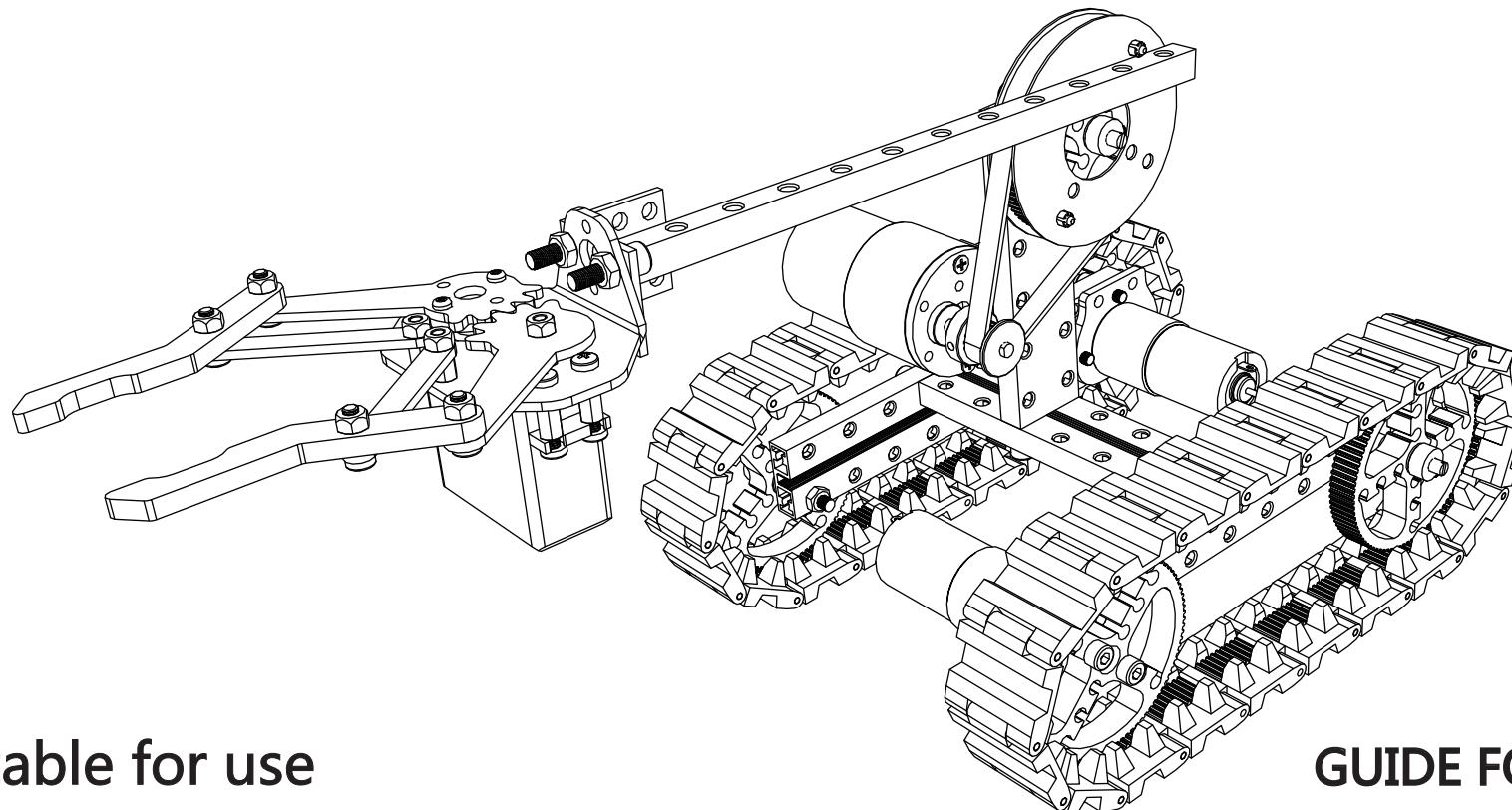


Makeblock

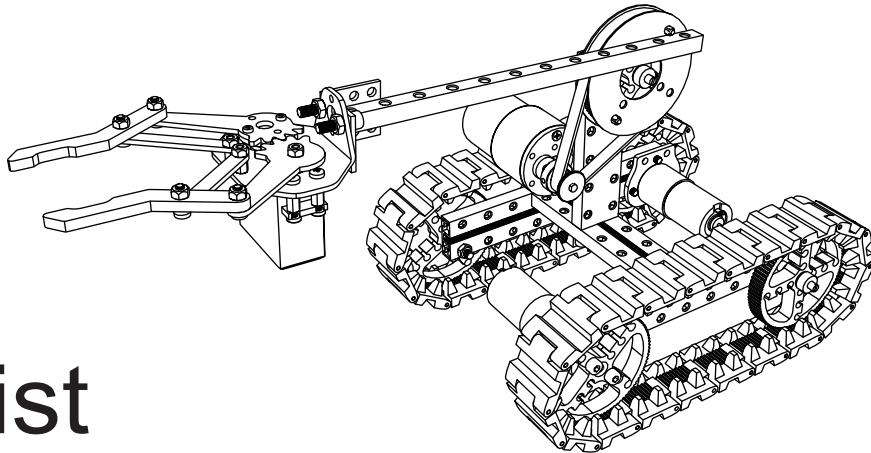
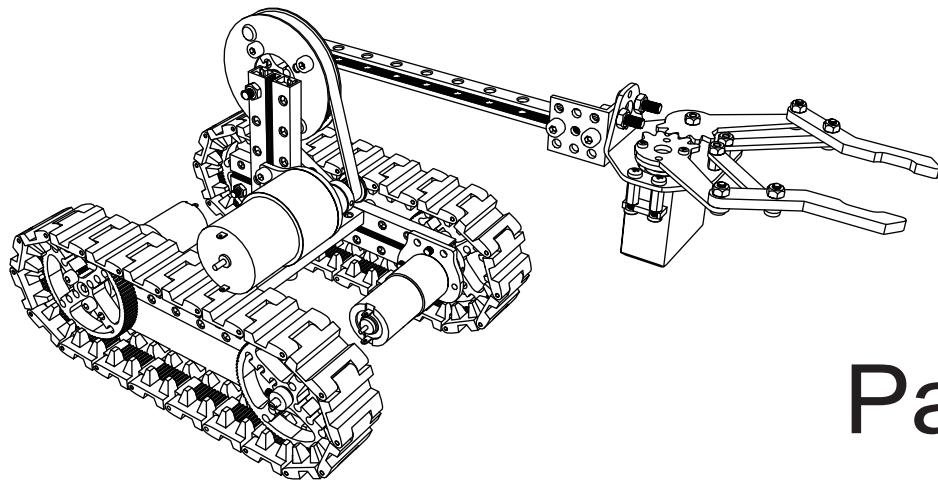
CONSTRUCT YOUR DREAMS



Suitable for use

- Advanced kit
- Ultimate kit
- Lab kit

GUIDE FOR BUILDING THE
1 DOF ROBOT



Part list

2x Beam 0824-144

2x Beam 0824-96

1x Beam 0808-192

1x Bracket 3x3

5x Timing Pulley 90T

1x Timing Pulley 18T

2x Timing Pulley Slice 90T

2x DC Motor-25 Bracket

1x DC Motor 37-Bracket

2x DC Motor-25

1x DC Motor-37

1x Robot Gripper and Servo

40x Track

40x Track Axle

3x Threaded Shaft 4x31mm

2x Shaft Connector-4

3x Shaft Collar 4mm

6x Flange Bearing 4x8x3mm

5x Nut M4

4x Screw M4x8

18x Screw M4X14

6x Headless Screw M3×5

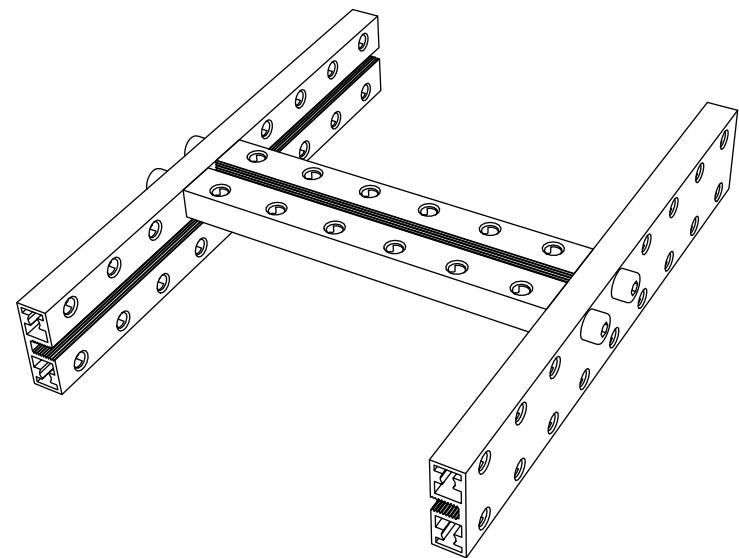
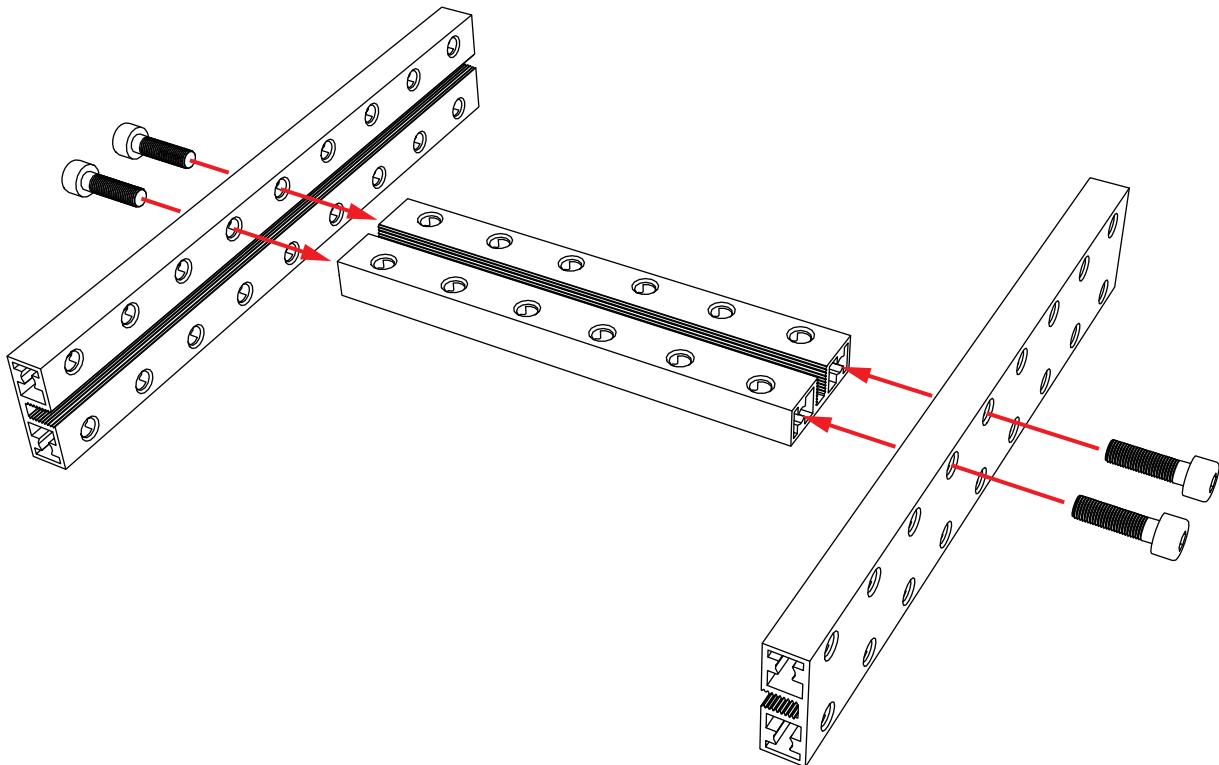
6x Countersunk Screw M3x8

1x Timing Belt 123T

3x Plastic Ring 4x7x2

2x Plastic Rivet R4120

1

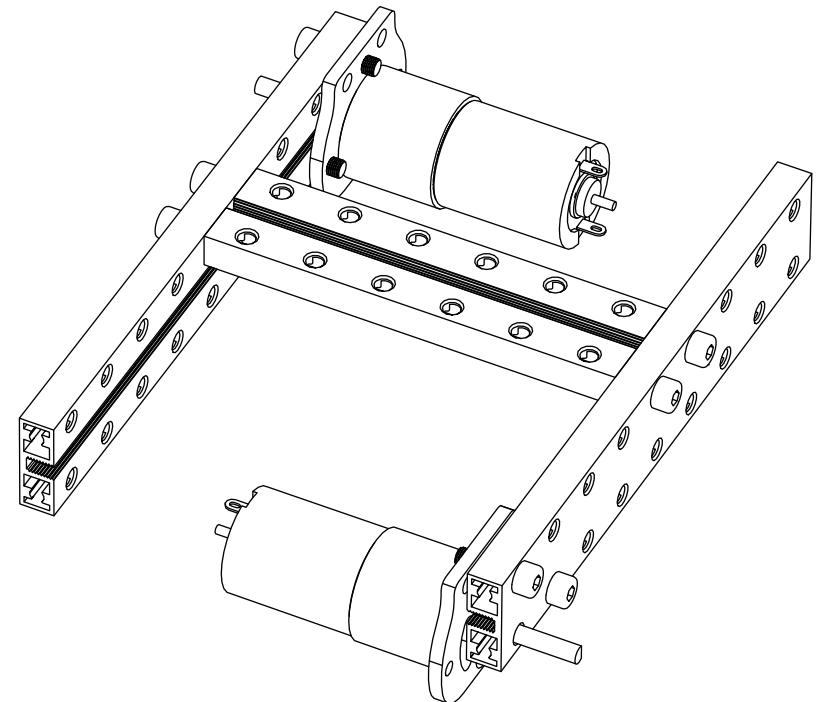
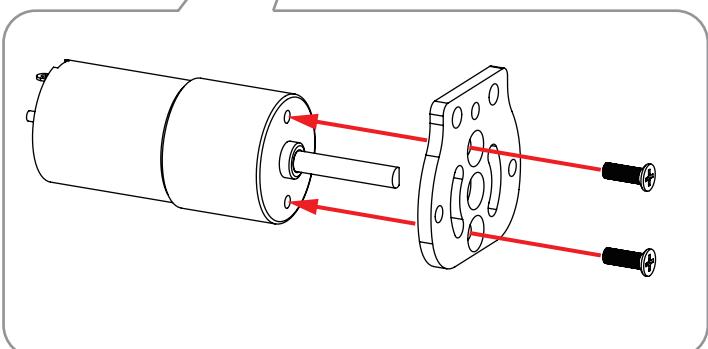
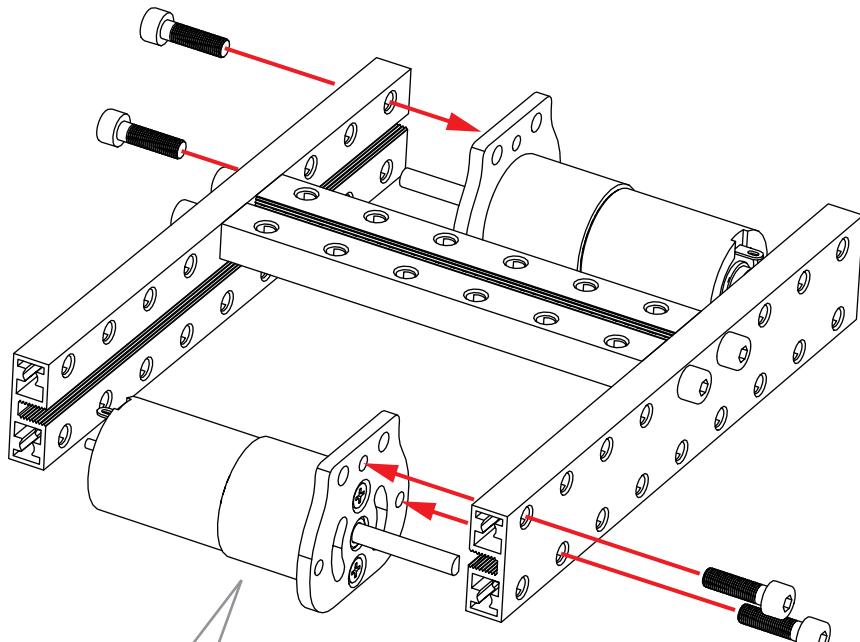


2x Beam 0824-144

1x Beam 0824-96

4x Screw M4X14

2



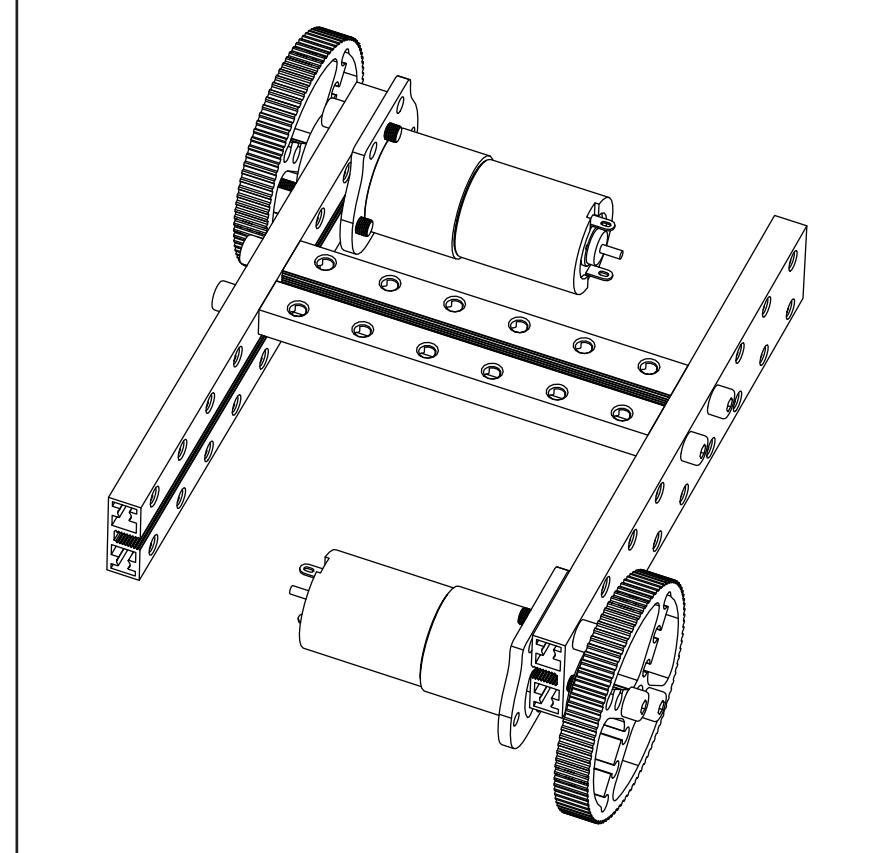
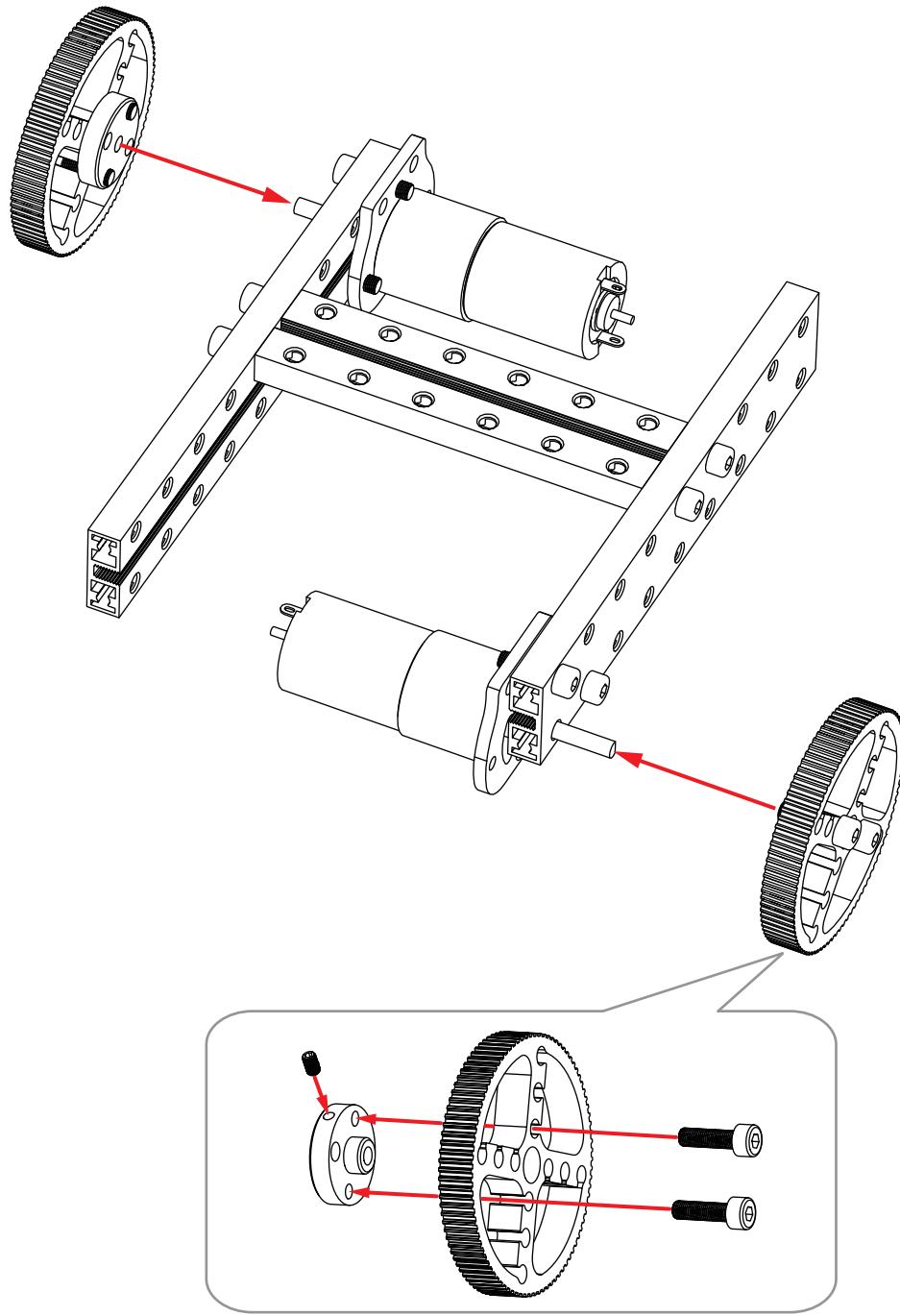
2x DC Motor-25 Bracket

2x DC Motor-25

4x Screw M4X14

4x Countersunk Screw M3x8

3



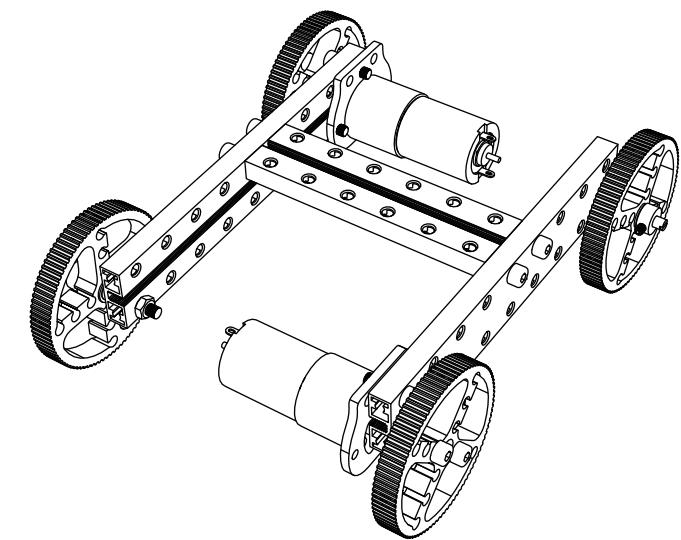
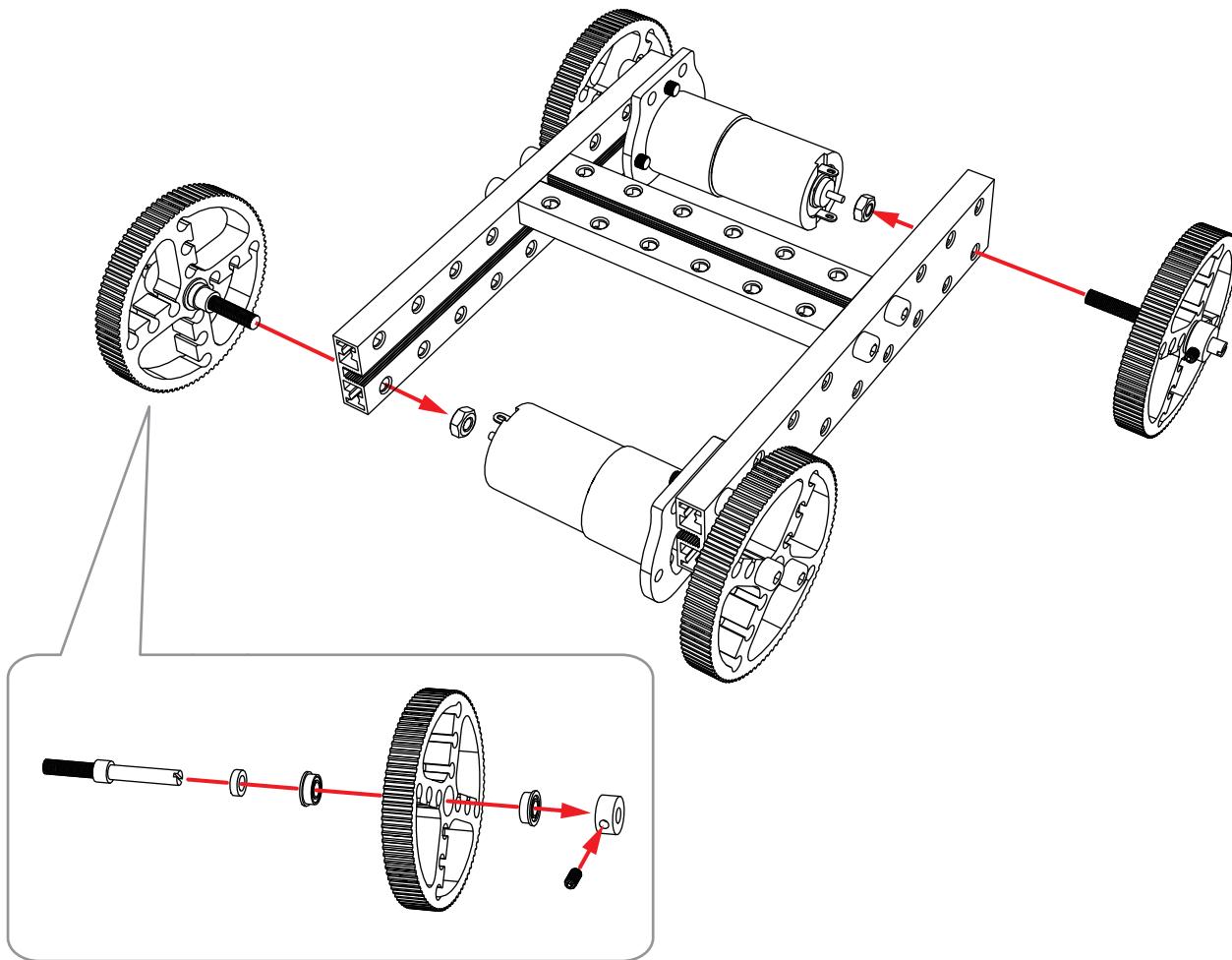
2x Timing Pulley 90T

2x Shaft Connector-4

4x Screw M4X14

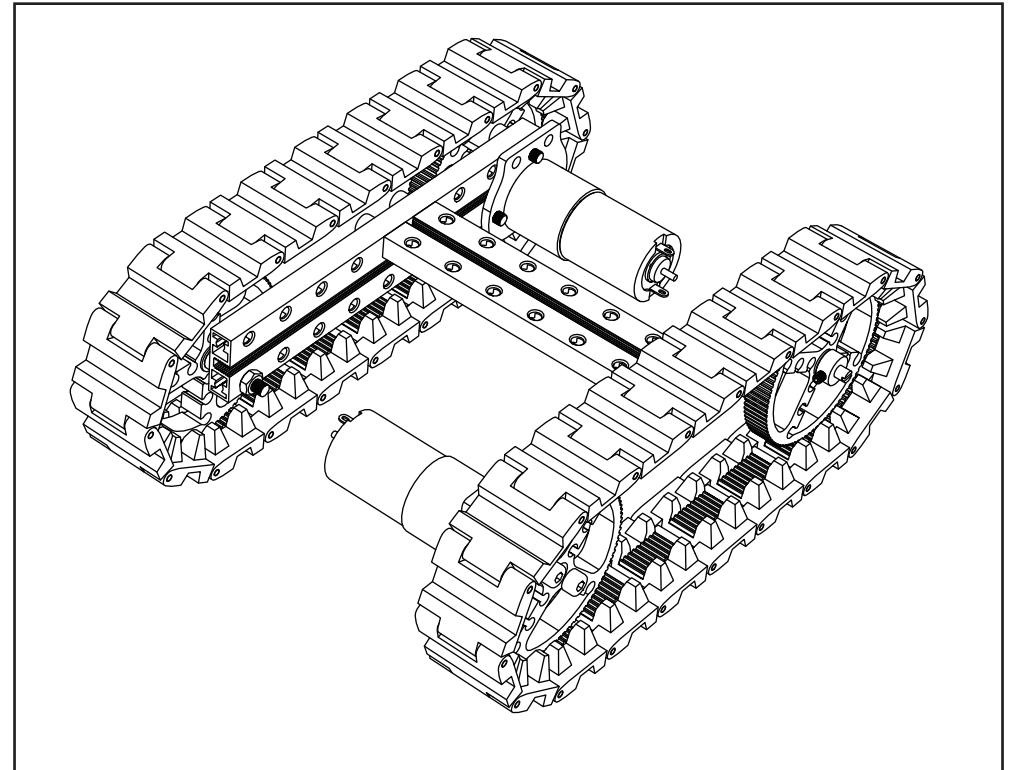
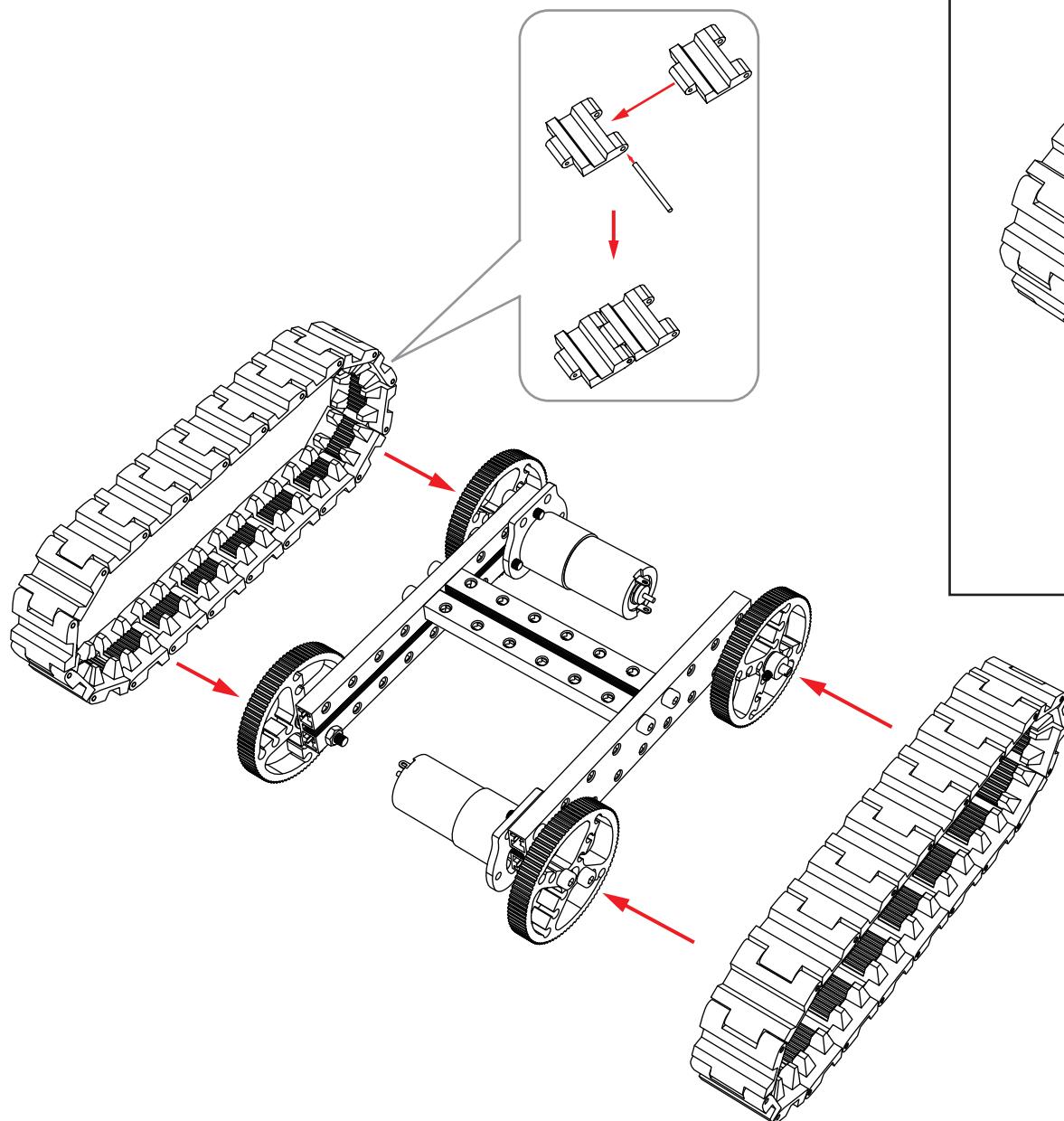
2x Headless Screw M3×5

4



- 2x Timing Pulley 90T
- 2x Threaded Shaft 4x31mm
- 2x Shaft Collar 4mm
- 4x Flange Bearing 4x8x3mm
- 2x Plastic Ring 4x7x2
- 2x Nut M4
- 2x Headless Screw M3x5

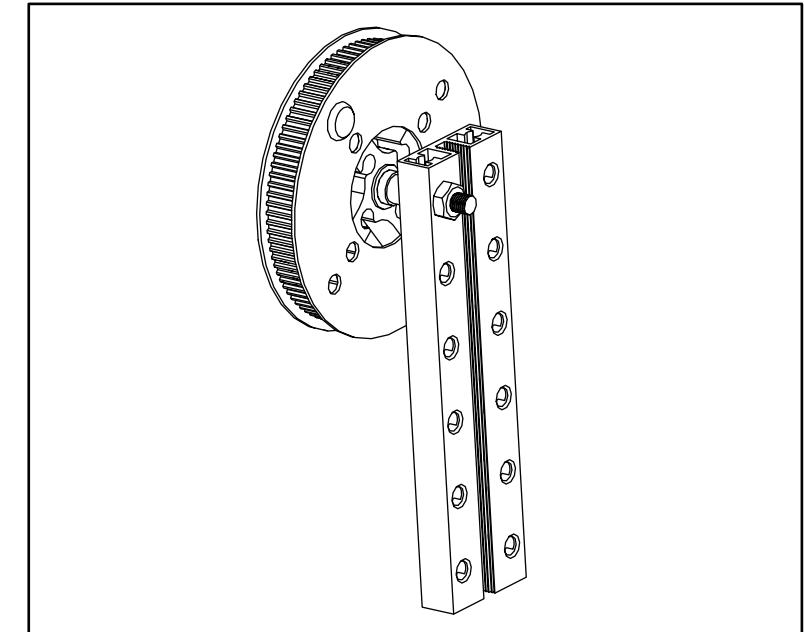
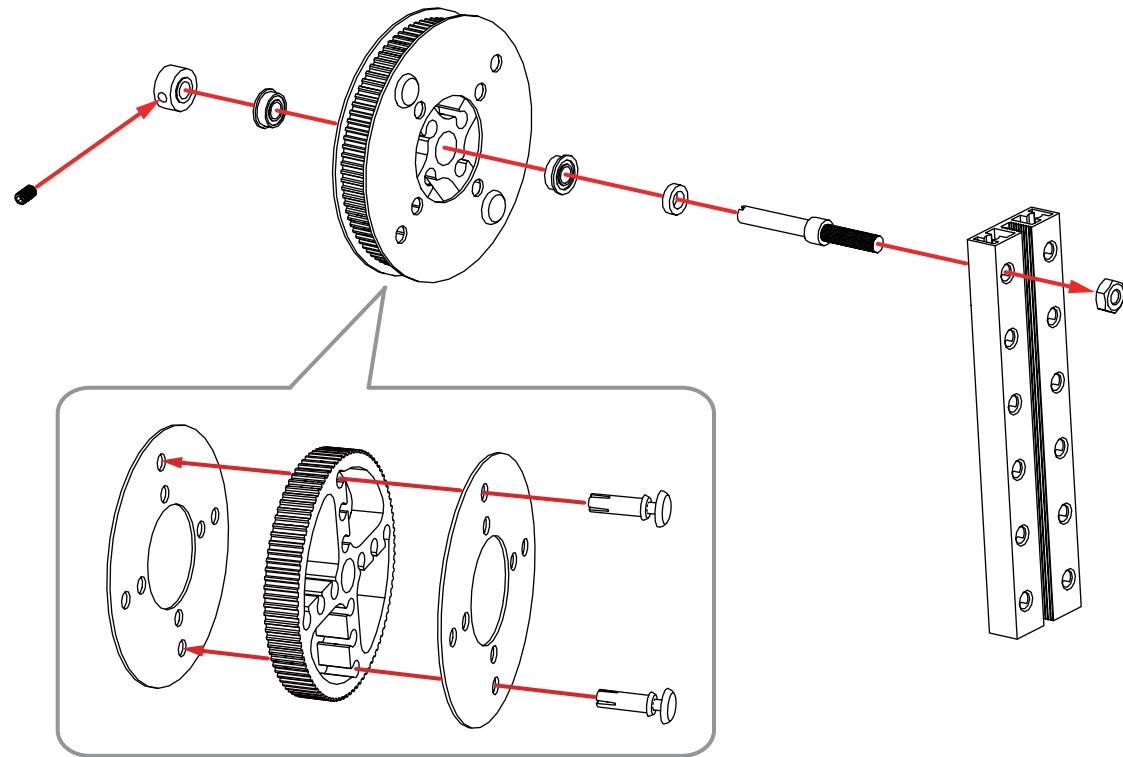
5



40x Track

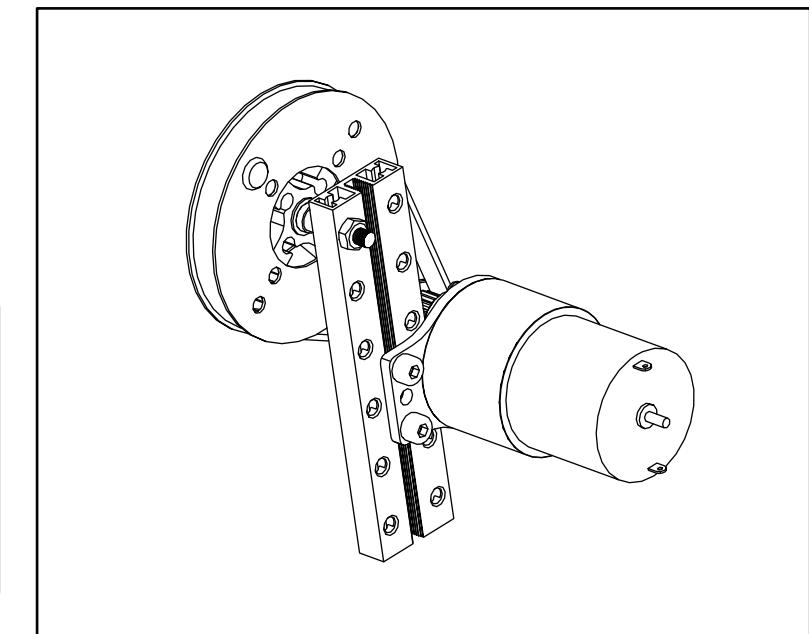
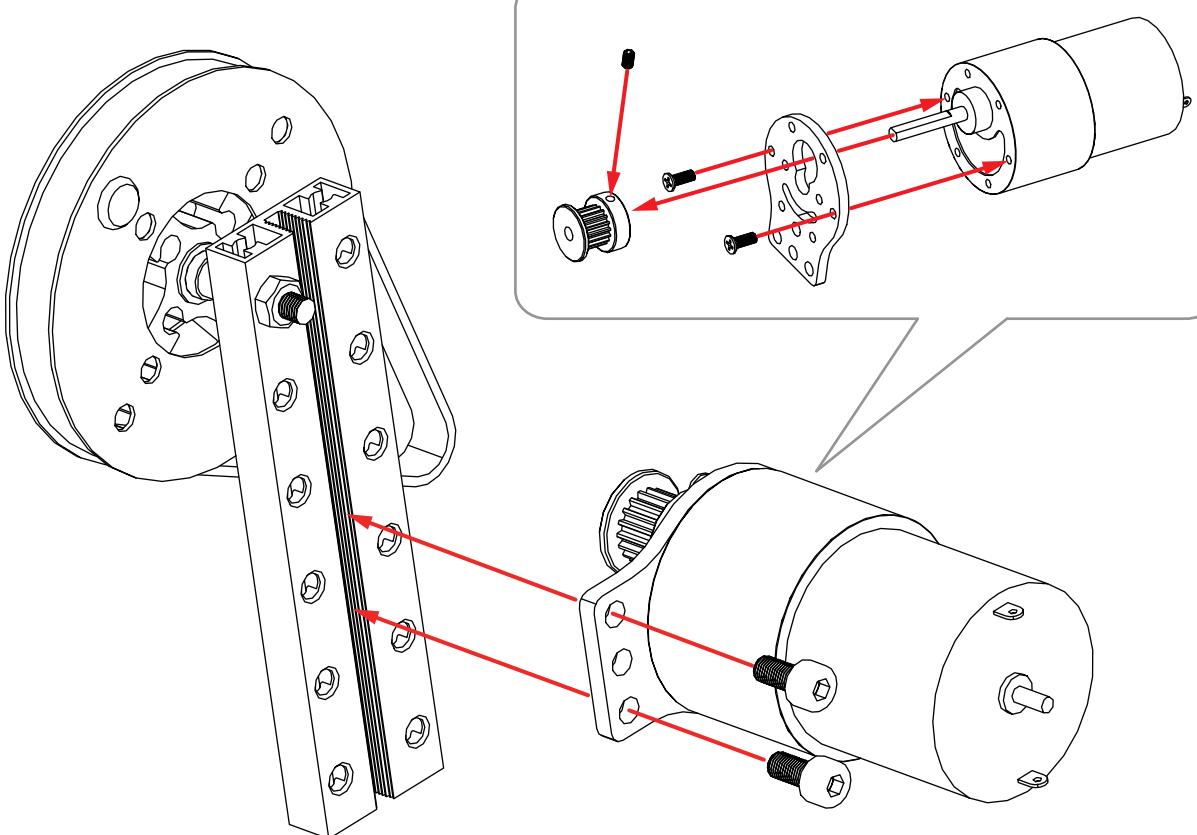
40x Track Axle

6



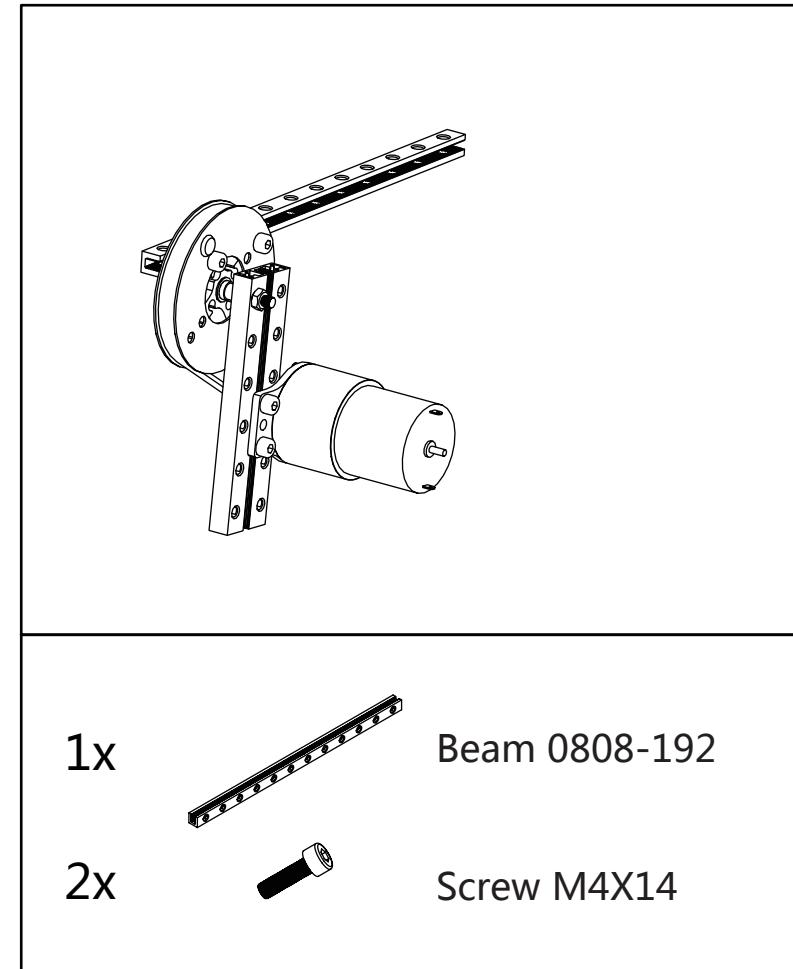
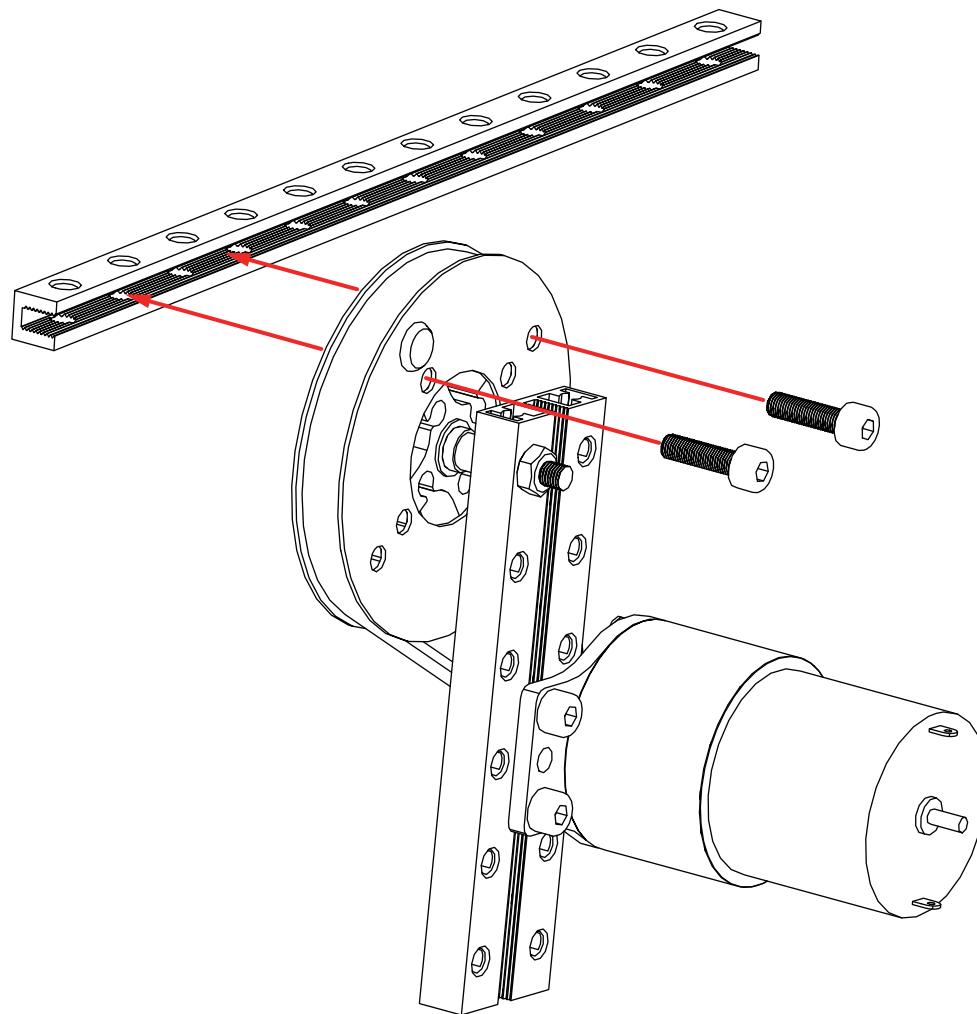
1x		Beam 0824-96
1x		Timing Pulley 90T
1x		Timing Pulley Slice 90T
2x		Plastic Rivet R4120
1x		Plastic Ring 4x7x2
2x		Flange Bearing 4x8x3mm
1x		Threaded Shaft 4x31mm
1x		Headless Screw M3x5
1x		Shaft Collar 4mm
1x		Nut M4

7

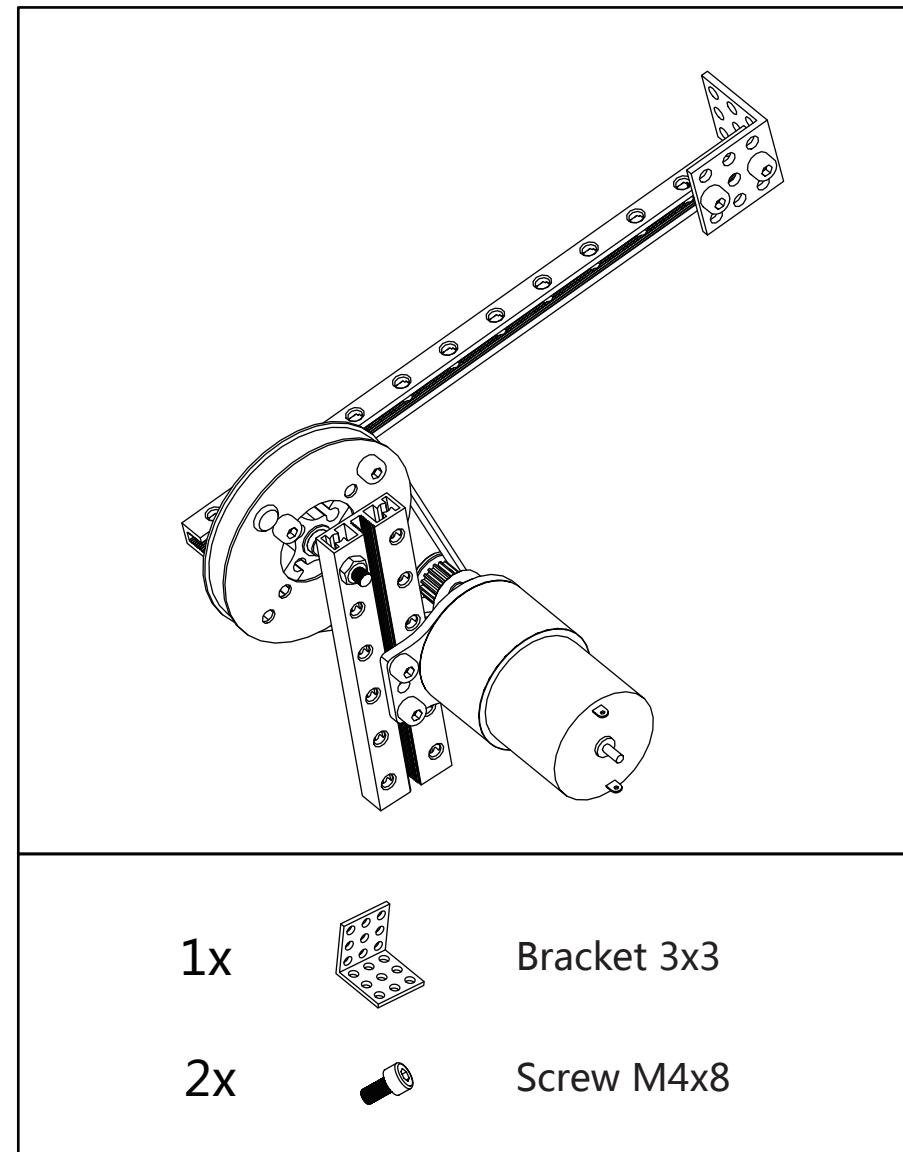
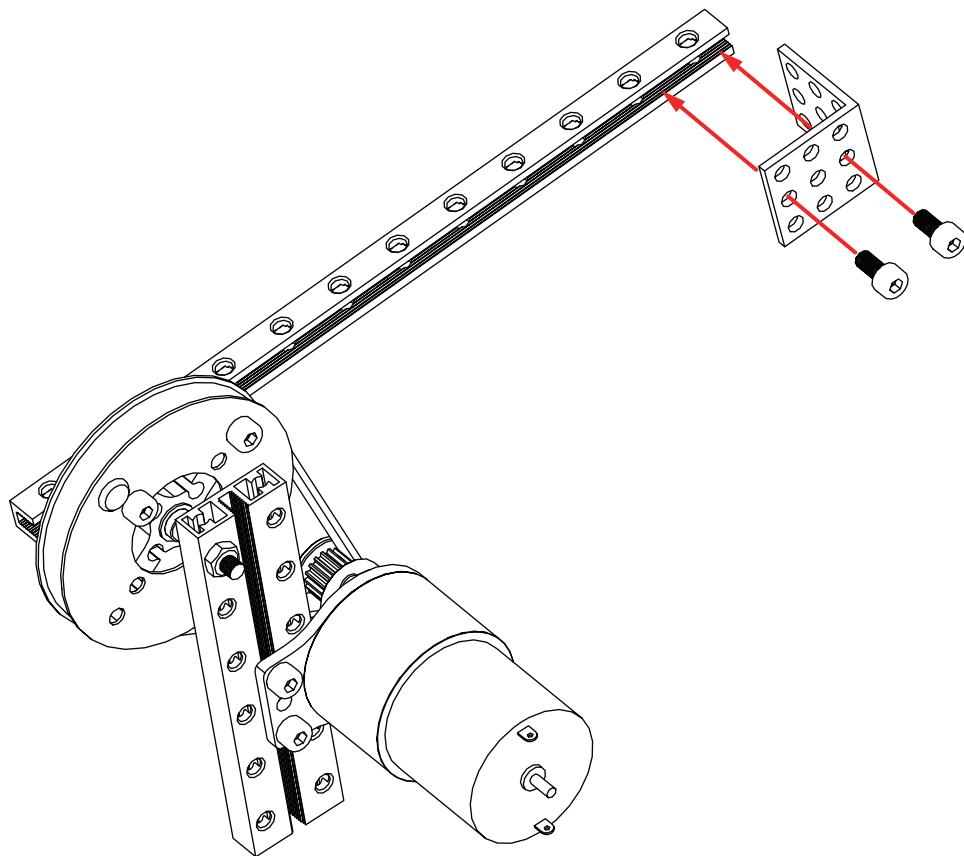


- | | | |
|----|--|------------------------|
| 1x | | Timing Belt 123T |
| 1x | | DC Motor-37 |
| 1x | | DC Motor-37 Bracket |
| 1x | | Timing Pulley 18T |
| 2x | | Countersunk Screw M3x8 |
| 1x | | Headless Screw M3×5 |
| 2x | | Screw M4x8 |

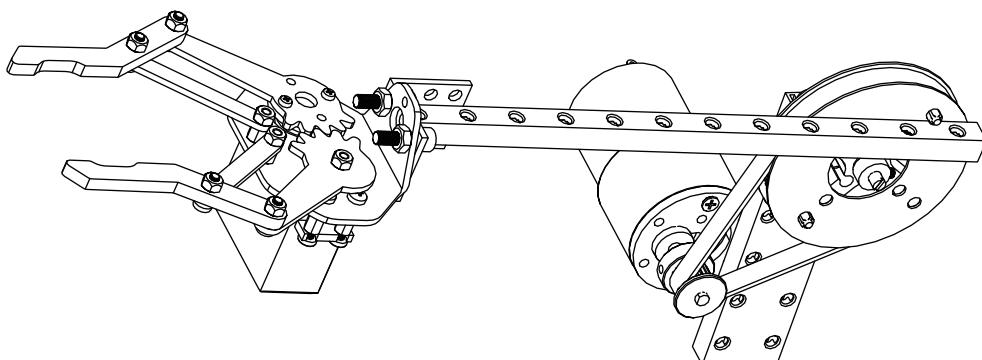
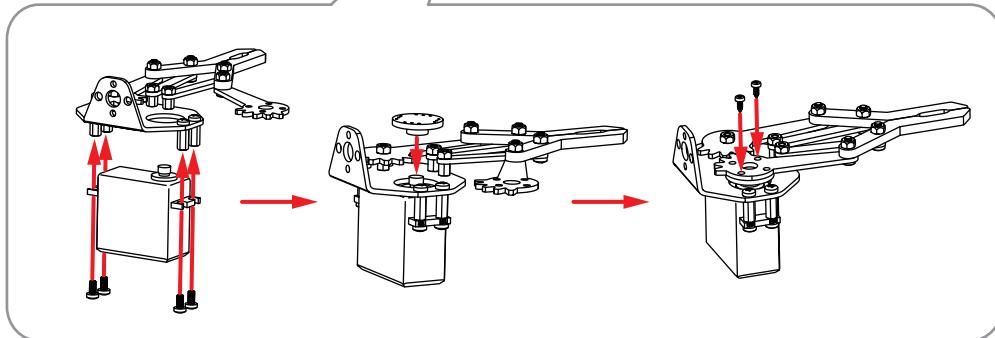
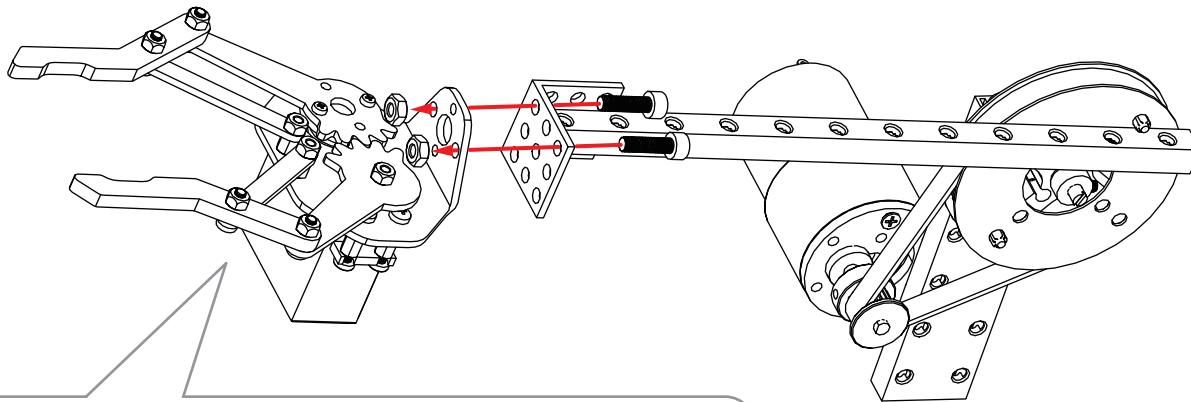
8



9



10

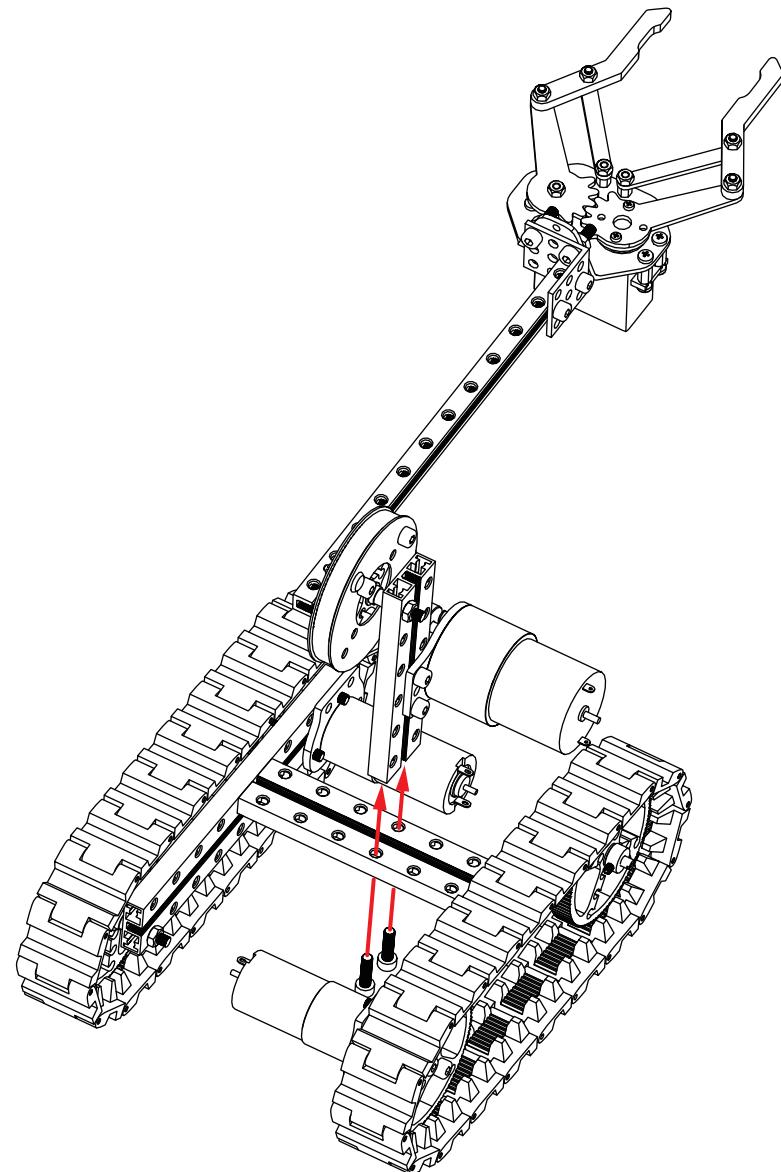


1x Robot Gripper and Servo

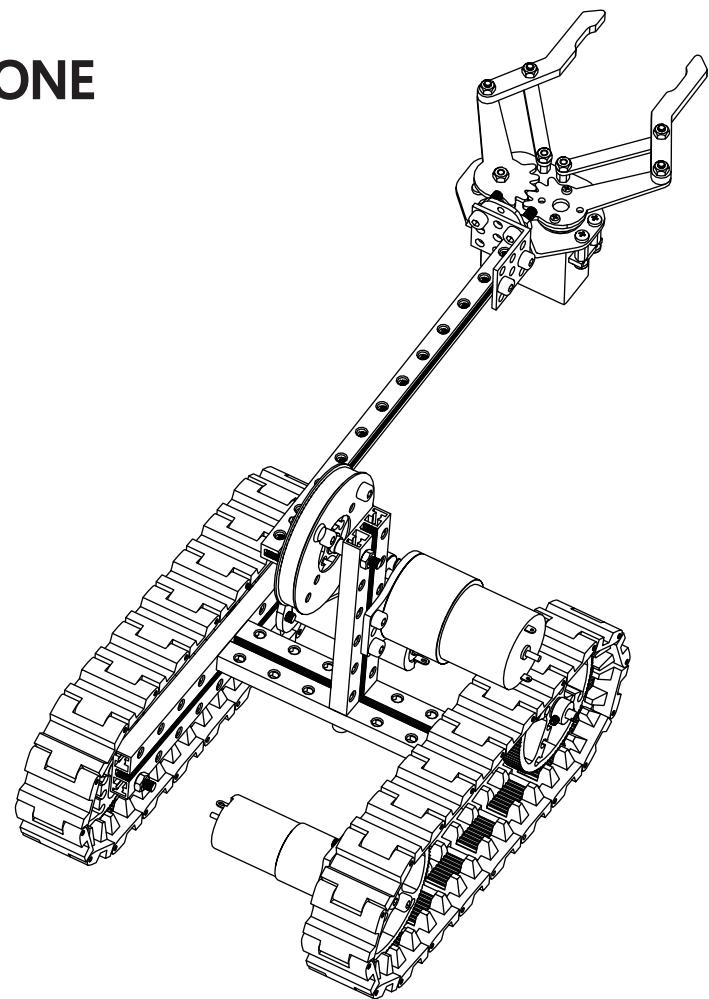
2x Screw M4X14

2x Nut M4

11



DONE



2x



Screw M4X14