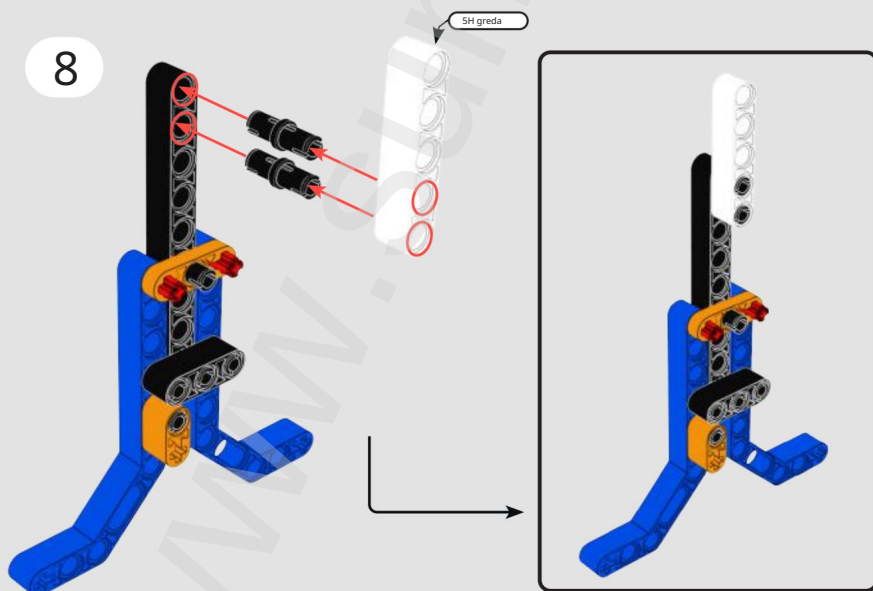
2H lijek



7



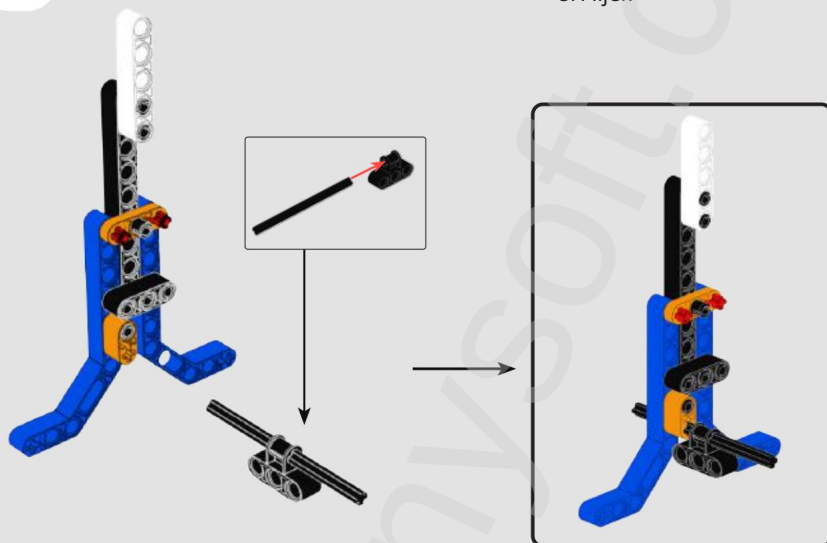
8



9

1:1

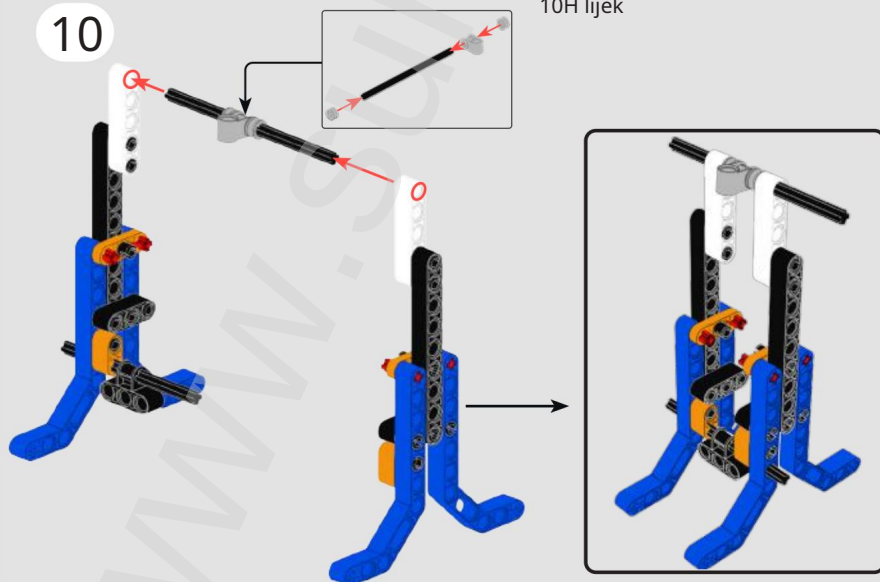
8H lijek



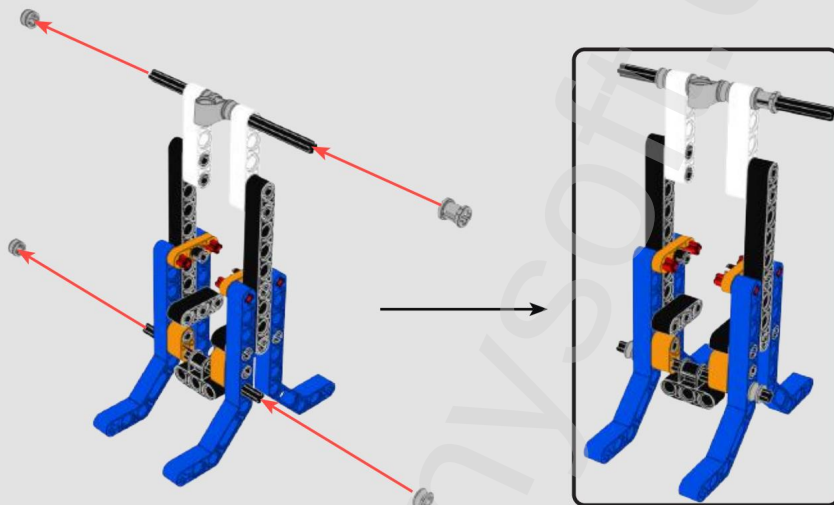
1:1

10H lijek

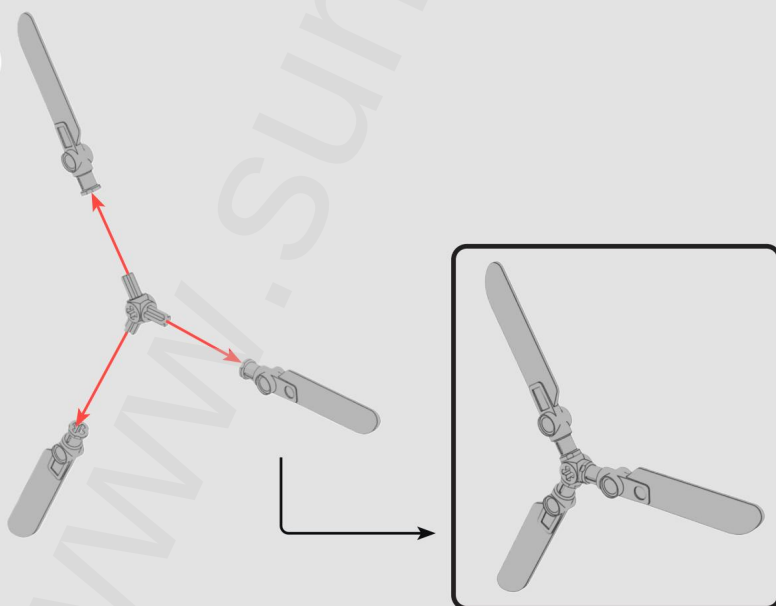
10



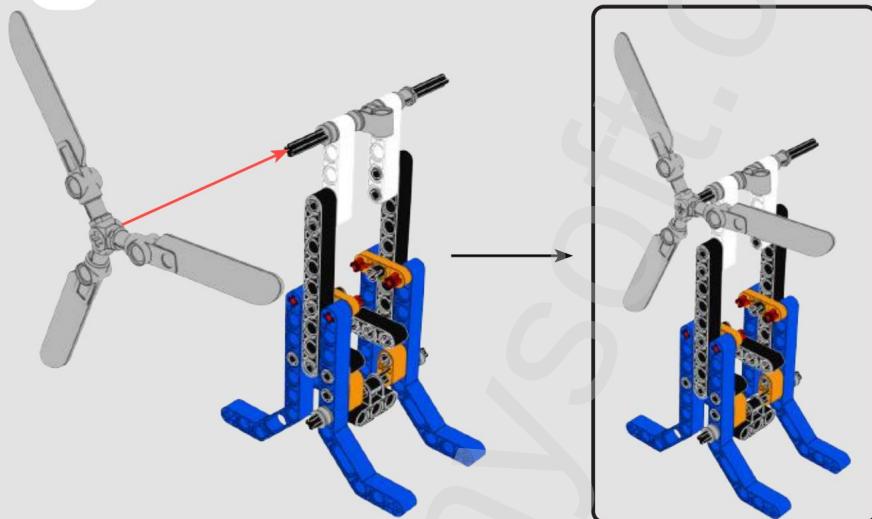
11



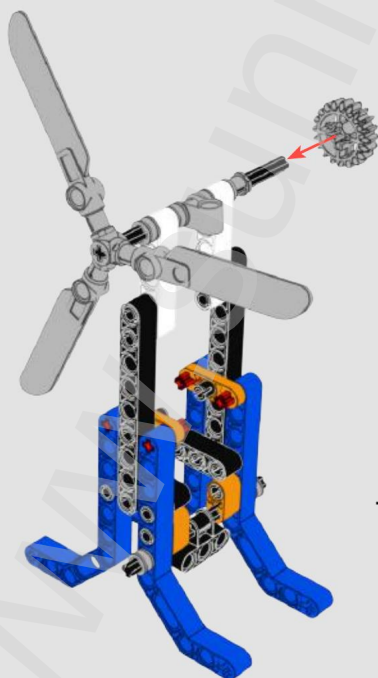
12



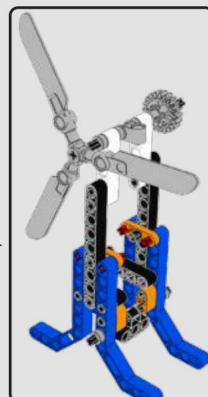
1213



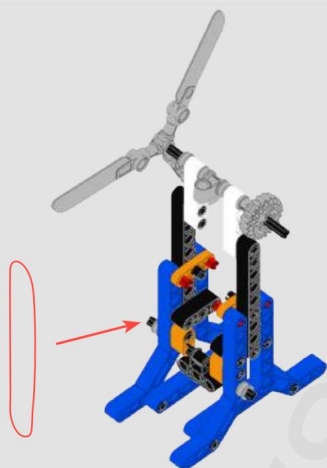
14



20T dvostruki
konusni
zupčanic



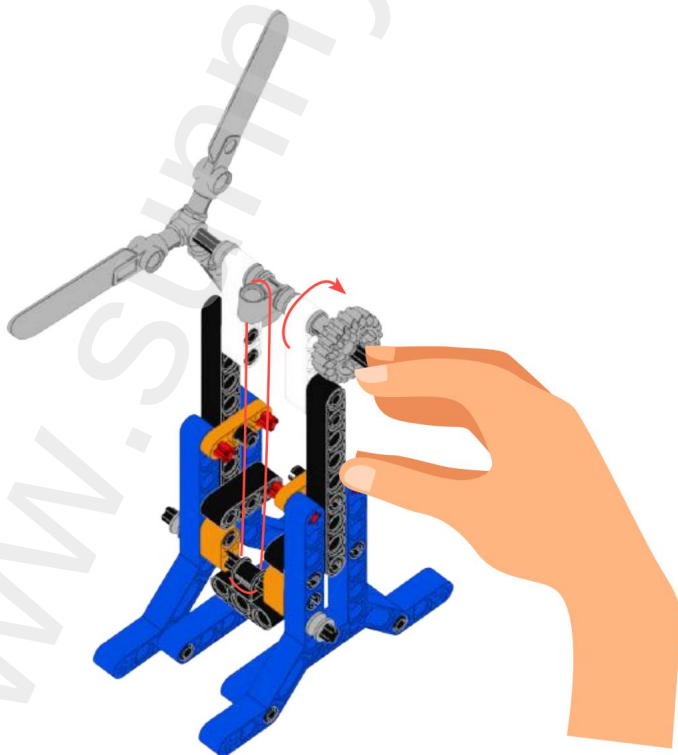
1416



Kako igrati

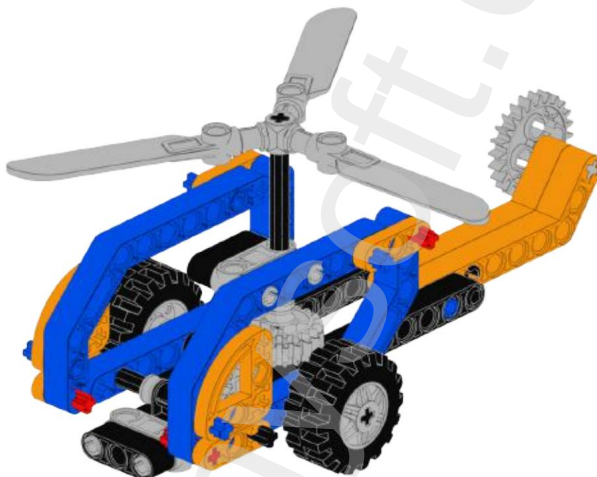


Skenirajte QR kod i
prenesite
svoj projekt!



Projekt 5: Helikopter MEX

Gradimo!



Stvari koje su nam potrebne



9 sati
Greda
x2



3H
Greda
x2



2Cx10H
Dvostruko savijanje
greda
x4



2Cx7H
Jedna
savijajuća
greda x 2



3Cx2H
Thin-D
x2



2Cx1H
Tanko
Greda
x2



2H Ilijek
x4



8 sati
Pravni Ilijek
1x



3H
Pravni Ilijek
1x



10 sati
Pravni Ilijek
1x



Srednji
crn kao igla
5 puta



Prikvači medij
osovine-
plave
x4



3Hx4Pin
Konektor
x2



Punilo za osovine
- malo
5 puta



Punjenje
velike
osovine
x4



Veslo
x3



Trostruki osni
konektor
x1



Okomiti pin
konektor na
osovini x 1



20T dvostruki
konusni
zupčanic
x2



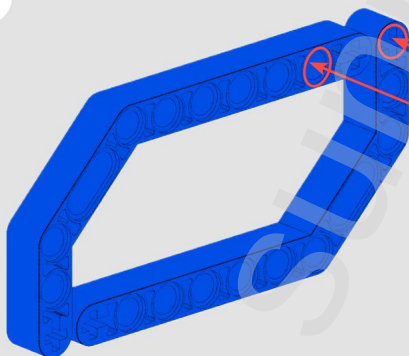
Frontalni
zupčanic
24T x 1



Kotač
x4

Koraci

1



1:1

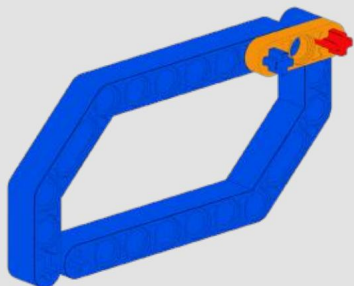
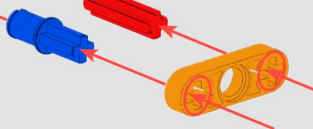


2H lijek

1:1



Plavi klin središnje osovine

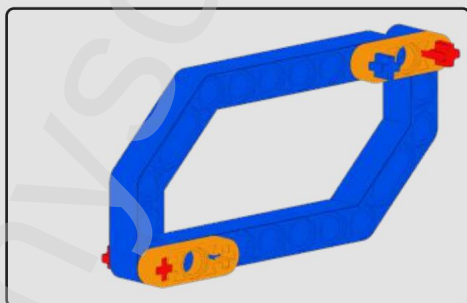
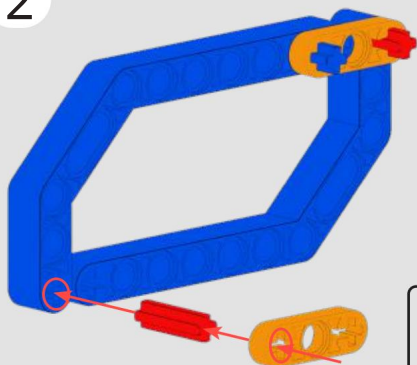


2

1:1



2H Lijek

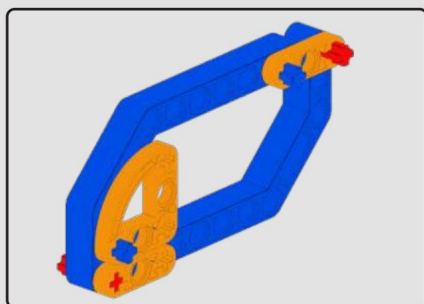
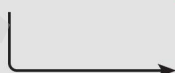
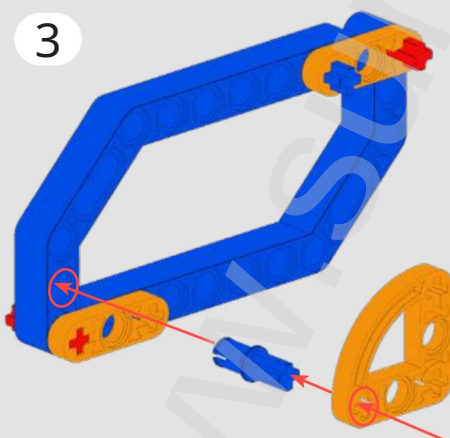


3

1:1



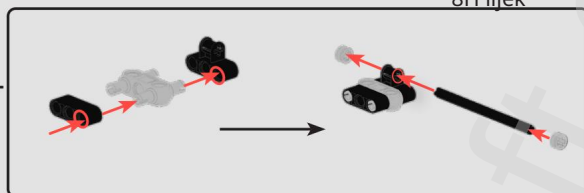
Plavi klin središnje osovine



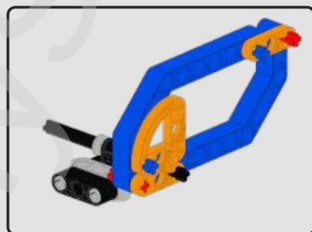
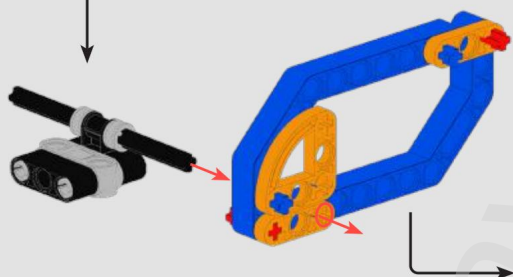
4

1:1

8H lijek

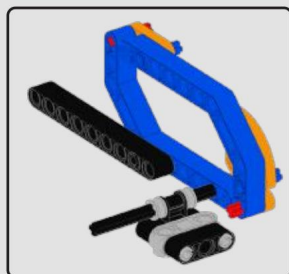
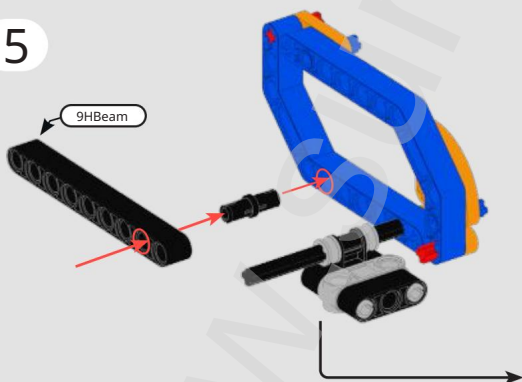


Punilo za osovine - malo



5

9HBeam



Savjet za montažu



Crne srednje pinove može biti malo nezgodno umetnuti!
Ali ne brinite. Gurnite ih i provjerite je li spoj čvrst.
Upotrijebi malo sile :-).

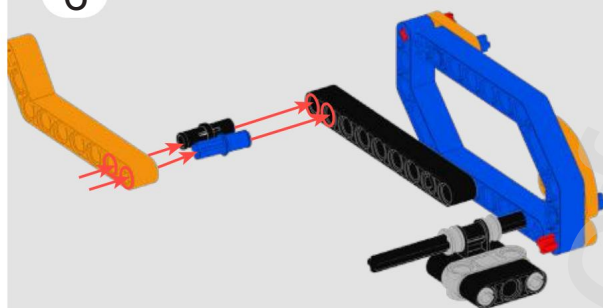


6

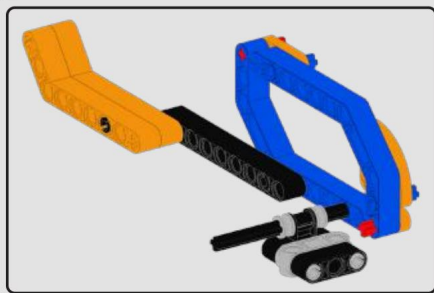
1:1



Plavi klin središnje osovine



7



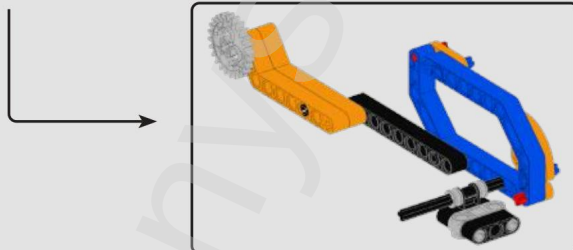
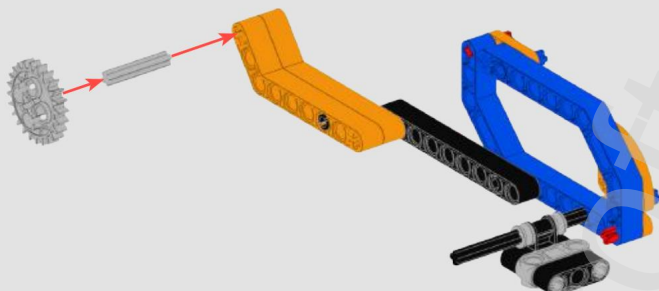
8

1:1

3H lijek



Zupčanik s željustima
kotač --24T



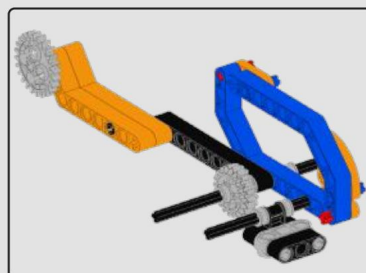
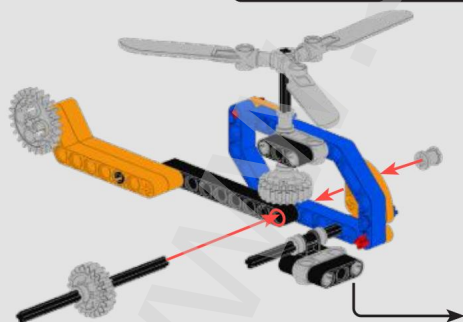
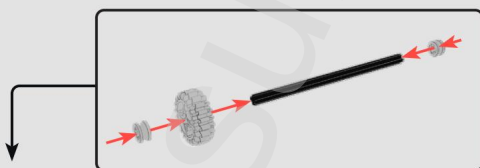
9

1:1

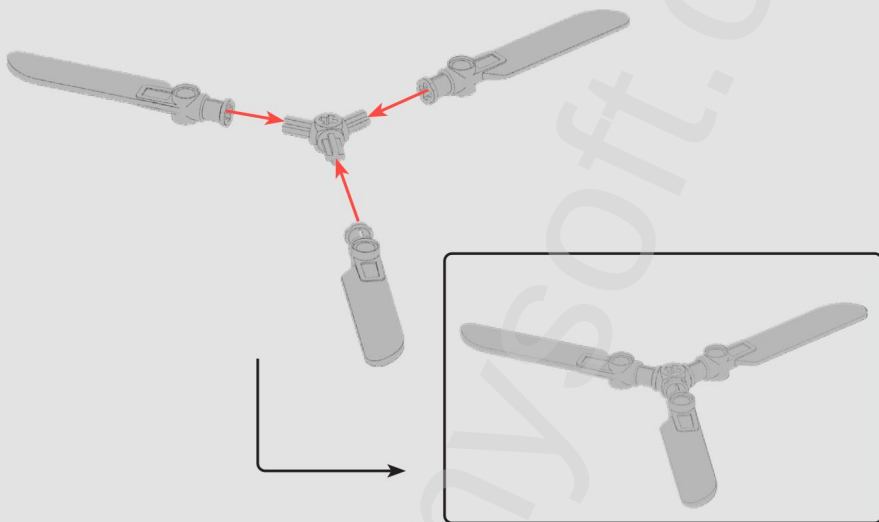
10H lijek



20T dvostruki
konusni zupčanik

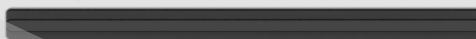


10

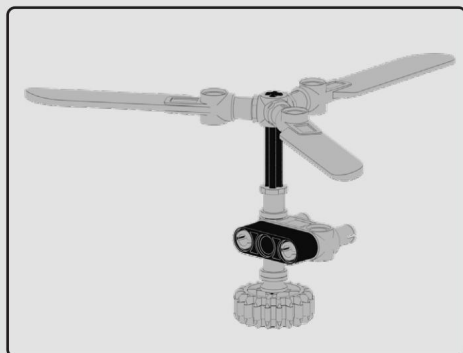
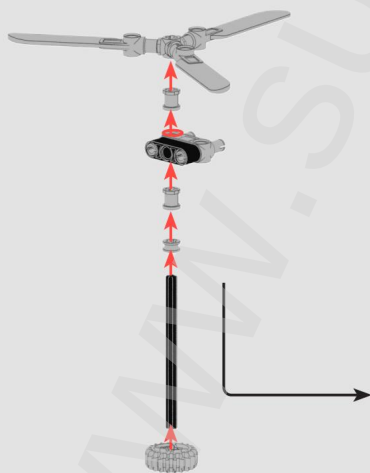


11

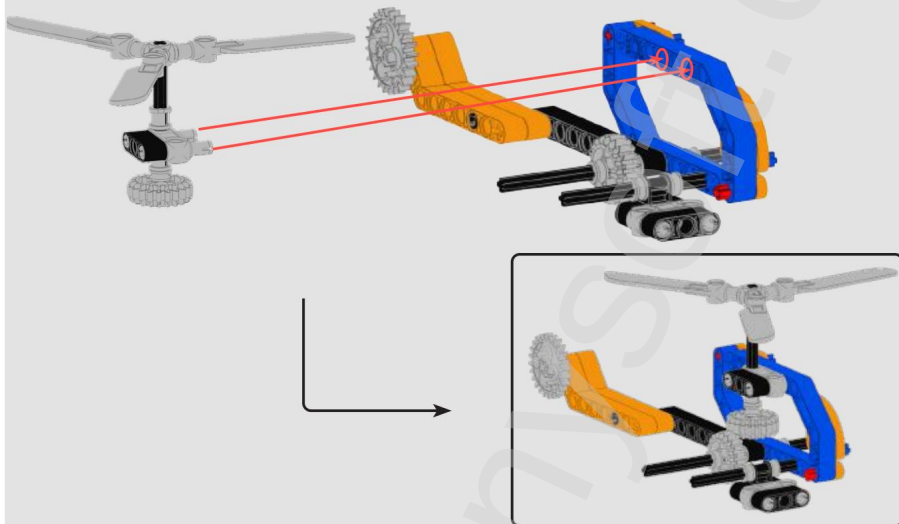
1:1



8H lijek

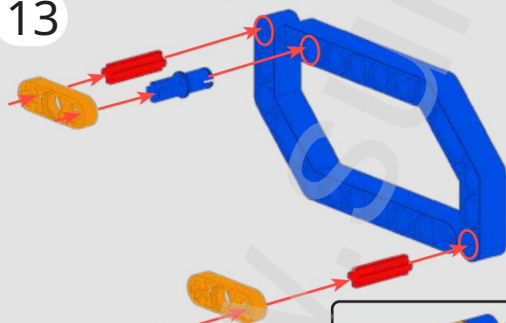


12



Napravimo drugu stranu.

13



(1:1)

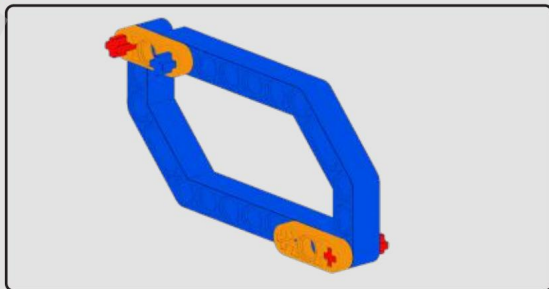


2H lijek

(1:1)



Plavi klin središnje osovine

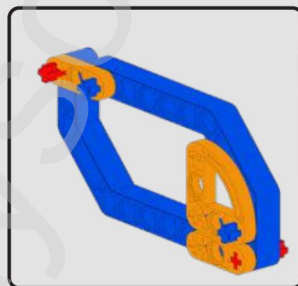
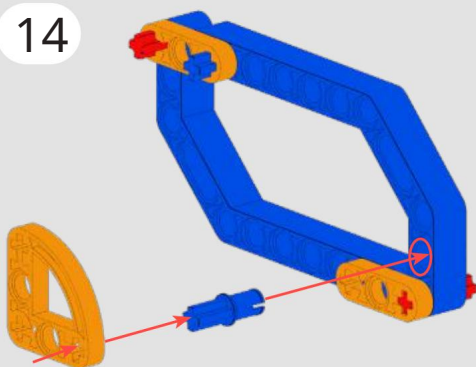


14

1:1

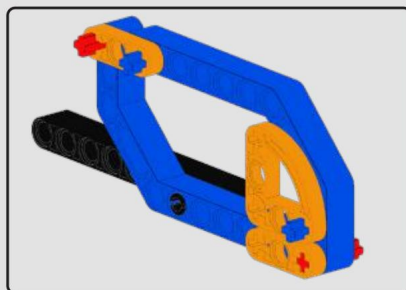
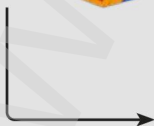
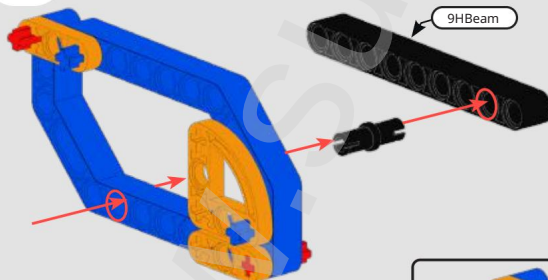


Plavi klin središnje osovine

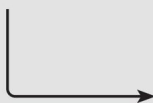
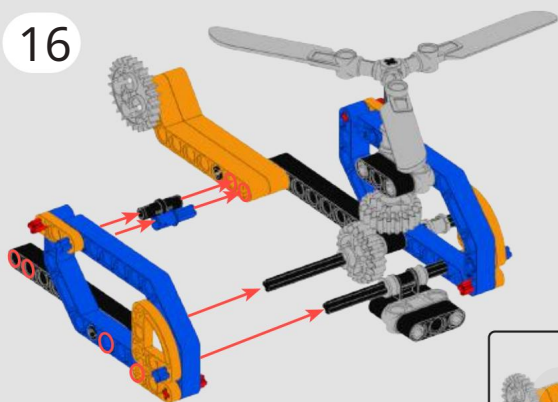


15

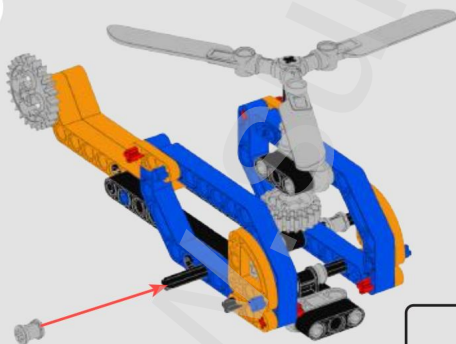
9HBeam



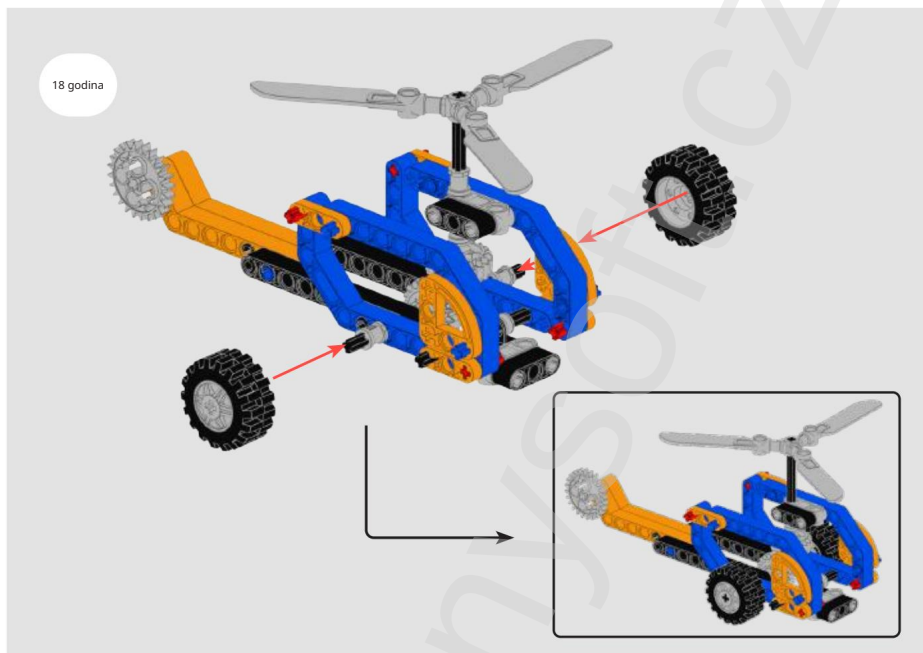
16



17



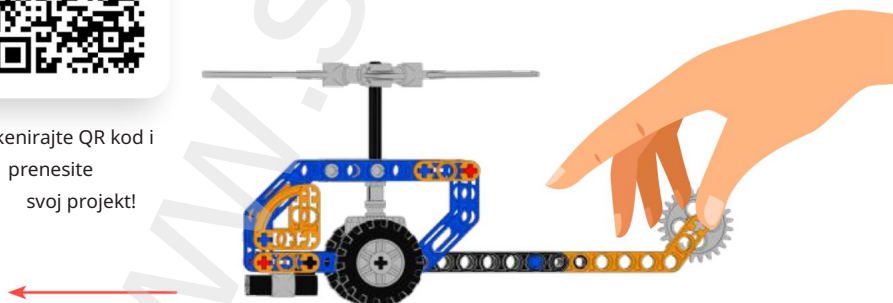
18 godina



Kako igrati



Skenirajte QR kod i
prenesite
svoj projekt!



Još 5 projekata!

Skenirajte QR kod kako biste otključali još pet projekata



Robotizirajte svoje robote!

Želite li dodati motore i LED diode svojim MREK projektima i igrati se s njima pomoću aplikacije? Kupite MEX paket elektronike i nadogradite svoj komplet!



Skeniraj i kupi odmah



Napišite nam svoje mišljenje!

Vaše povratne informace su u središtu našeg rasta i voljeli bismo podijeliti vaša iskustva sa svijetom.

Jednostavno napišite svoja razmišljanja na ovoj

stranici, fotografirajte se, označite nas i podijelite ih u svojim pričama
#PodijeliteSvojeIskustvo #AvishkaarAdventures

Dobavljač/Distributer

Sunnysoft d.o.o.
Kovanečka 2390/1a

190 00 Prag 9

Češka

www.sunnysoft.cz



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