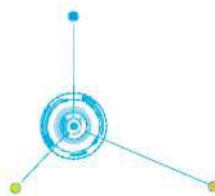


coding  
lab → → ↑

# RoboMaker<sup>®</sup>

výuková laboratoř robotiky

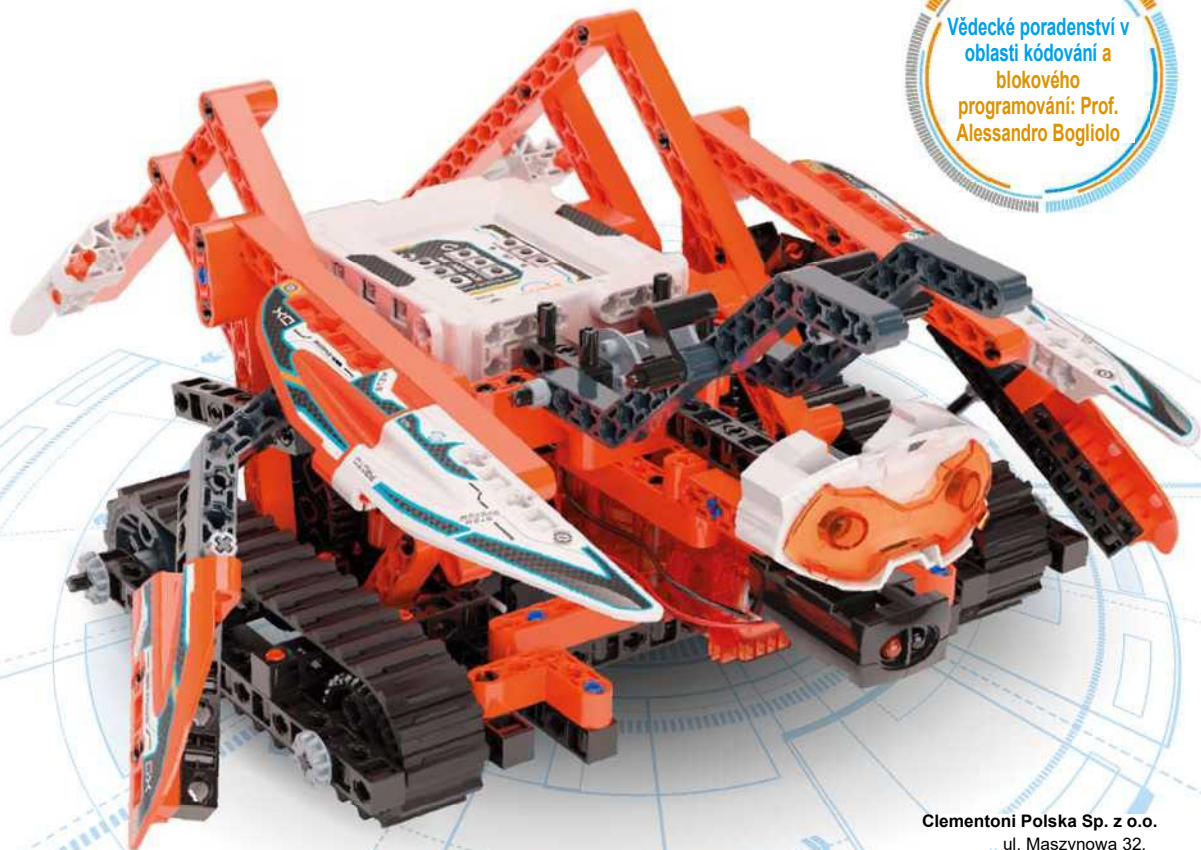
pro



## X2•SPIDER

LEGO® MINDSPRINGER™ 2 IN 1 ROBOTIC KIT

Vědecké poradenství v  
oblasti kódování a  
blokového  
programování: Prof.  
Alessandro Bogliolo



Clementoni Polska Sp. z o.o.  
ul. Maszynowa 32,  
80-298 Gdansk, Polska Tel.: +48  
58 3432882  
poland@clementoni.com

**PRODUCENT:**  
Clementoni S.p.A.  
Zona Industriale Fontenoce s.n.c.  
62019 Recanati (MC) - Italy Tel.:  
+39 071 75811  
www.clementoni.com

advanced

Přečtěte si pokyny a uschovejte si je pro případnou

 **Clementoni**<sup>®</sup>

# Útěk před predátorem!

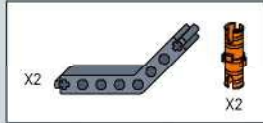
Montáž

1

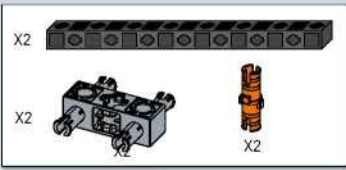
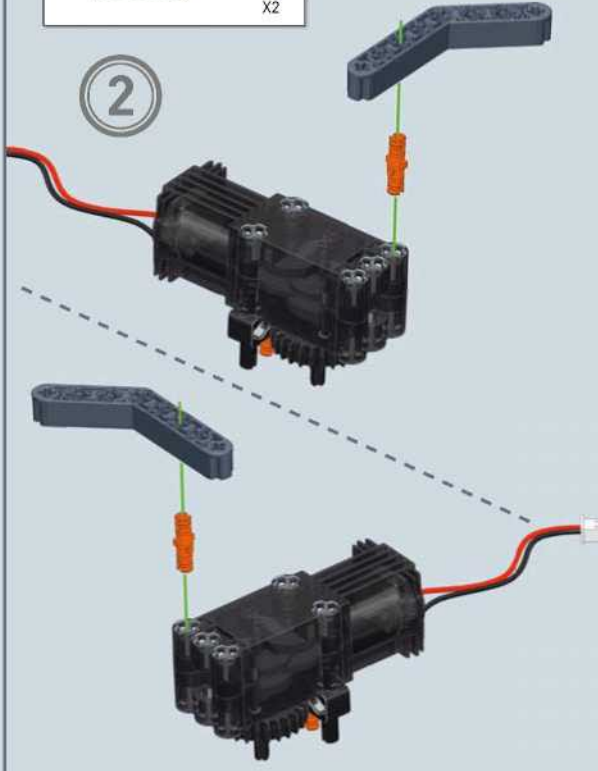
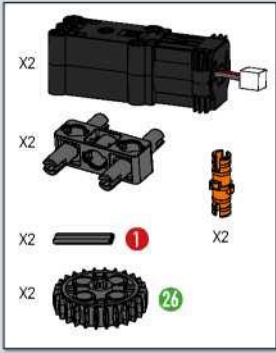
26

26

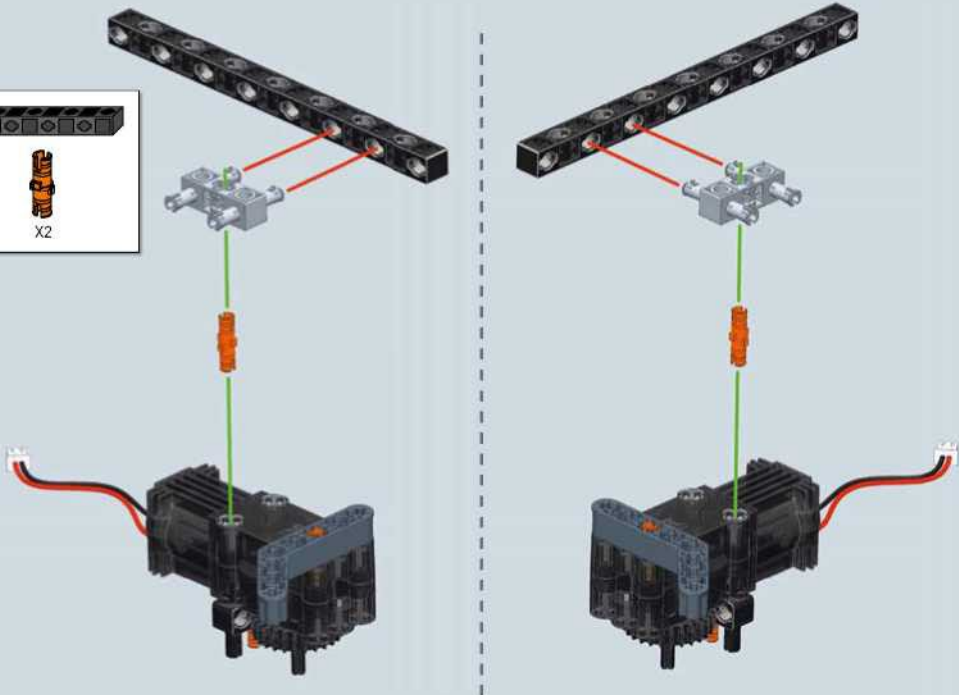
1



2



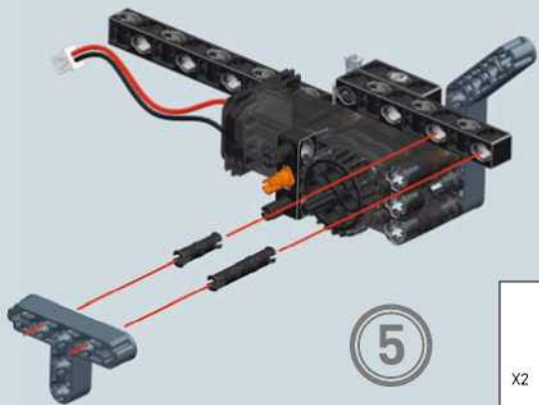
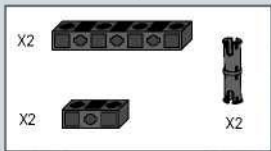
3



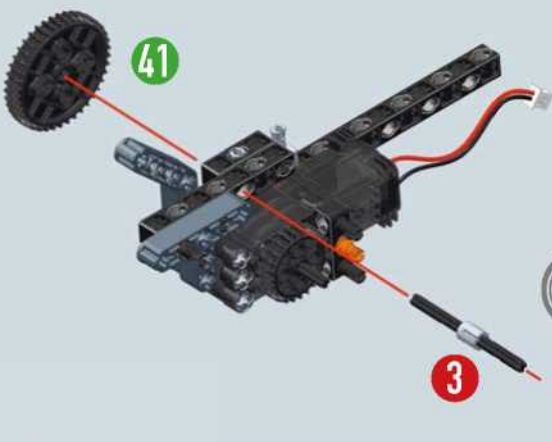
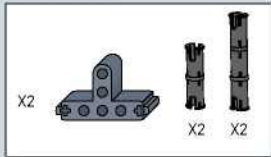
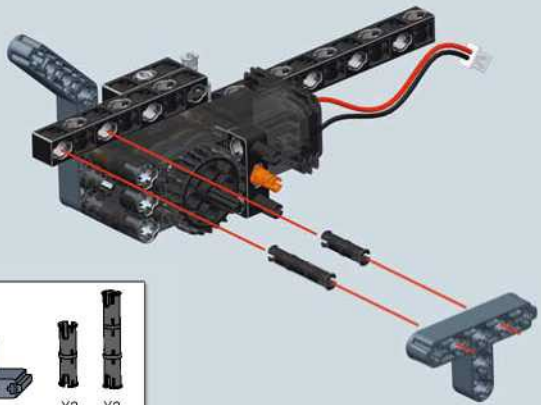
2



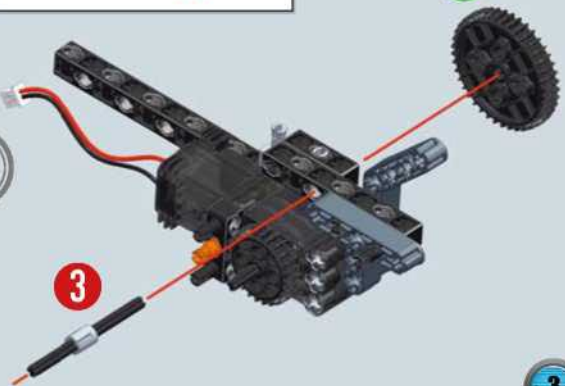
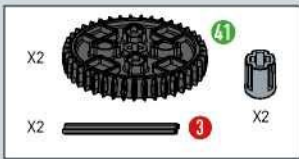
4

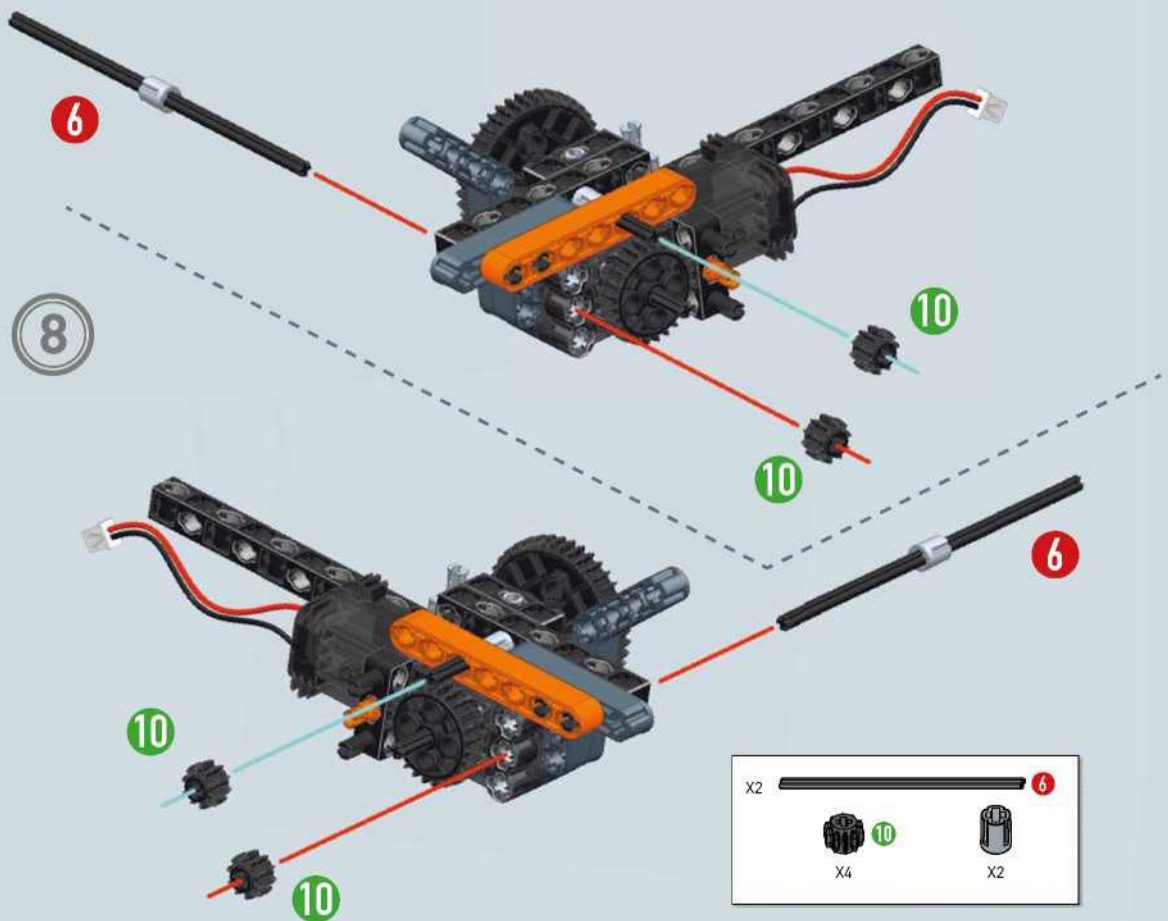
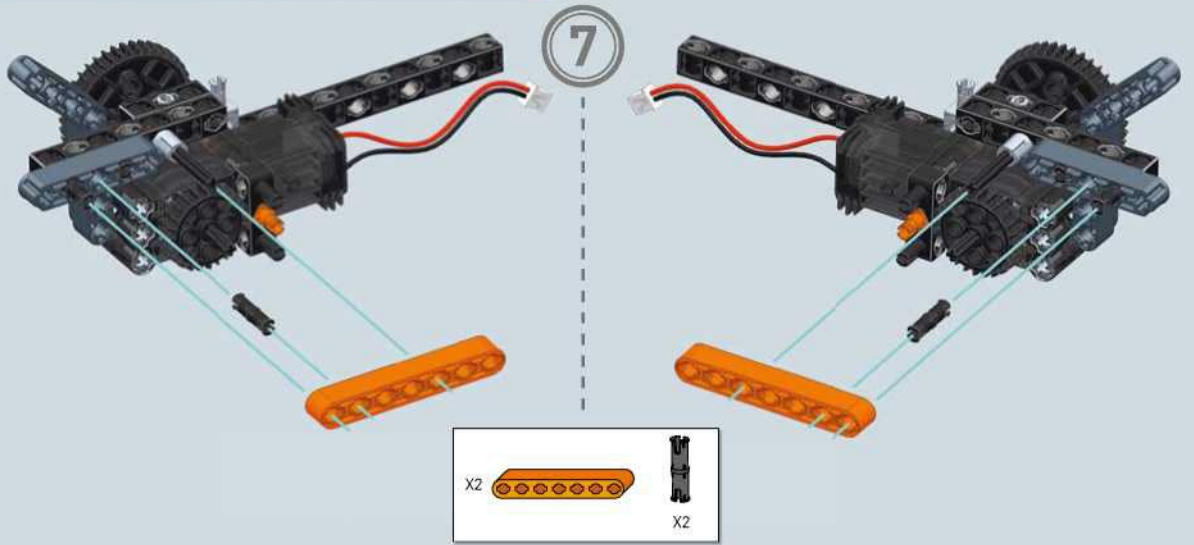


5

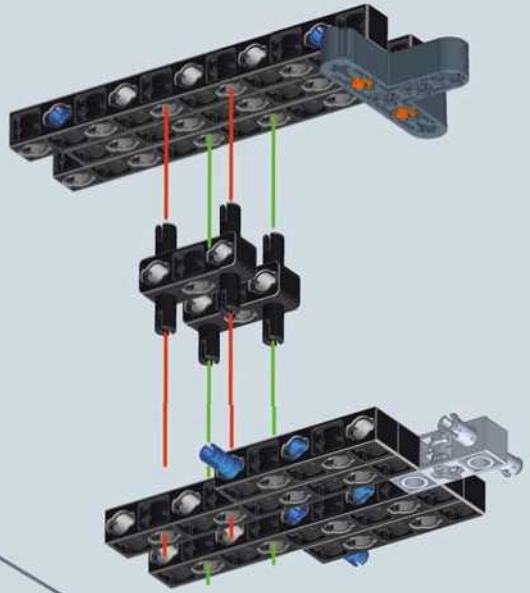
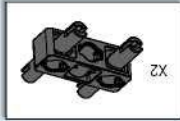


6

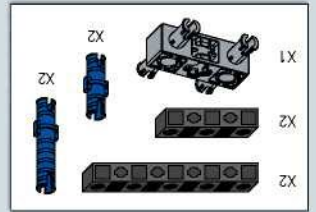
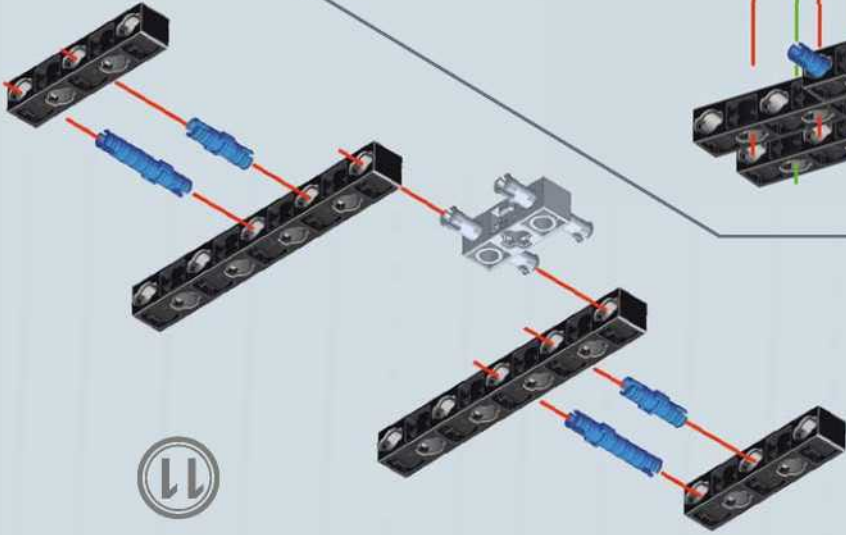




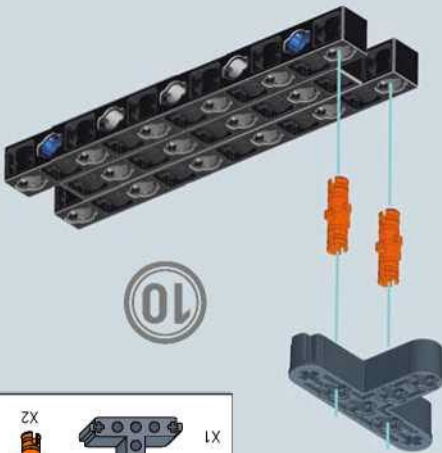
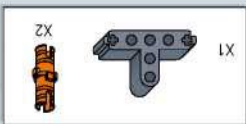
12



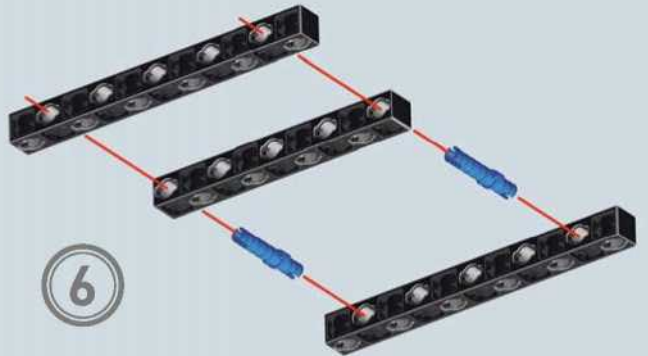
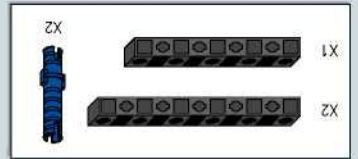
11



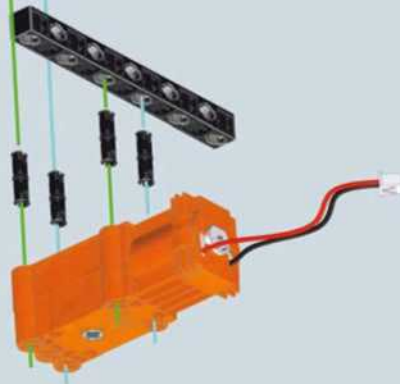
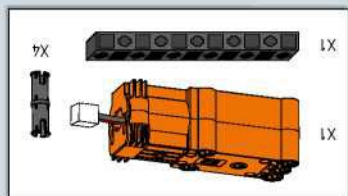
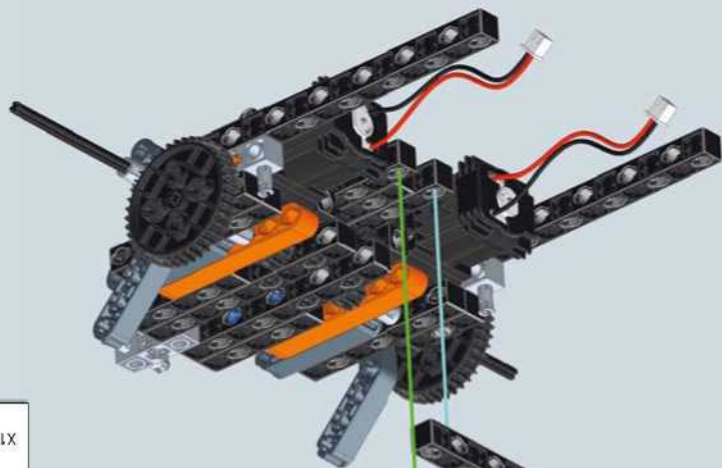
10



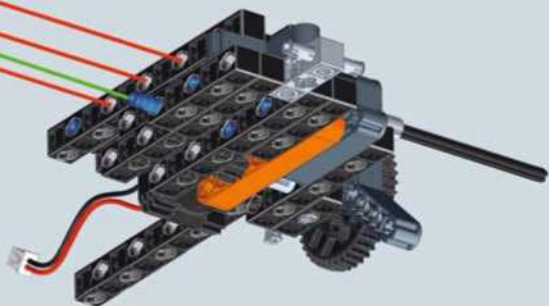
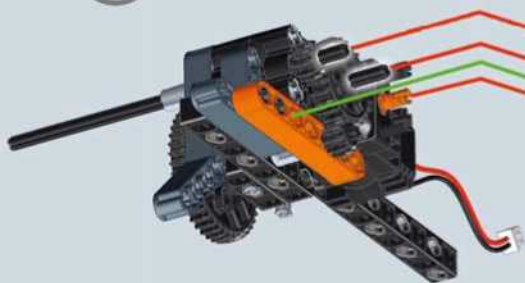
6



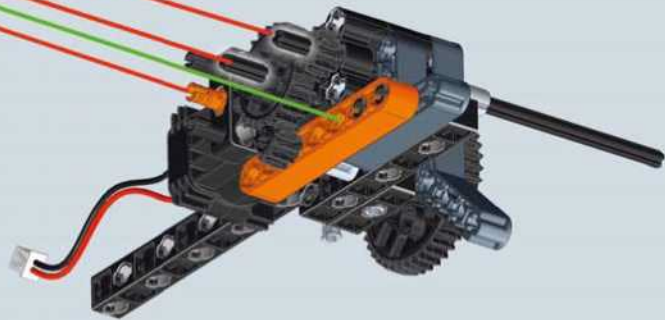
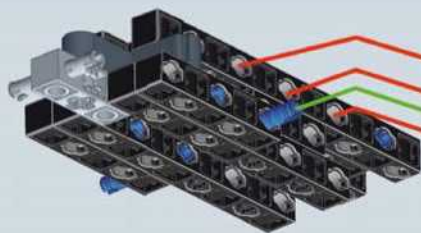
15

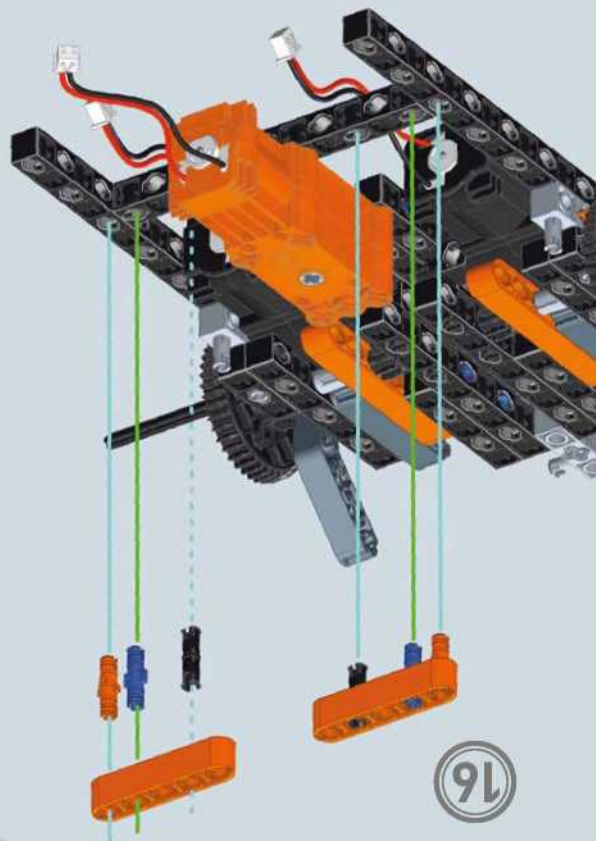
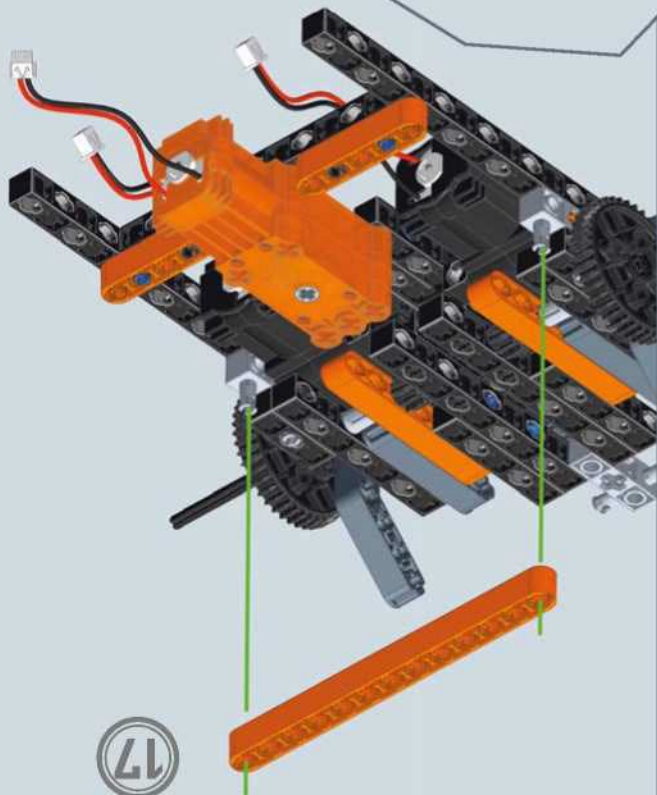
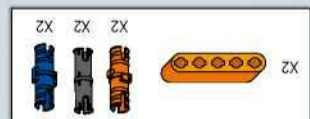


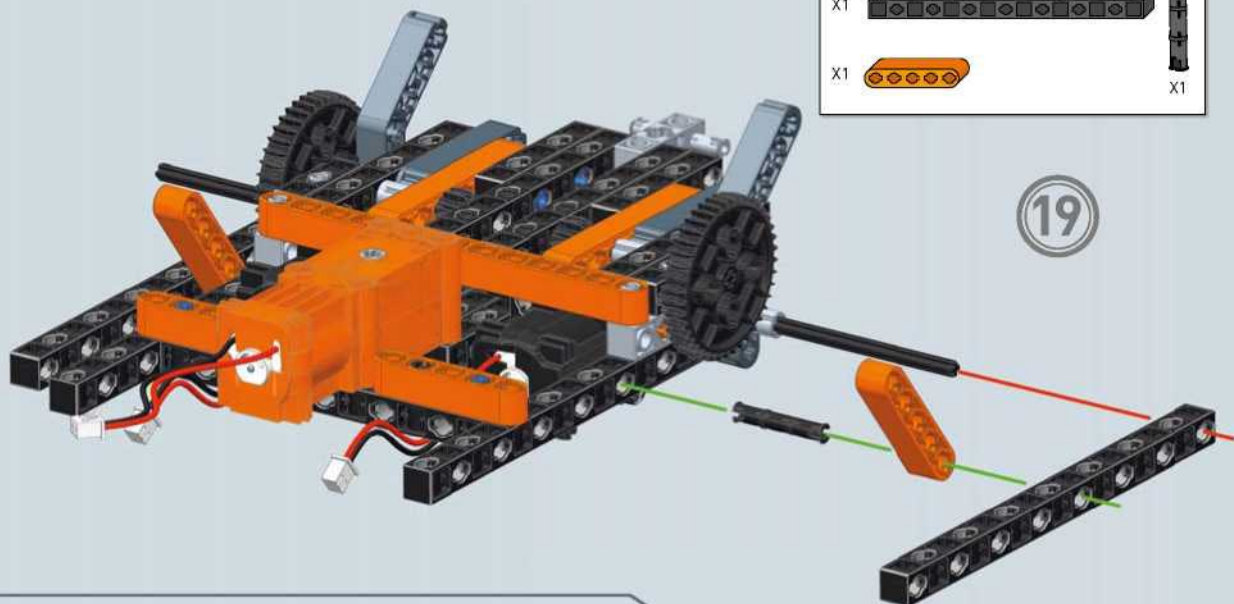
14



13



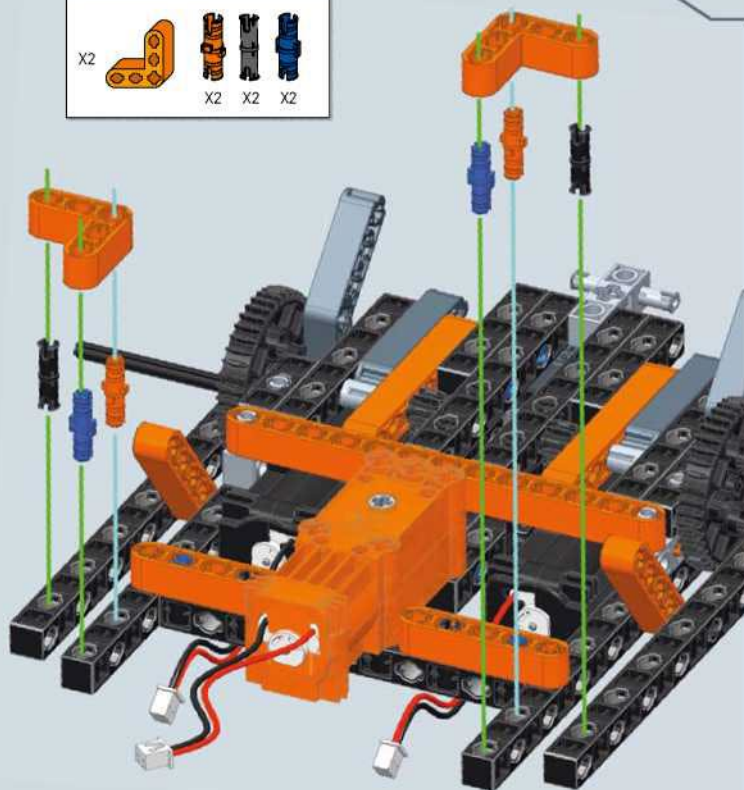




- X1
- X1
- X1

19

- X2
- X2
- X2
- X2



20

21



X2

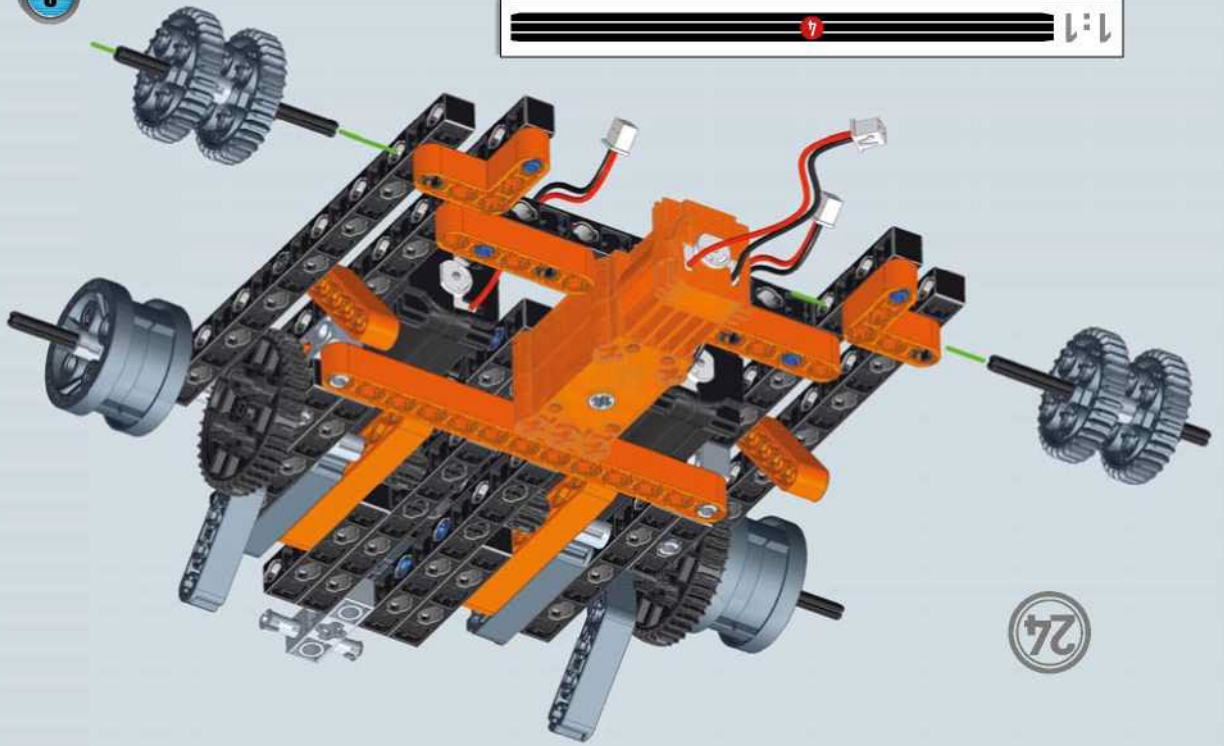


- X2
- X2
- X4



6

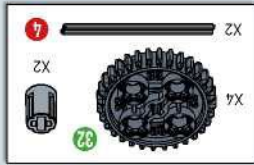
1:1



24



X2

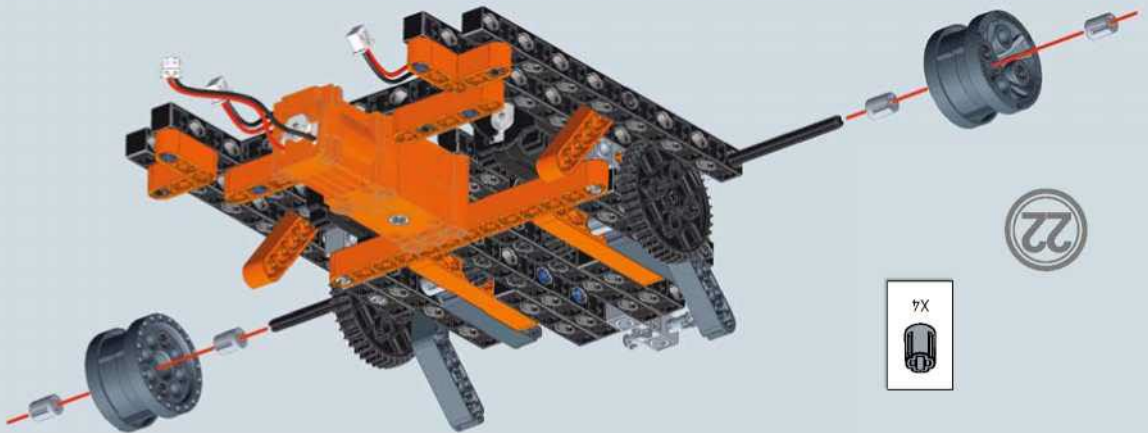


23

32

7

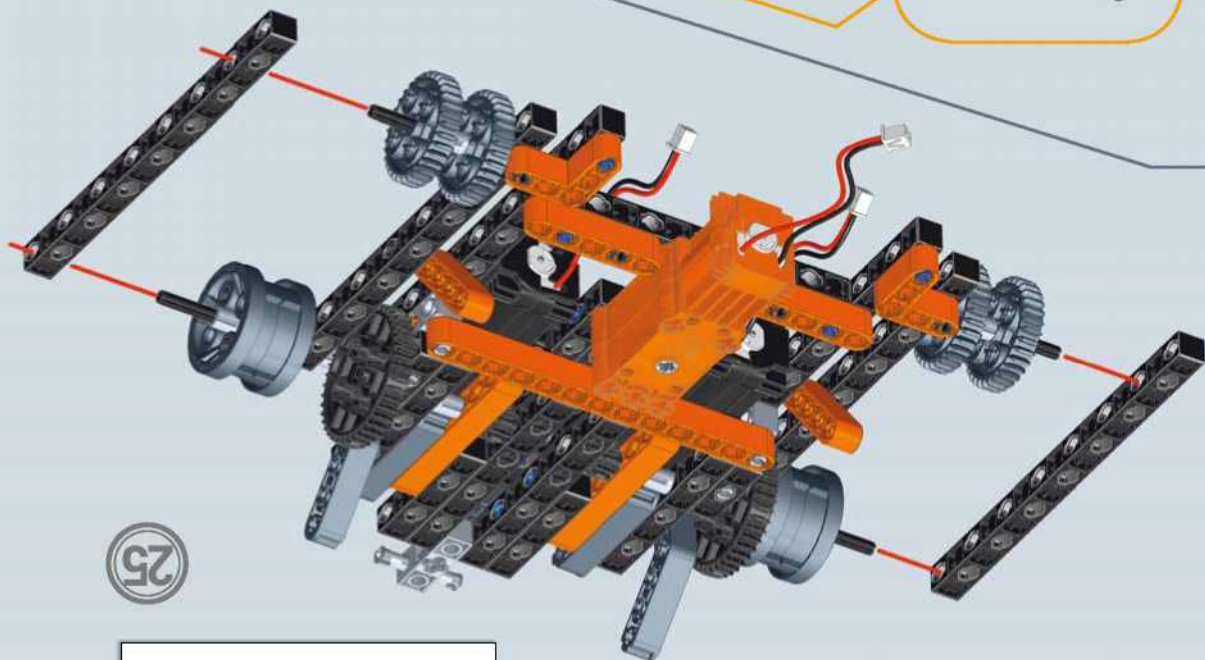
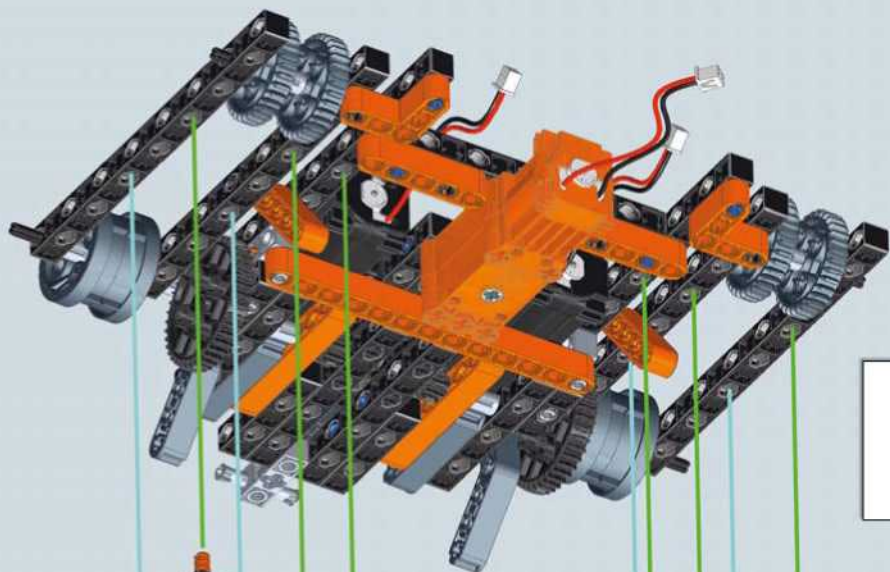
32

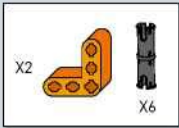


22

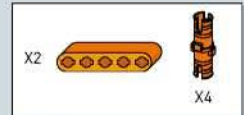
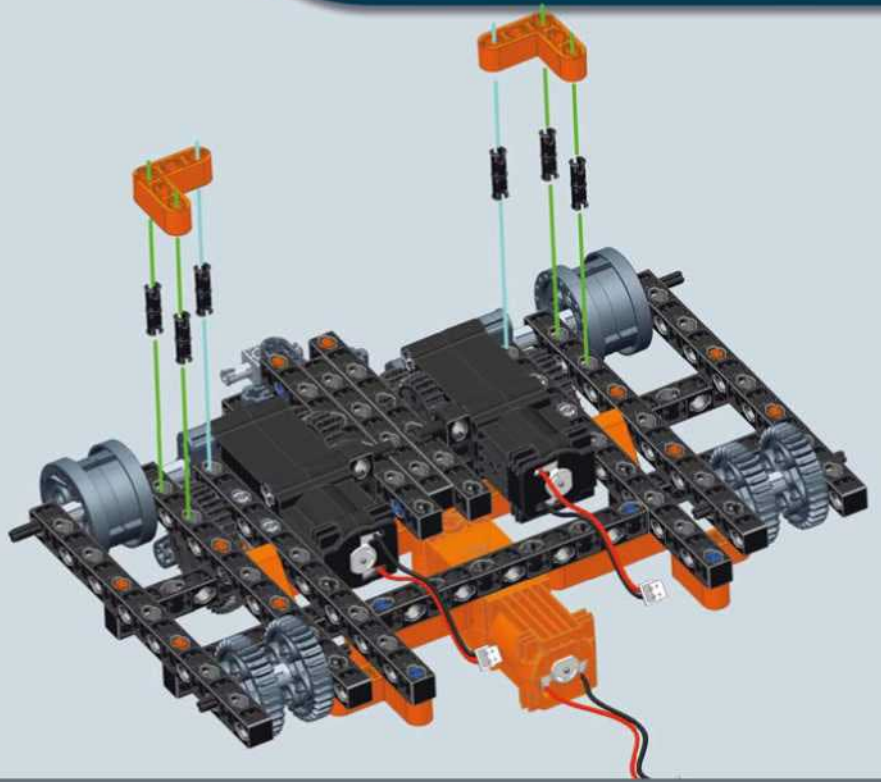


X4

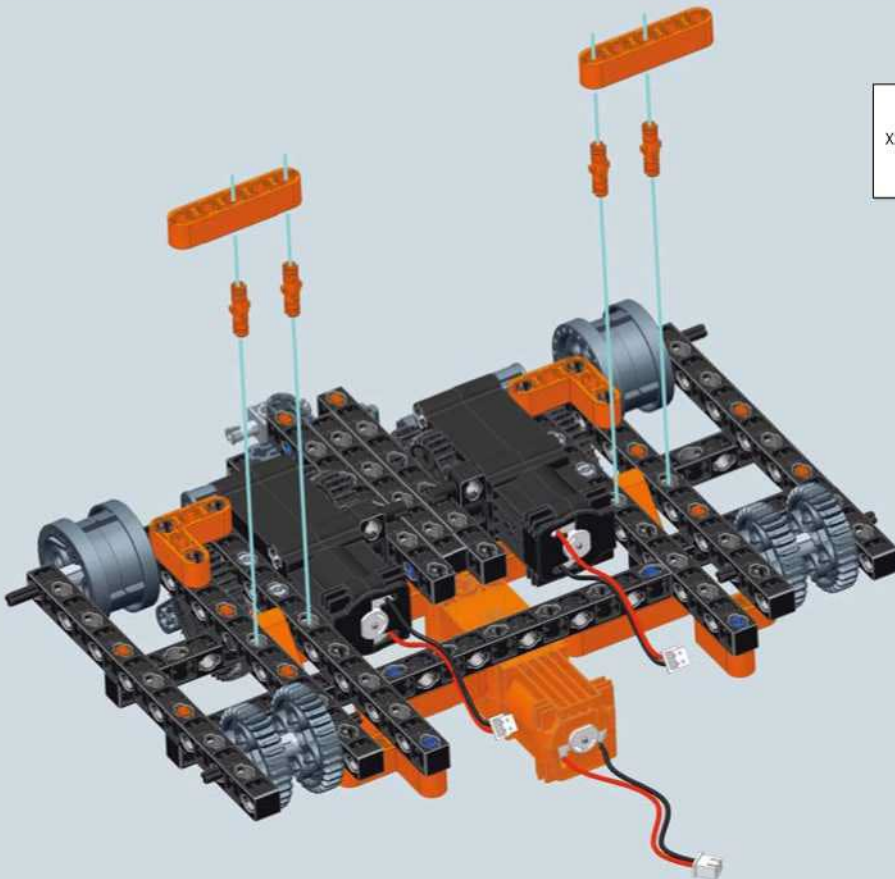




27

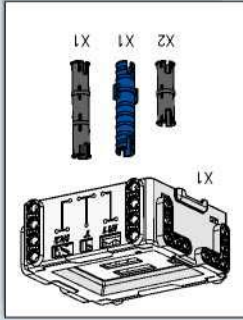


28





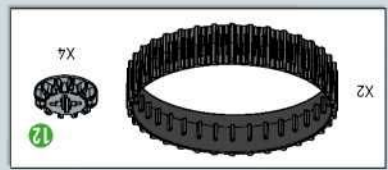
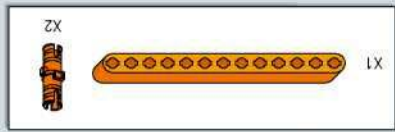
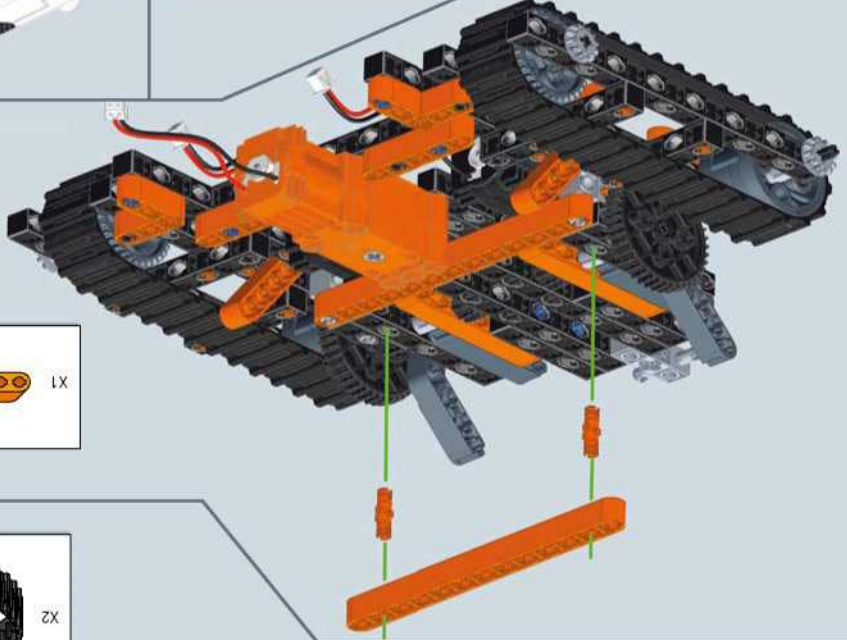
31



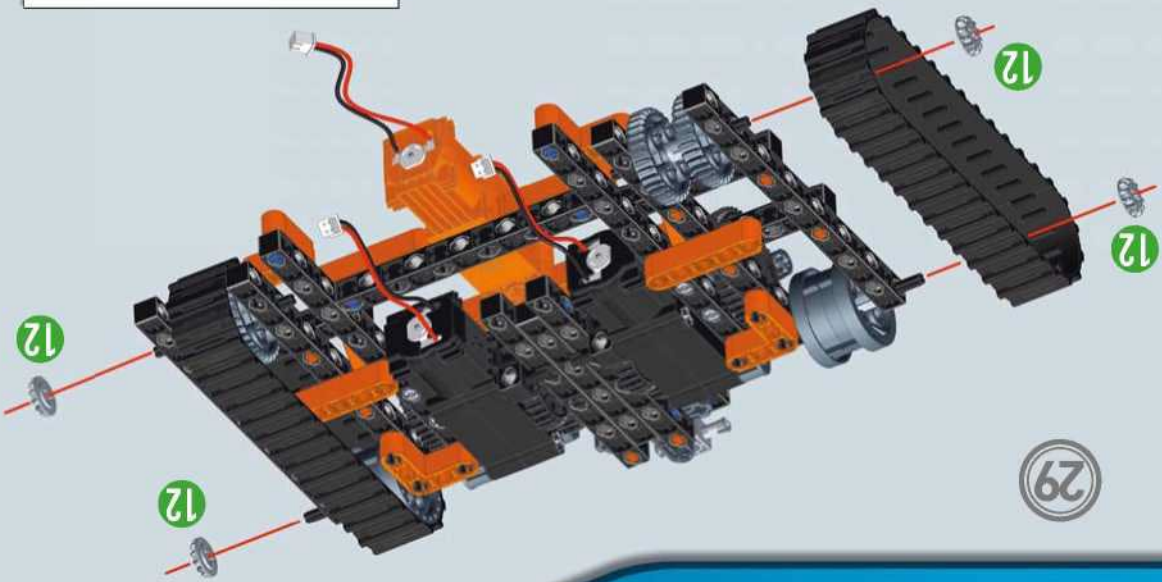
32



30

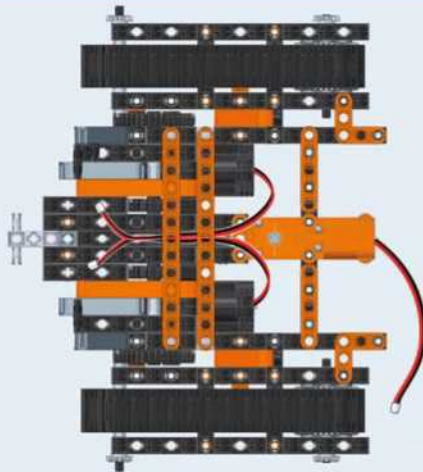


12



29



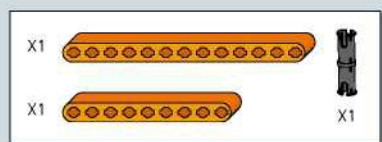
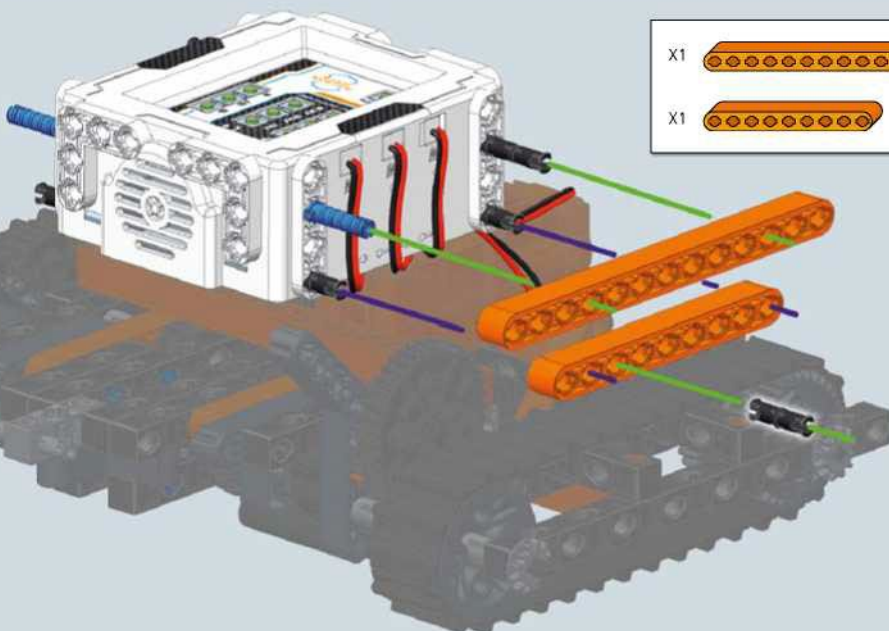
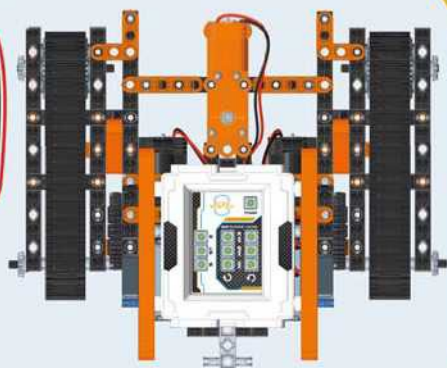
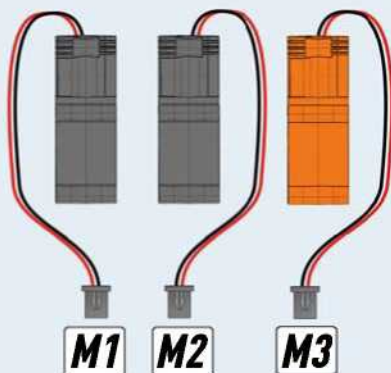


### VEDENÍ KABELŮ

Před připojením k modulu protáhněte vodiče obou černých motorů pod oranžovými tyčemi s 13 otvory, jak je znázorněno na obrázku.

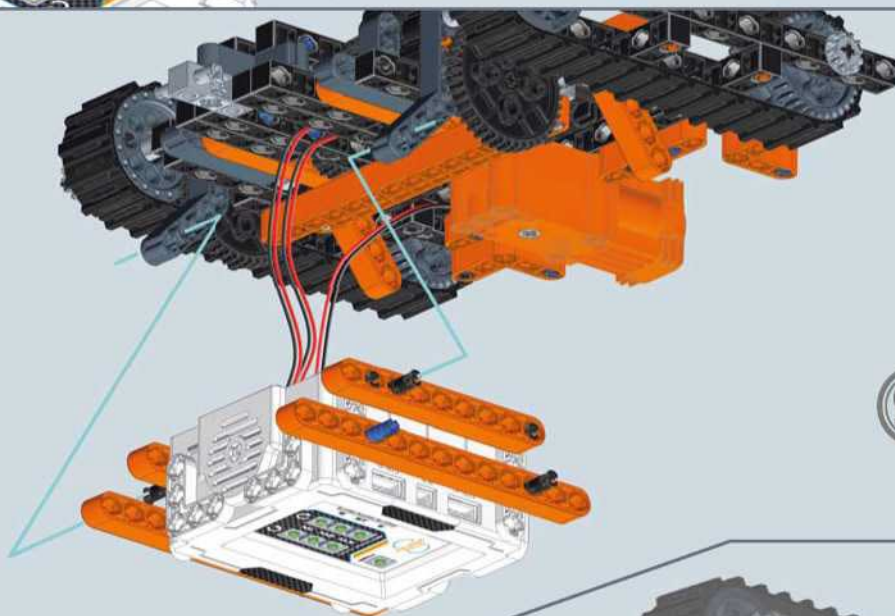
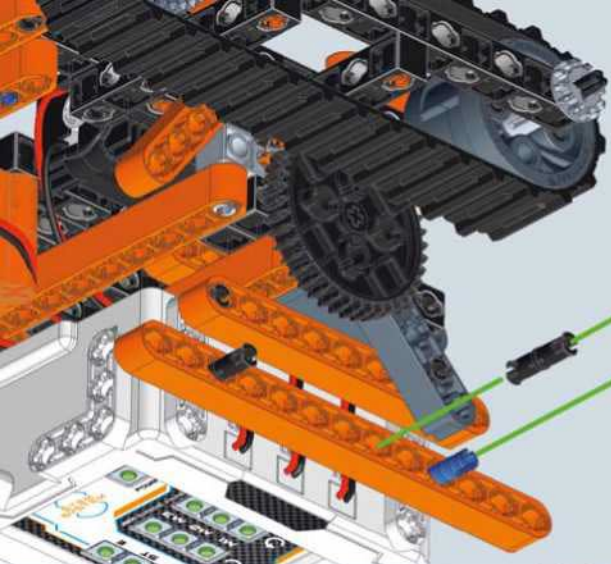
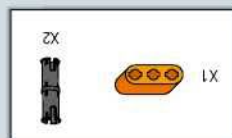
### PŘIPOJENÍ MOTORŮ PRO CENTRÁLNÍ MODUL CENTRALNEGO

Umístěte model podle obrázku a připojte motor vlevo k portu M1 a motor vpravo k portu M2. Nakonec připojte oranžový motor k portu M3.



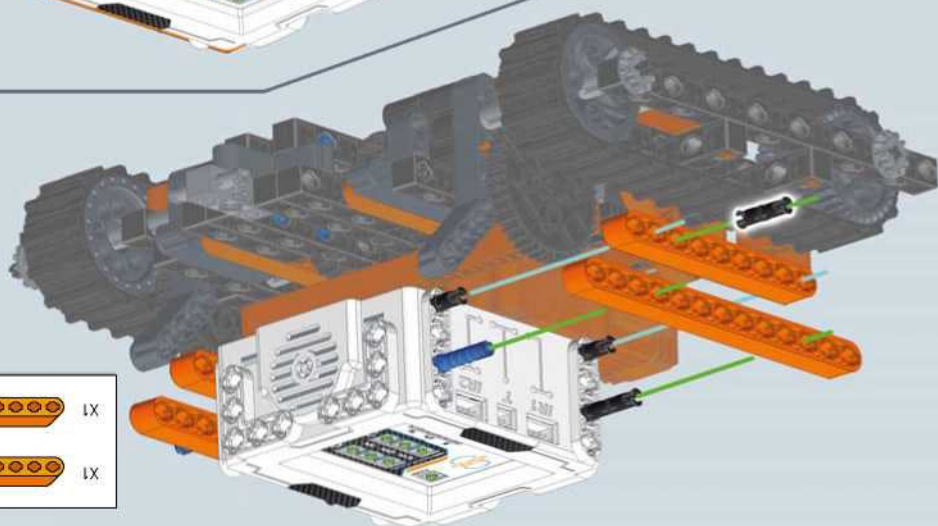
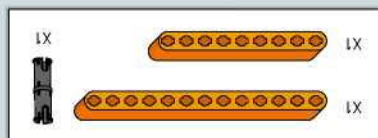
33

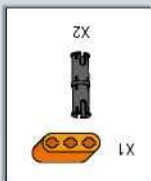
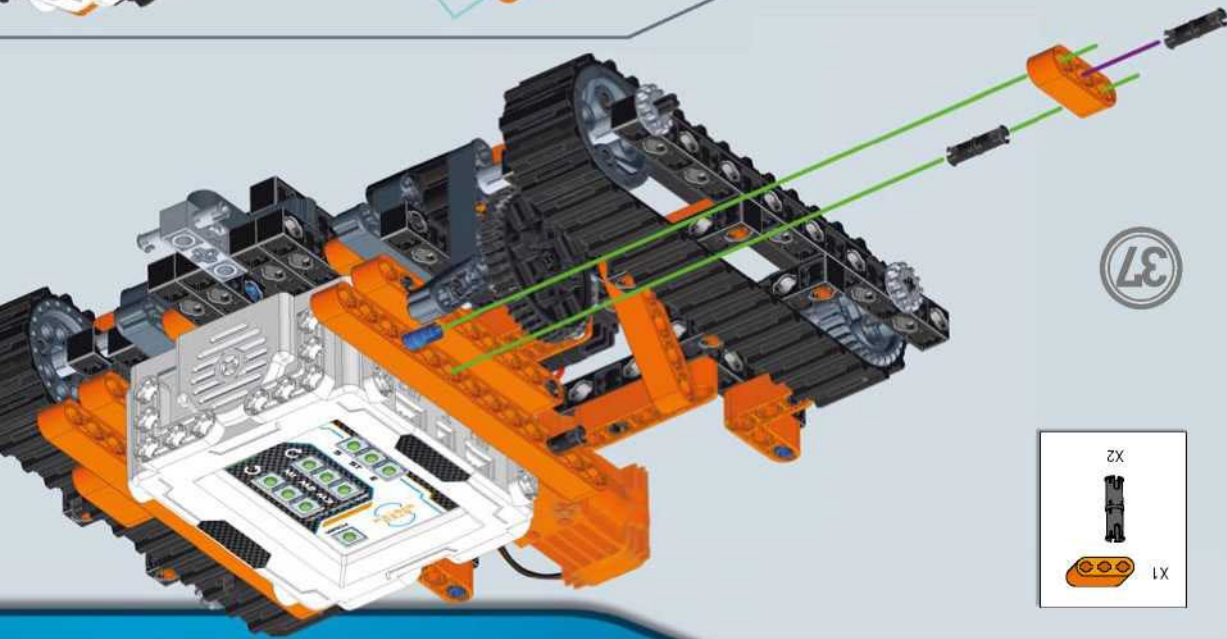
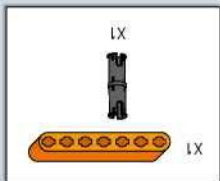
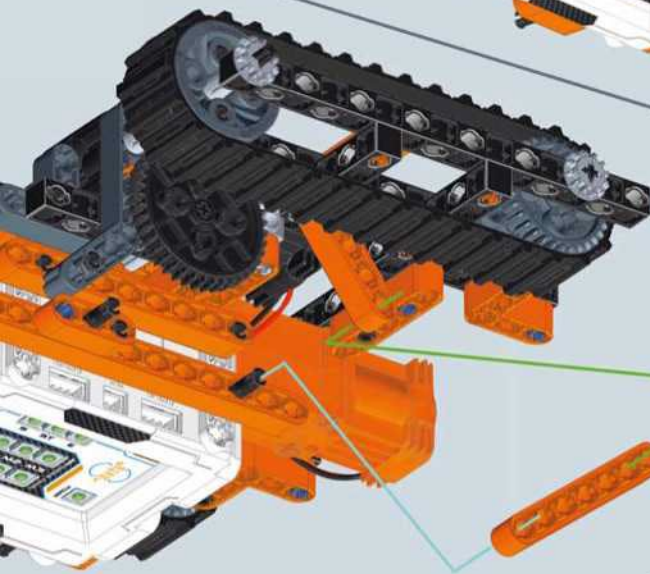
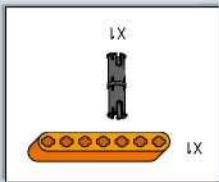
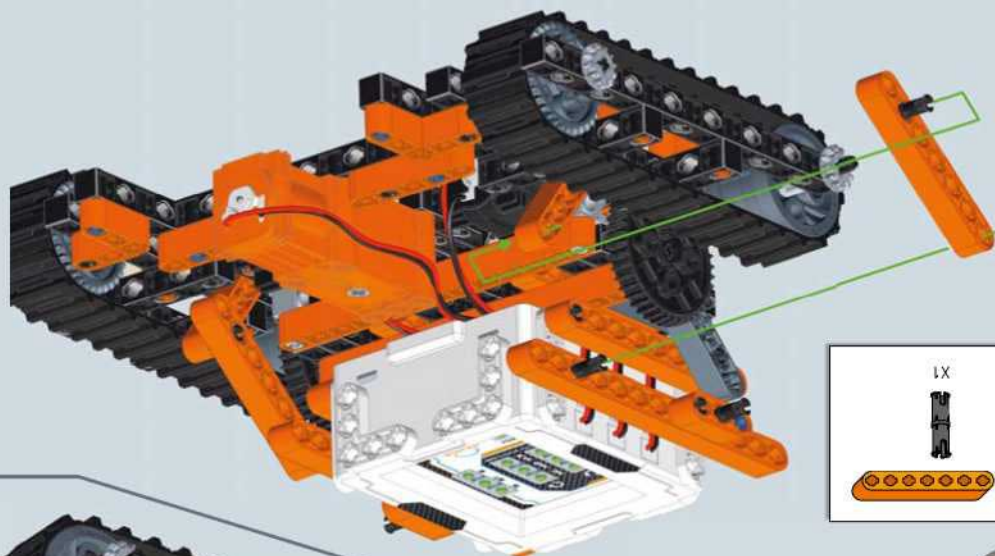
36

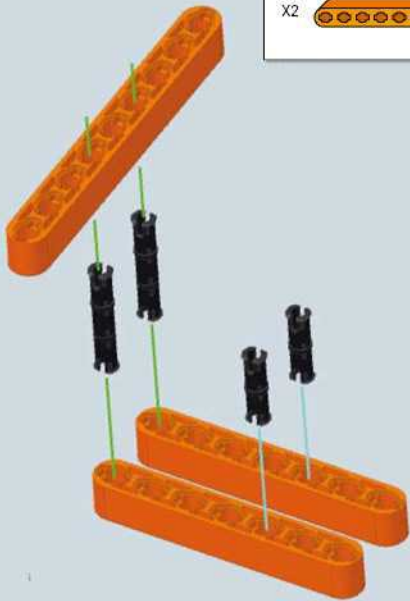
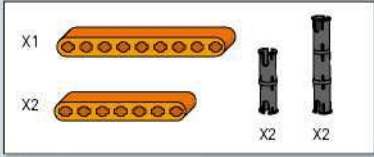


35

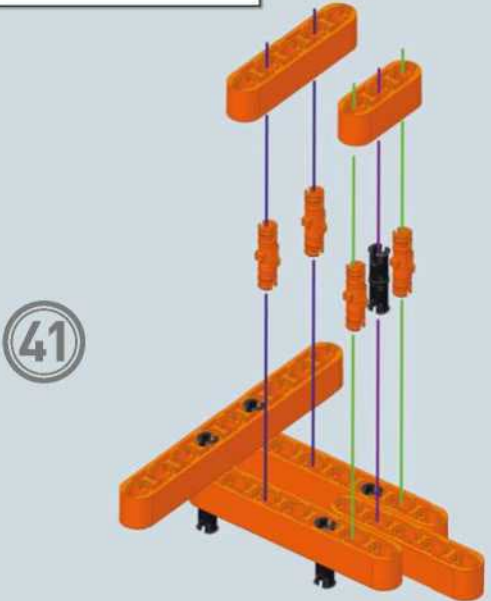
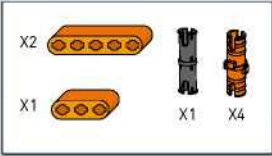
37



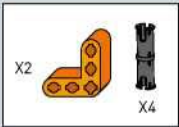




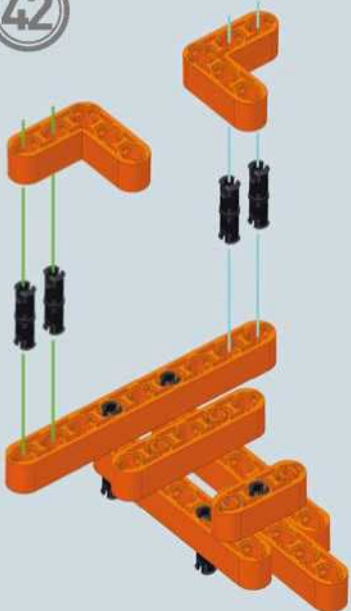
40



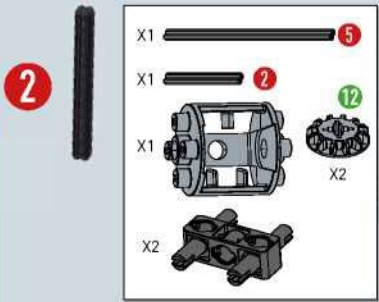
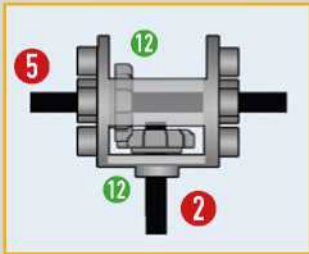
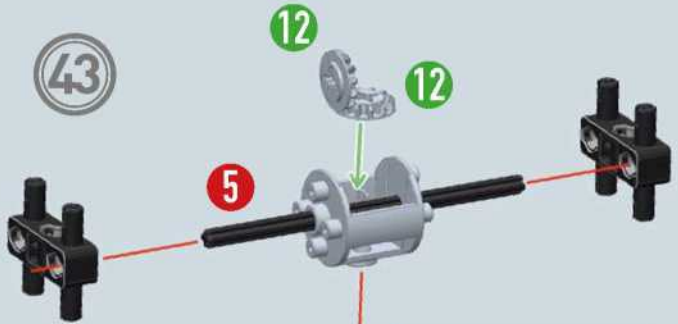
41



42

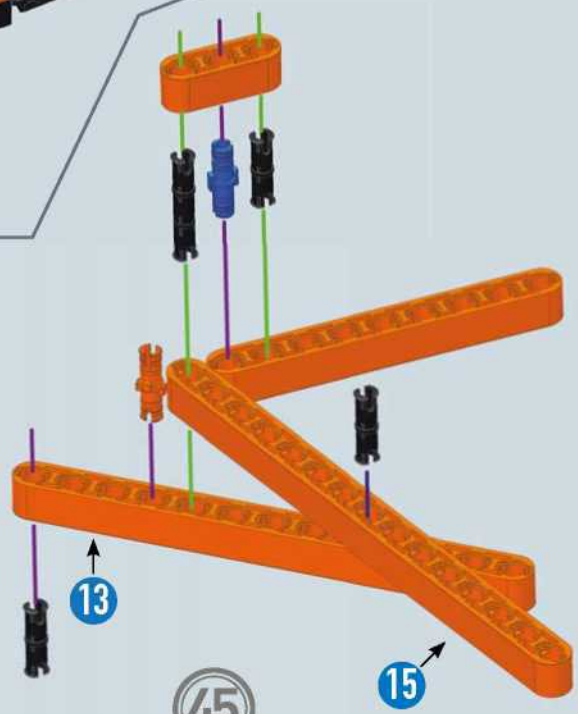
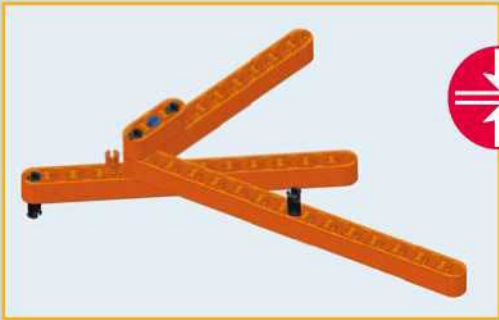
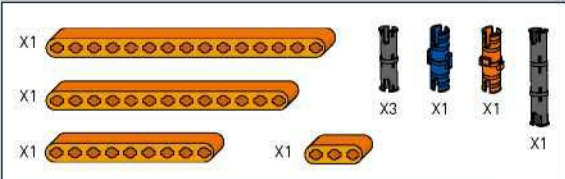
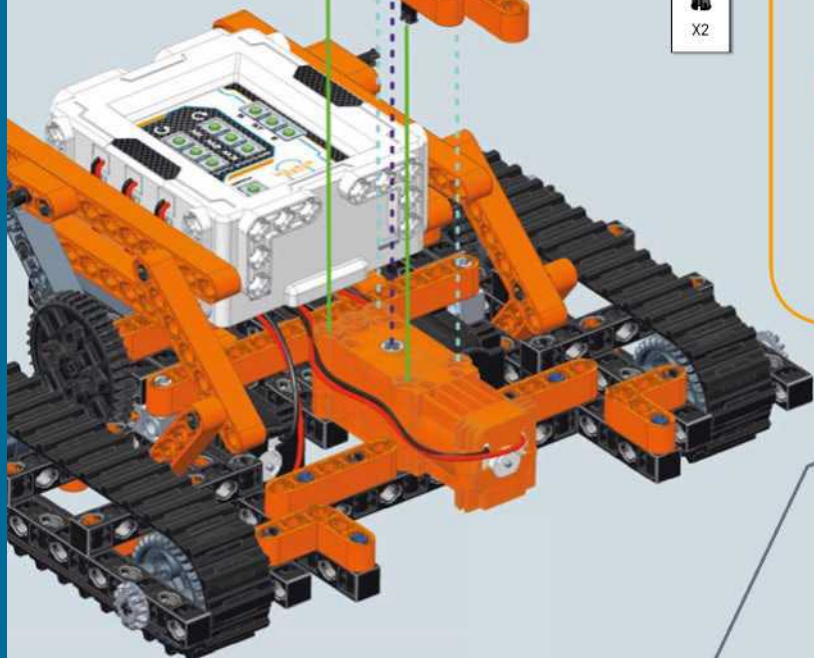
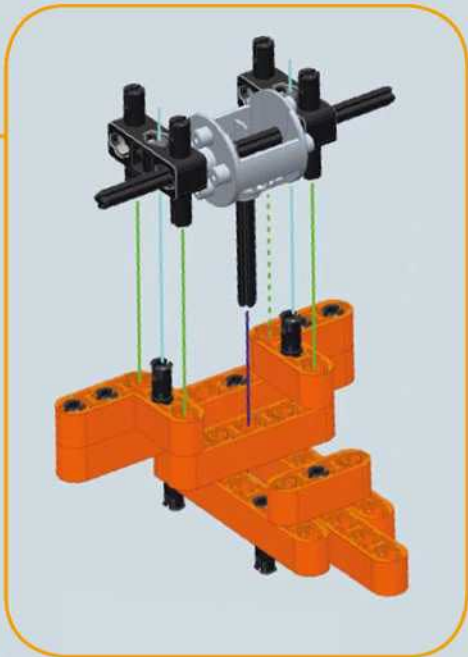
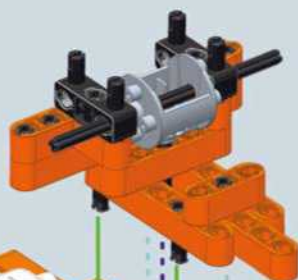


43



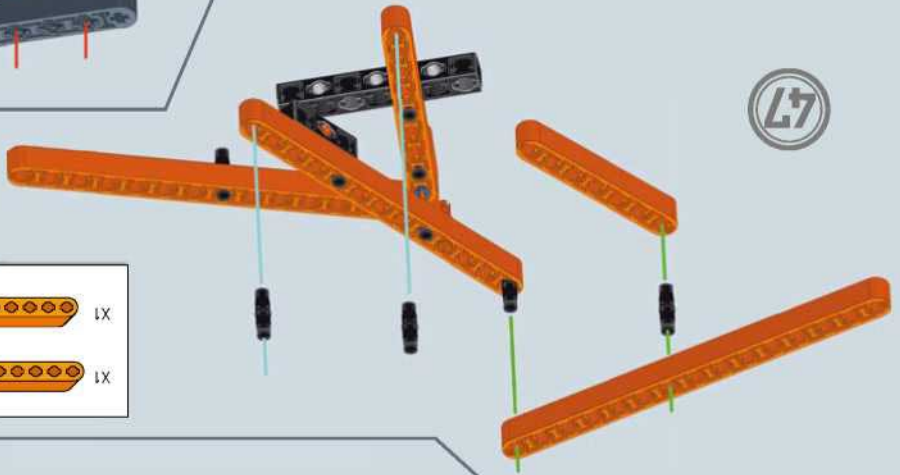
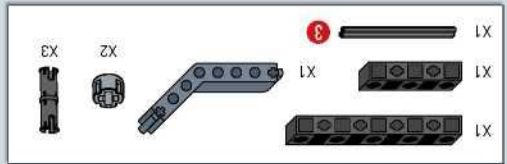


44

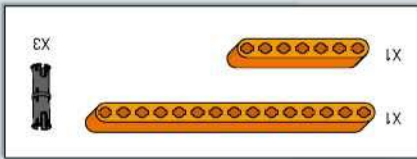




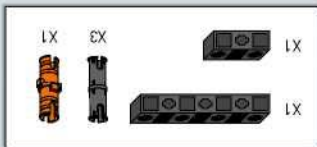
87

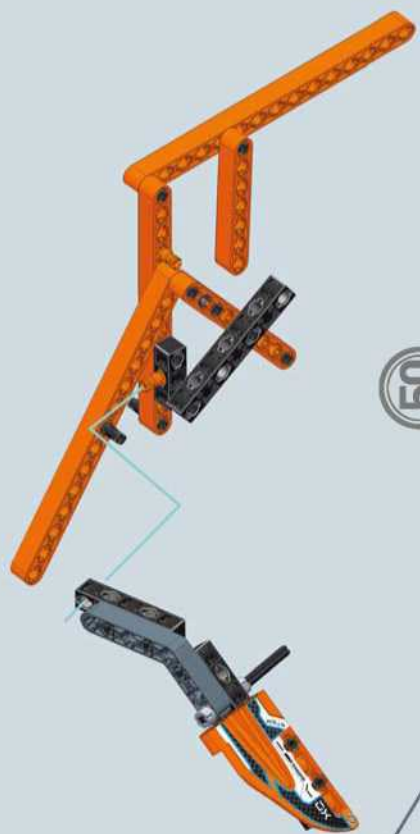


9

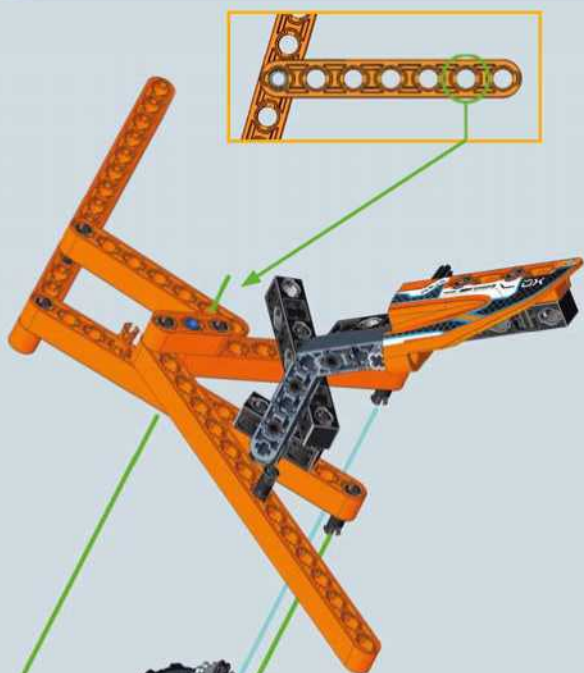


10

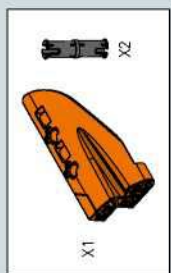




50



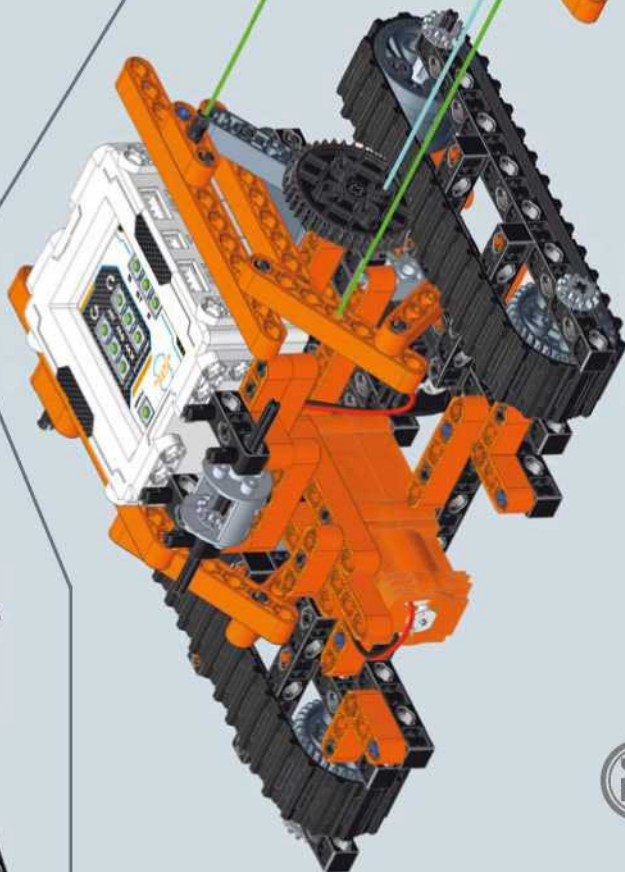
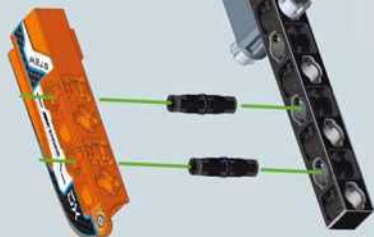
51

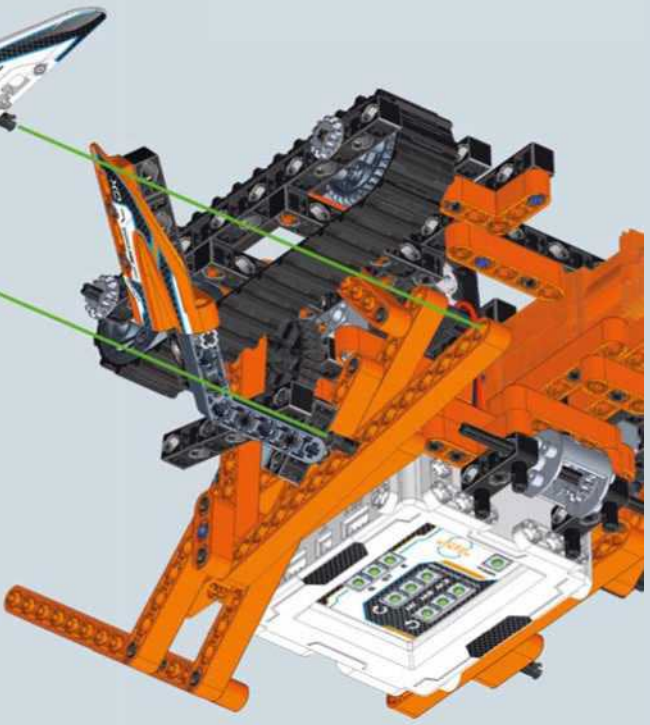
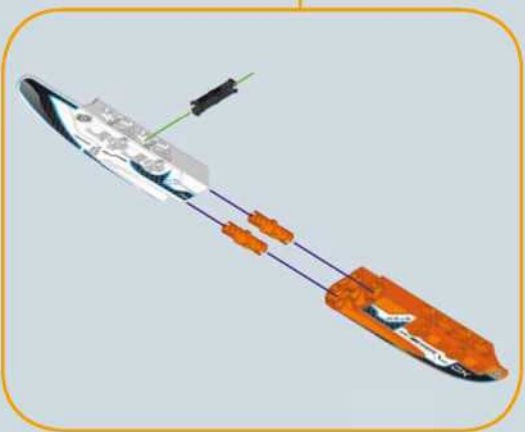
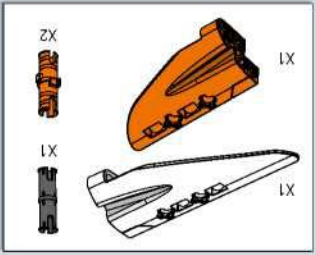
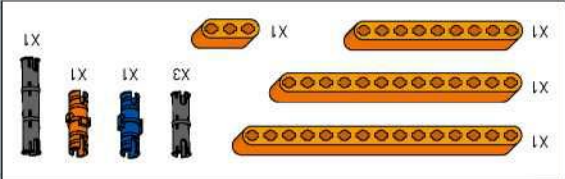
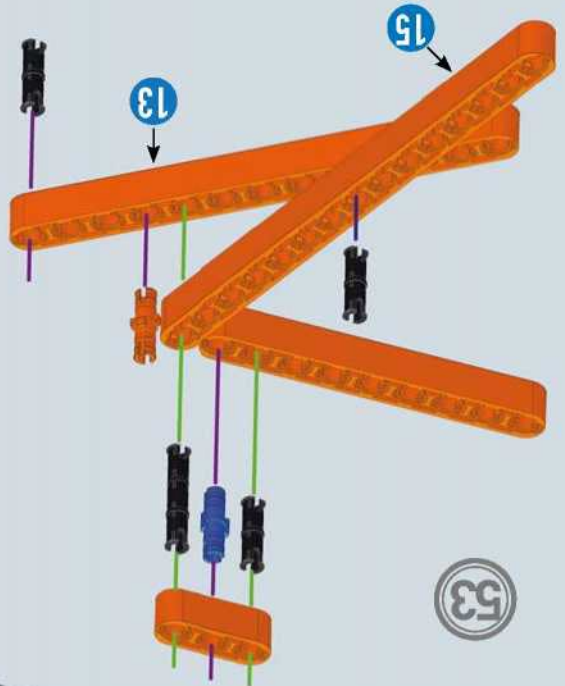


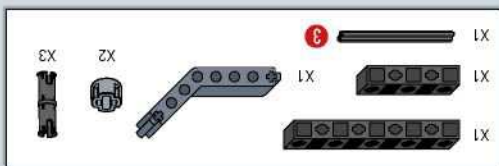
49

X2

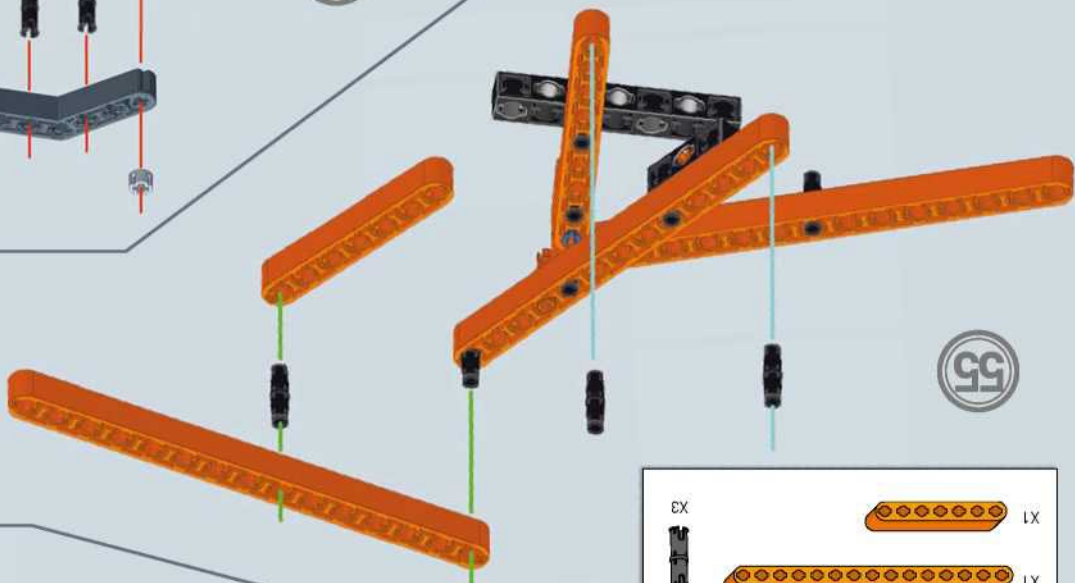
X1



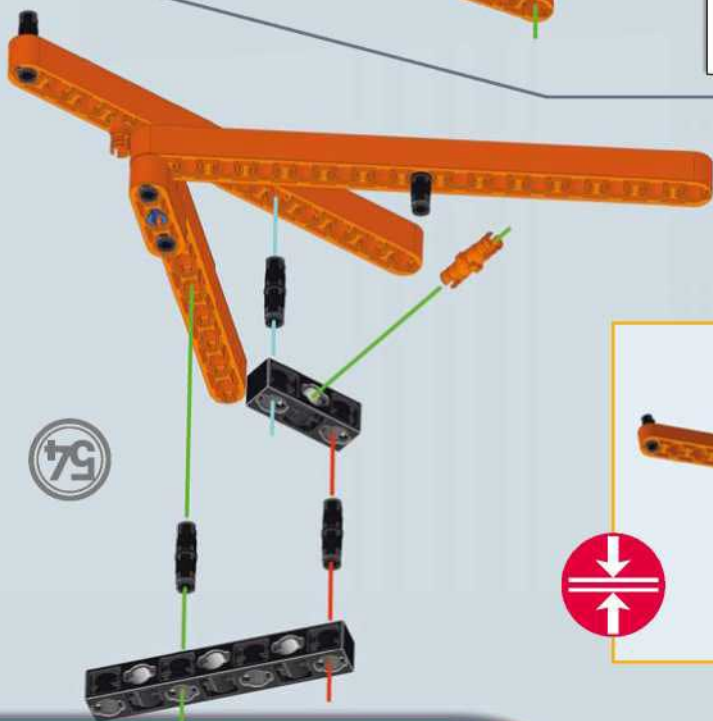
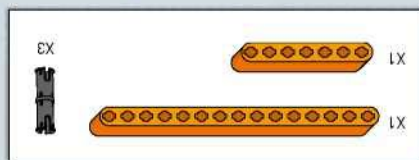




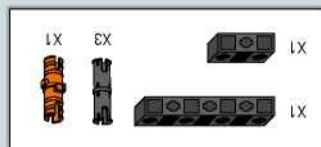
55



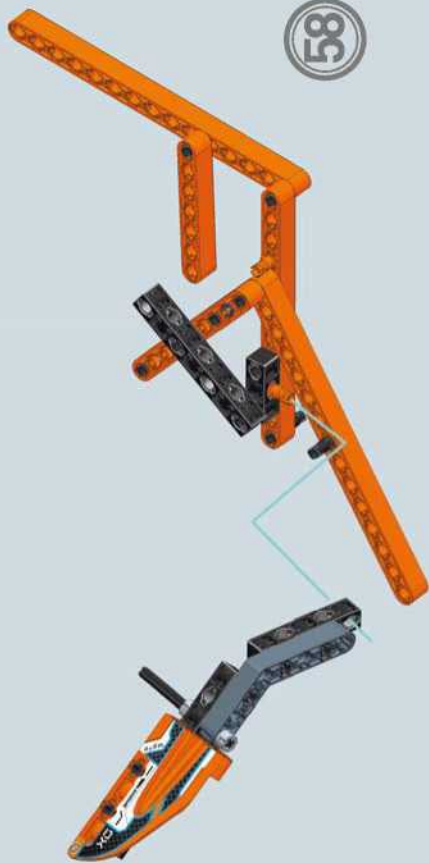
55



54



58



59



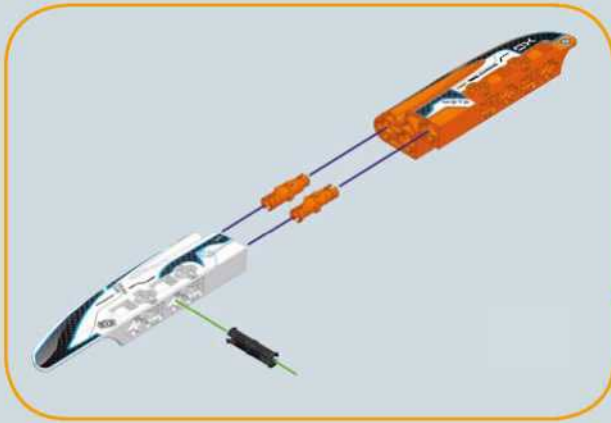
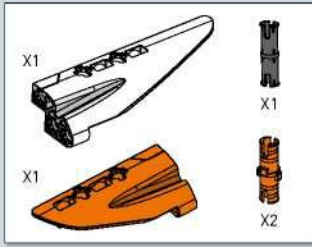
X2



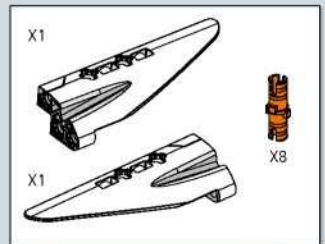
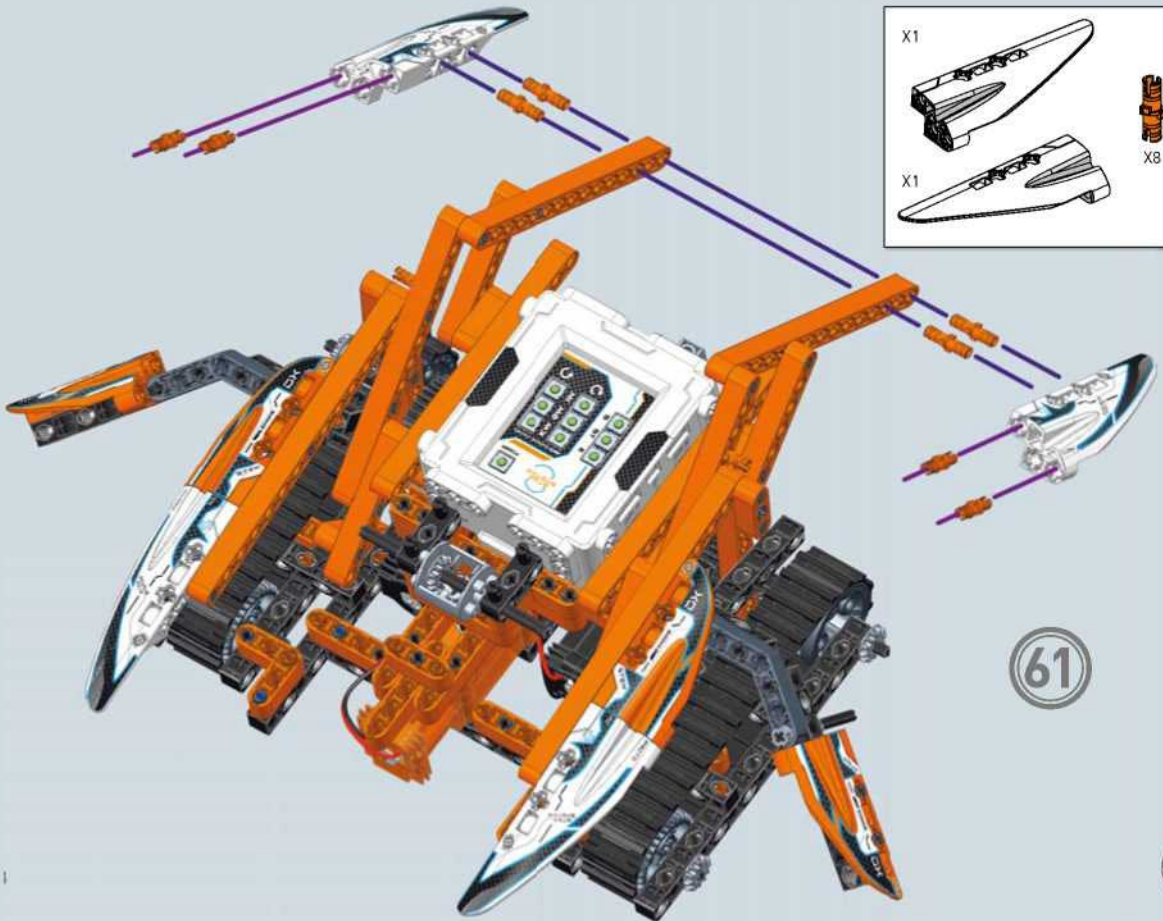
X1

57

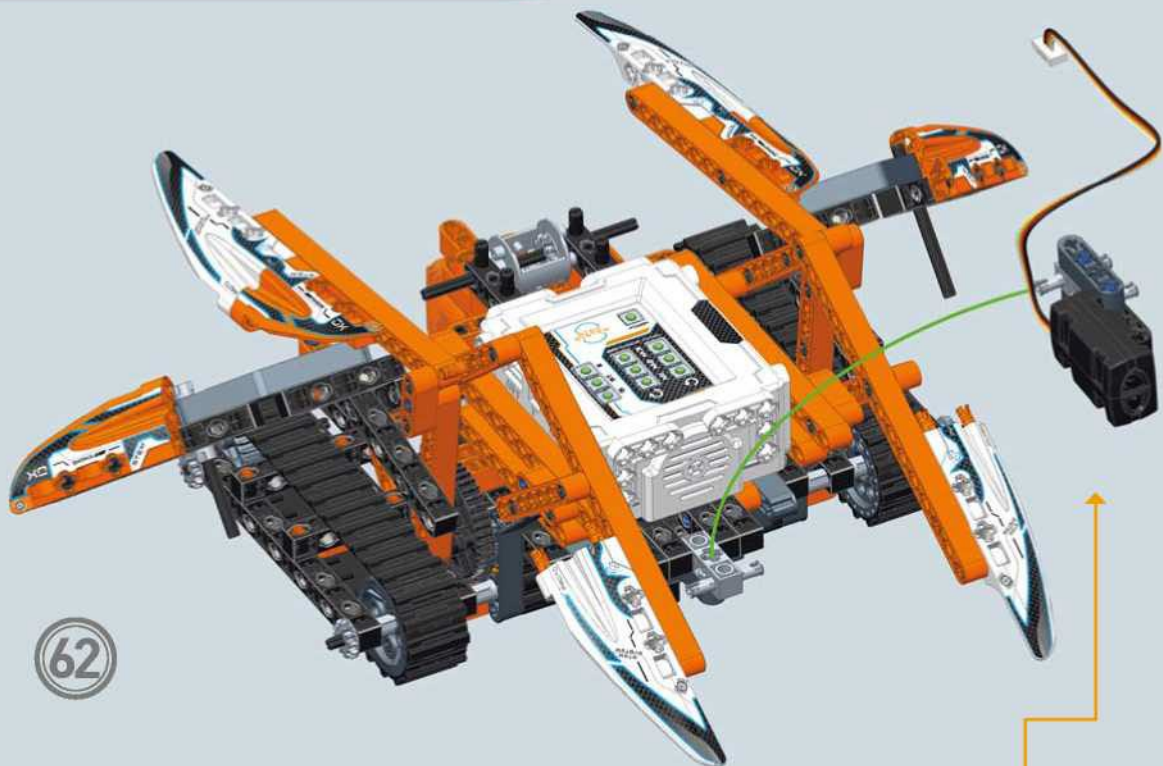




60



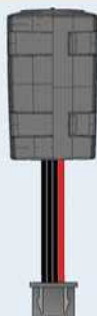
61



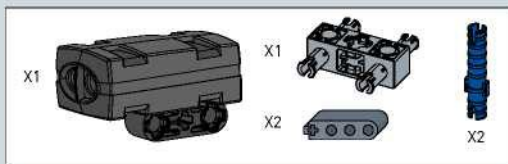
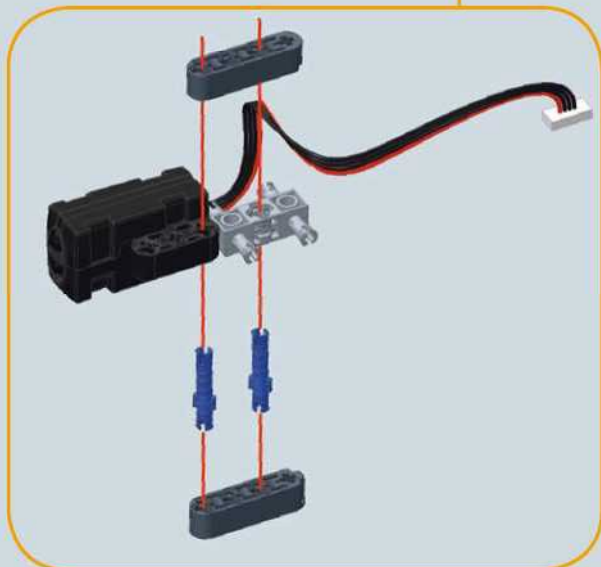
62

**PRIPOJENÍ SENZORU K  
CENTRÁLNÍ JEDNOTCE**

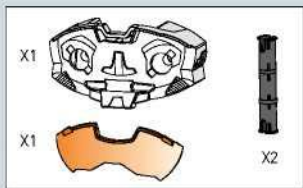
Připojte IR senzor k portu  
IR1 centrální jednotky.



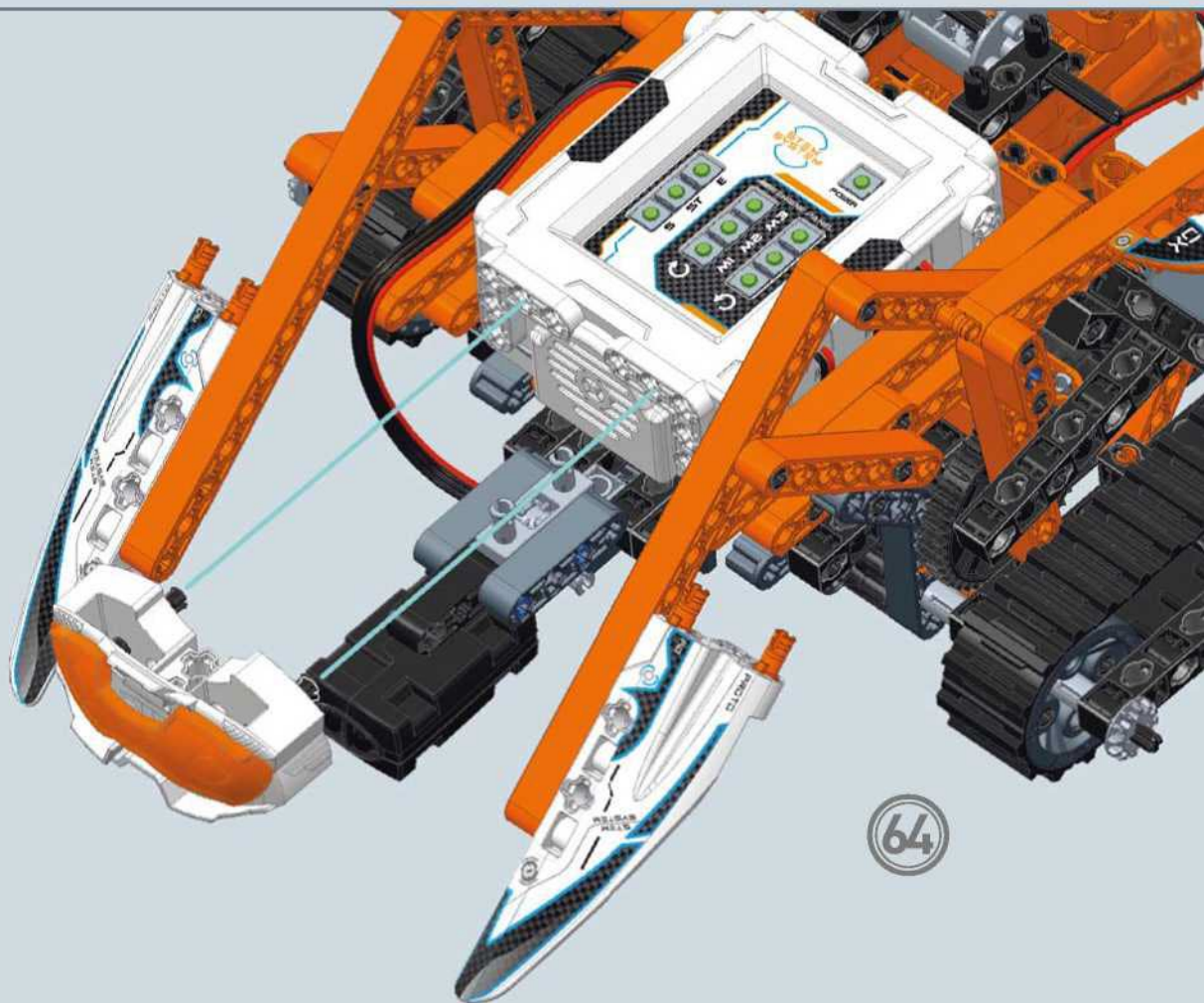
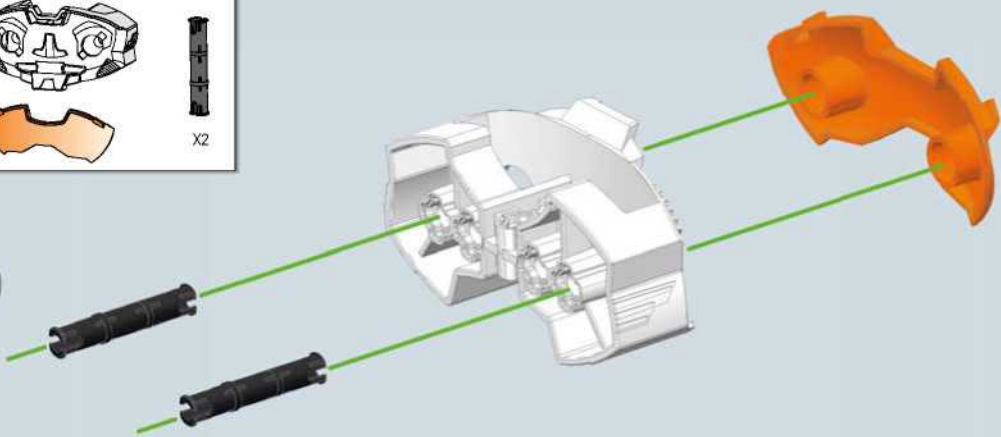
**IR1**





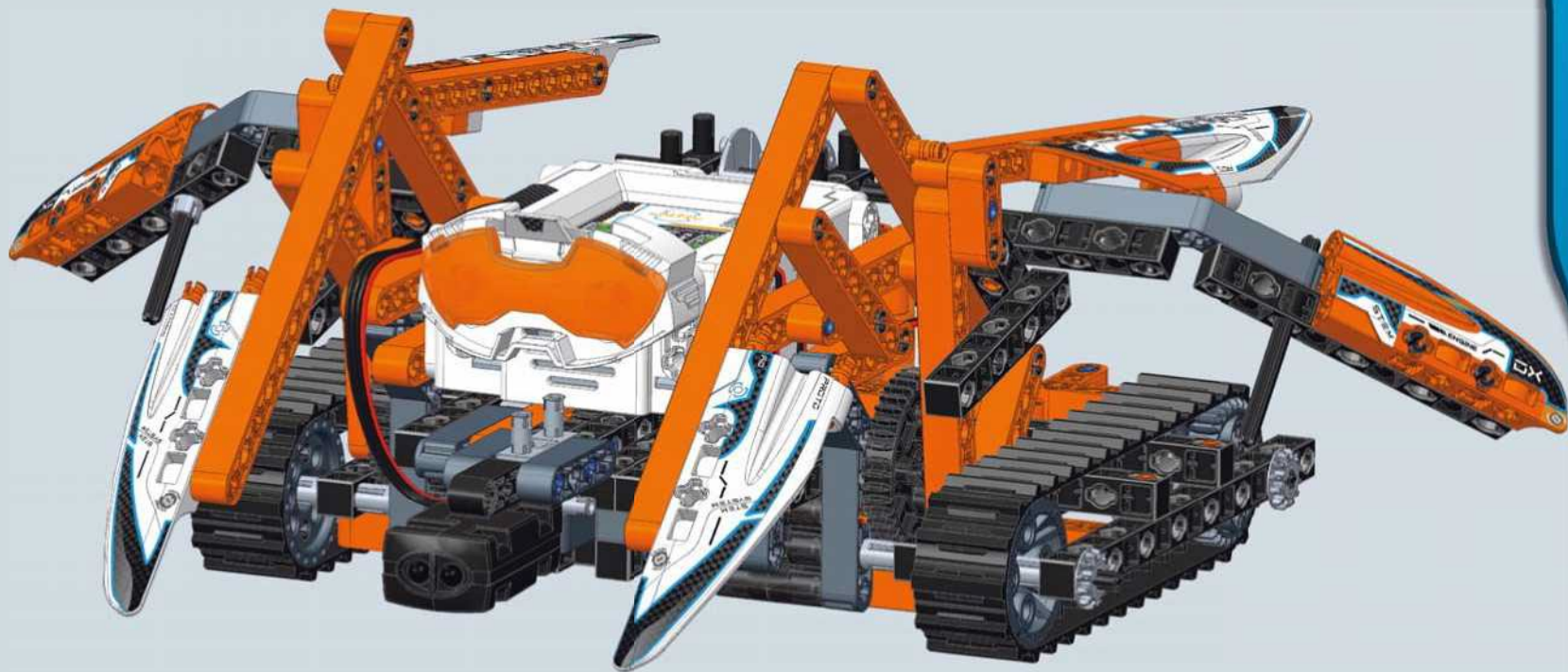


63



64

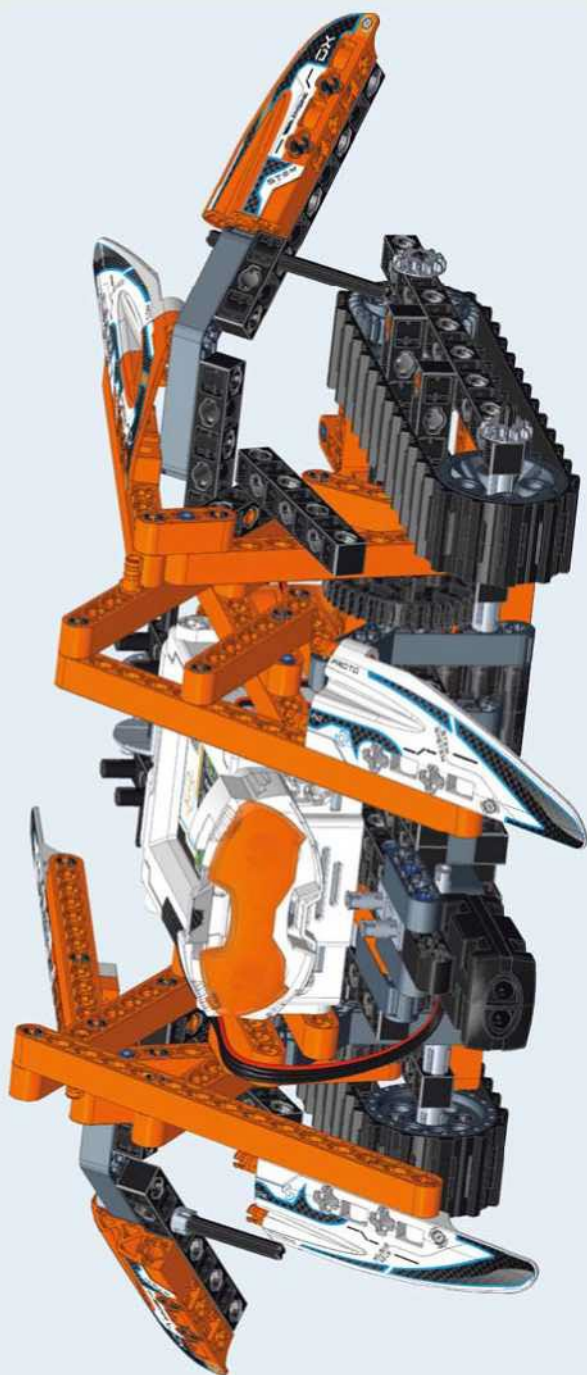
## DOKONČENÝ MODEL



Sledujte oběť!

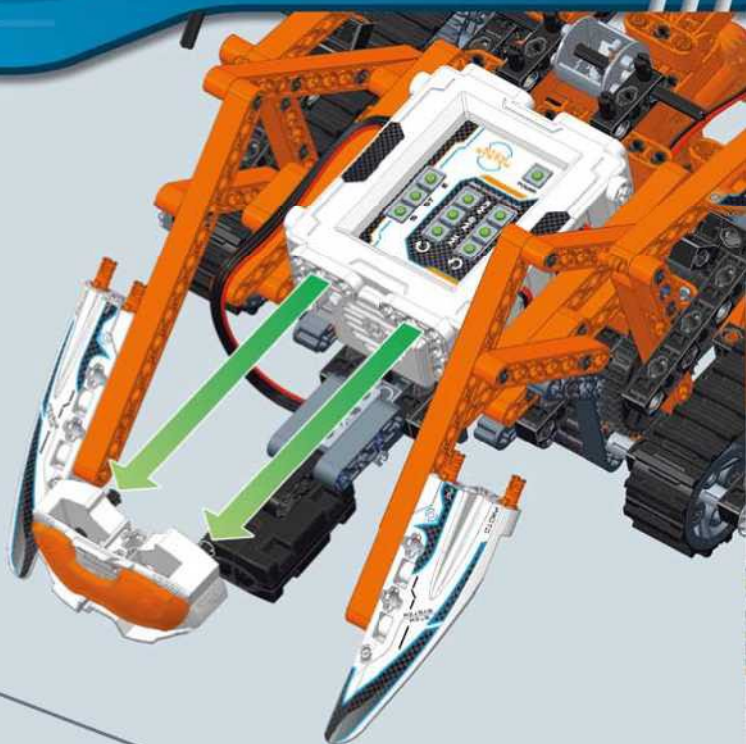
Montáž

S hotovým modelem robota kořisti postavte podle návodu robota dravce.



Sundejte si masku

1

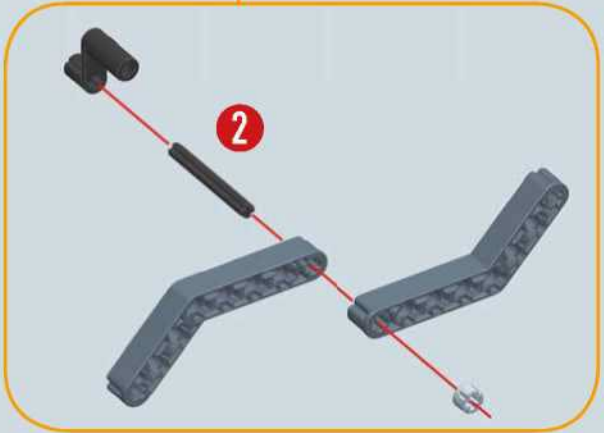
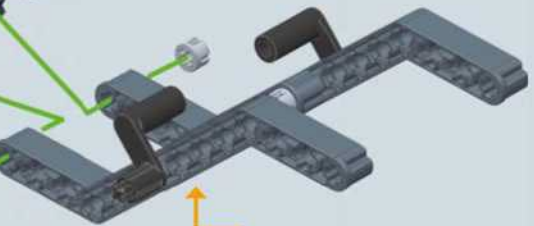
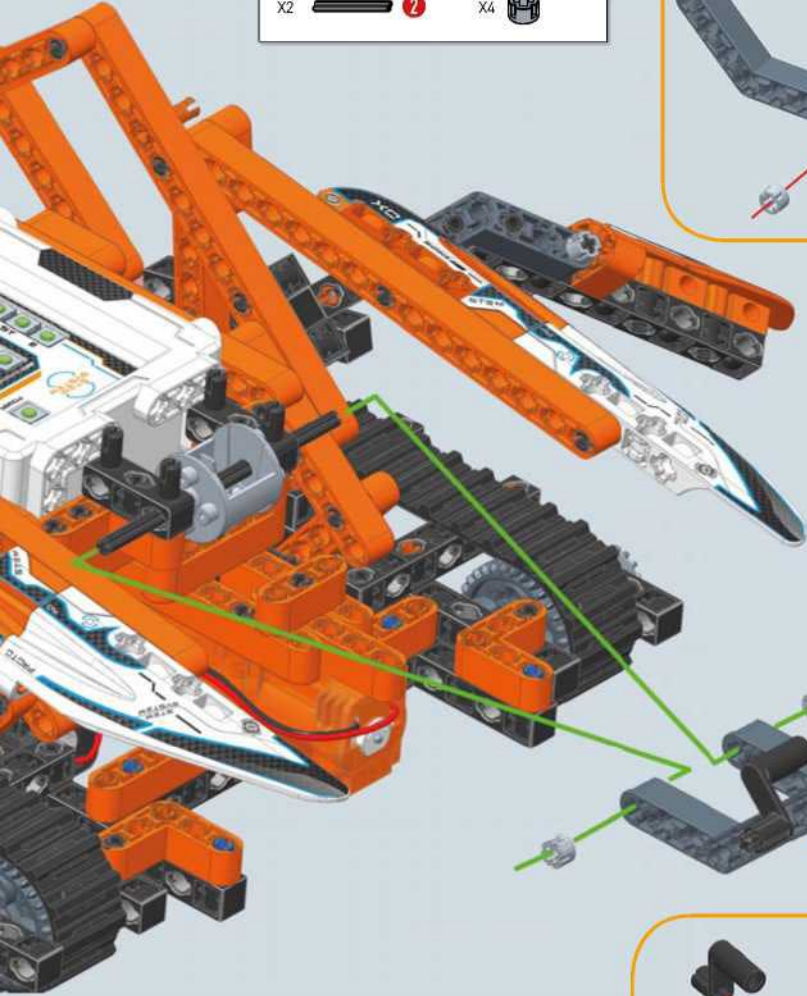
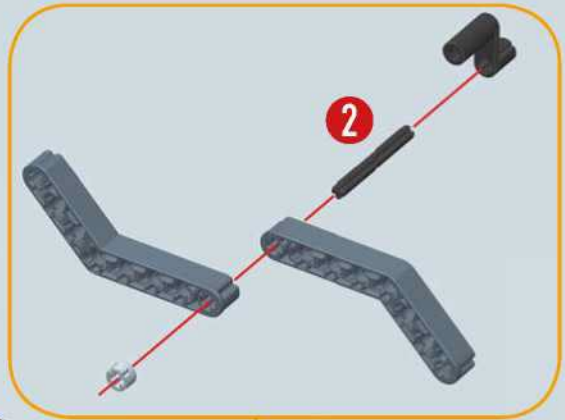
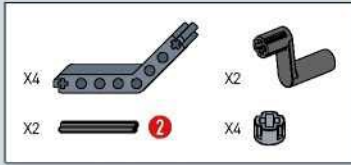


2

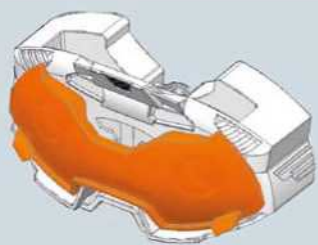


Vyjměte celý blok  
snímačů

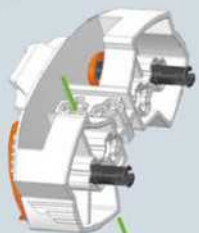
3



1:1



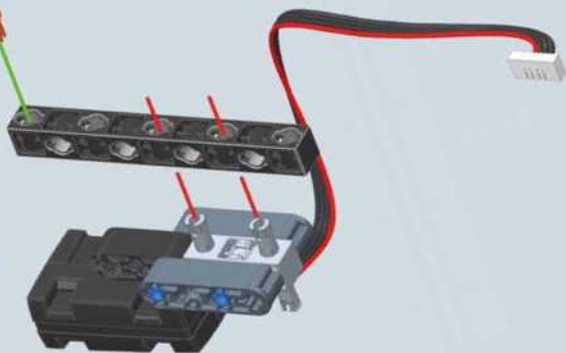
Změňte orientaci hledi na masce.



X1



X1



4

5

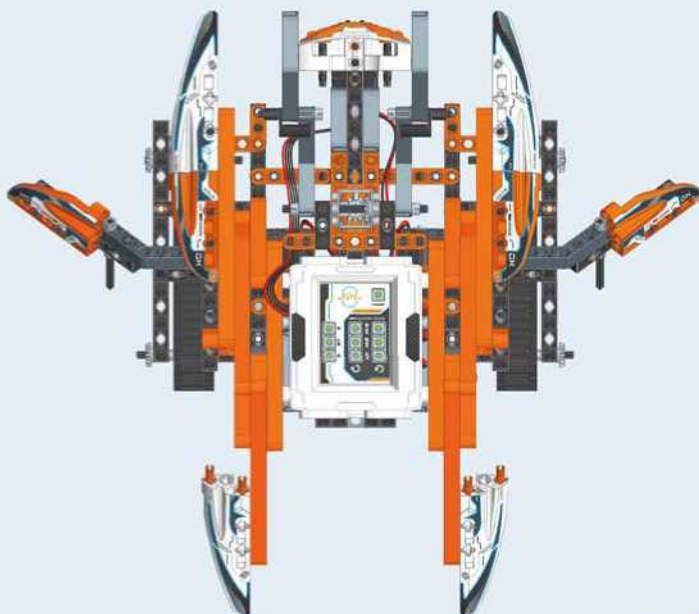


## PŘIPOJENÍ SENZORU K CENTRÁLNÍ JEDNOTCE

Připojte IR senzor k portu IR1 centrální jednotky.



**IR1**



## DOKONČENÝ MODEL

