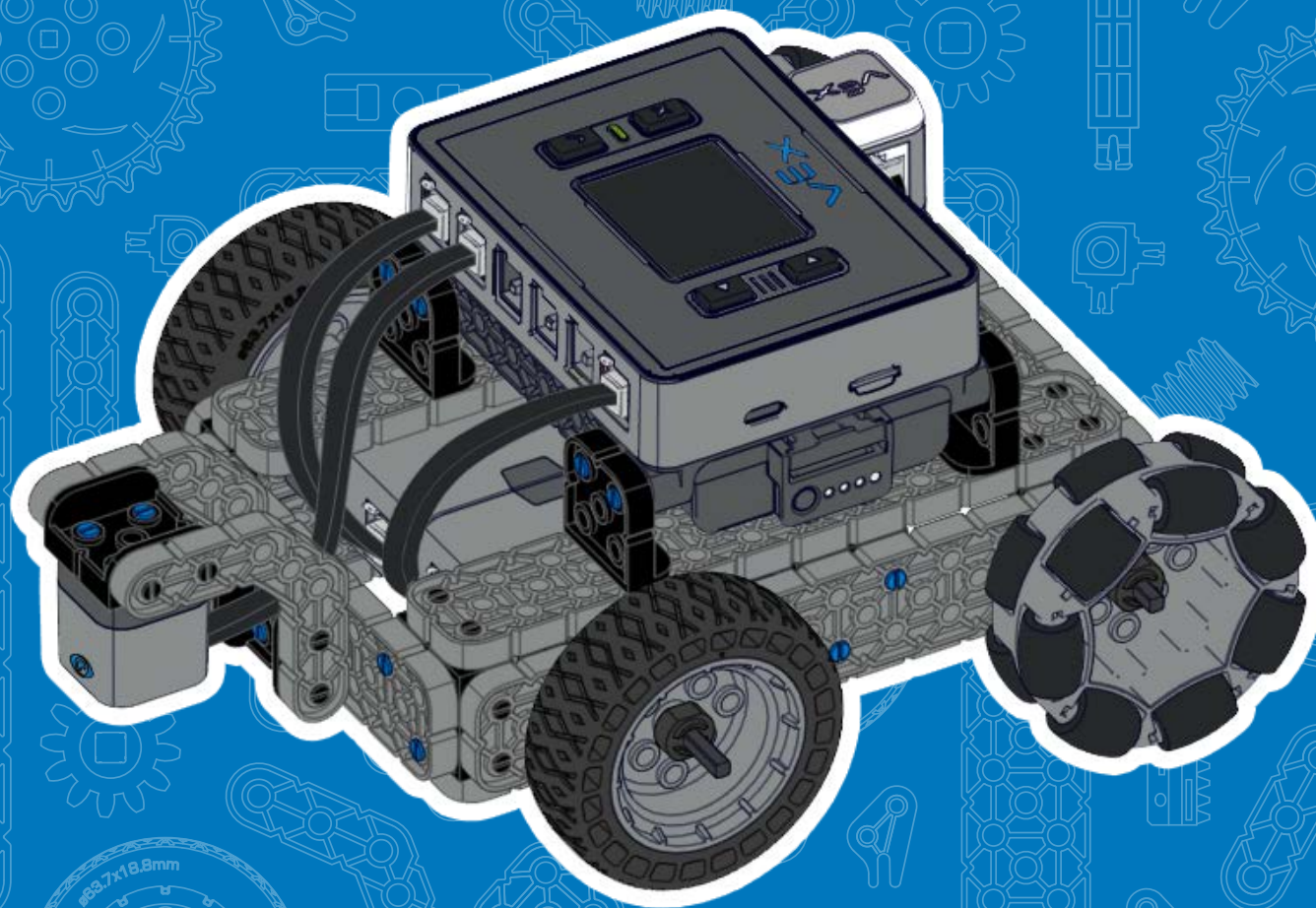


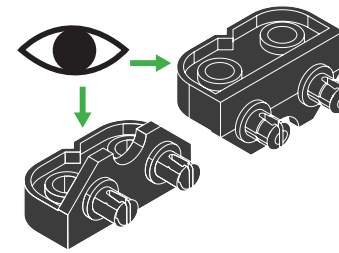
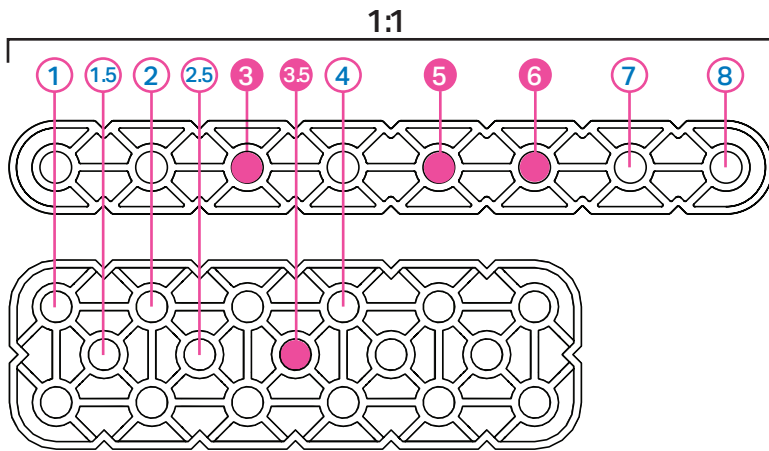
VEX IQ[®]

PLTW Chassis Bot with Sensors Build Instructions

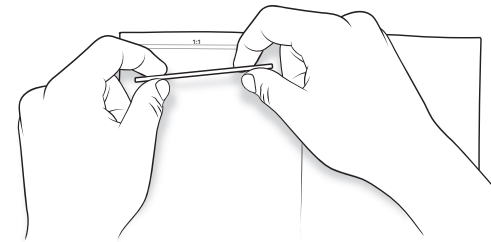


228-3304

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



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



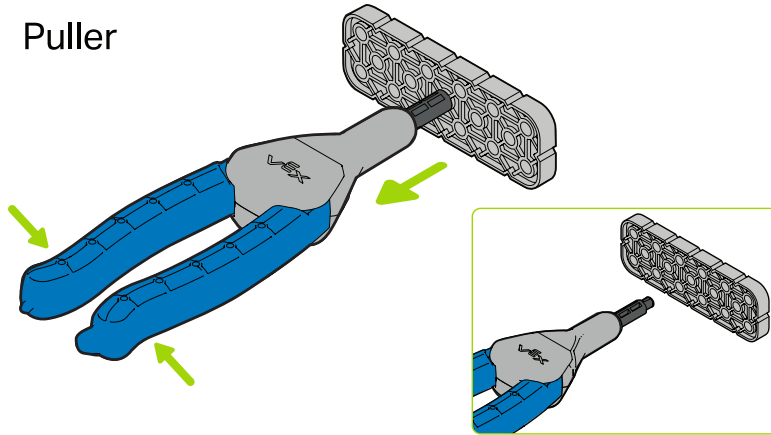
Check pieces against actual size in manual
 Verificar partes contra tamaño real en el manual
 Vérifiez les pièces contre leurs tailles réelles dans le manuel
 Controllare le dimensioni dei pezzi nel manuale rispetto alla grandezza naturale
 Bauteile mit der originalgröße in der anleitung vergleichen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



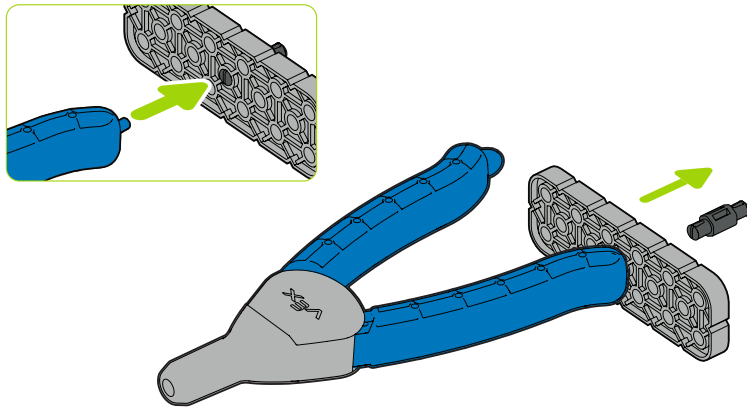
Scan to download the
VEX IQ Part Ruler PDF

Alert	Correct	Pivot	Incorrect	Alternate view	Size	Notice	Rotate	Flip
Alerta	Correcto	Pivote	Incorrecto	Vista alternativa	Tamaño	Aviso	Girar	Voltear
Alerte	Correcte	Pivot	Incorrecte	Autre vue	Taille	Avis	Faire tourner	Retourner
Attenzione	Corretto	Imperniare	Non corretto	Vista alternativa	Dimensione	Fare attenzione	Ruotare	Capovolgere
Warnung	Richtig	Drehbar lagern	Falsch	Andere ansicht	Größe	Hinweis	Drehen	Umdrehen
Ostrzeżenie	Prawidłowo	Obracać się na osi	Nieprawidłowo	Widok alternatywny	Rozmiar	Zwróć uwagę	Obróć	Przerzuć
Waarschuwing	Correct	Draaien	Verkeerd	Vitzicht	Grootte	Opmerken	Draaien	Omdraaien

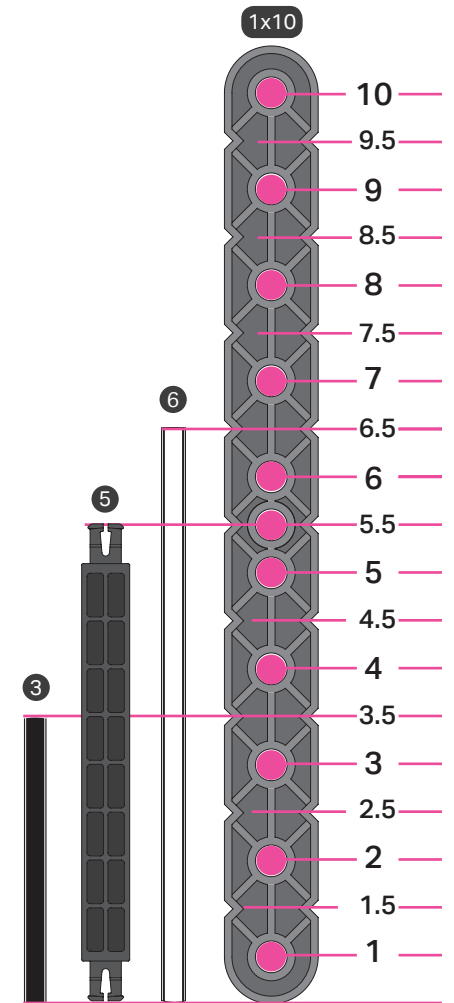
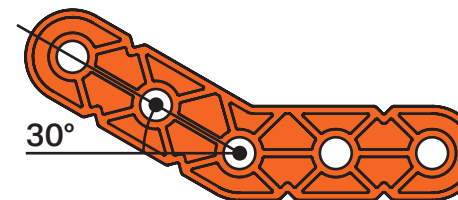
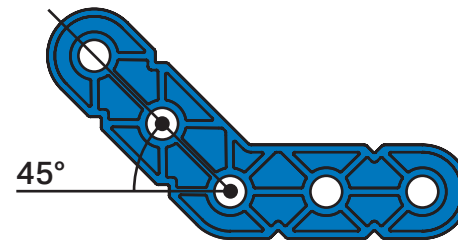
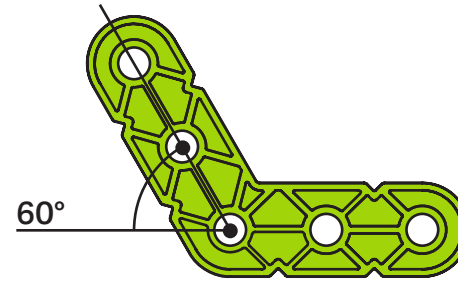
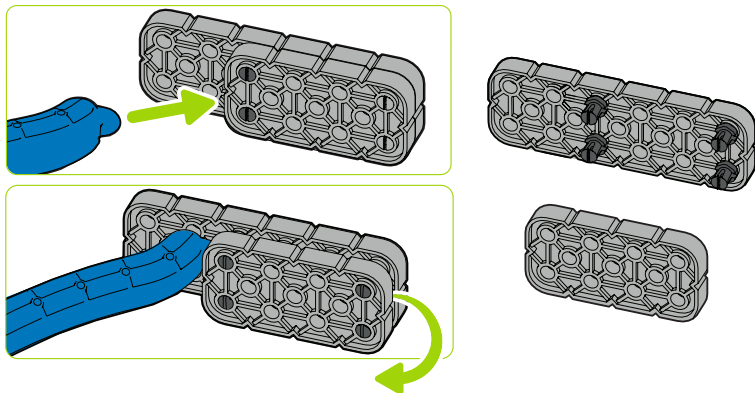
Puller



Pusher



Lever

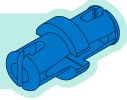




47x

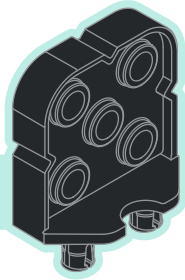
1x1

Connector Pin



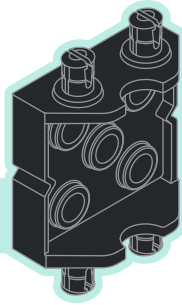
4x

2x Wide,
2x2 Corner Connector



6x

Double 2x Wide,
2x2 Corner Connector



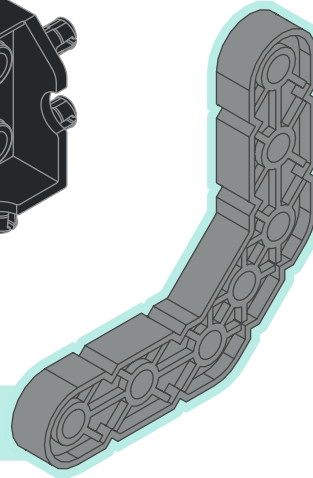
4x

Large Chassis
Corner Connector



4x

2x Wide, 2x2 Offset
Corner Connector





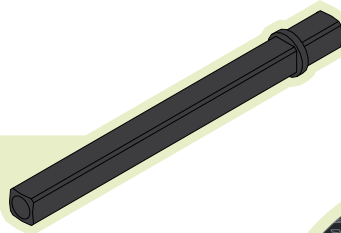
4x Washer



4x Rubber Shaft Collar



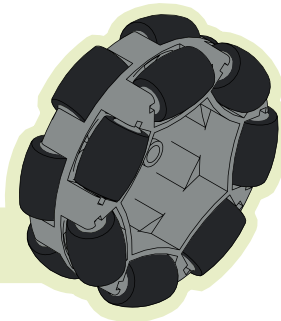
4x ³ Pitch Motor Shaft



2x ^{200mm} Travel Tire

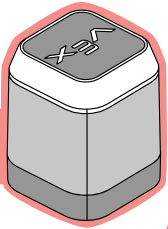


2x ^{200mm} Travel Omni-Directional Wheel

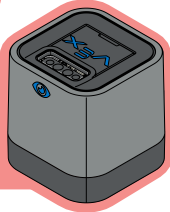




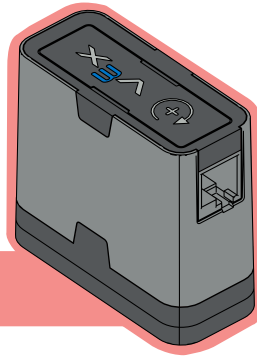
1x Touch LED



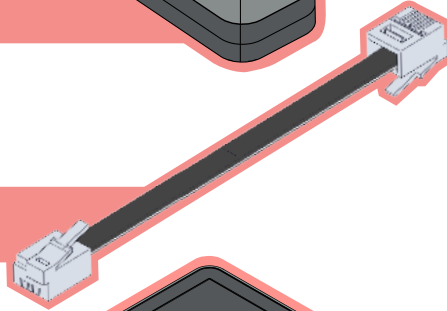
1x Optical Sensor



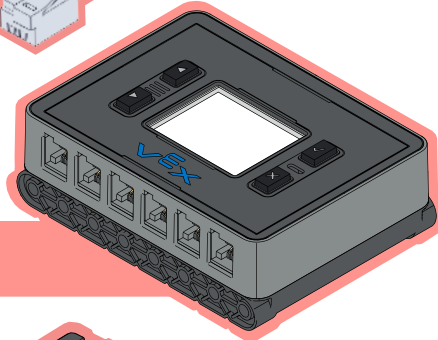
2x Smart Motor



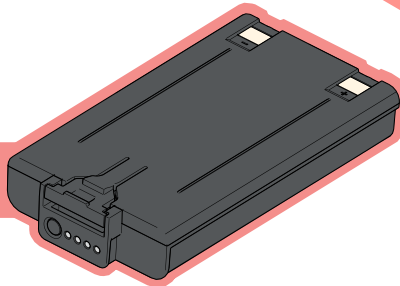
4x **200mm**
Smart Cable



1x Robot Brain



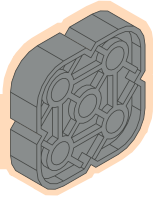
1x Robot Battery





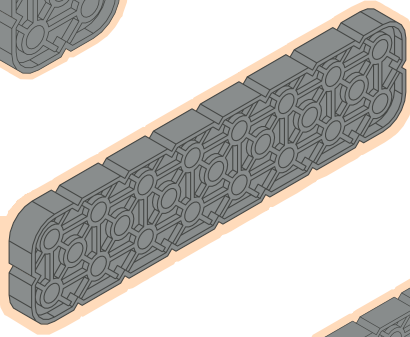
4x

2x2
Beam



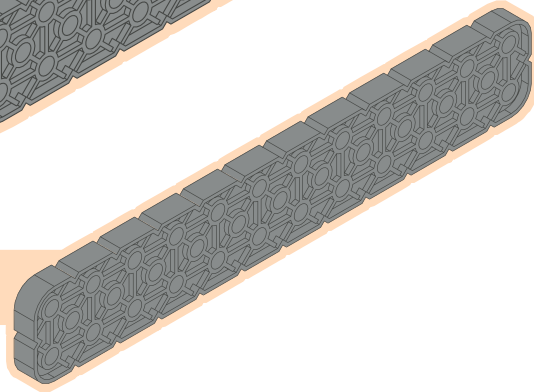
2x

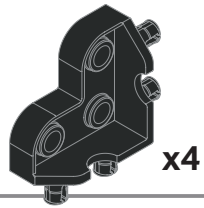
2x8
Beam



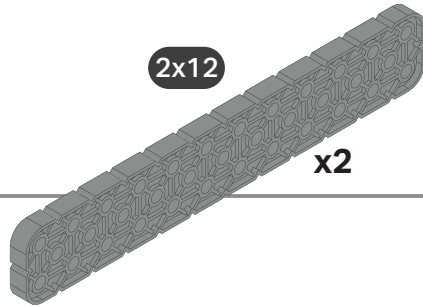
6x

2x12
Beam



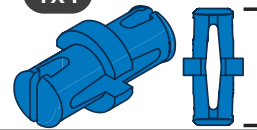


2x12

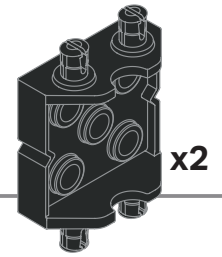


x2

x4
1x1

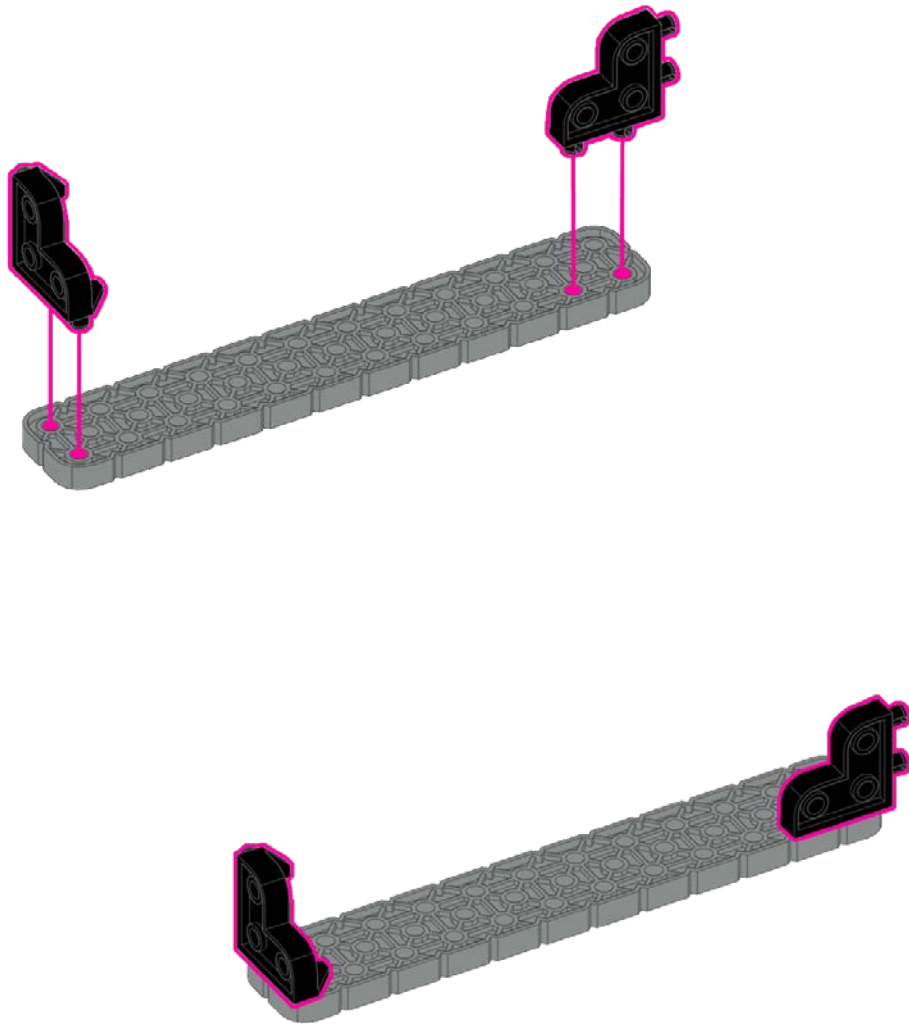


1:1

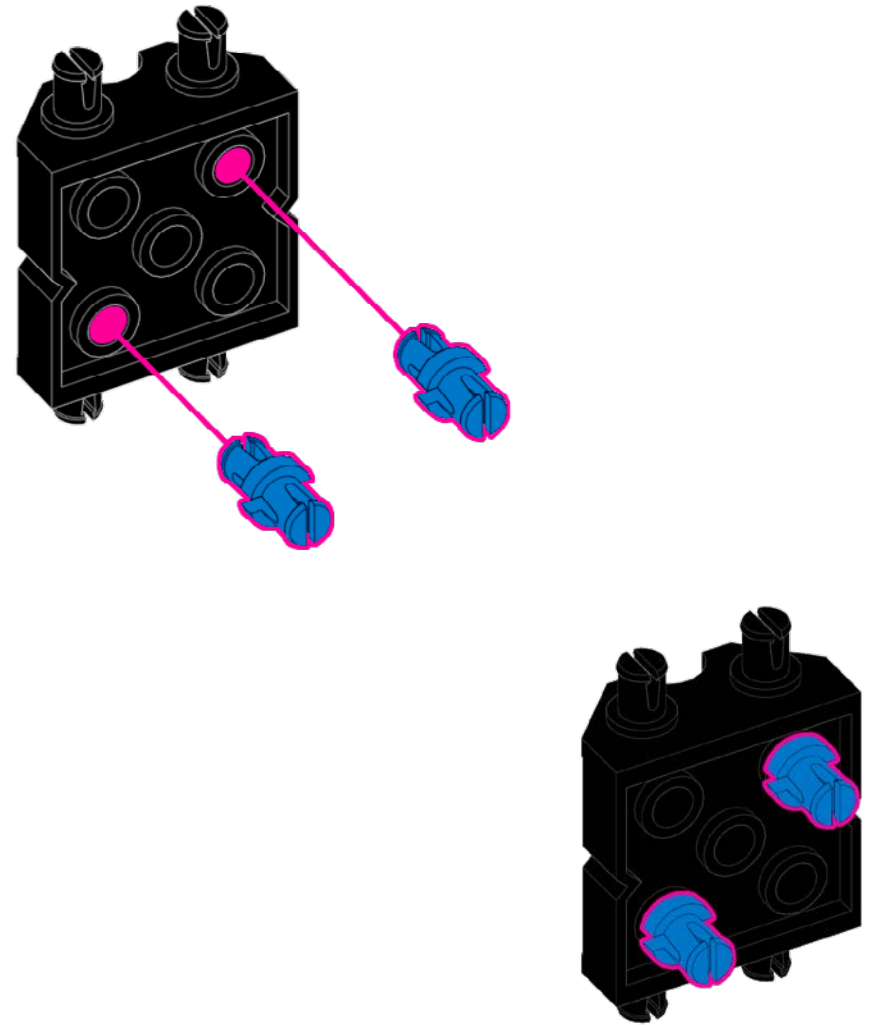


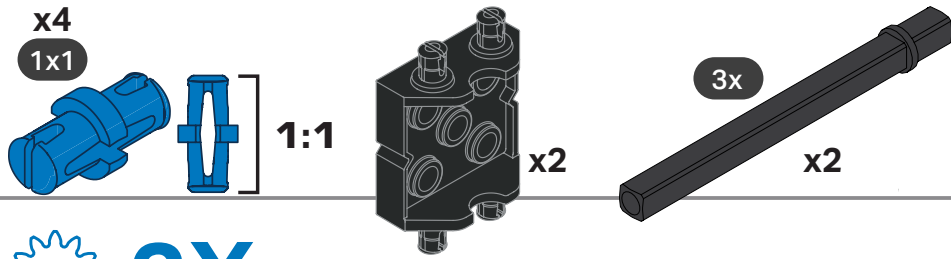
x2

1 2X

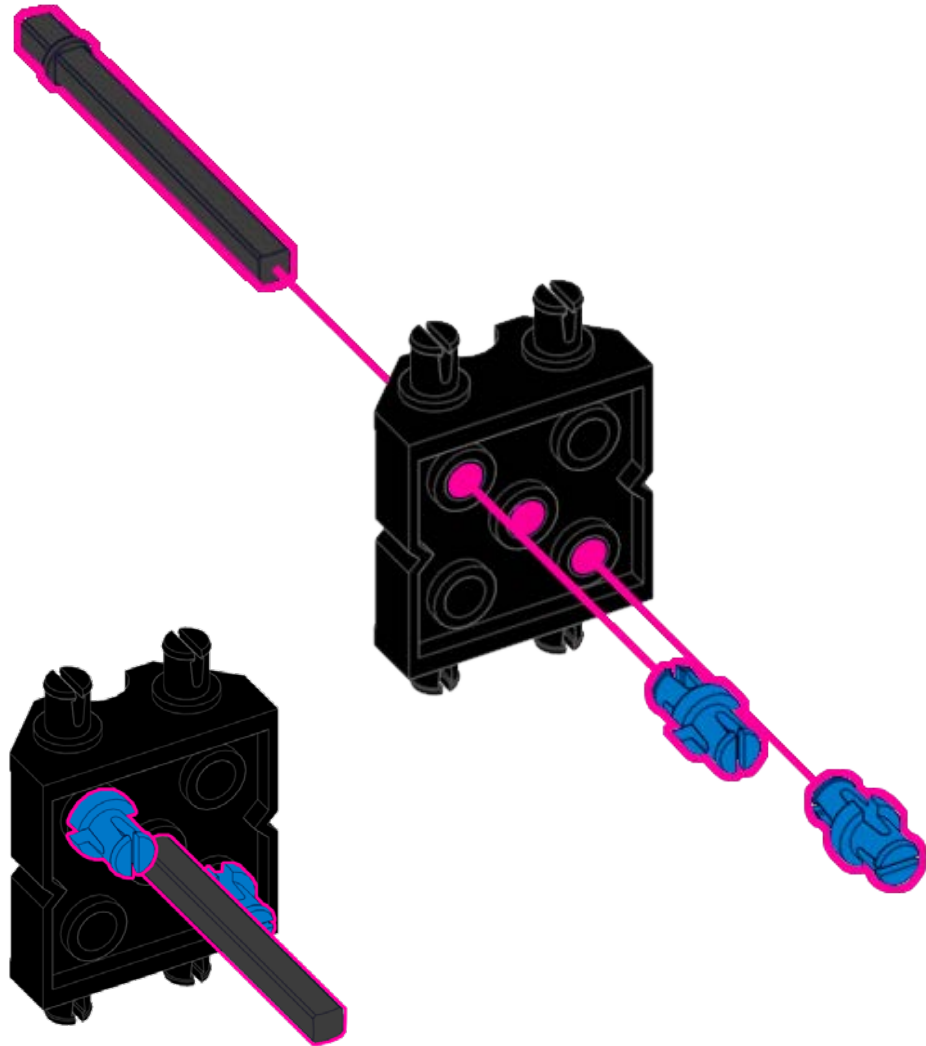


2 2X

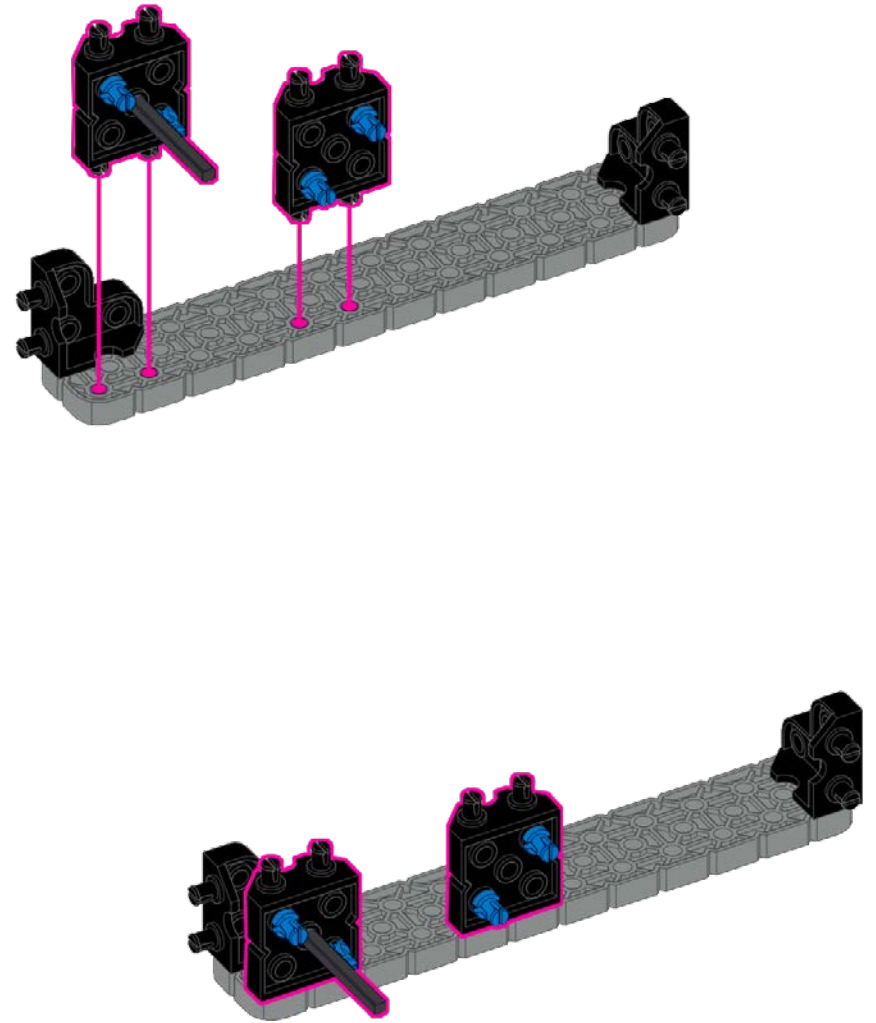




3 2X



4 2X



2x12

x2

x8

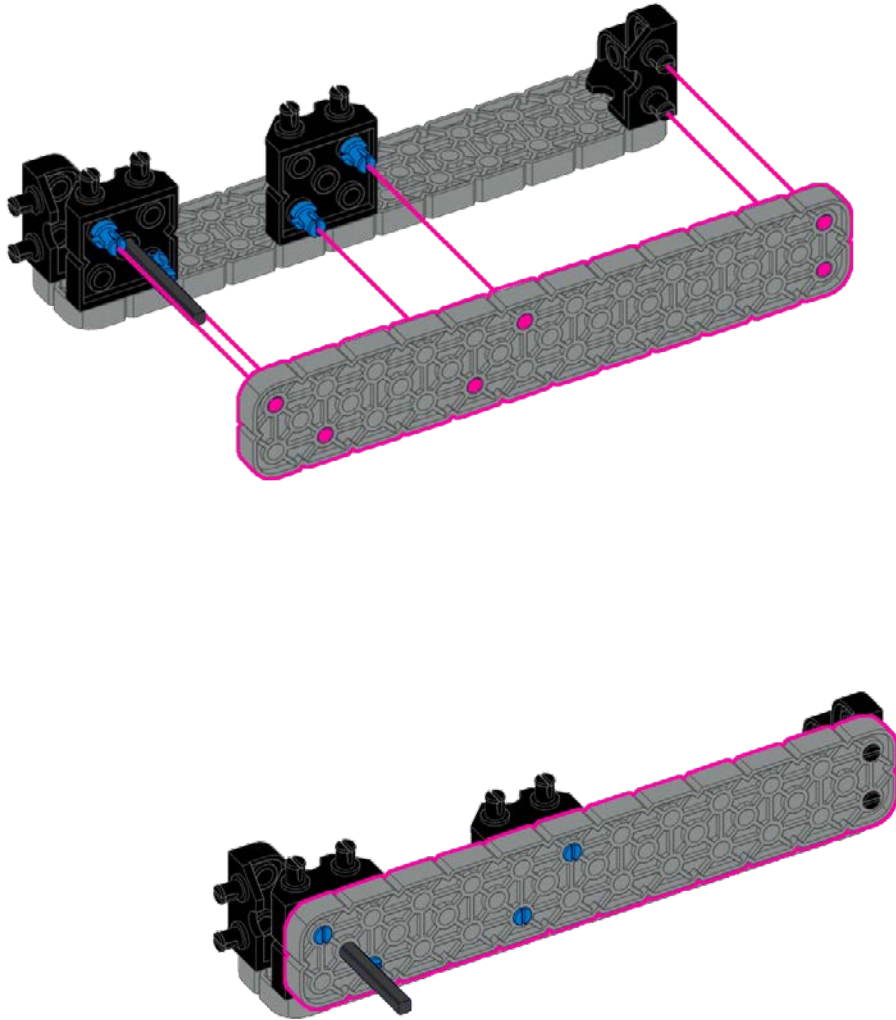
1x1

2x2

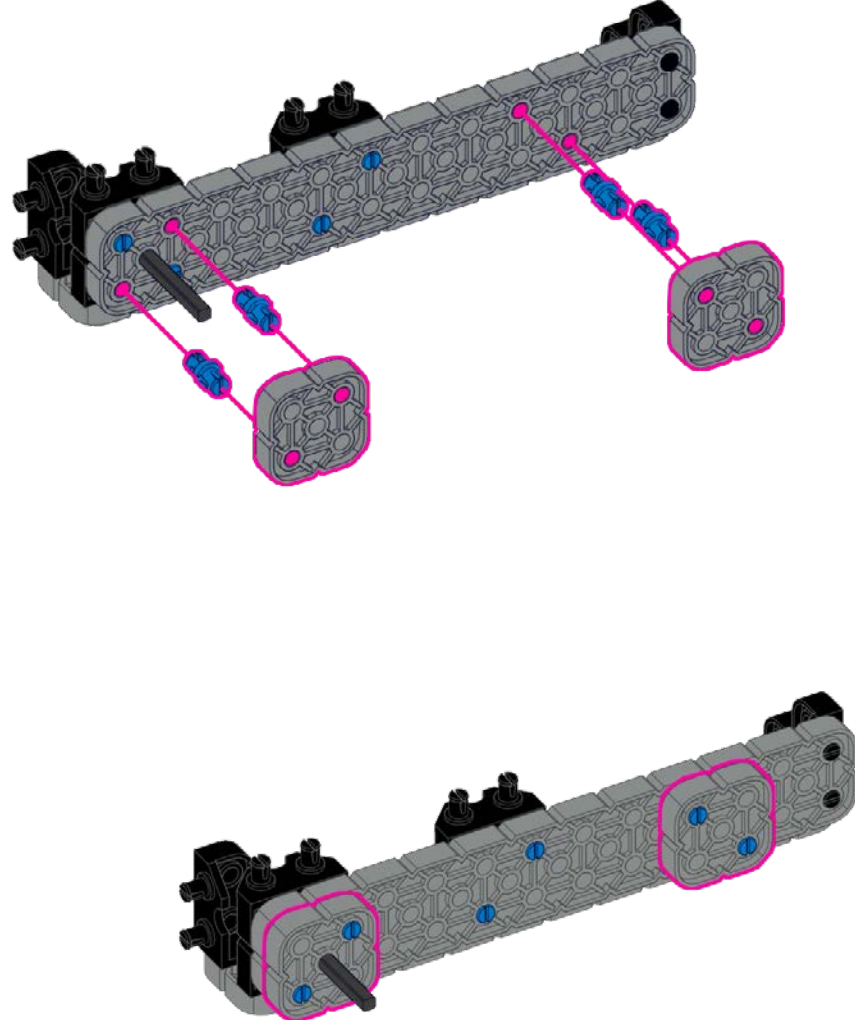
x4

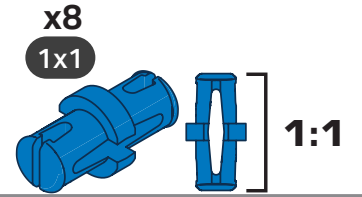
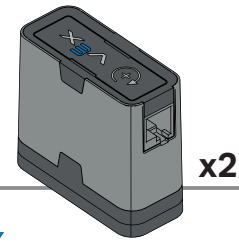
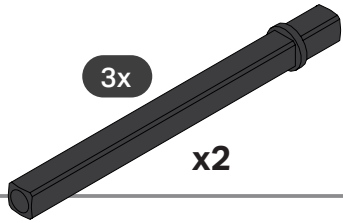
1:1

5 2X

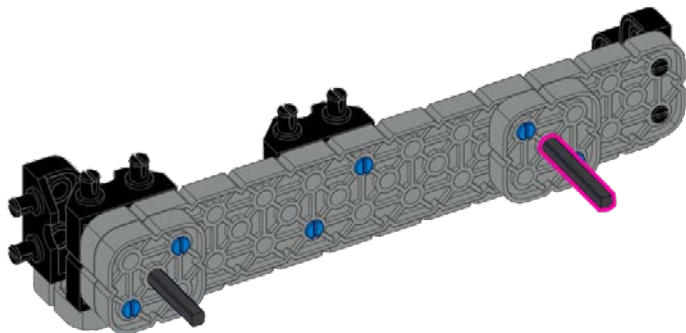
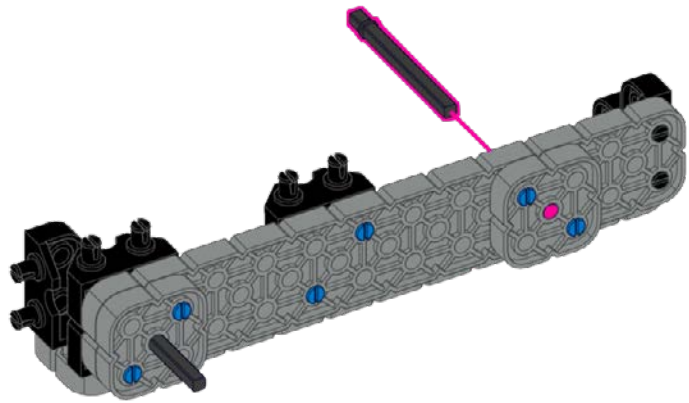


6 2X

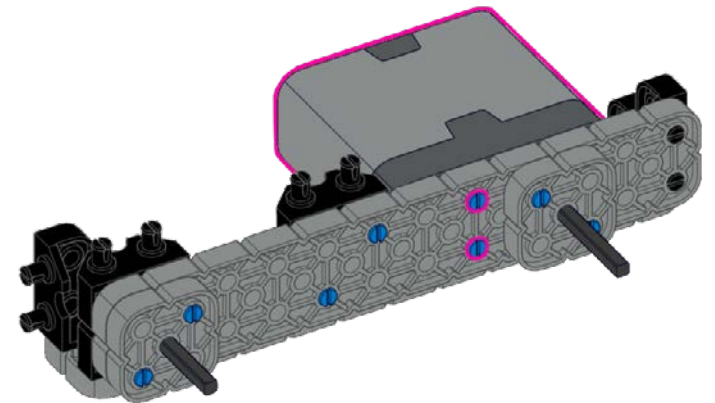
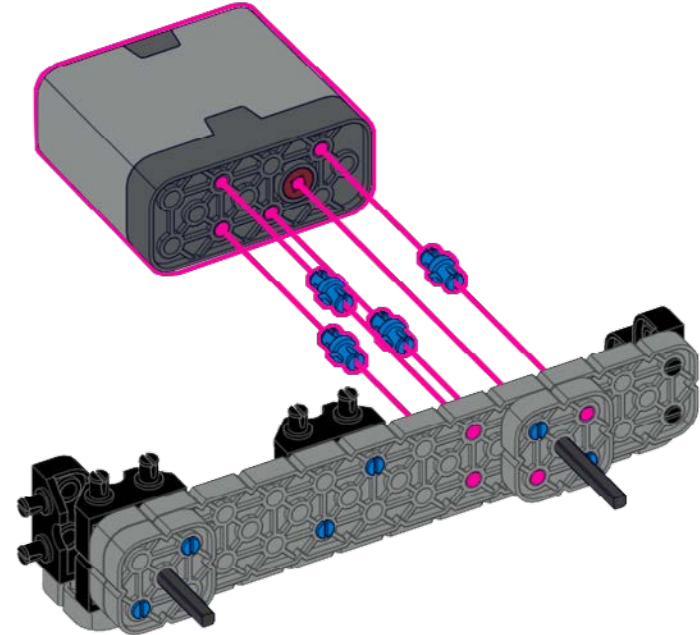


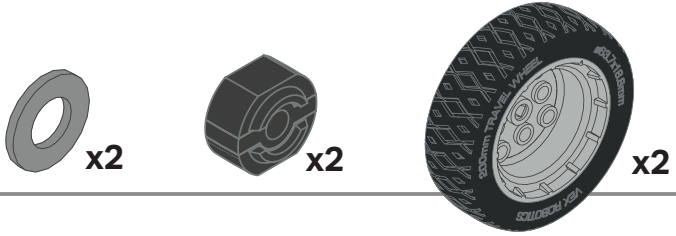


7 2X

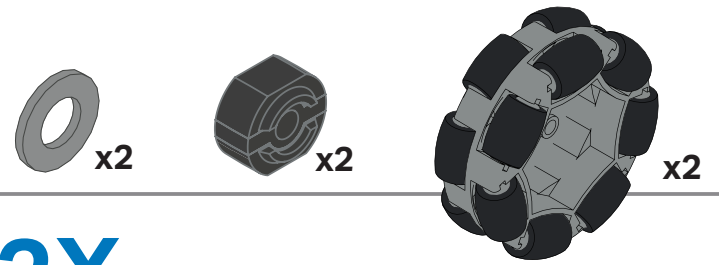
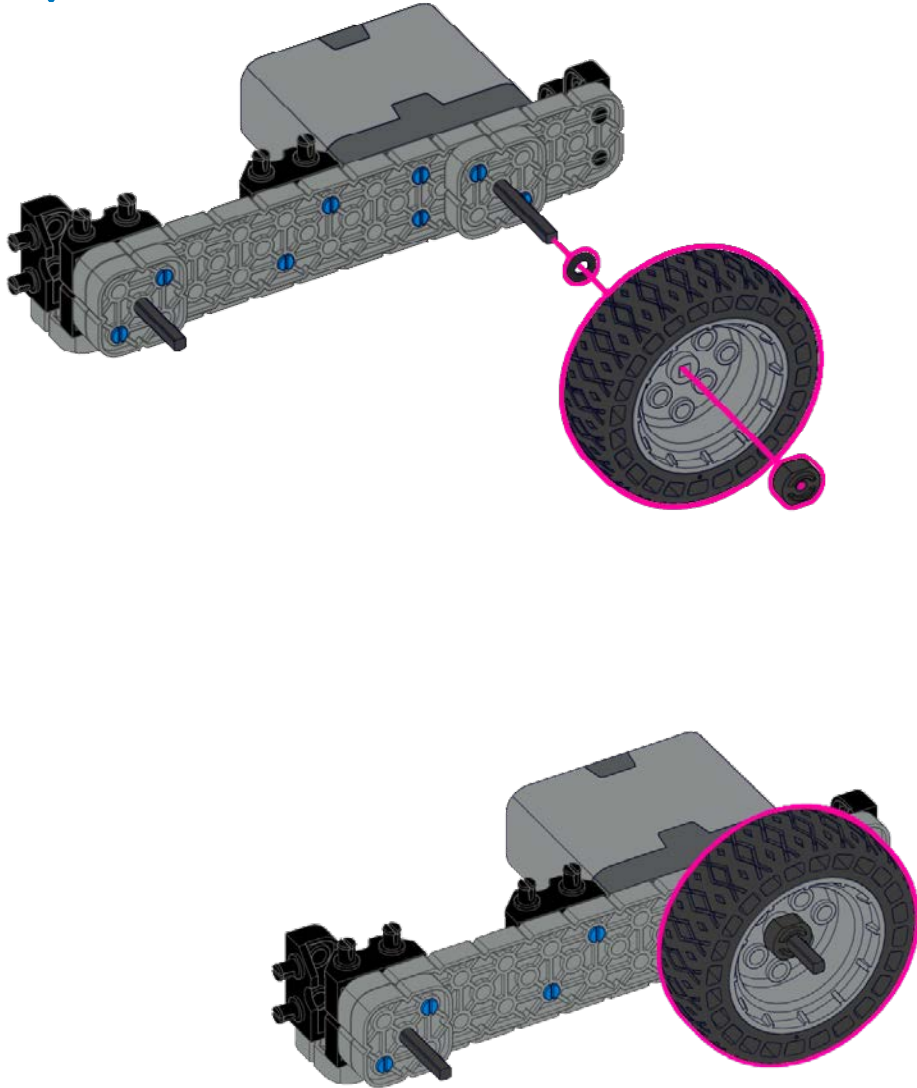


8 2X

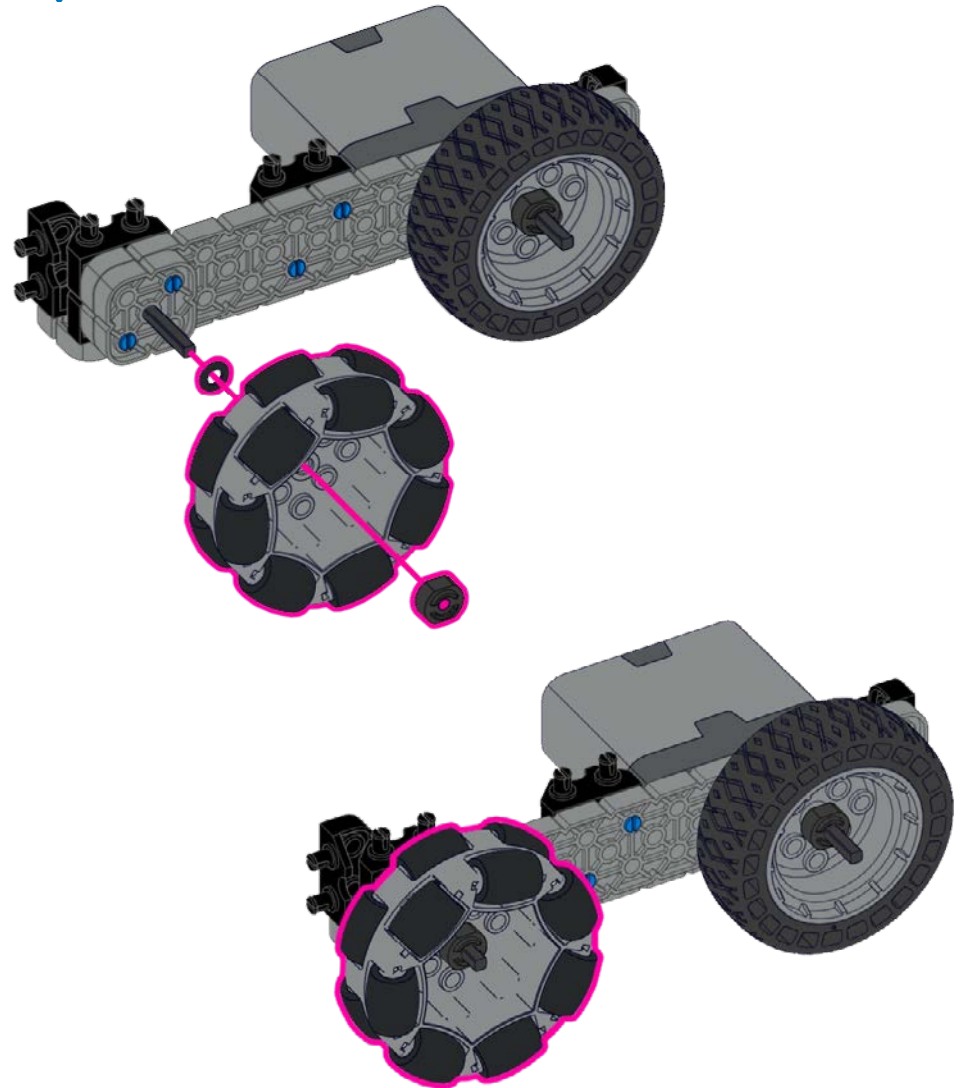




9 2X



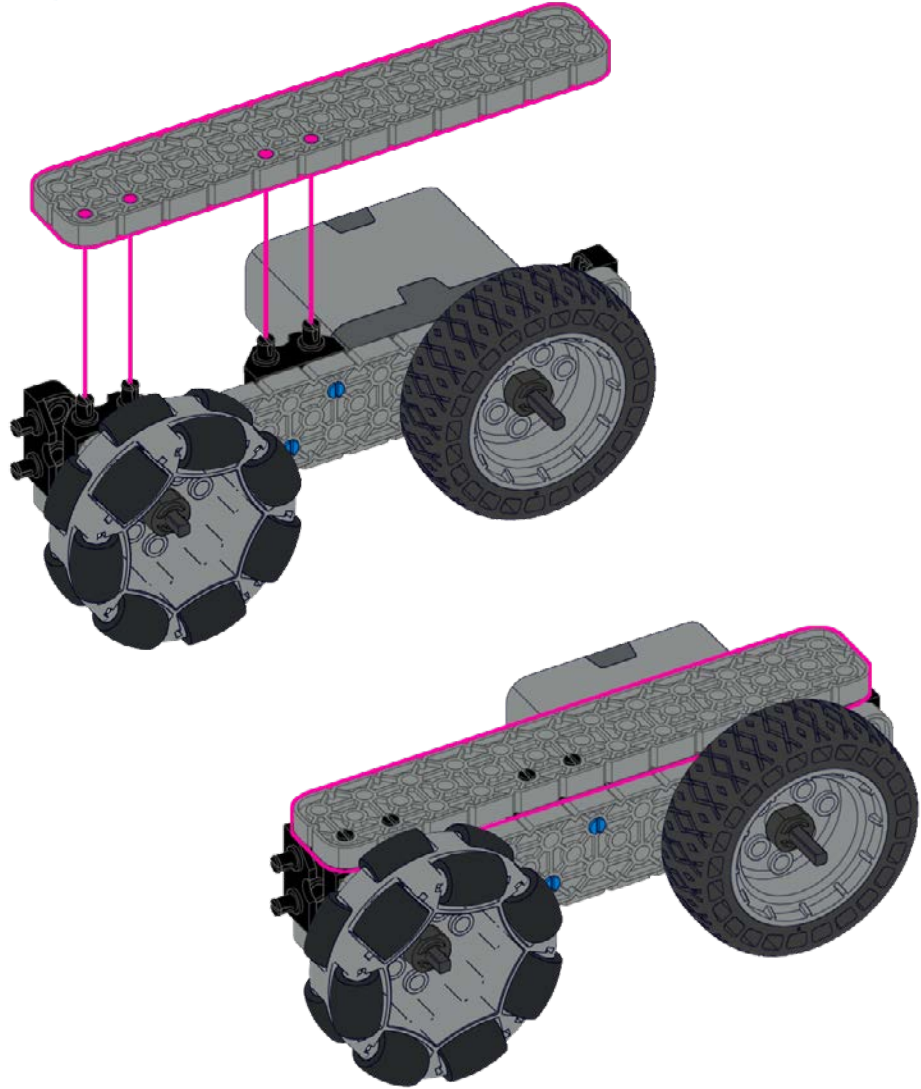
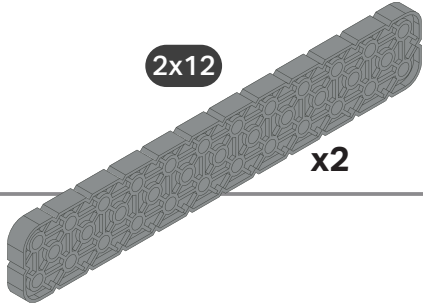
10 2X



11 2X

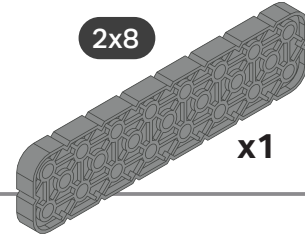
2x12

x2

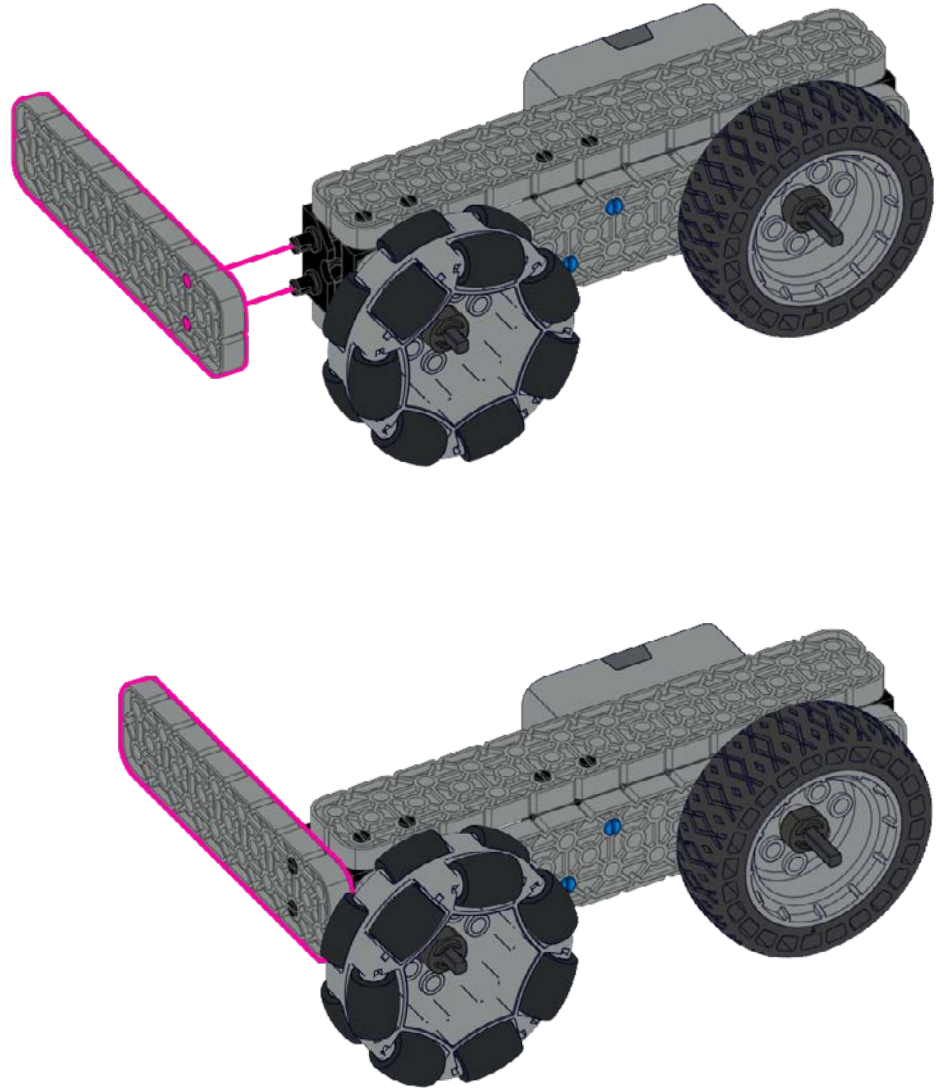


2x8

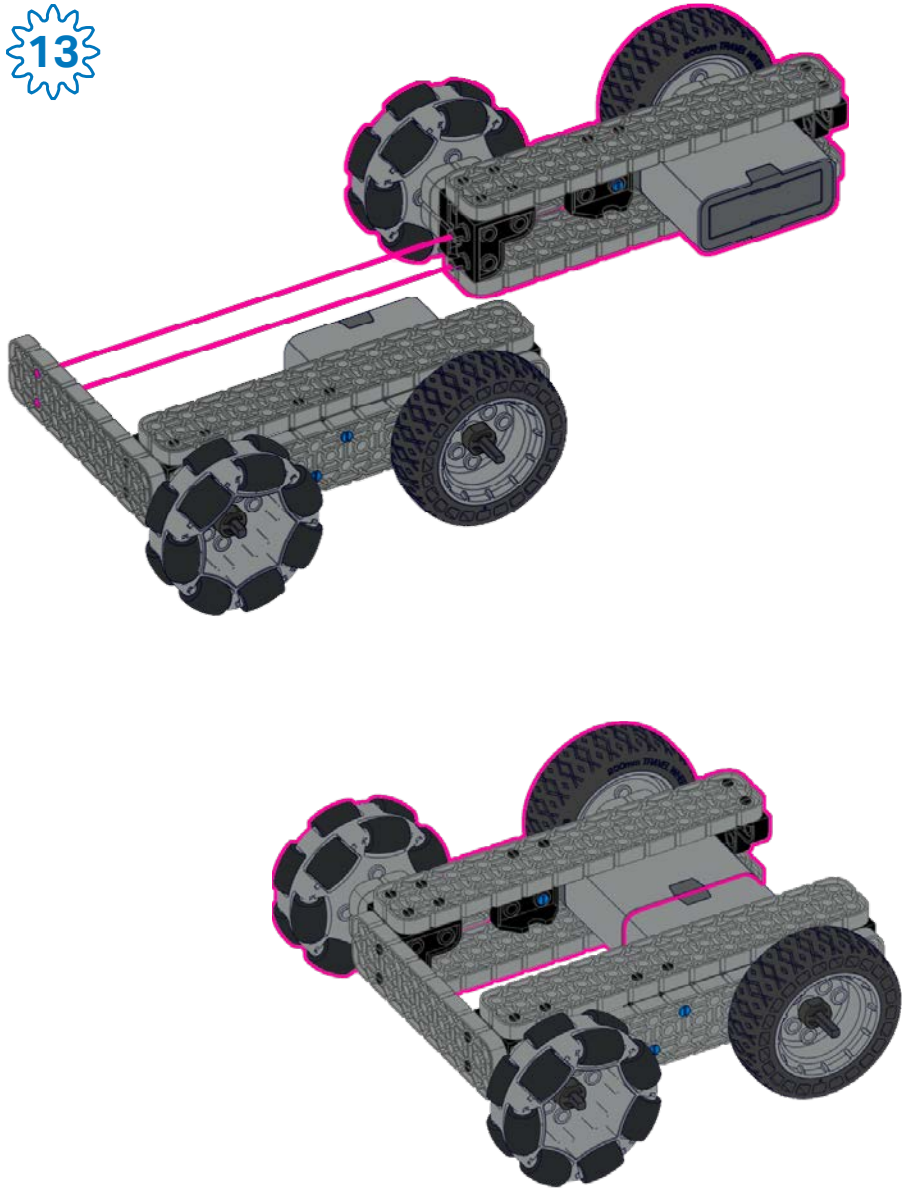
x1



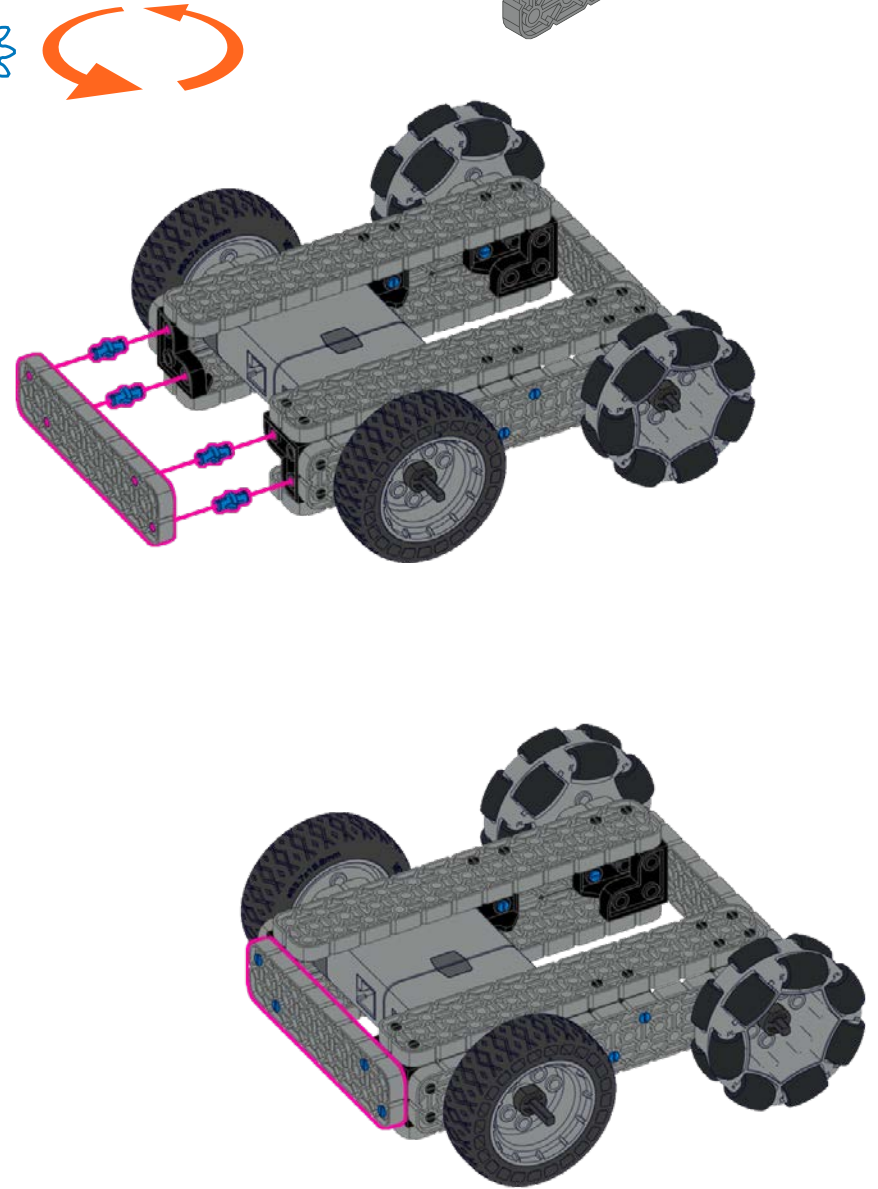
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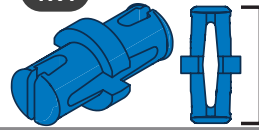
13



14

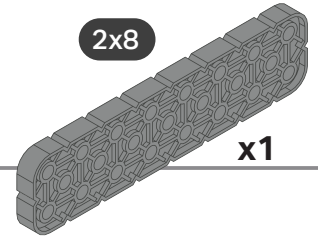


x4
1x1

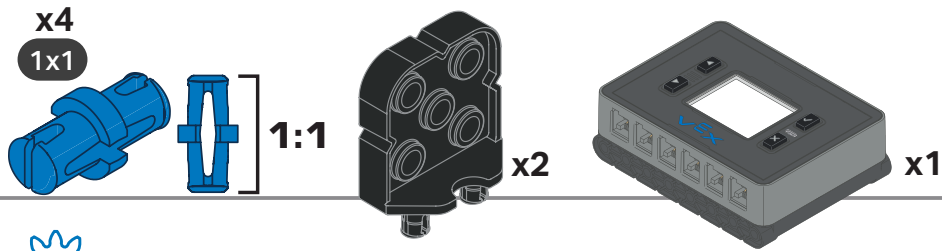


1:1

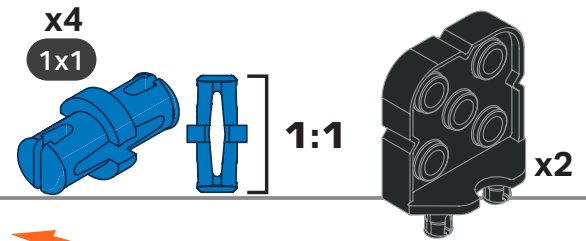
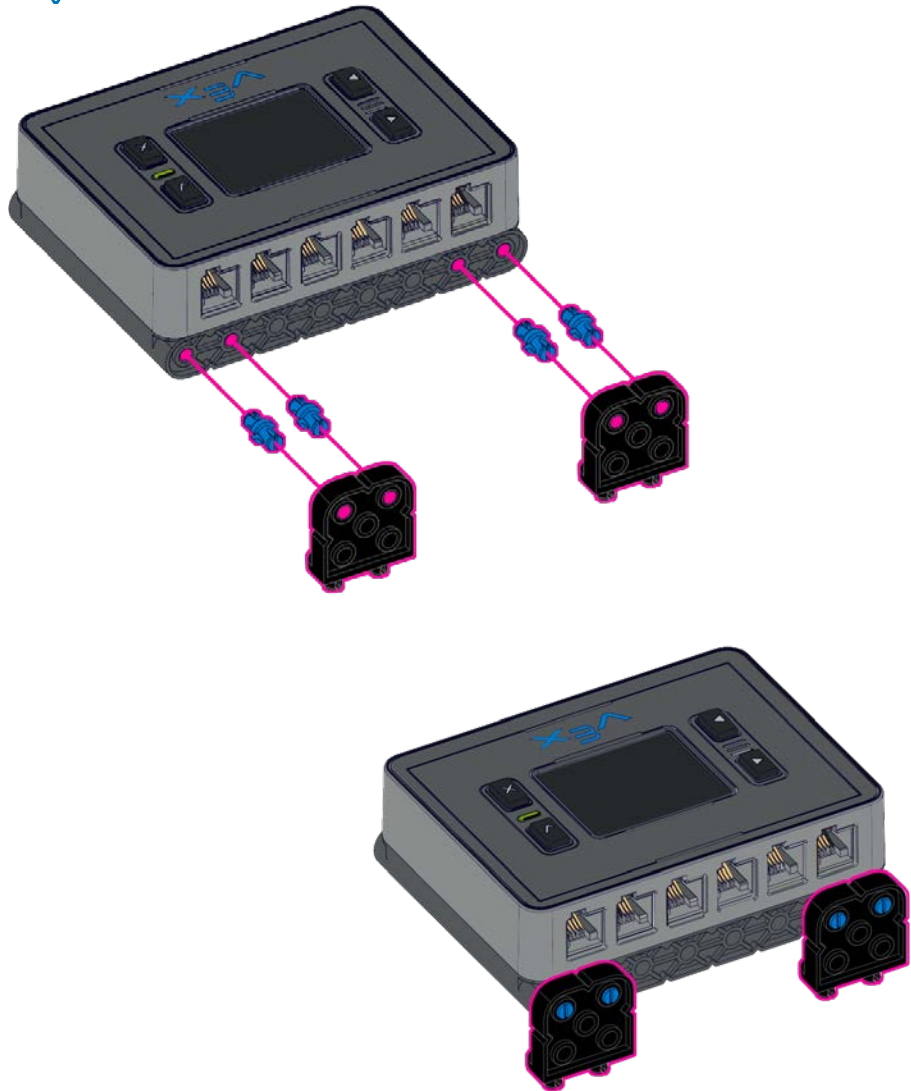
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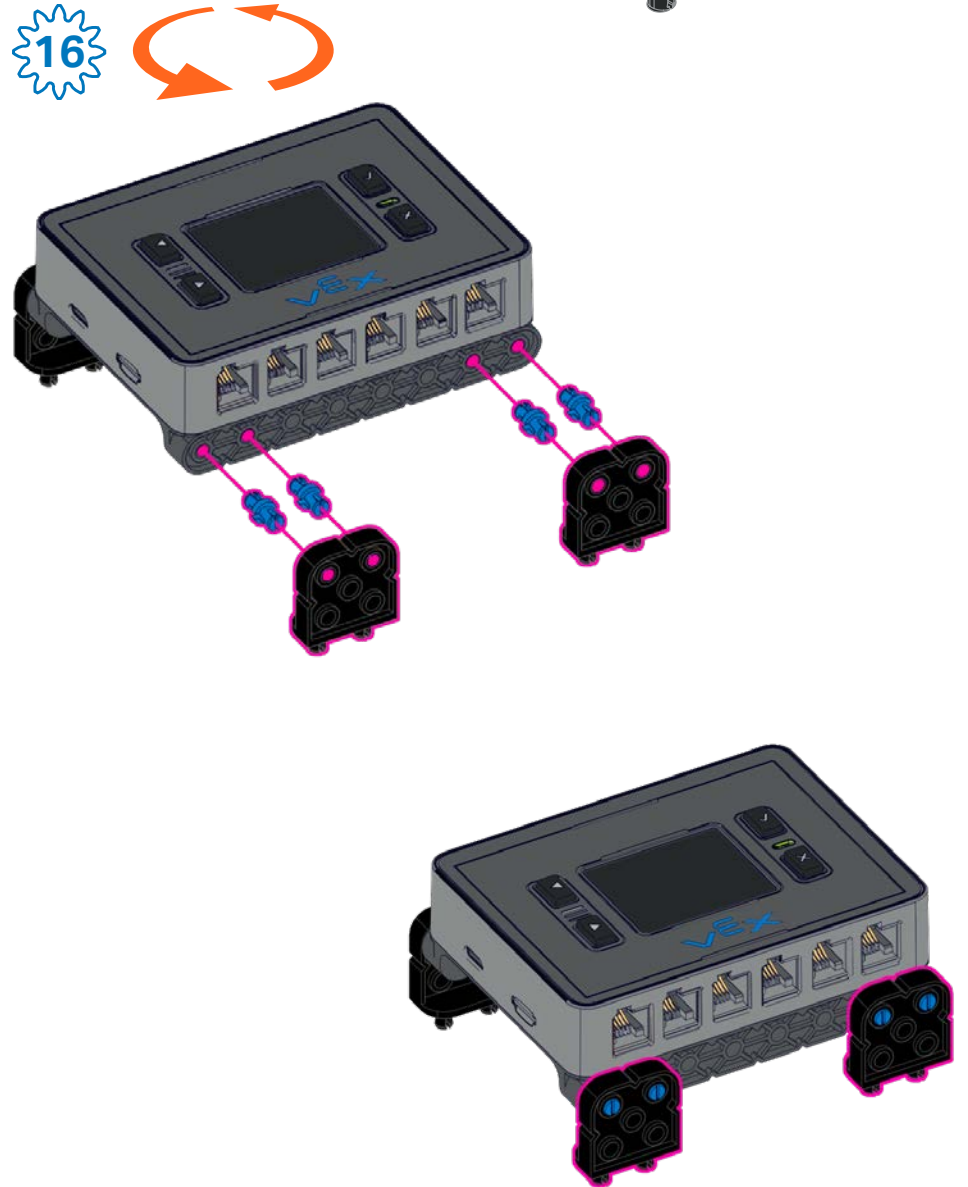
x1



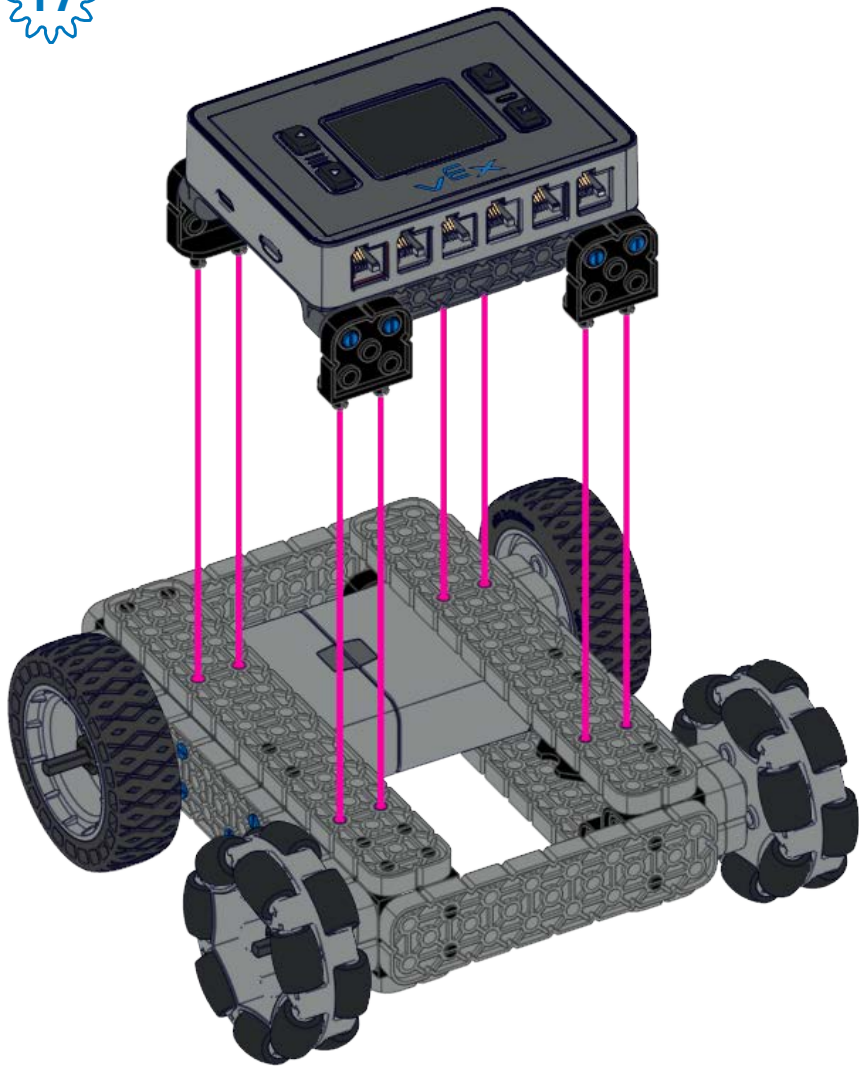
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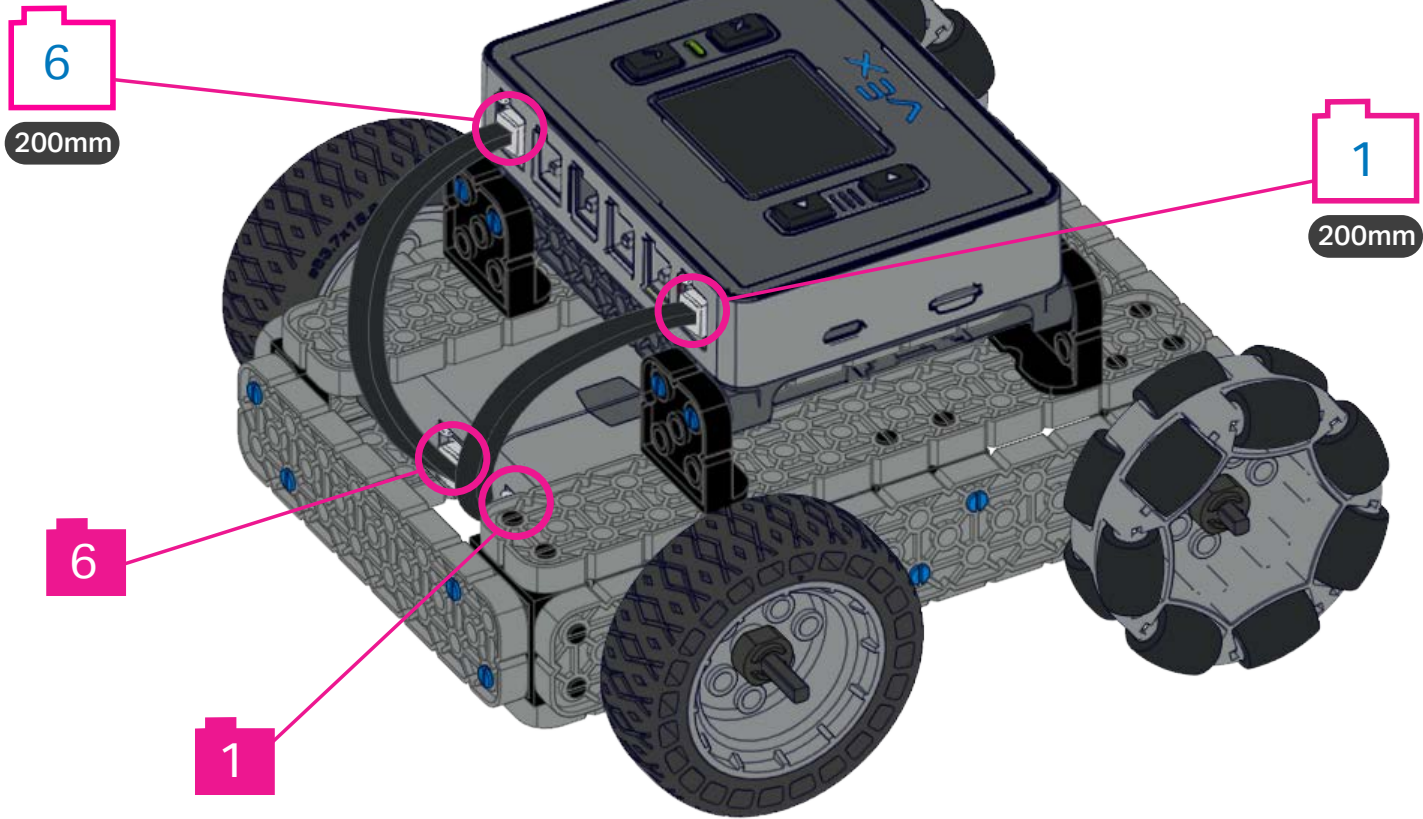
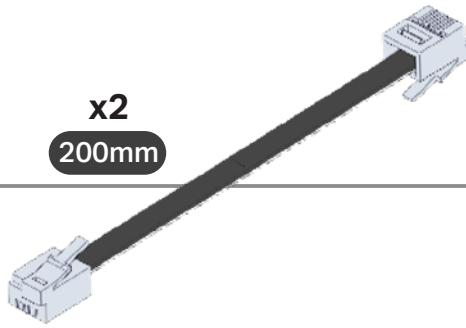


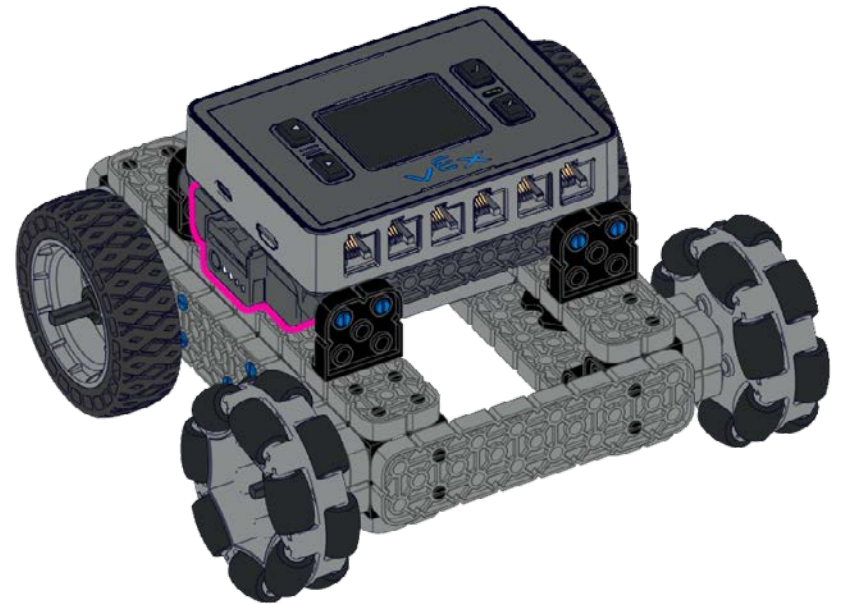
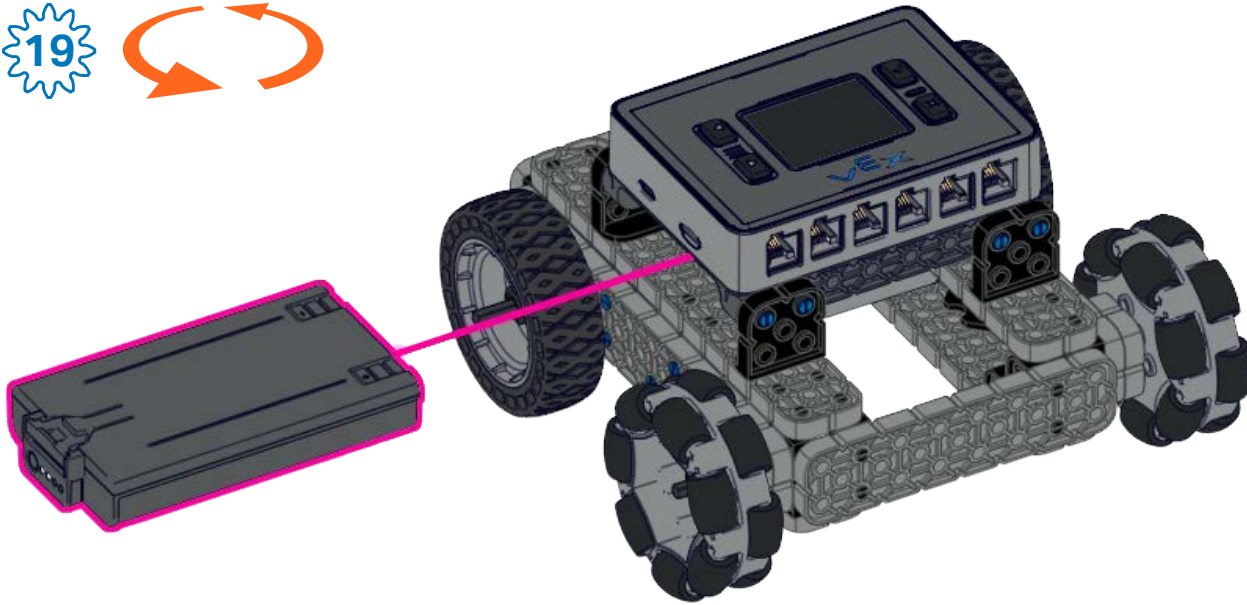
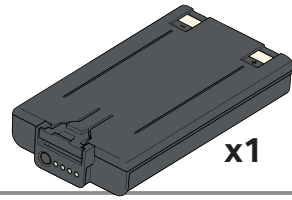
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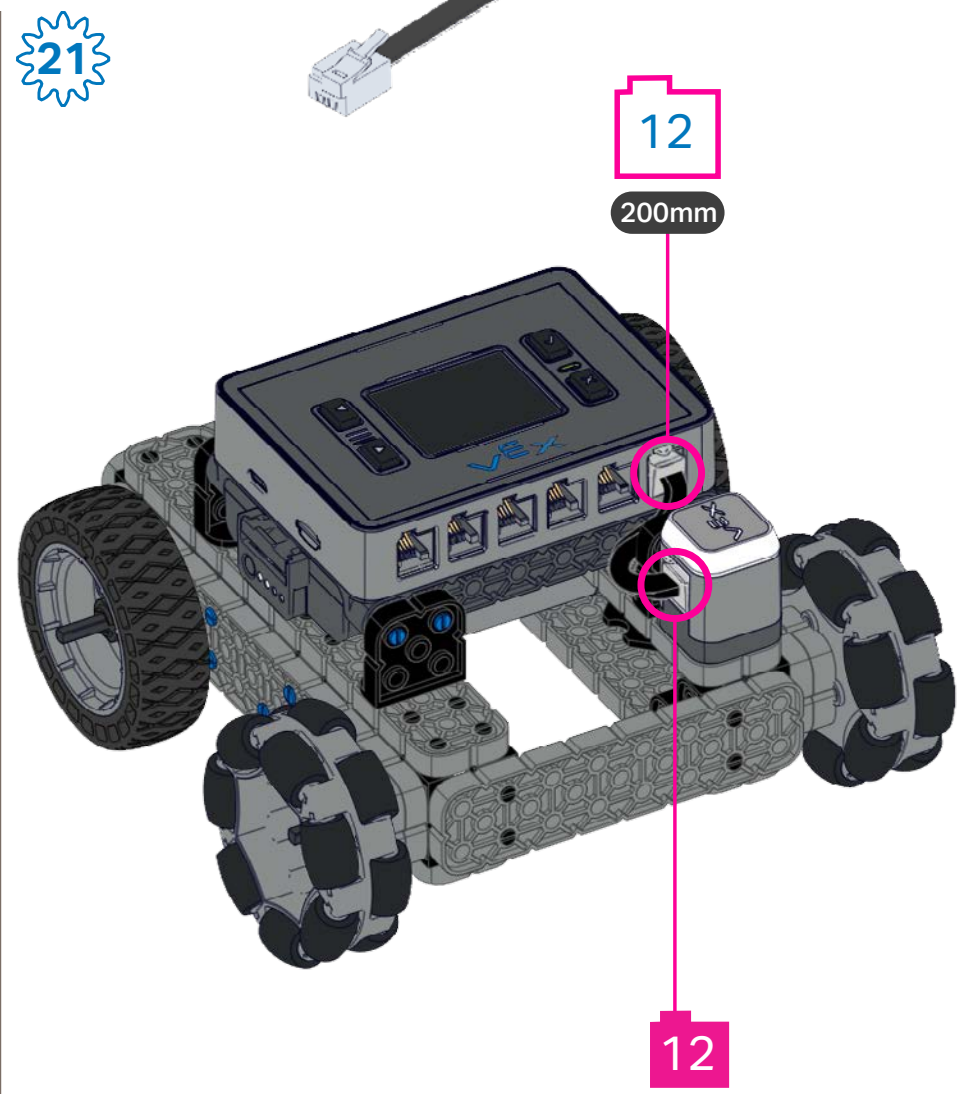
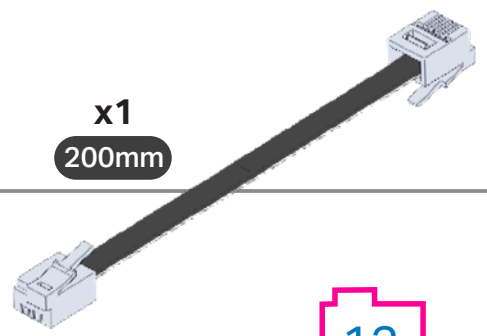
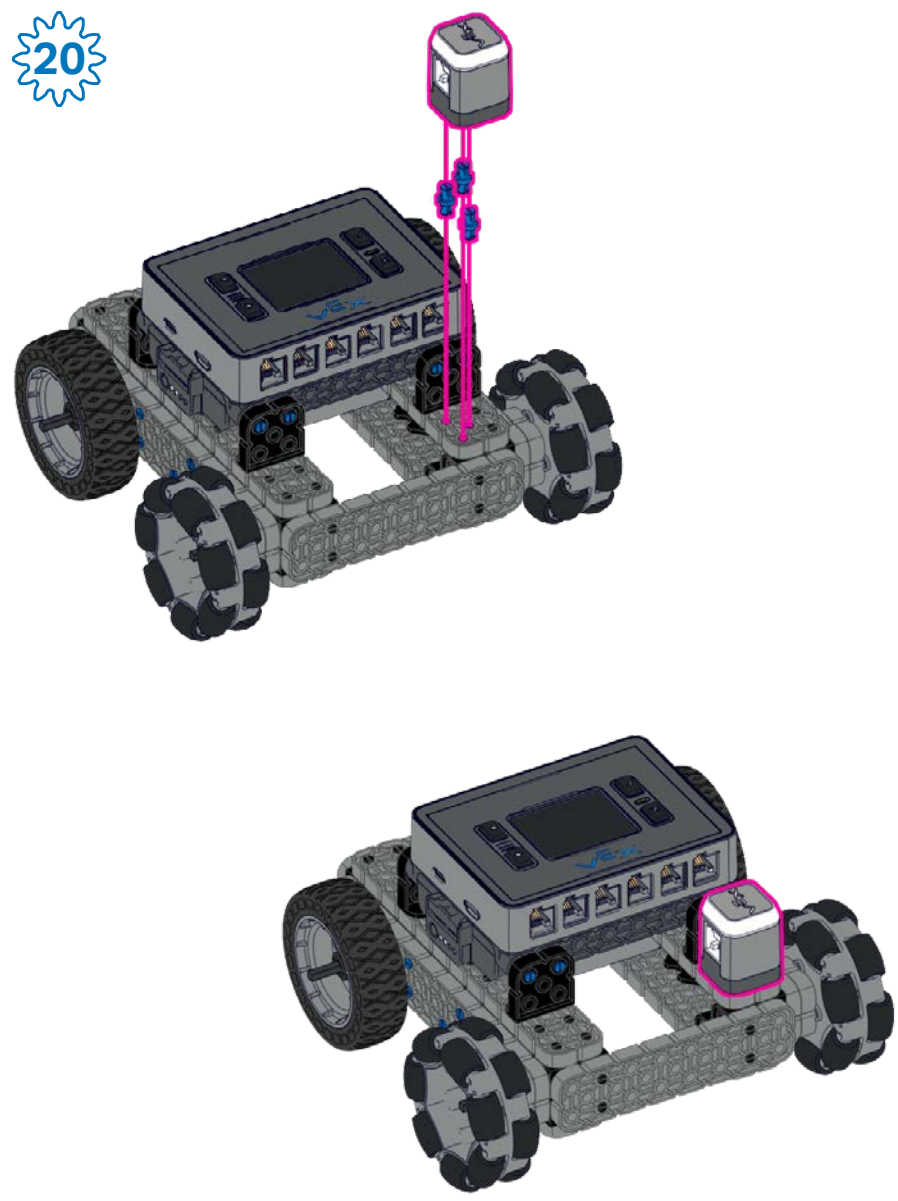
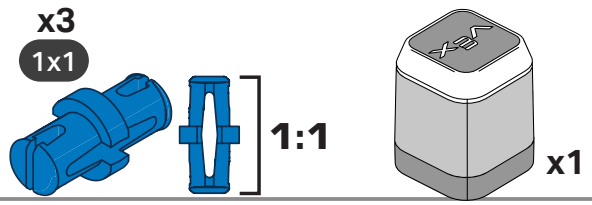


17

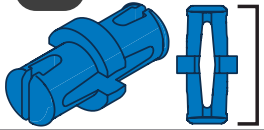




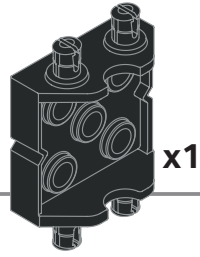




x4
1x1

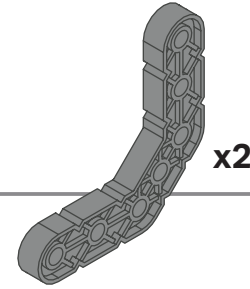
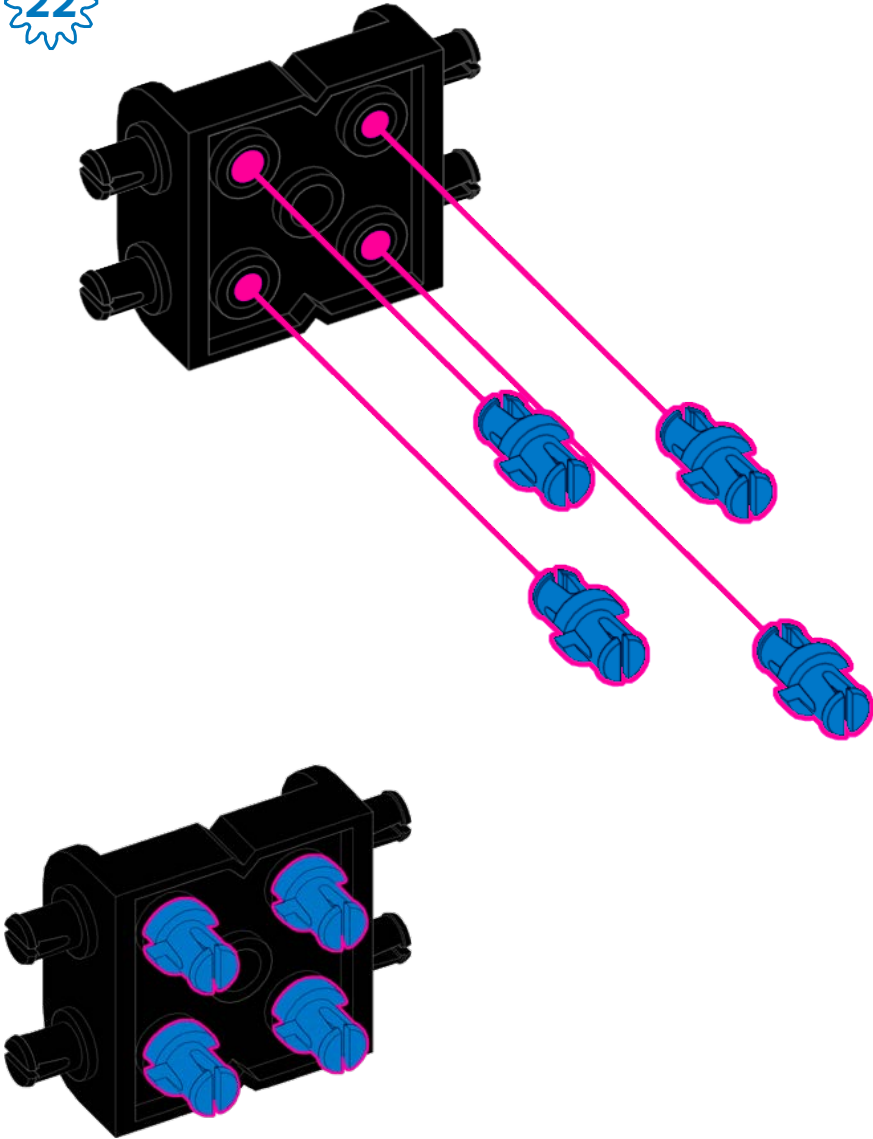


1:1

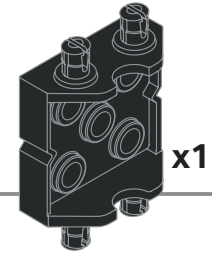


x1

22

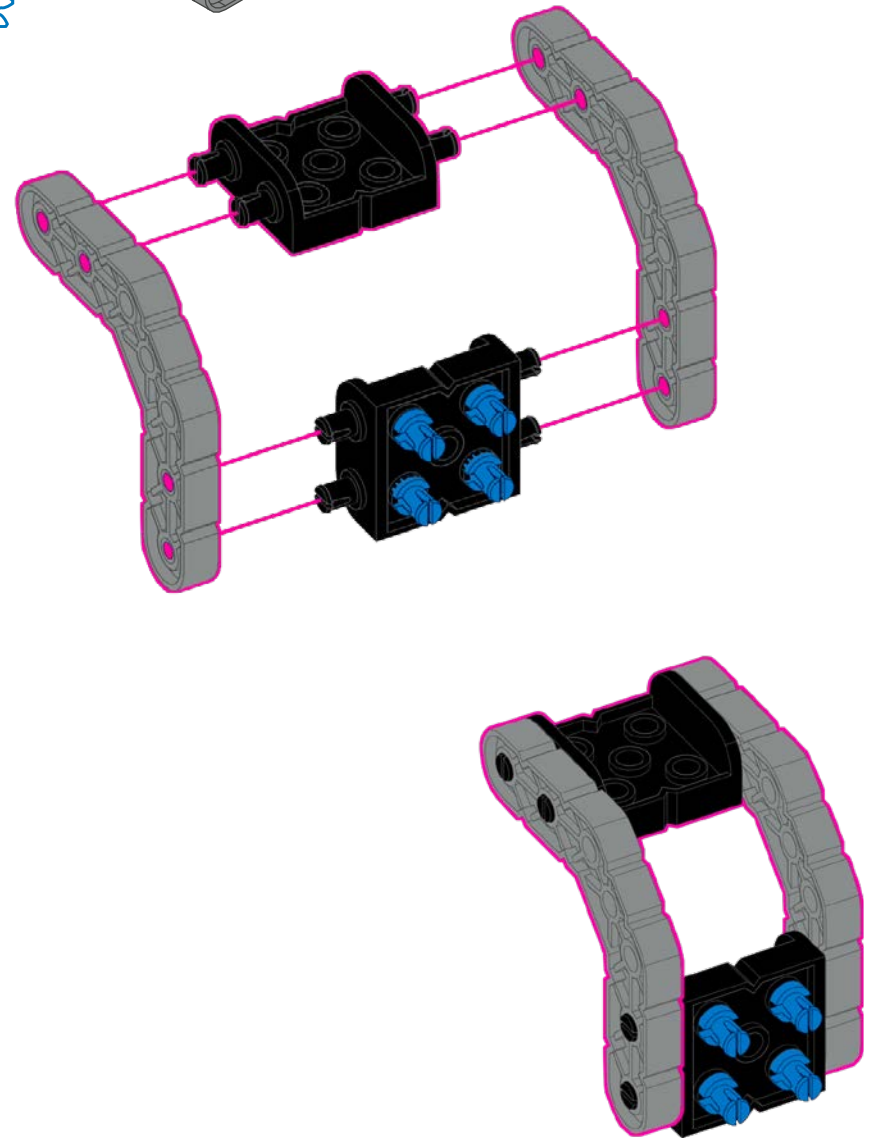


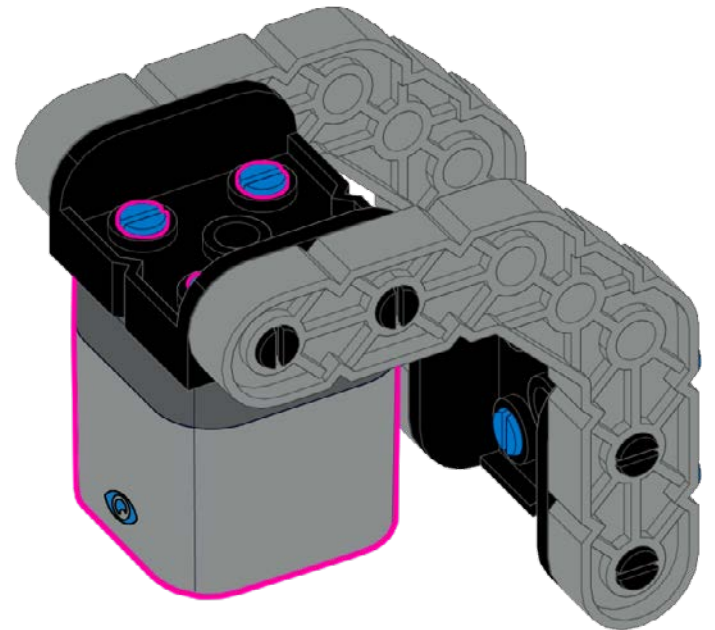
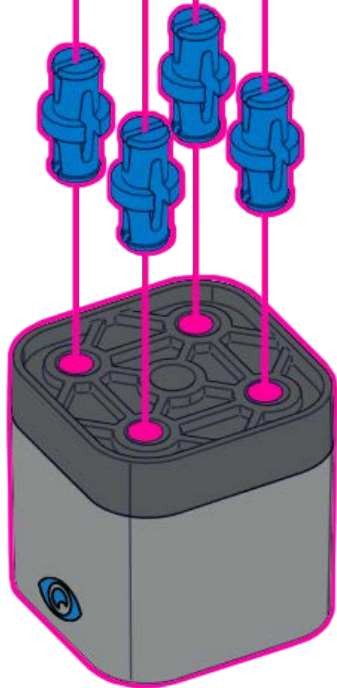
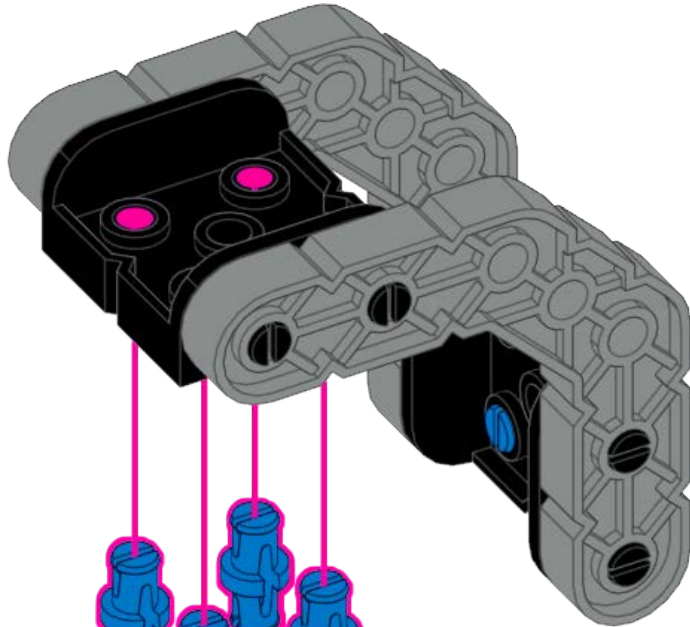
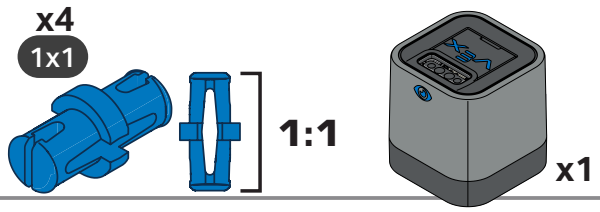
x2



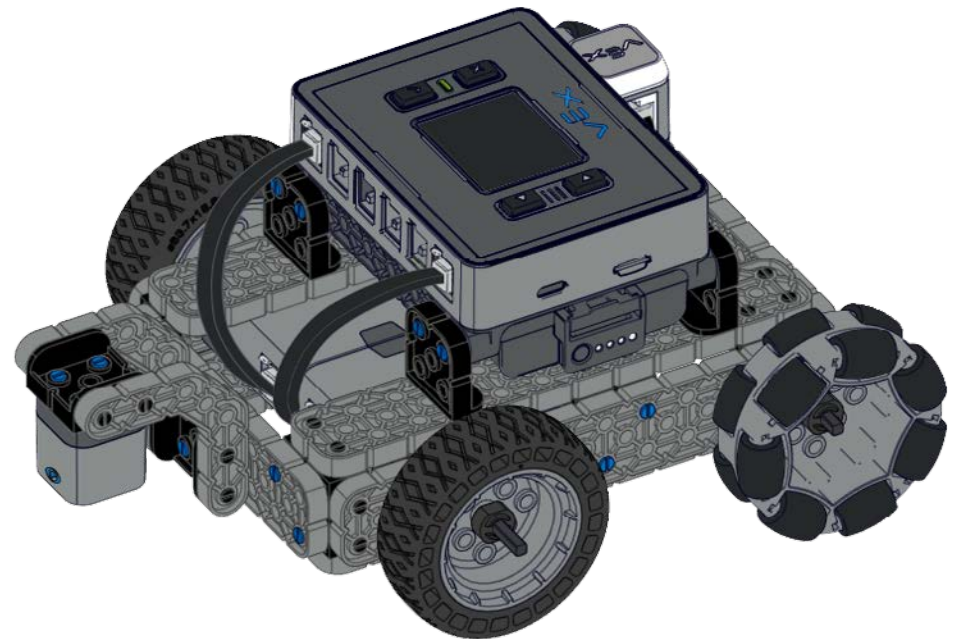
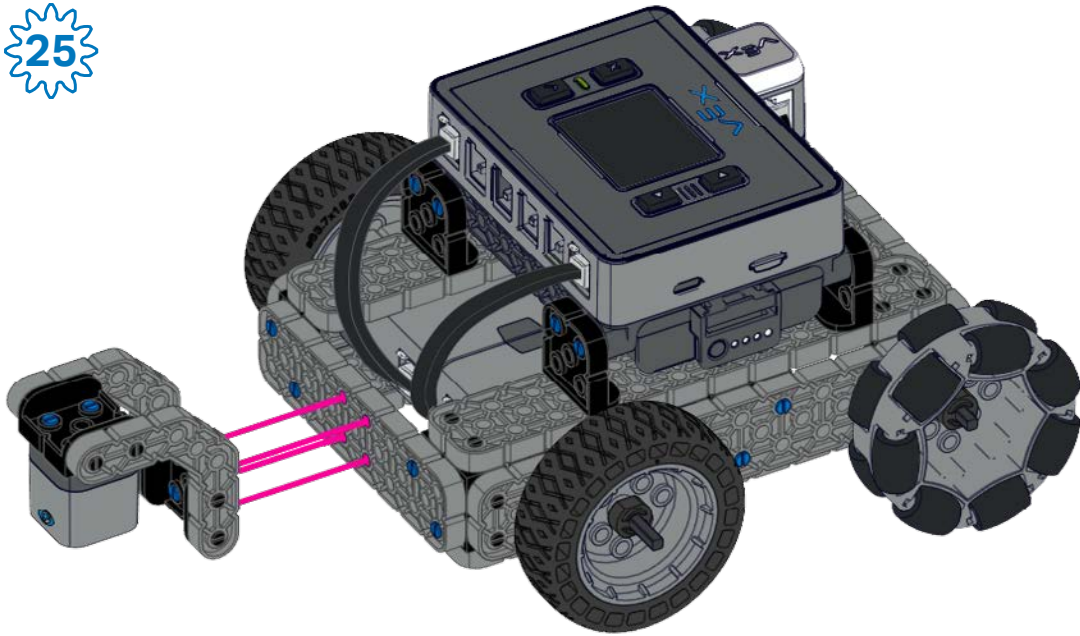
x1

23

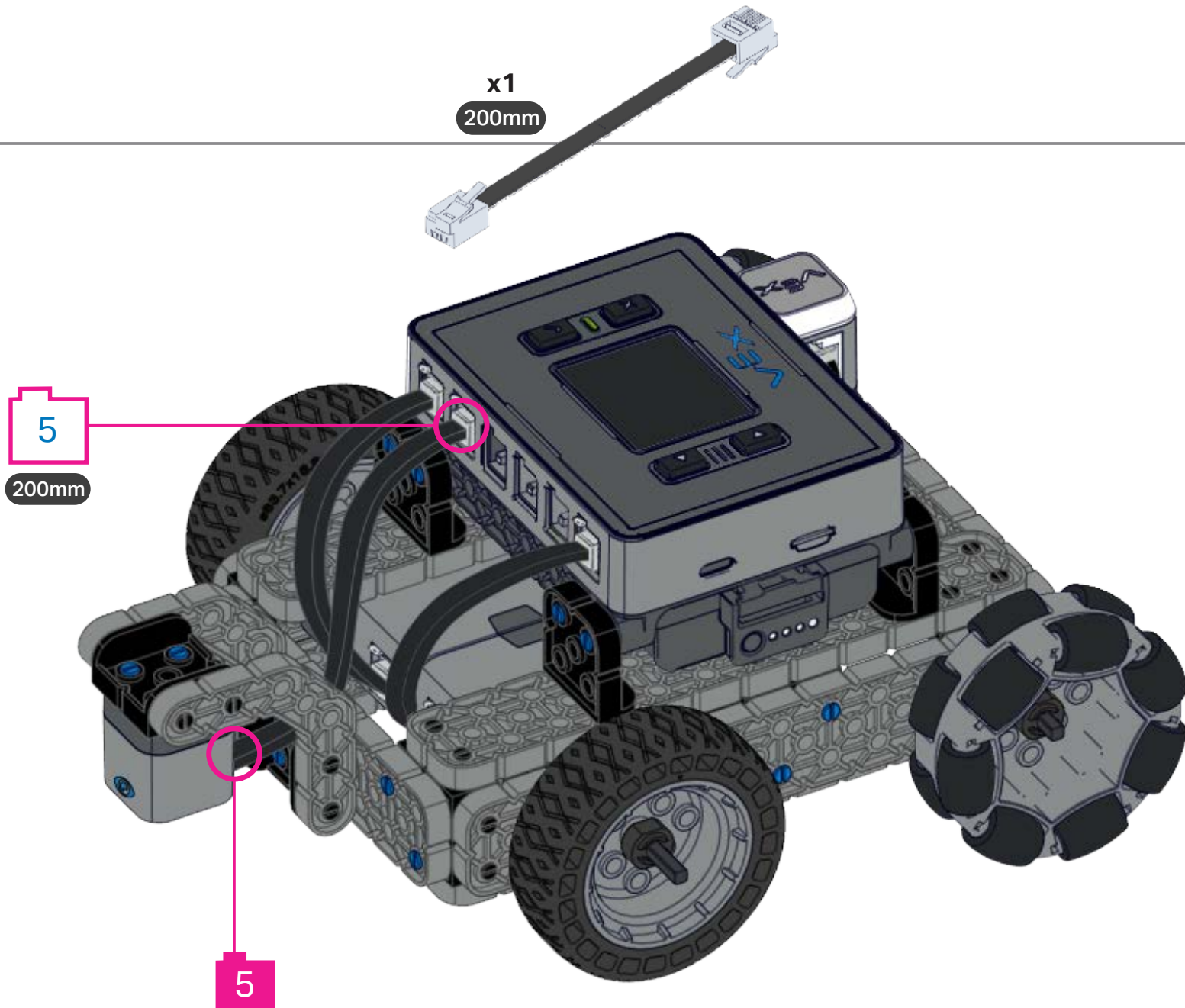




25



26



PLTW Chassis Bot with Sensors

228-3304-751 Rev1



PLTW

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