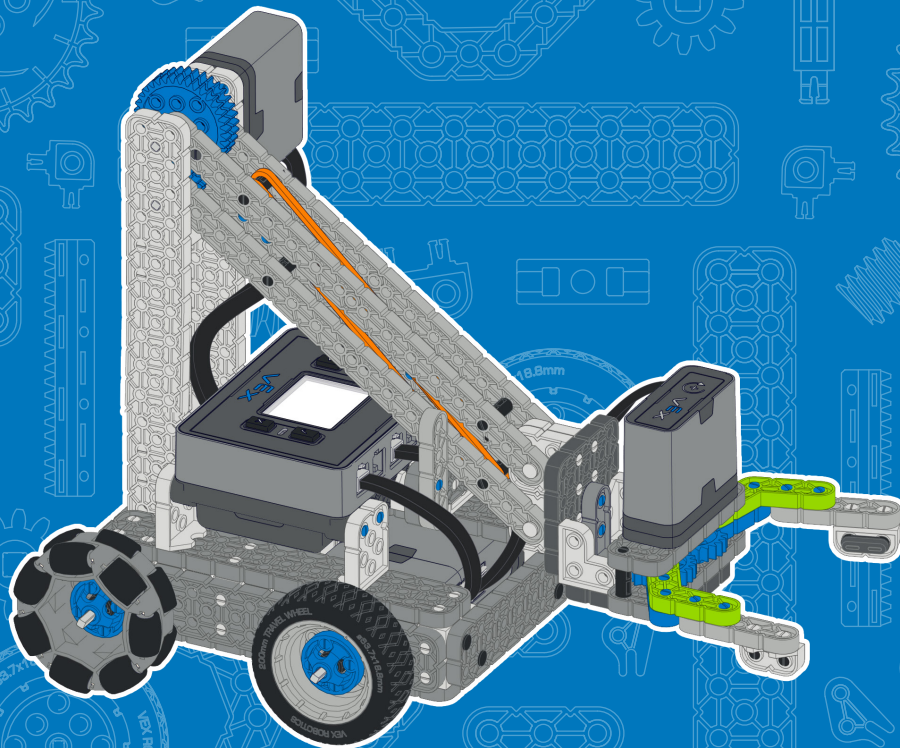


VEX IQ[®]

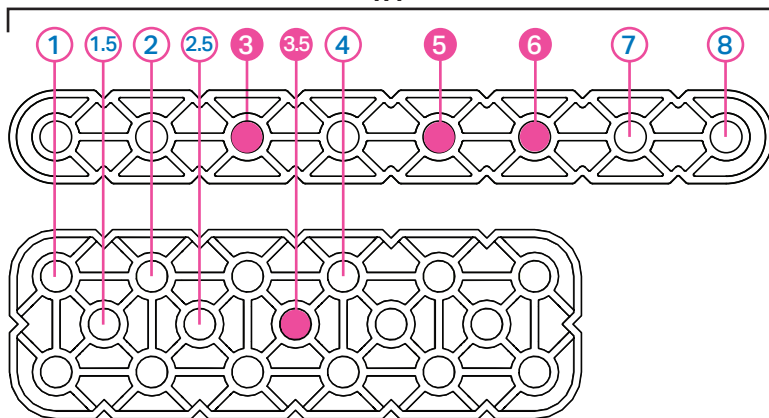
Clawbot Build Instructions



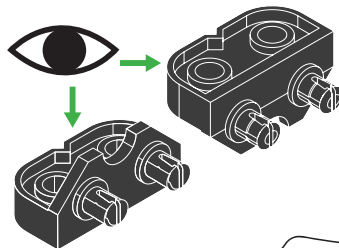
228-8899

Count before you connect • Contar antes de conectar • Compter avant de connecter • Contare i pezzi prima di collegarli • Erst zählen, dann verbinden • Policz, zanim połączysz • Tell voordat u aansluit

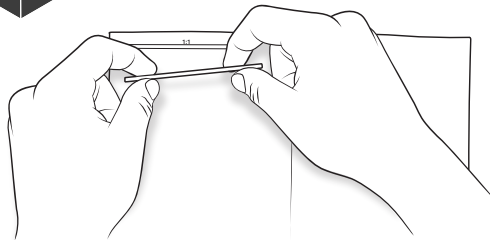
1:1



Scan to download the
VEX IQ Part Ruler PDF



Confirm orientation
Confirmar orientación
Confirmez l'orientation
Confermare l'orientamento
Ausrichtung prüfen
Potwierdź orientację
Bevestig orientatie



Check pieces against actual size in manual
Verificar partes contra tamaño real en el manual
Verifiez les pièces contre leurs tailles réelles dans le manuel
Controllare le dimensioni dei pezzi nel manuale rispetto alla grandezza naturale
Bauteile mit der originalgröße in der anleitung vergleichen
Sprawdź elementy względem rzeczywistego rozmiaru w instrukcji
Check stukken tegen de werkelijke grootte in de handleiding



Alert
Alerta
Alerte
Attenzione
Warnung
Ostrzeżenie
Waarschuwing



Correct
Correcto
Correcte
Corretto
Richtig
Prawidłowo
Correct



Pivot
Pivote
Pivot
Imperniare
Drehbar lagern
Obracać się na osi
Draaien



Incorrect
Incorrecto
Incorrecte
Non corretto
Falsch
Nieprawidłowo
Verkeerd



Alternate view
Vista alternativa
Autre vue
Vista alternativa
Andere ansicht
Widok alternatywny
Vitzicht



Size
Tamaño
Taille
Dimensione
Größe
Rozmiar
Grootte



Notice
Aviso
Avis
Fare attenzione
Hinweis
Zwróć uwagę
Opmerken

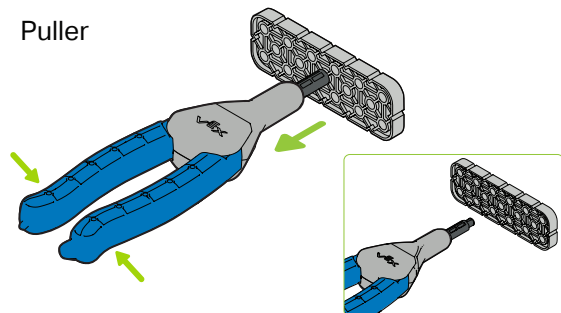


Rotate
Girar
Faire tourner
Ruotare
Drehen
Obróć
Draaien

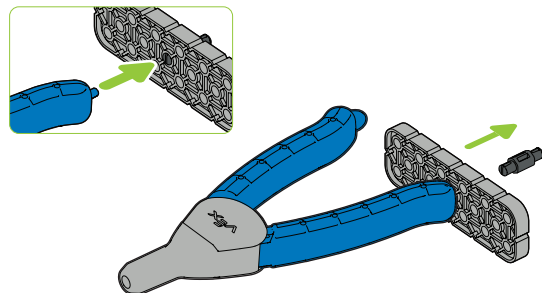


Flip
Voltear
Retourner
Capovolgere
Umdrehen
Przerzuć
Omdraaien

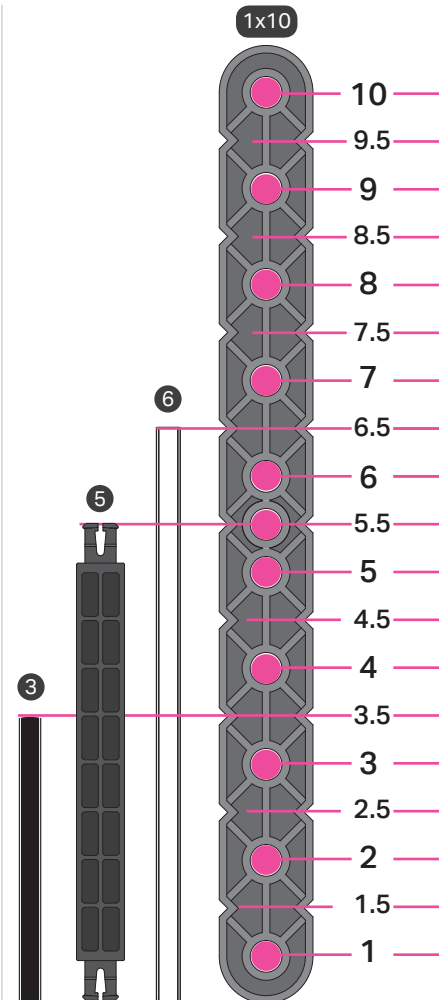
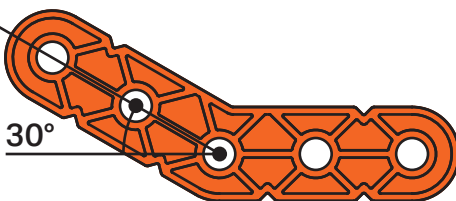
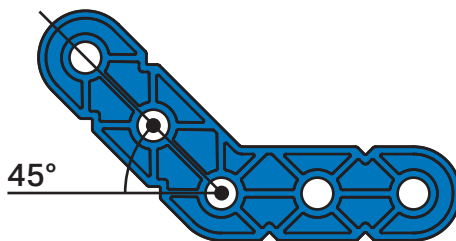
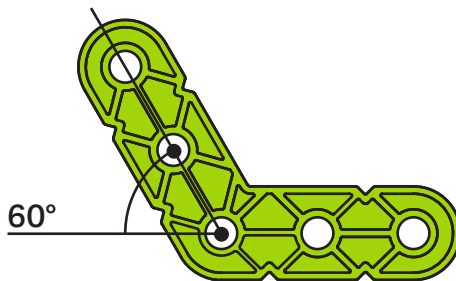
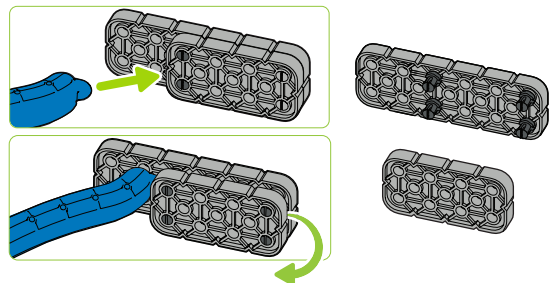
Puller

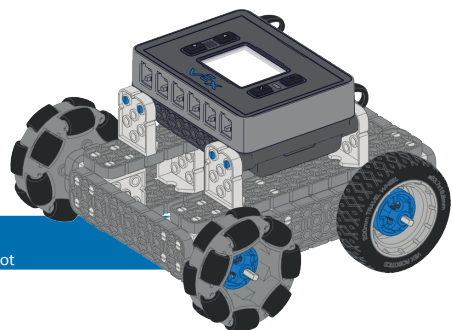


Pusher



Lever





1x

BaseBot



12x

0.25x

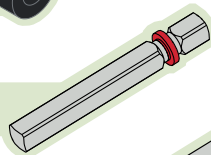
Pitch Shaft Spacer



2x

2

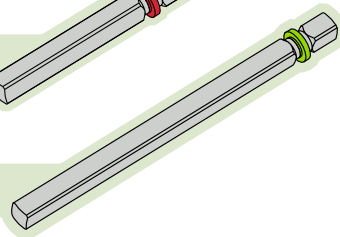
Pitch Motor Shaft



2x

4

Pitch Motor Shaft



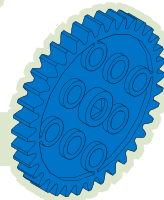
2x

12 Tooth Gear



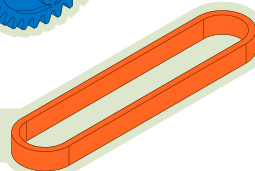
2x

36 Tooth Gear



2x

Silicone Rubber Band





40x

1x1

Connector Pin



8x

0x2

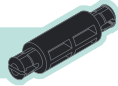
Connector Pin



6x

1x

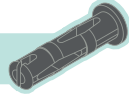
Pitch Standoff



8x

0x3

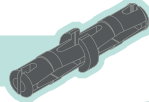
Connector Pin



1x

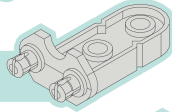
2x2

Connector Pin



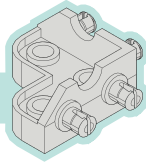
1x

2x Wide, 2x1 Offset
Corner Connector



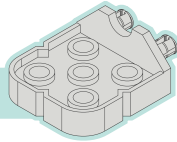
2x

Large Chassis
Corner Connector



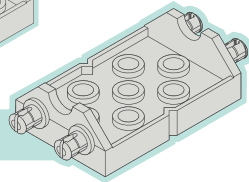
4x

2x Wide, 2x2
Corner Connector



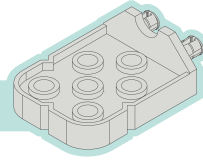
2x

Double 2x Wide, 2x2 Double
Offset Corner Connector



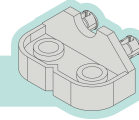
4x

2x Wide, 2x2 Offset
Corner Connector



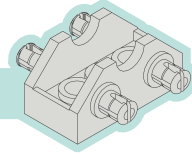
2x

2x Wide, 1x2
Corner Connector



1x

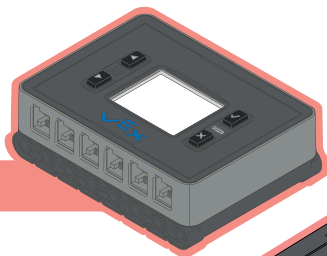
Double 2x Wide, 1x2
Corner Connector





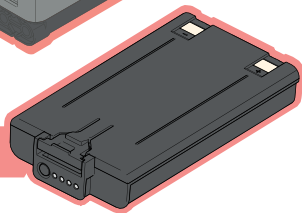
1x

Robot Brain



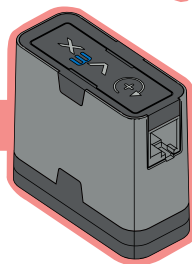
1x

Robot Battery



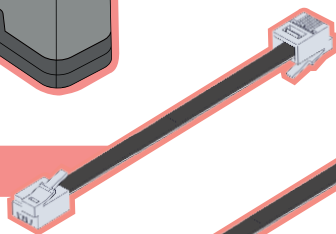
1x

Smart Motor



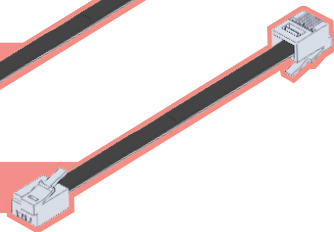
3x

200mm
Smart Cable



1x

600mm
Smart Cable





4x

1x1
Beam



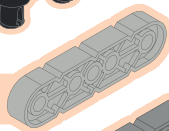
2x

Traction Link



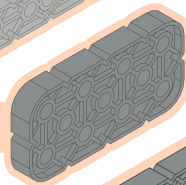
4x

1x4
Beam



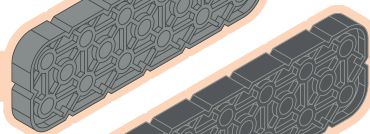
1x

2x4
Beam



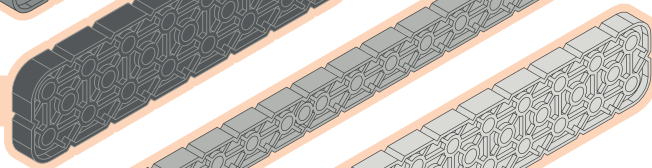
2x

2x6
Beam



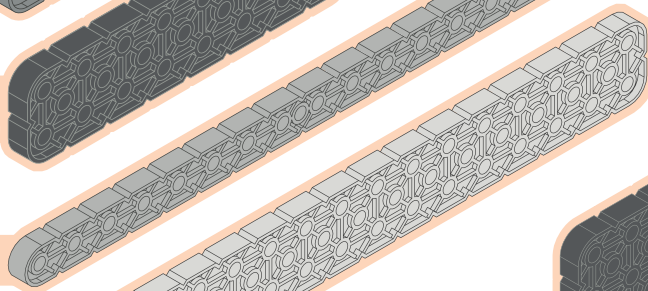
2x

2x8
Beam



4x

1x16
Beam



2x

2x16
Beam



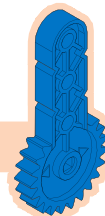
2x

Smart Cable Anchor



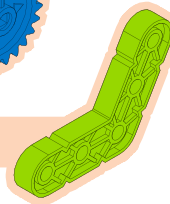
2x

1x4
Crank Arm with 23 Tooth Gear



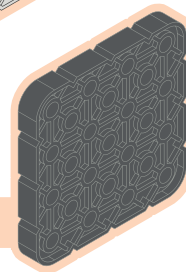
2x

3x3
60° Angle Beam

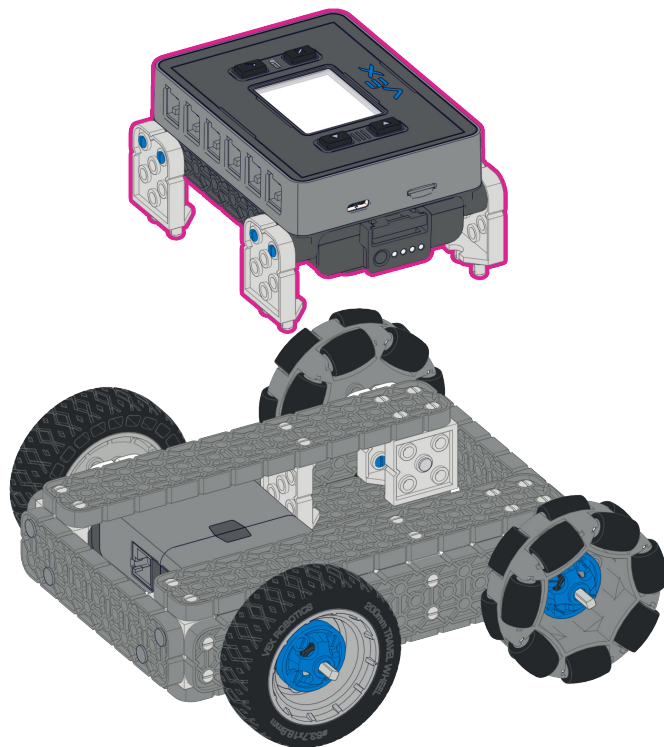
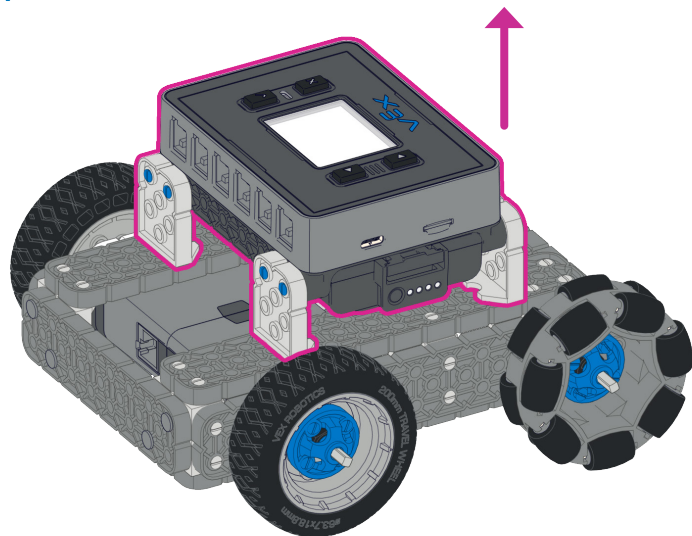


2x

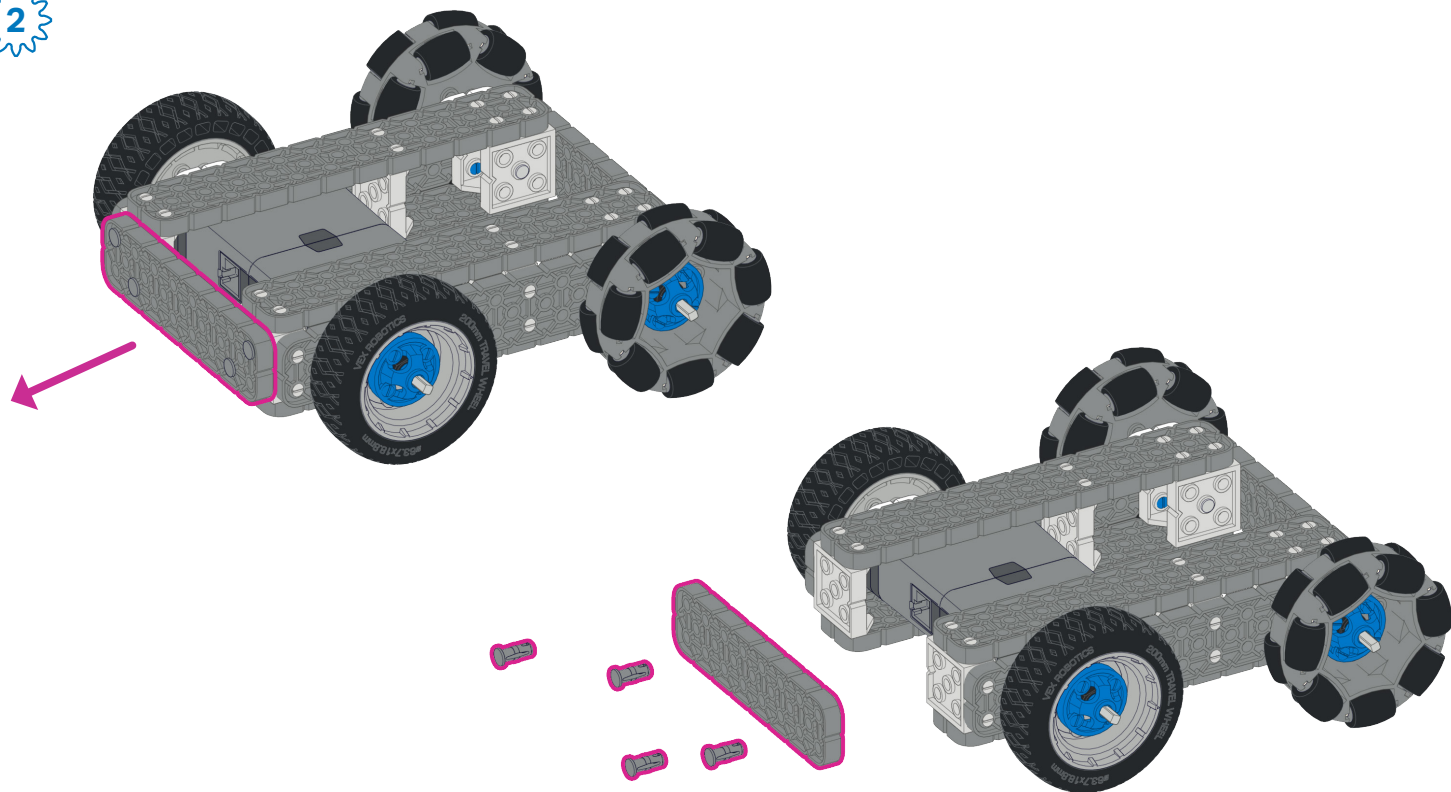
4x4
Plate



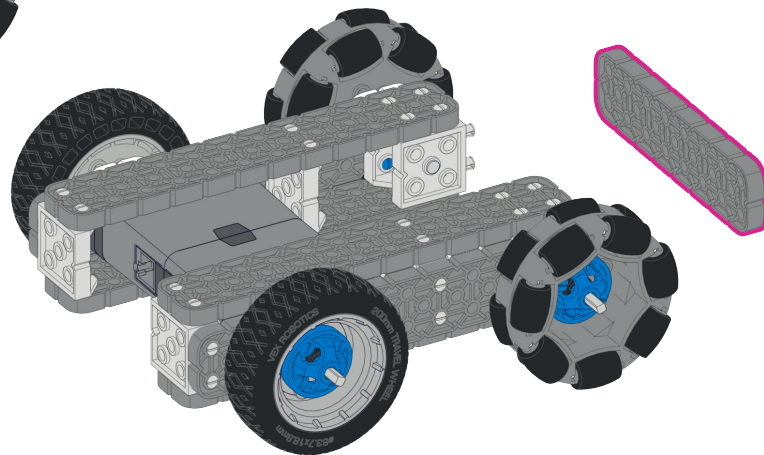
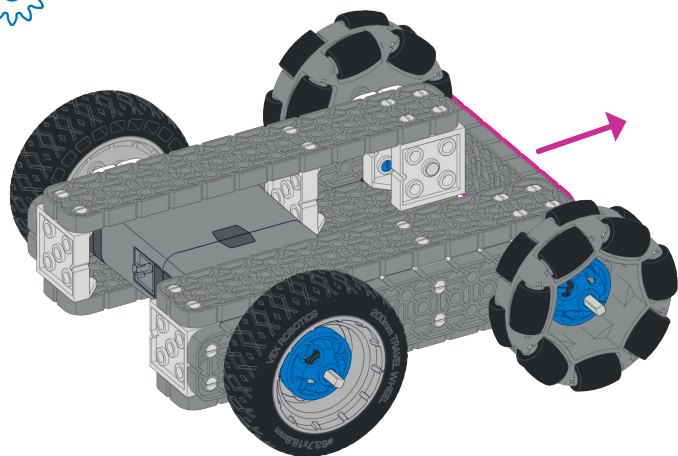
1



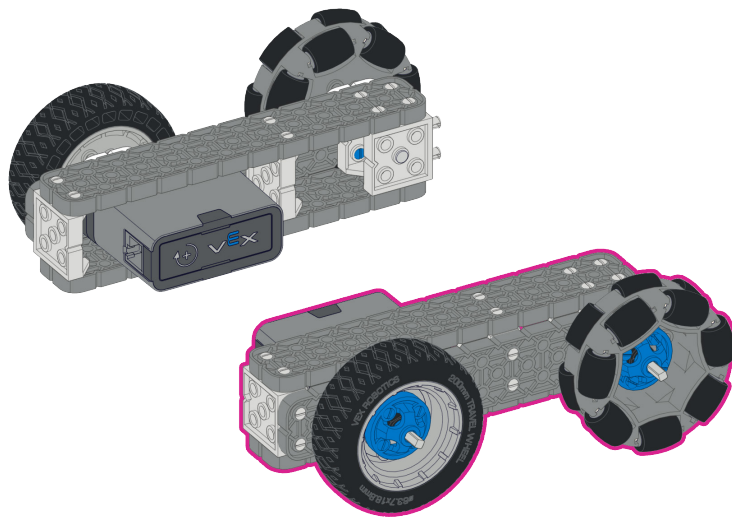
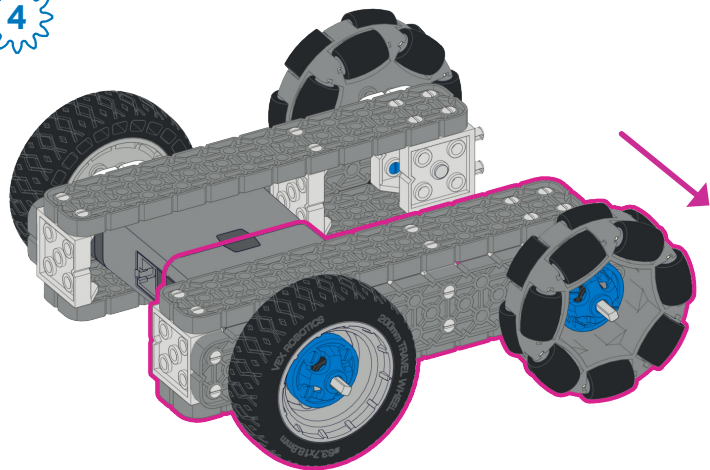
2



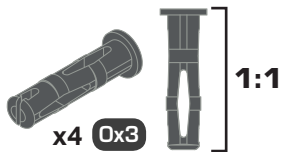
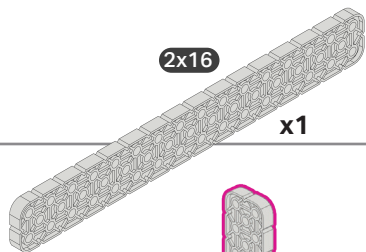
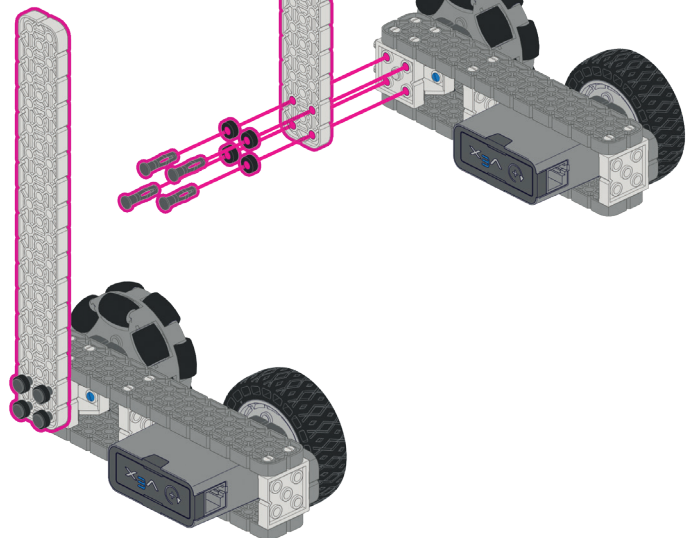
3



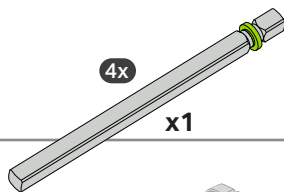
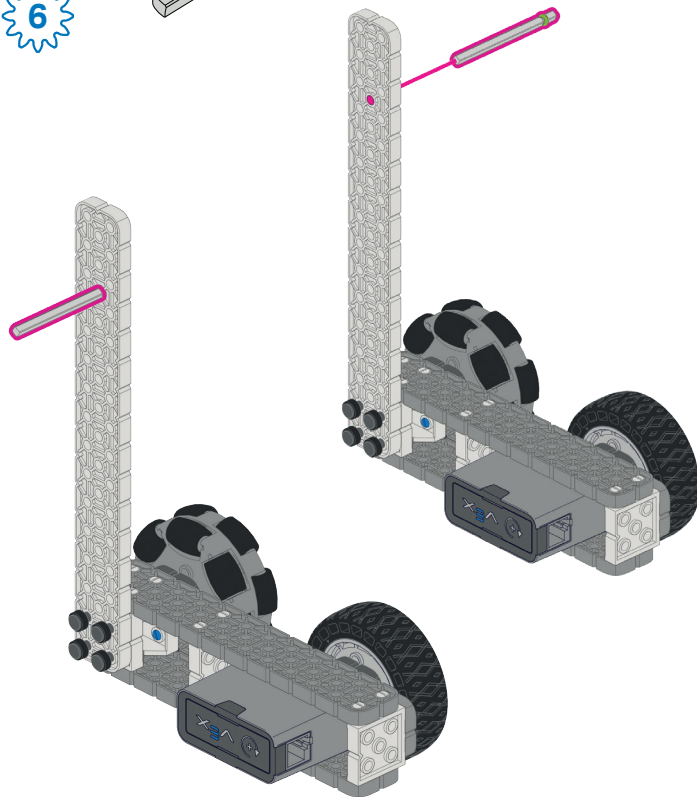
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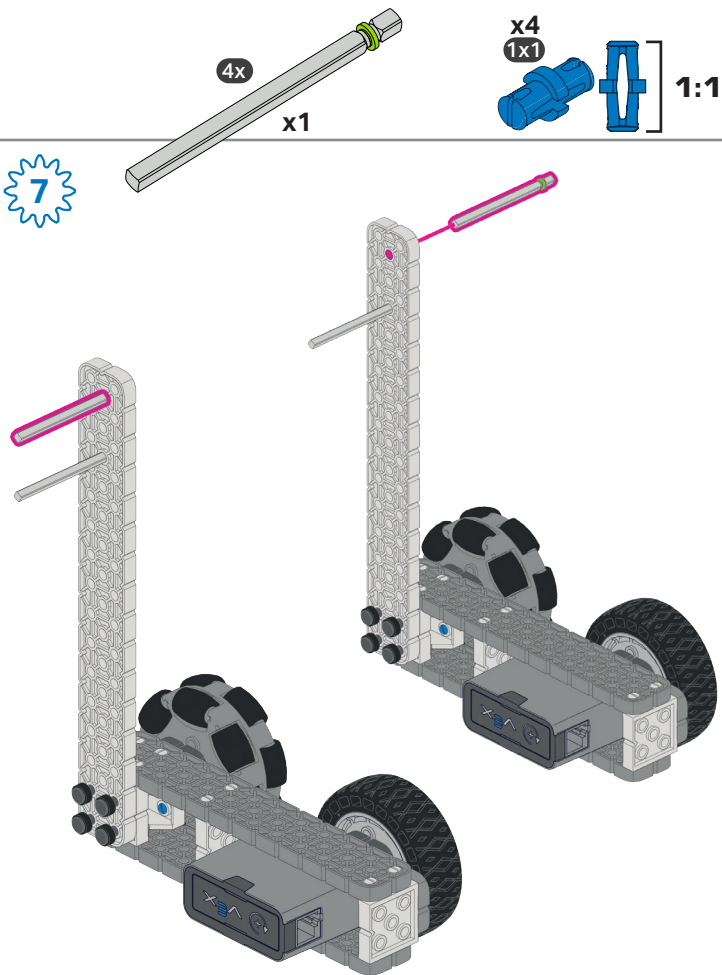
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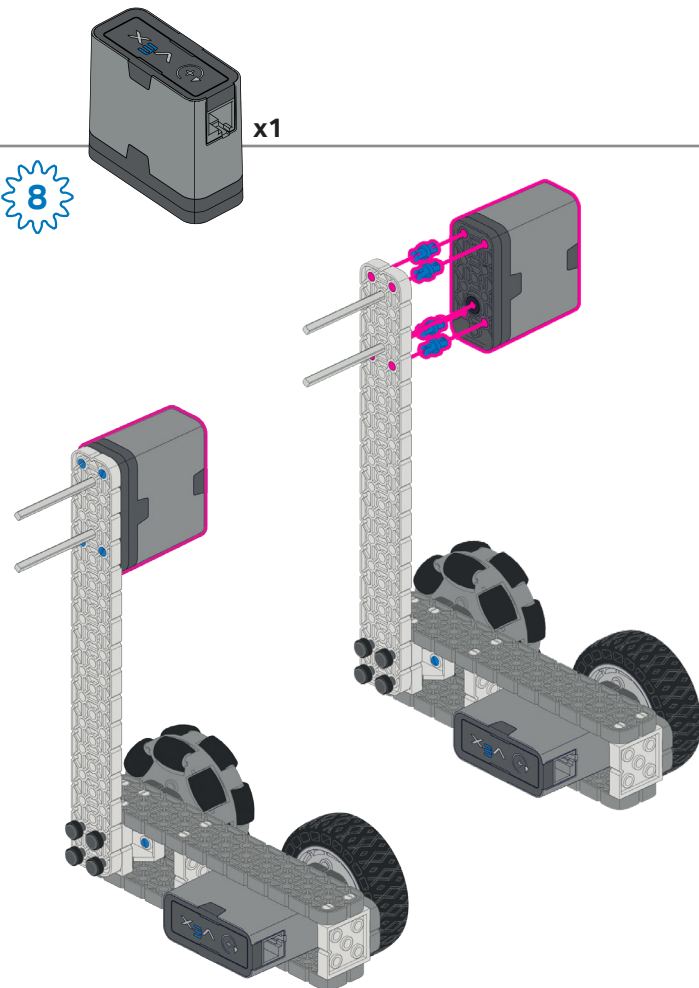
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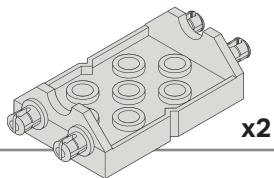


7



8



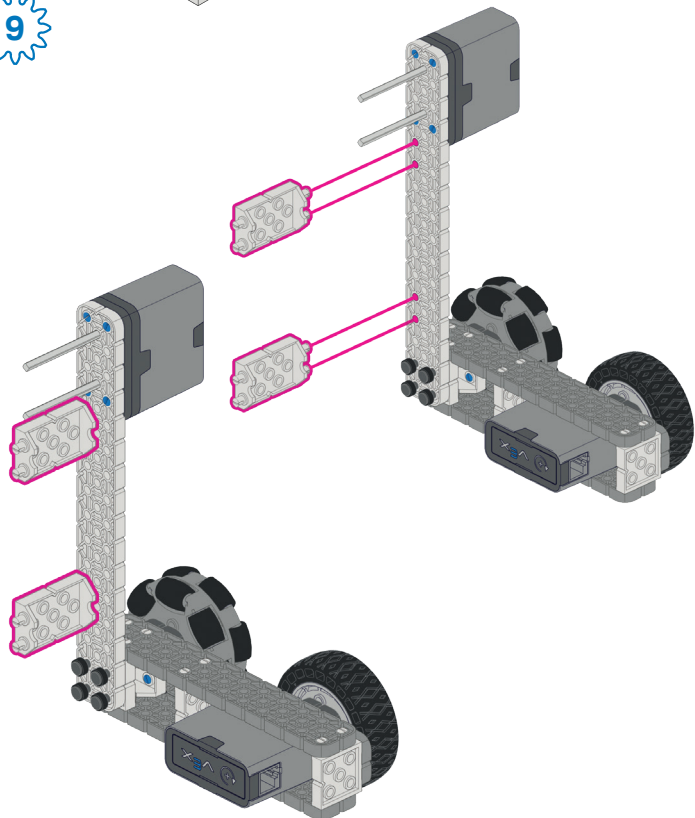


x2

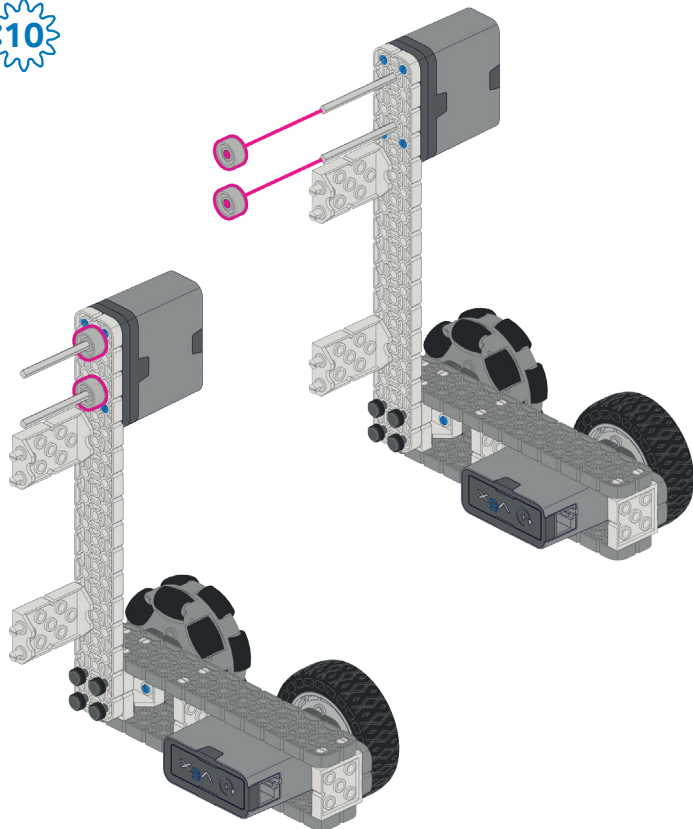


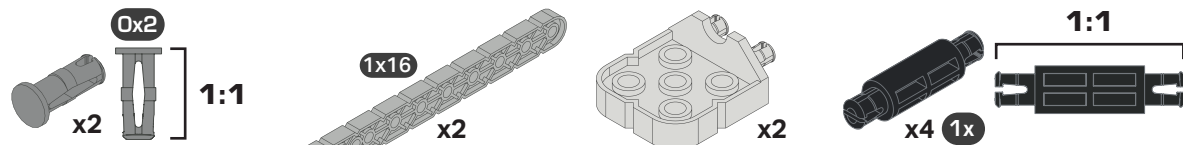
x2

9



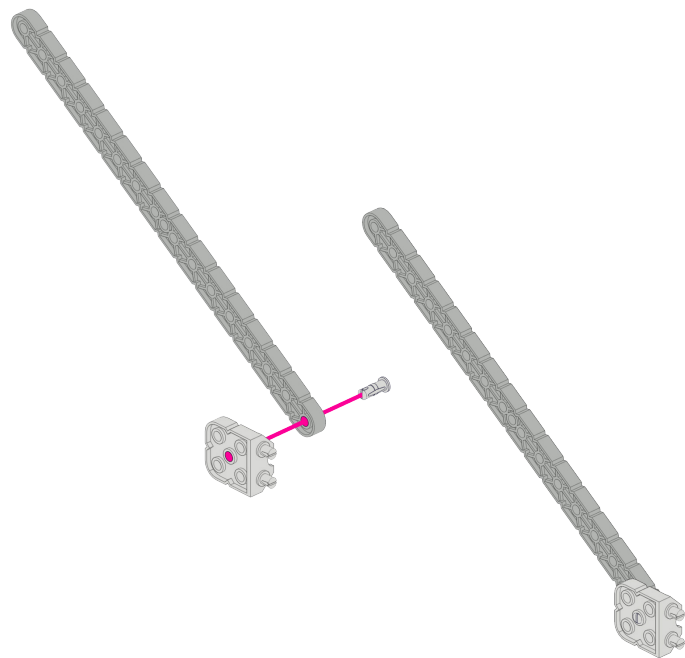
10





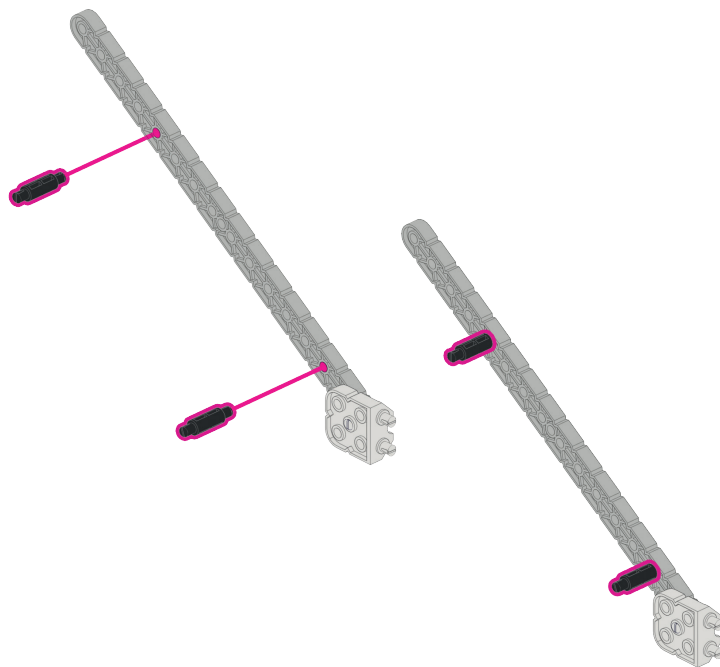
11

2X

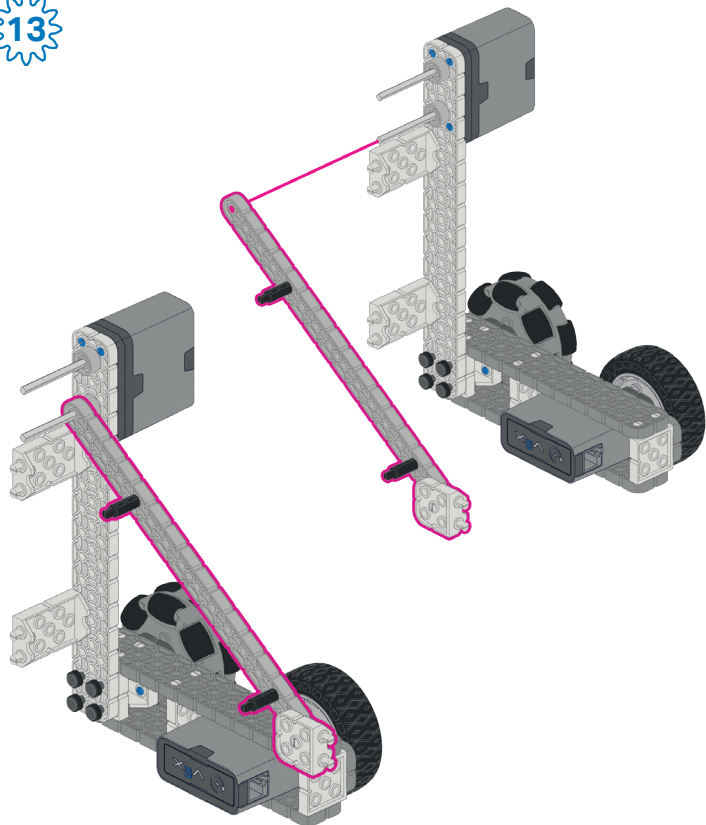


12

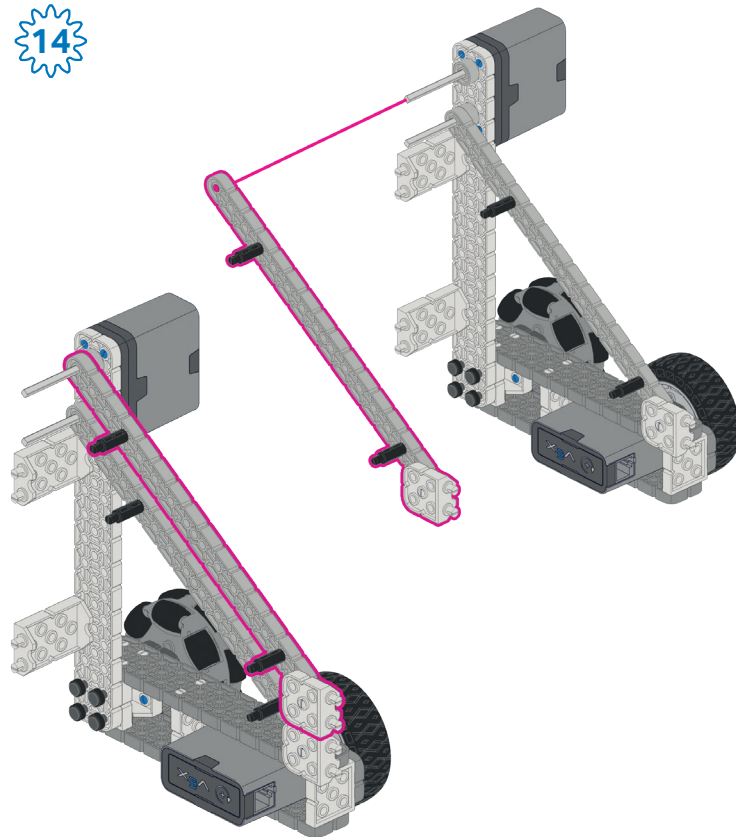
2X

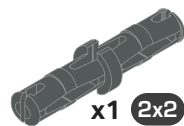
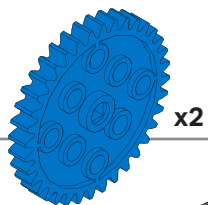


13

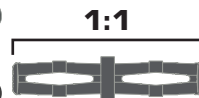


14



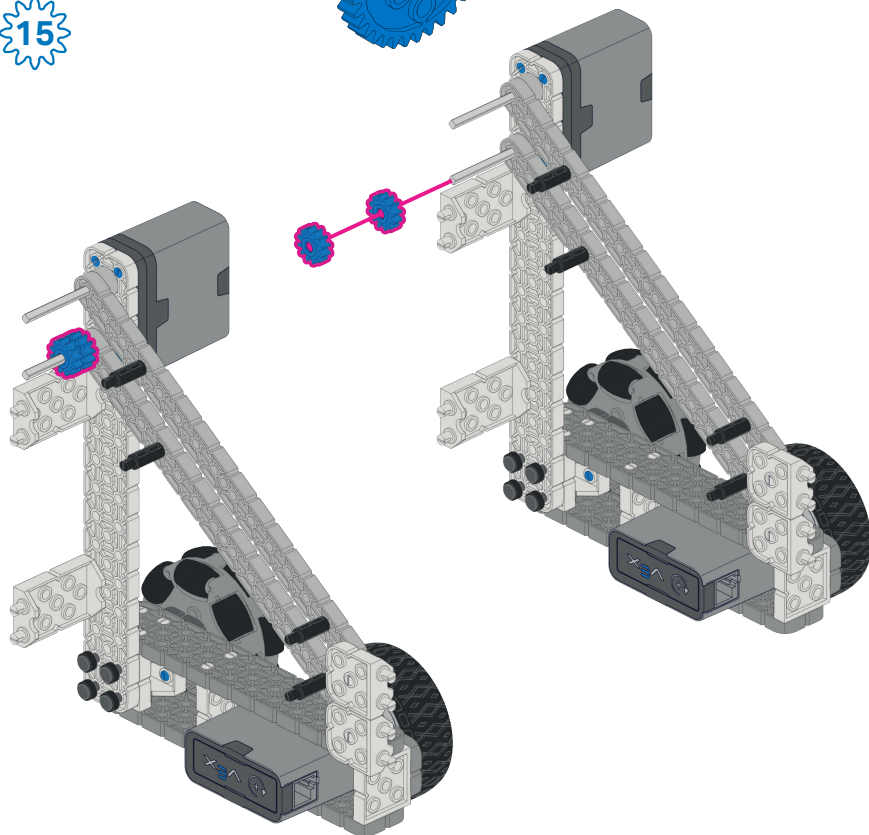


2x2

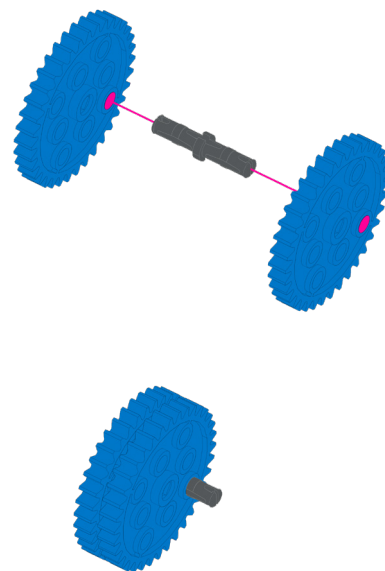


1:1

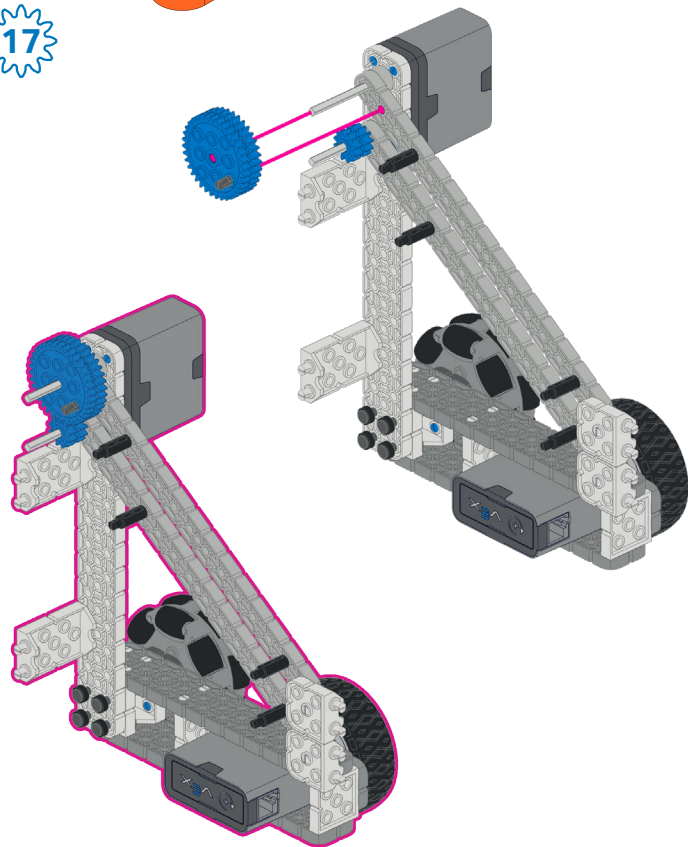
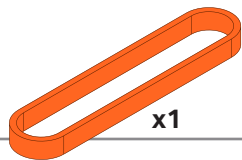
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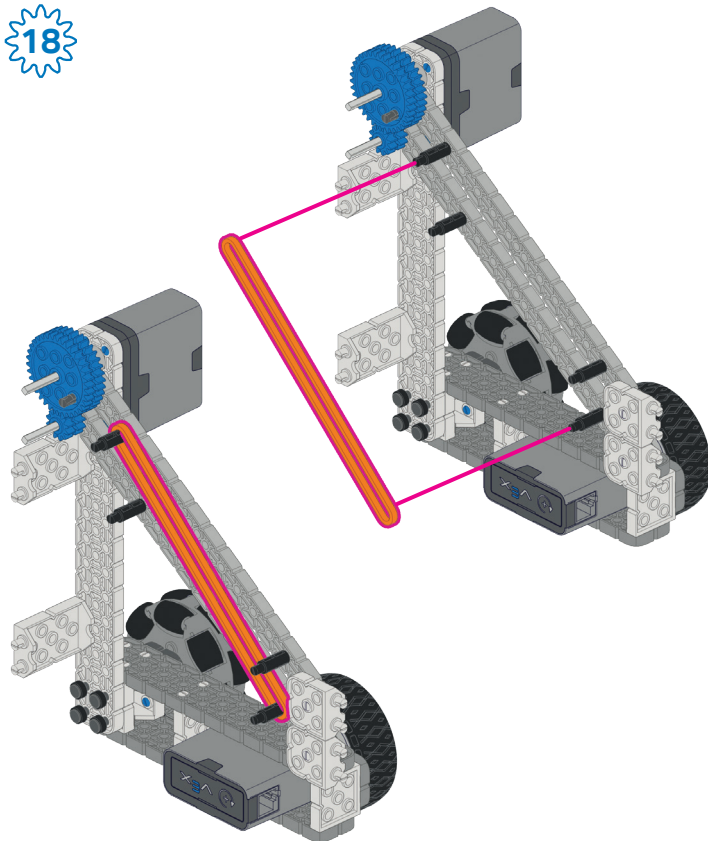
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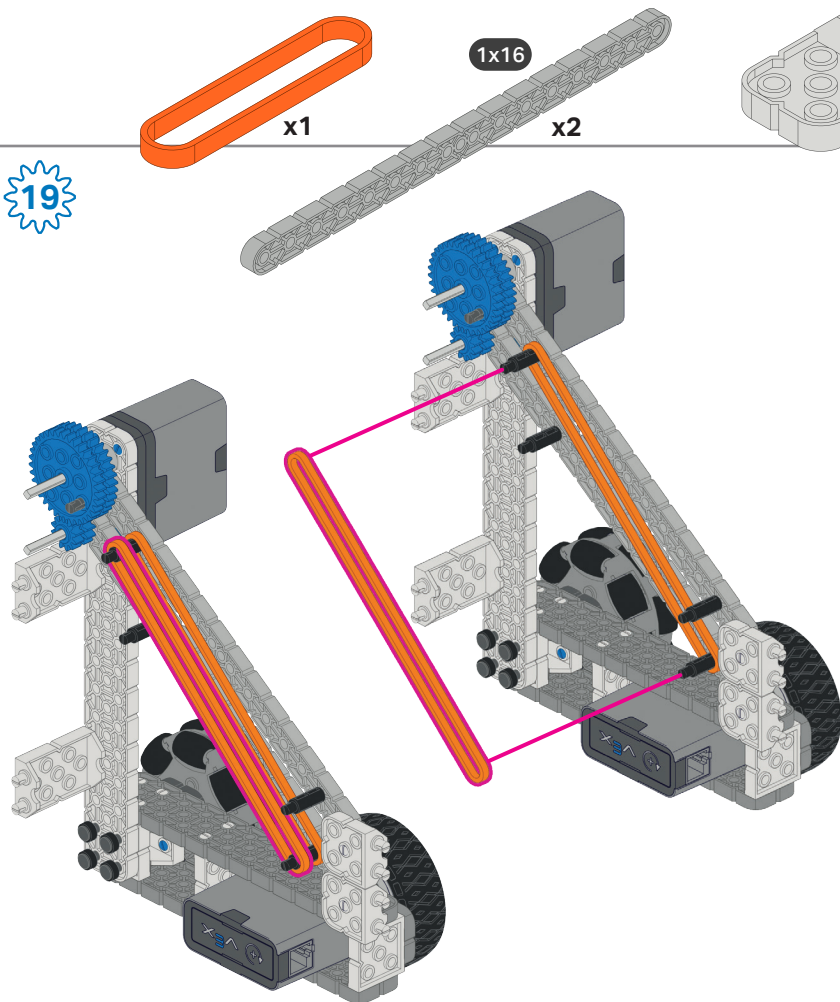
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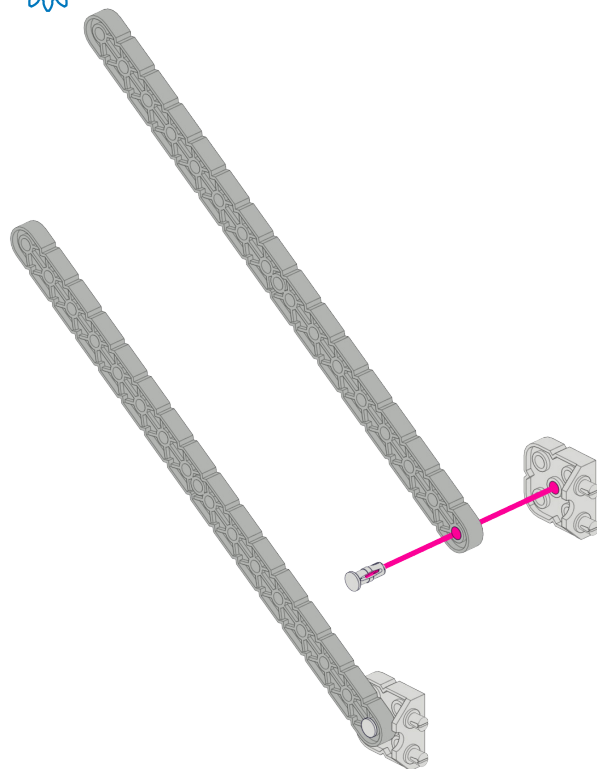
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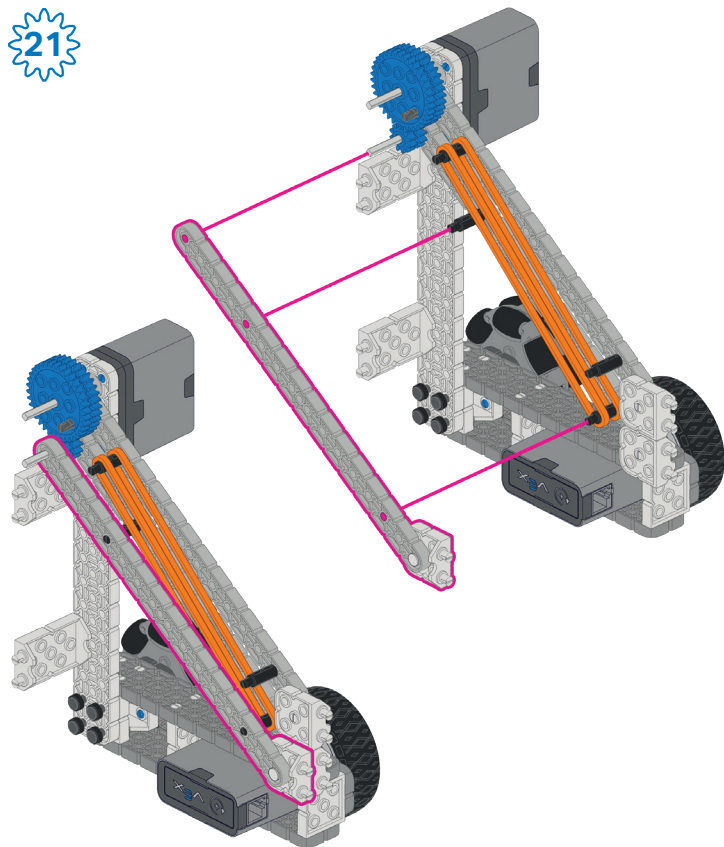
19



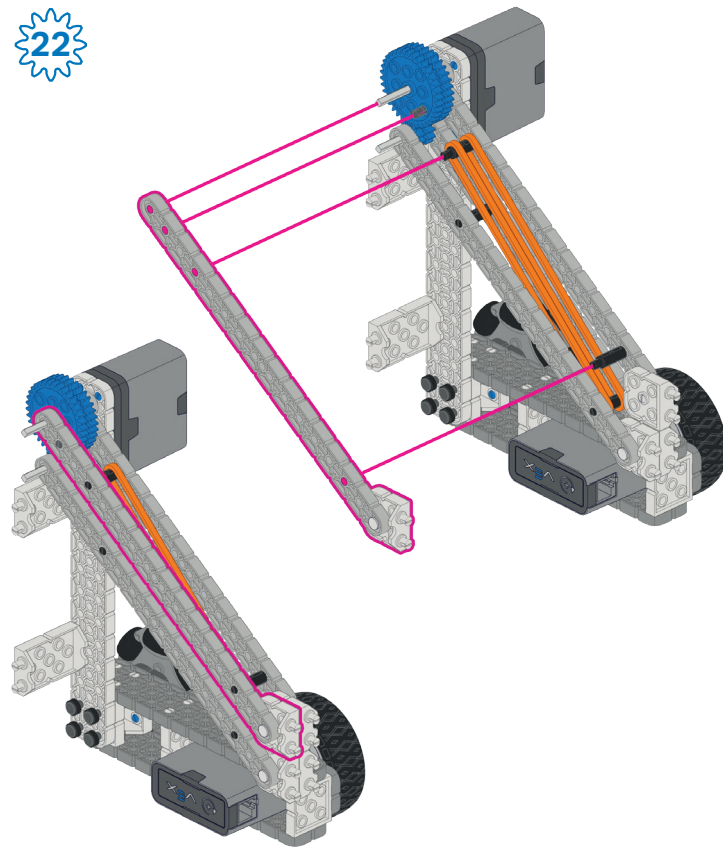
20



21



22



4x4

x1

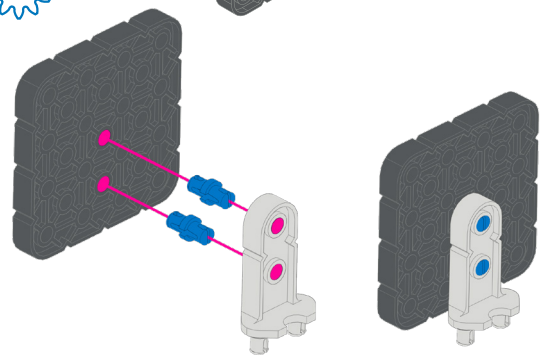
x2
1x1

1:1

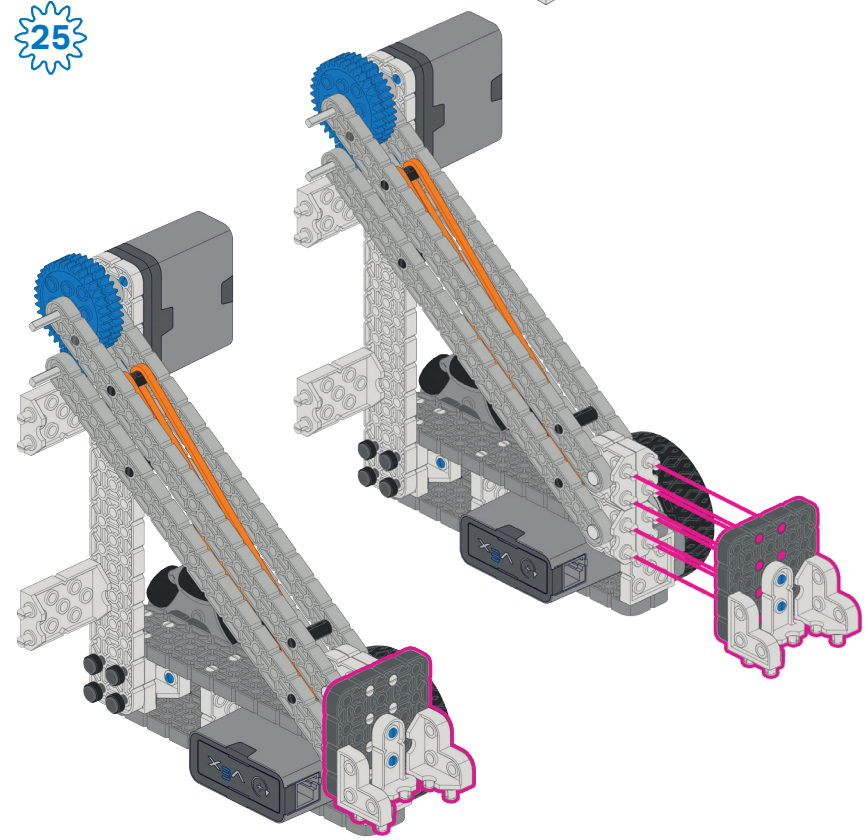
x1

x2

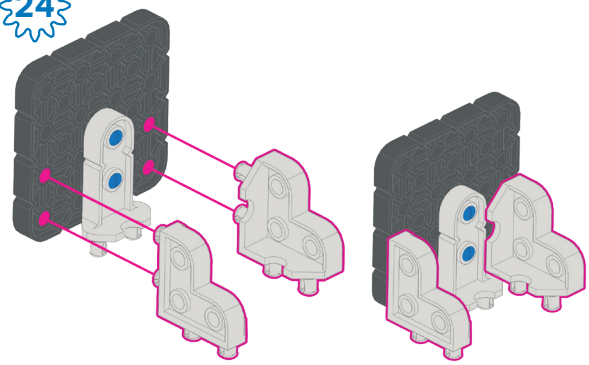
23



25



24



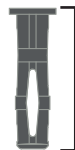


x2



x4

0x3



1:1

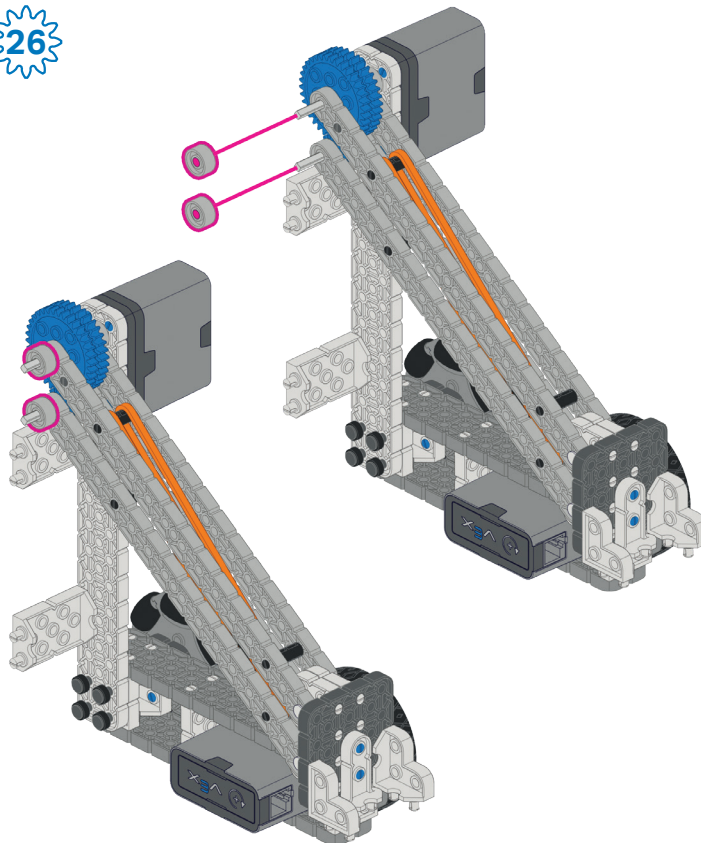


x4

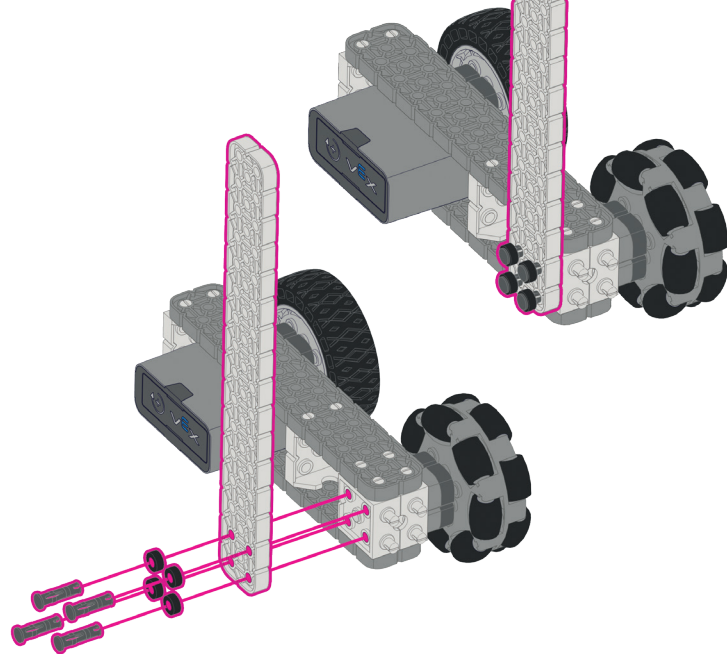
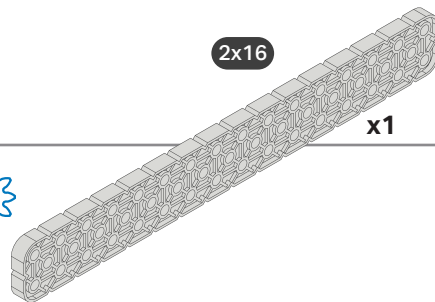
2x16

x1

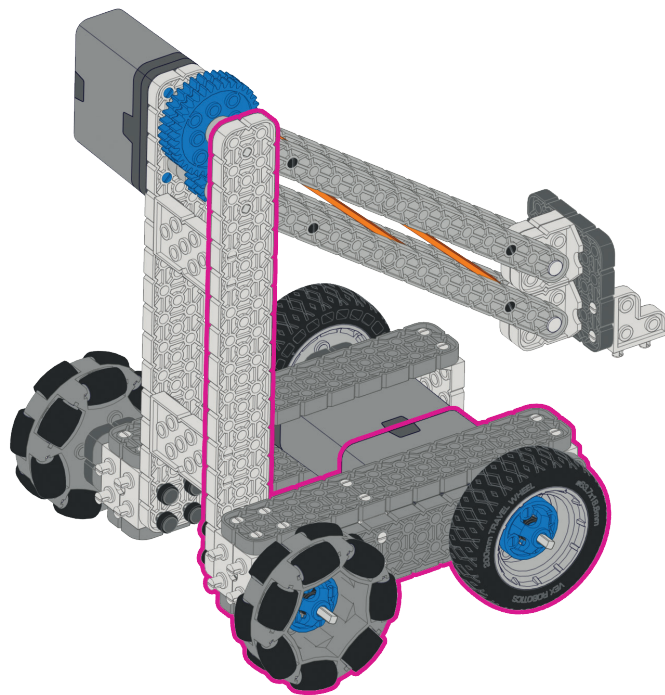
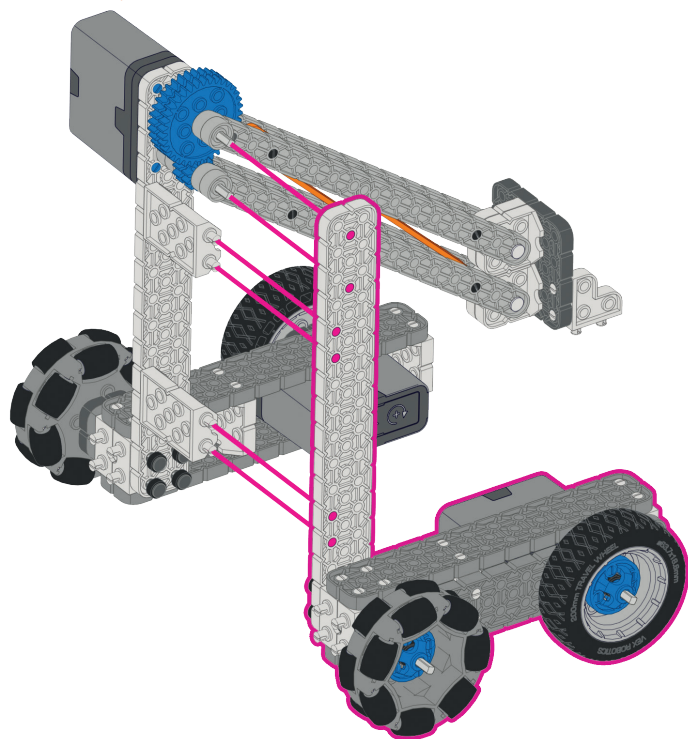
26



27



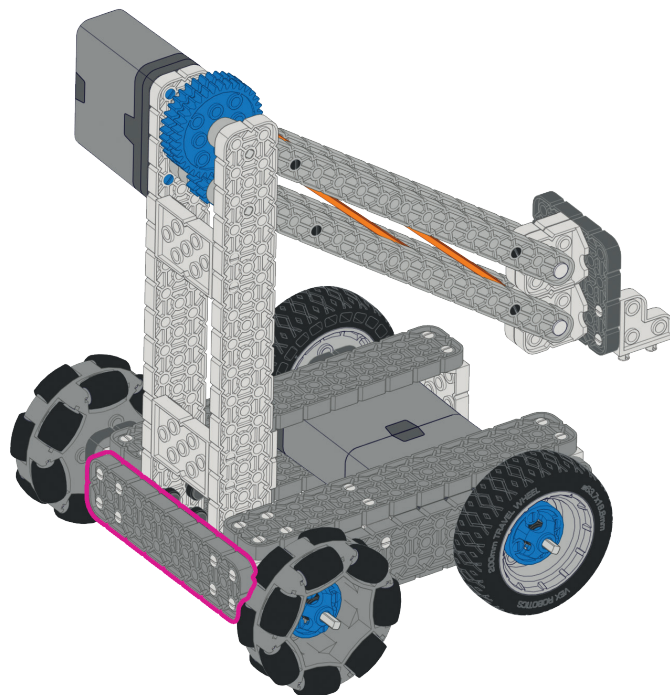
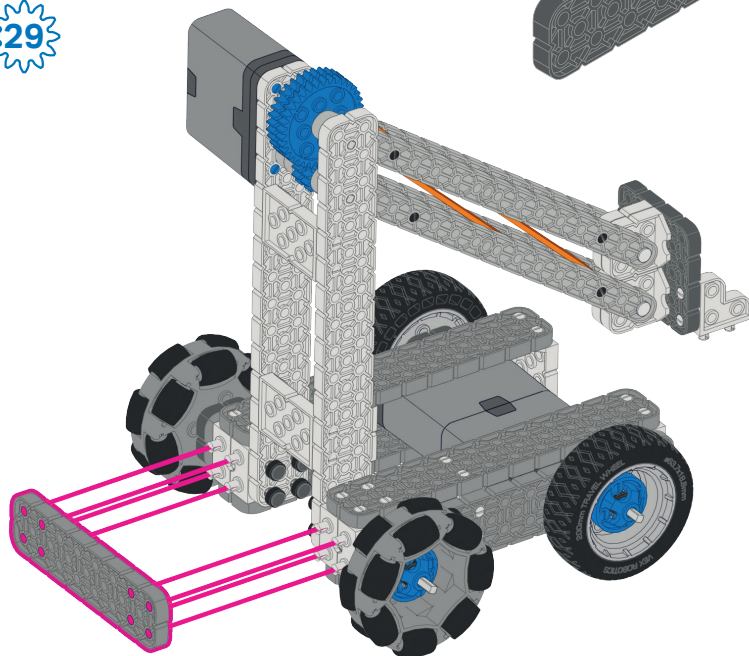
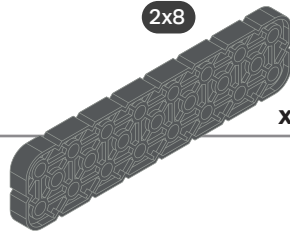
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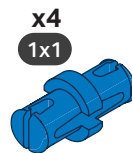
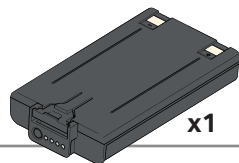
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2x8

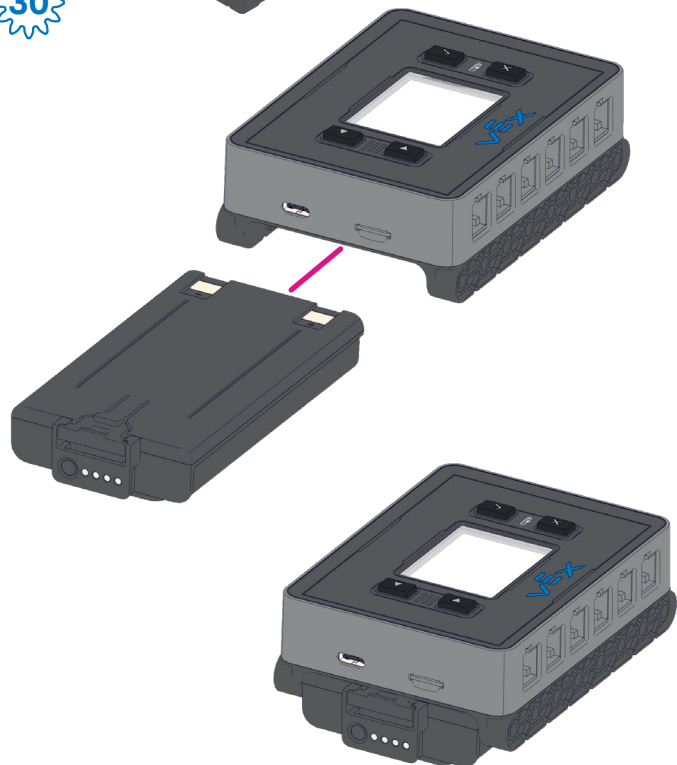
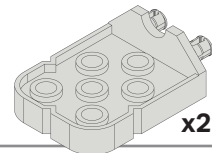
x1



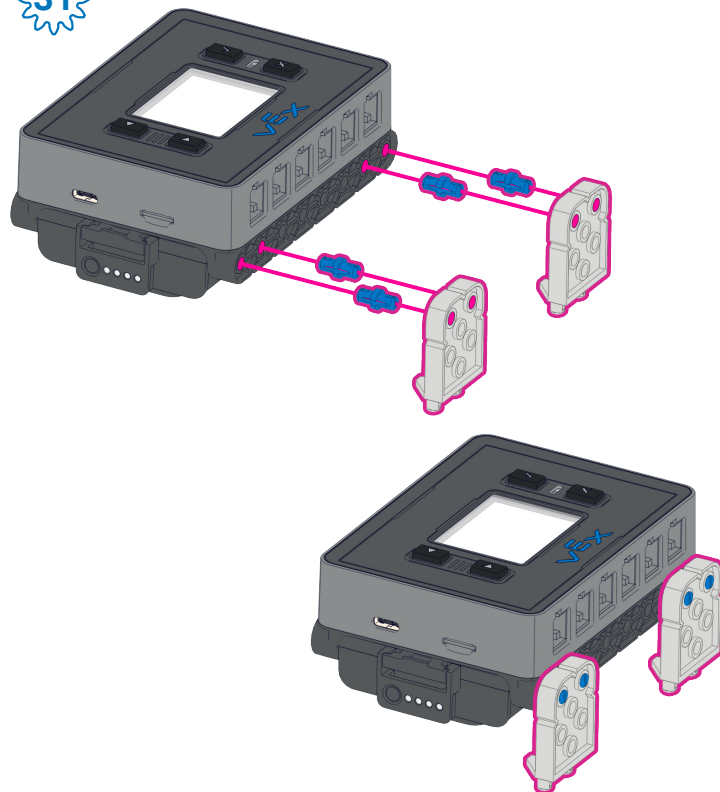
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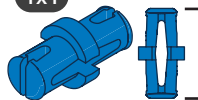
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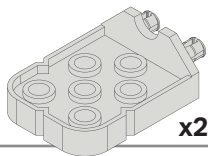
31



x4
1x1

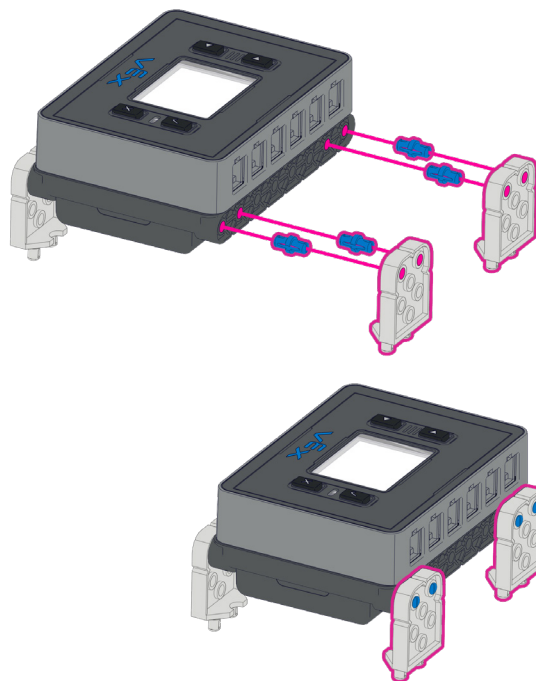


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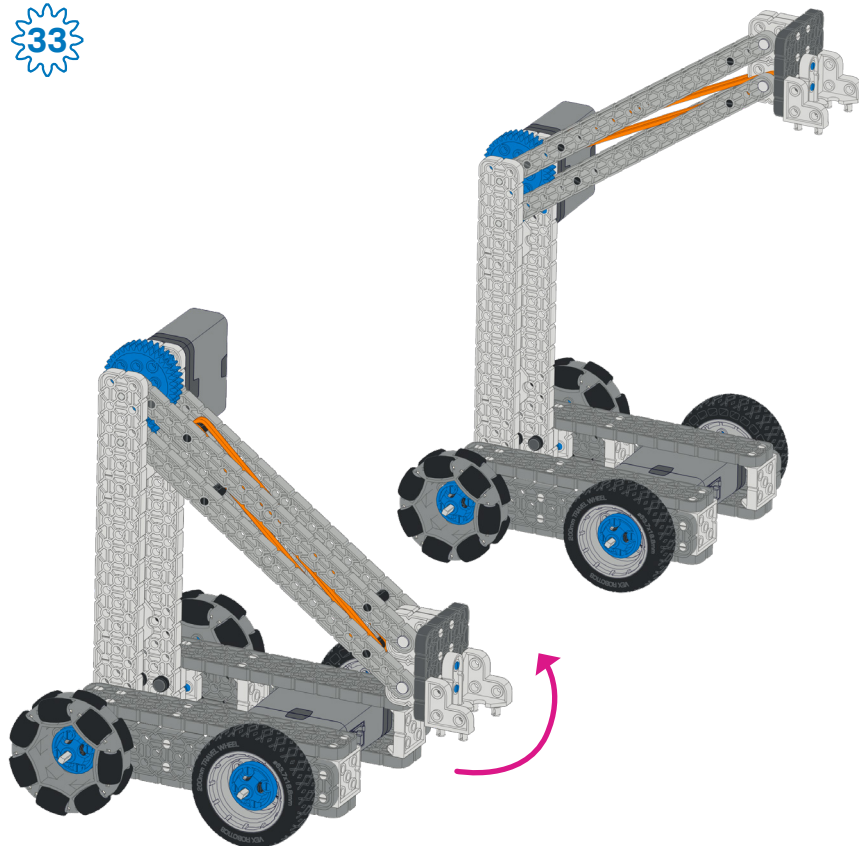


x2

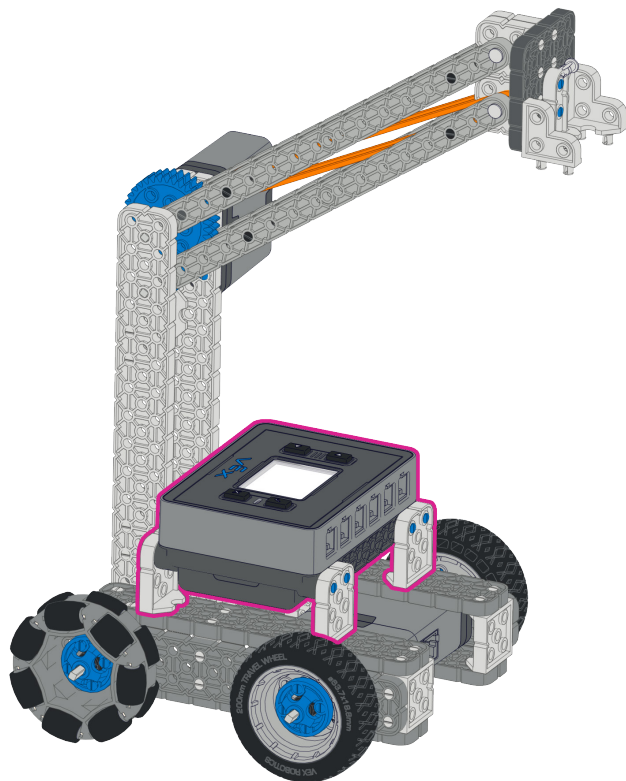
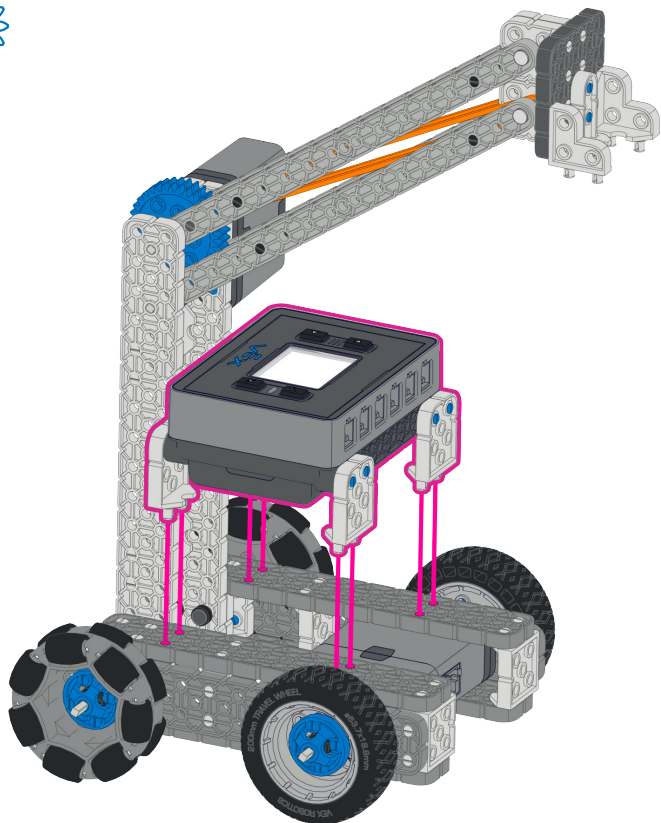
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33



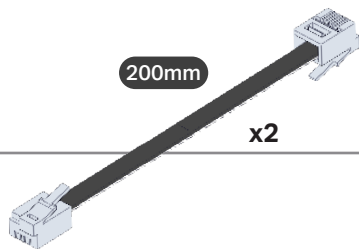
34



35

200mm

x2

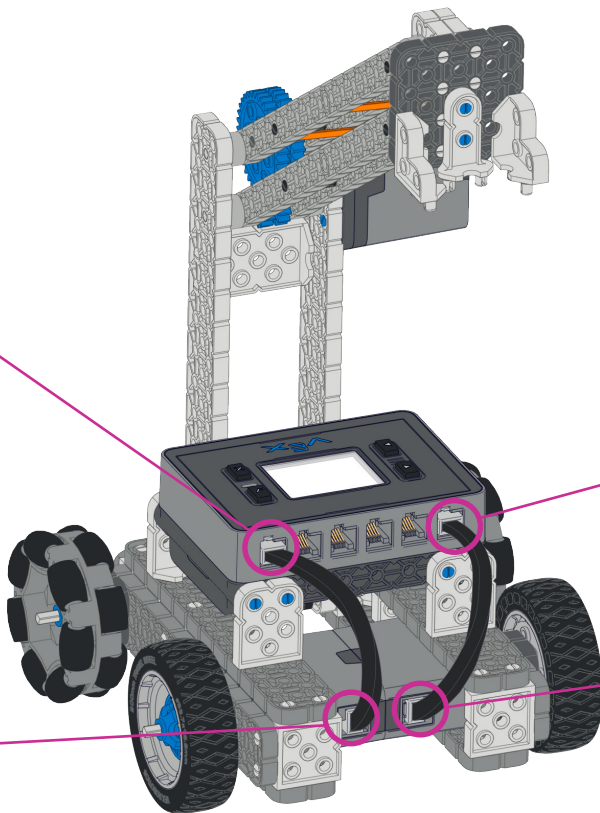


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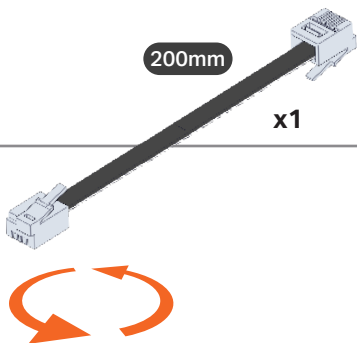
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1

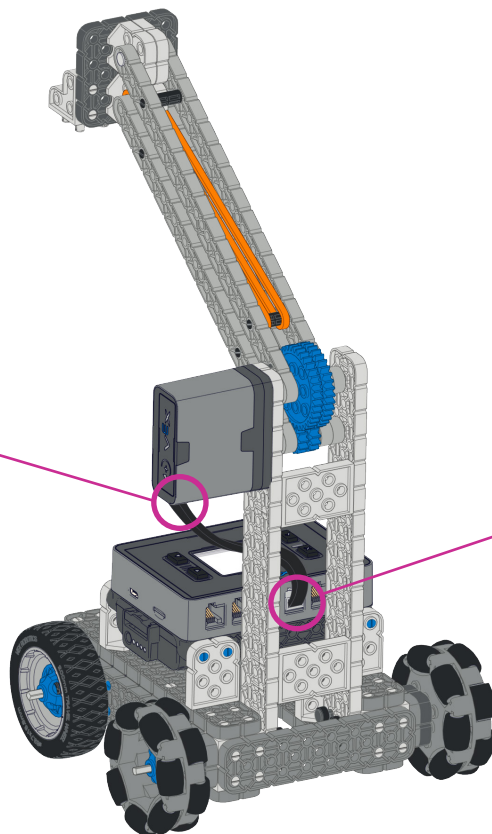
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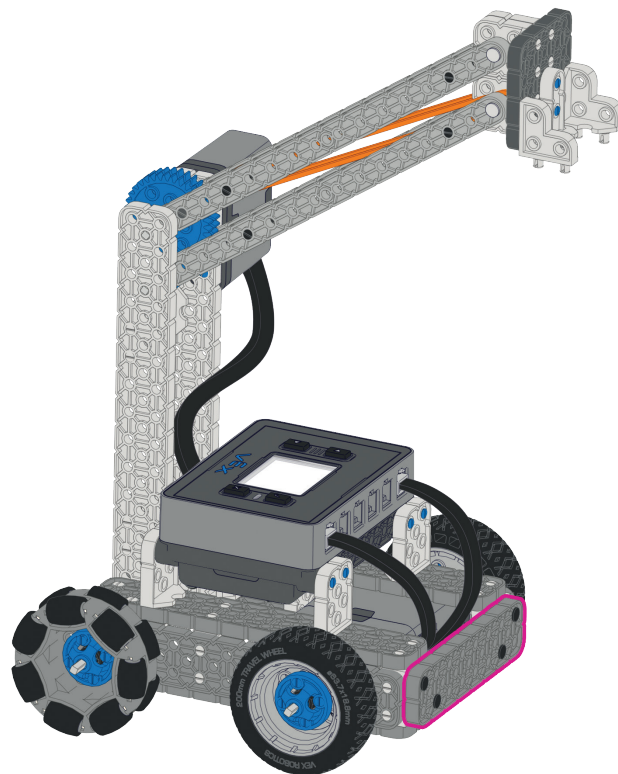
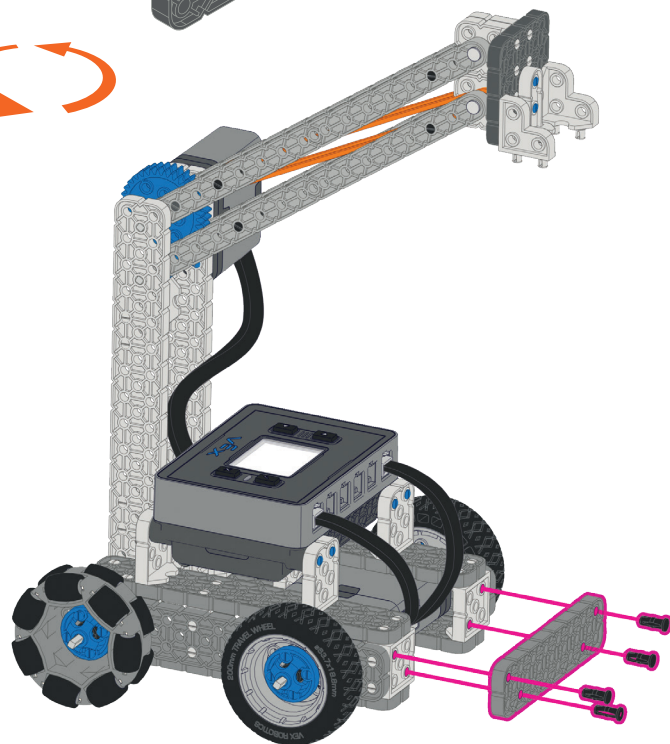
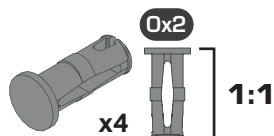
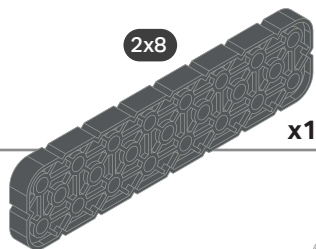
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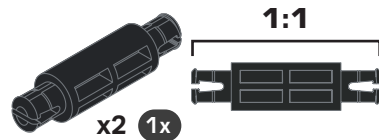
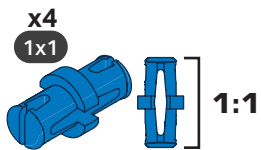
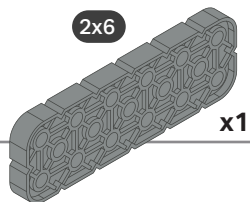
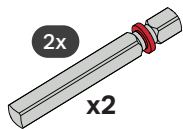


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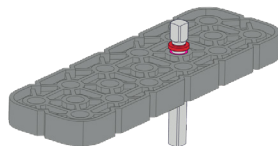
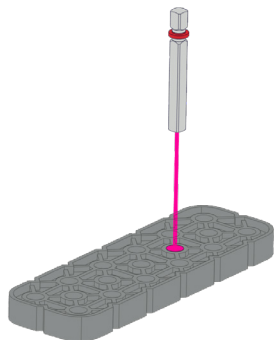


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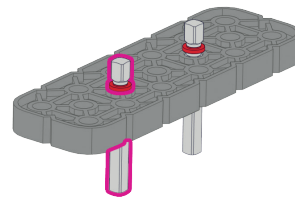
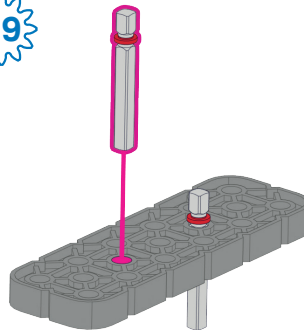




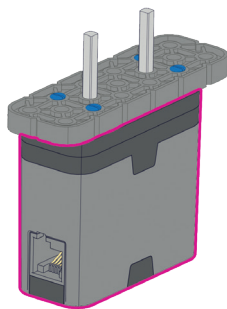
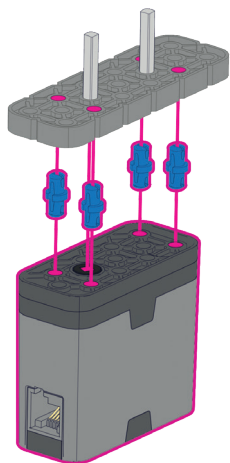
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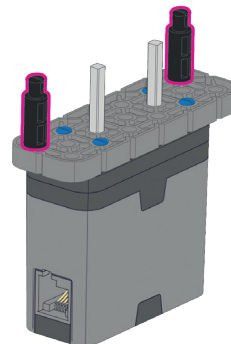
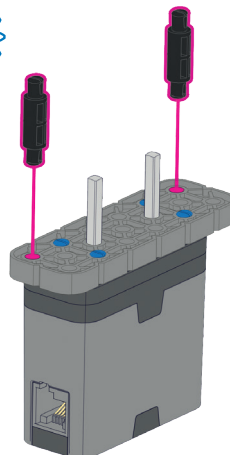
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40



41





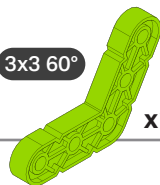
x4

1x4



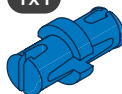
x1

3x3 60°



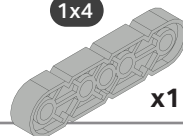
x1

x4
1x1



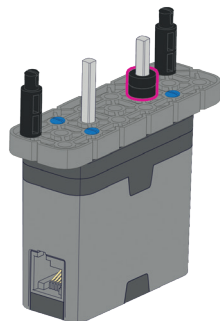
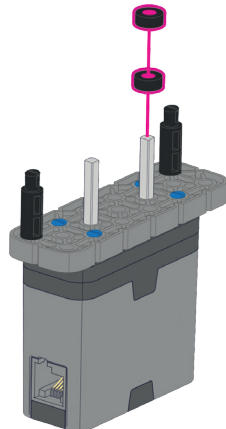
1:1

1x4

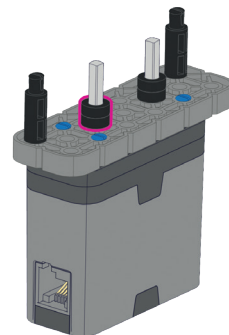
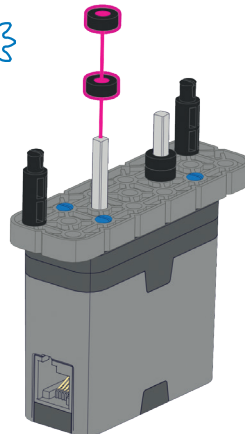


x1

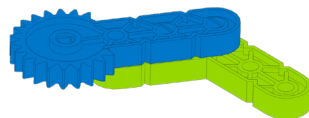
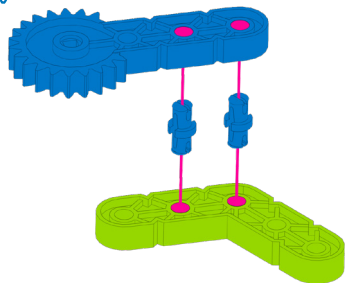
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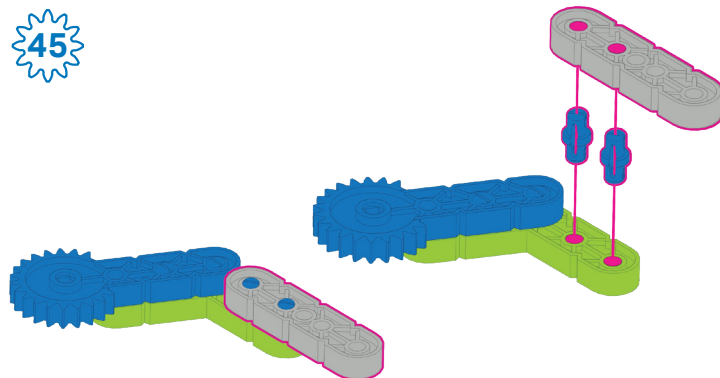
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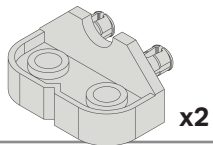


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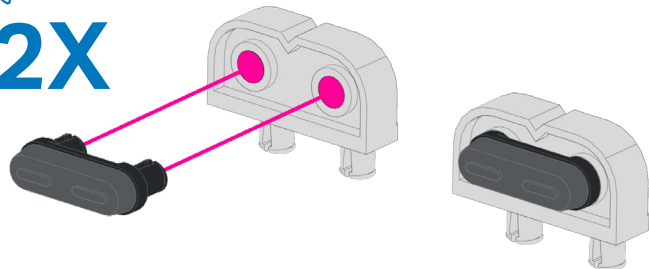
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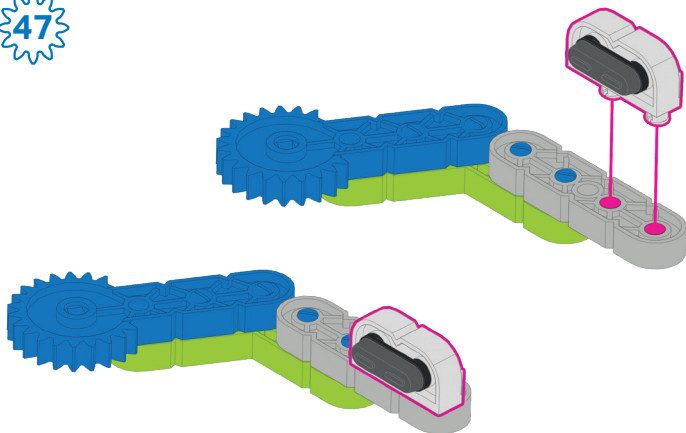


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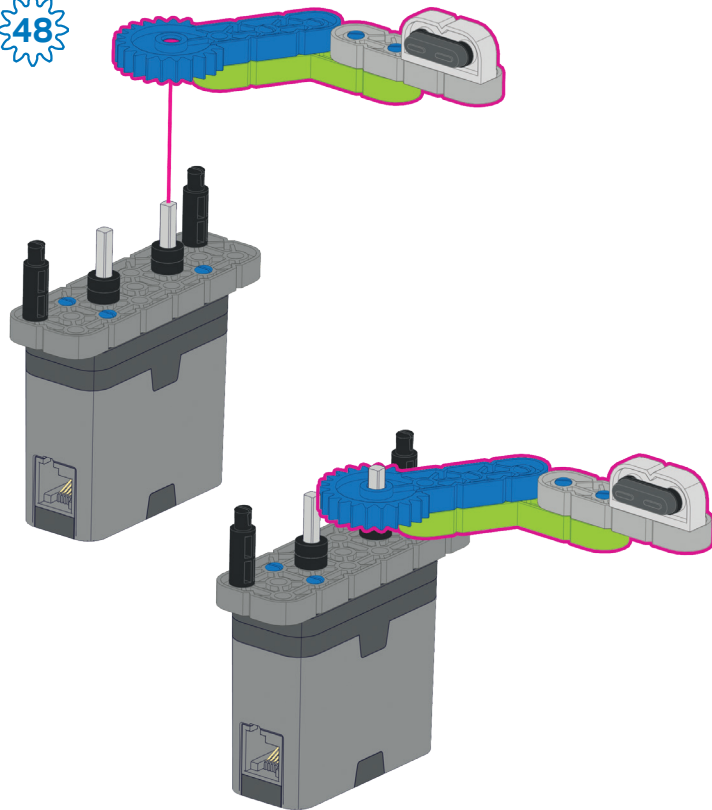
2X

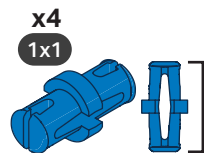


47



48





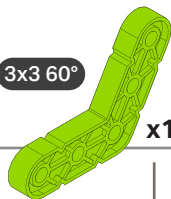
1:1

1x4



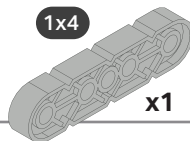
x1

3x3 60°



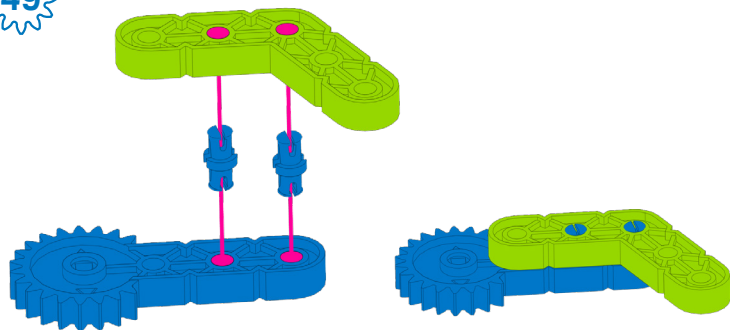
x1

1x4

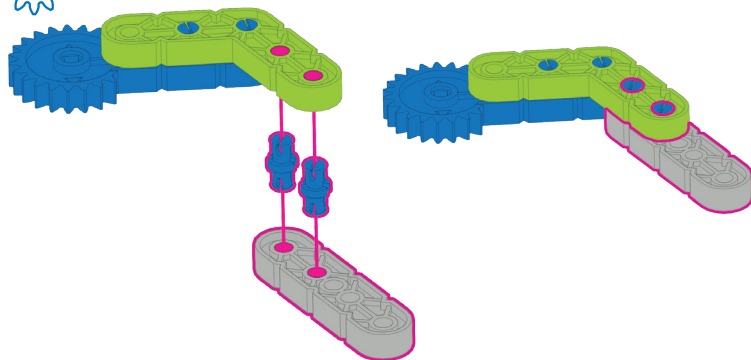


x1

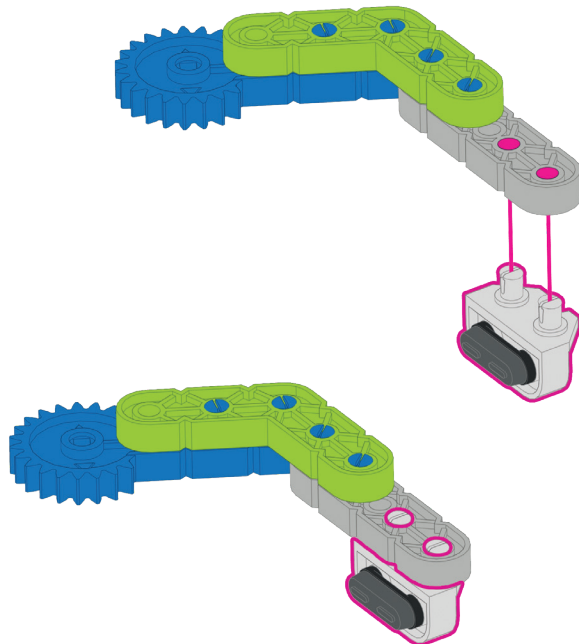
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50



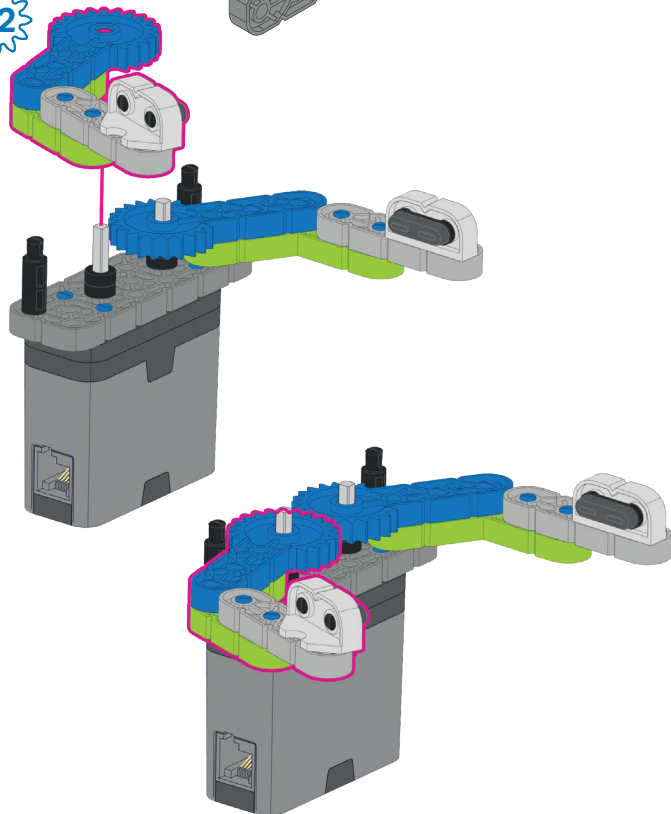
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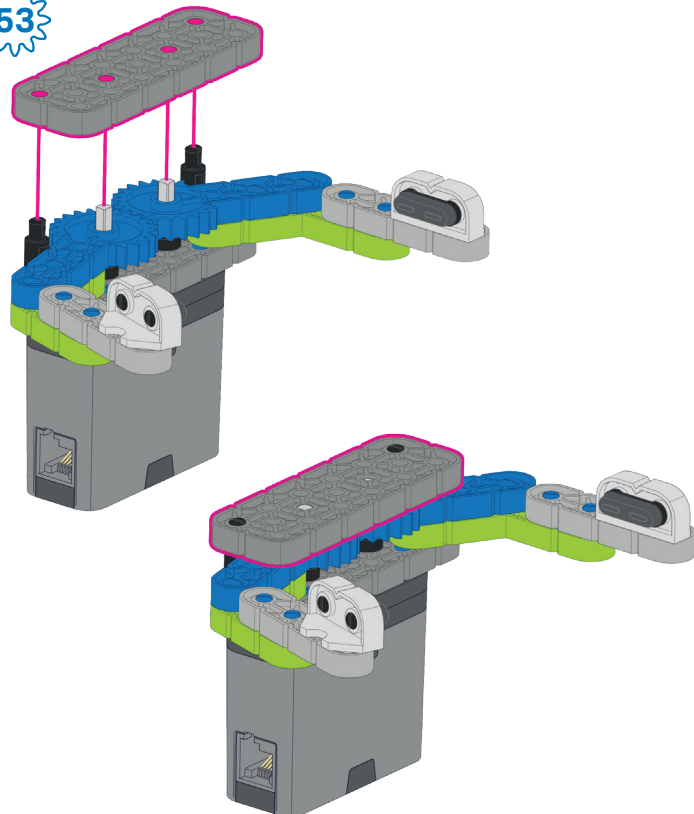
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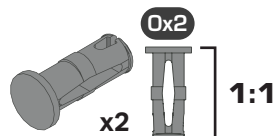
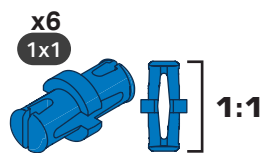
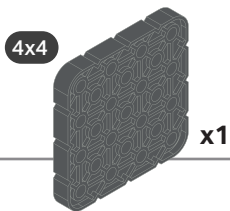
x1

52

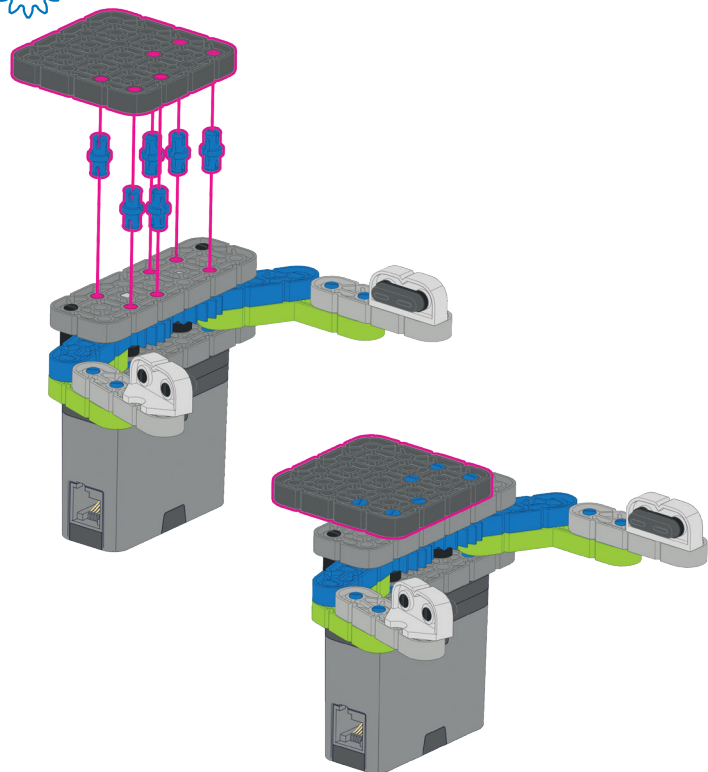


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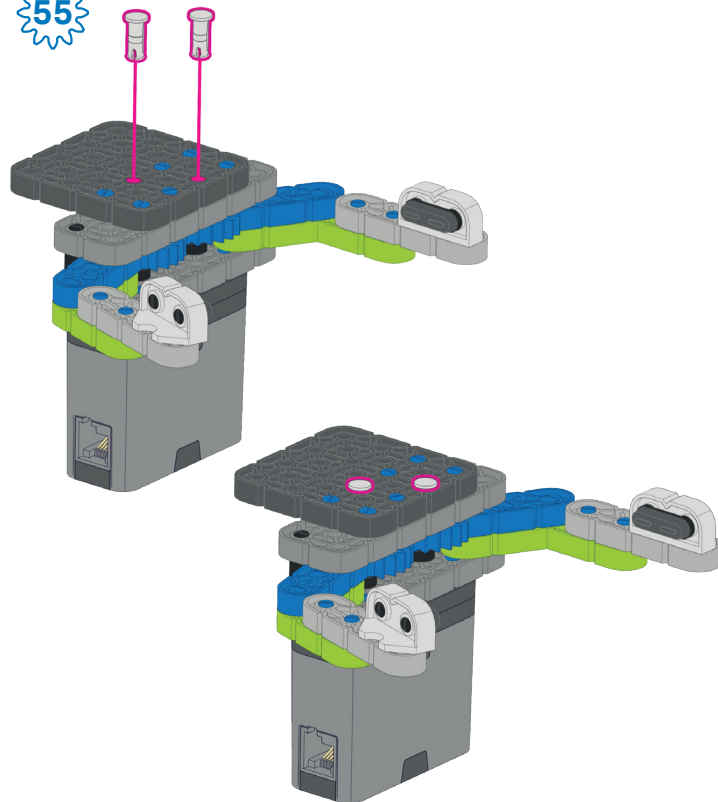


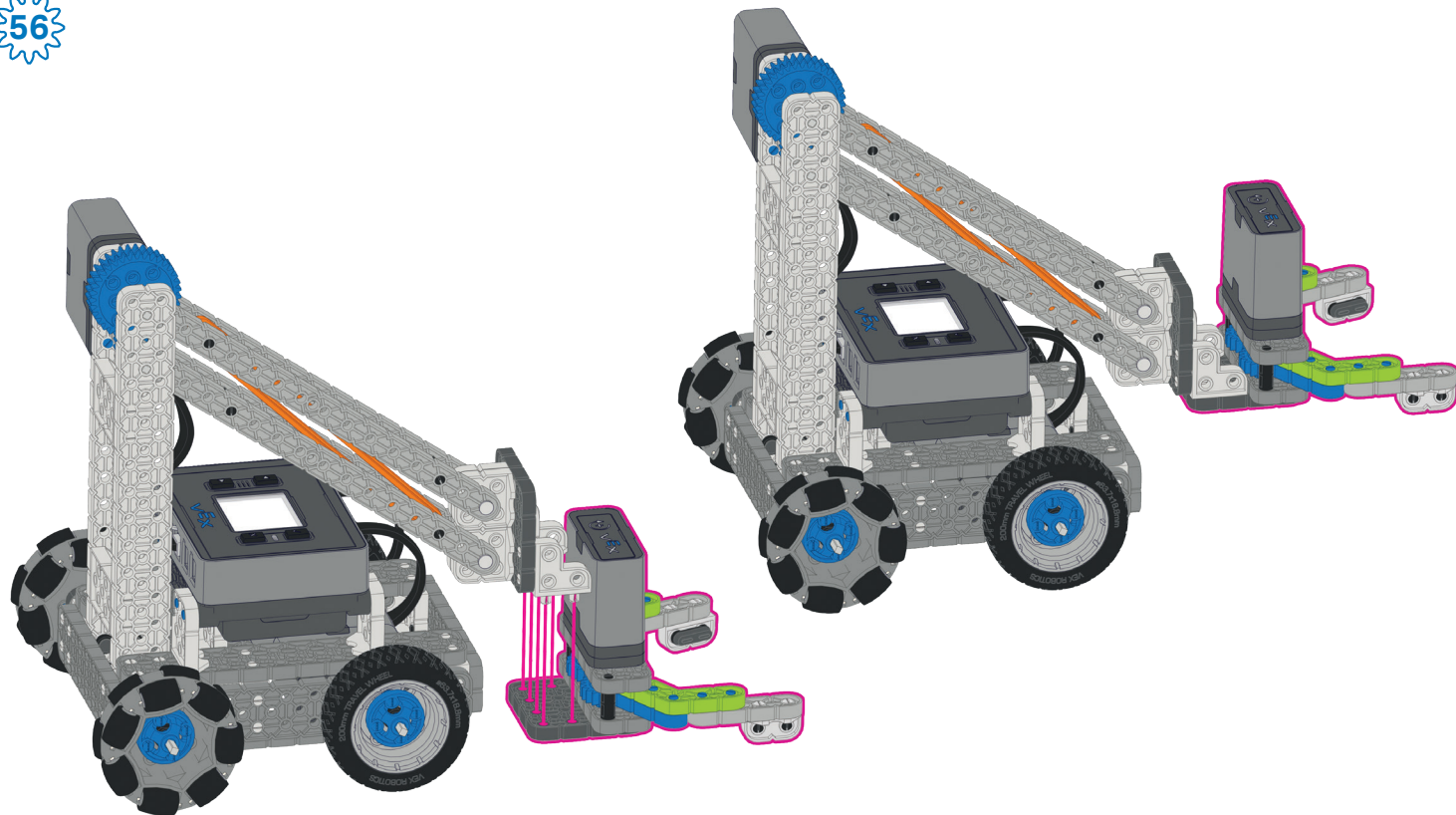


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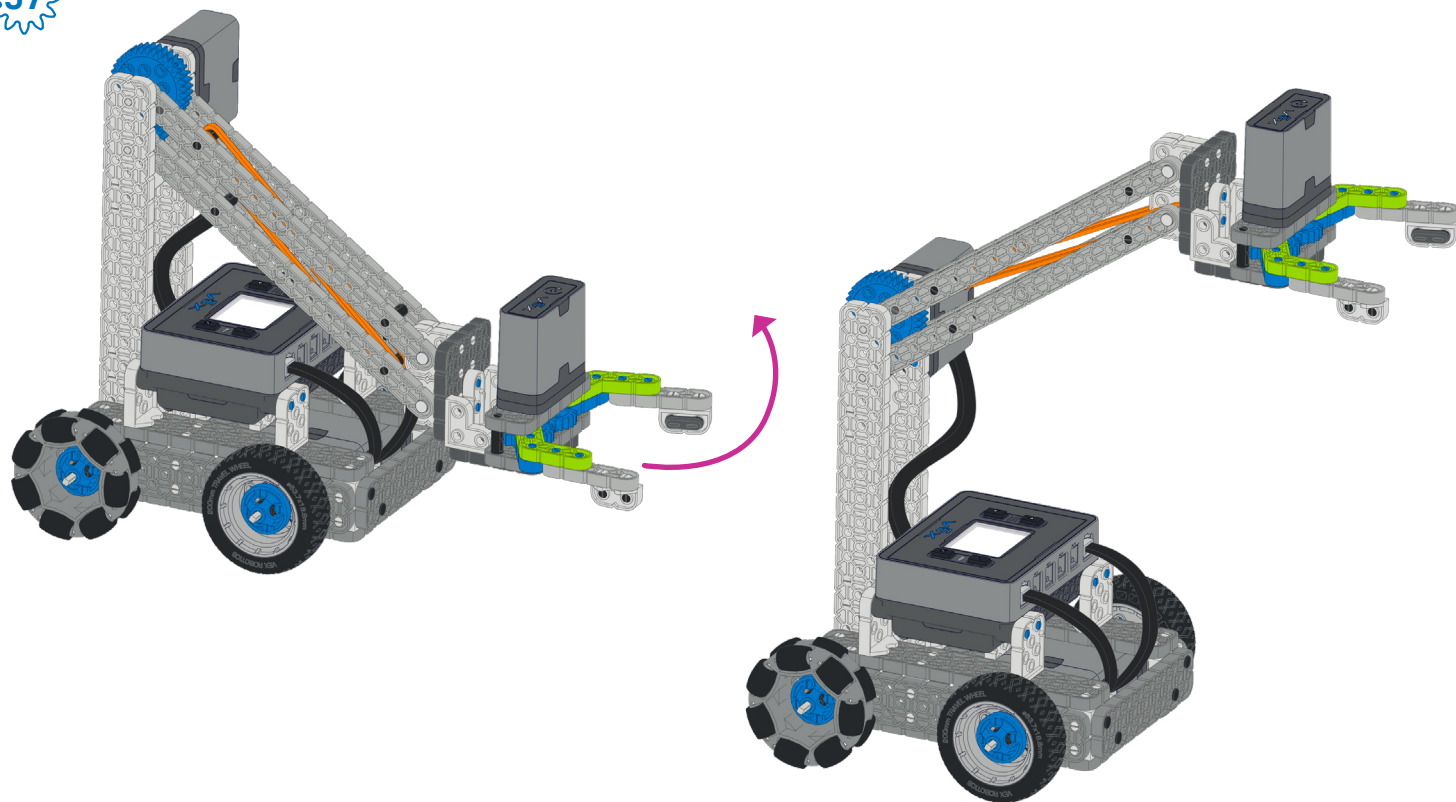


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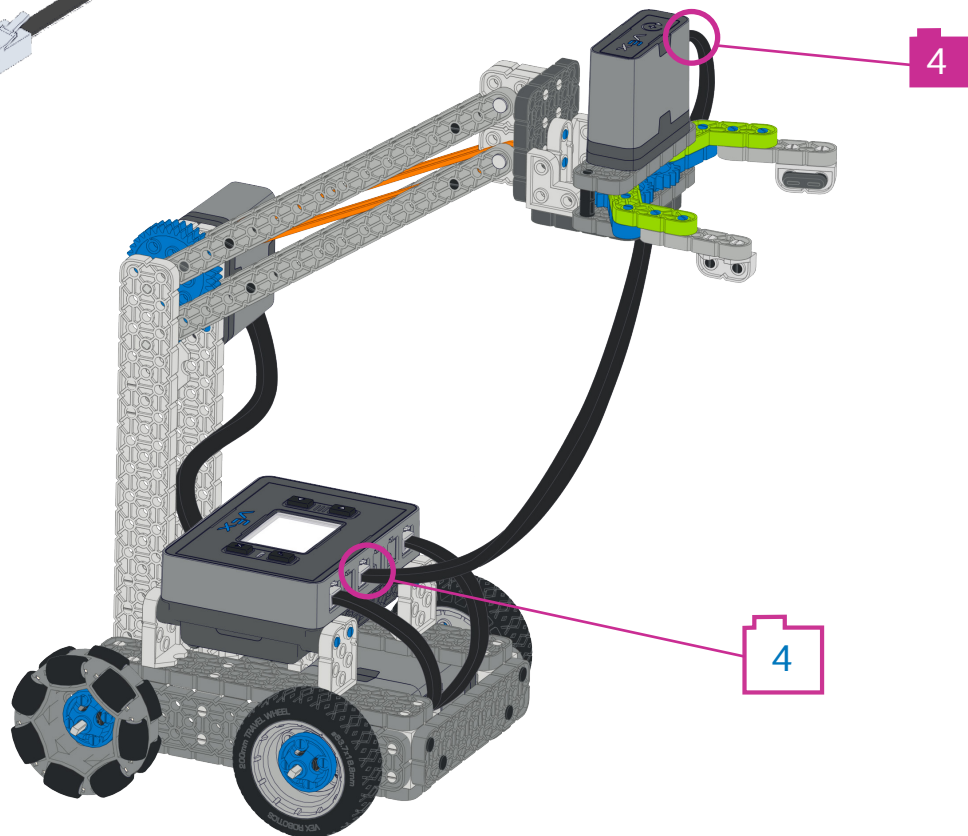
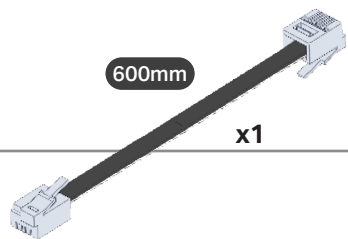


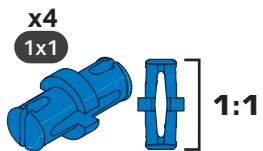


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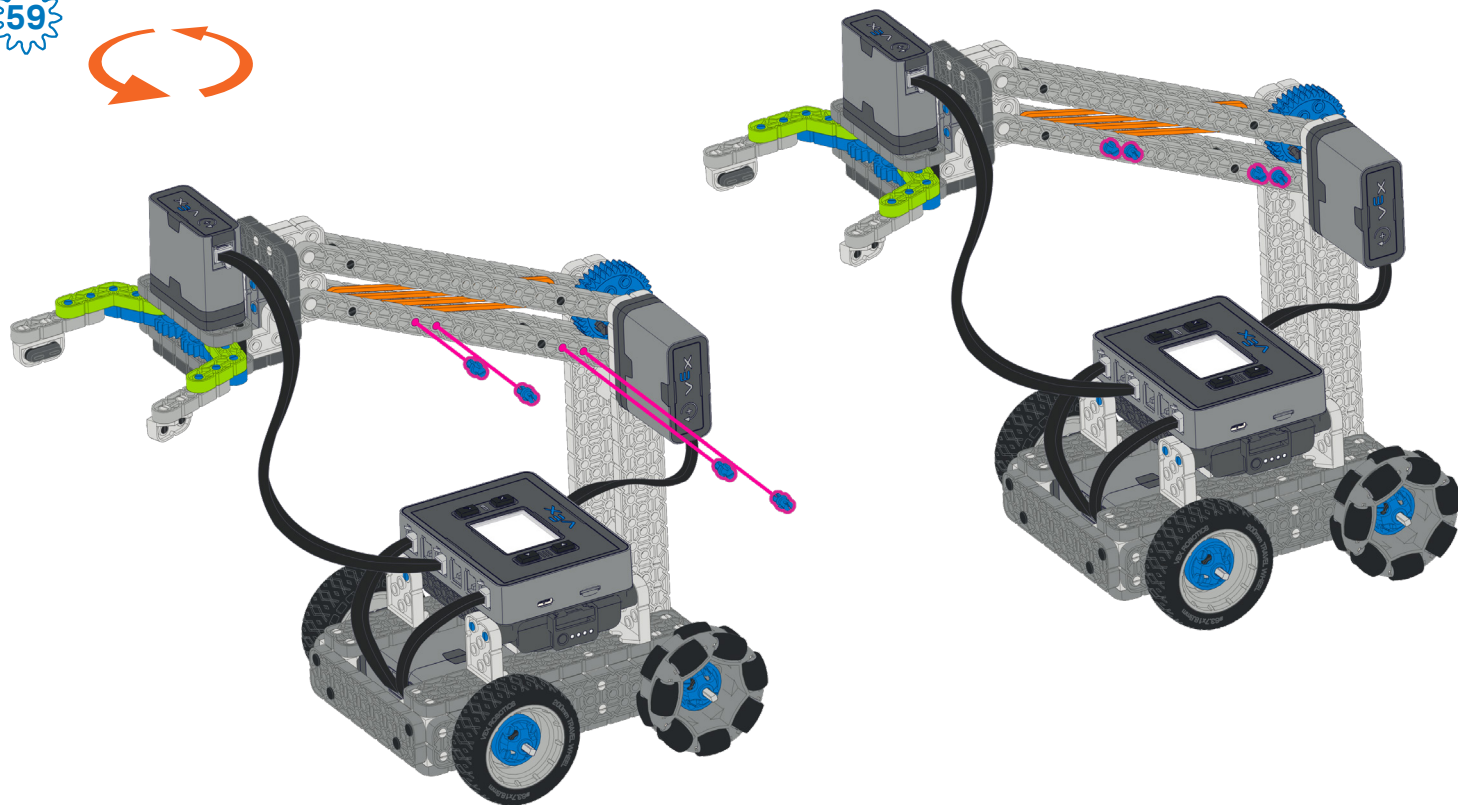


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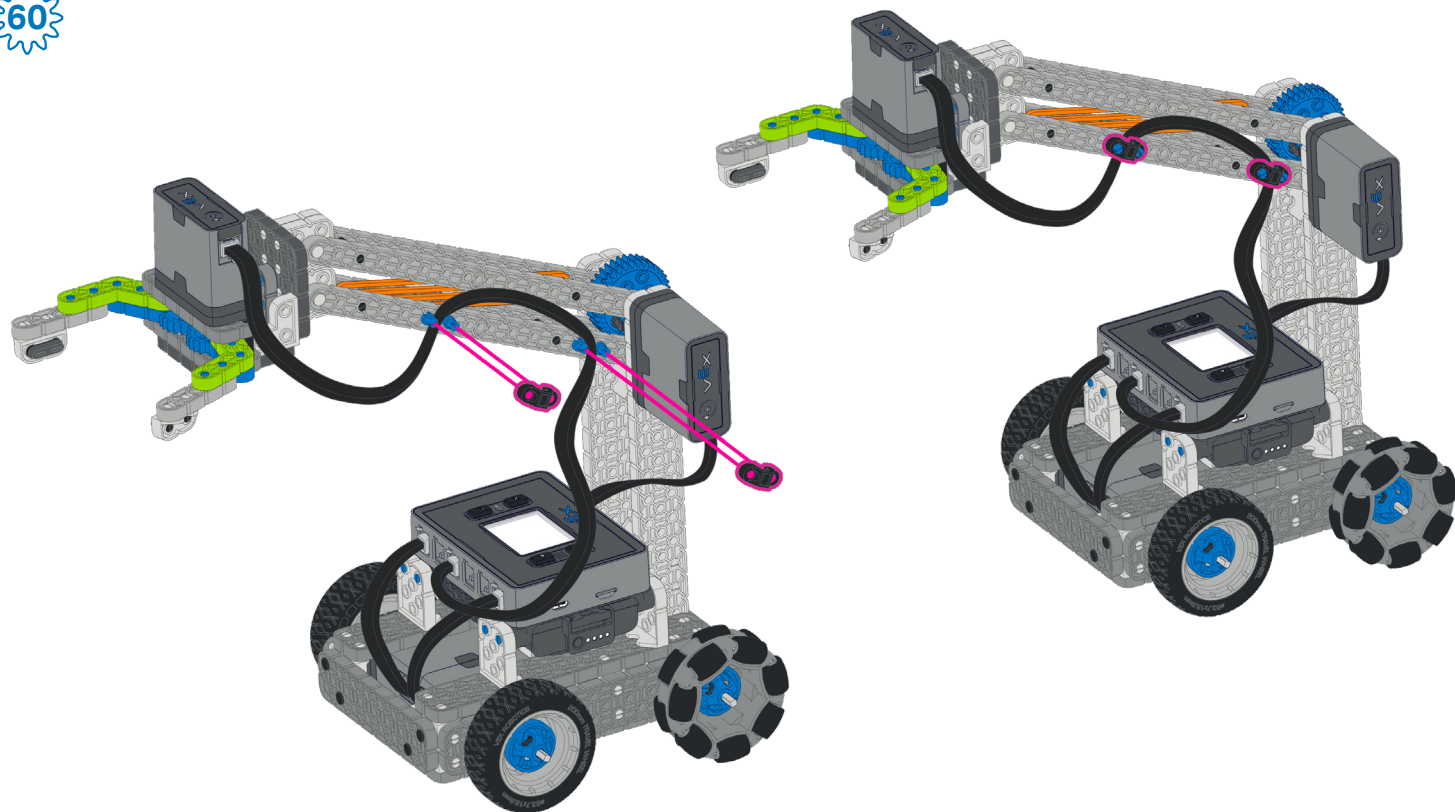


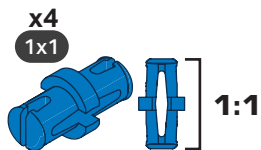
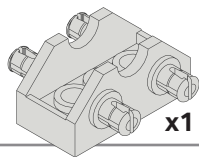
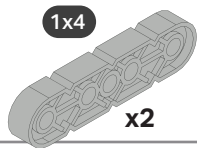
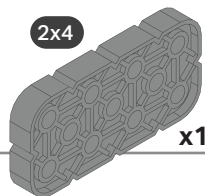
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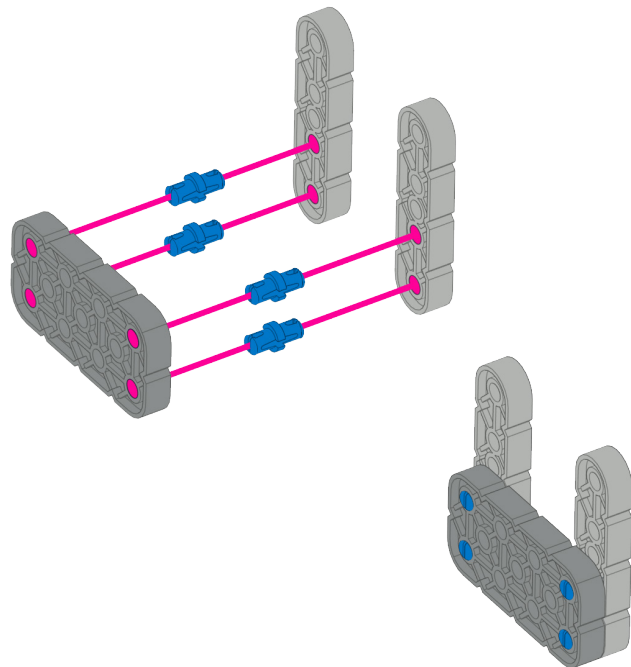


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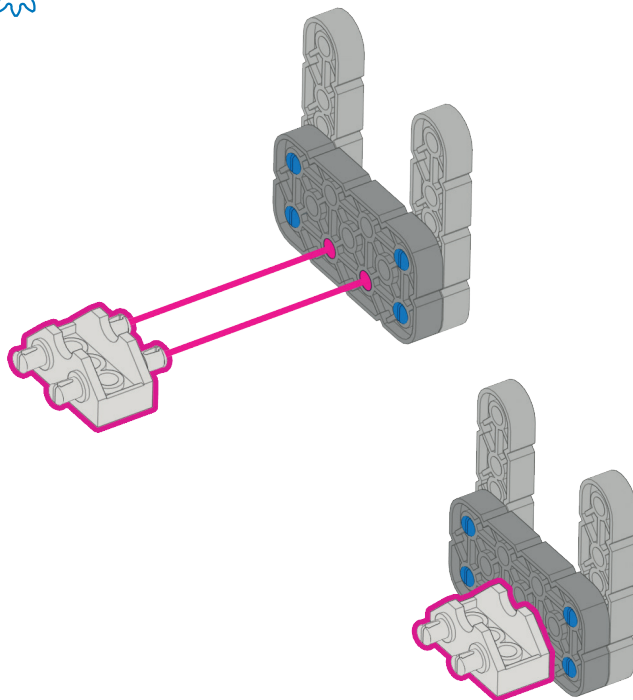


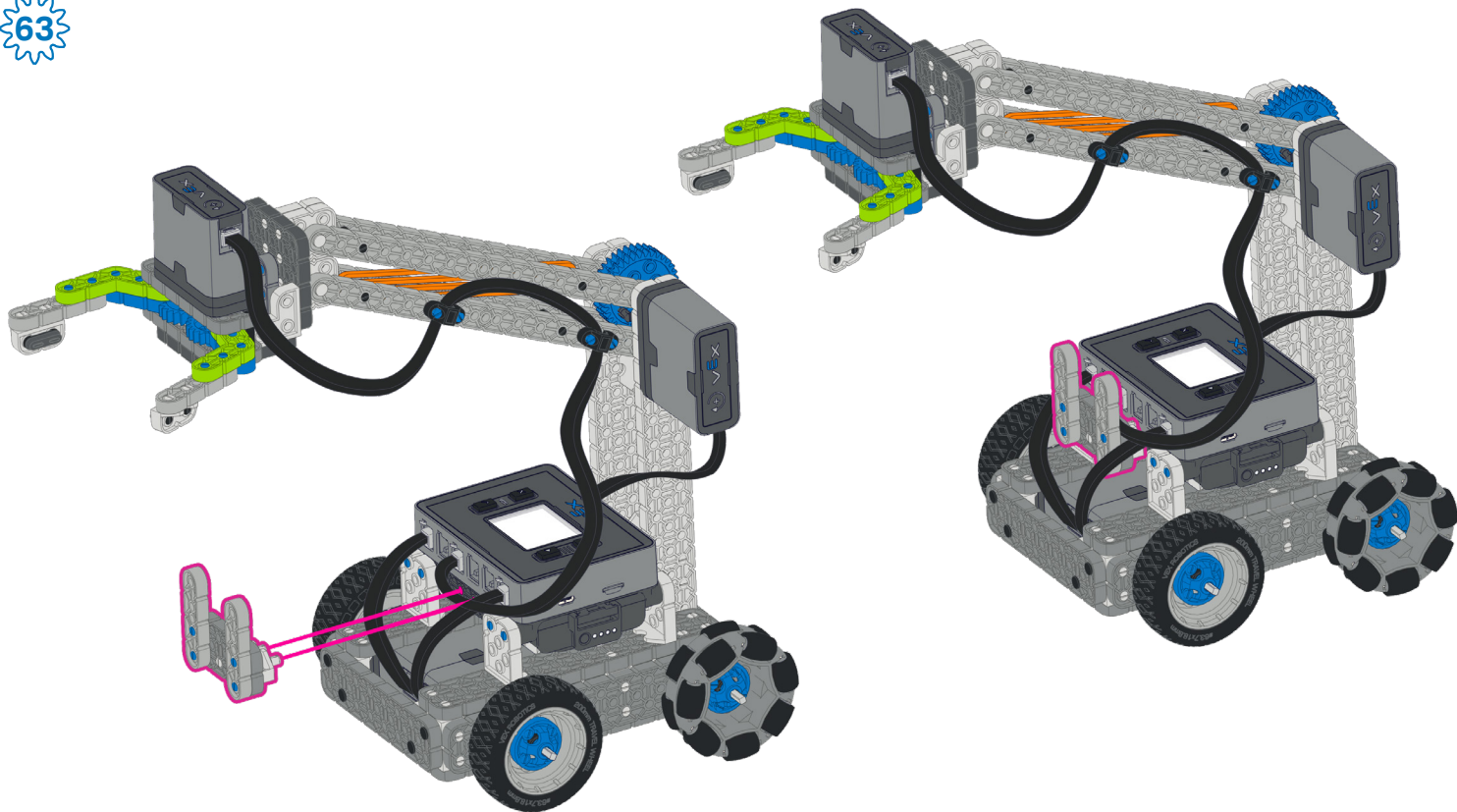


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Clawbot Build Instructions

228-8899 Rev4



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