TaskBot

Building Instructions

LEGO mindstorms education

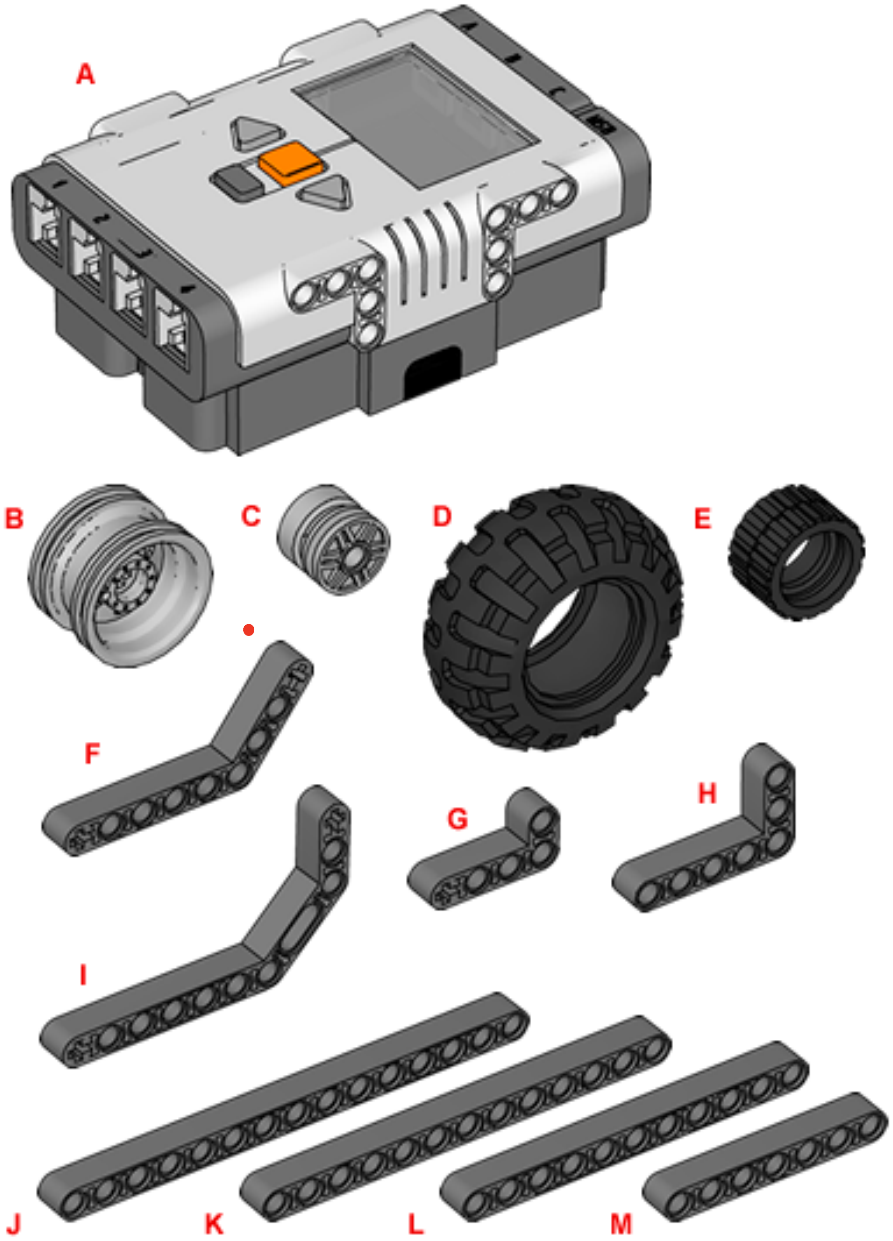
Carnegie Mellon Robotics Academy

Parts Page 1

- (A) 1x NXT Brick
- (B) 2x 30x20 Hub
- (C) 1x 18x14 Hub
- (D) 2x 56x26 Tire
- (E) 1x 24x14 Tire
- (F) 2x 4x6 Angular Beam
- (G) 4x 4x2 Angular Beam
- (H) 4x 3x5 Angular Beam
- (I) 4x 3x7 Angular Beam
- (J) 1x 15-Module Beam
- (K) 1x 13-Module Beam
- (L) 1x 11-Module Beam
- (M) 2x 7-Module Beam

(A) = Part Number

1x = Amount Needed

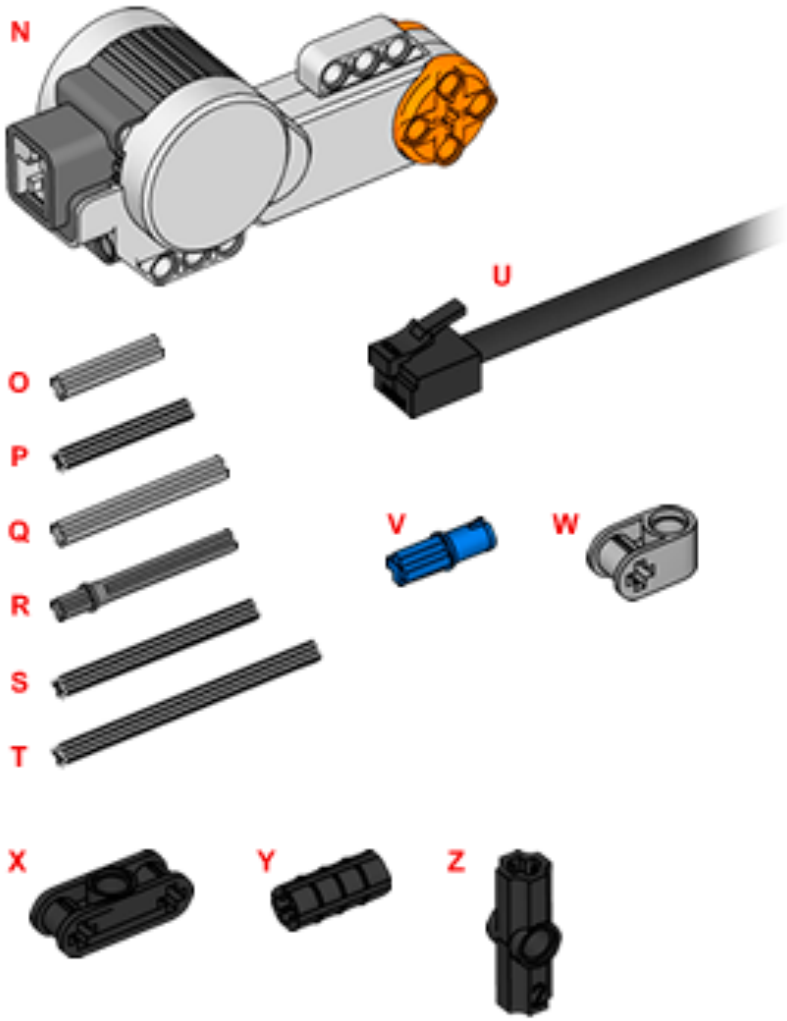


Parts Page 2

- (N) 2x NXT Servo Motor
- (O) 5x 3-Module Axle
- (P) 5x 4-Module Axle
- (Q) 4x 5-Module Axle
- (R) 2x 5½-Module Axle
- (S) 3x 6-Module Axle
- (T) 1x 8-Module Axle
- (U) 2x Cable
- (V) 6x Connector Peg with Friction Axle
- (W) 12x 2-Module Cross Block
- (X) 3x Double Cross Block
- (Y) 4x Axle Extender
- (Z) 2x 180° Angular Block

(A) = Part Number

1x = Amount Needed



Parts Page 3

AA	4x	16-Tooth Gear
BB	6x	Bushing
CC	5x	1/2-Module Bushing
DD	6x	Connector Peg with Bushing
EE	10x	3-Module Connector Peg with Friction
FF	10x	Connector Peg with Friction

A = Part Number

1x = Amount Needed

AA

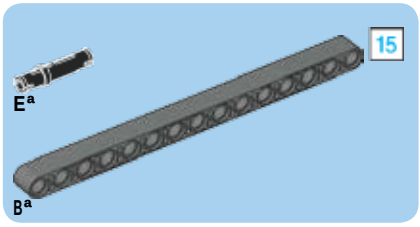
BB

CC

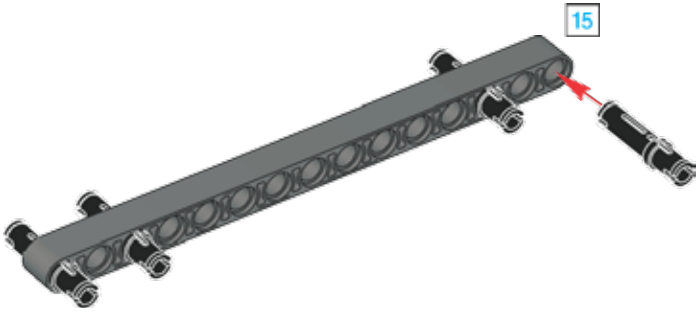
DD

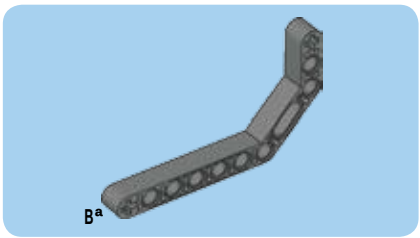
EE

FF

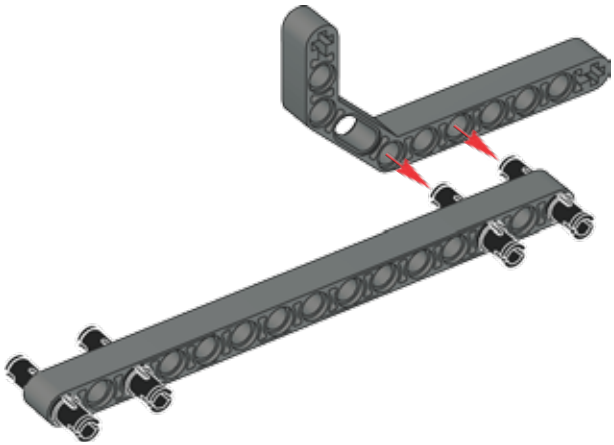


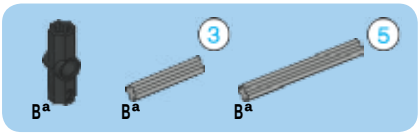
B

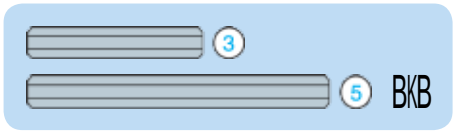




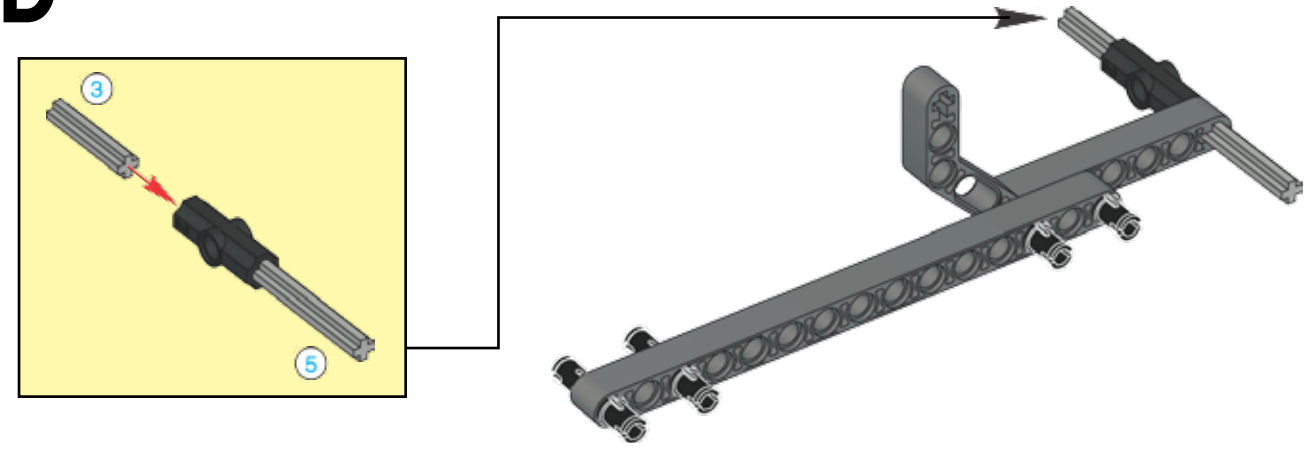
C

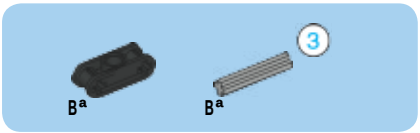




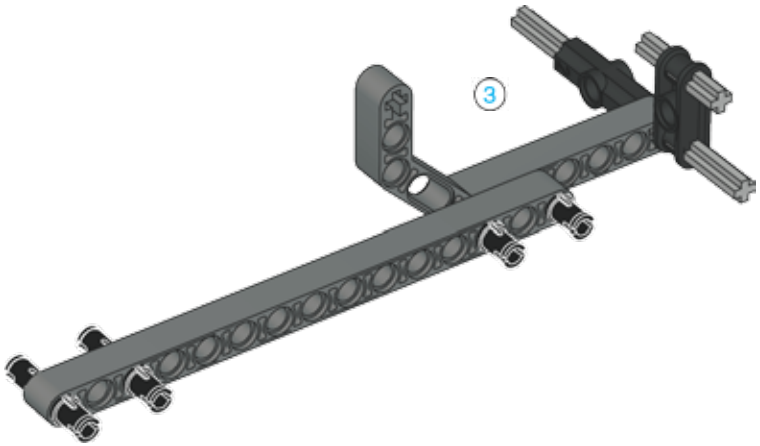


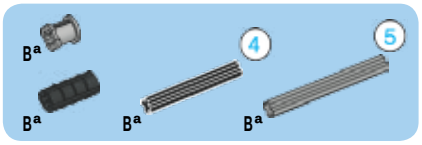
D

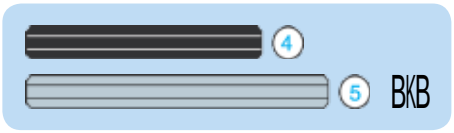




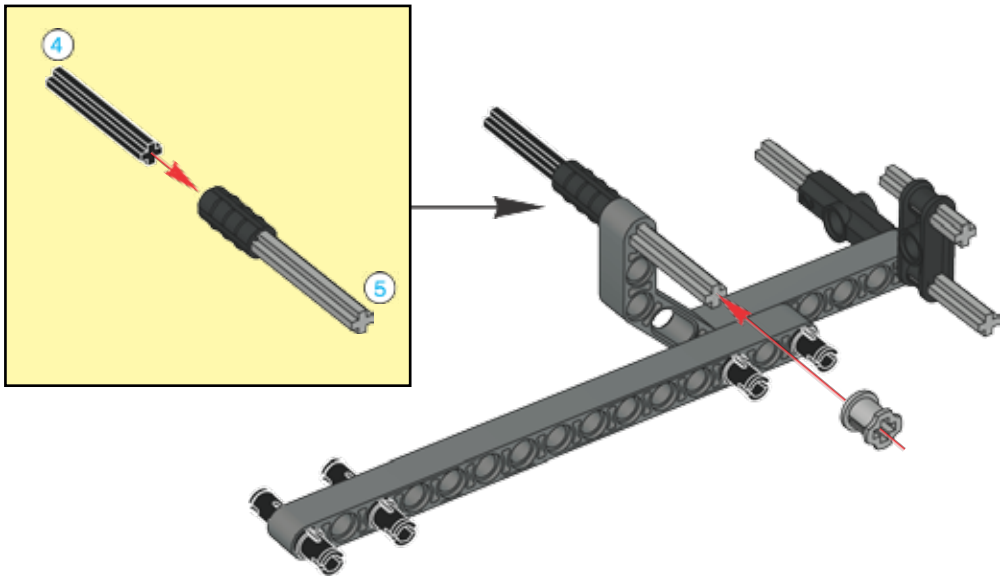
E

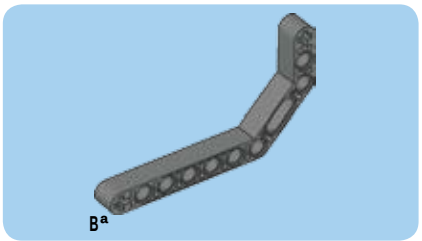




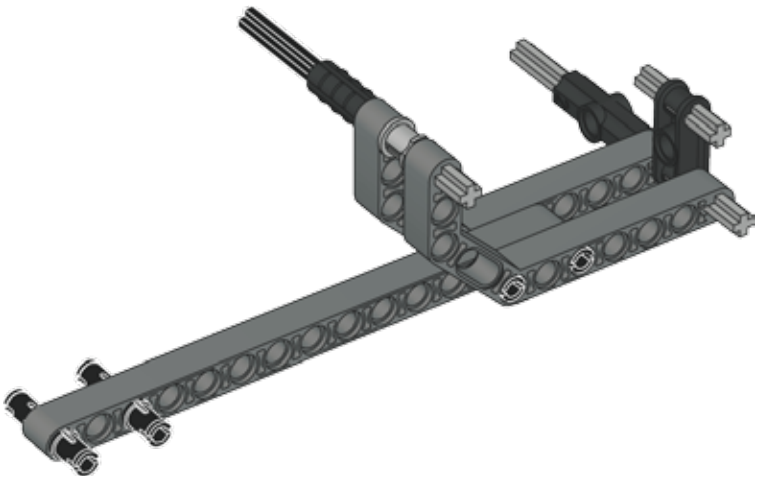


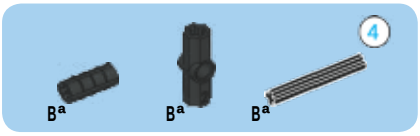
F

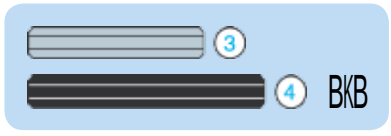




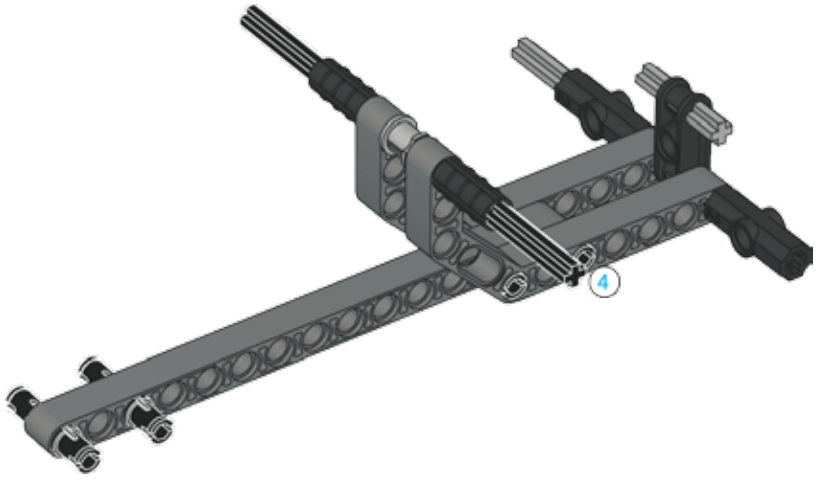
G

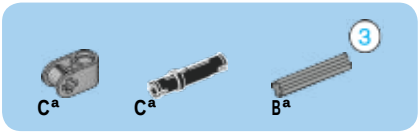




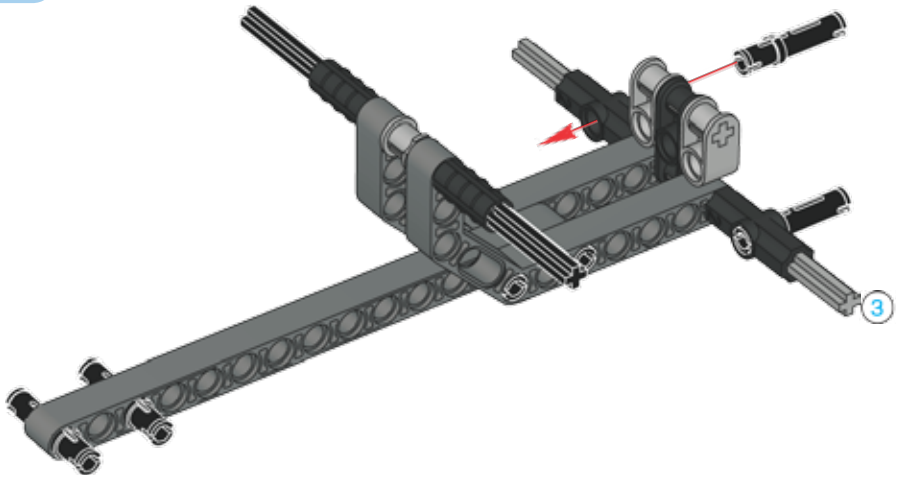


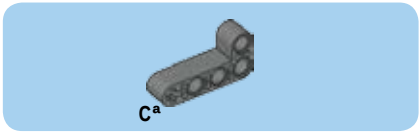
H



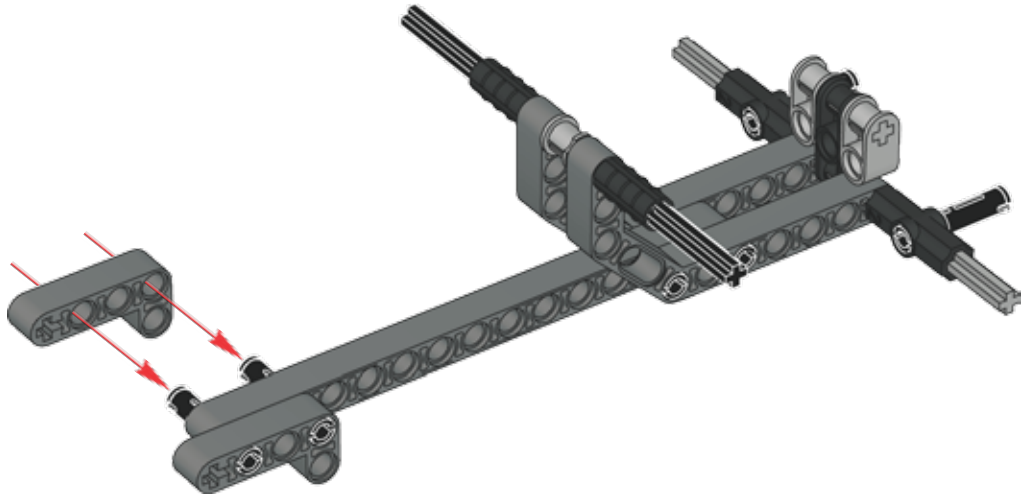


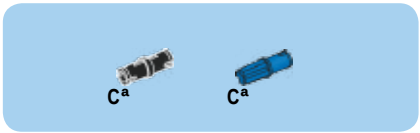
I



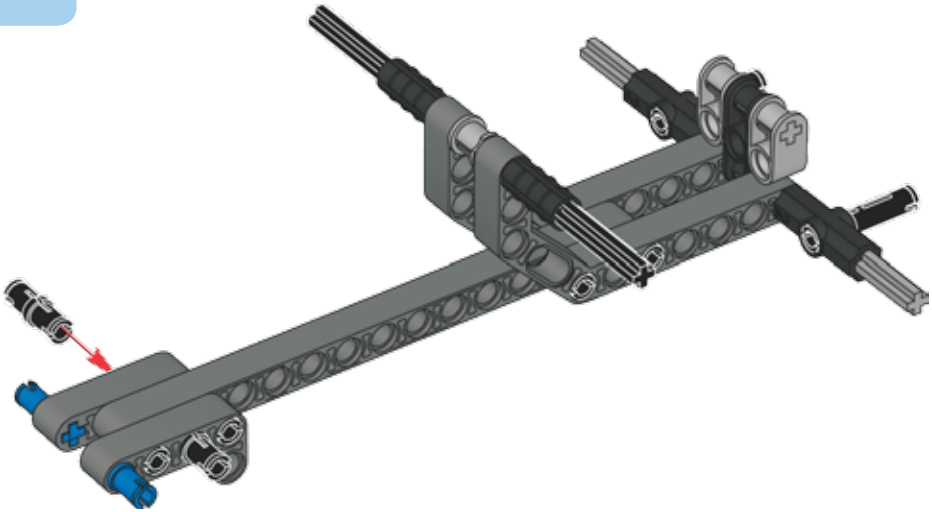


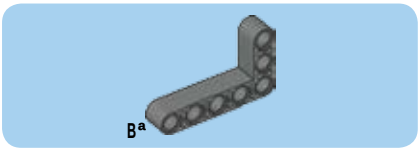
J



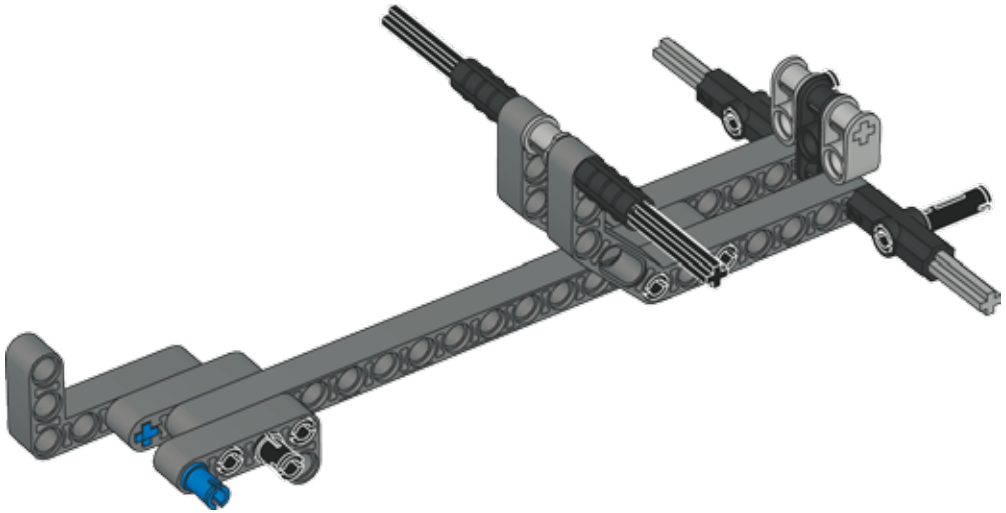


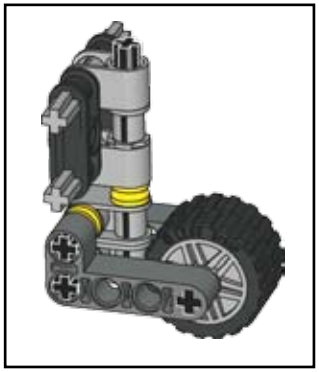
BA

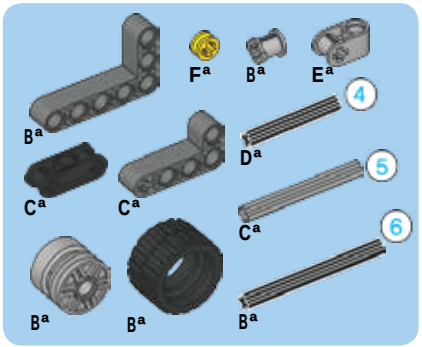




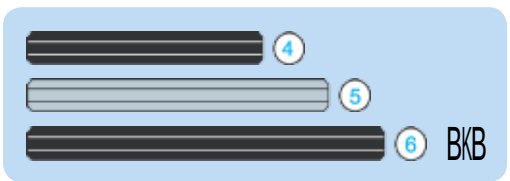
BB







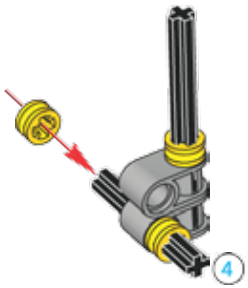
BC



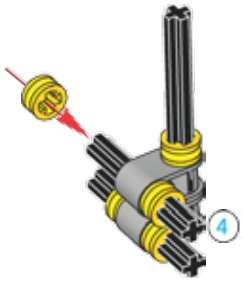
B

C

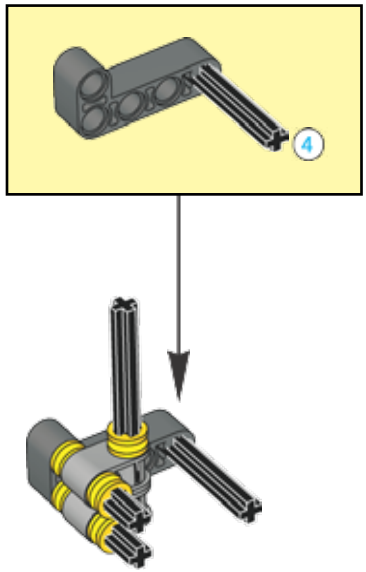
D



E

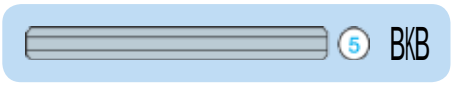


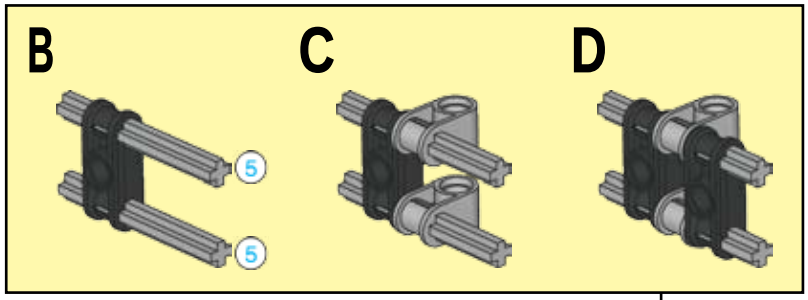
F



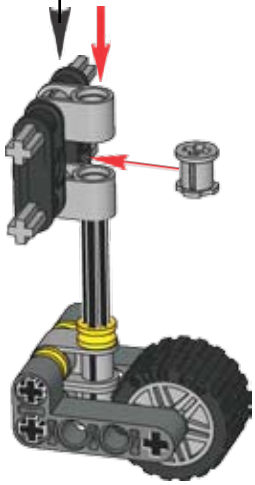
G

H

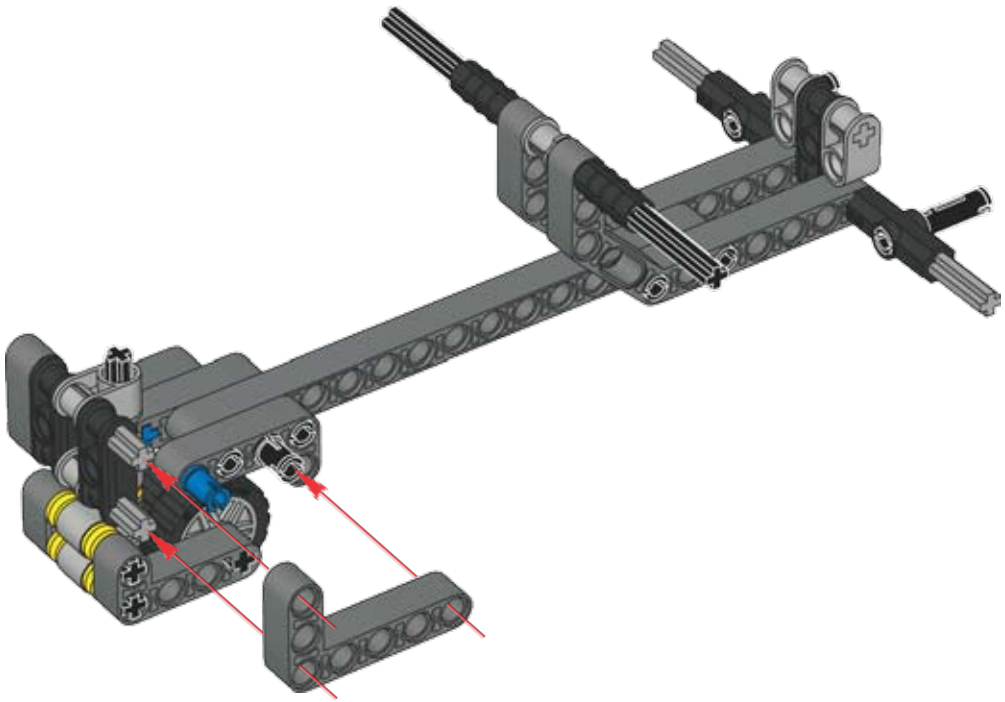


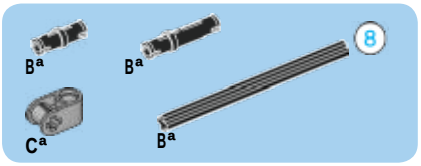


I

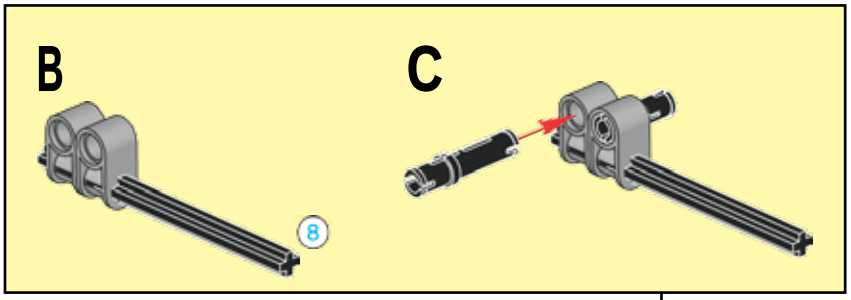


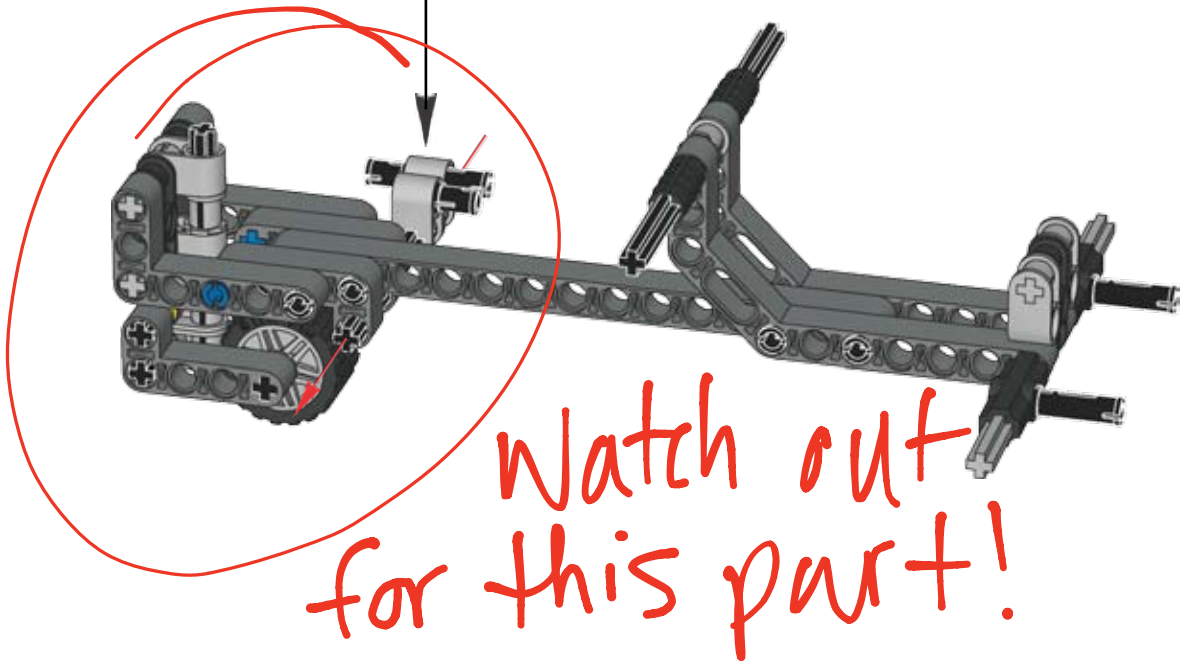
J





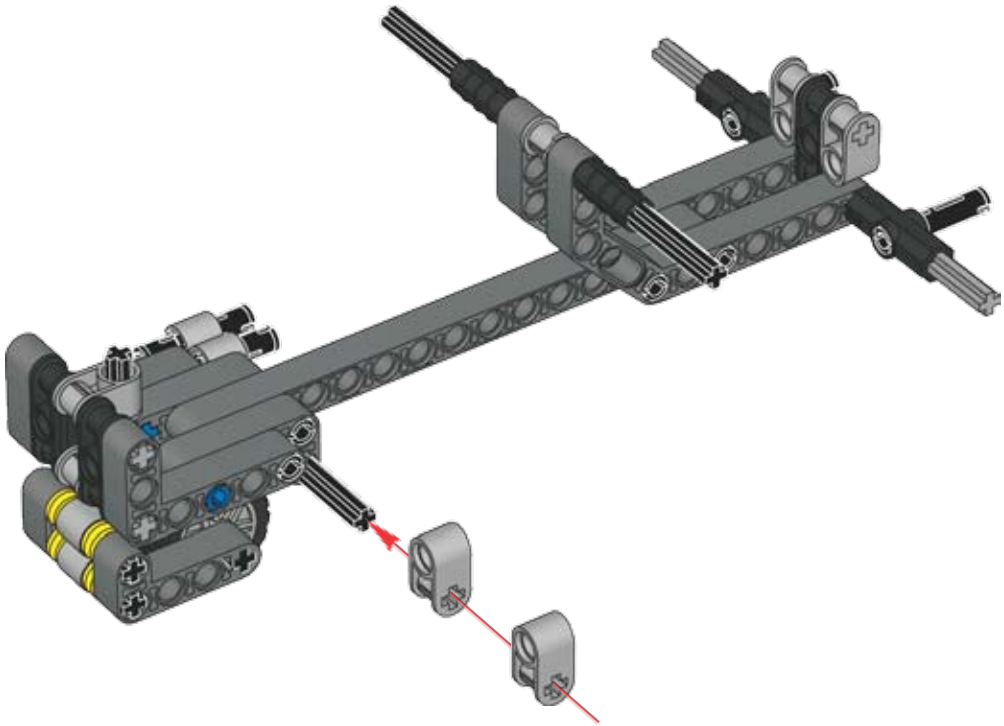
BD

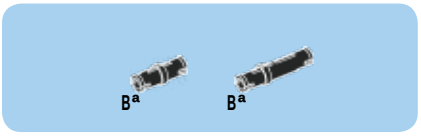




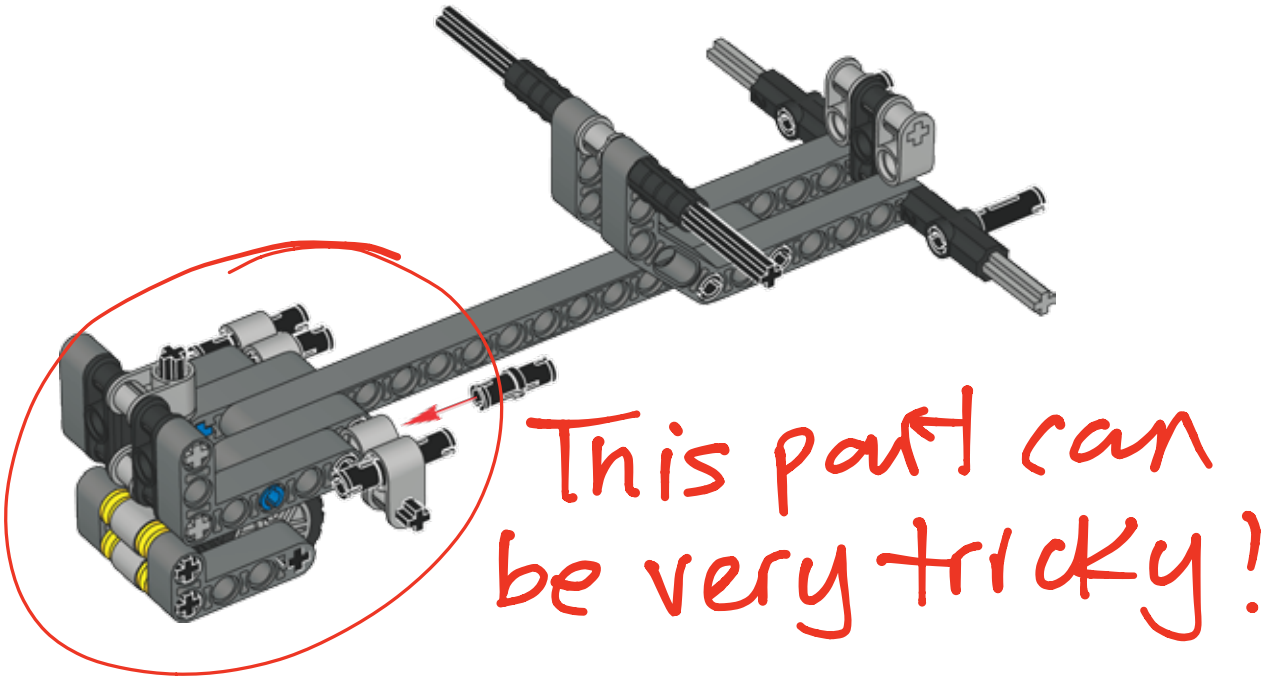
C[a]

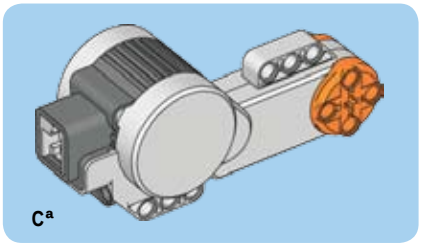
BE





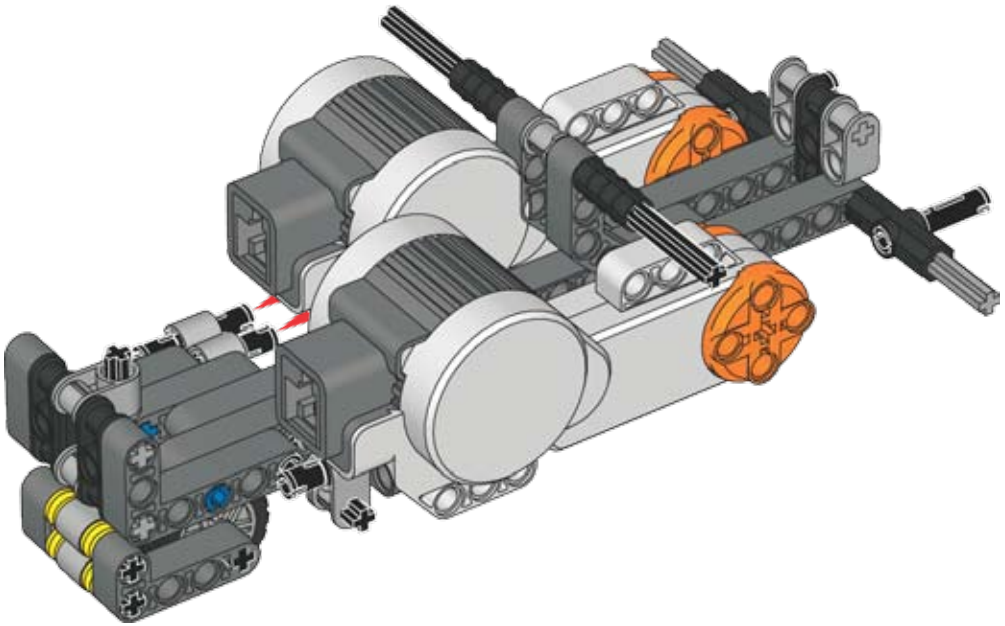
BF

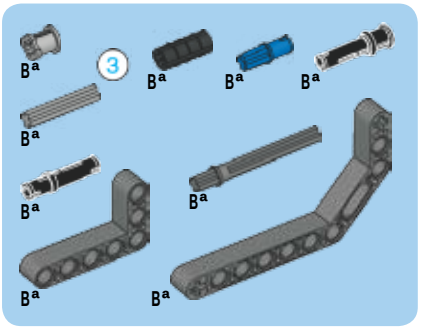




Cª

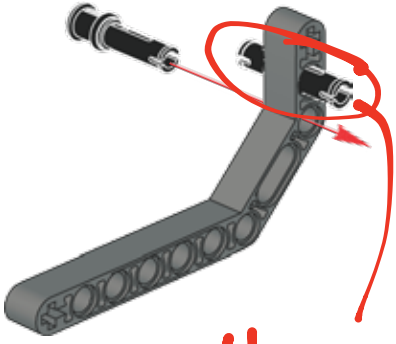
BG



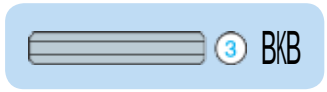


BH

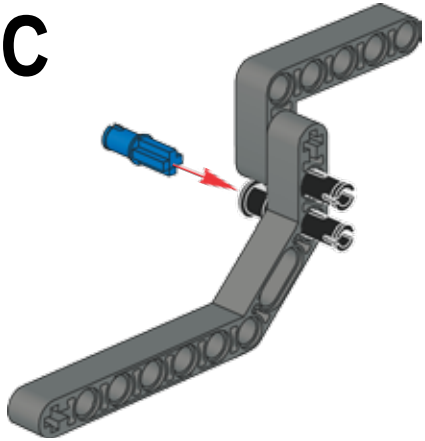
B

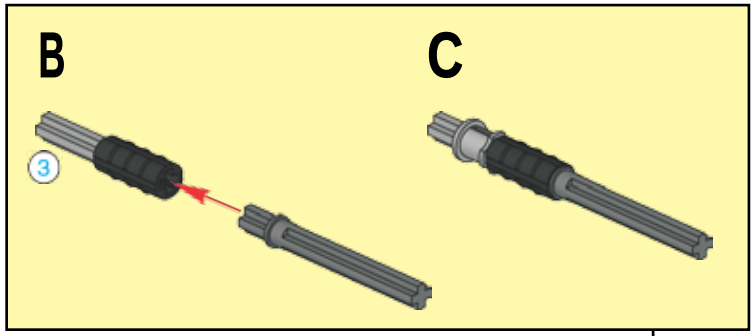


these are blue in your kit!

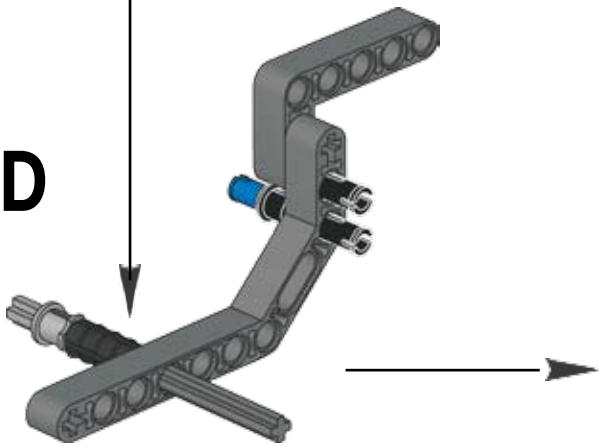


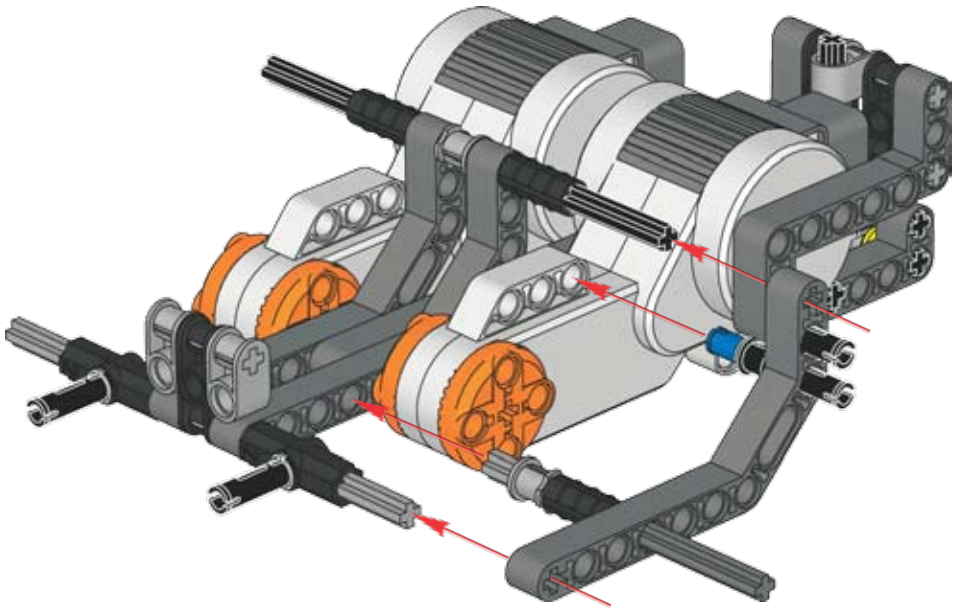
C

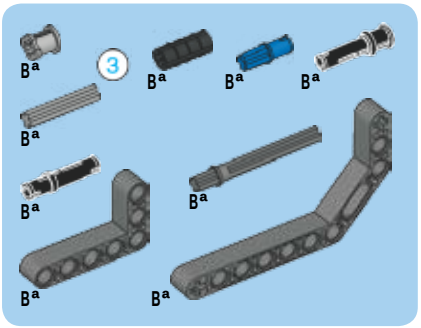




D

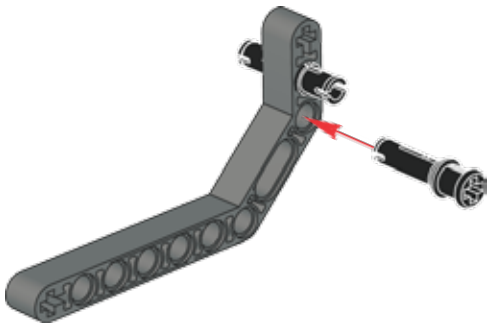




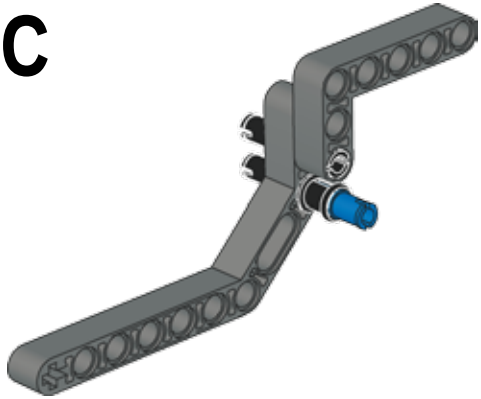


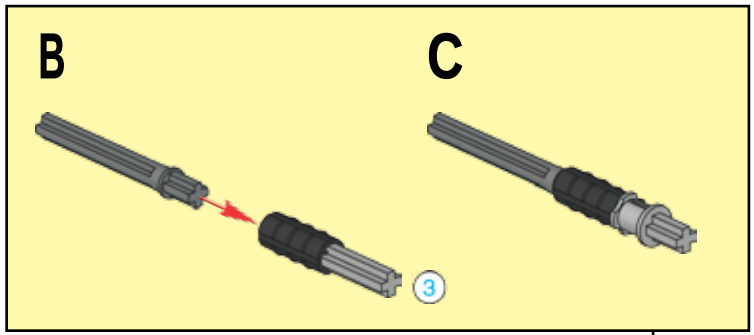
BI

B

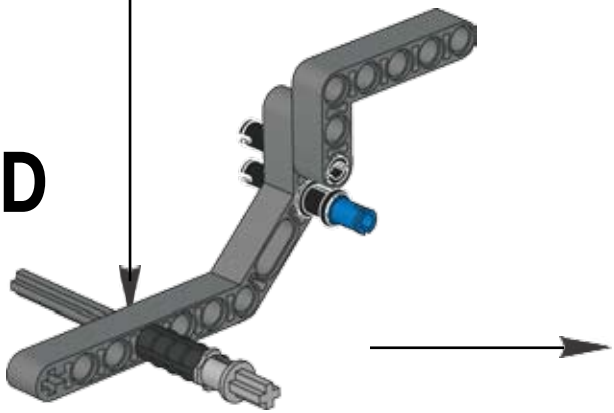


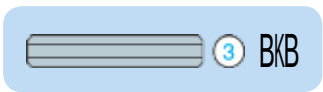
C

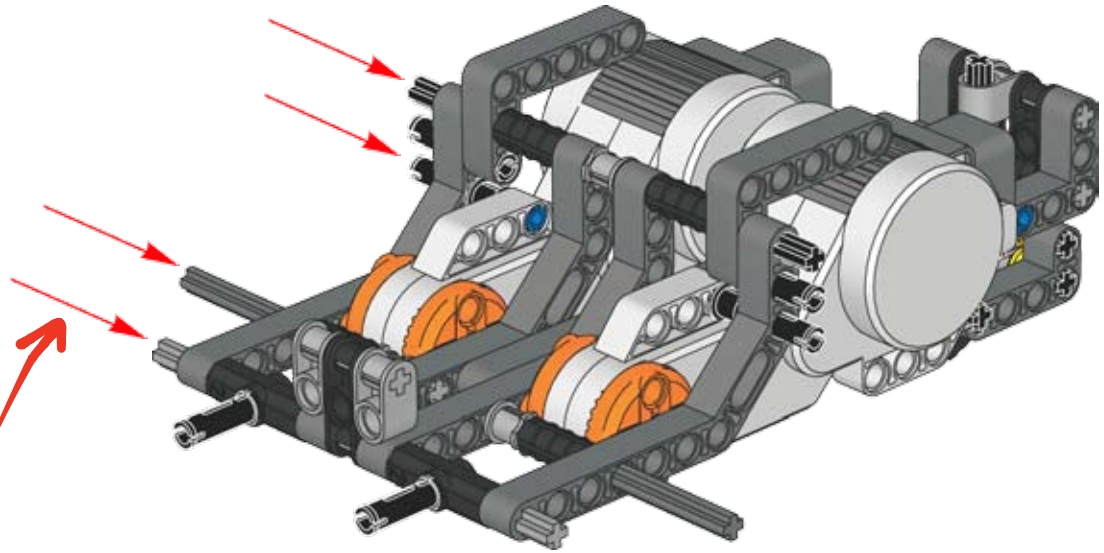




D



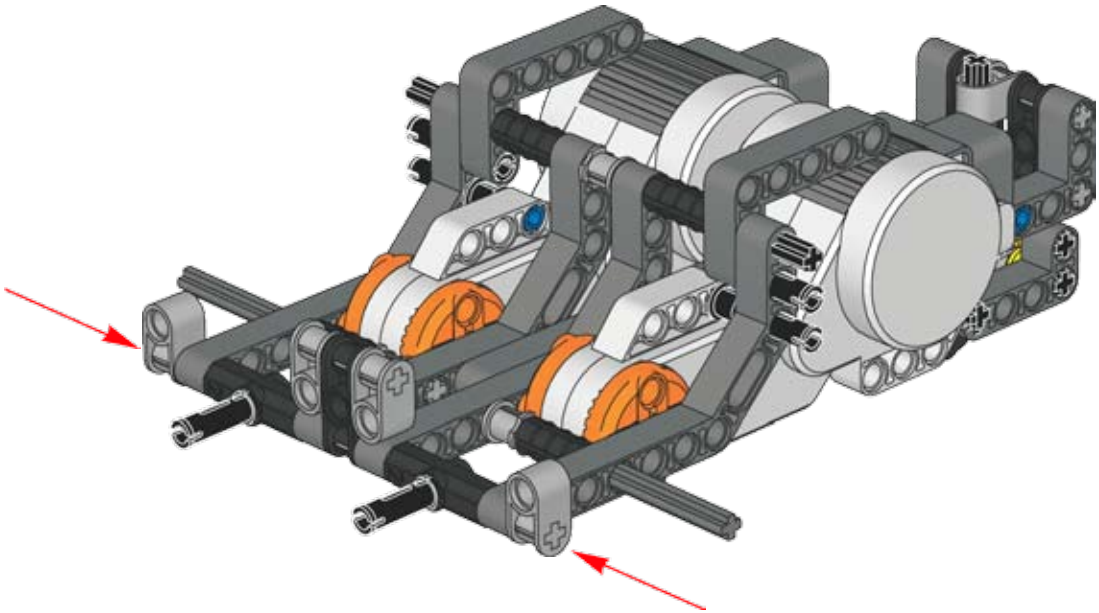


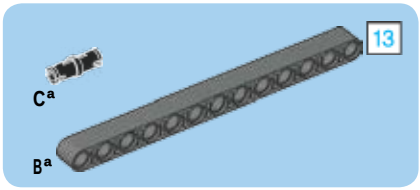


Goes all the way through!

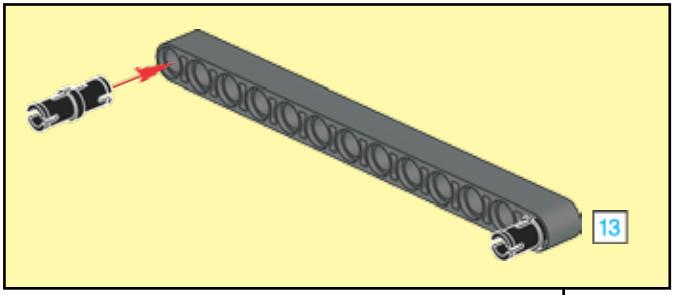
C[a]

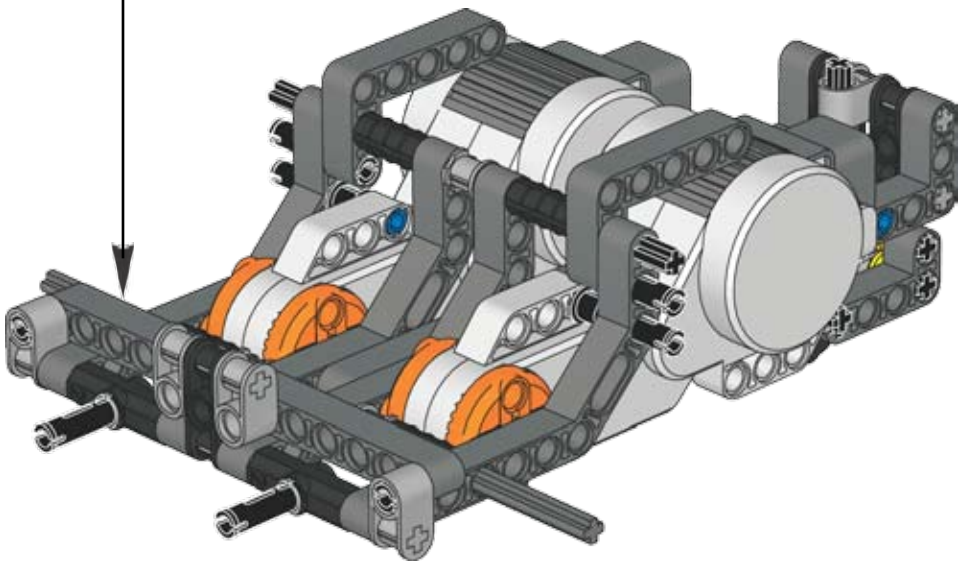
BJ

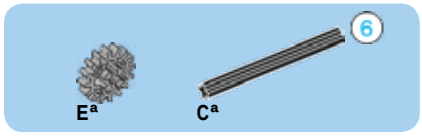




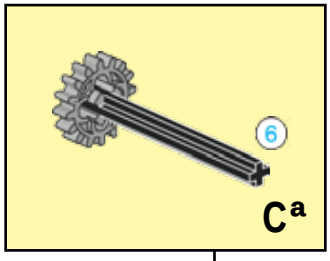
CA

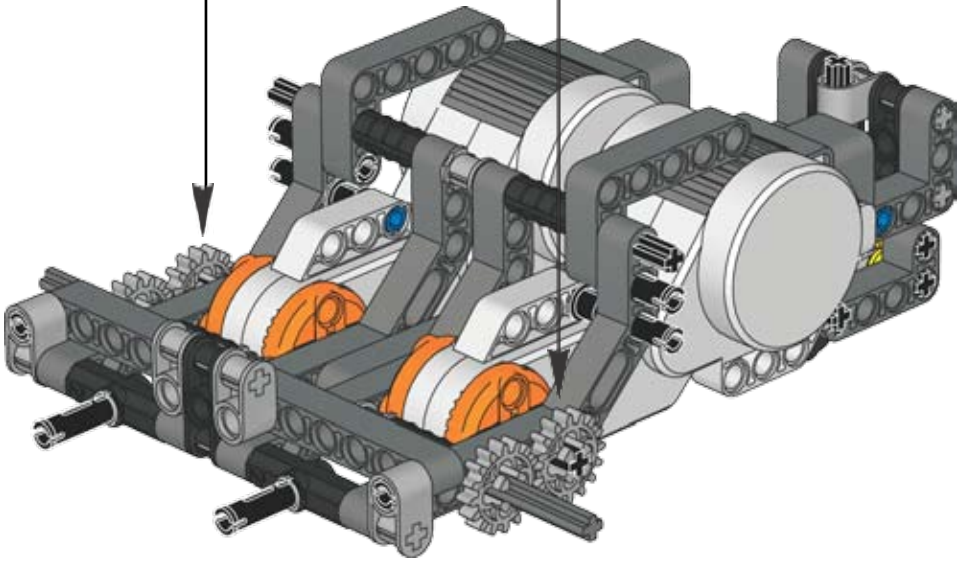






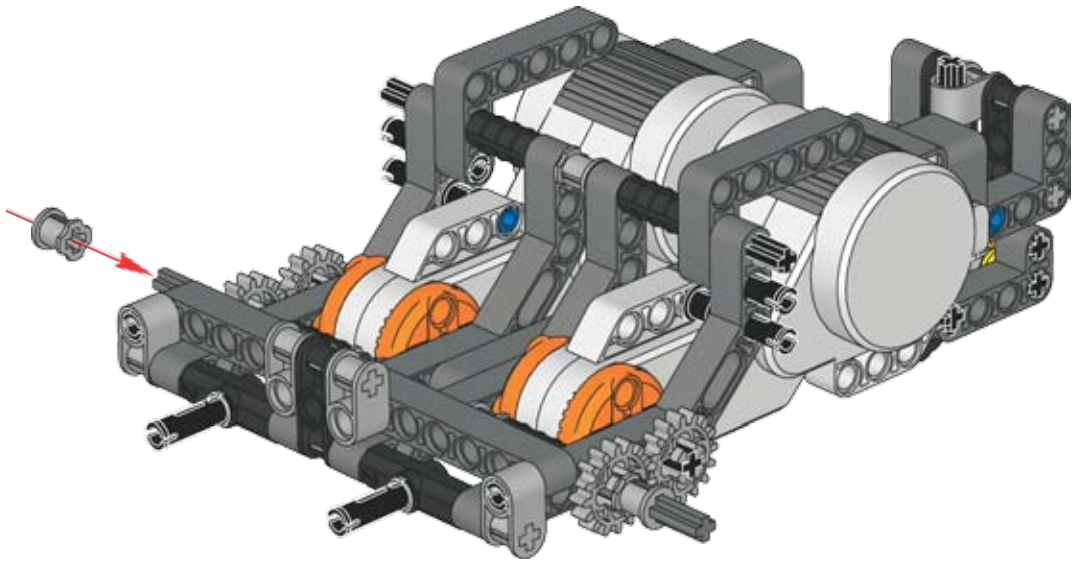
CB

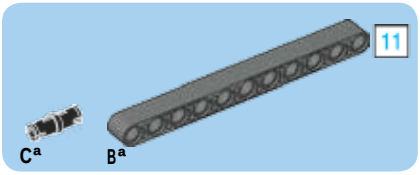




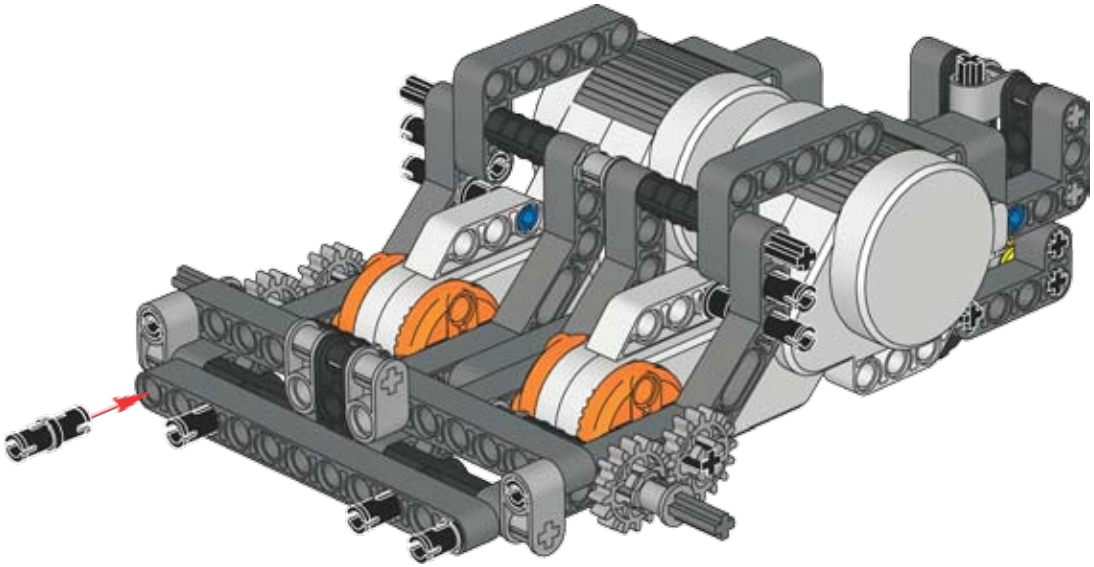
Ca

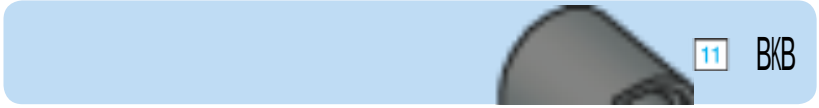
CC

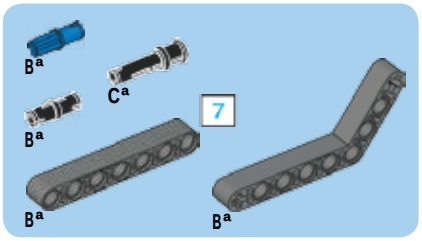




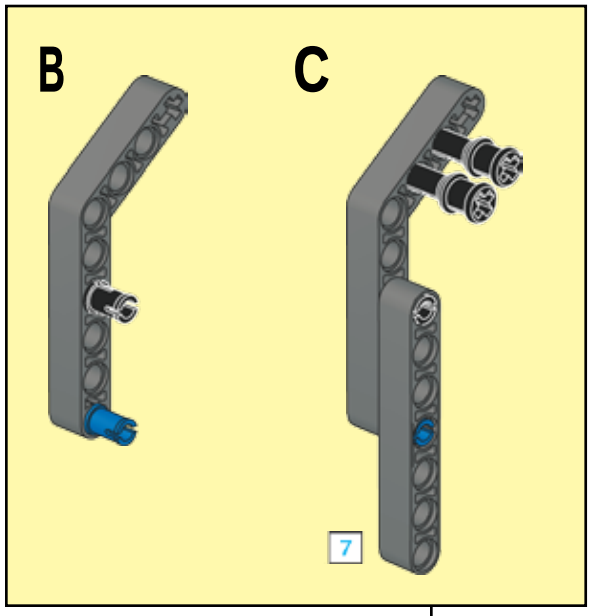
CD

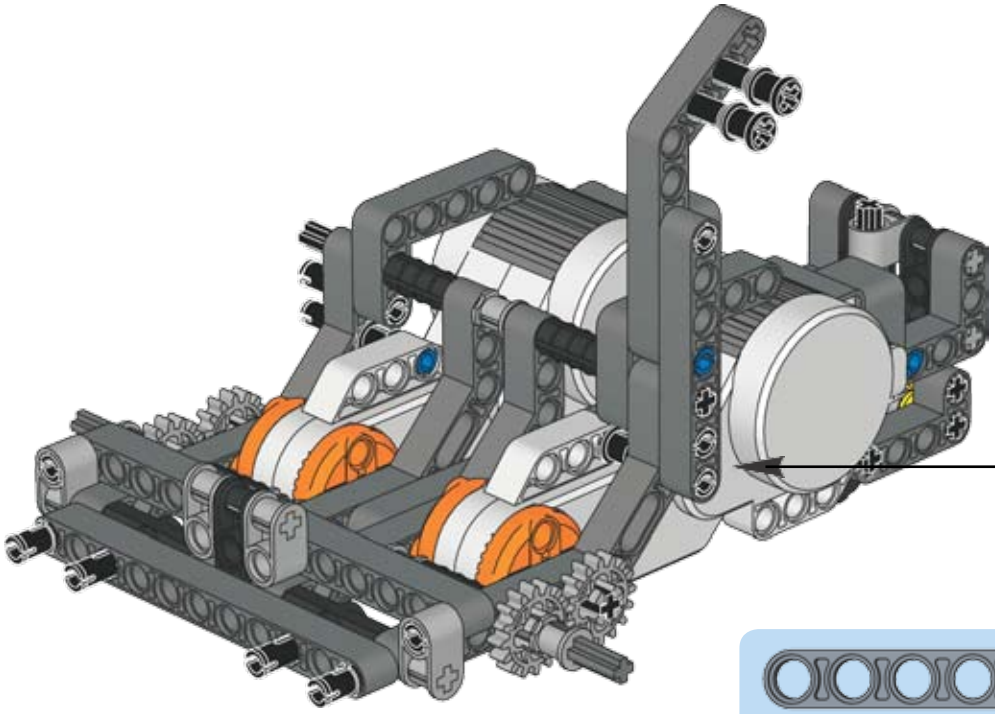


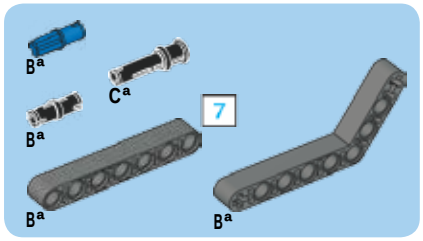




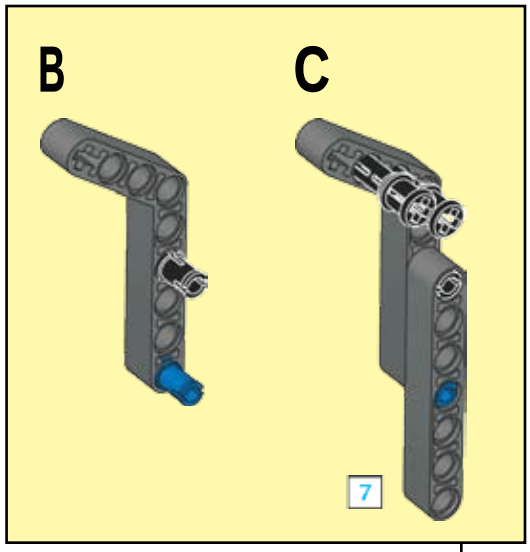
CE

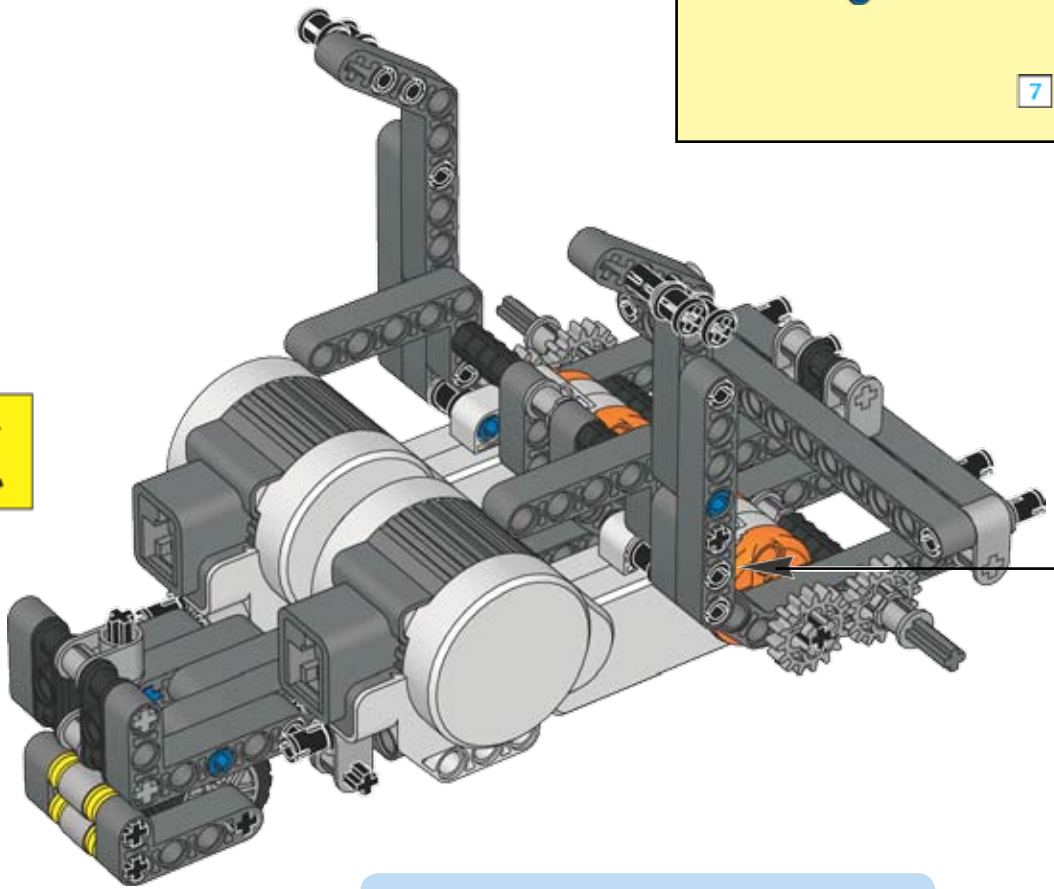


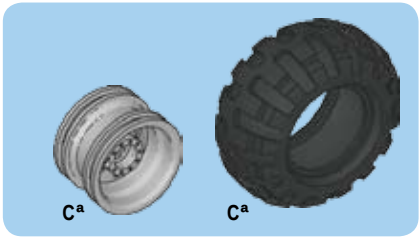




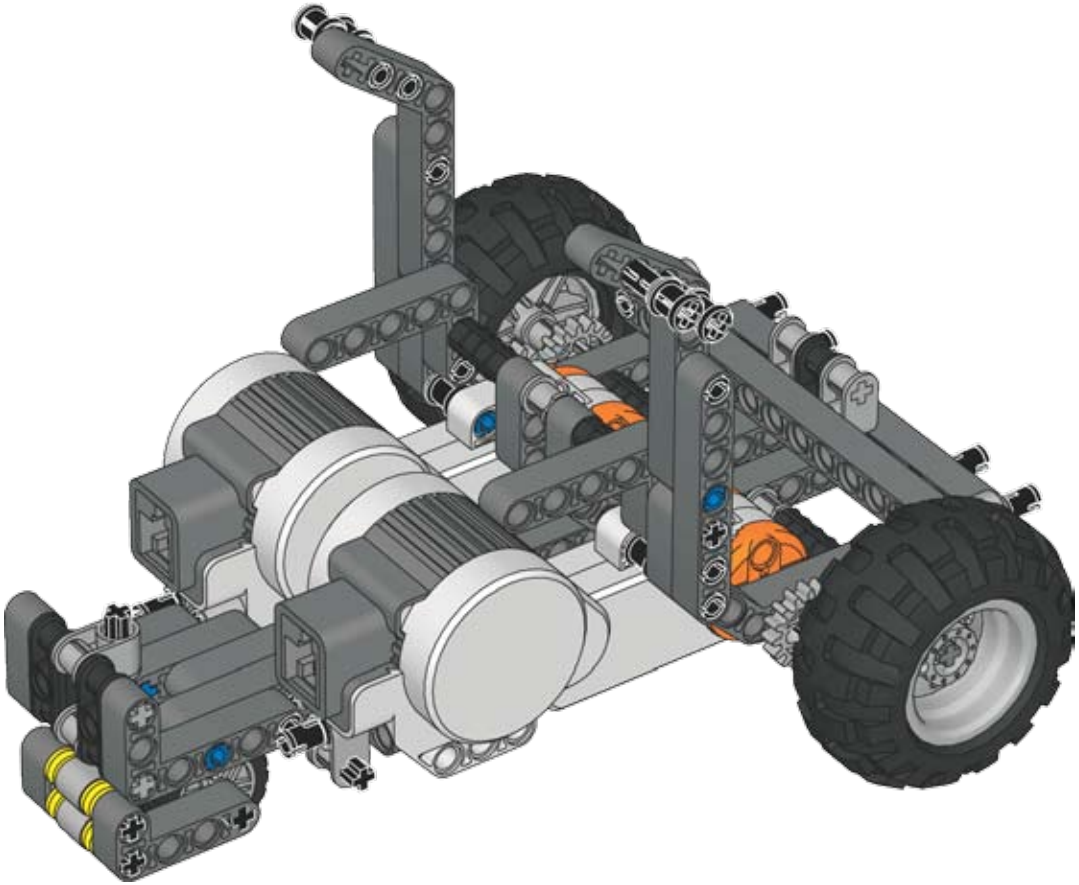
CF

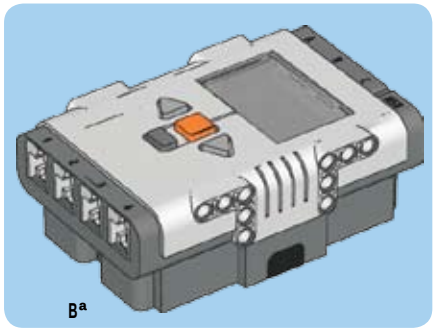






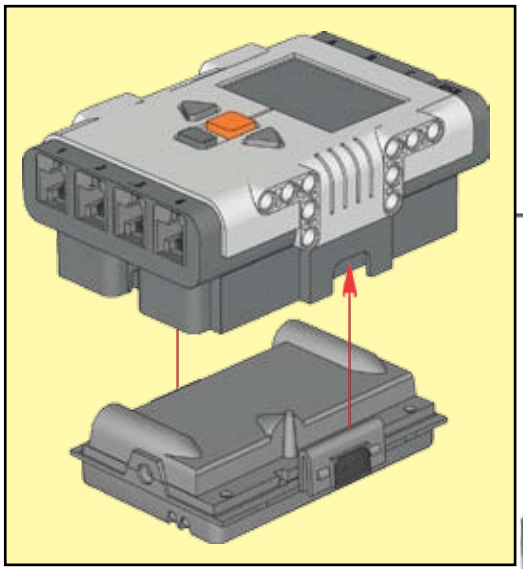
CG

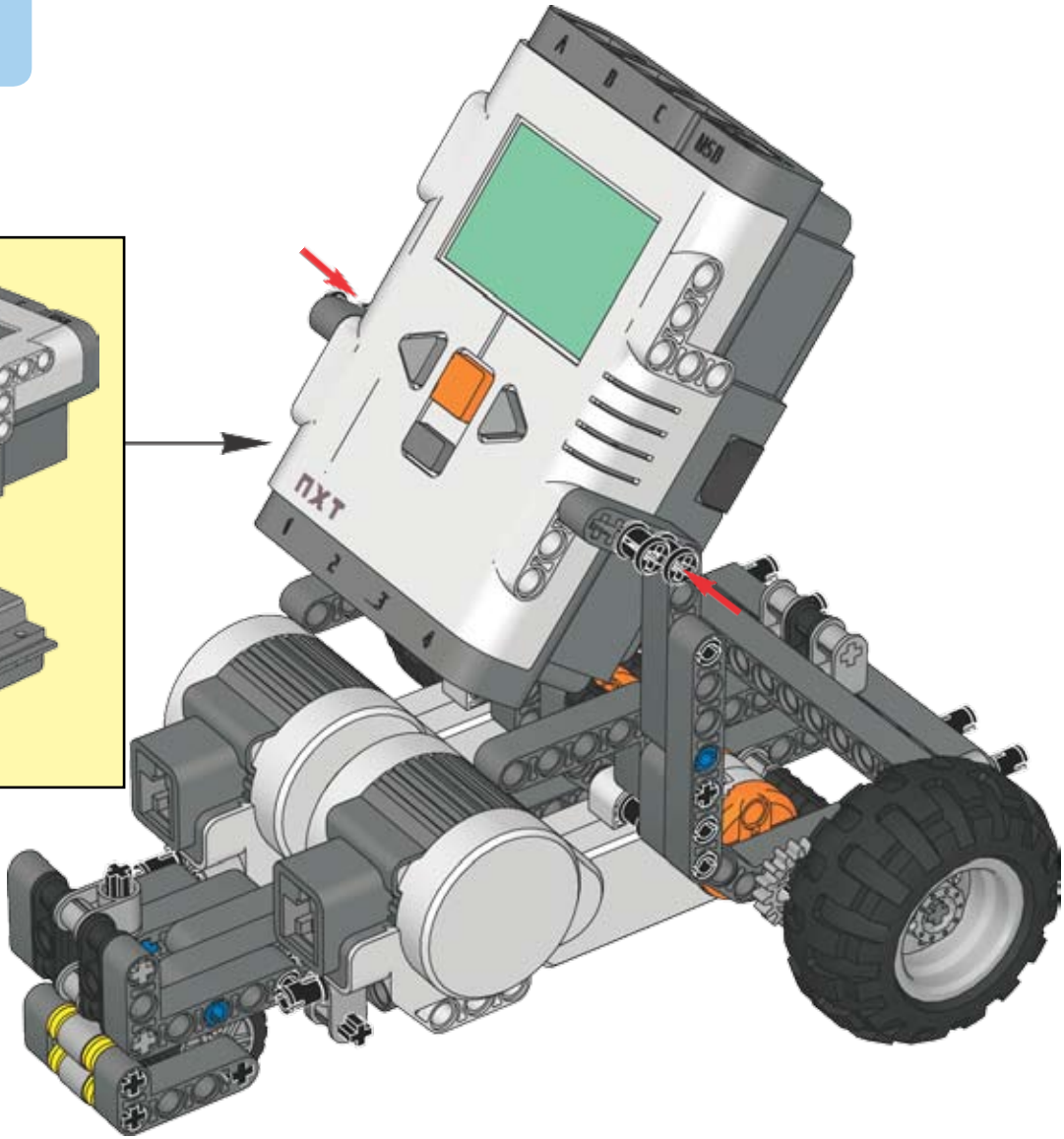


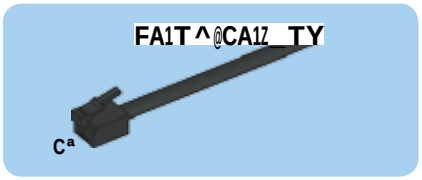


Bª

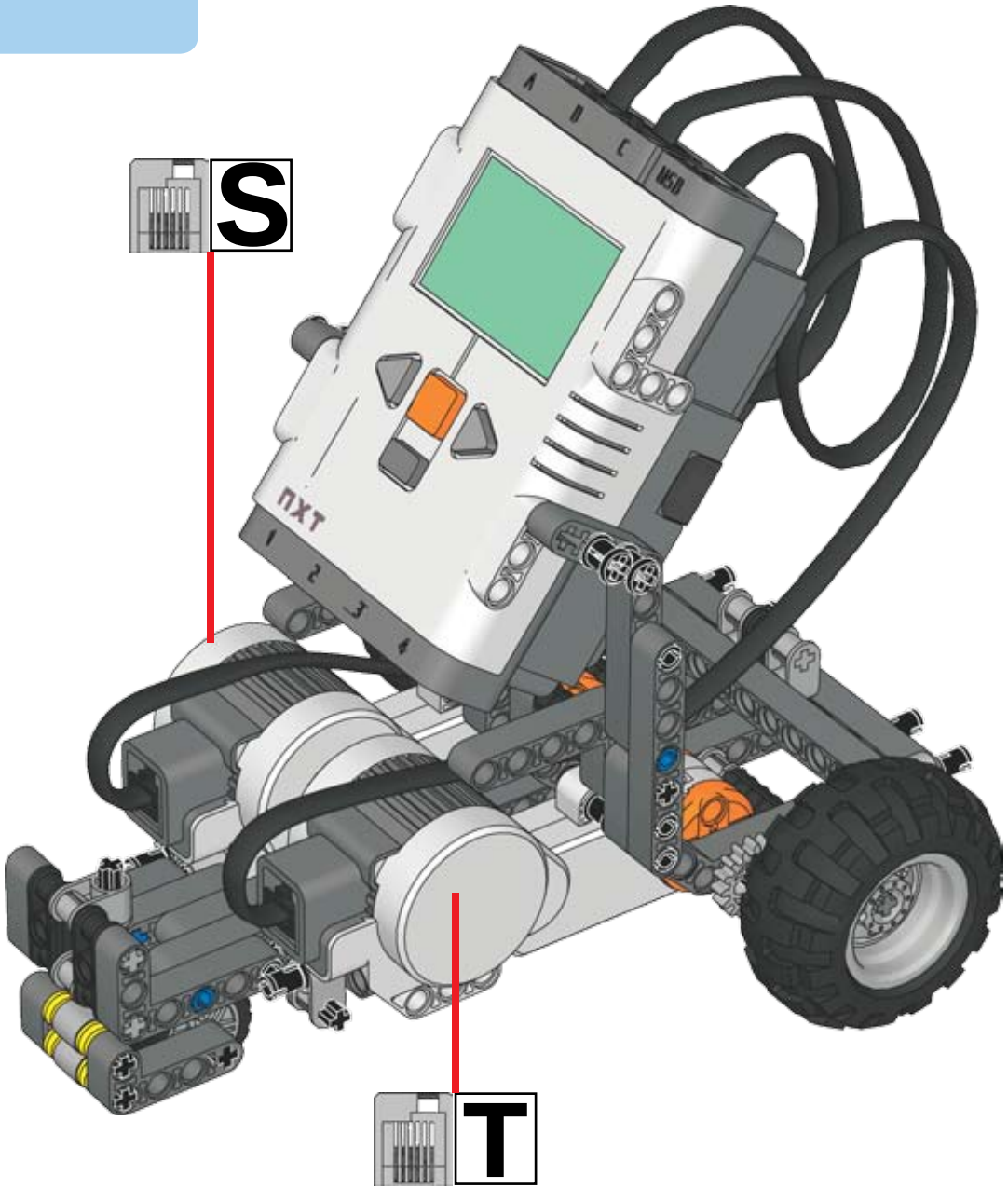
CH







C I



DB

Your **TaskBot** is now complete!