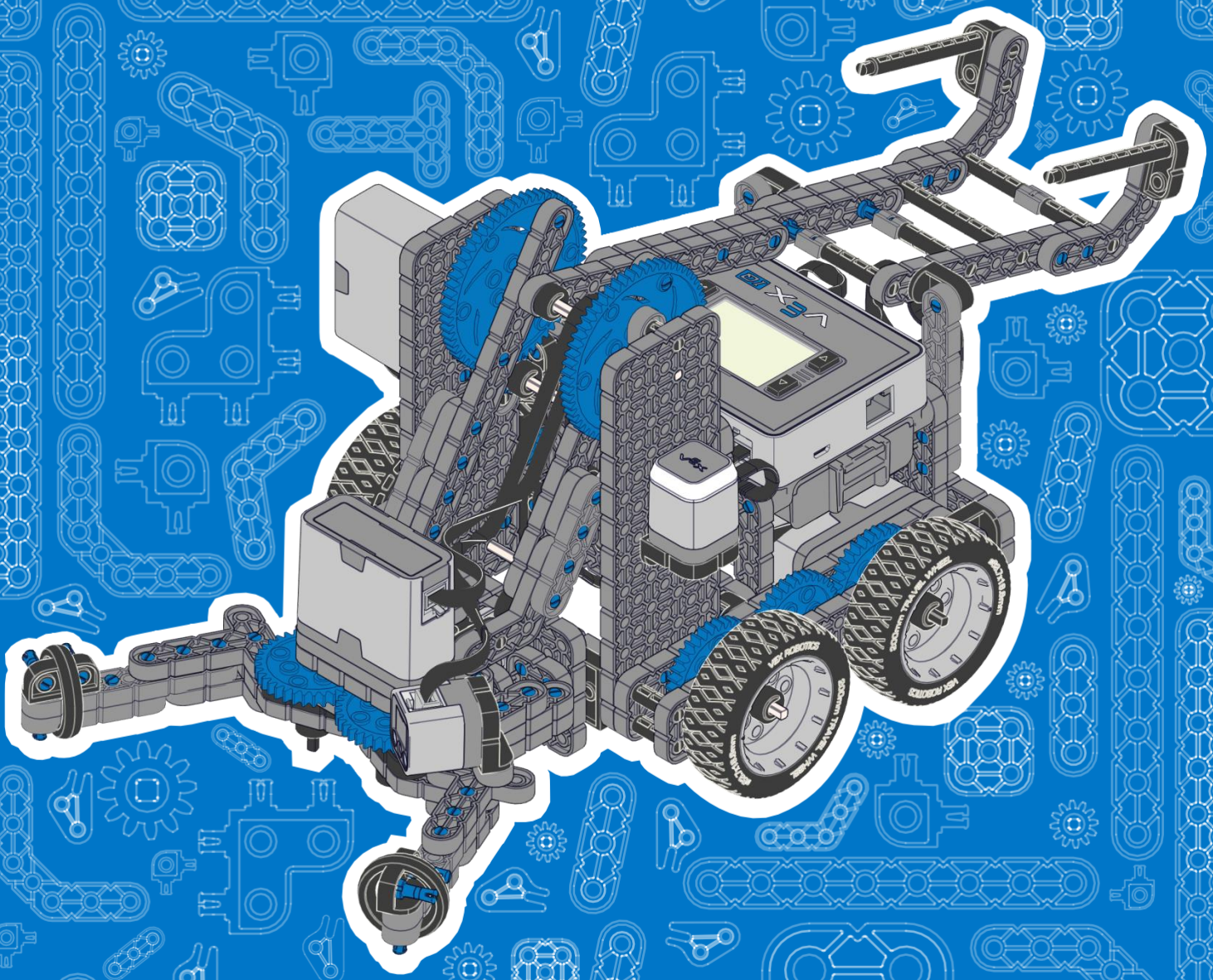
VEX IQ

Instalační pokyny

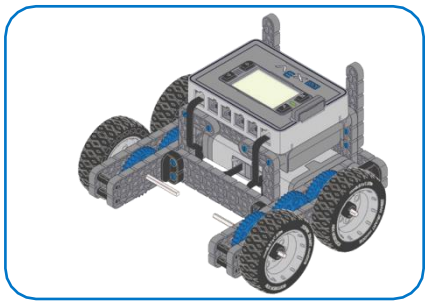


Obsahuje plány pro všechny čtyři roboty

Obsah

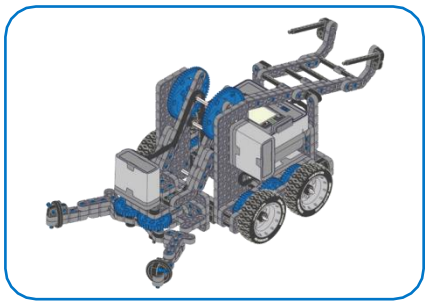
i Tipy k instalaci VEX IQ 3

1 Standardní základna pohonu 4



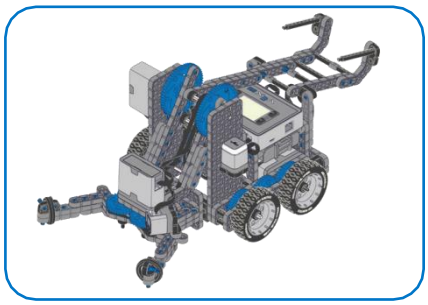
Instalační kroky 1-19

2 10Clawbot IQ



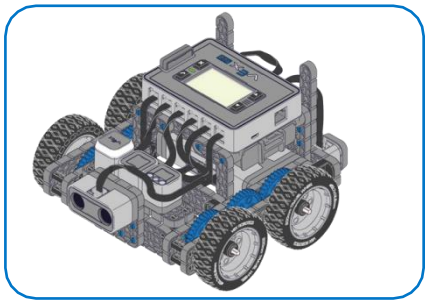
Instalační kroky 20-87

3 Clawbot IQ se snímači 28



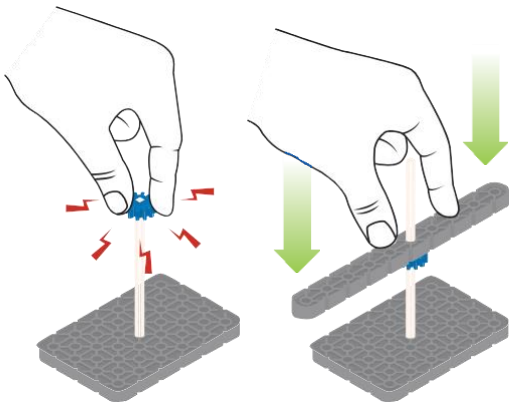
Instalační kroky 88-101

4 Pokyny k robotu Autopilot 32

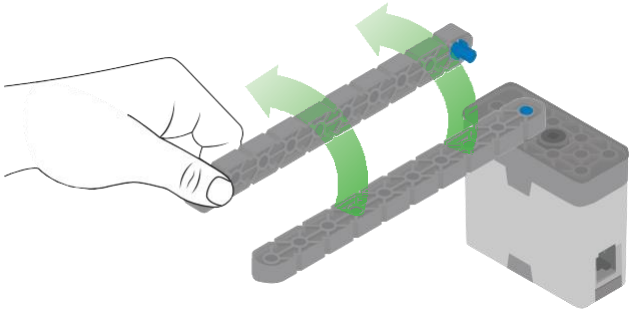


Instalační kroky 102-117

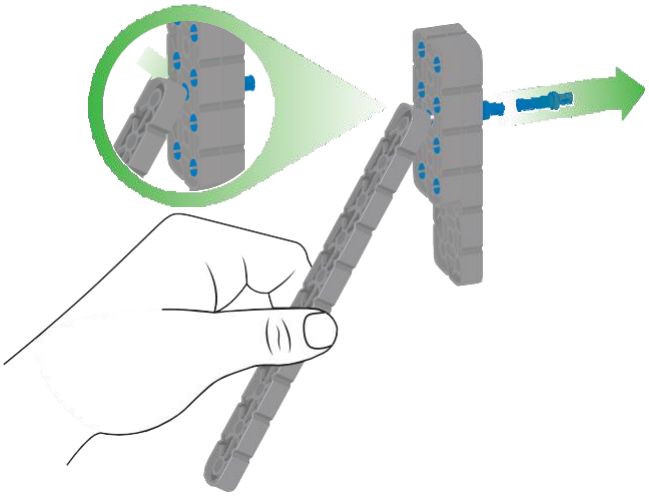
Tipy k instalaci VEX IQ:



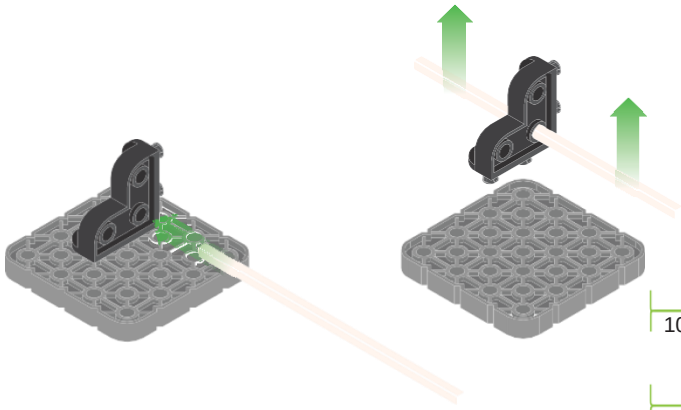
Použijte 1 nosník pro další zvýšení při montáži malých prvků VEX IQ na hřídele.



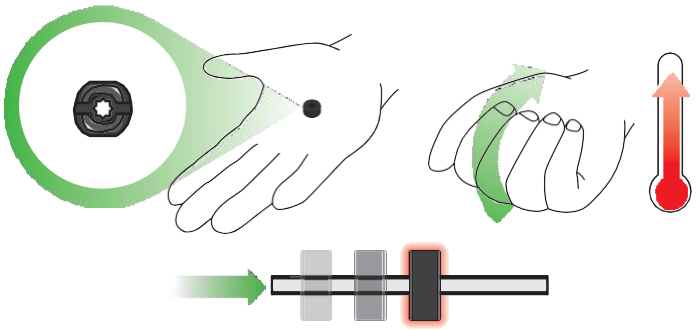
Spojovací kolíky mohou být hladce odstraněny z inteligentních motorů, snímačů nebo mozku robotu pomocí 1 nosníku. Položte 1 nosník na kolík a otočte nosníkem a současně jej vytahujte ven.



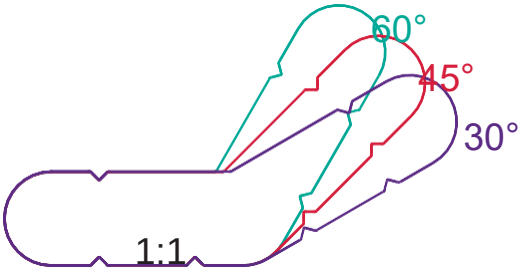
Rychle vyjměte spojovací kolíky přitisknutím nosníku VEX IQ k zadní části kolíku a vytáhněte jej.



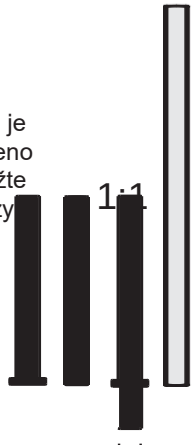
Rohové konektory lze snadno vyjmout tak, že prostrčíte kovovou hřídel jedním z jeho otvorů a konektor vytáhnete ven.



Pryžové objímky hřídele se stávají měkčími a snadněji se instalují, pokud je zahřejete tím, že je podržíte v ruce po dobu 15-30 sekund.



Nejlepší způsob, jak změřit úhlový nosník, je porovnat jej se známými úhly (jak je uvedeno výše). Chcete-li změřit délku hřídele, položte ji podél nosníku VEX IQ a spočítejte zářezy.



1 Standardní základna pohonu

1

Požadované součásti

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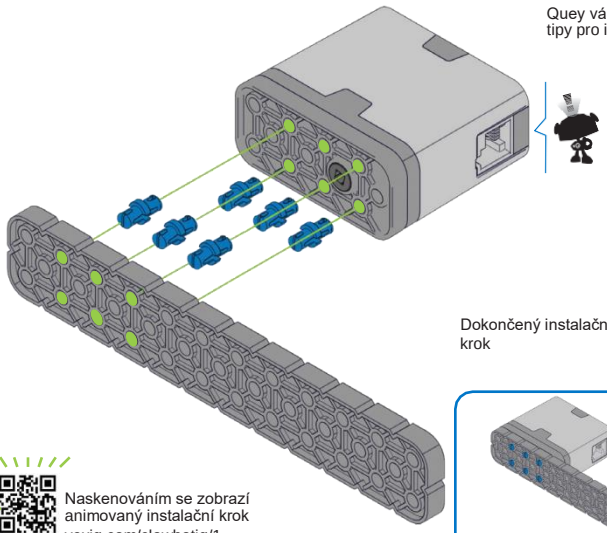
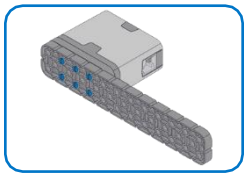


Quey vám poskytne tipy pro instalaci

Dokončený instalační krok



Naskenováním se zobrazí animovaný instalační krok
vexiq.com/clawbotiq/1

2

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1x
228-[illegible]143

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228-2500-120

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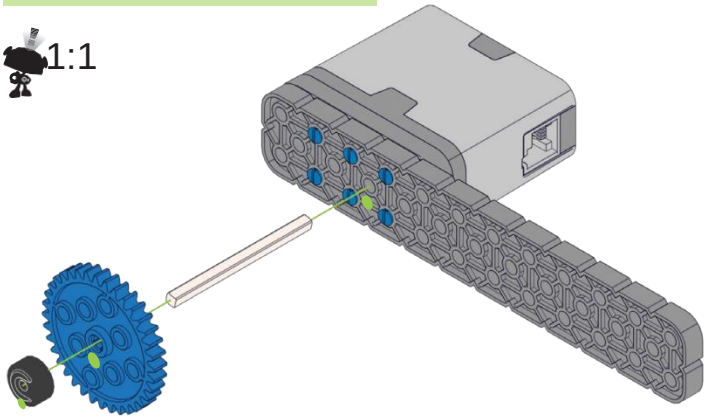

Použijte 1 nosník jako vodítko pro umístění na hřídeli

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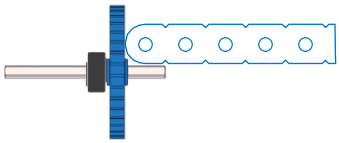

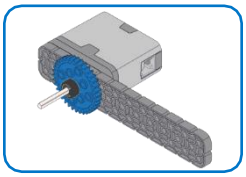

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228-2500-135

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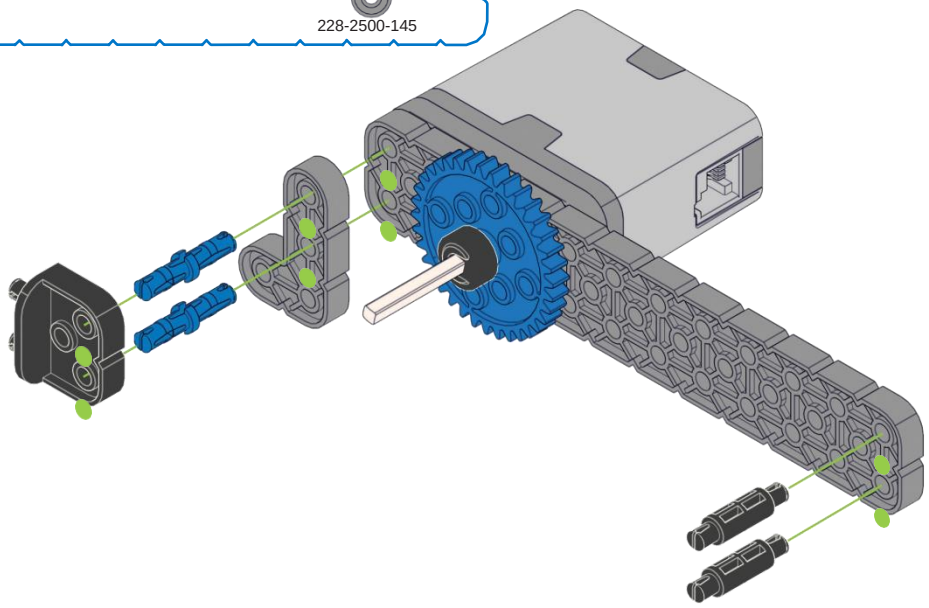

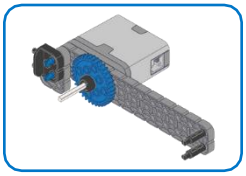

vexiq.com/clawbotiq/3

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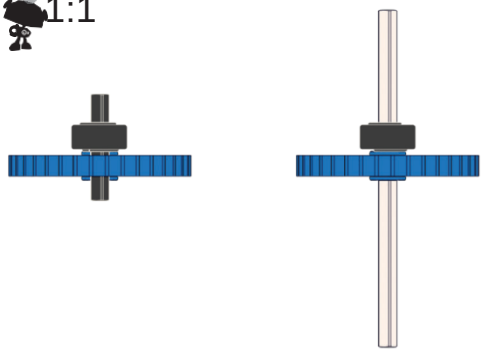
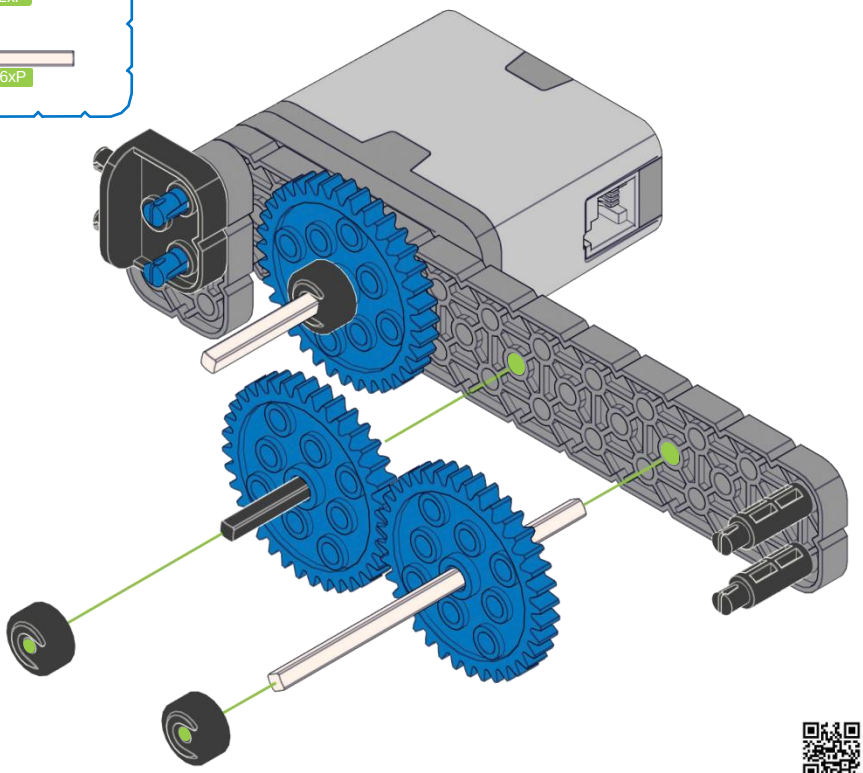
1x
228-2500-074 2xP

1x
228-2500-122 6xP

1:1





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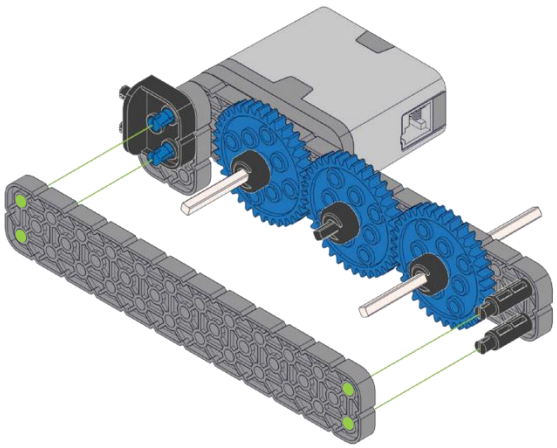

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228-2500-143

2x
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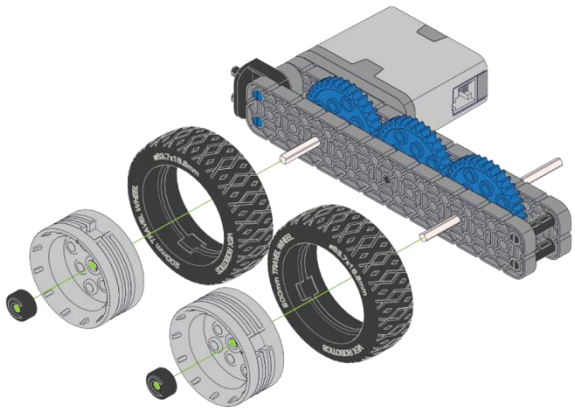

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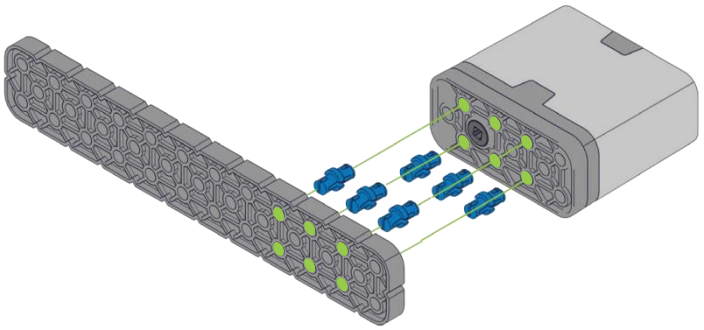

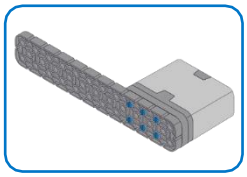

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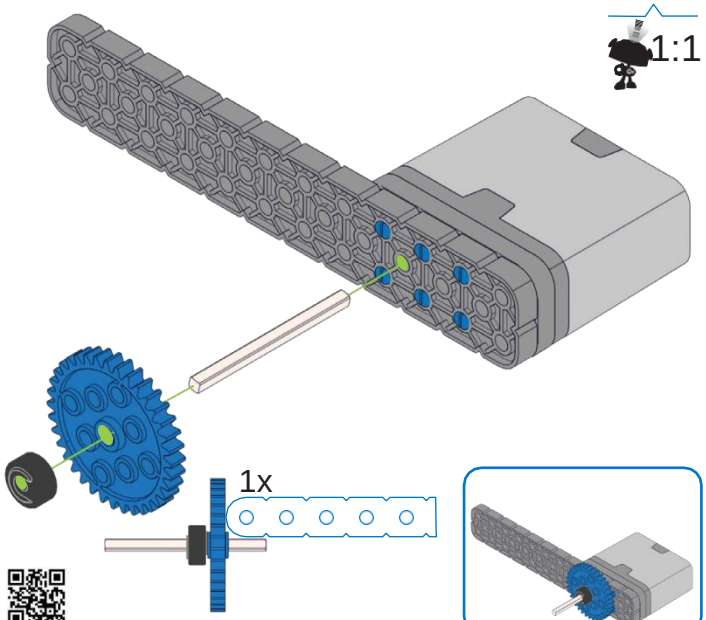
228-2500-143

1x
228-2500-120 4xP

1:1



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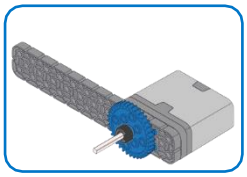

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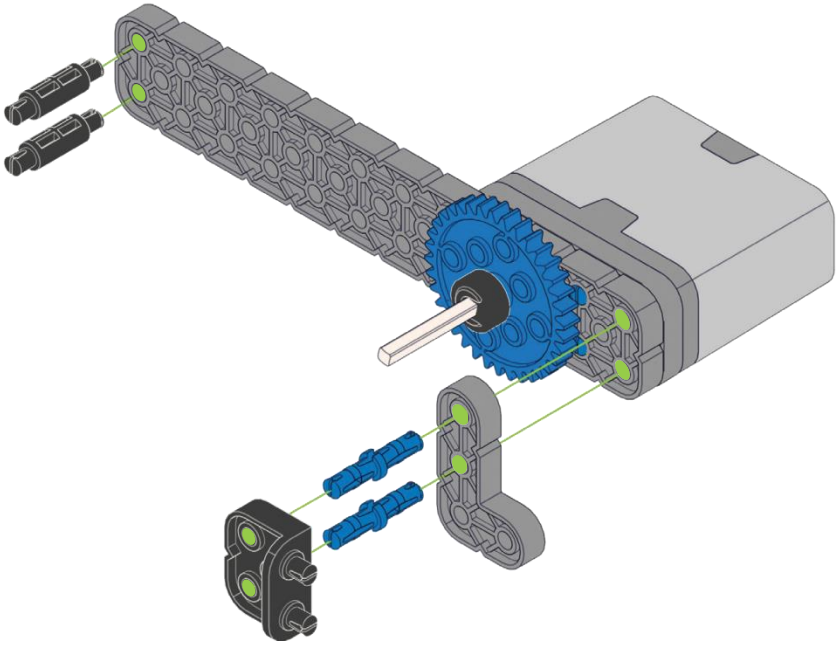

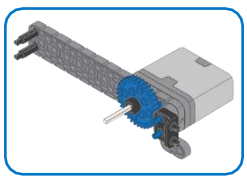

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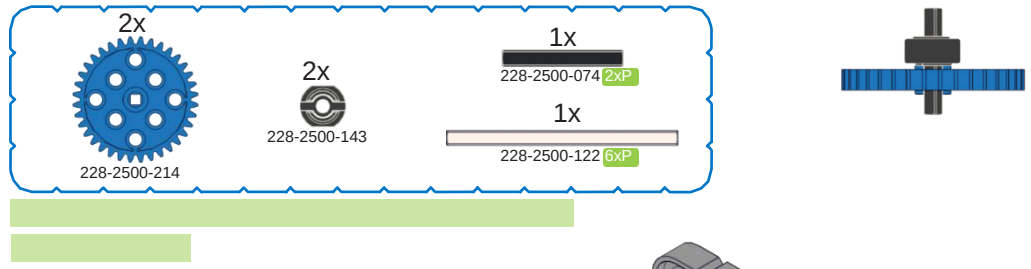

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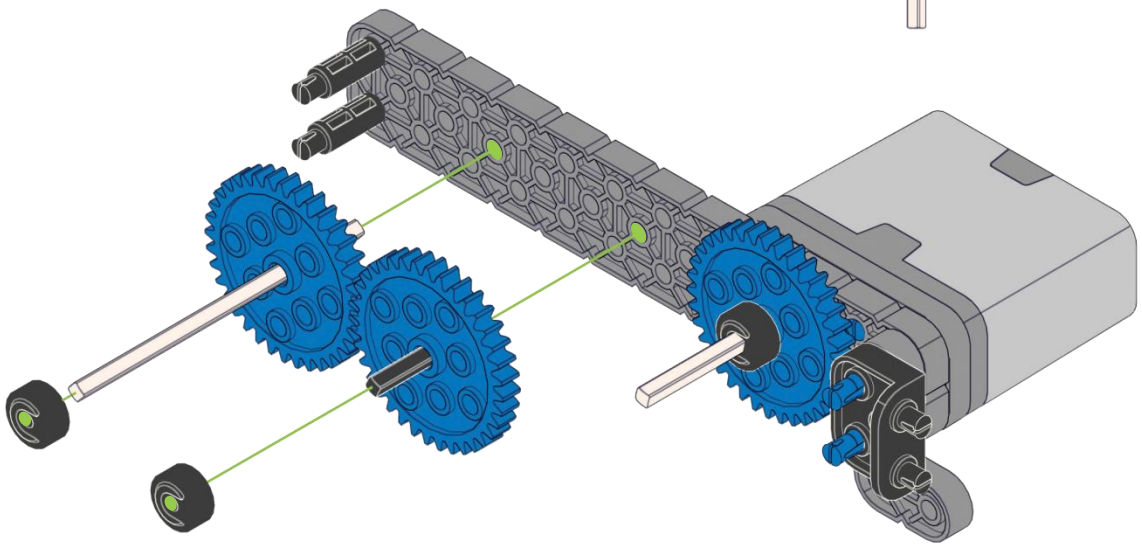

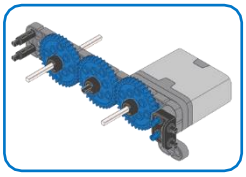

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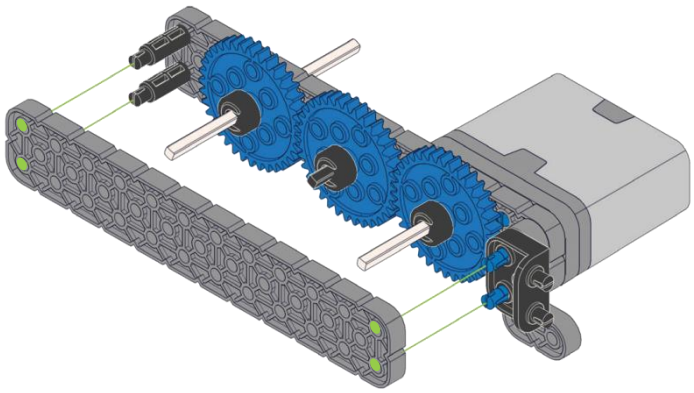

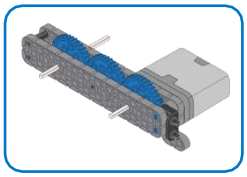

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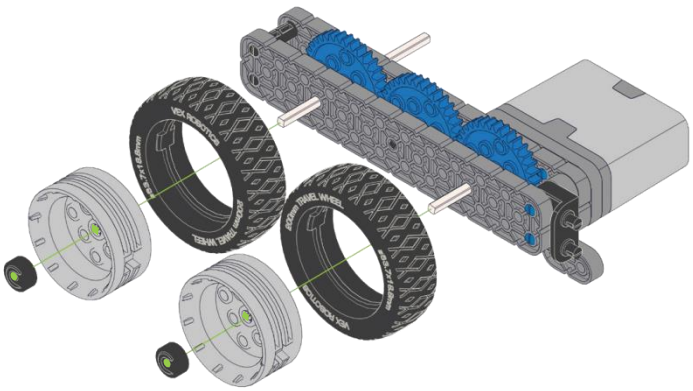

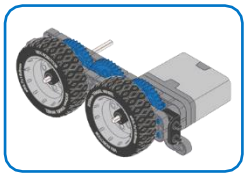

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13

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4x 228-2500-061
2x 228-2500-128
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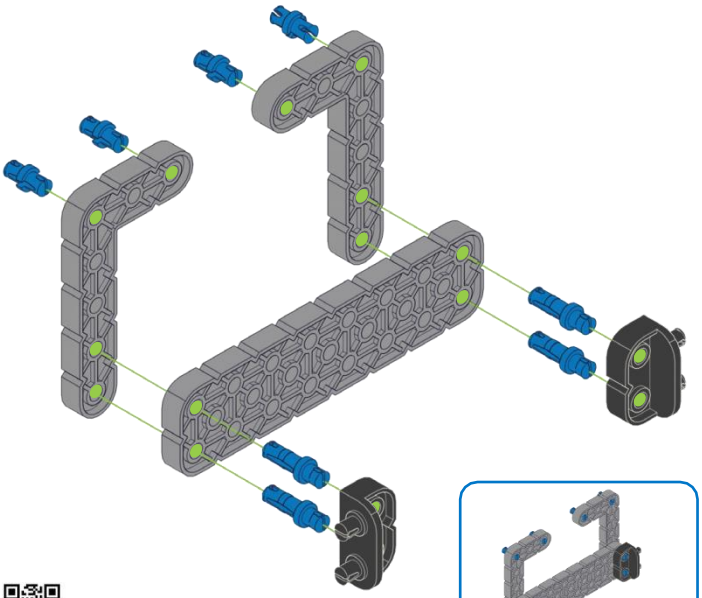

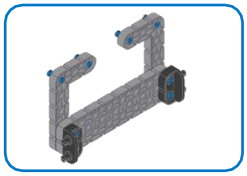

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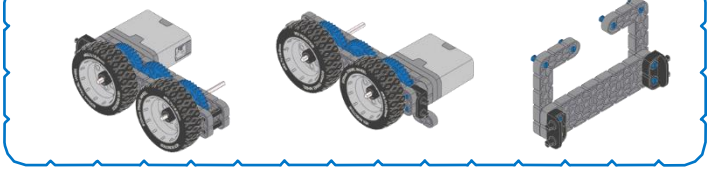
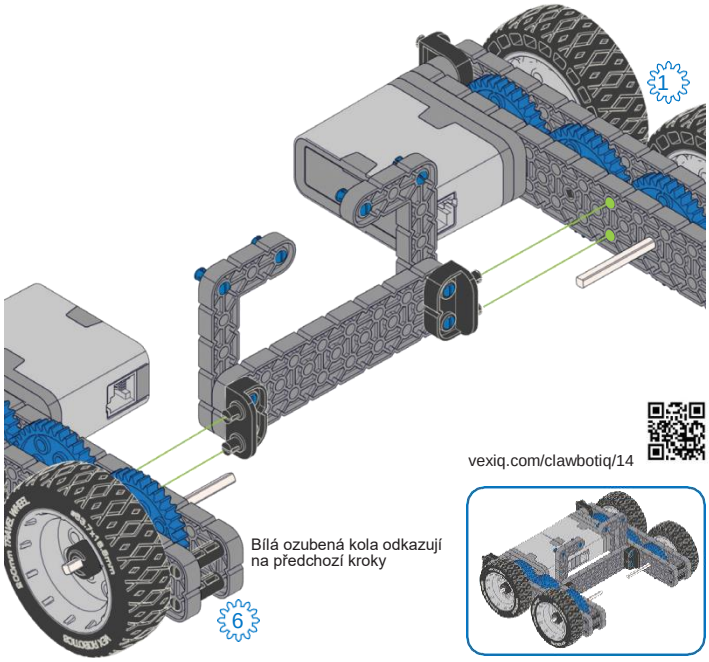
14





Bílá ozubená kola odkazují na předchozí kroky

vexiq.com/clawbotiq/14

15

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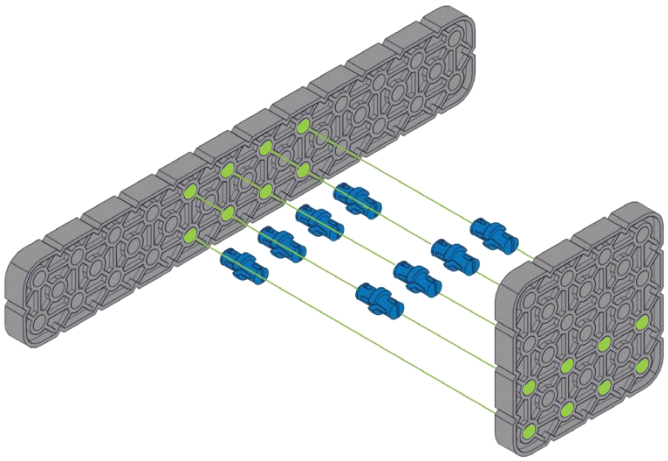
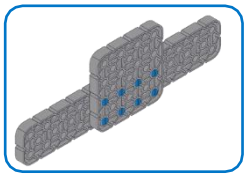
1x 228-2500-026





vexiq.com/clawbotiq/15

16

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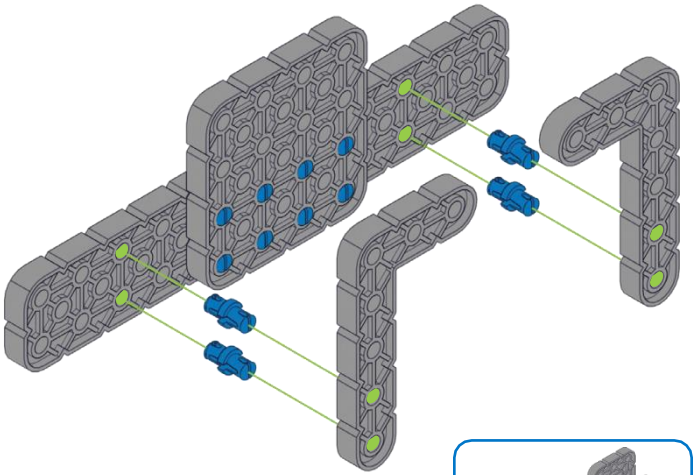
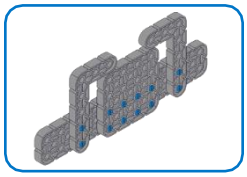
2x 228-2500-150





vexiq.com/clawbotiq/16

17

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228-2500-060

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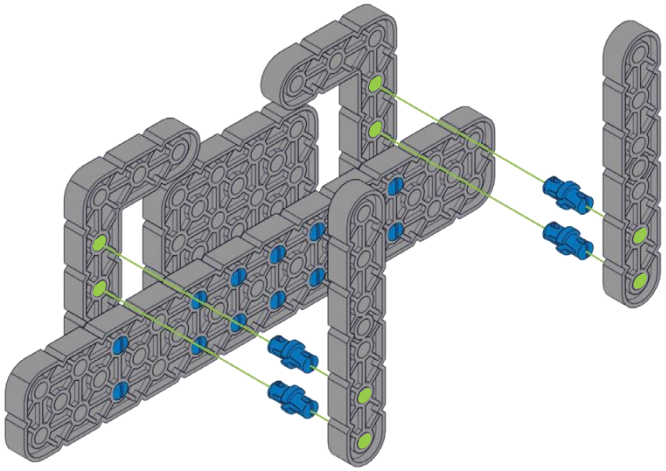
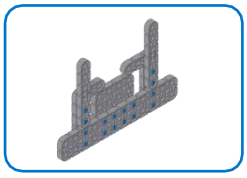
228-2500-005





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18

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228-2500-060

2x
228-2500-061

1x
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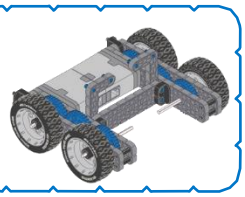

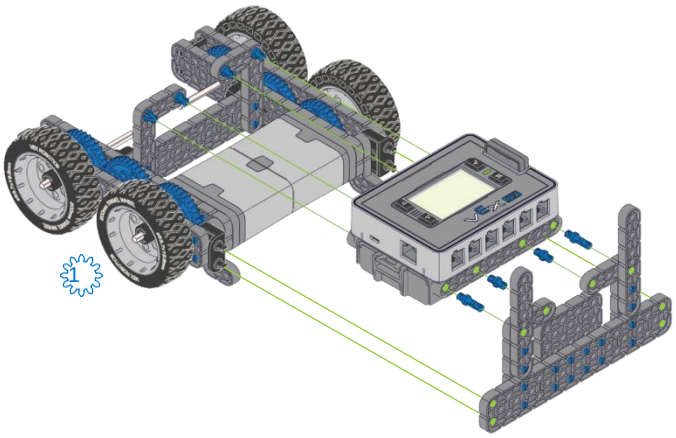

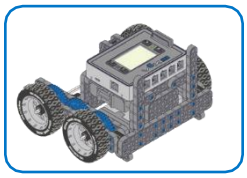

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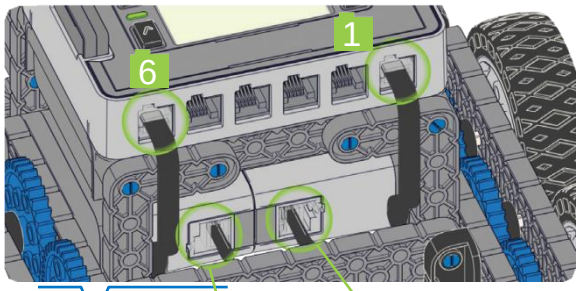
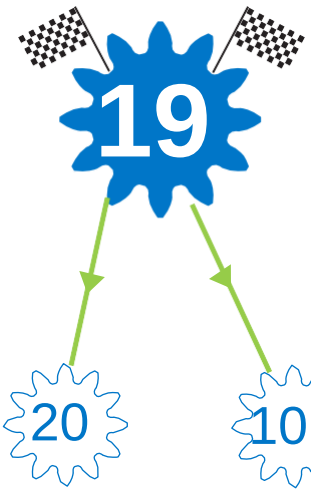
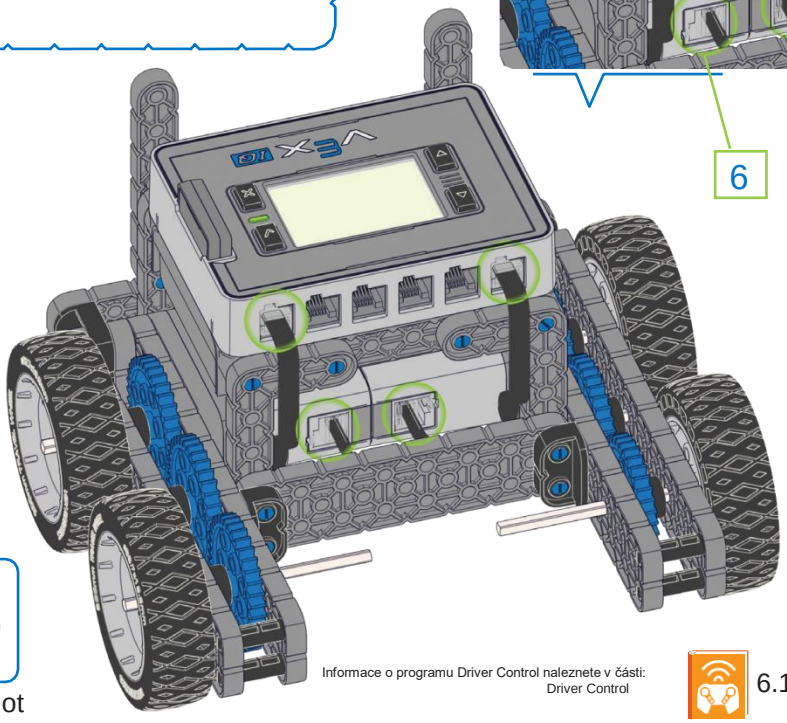


6

1

Připojte inteligentní zařízení k označenému portu mozku robotu





Informace o programu Driver Control naleznete v části: Driver Control

6.1

vexiq.com/clawbotiq/19

Clawbot IQ

Robot Autopilot

20

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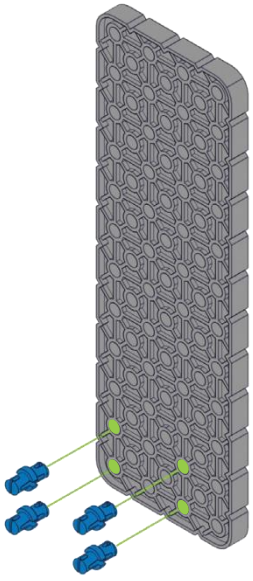

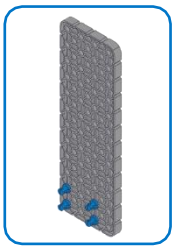

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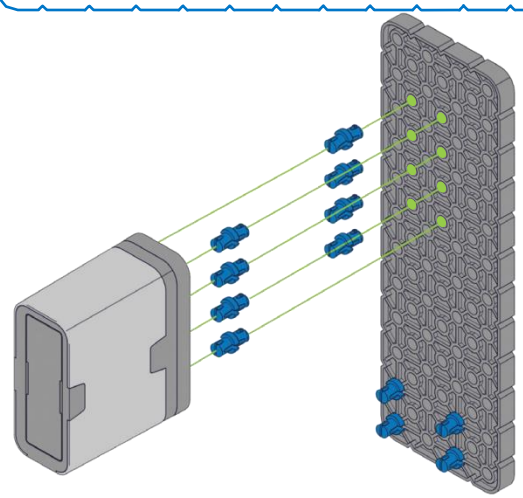

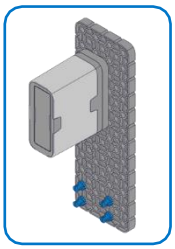

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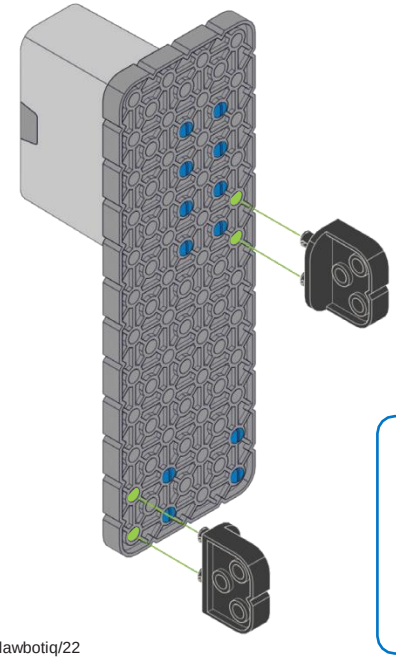

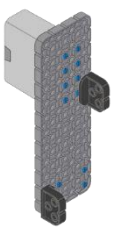

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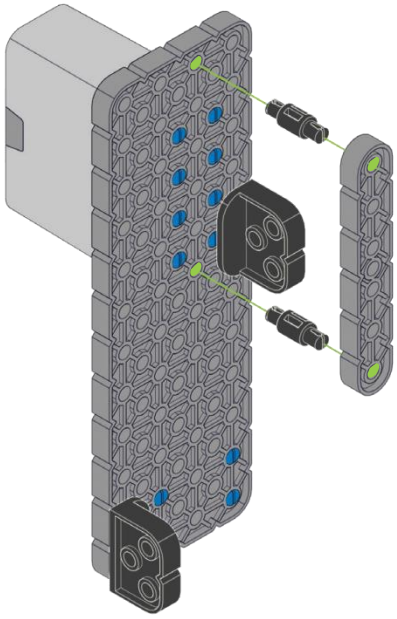

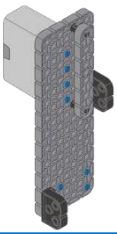

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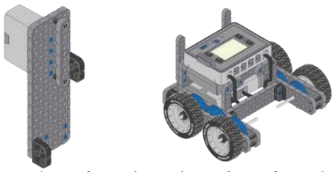

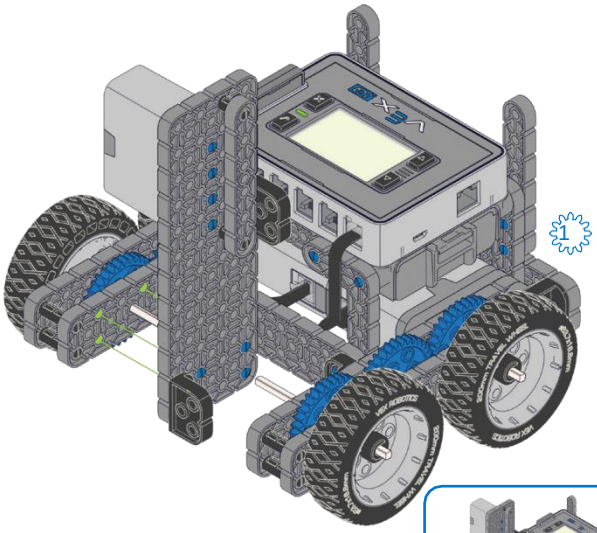

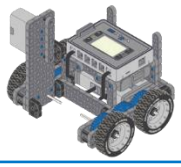

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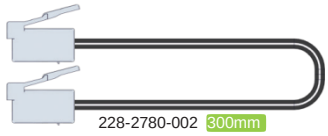

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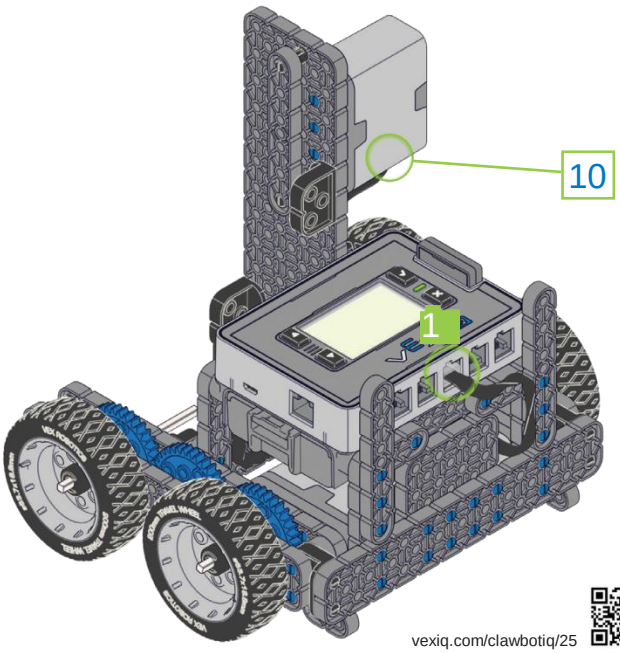

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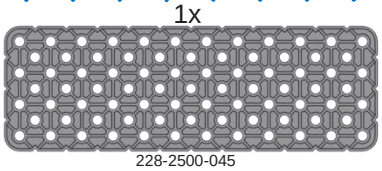

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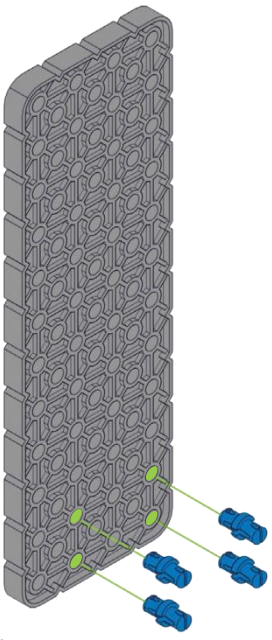

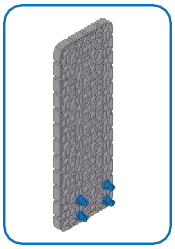

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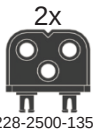

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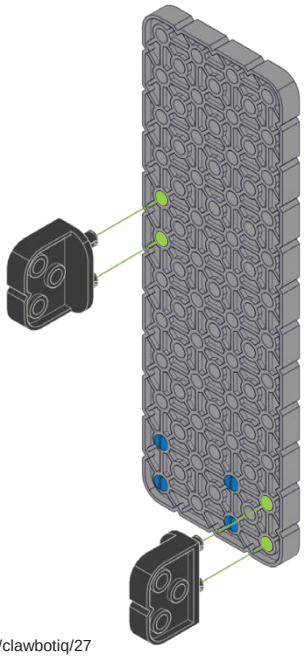

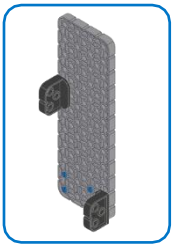

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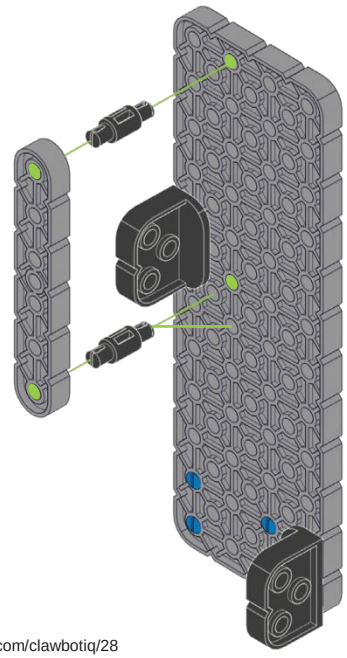

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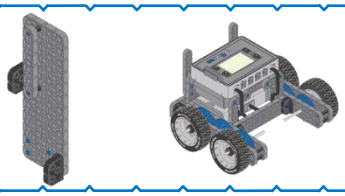

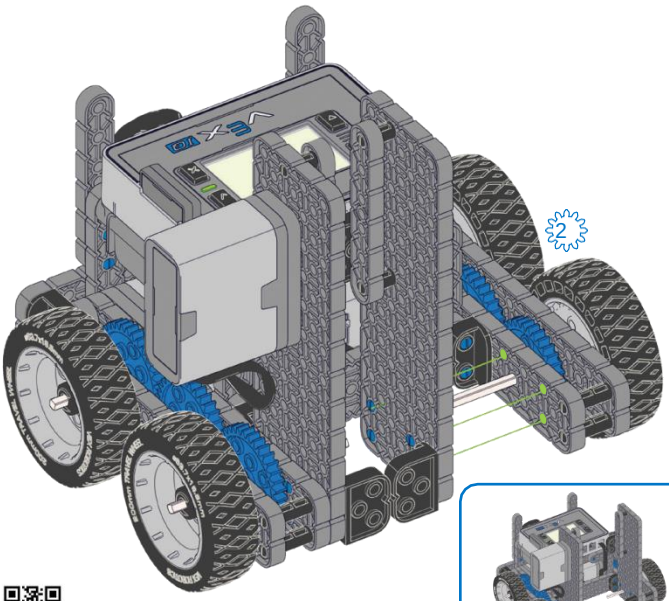

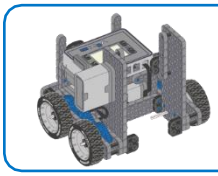

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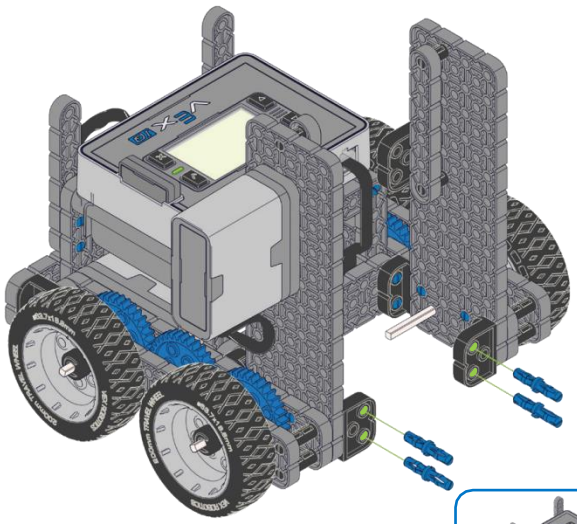

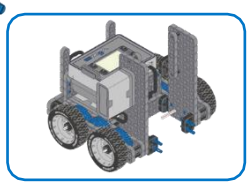

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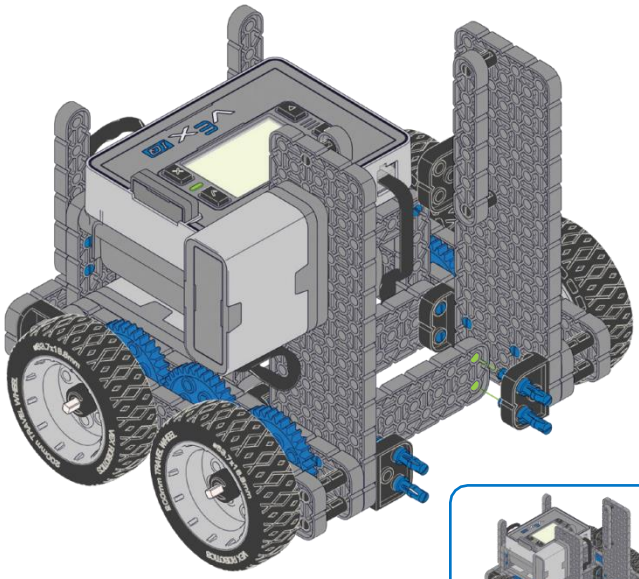

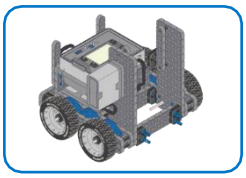

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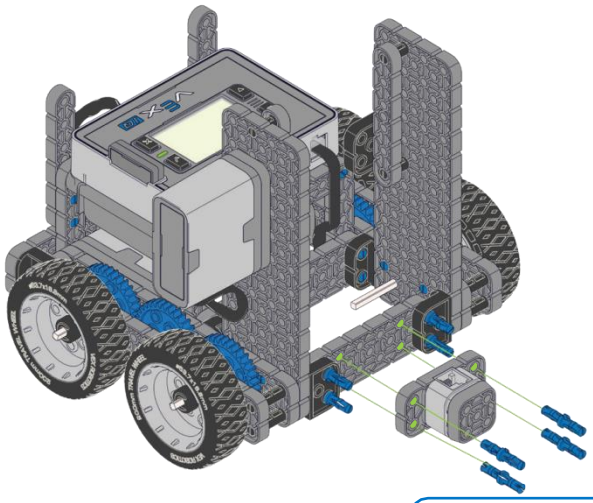

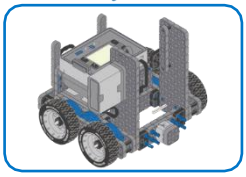

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2x
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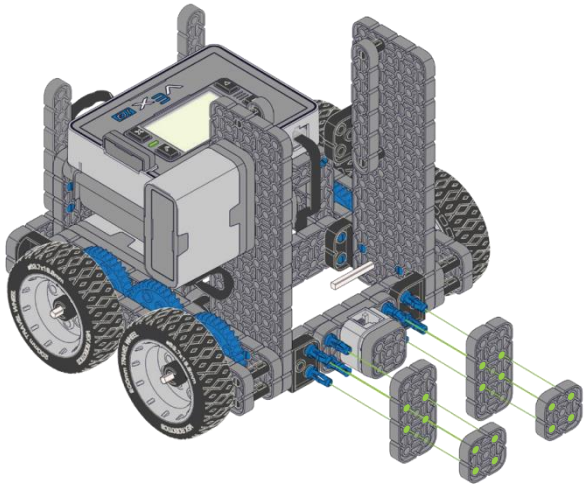

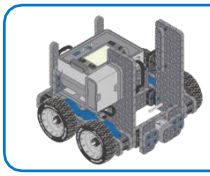

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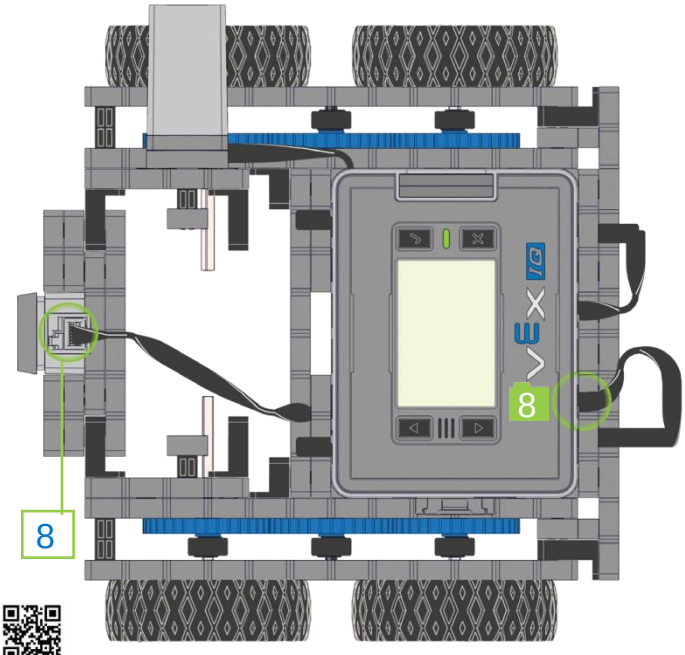

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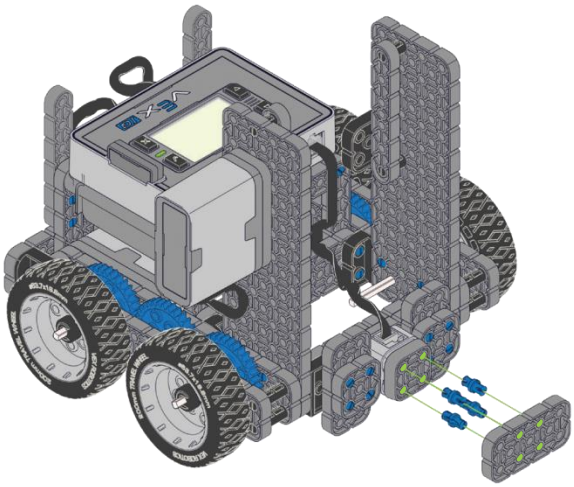

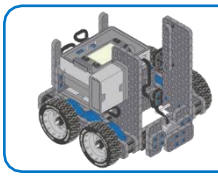

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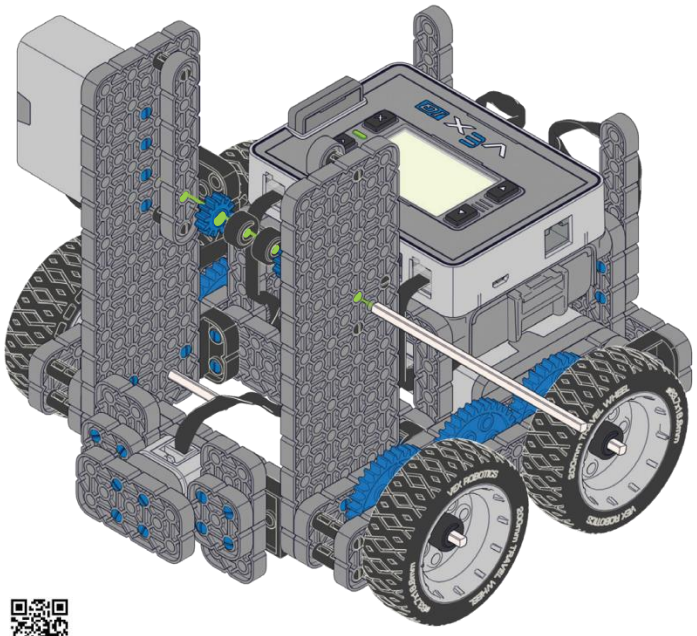

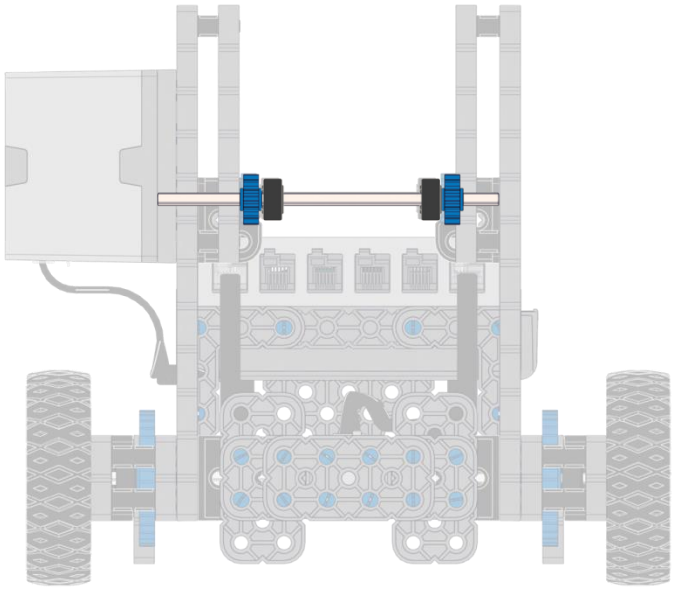

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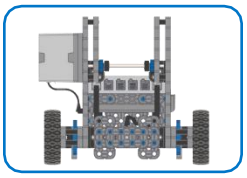

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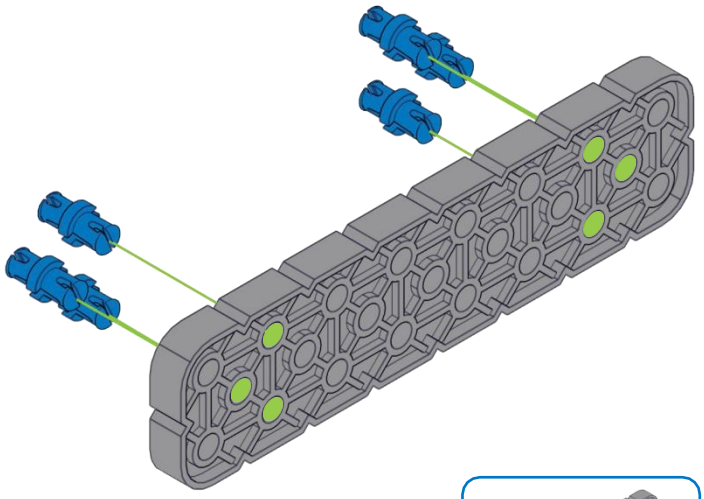

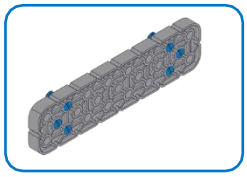

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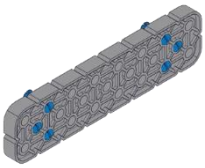

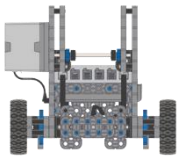

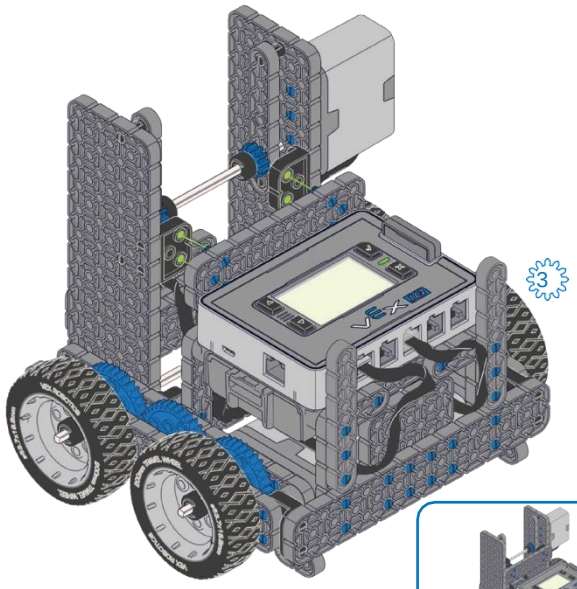

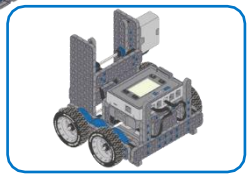

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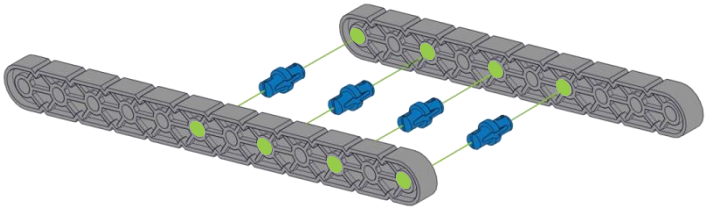
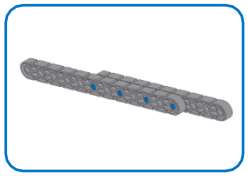
228-2500-011

1x
228-2500-009





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228-2500-062

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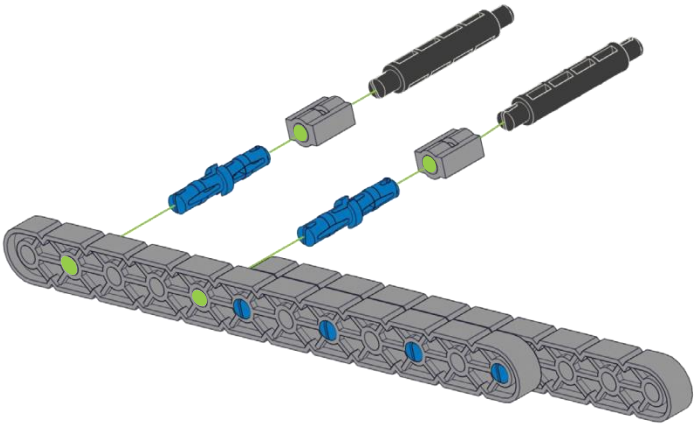
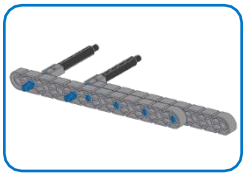
228-2500-170

2x
228-2500-067





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41

2x
228-2500-007

1x
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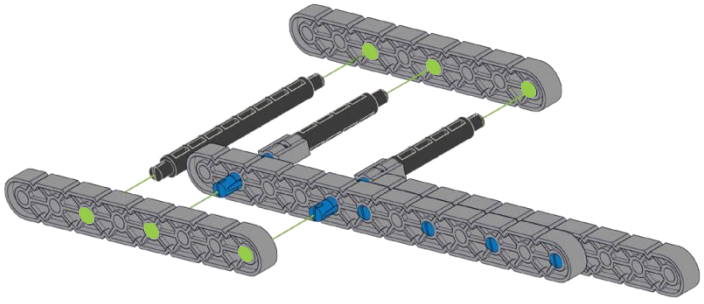

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42

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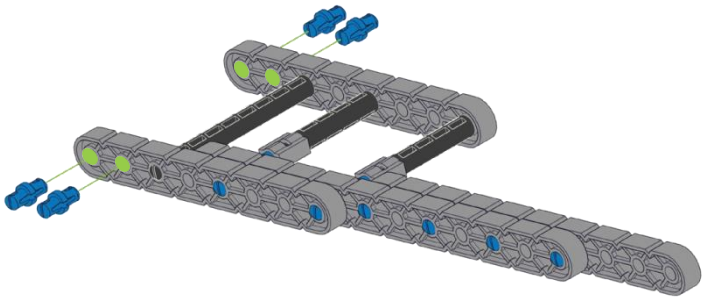

vexiq.com/clawbotiq/42

43

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228-2500-151

1x
228-2500-170

2x
228-2500-067

vexiq.com/clawbotiq/43

44

2x
228-2500-128

vexiq.com/clawbotiq/44

45

2x
228-2500-070

vexiq.com/clawbotiq/45

46

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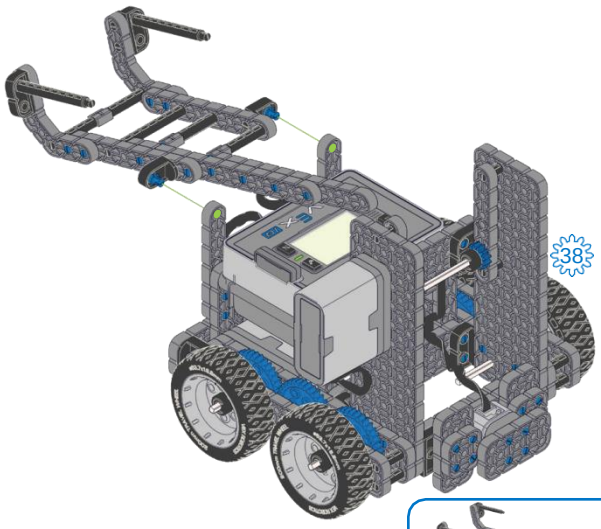
vexiq.com/clawbotiq/46

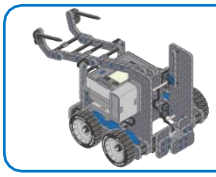
47

2x
228-2500-060

vexiq.com/clawbotiq/47

48





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49

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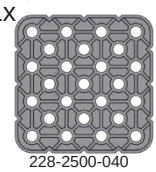
228-2500-040



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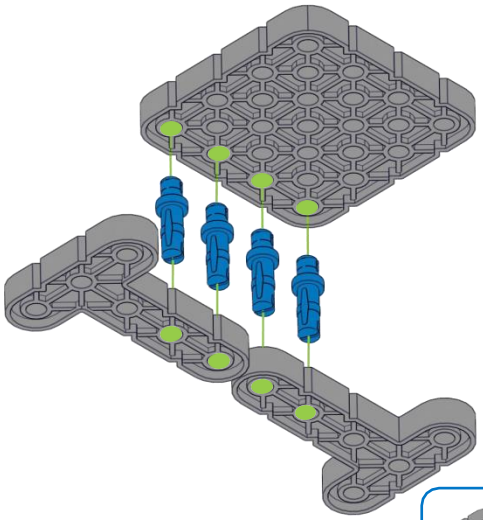

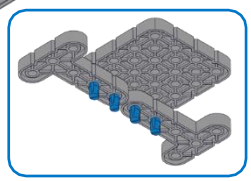

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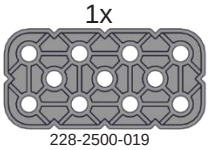

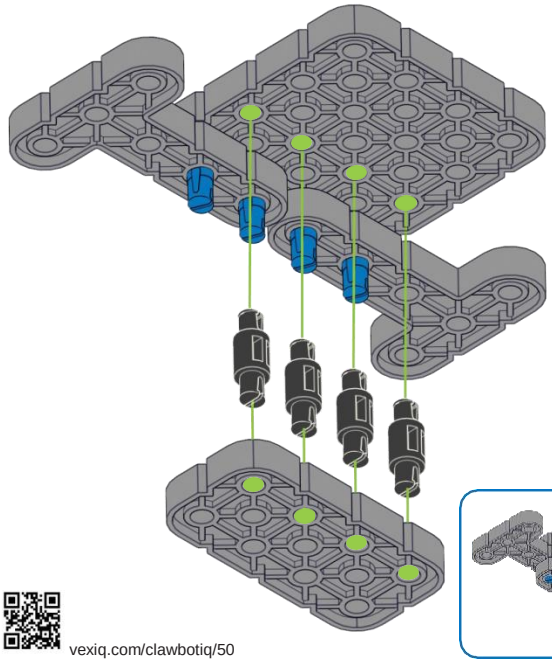

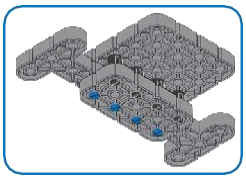

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51

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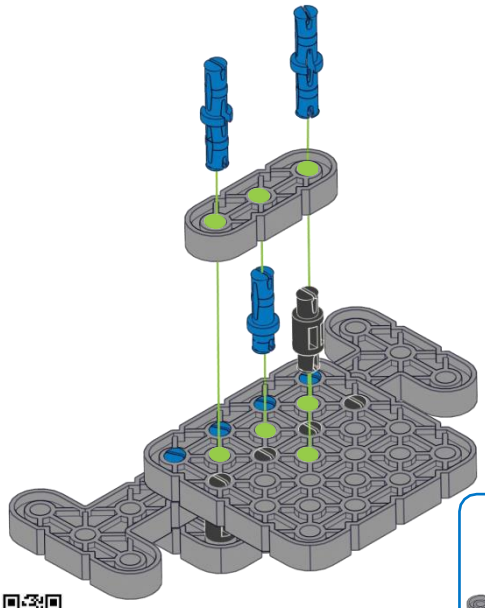

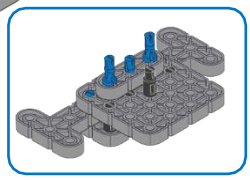

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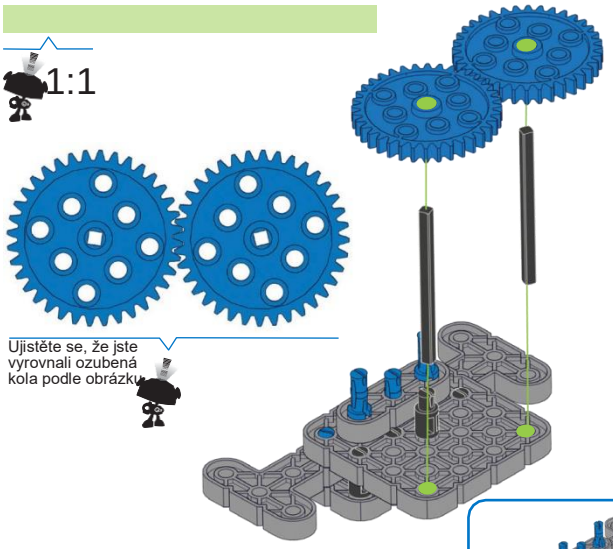
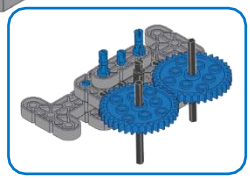
52

2x 228-2500-214
2x 228-2500-076 4xP

1:1



Ujistěte se, že jste vyrovnali ozubená kola podle obrázku.



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53

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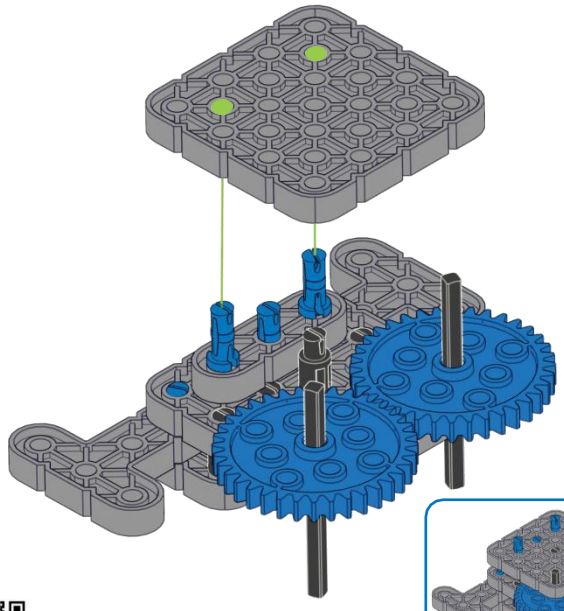

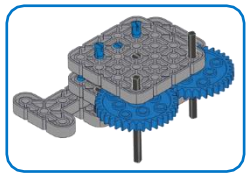

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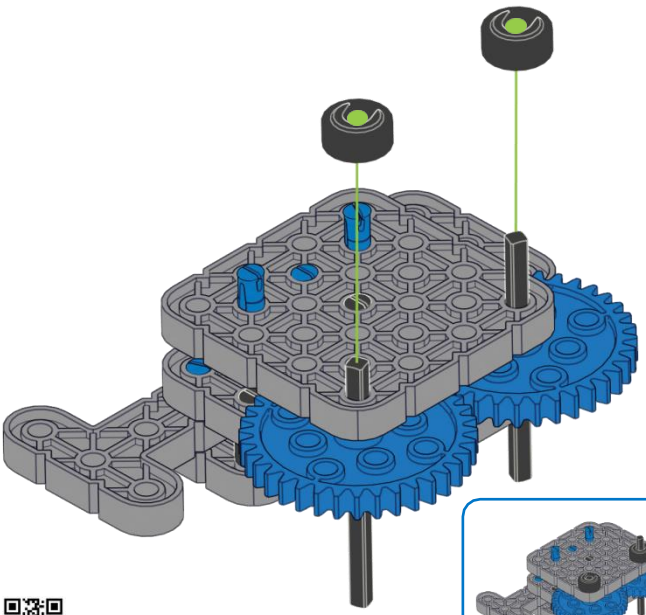
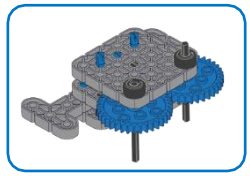
54

2x 228-2500-143





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55

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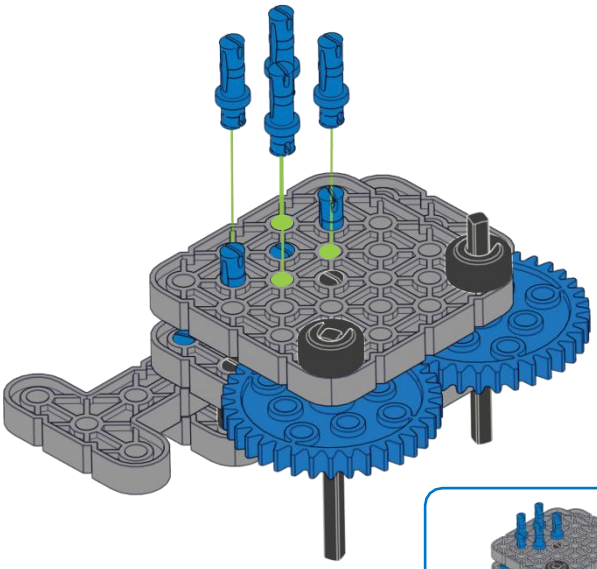

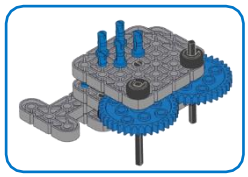

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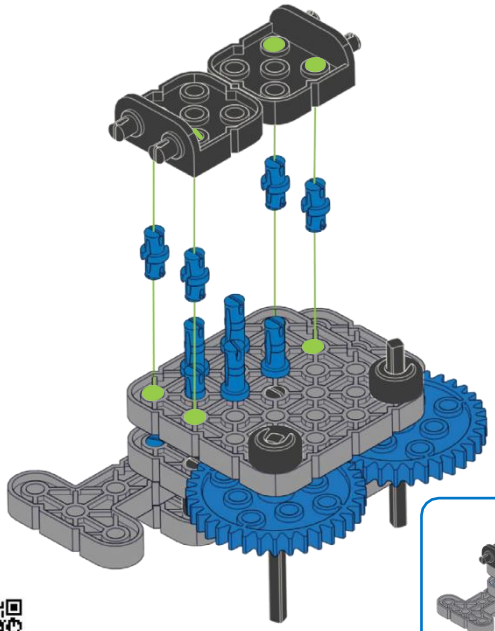
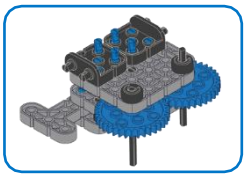
56

4x
228-2500-060

2x
228-2500-134





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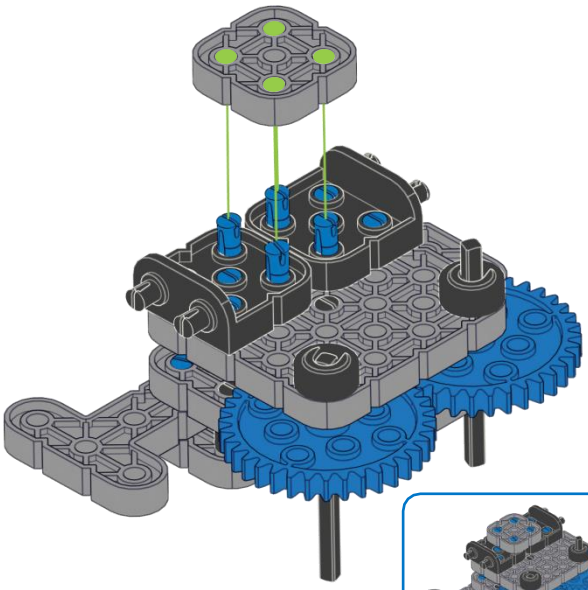
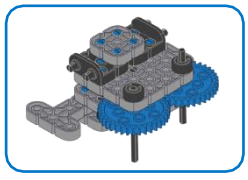
57

1x
228-2500-017





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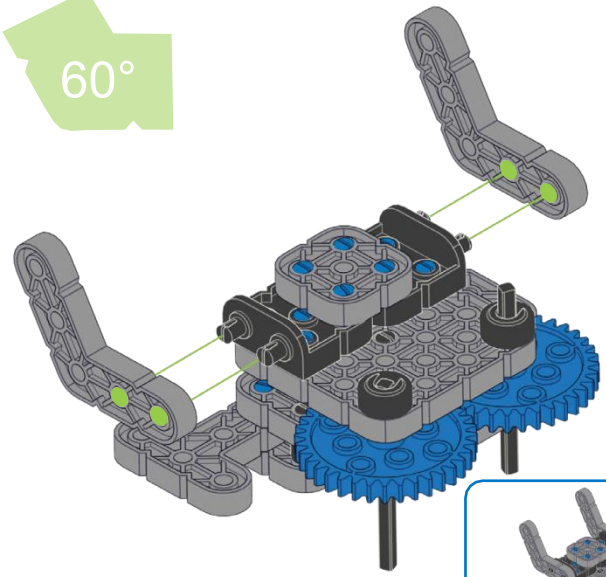
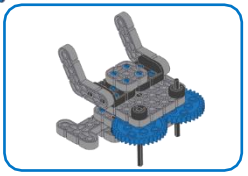
58

2x
228-2500-149 60°





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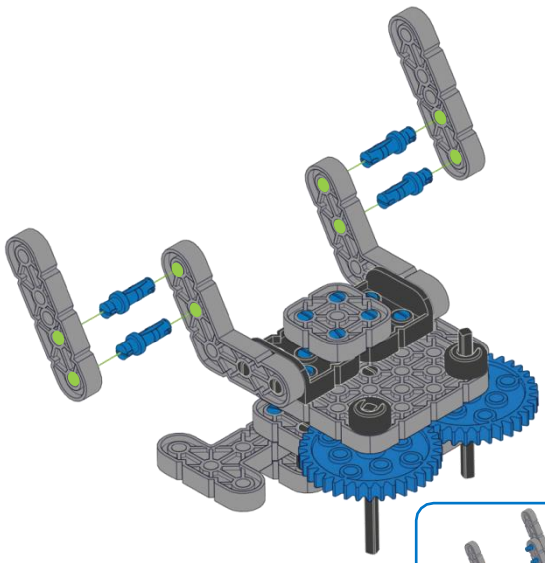
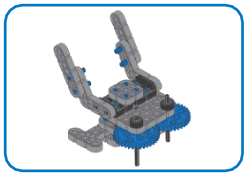
59

4x
228-2500-061

2x
228-2500-003





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60

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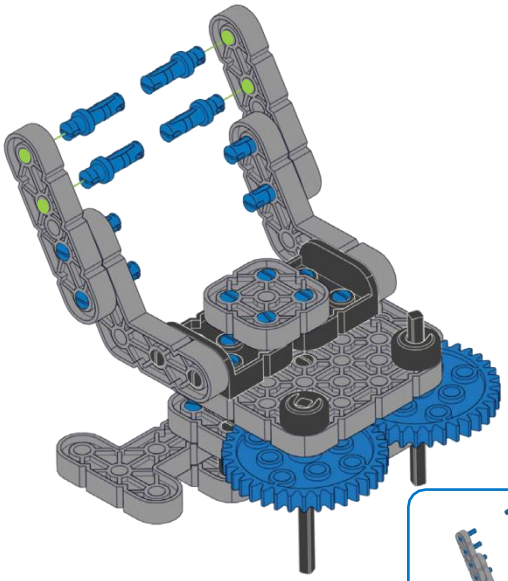

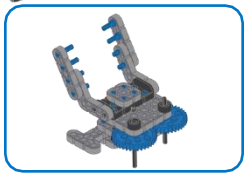

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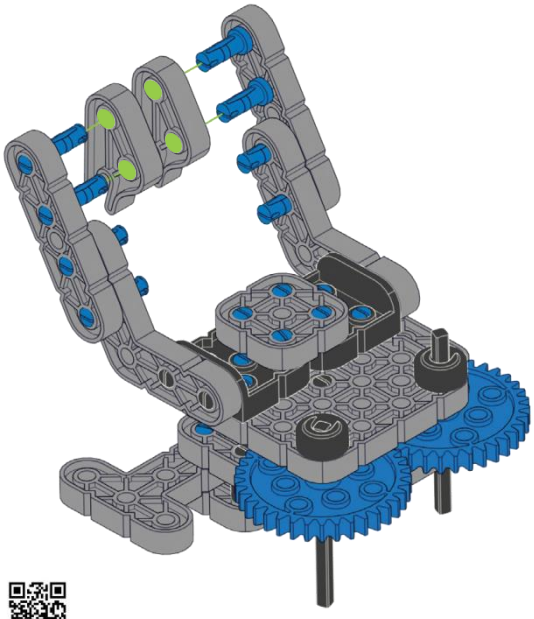
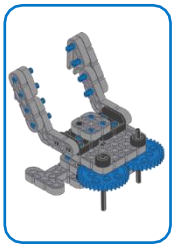
61

2x
228-2500-157





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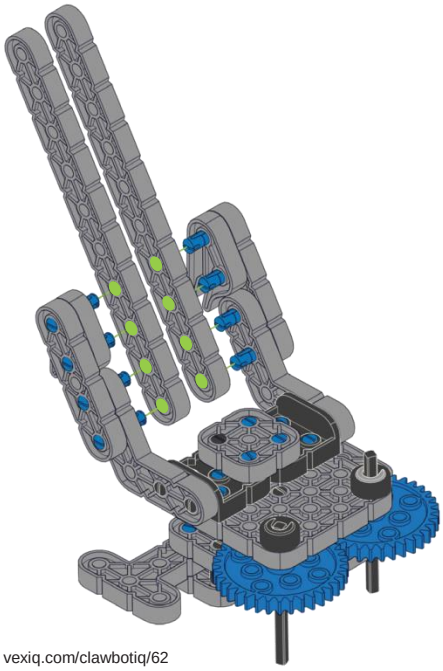
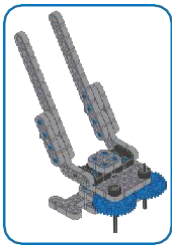
62

2x
228-2500-009





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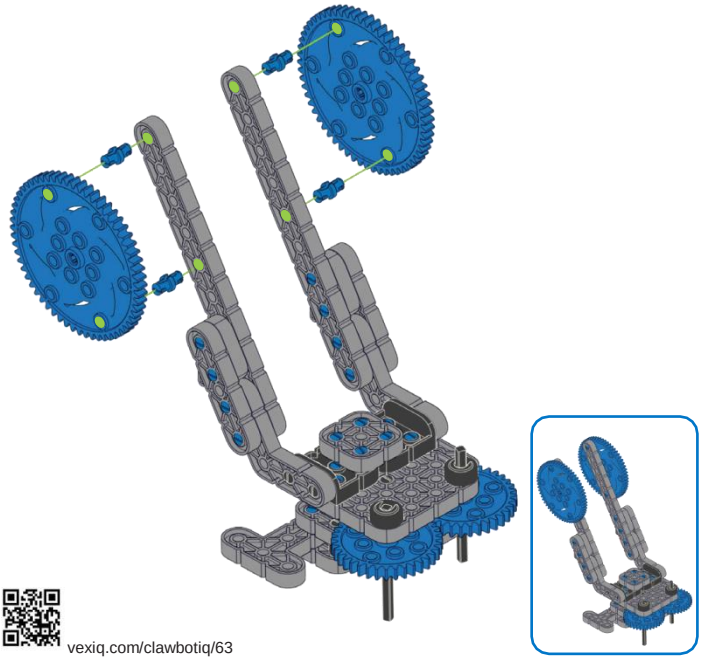
63

4x
228-2500-060

2x
228-2500-215



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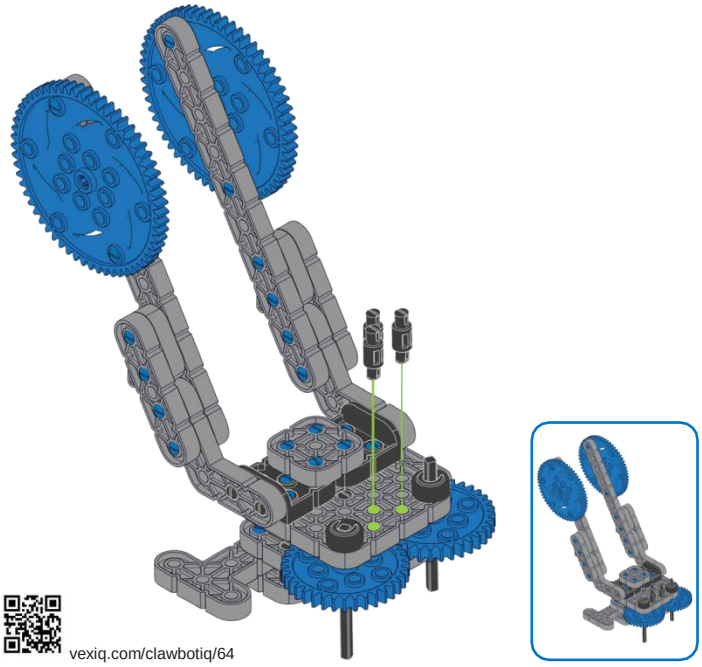
64

3x
228-2500-064



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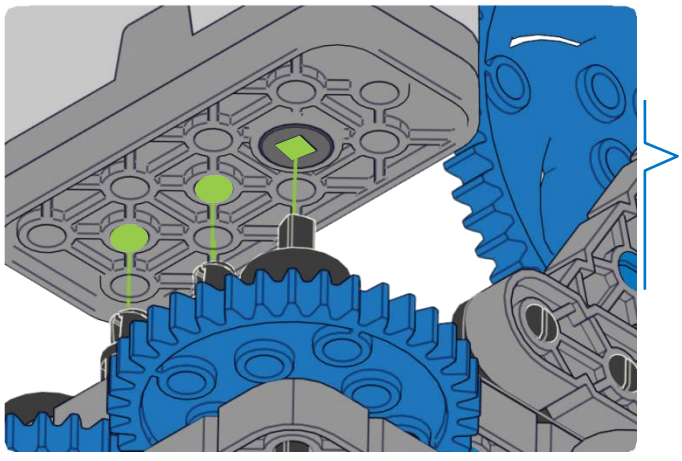
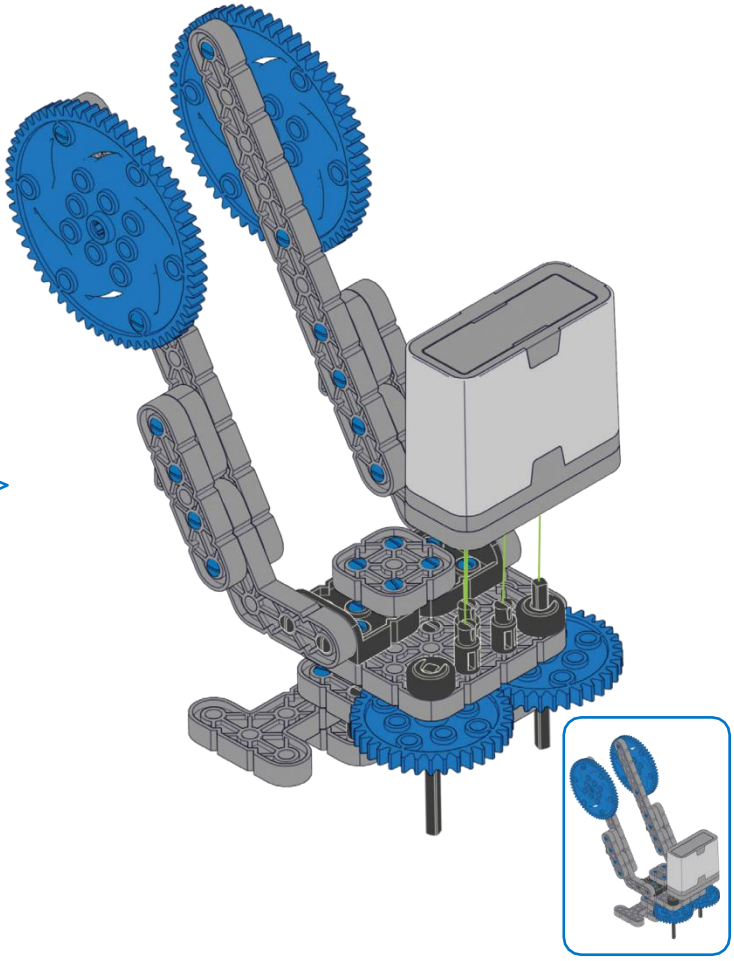
65

1x
228-2560





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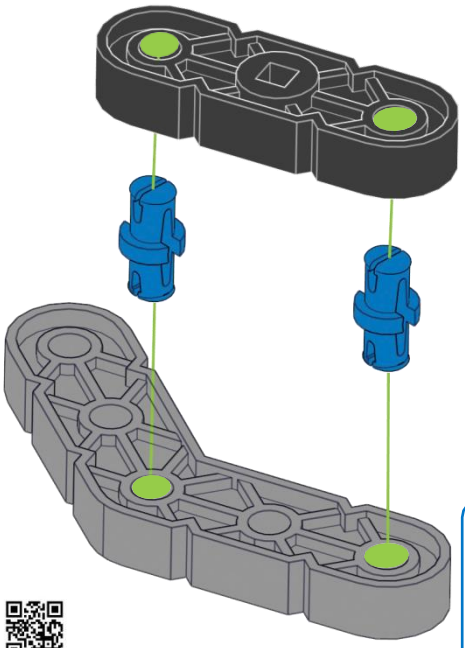
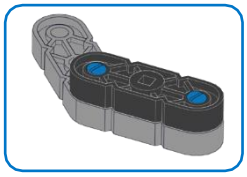
66

1x 228-2500-148 45°

2x 228-2500-060

1x 228-2500-141





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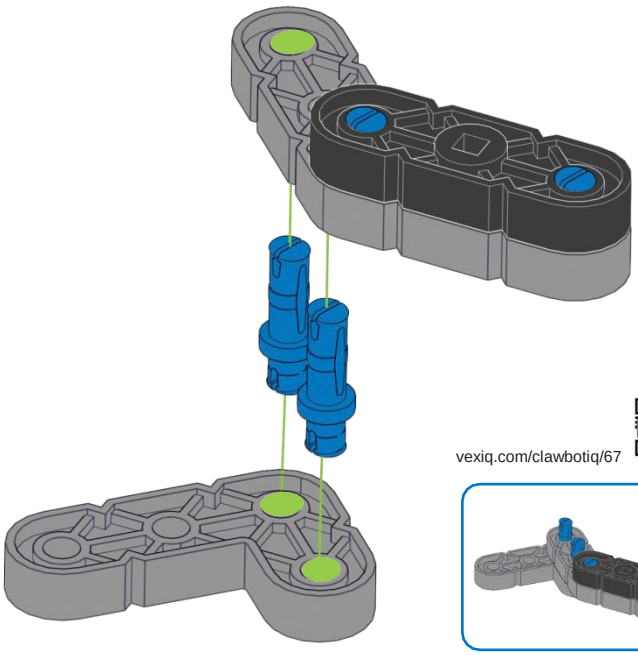
67

1x 228-2500-145

2x 228-2500-061



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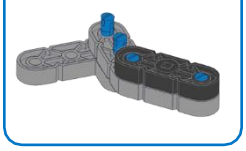
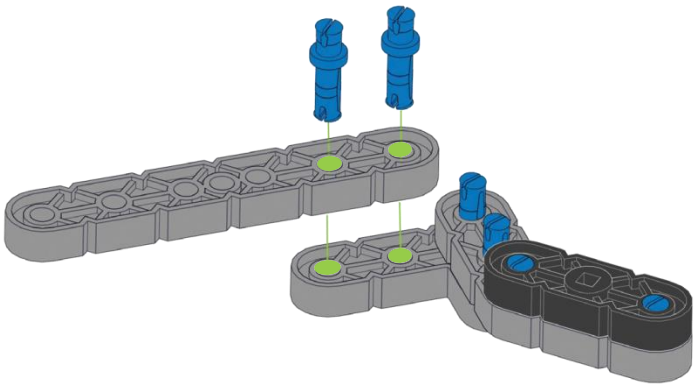
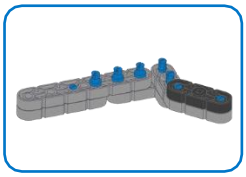


68

2x 228-2500-061

1x 228-2500-005





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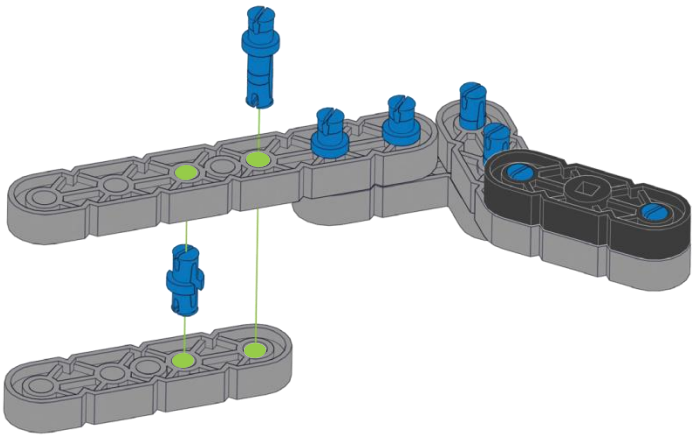
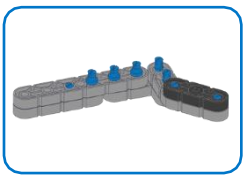
69

1x 228-2500-060

1x 228-2500-061

1x 228-2500-003





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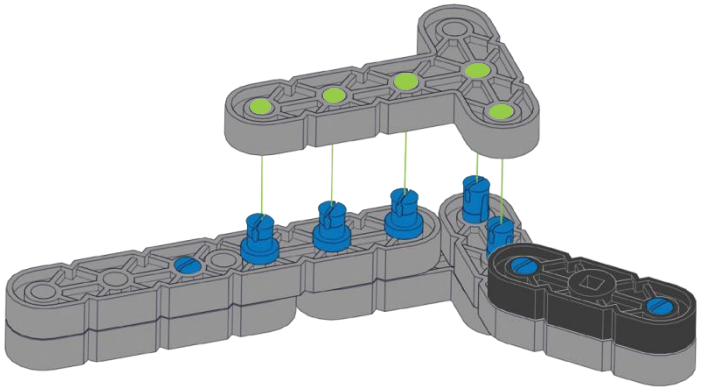
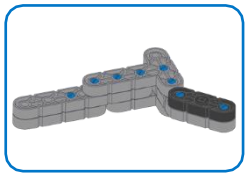
70

1x

228-2500-144

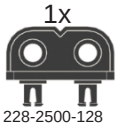




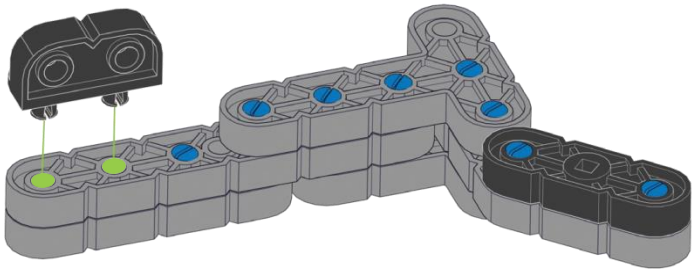
vexiq.com/clawbotiq/70

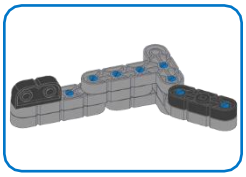
71

1x



228-2500-128



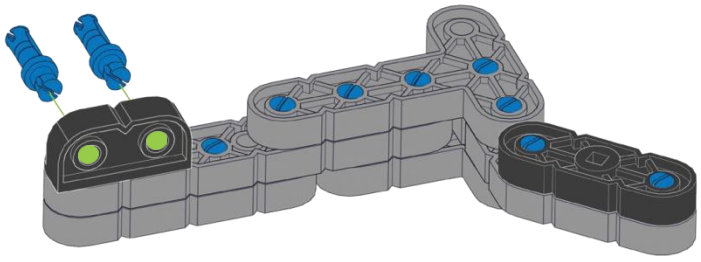


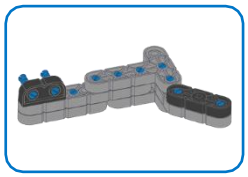
vexiq.com/clawbotiq/71

72

2x

228-2500-061





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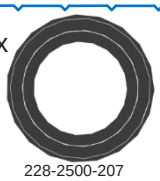

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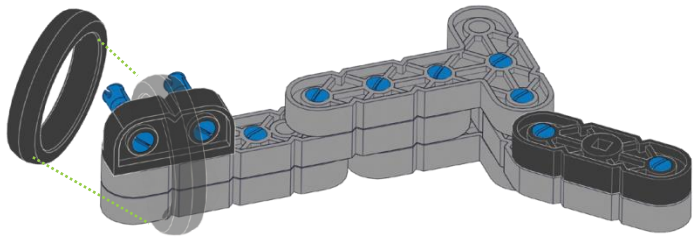

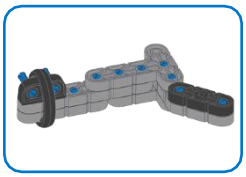

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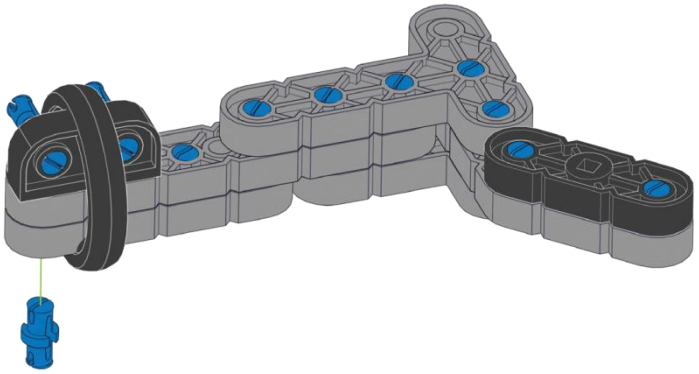

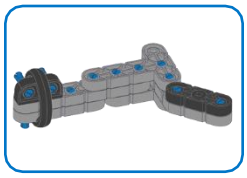

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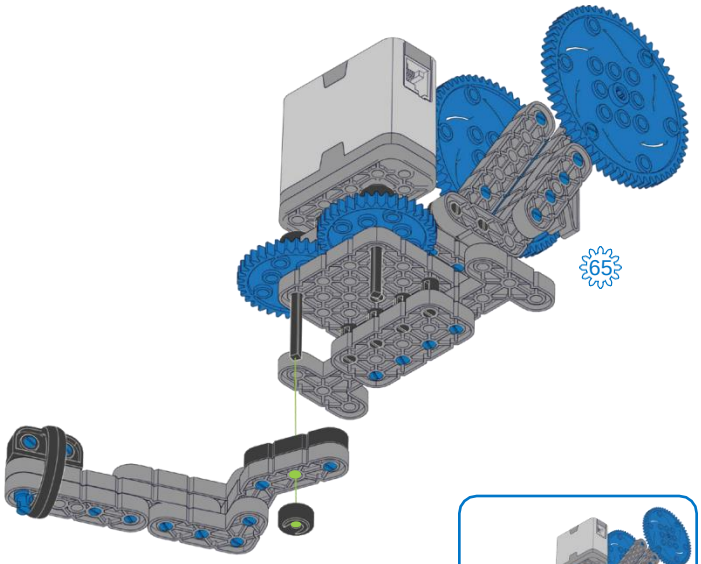

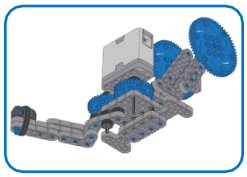

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76

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228-2500-148 45°

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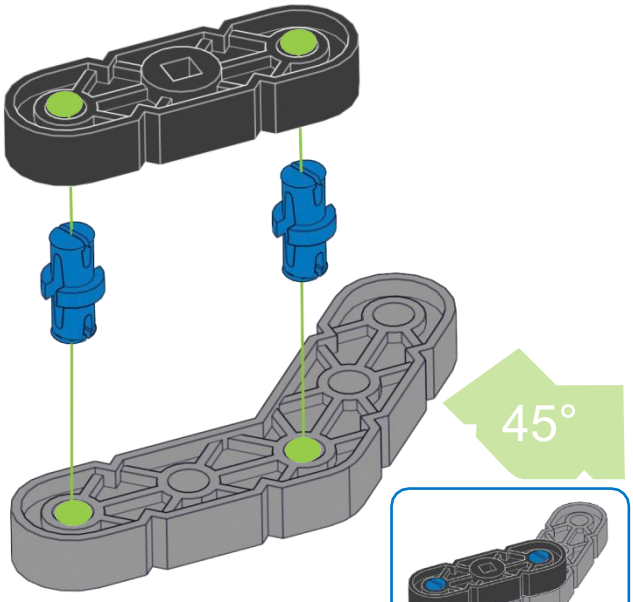
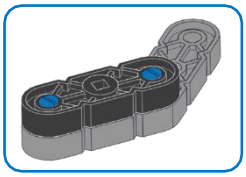
228-2500-060

1x
228-2500-141





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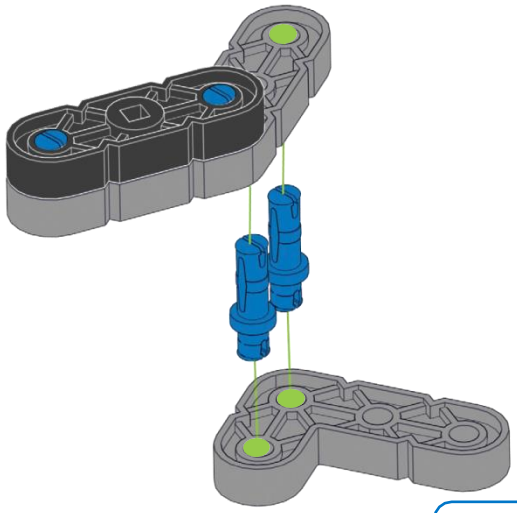

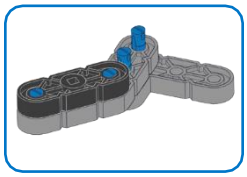

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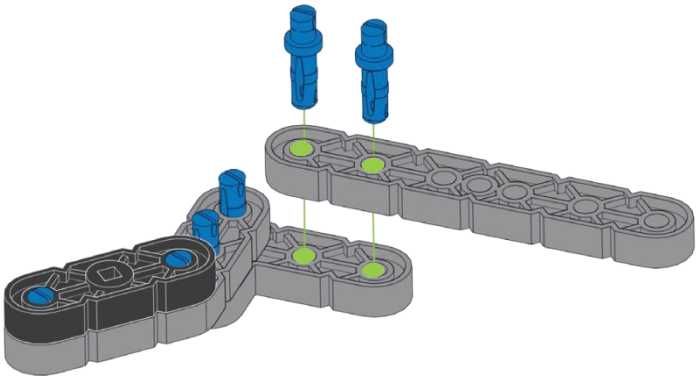

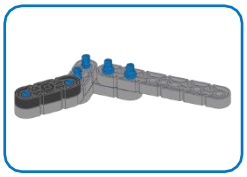

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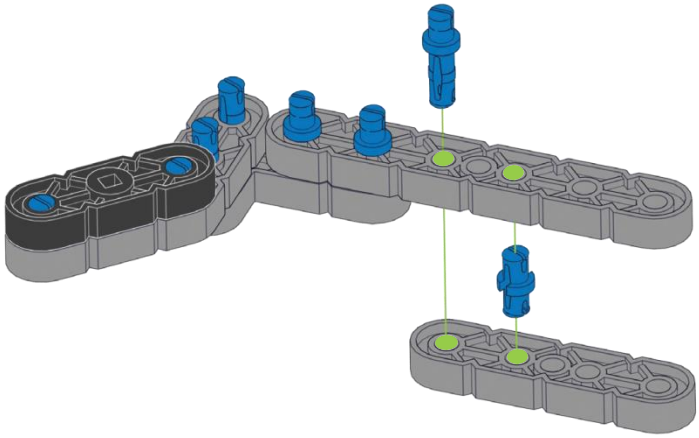

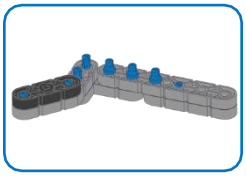

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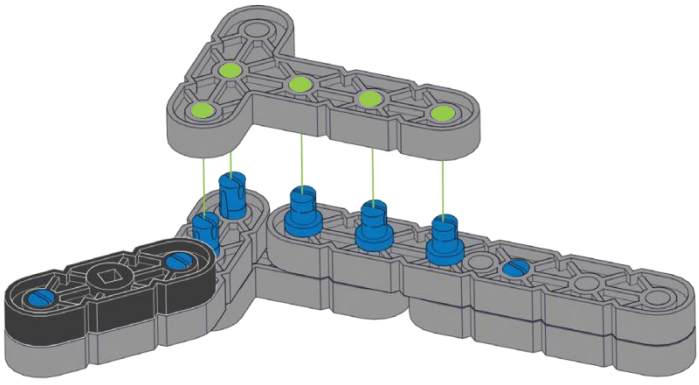

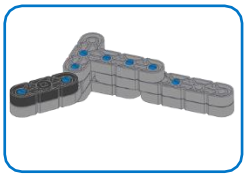

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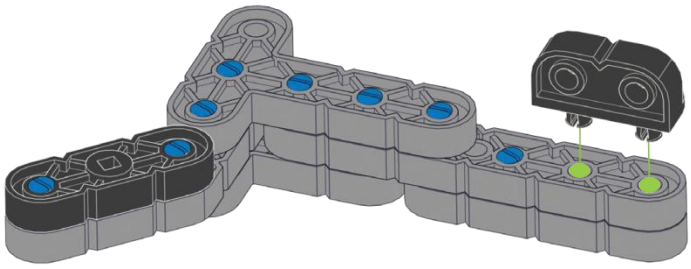

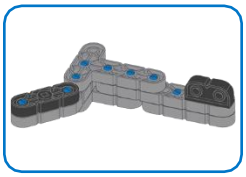

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82

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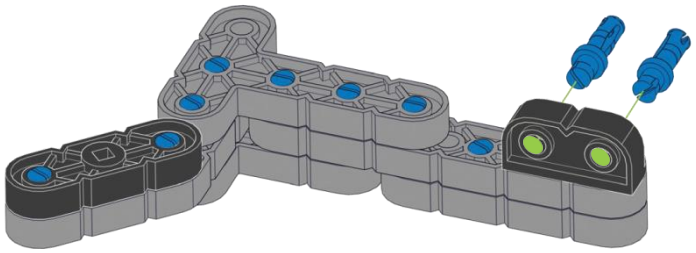

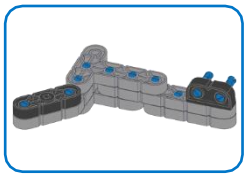

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83

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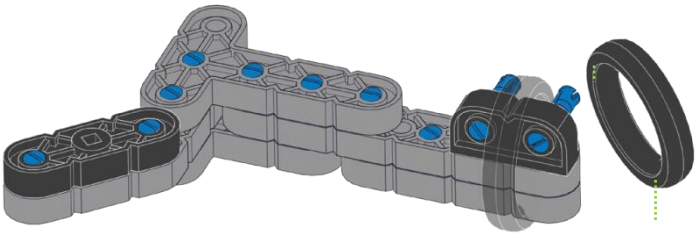
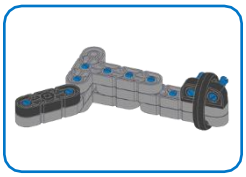
228-2500-207





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84

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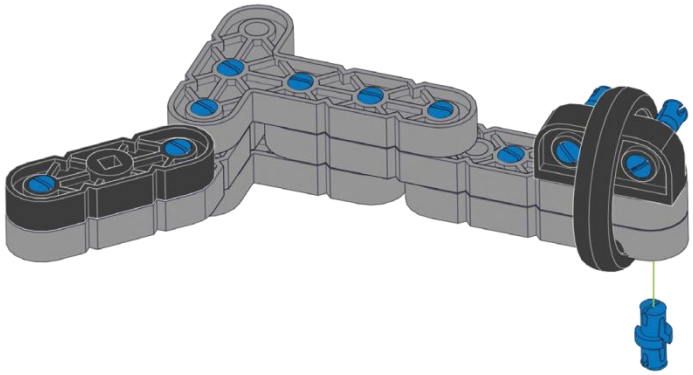

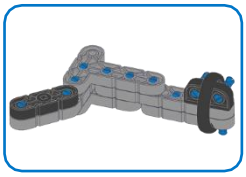

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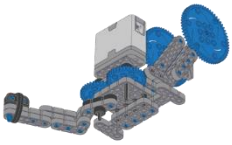

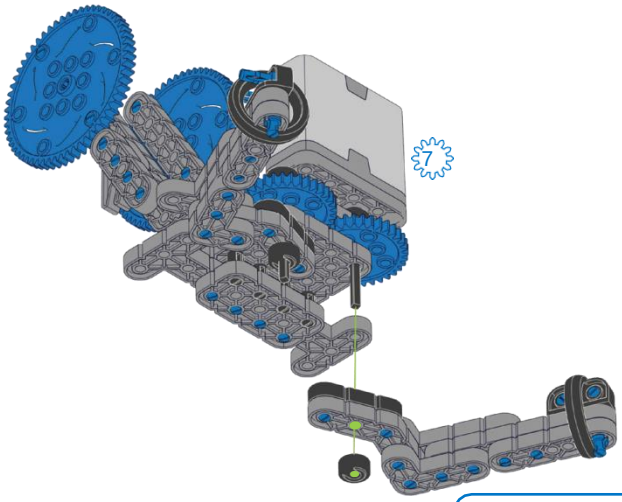

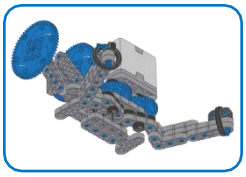

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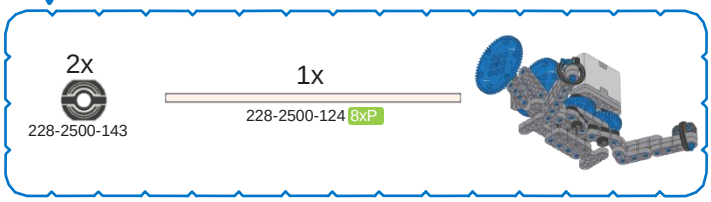

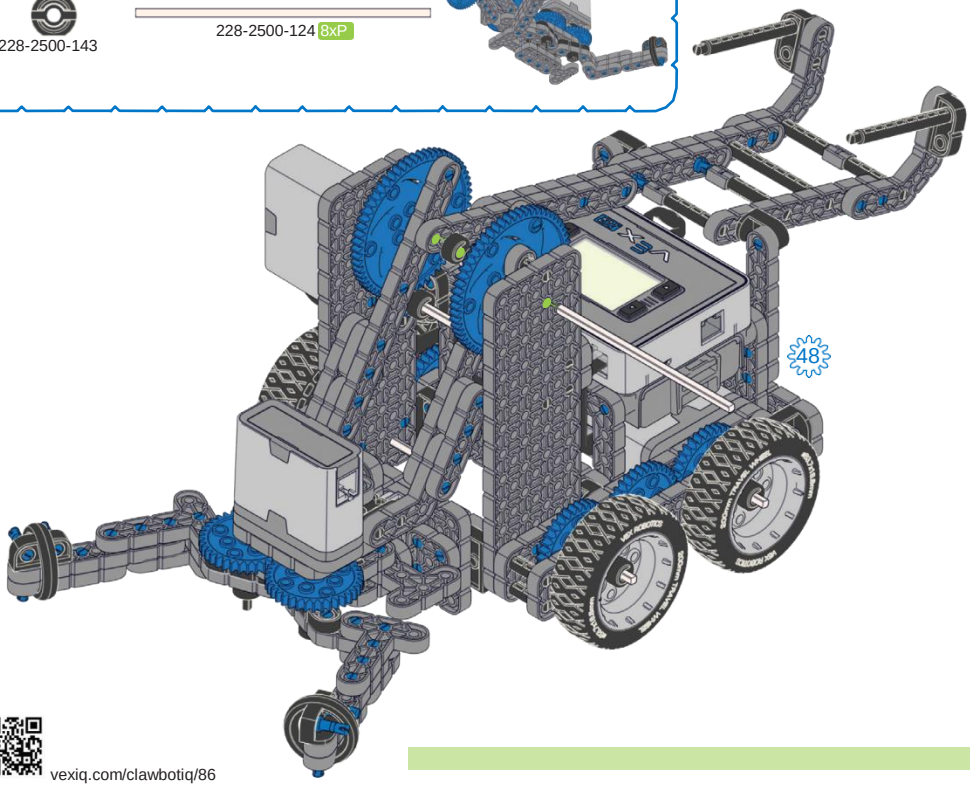

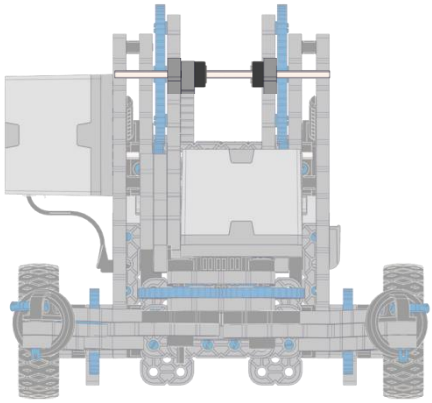

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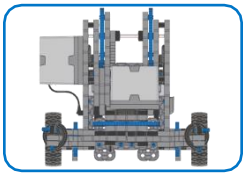

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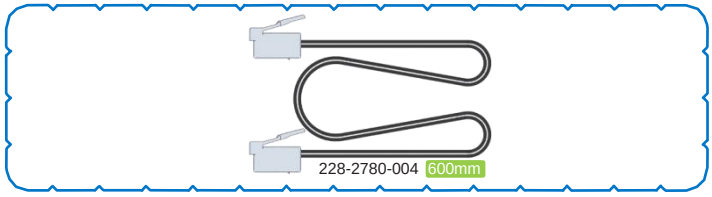

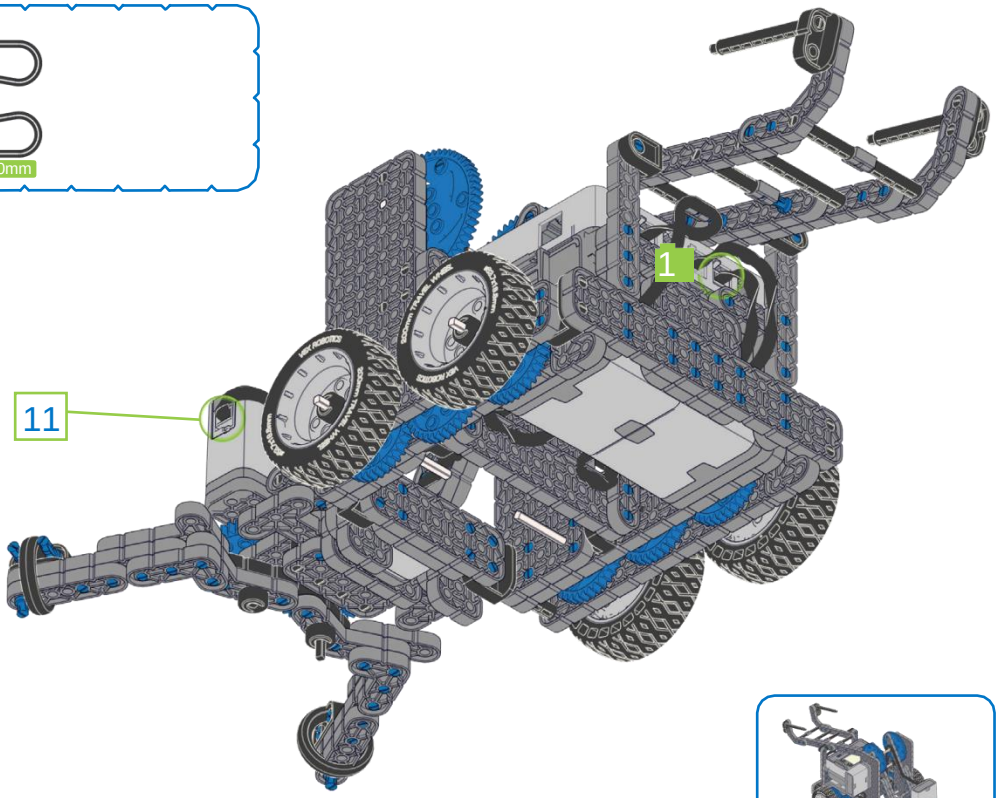

6,1 Informace o programu Driver Control naleznete v na:

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3 Clawbot IQ se snímači

88

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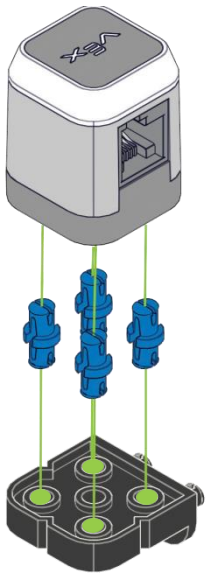
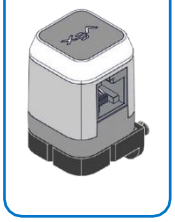
228-3010





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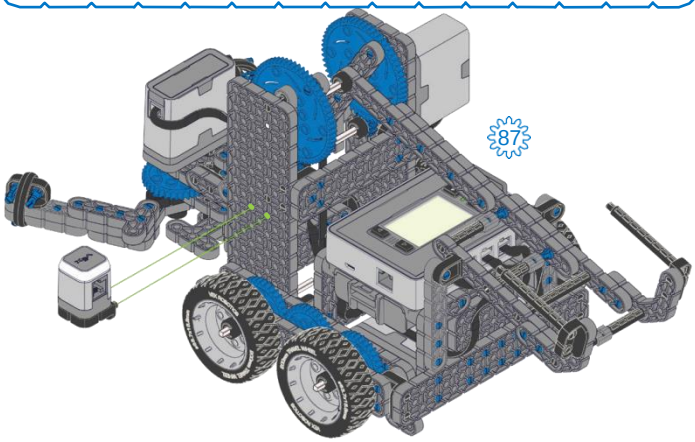

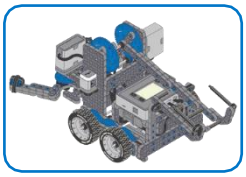

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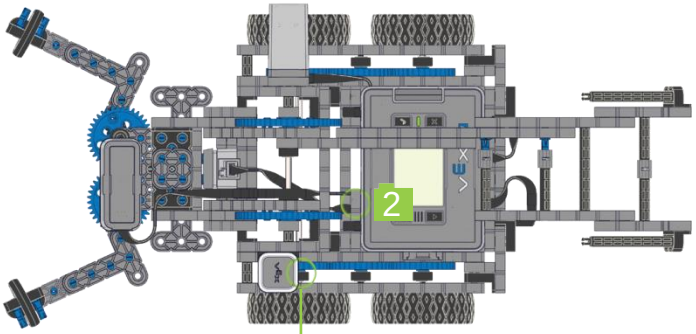

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1x
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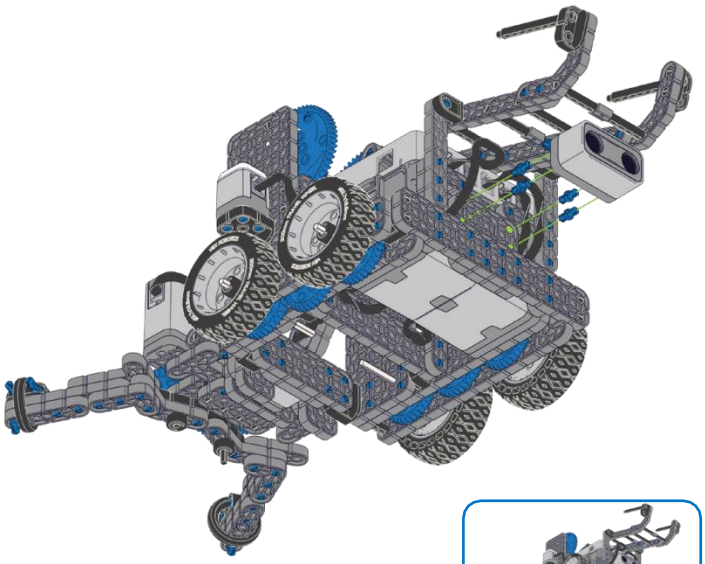

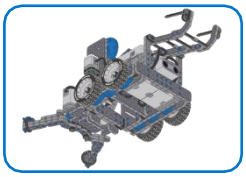

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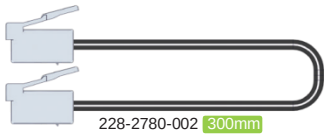

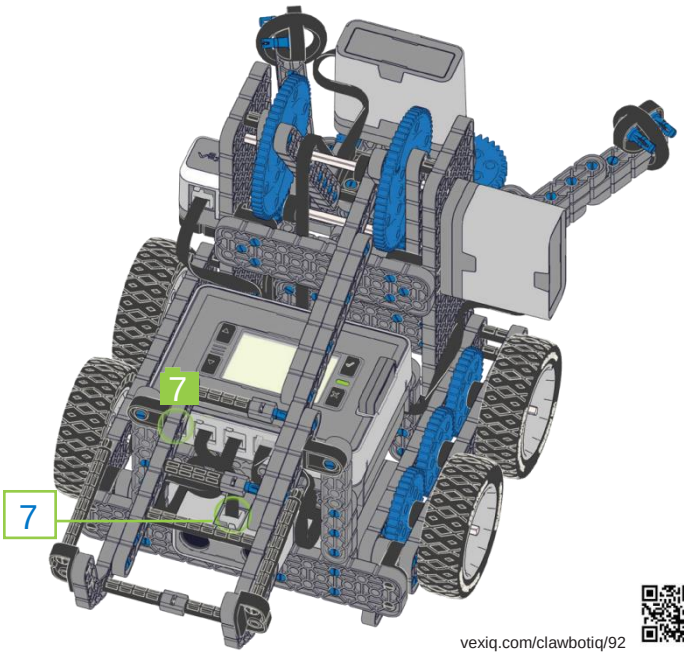

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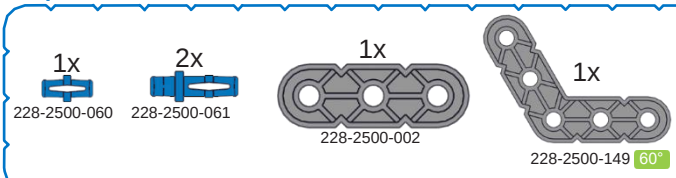

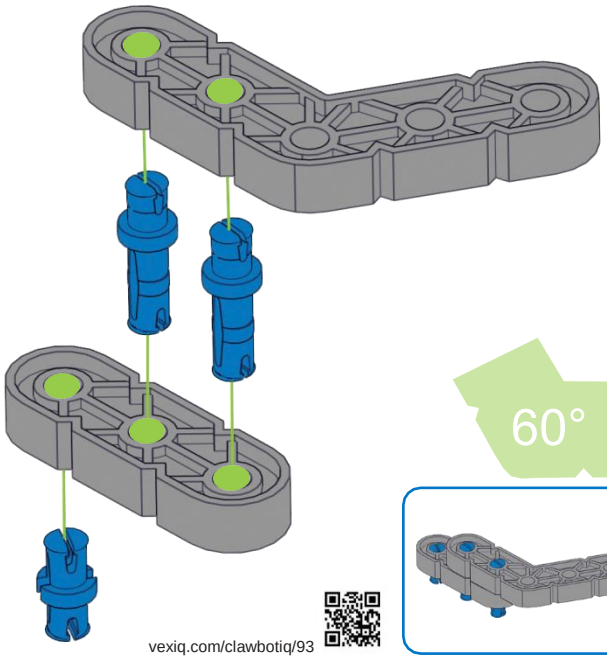

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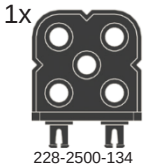

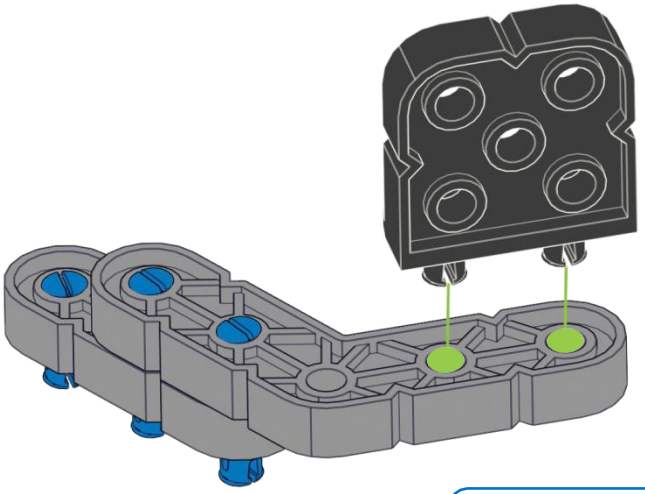

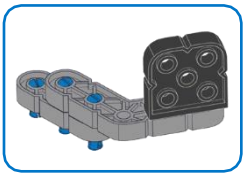

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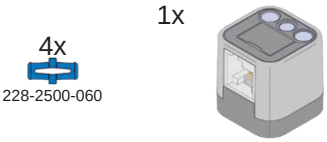
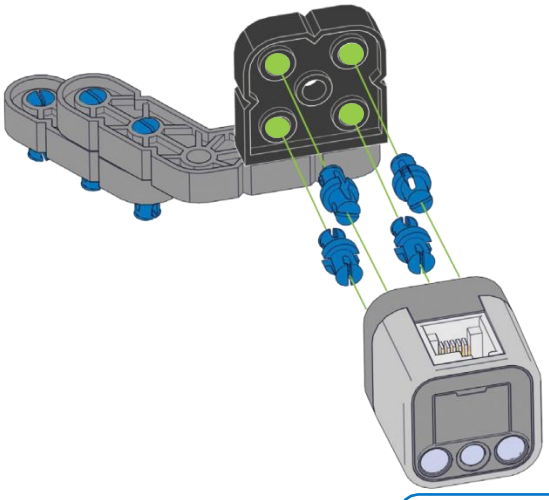
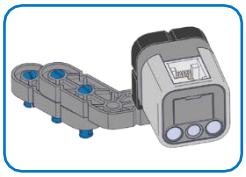
95







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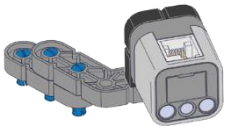
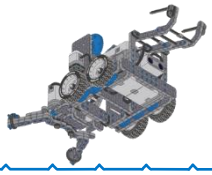
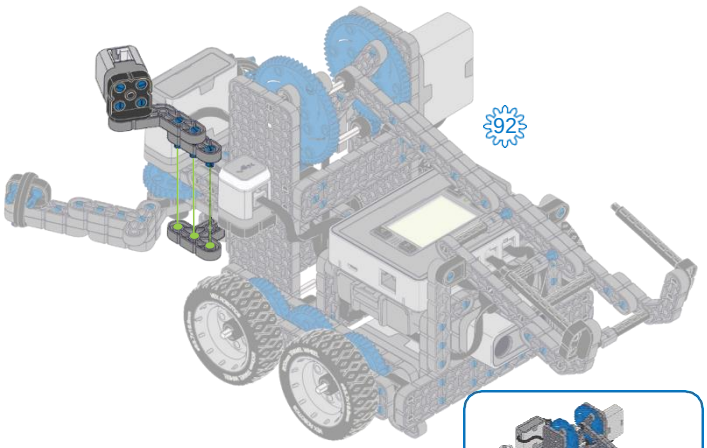
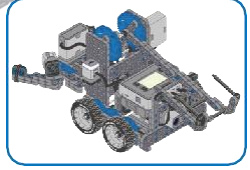
96









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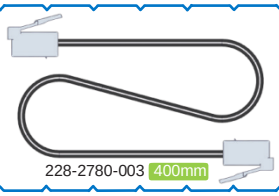

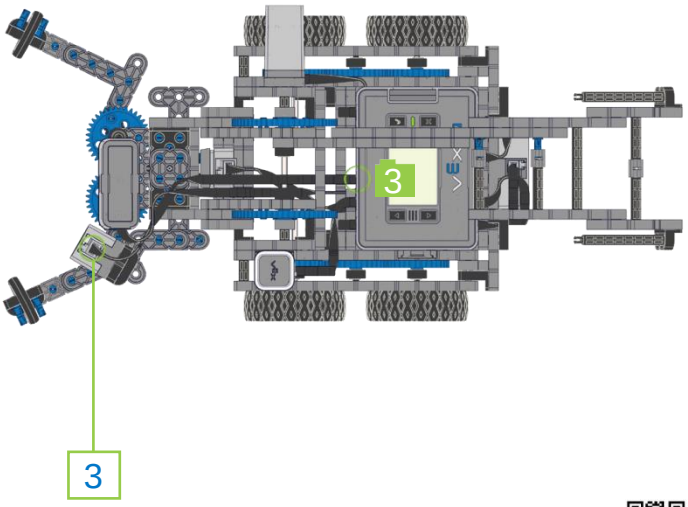

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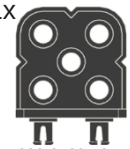
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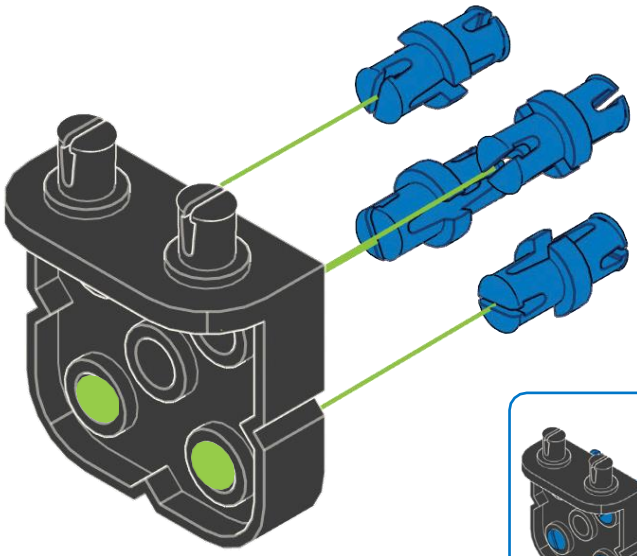

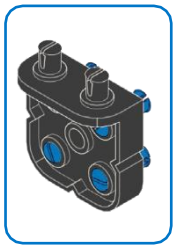

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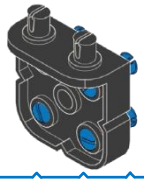

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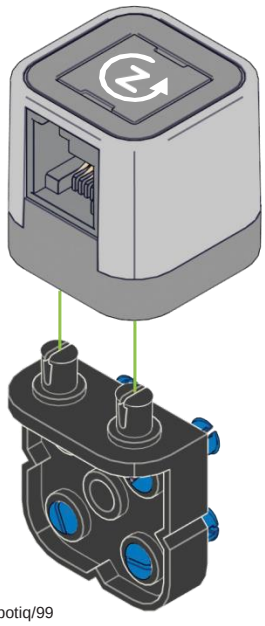

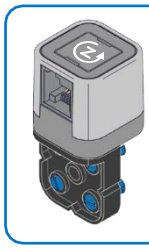

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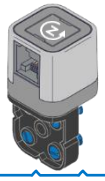

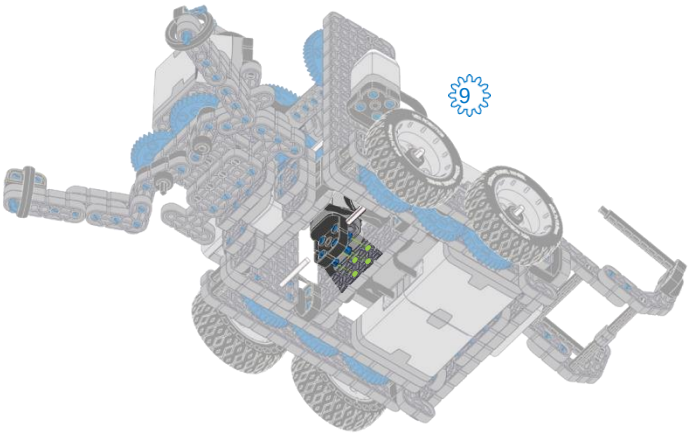

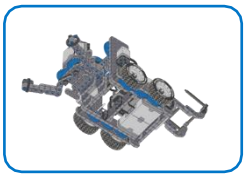

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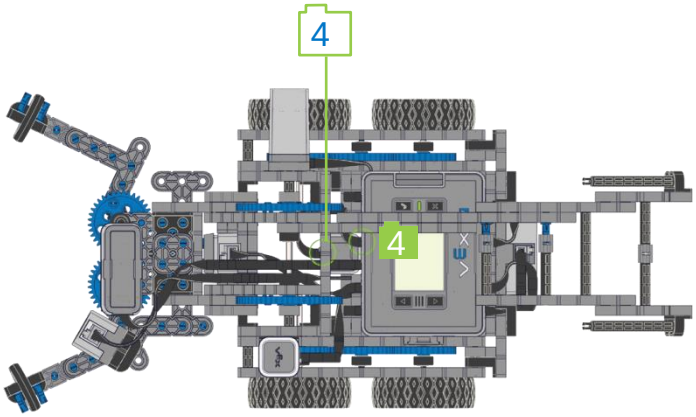

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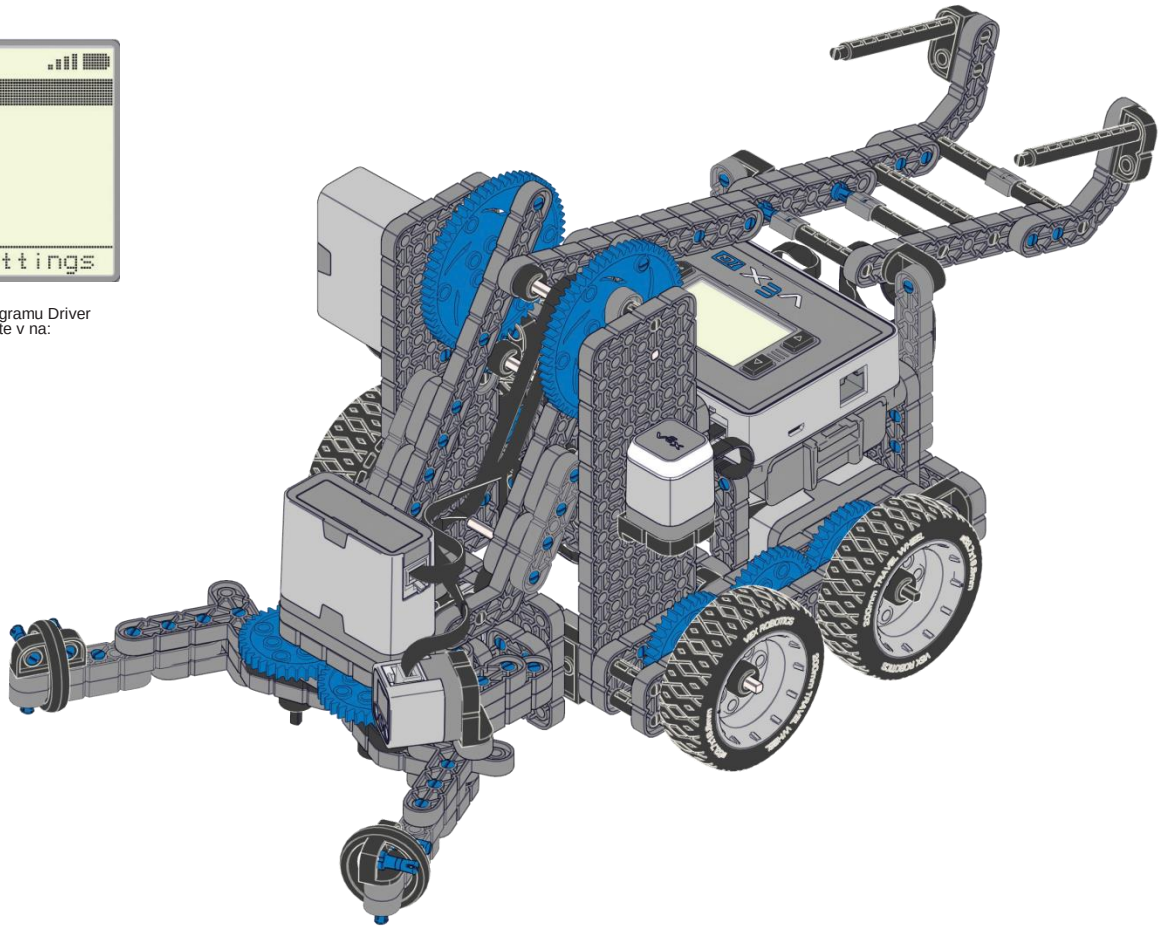
6,1 Informace o programu Driver Control naleznete v na:



4 Pokyny k robotu Autopilot

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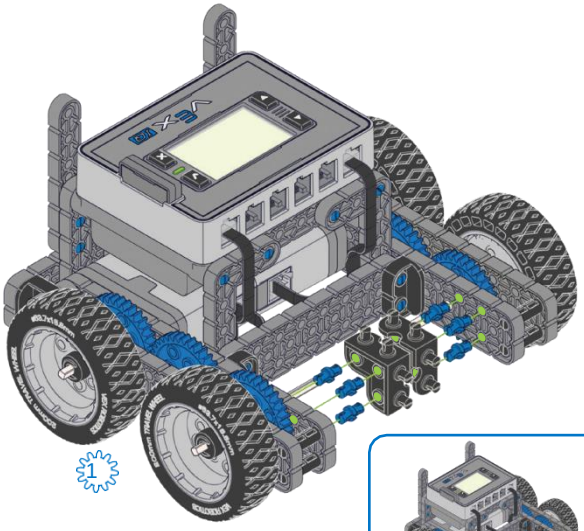
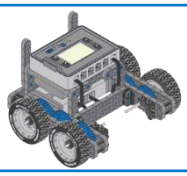
2x
228-2500-126





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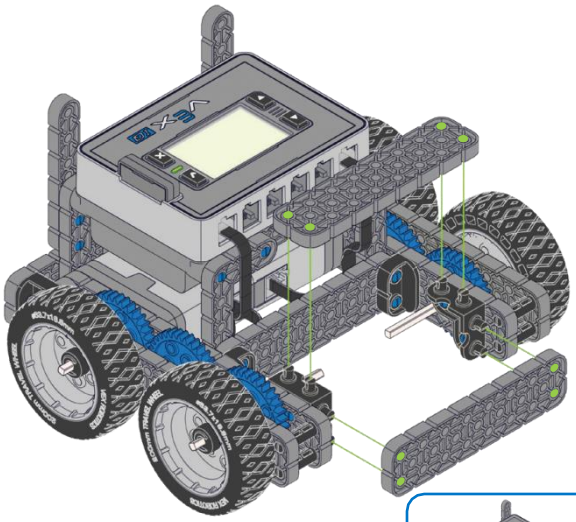

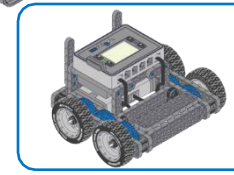

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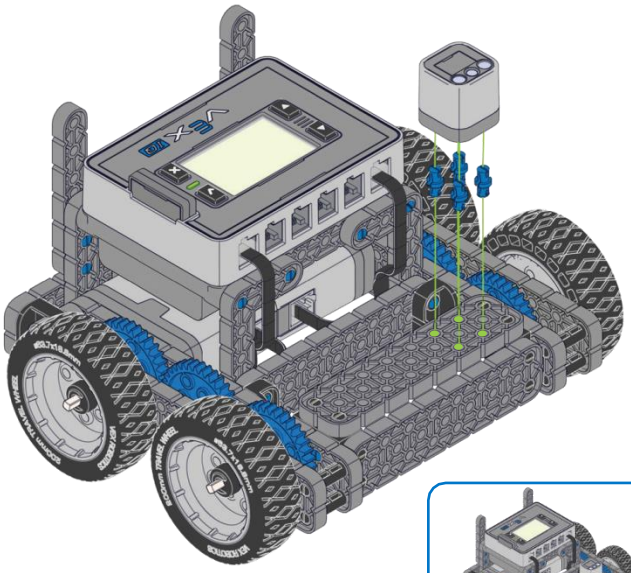

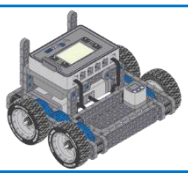

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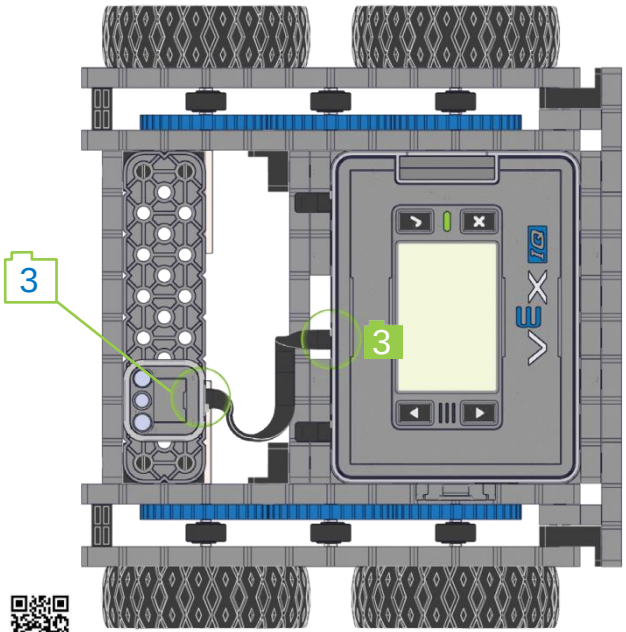
105

228-2780-002 300mm



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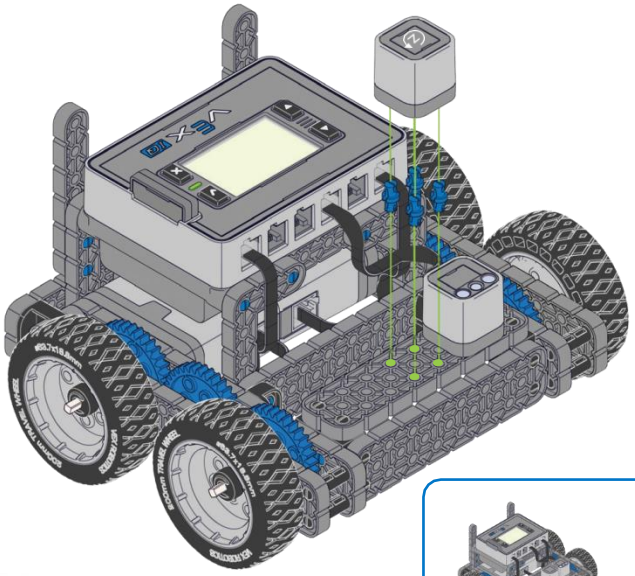

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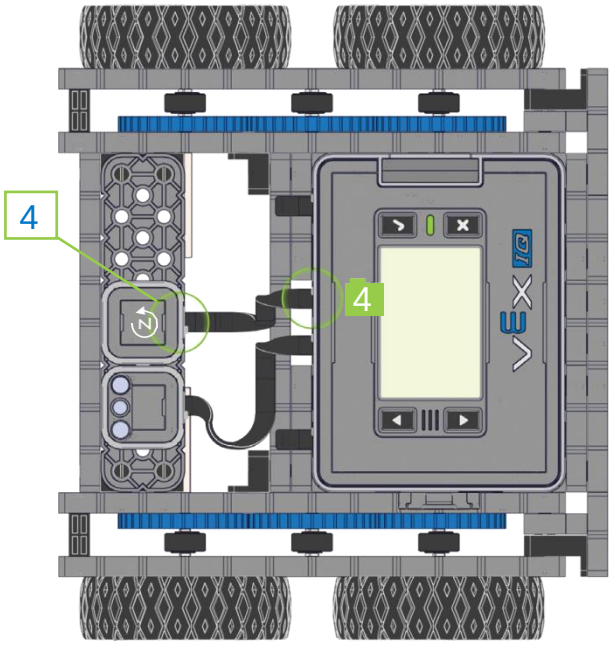

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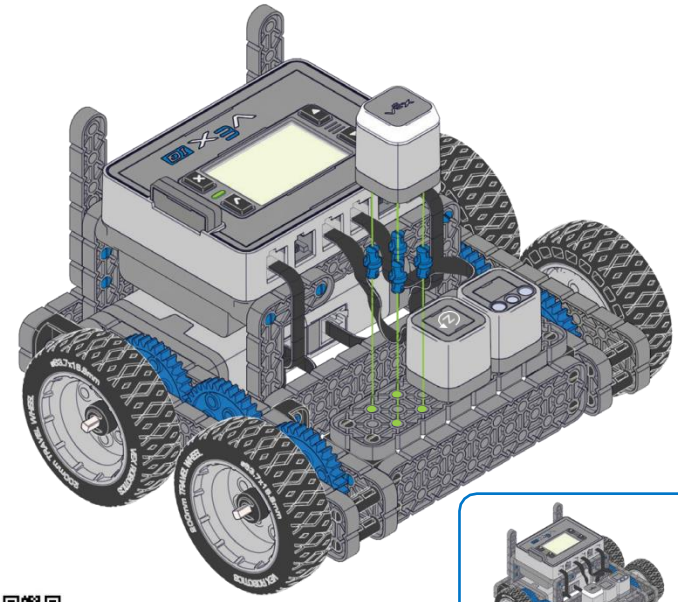

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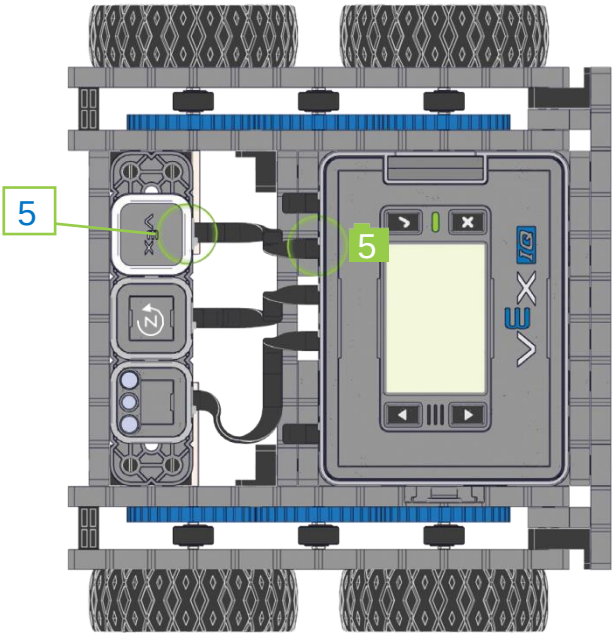

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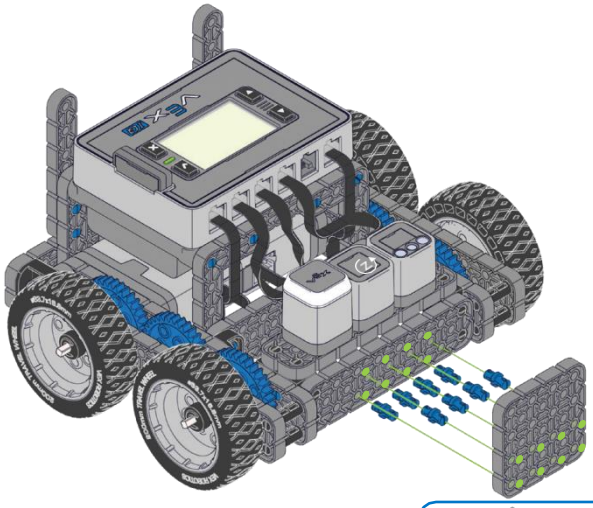

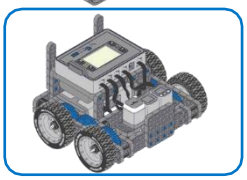

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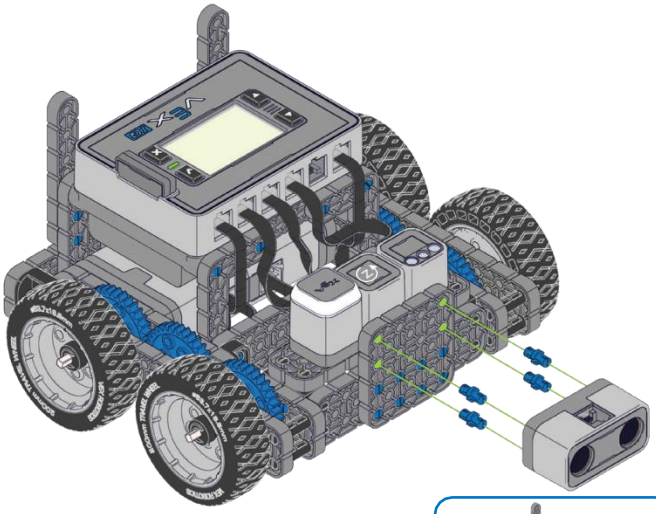

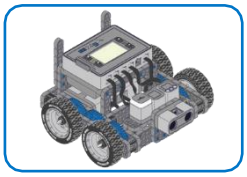

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112

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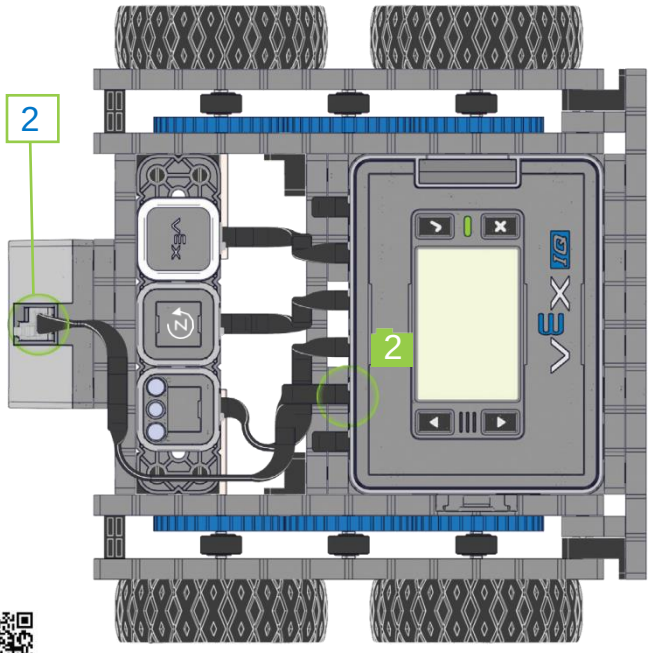

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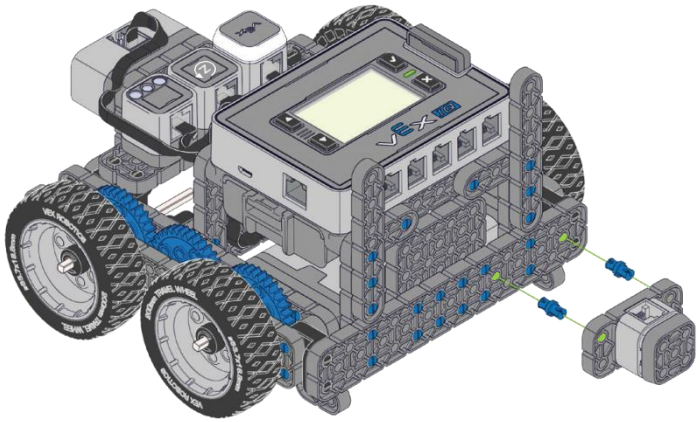

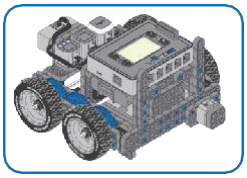

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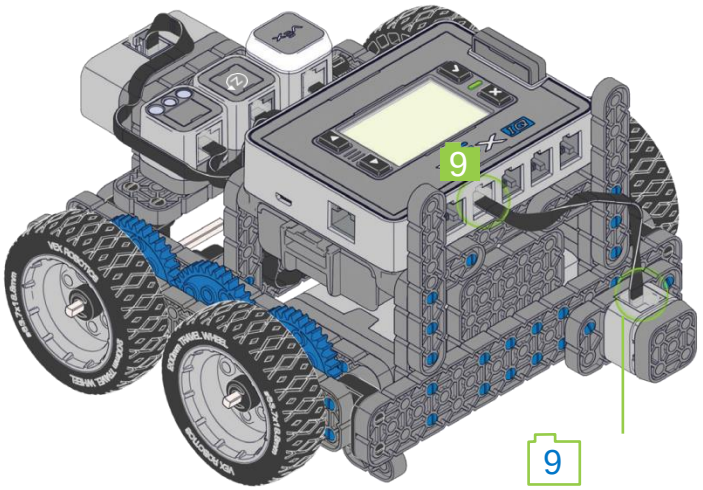

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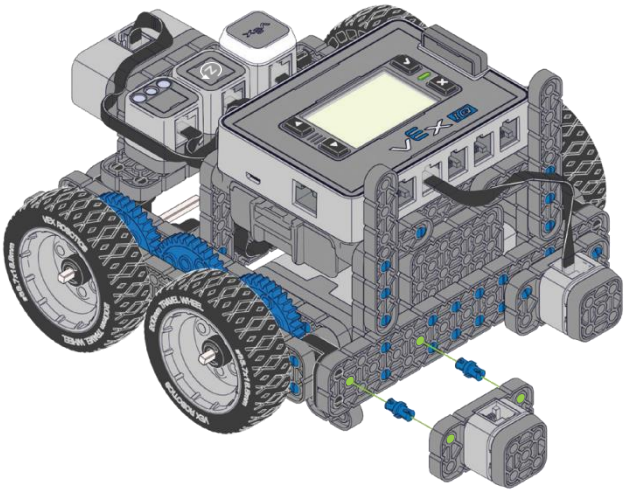

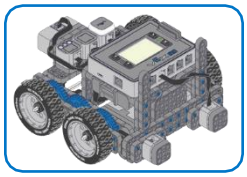

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116

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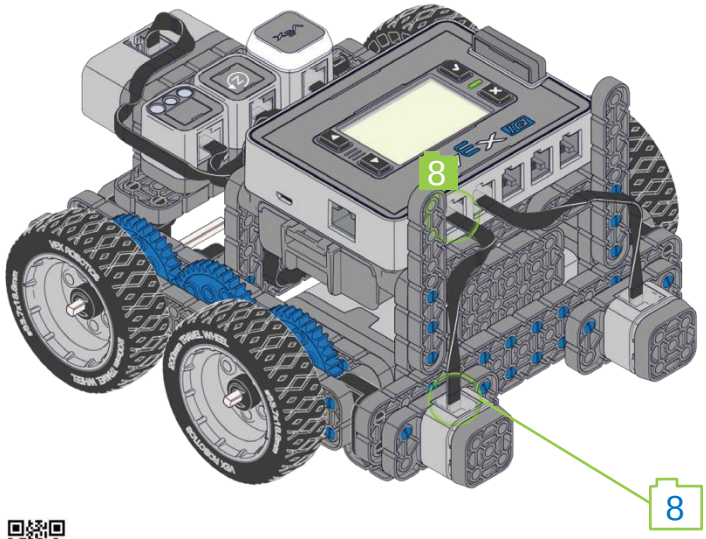

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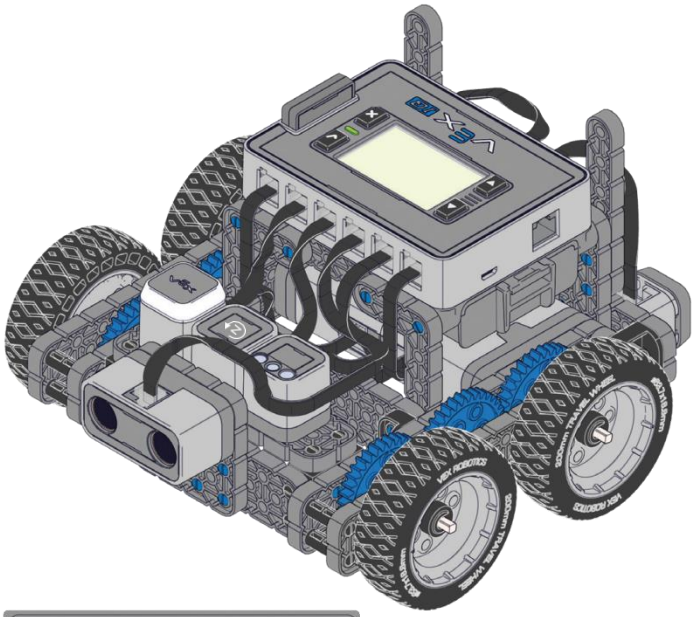
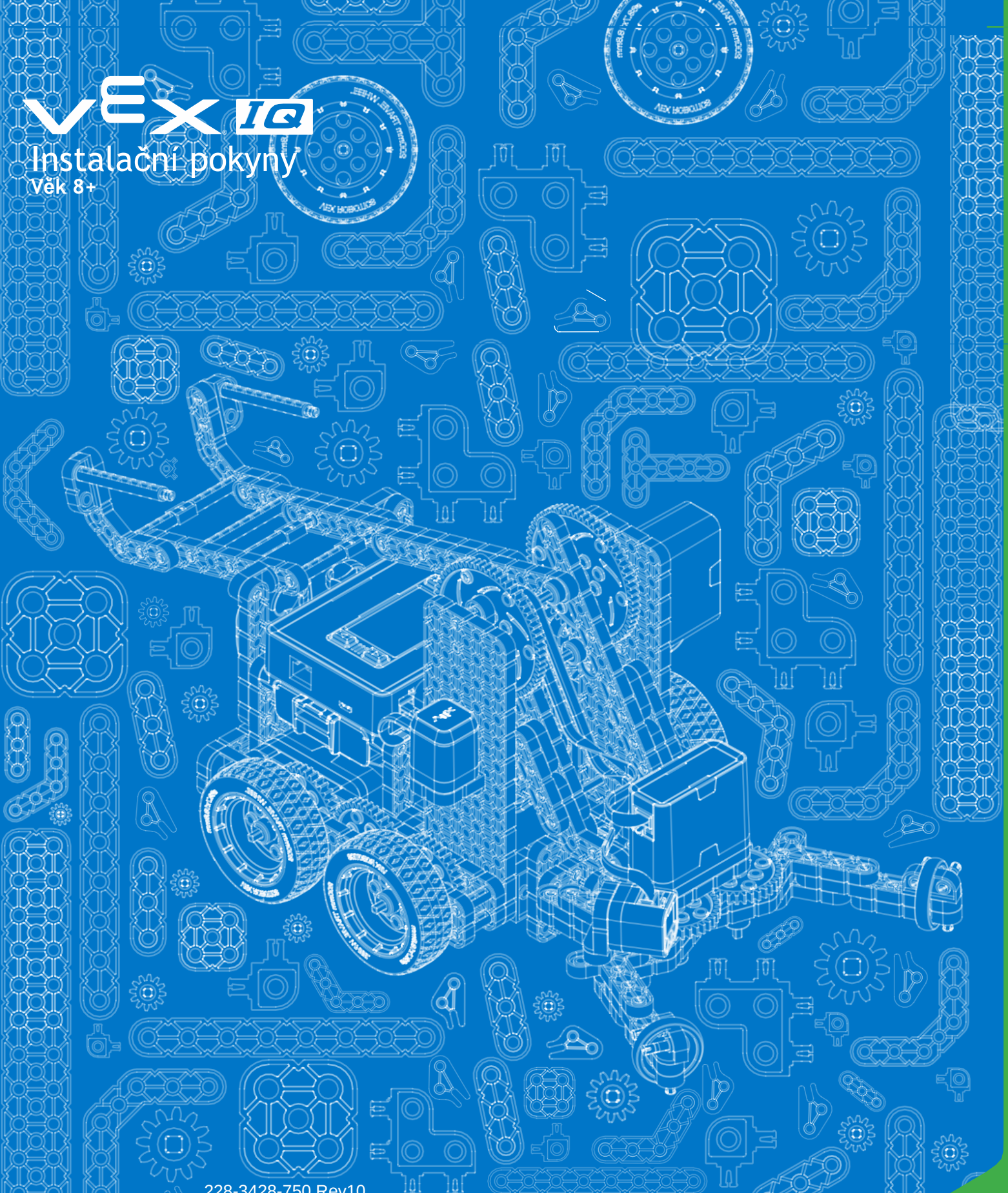


6.2 Informace o programu Autopilot naleznete na:

VEX IQ

Instalační pokyny

Věk 8+



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