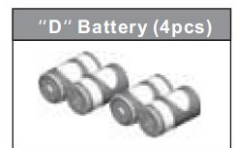


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Robotic ARM with USB PC Interface C-9895.2

Tools you may need :

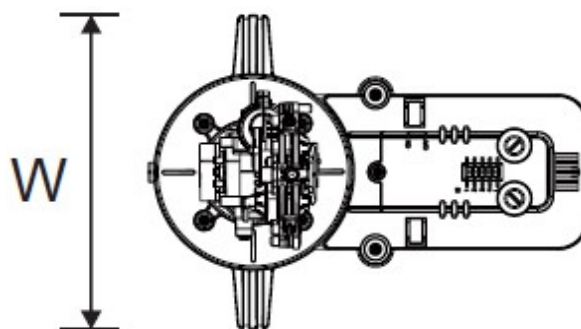
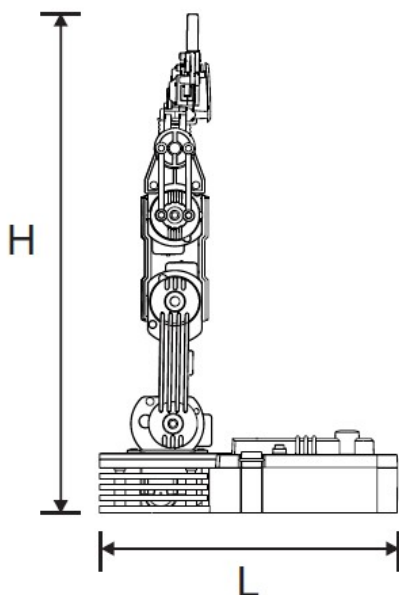


This Robotic ARM connects to the Windows personal computer USB, suitable for Windows XP, Vista/7 operation system. The software includes "Basic", and "program" functions.

Basic : By using keyboard or mouse to have real time control of the Robotic Arm and enjoy the fun.

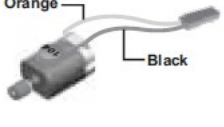
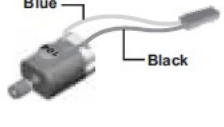
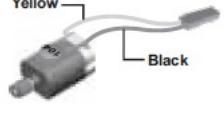





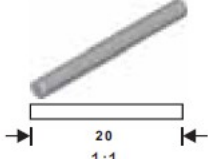
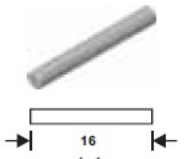
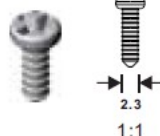
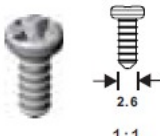
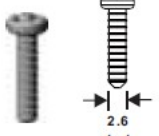
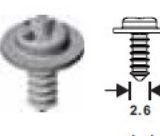
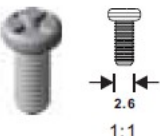



Program : Easy to learn how to edit individual Robotic ARM movements, save and load just like the normal computer files. You will be exciting to see how the Robotic ARM execute all your commands.


It creates a fun way of learning and experimenting your Robotic ARM with computer.





Power source required :
4 x "D" batteries (not included)


Mechanical Parts List :


P1	Motor(M4.M5)		Qty 2
P2	Motor(M2.M3)		Qty 2
P3	Motor(M1)		Qty 1
P4	Gear 32/10T(Gray)		Qty 10
P5	Gear 32/10T(Brown)		Qty 5
P6	Gear 32T(Blue)		Qty 5
P7	Output Gear 10T(Black)		Qty 4
P8	Output Gear 10T(White)		Qty 1
P9	Round Shaft		Qty 9 (2x20)
P10	Round Shaft		Qty 1 (2x16)
P11	Tapping Screw		Qty 5 (2.3x7)
P12	Tapping Screw		Qty 11 (2.6x6)
P13	Tapping Screw		Qty 19 (2.6x10)
P14	Tapping Screw		Qty 12 (2.6x6)
P15	Machine Screw		Qty 10 (2.6x6)
P16	Self Tapping Screw		Qty 4 (3x11)
P17	Self Tapping Screw		Qty 3 (3x16)
P18	Nut		Qty 16


P19	Washer	Qty
		3


P20	Battery Terminal With Wire	Qty
		1


P21	Battery Terminal With Connector	Qty
		1


P22	LED With Wire	Qty
		1

P23	Sponge(Black)	Qty
		2

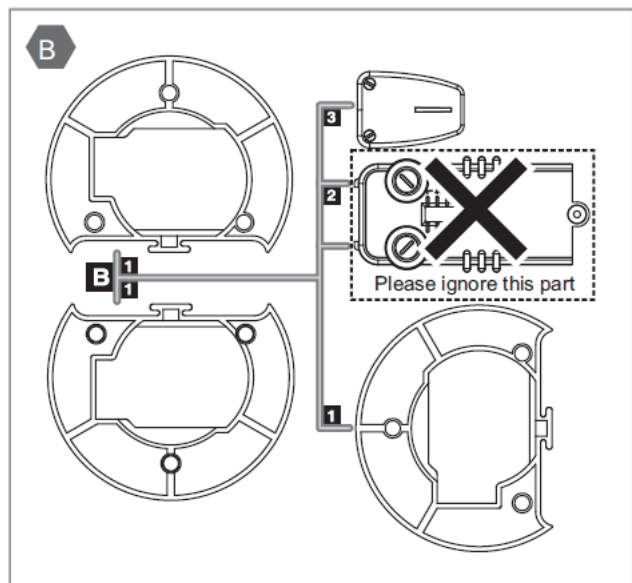
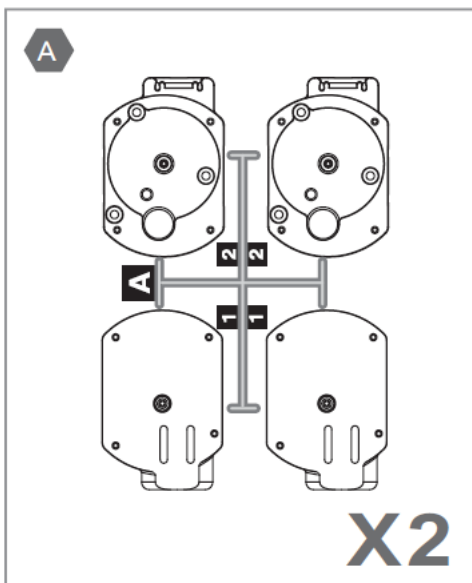
P24	Wire Clip	Qty
		3

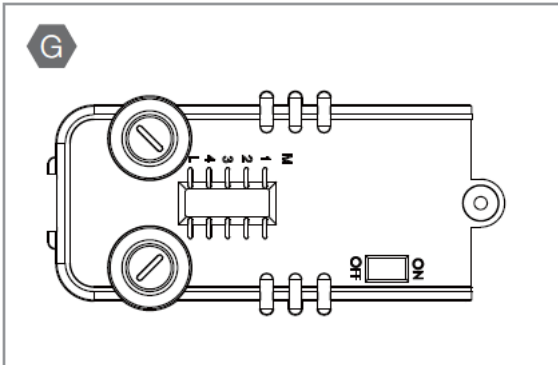
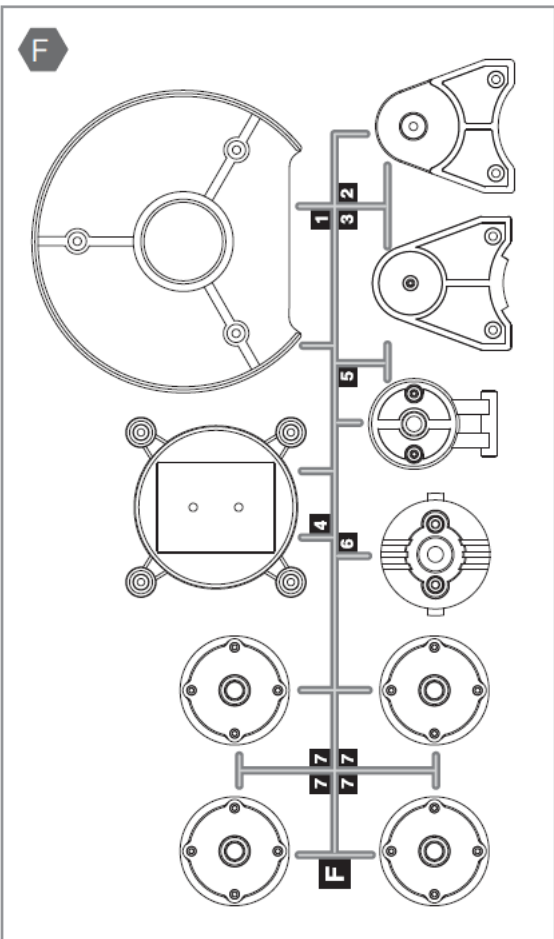
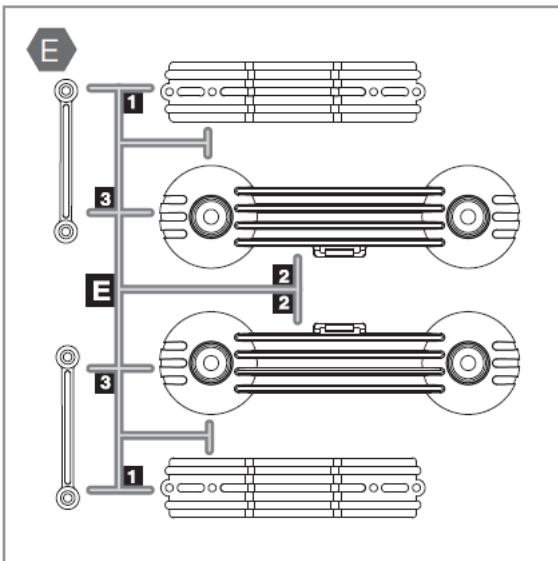
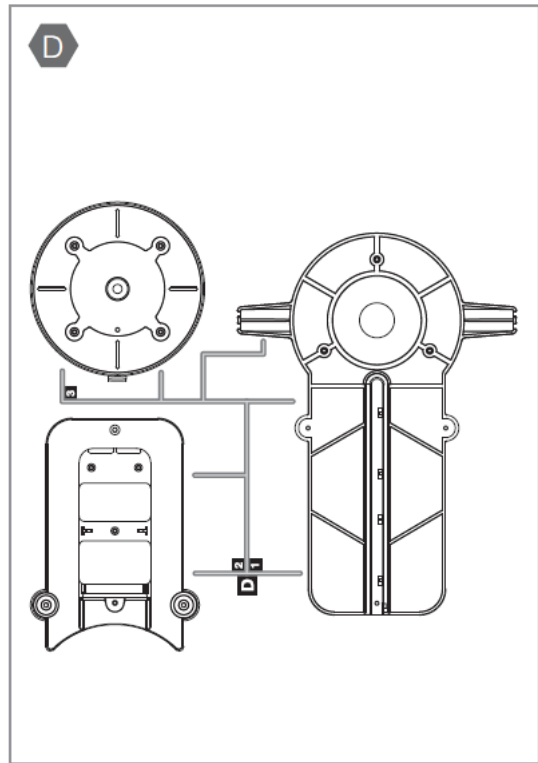
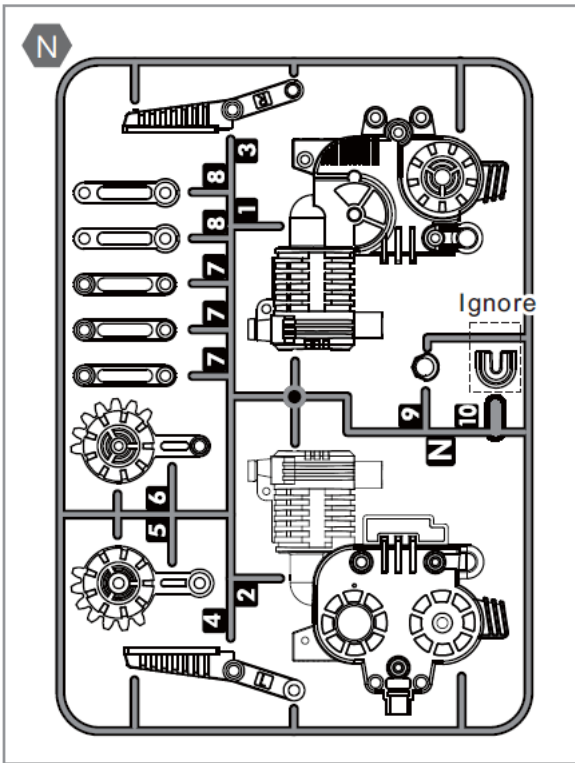
P25	USB Wire	Qty
		1

P27	USB PC Board	Qty
		1

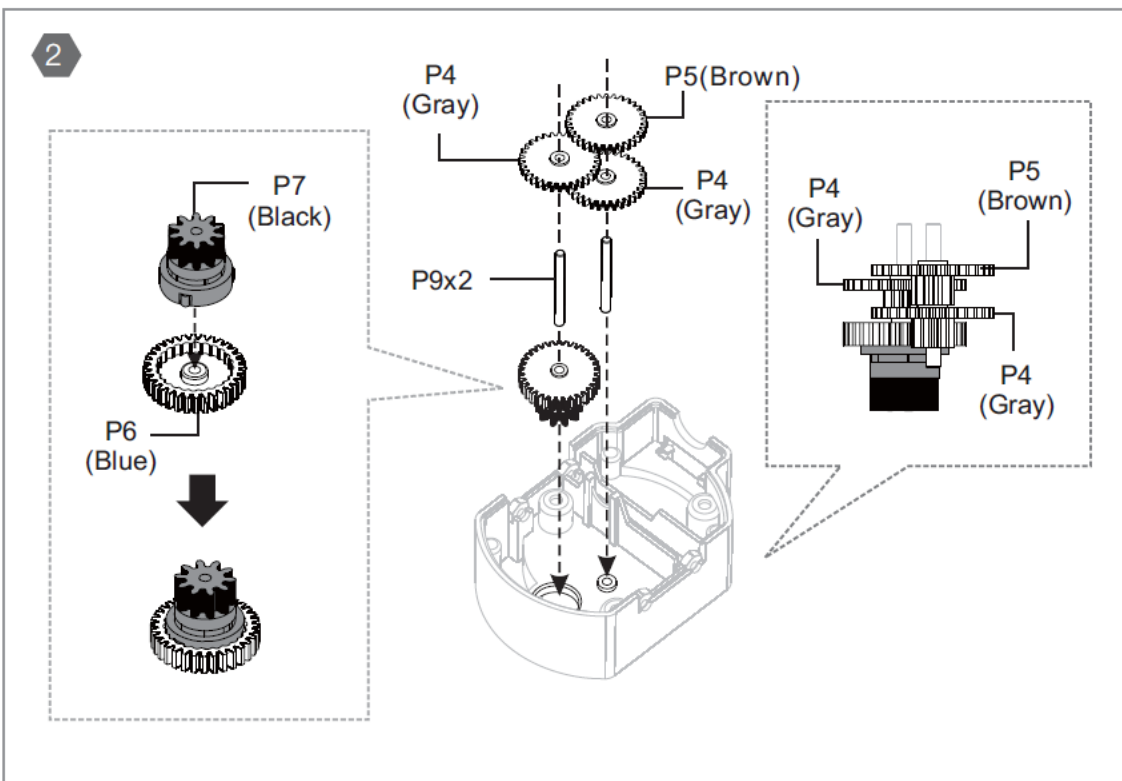
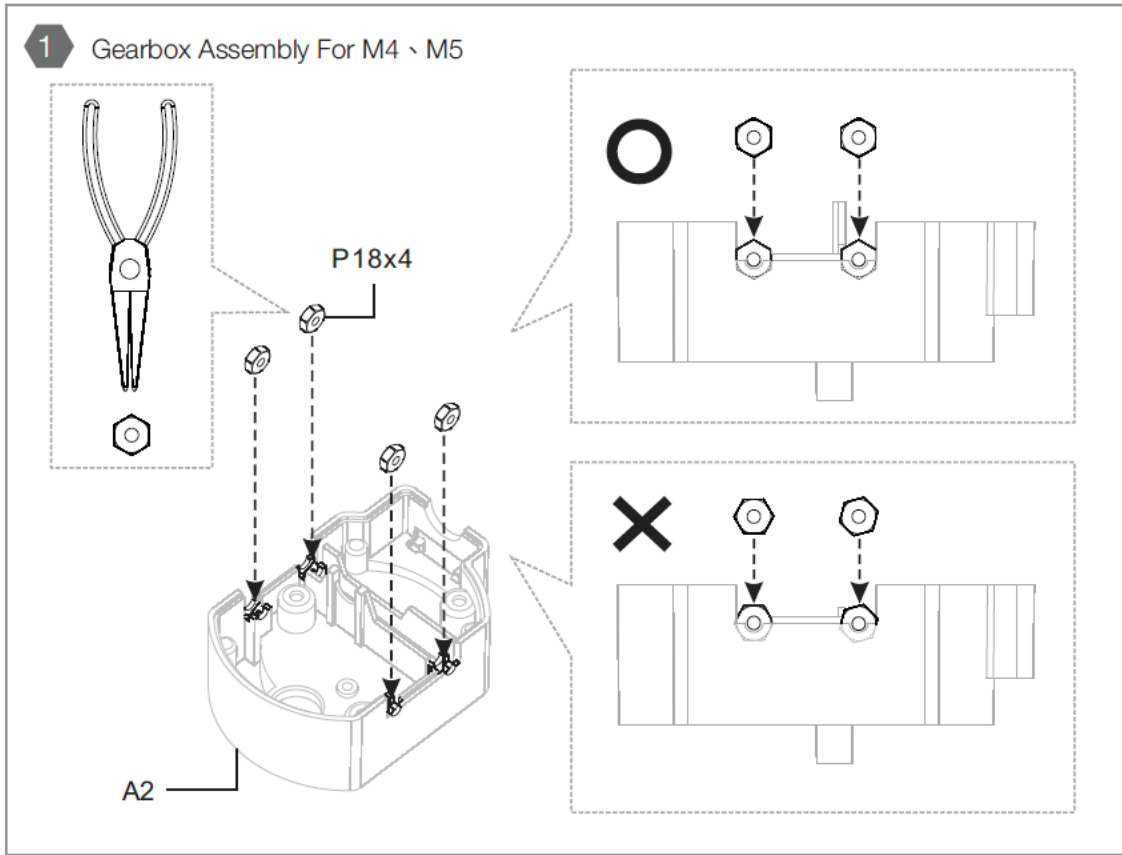
P26	CD Disk	Qty
		1

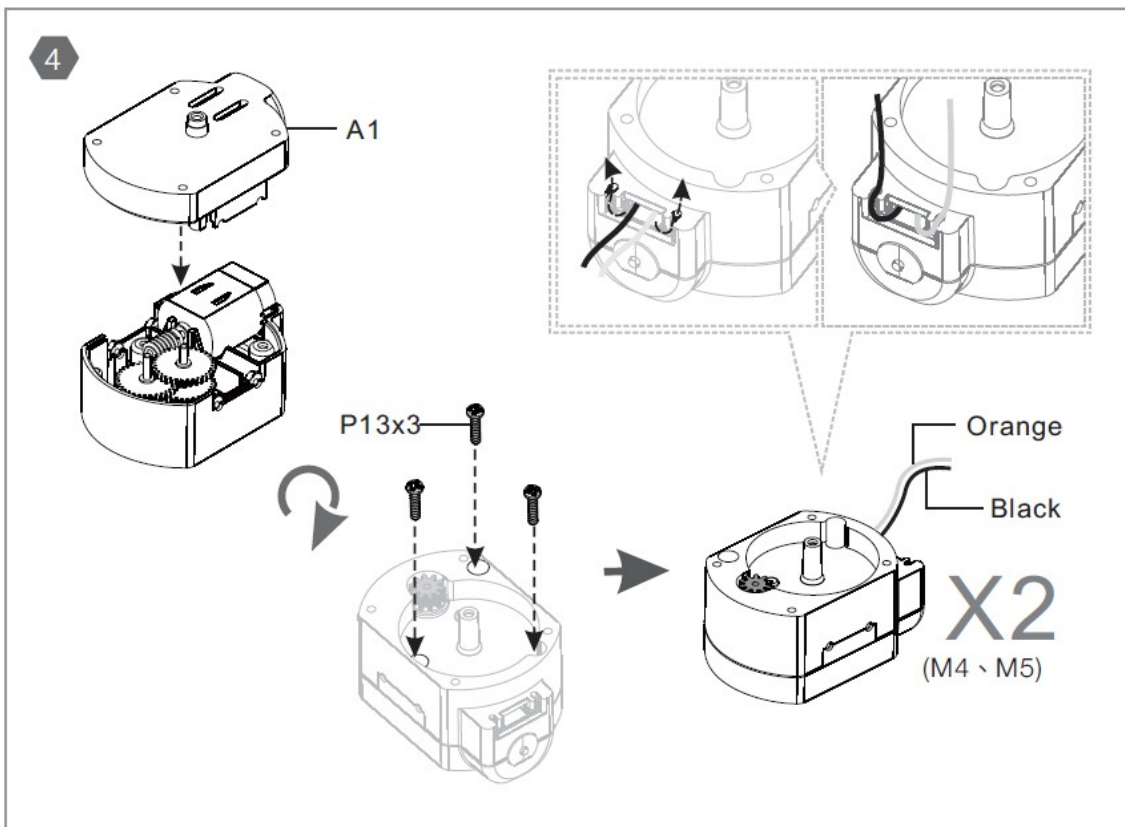
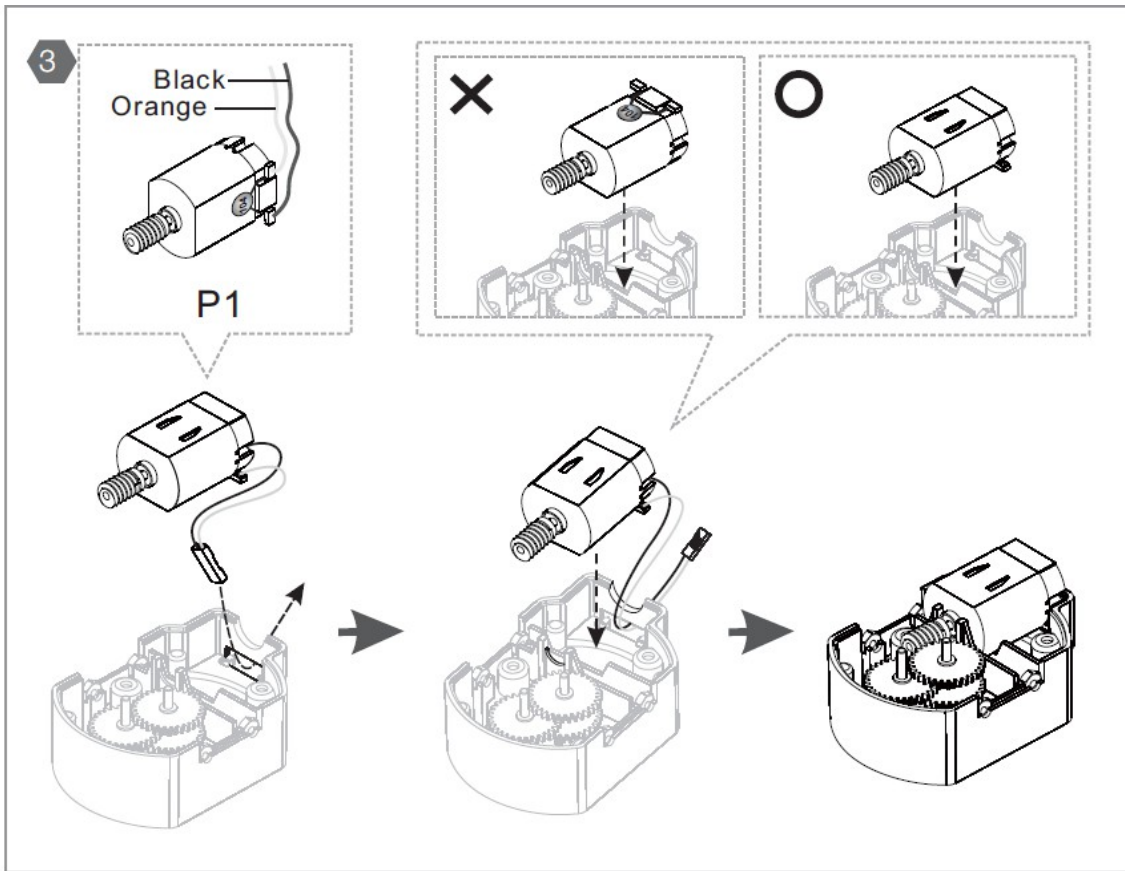
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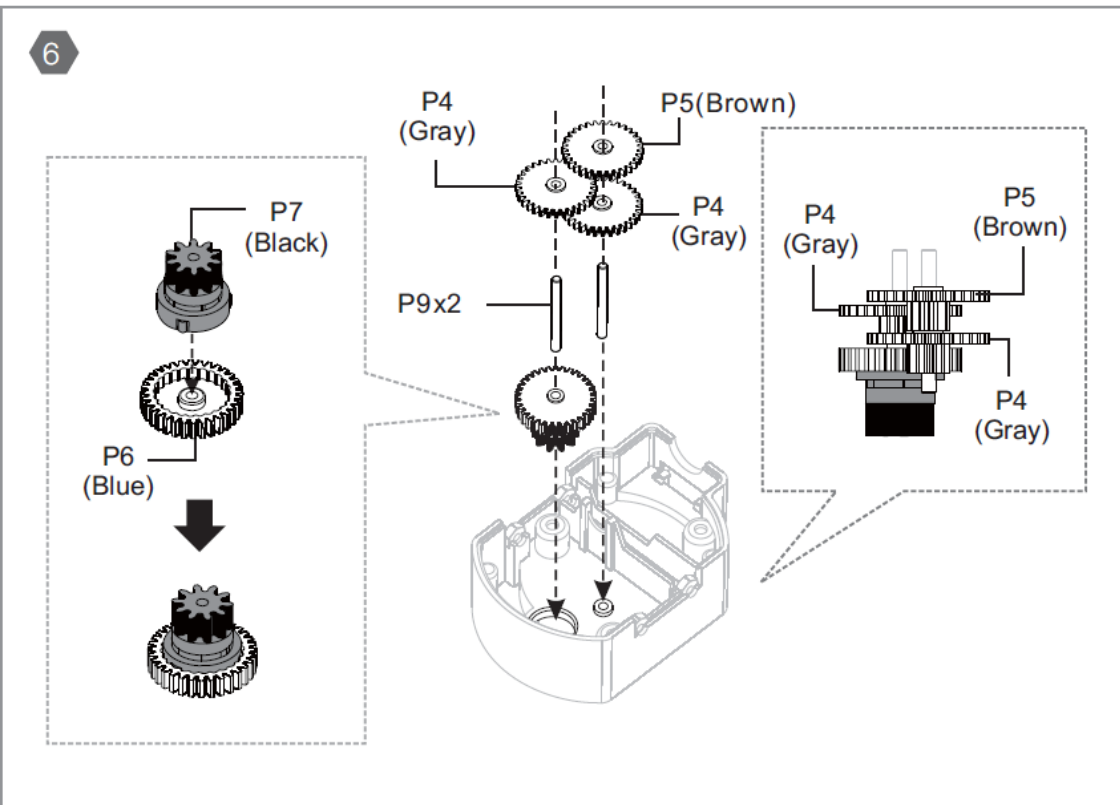
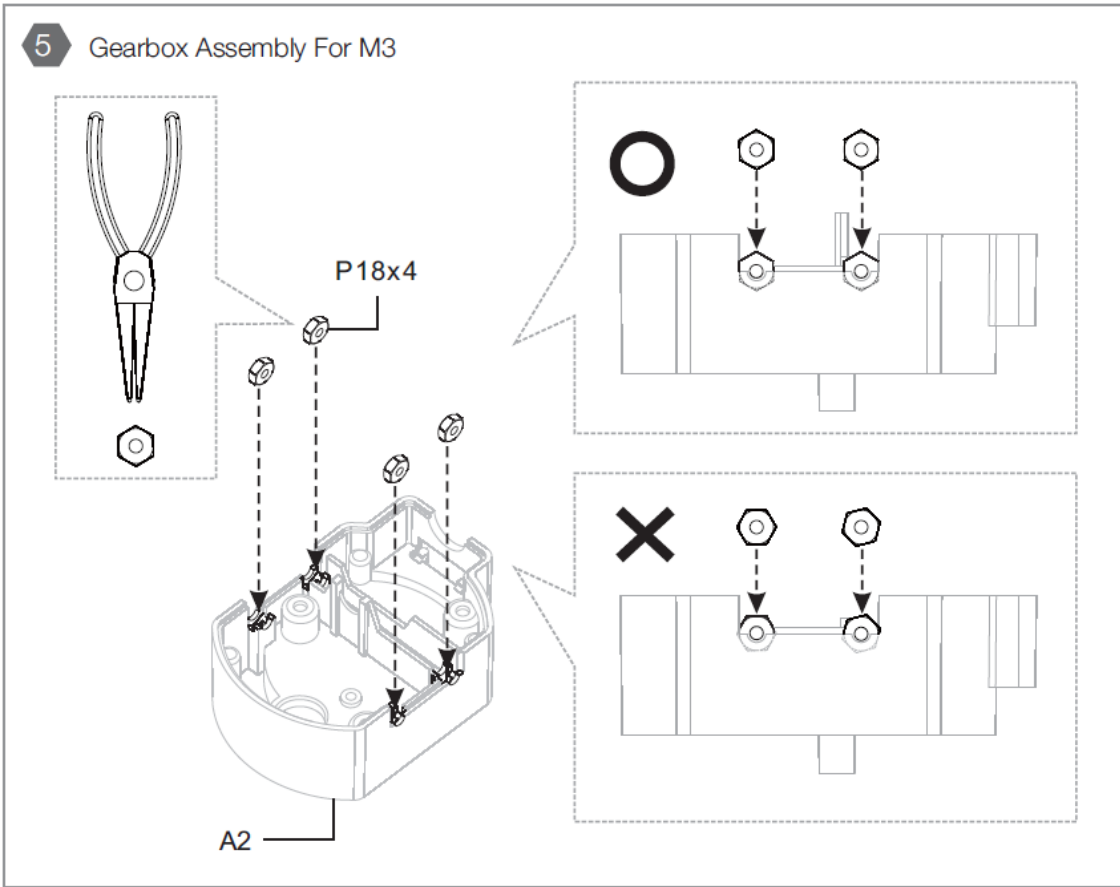


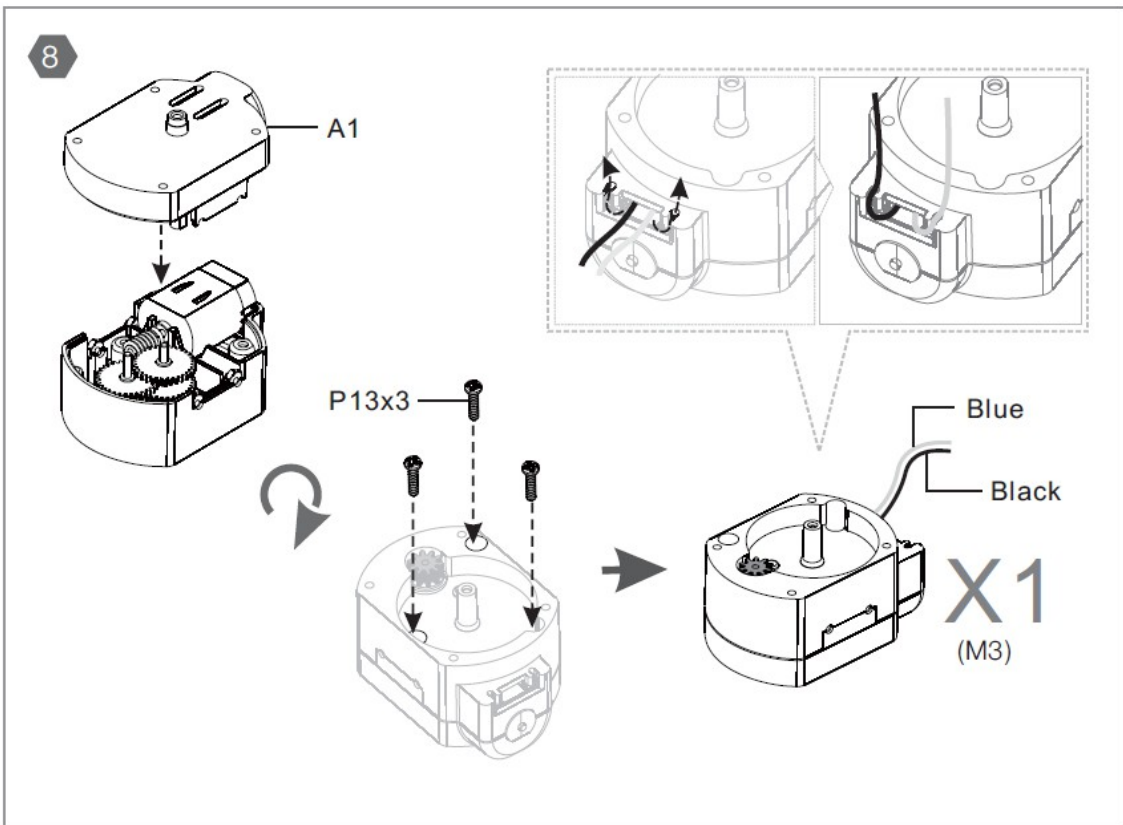
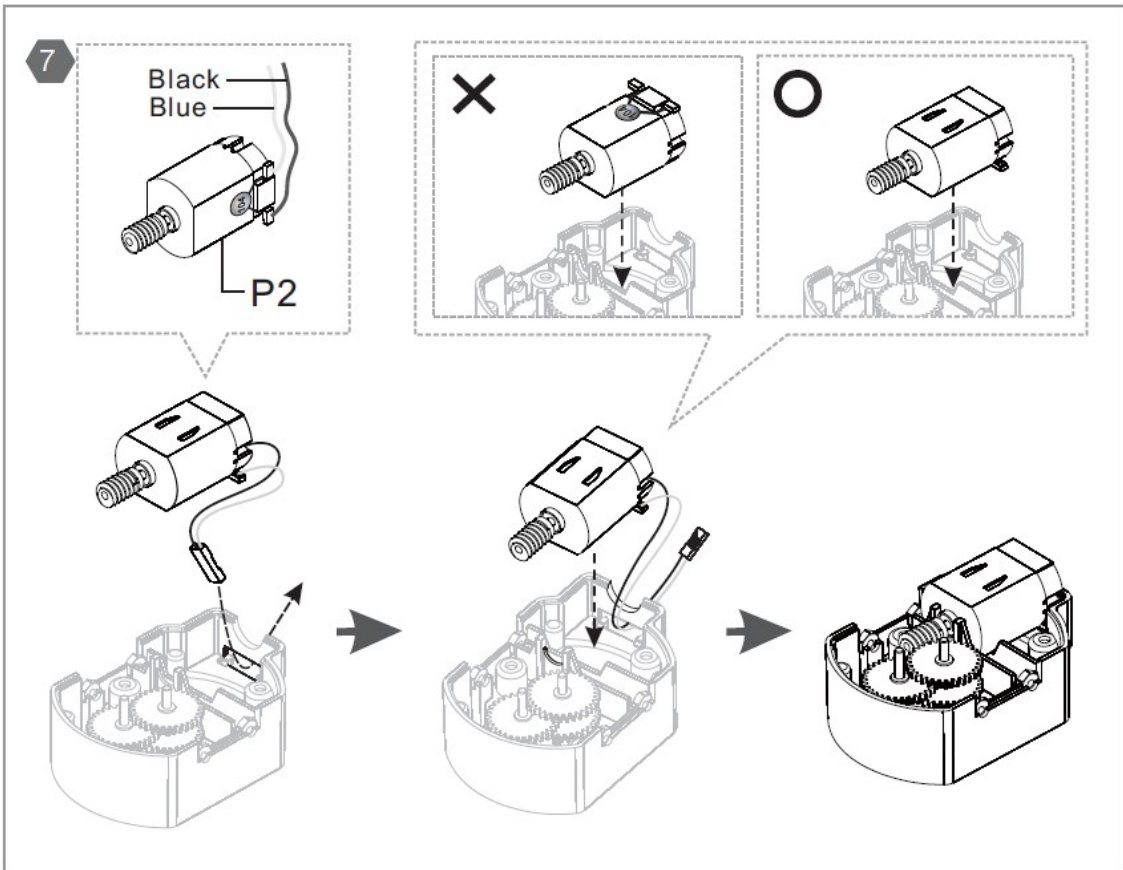


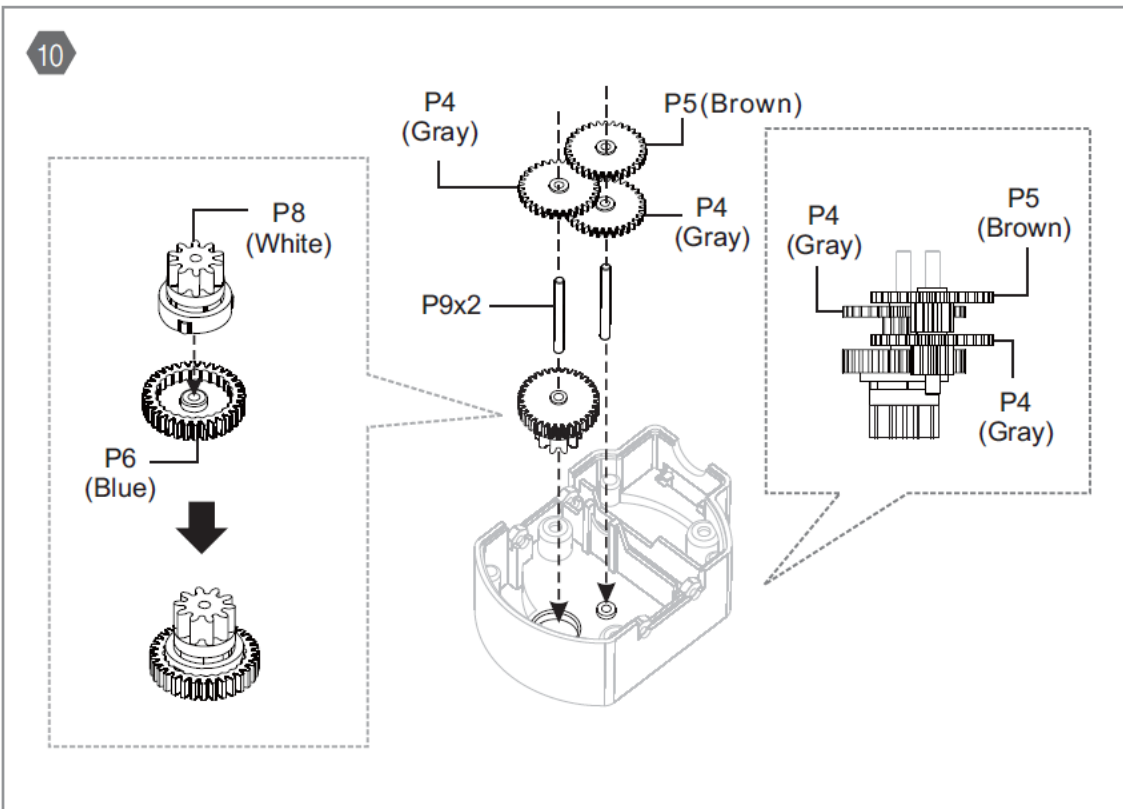
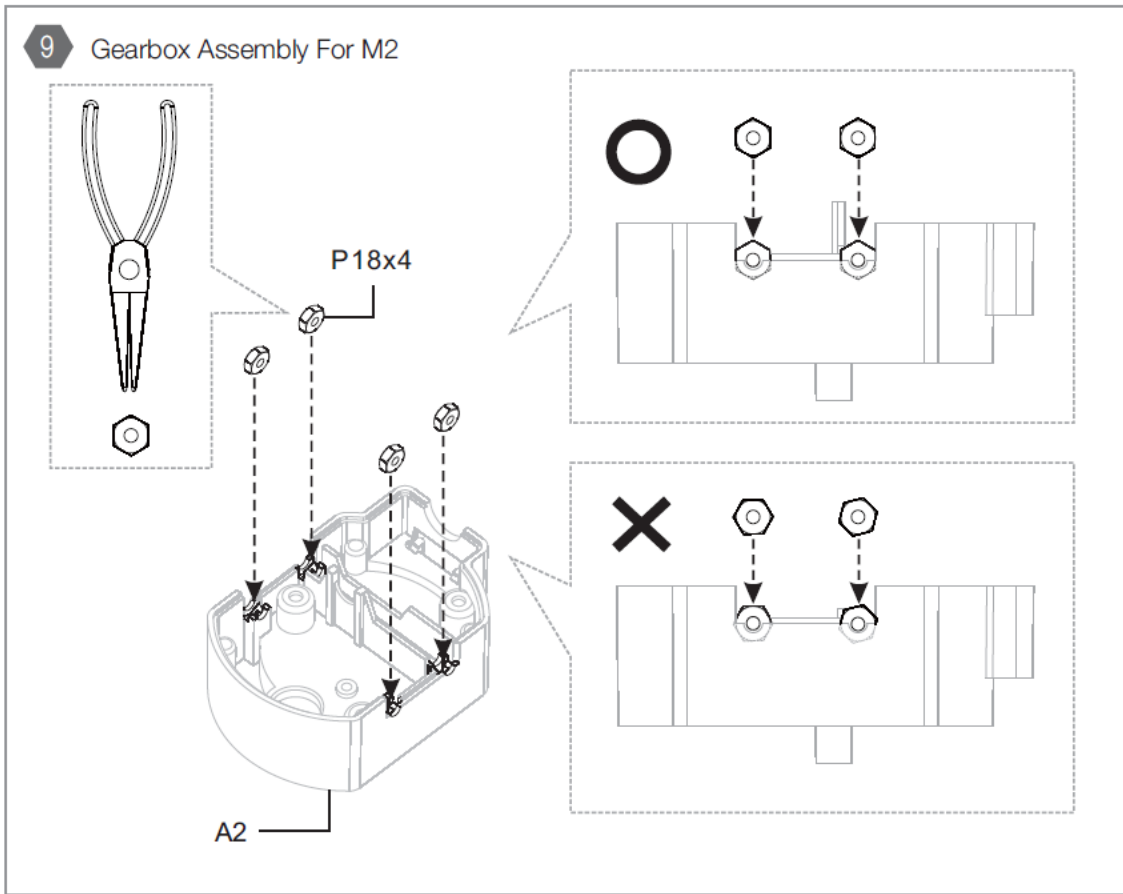
Mechanical assembly :

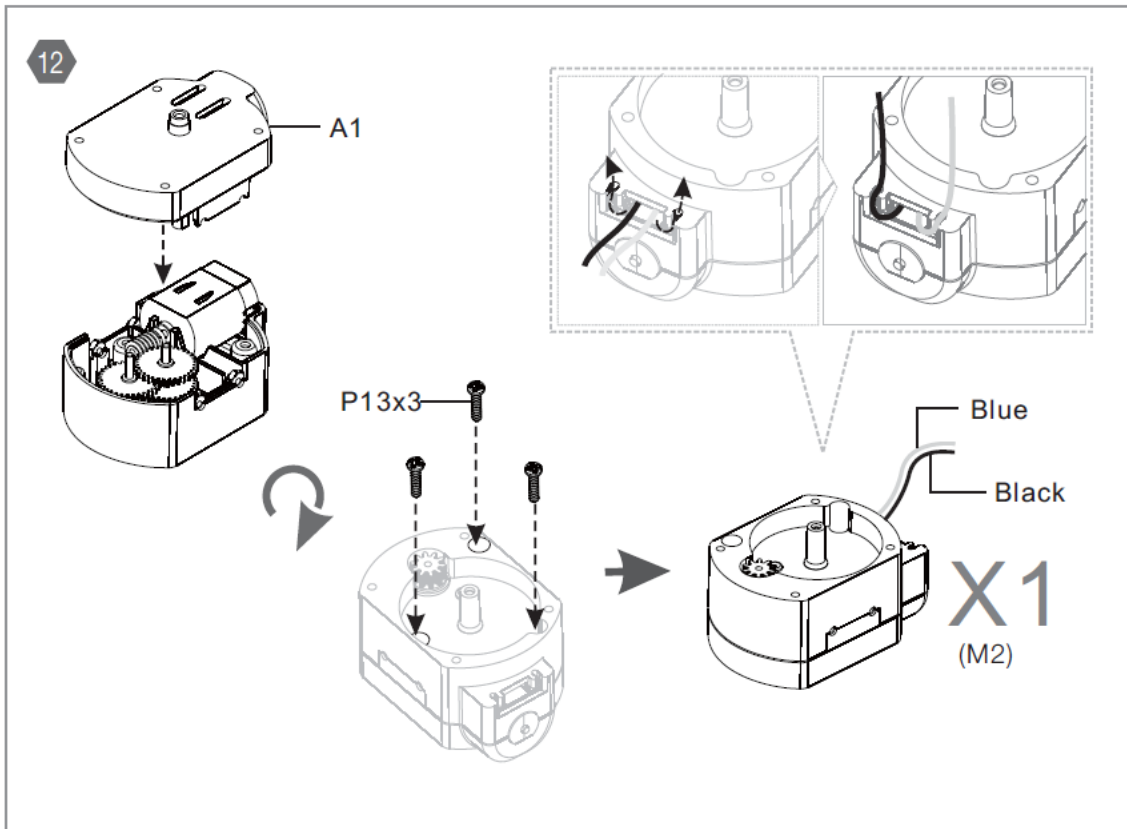
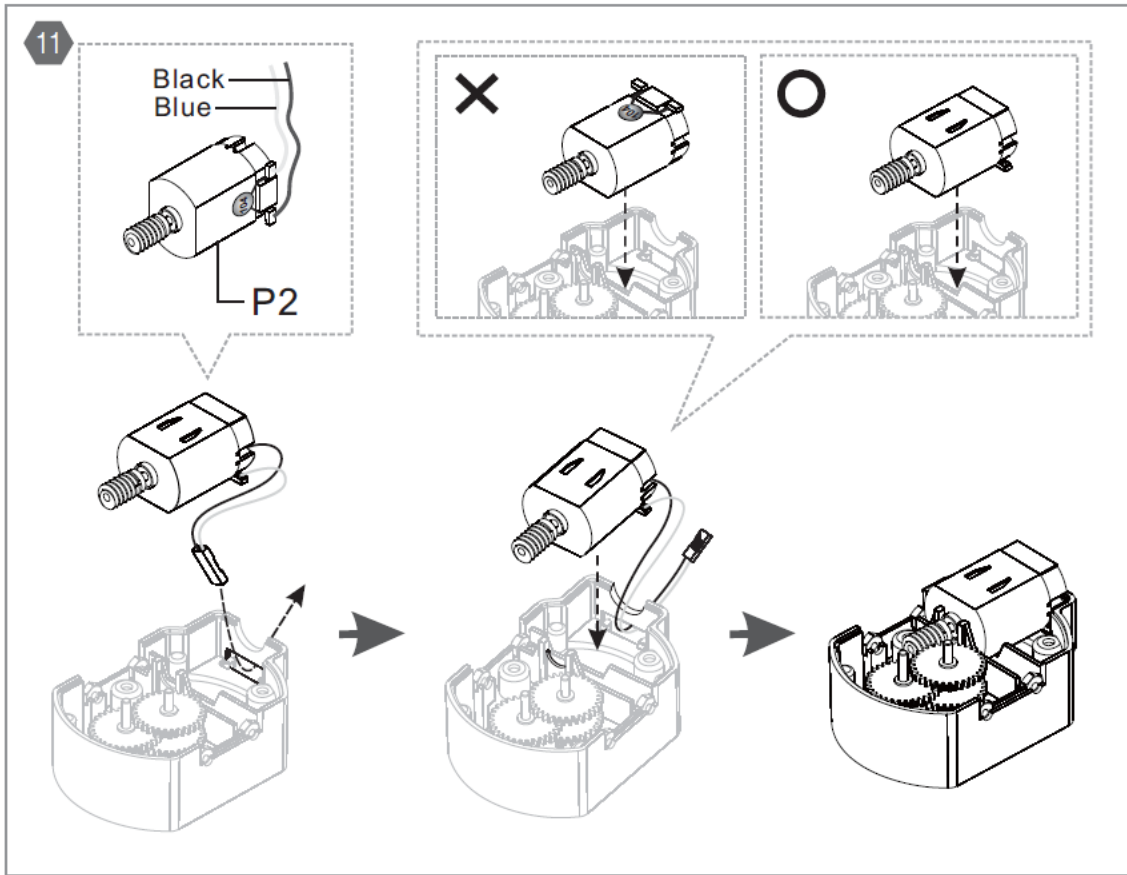


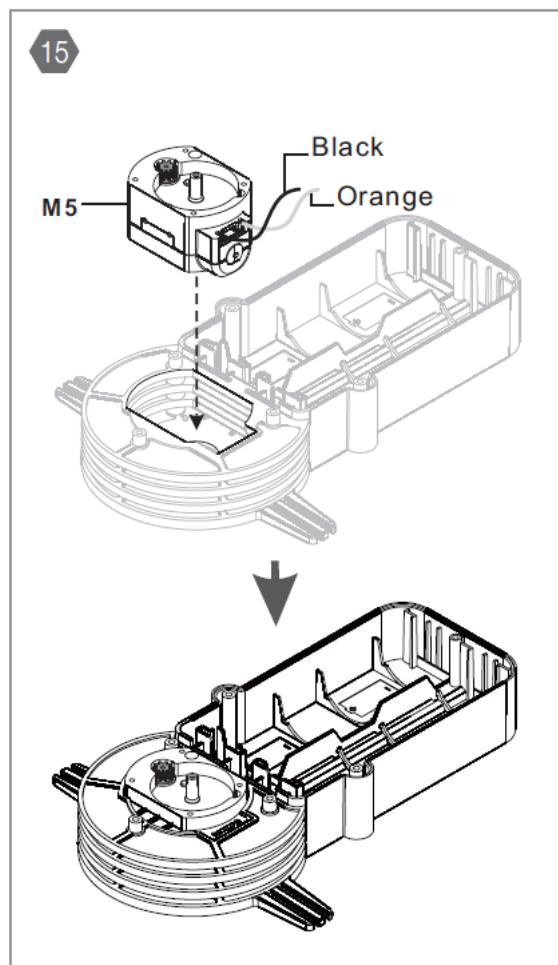
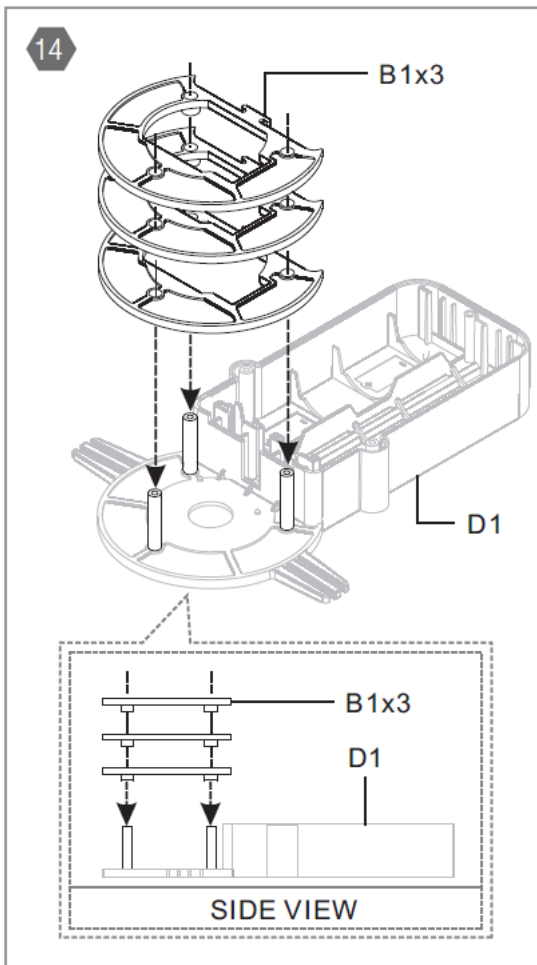
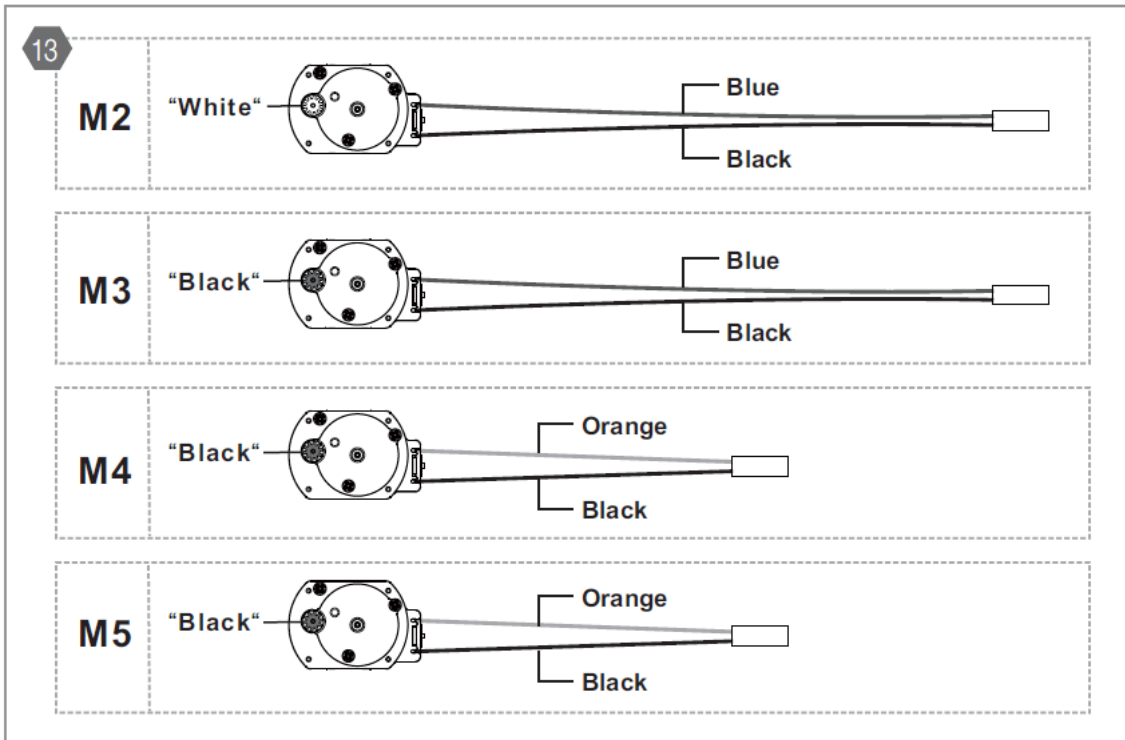


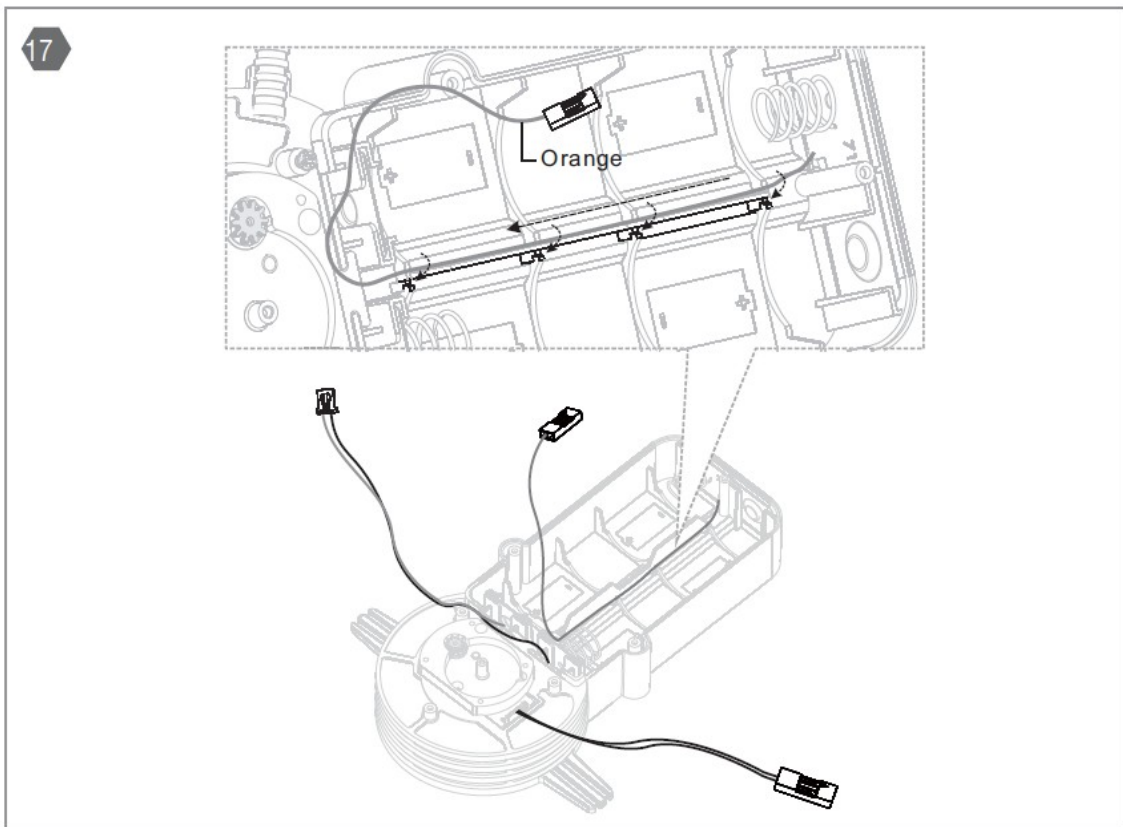
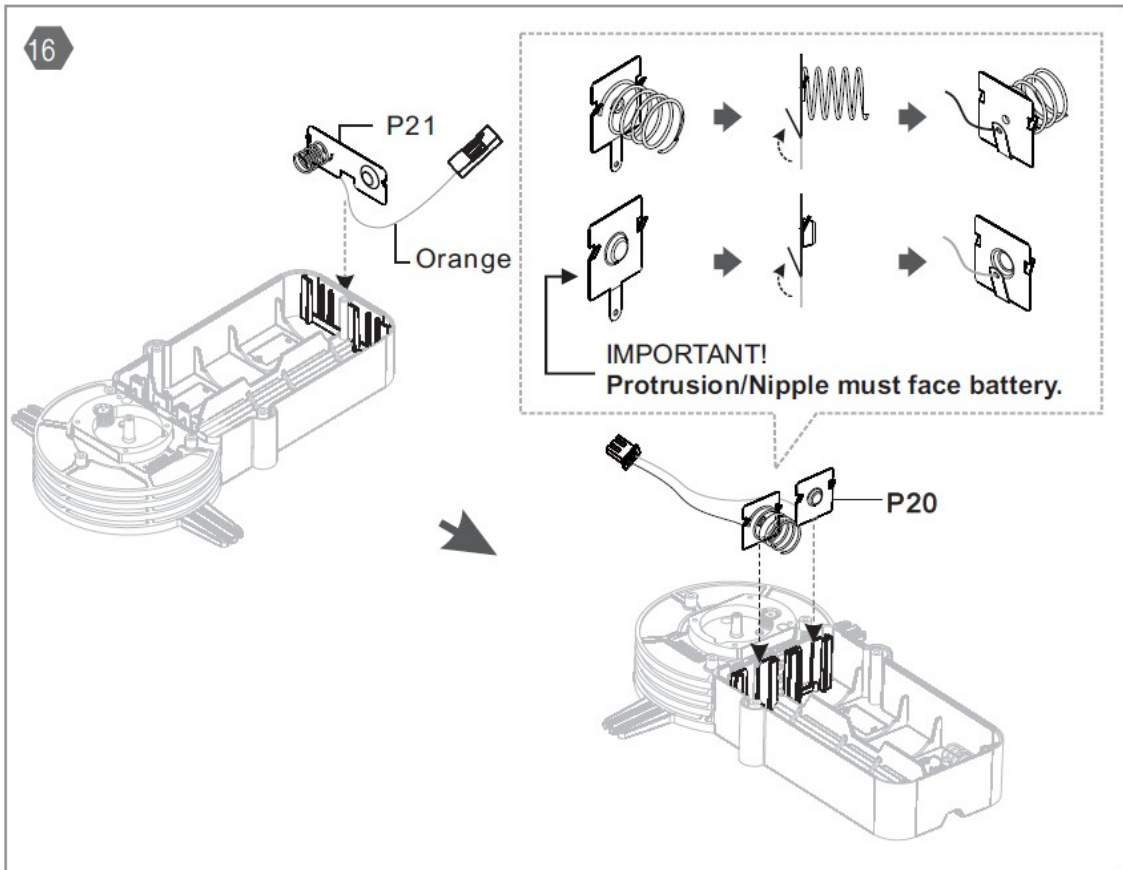


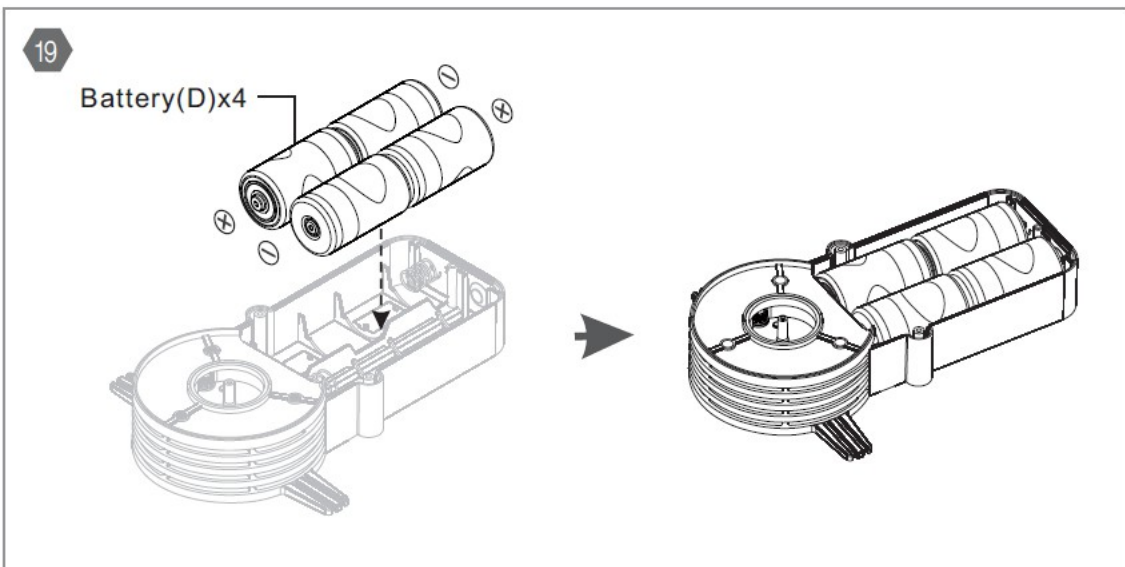
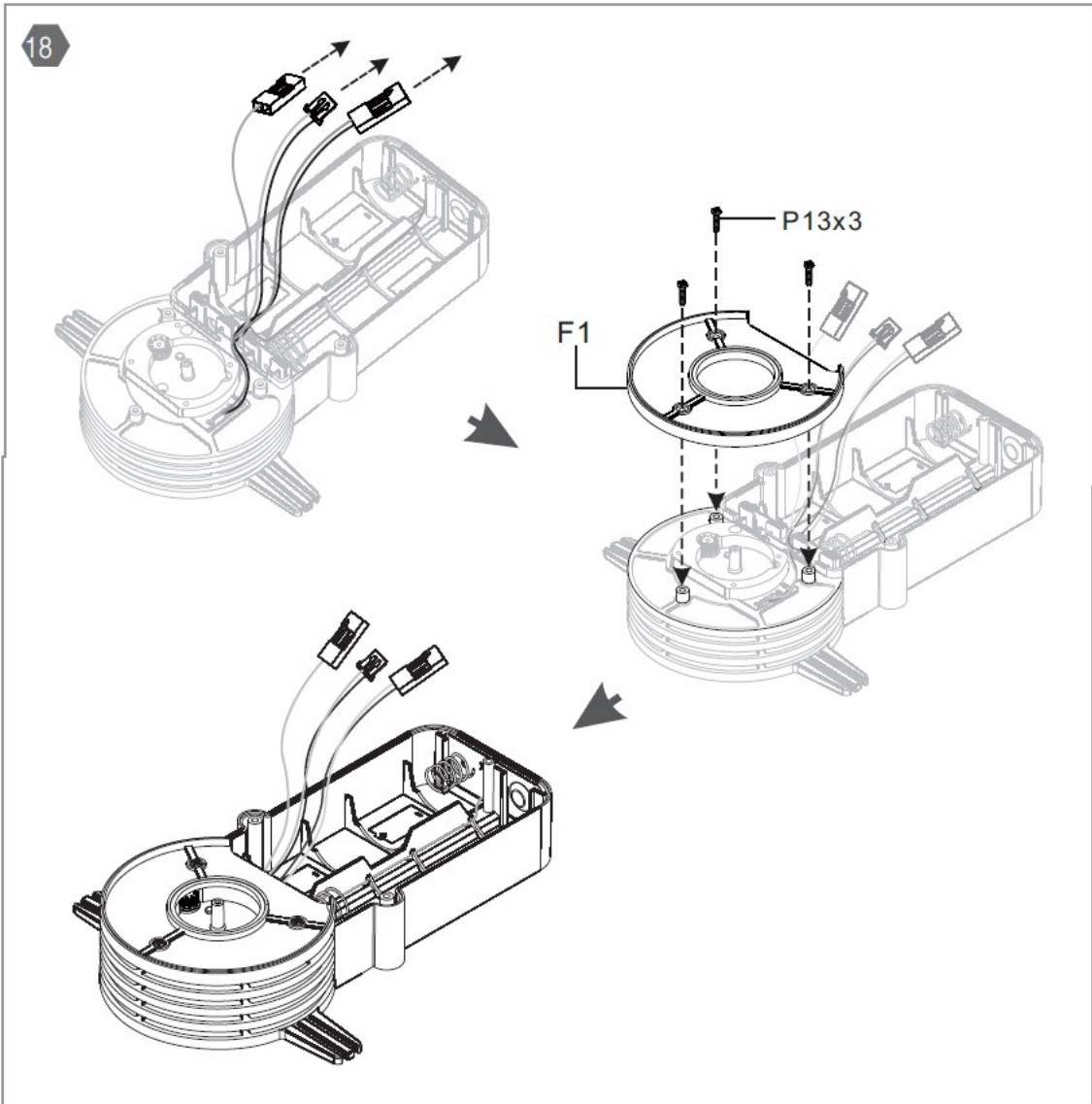


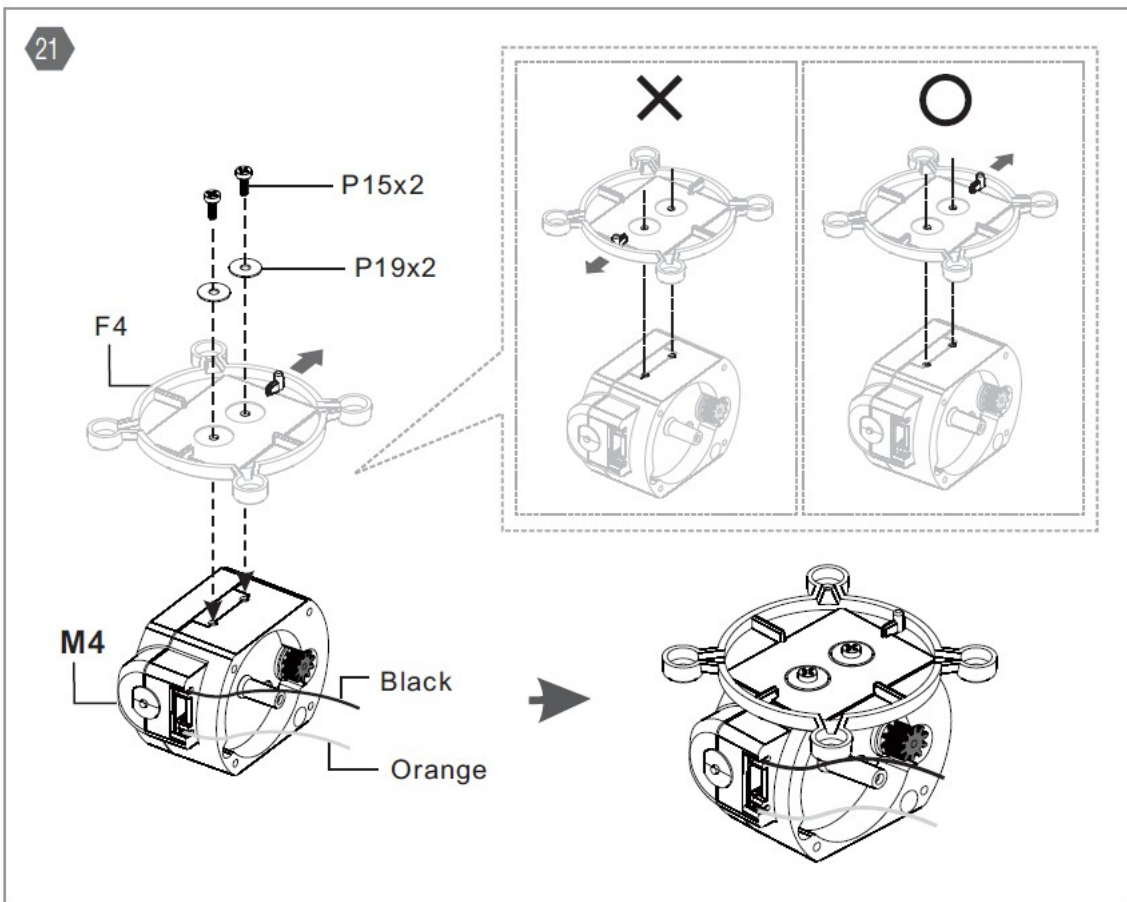
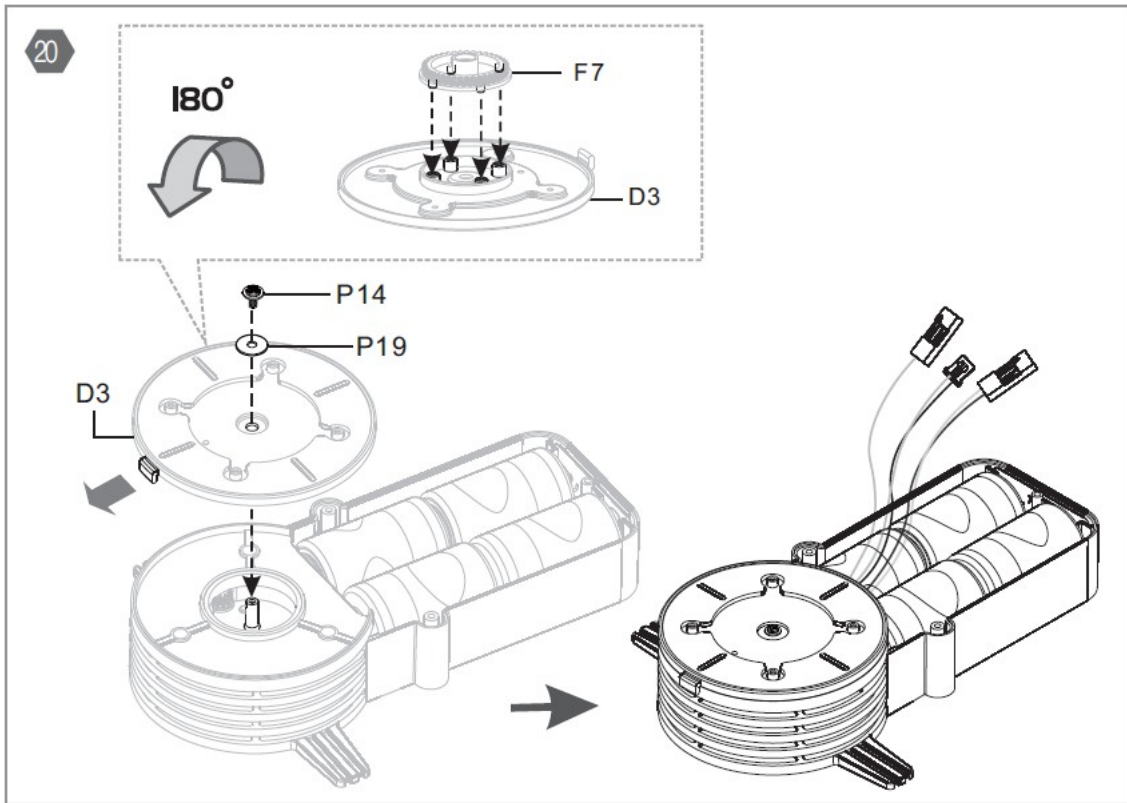


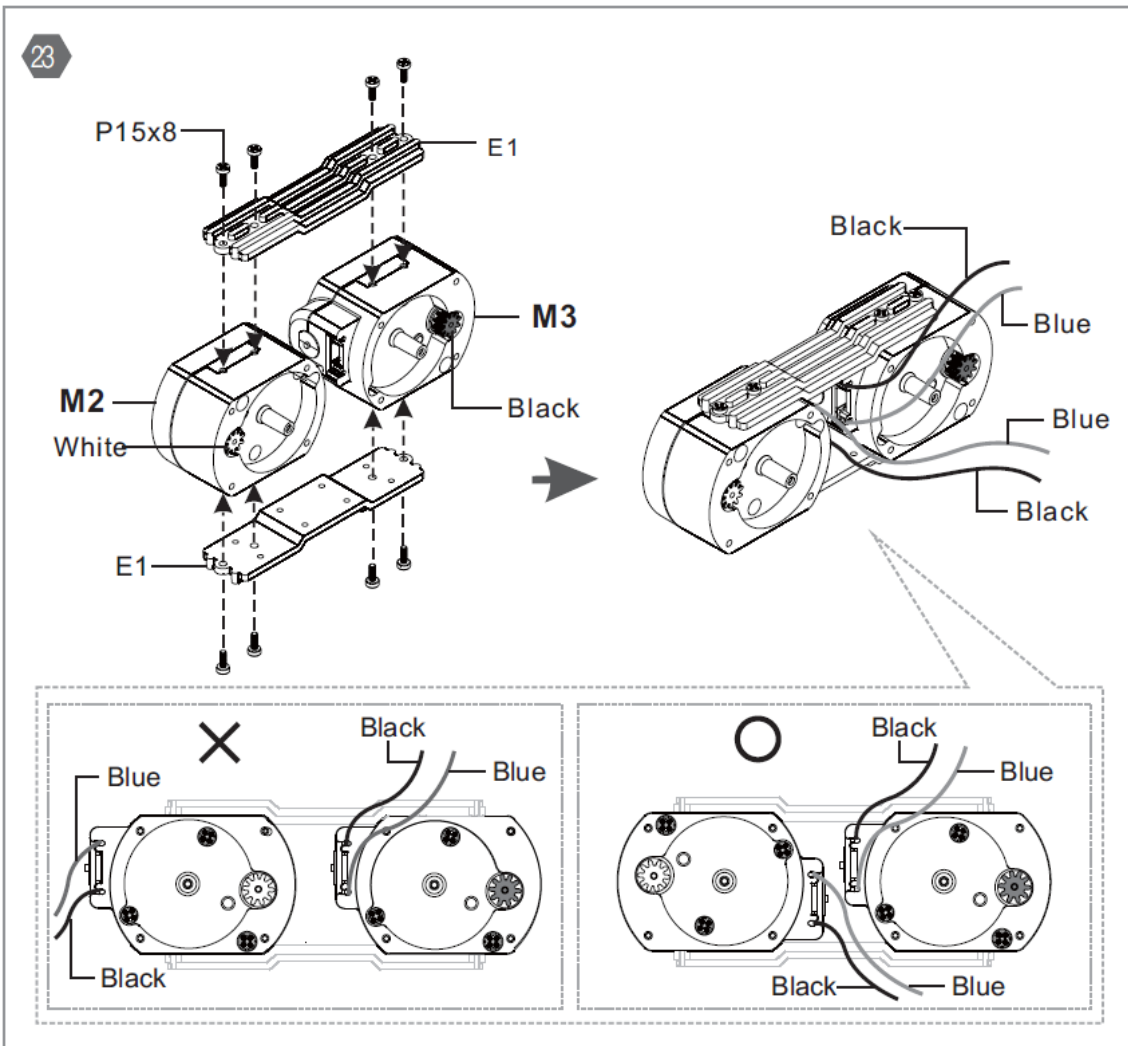
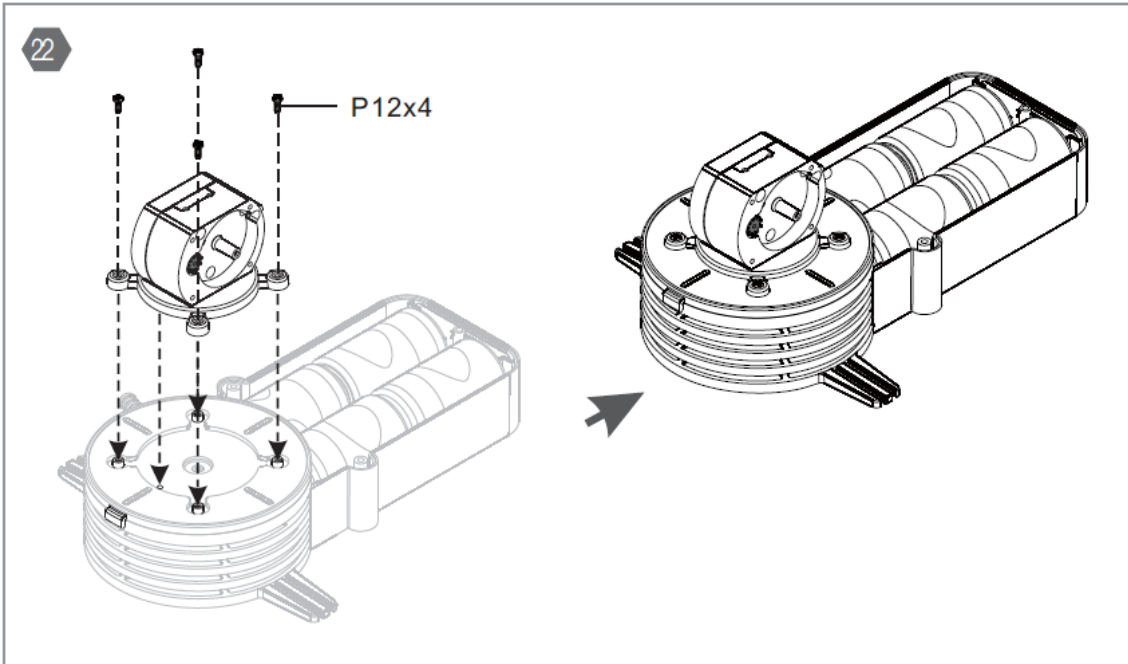


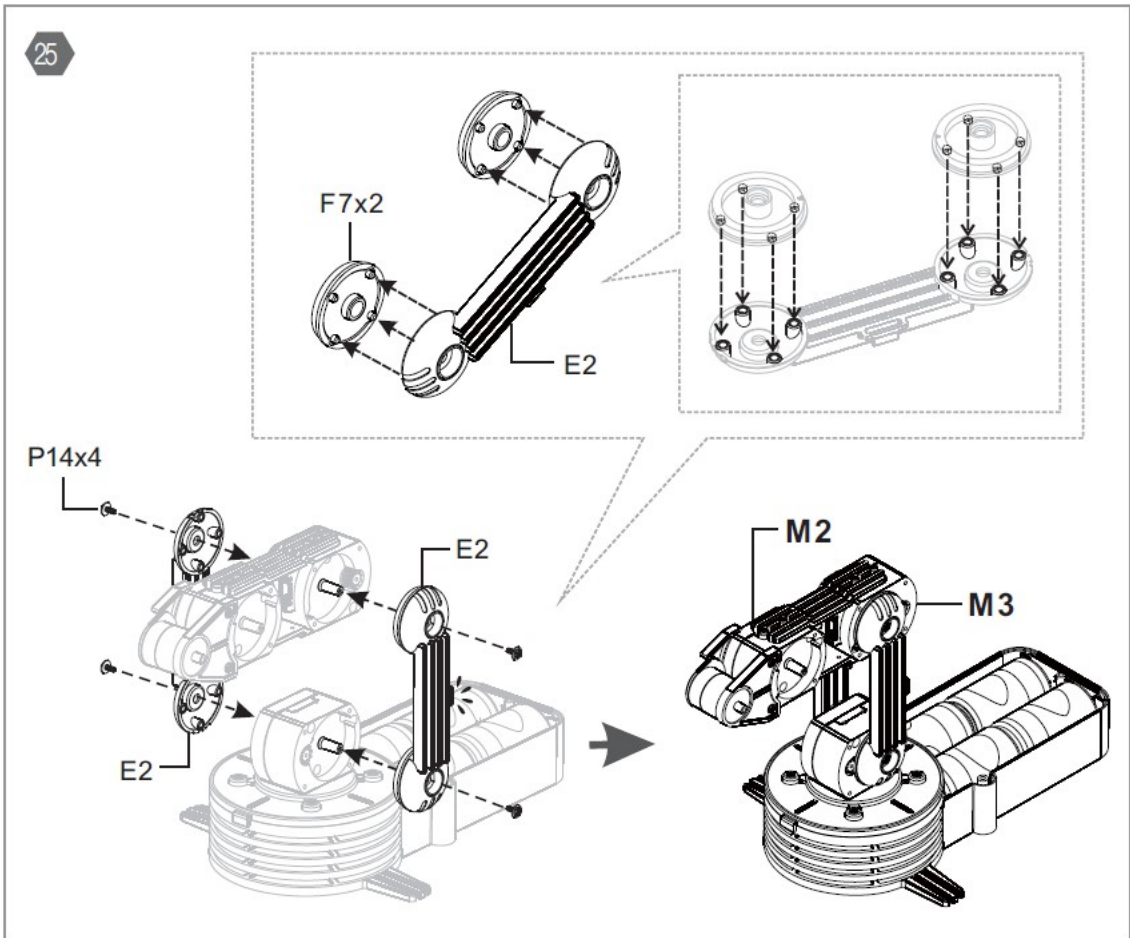
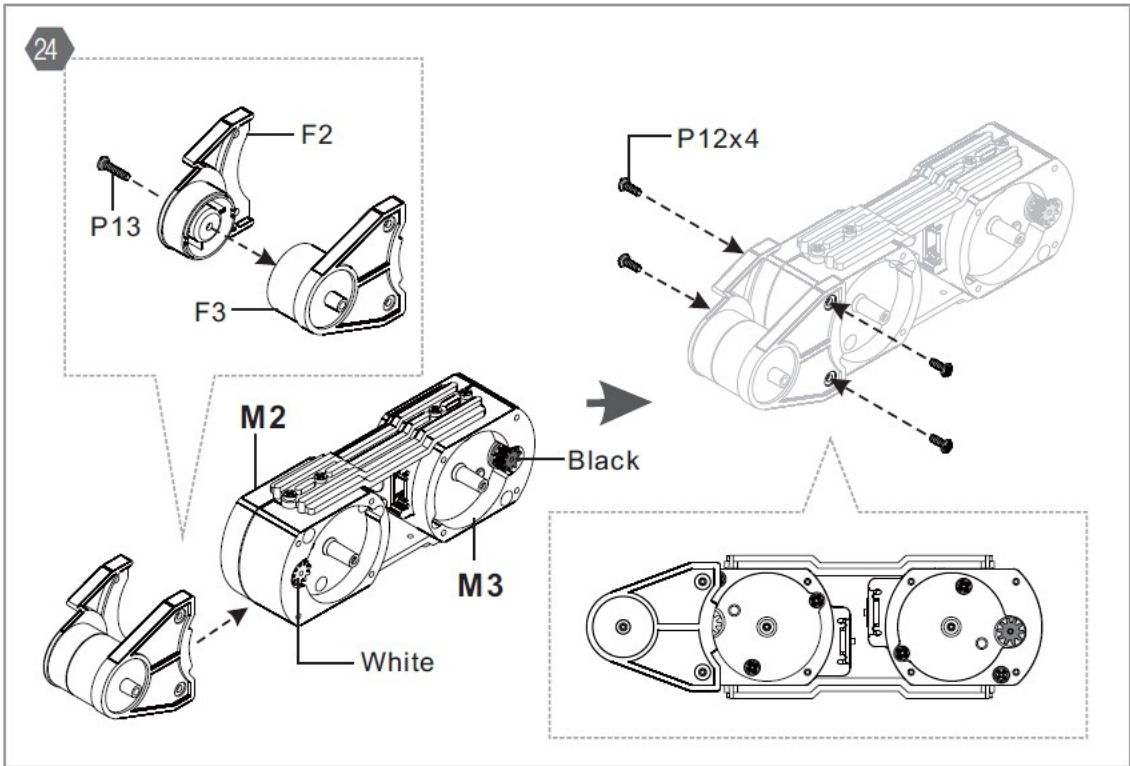




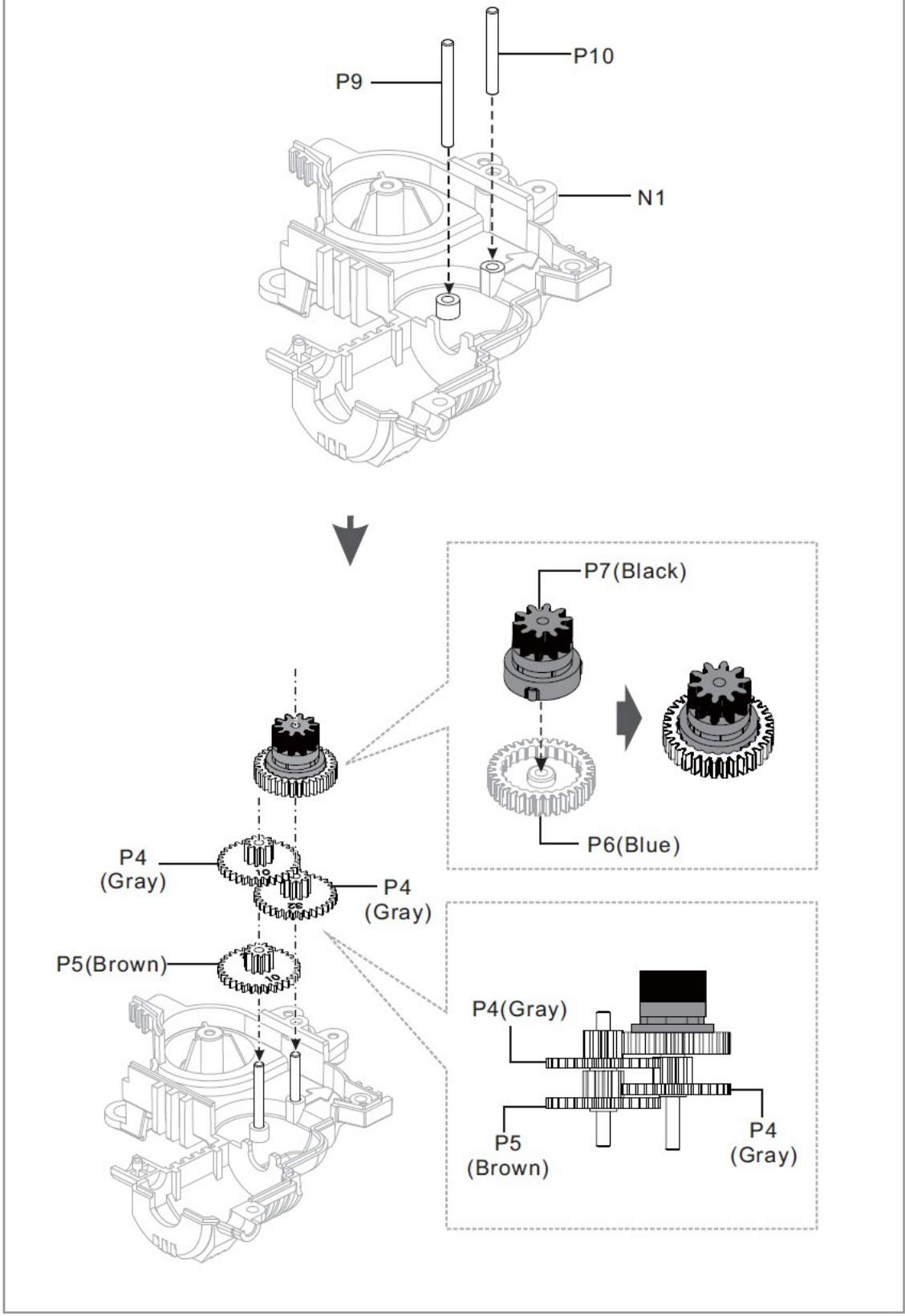


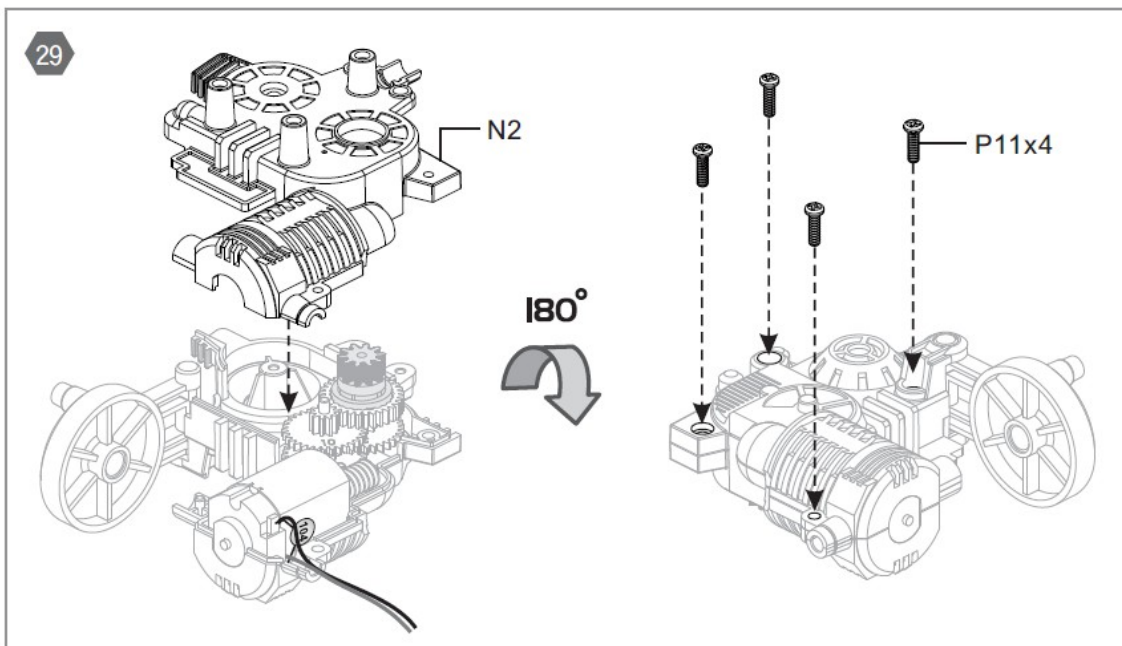
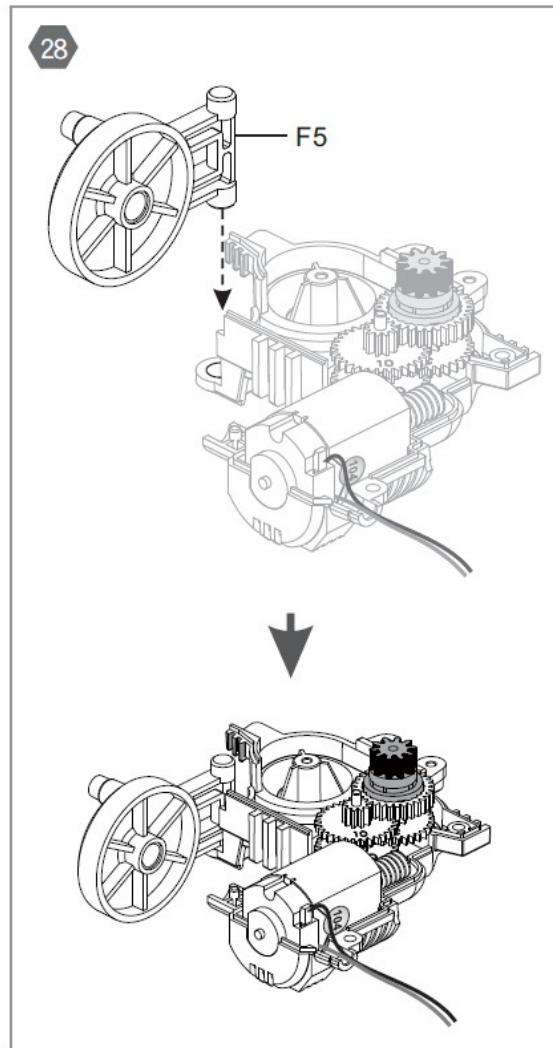
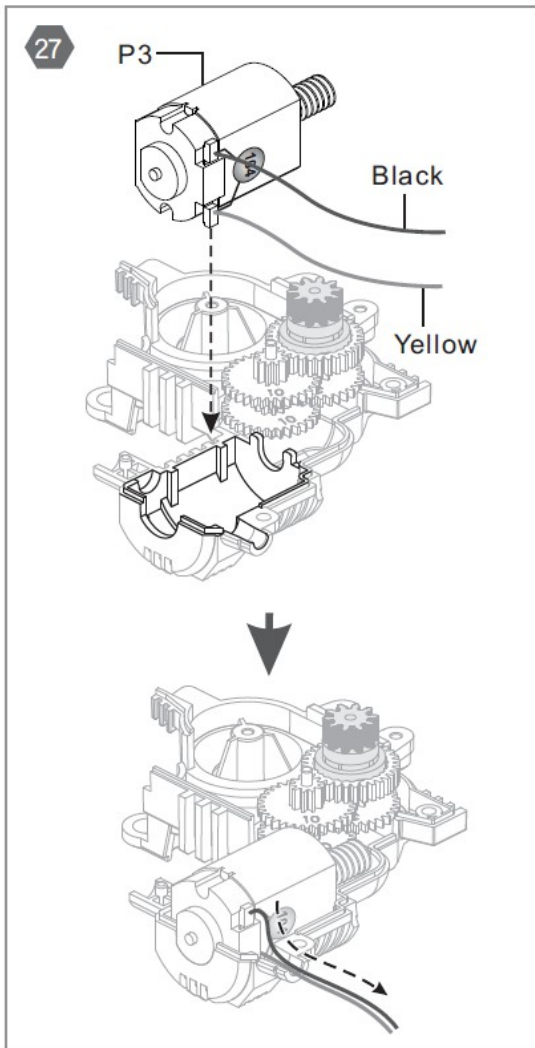


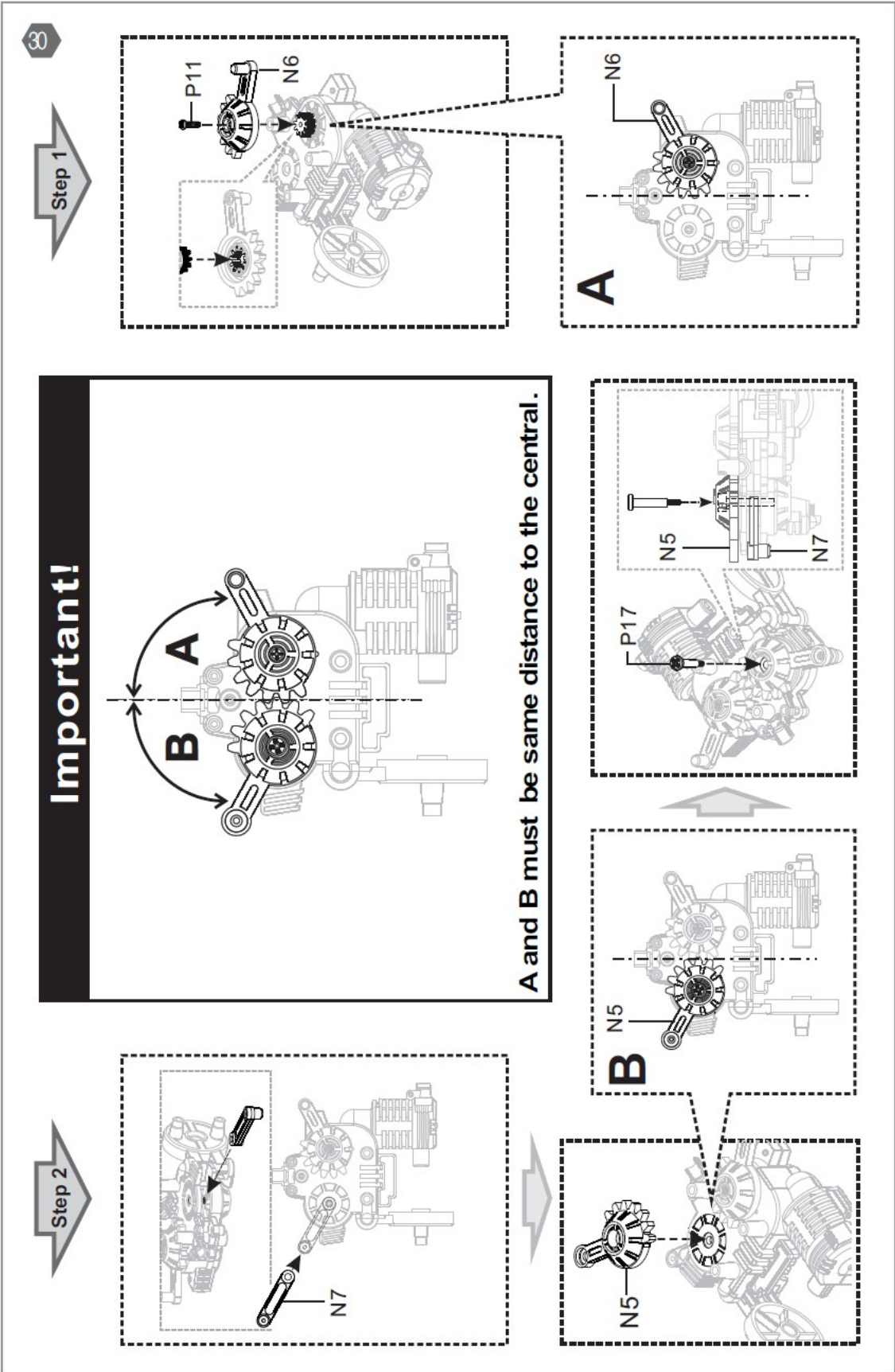


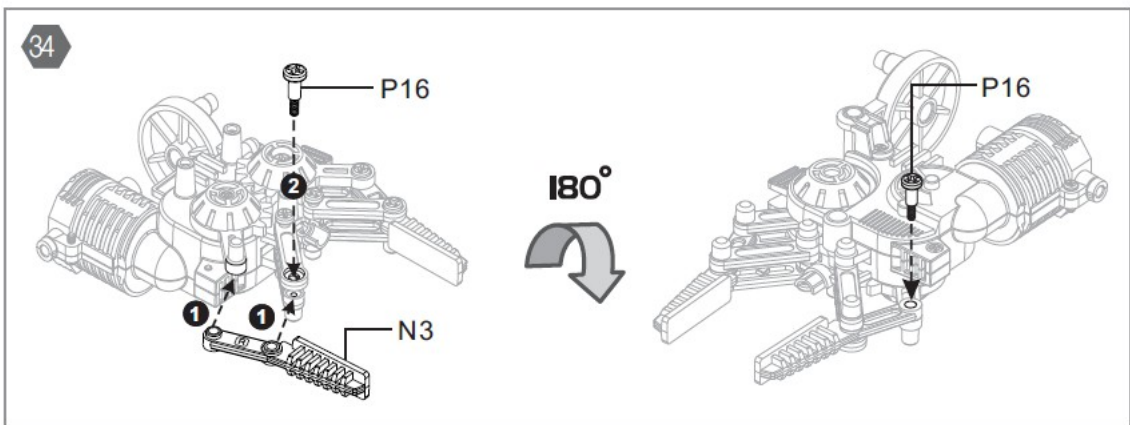
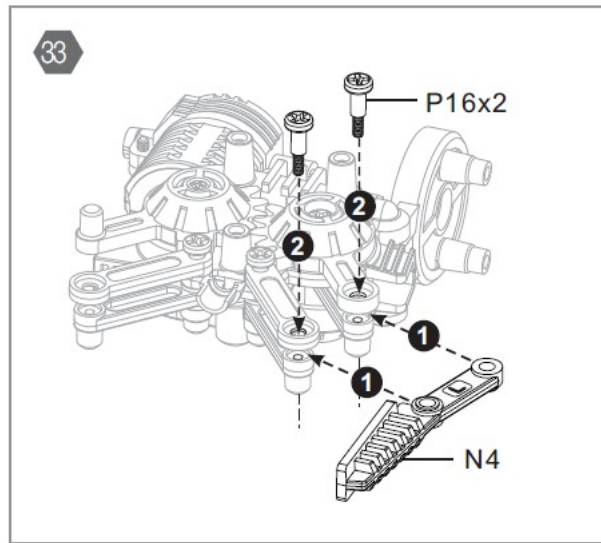
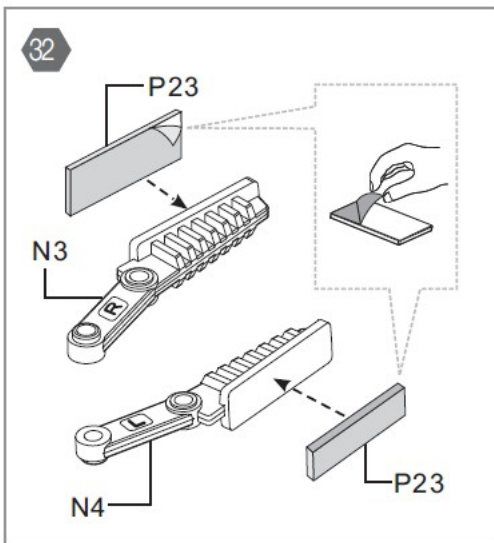
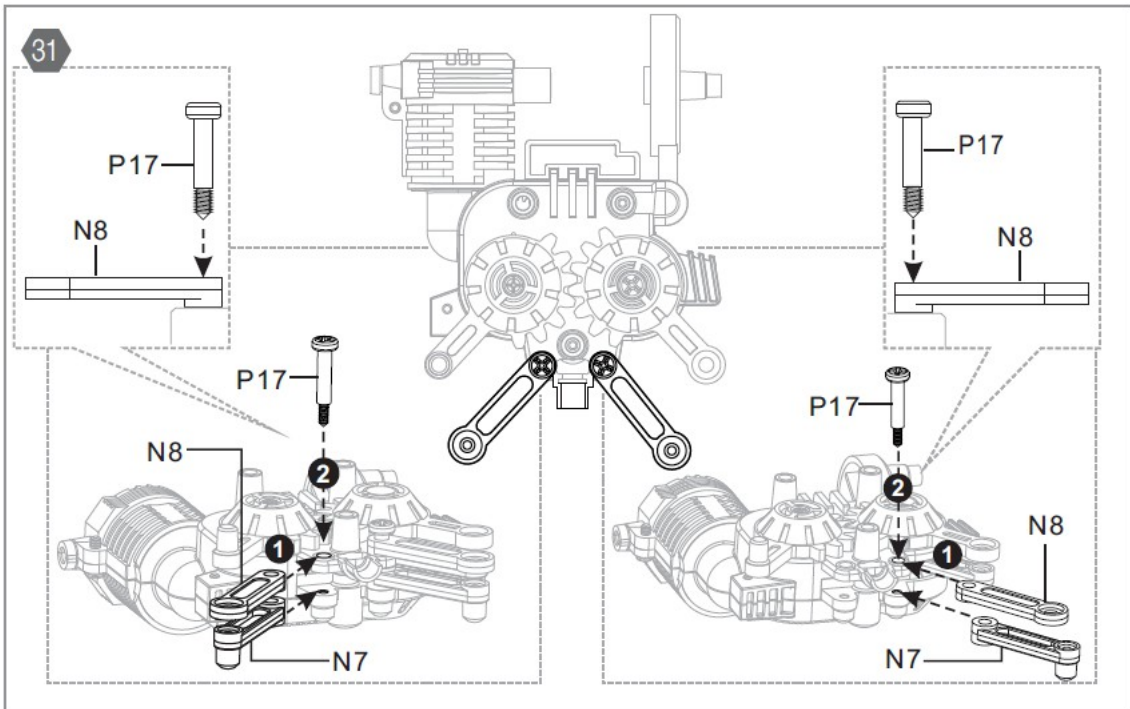


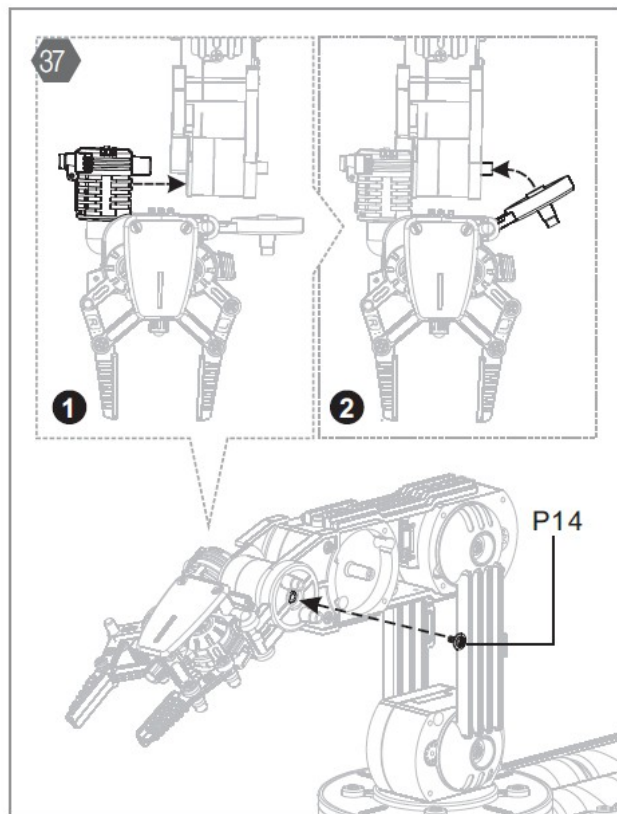
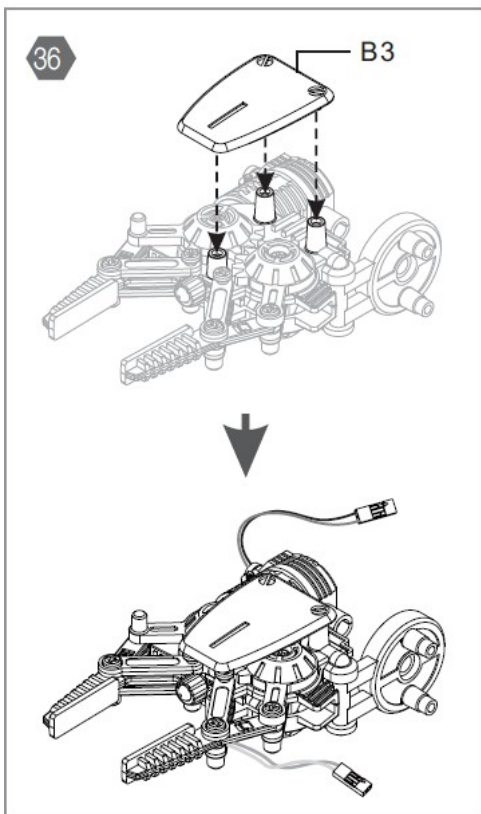
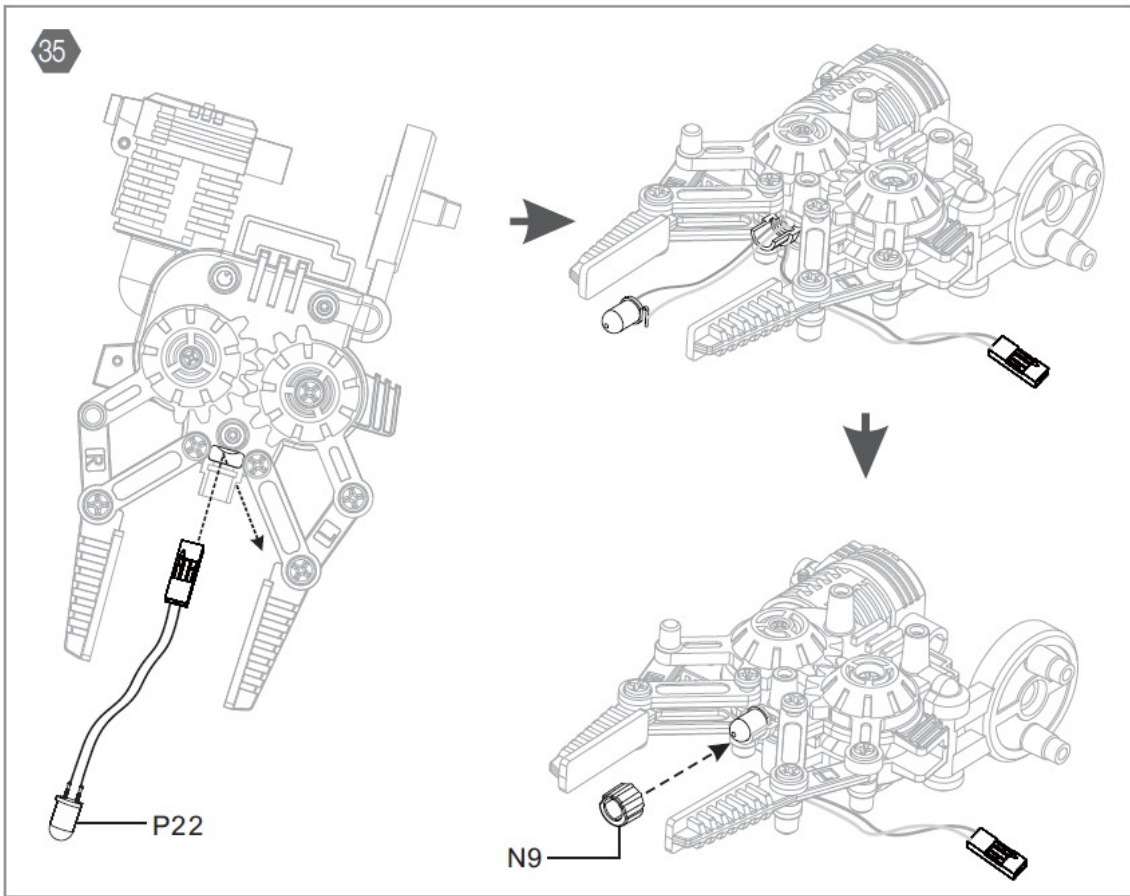
26 Gearbox Assembly For Gripper (M1)

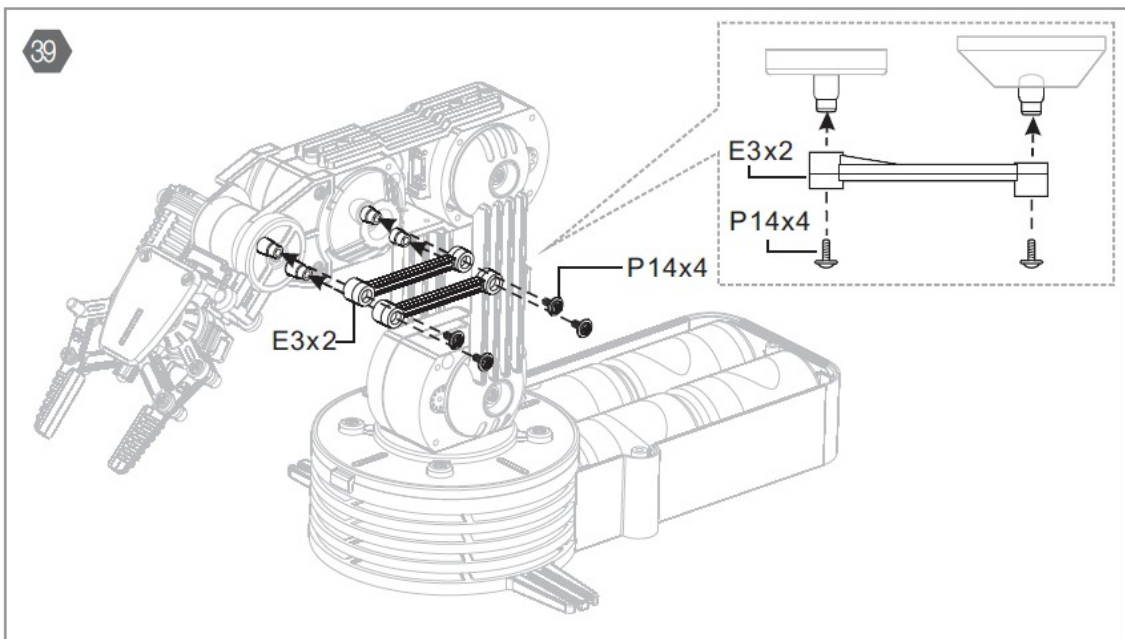
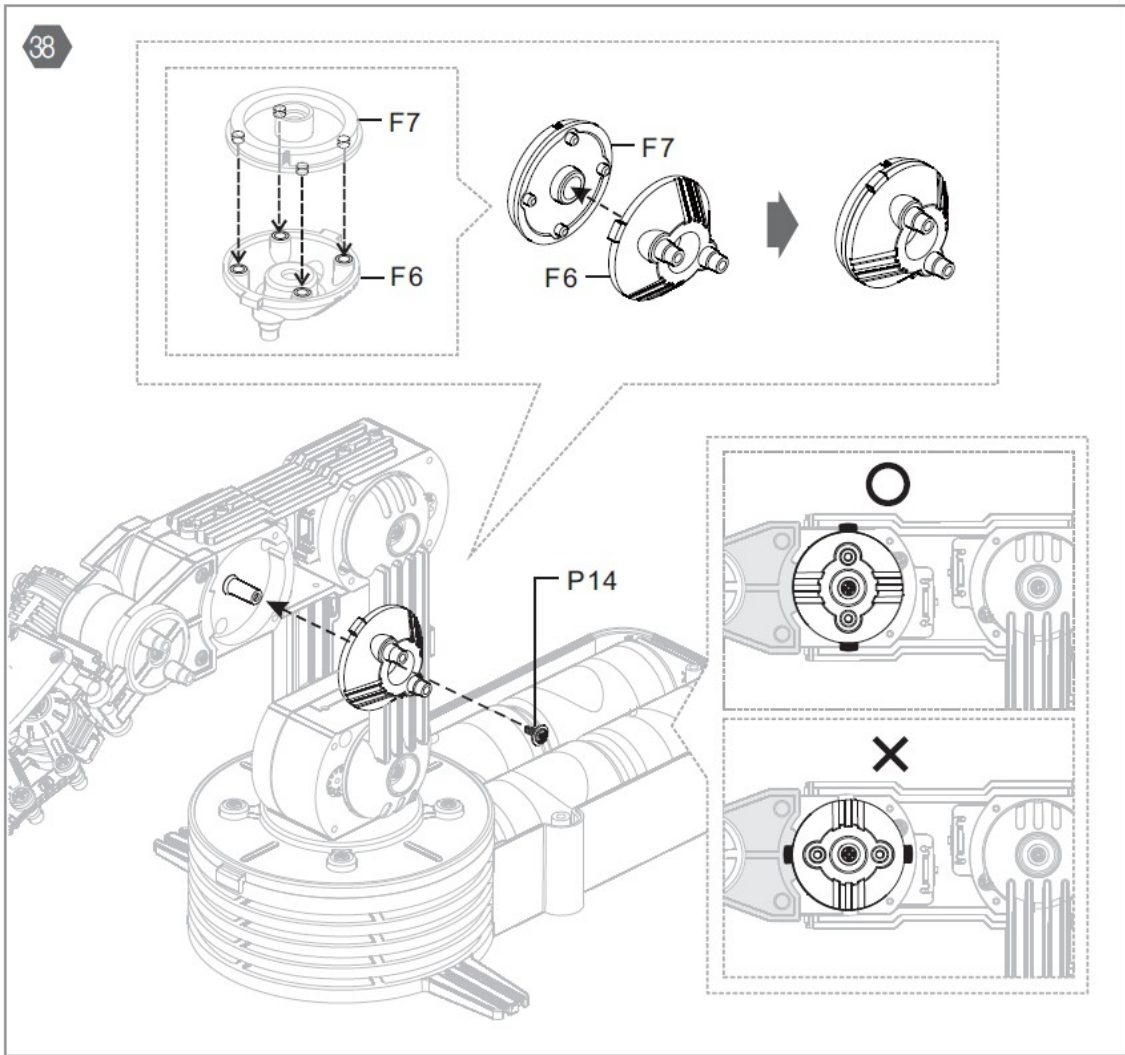


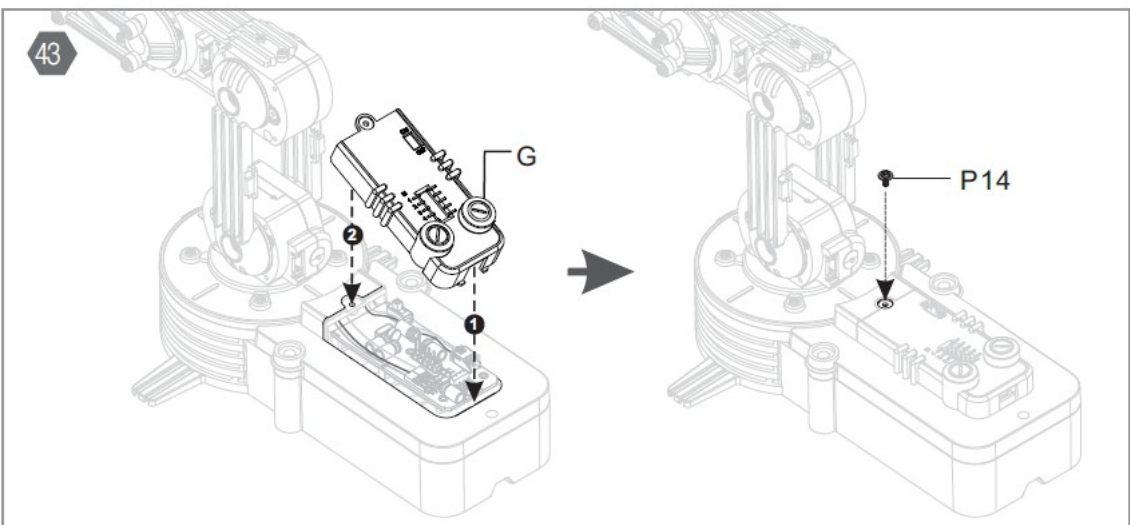
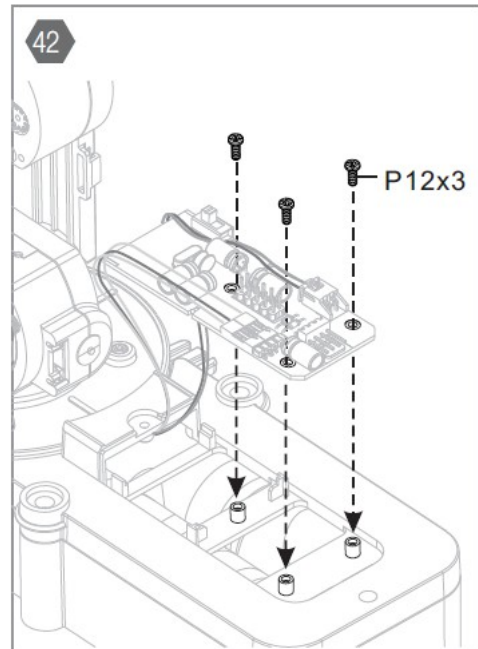
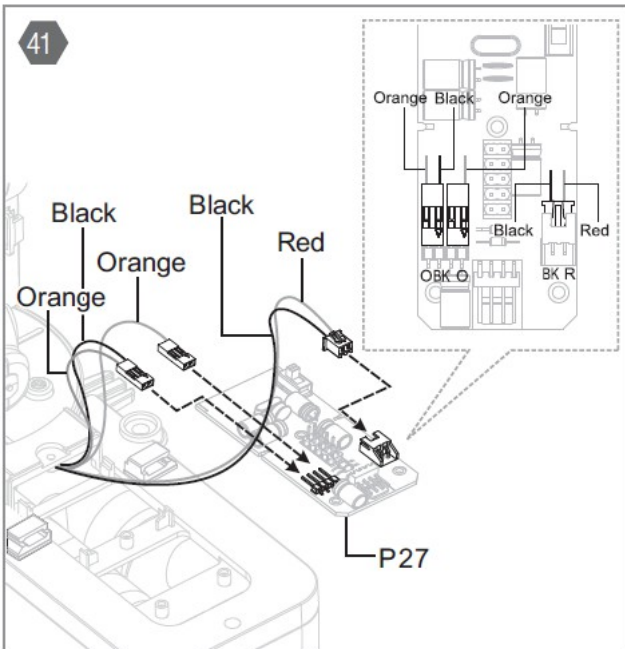
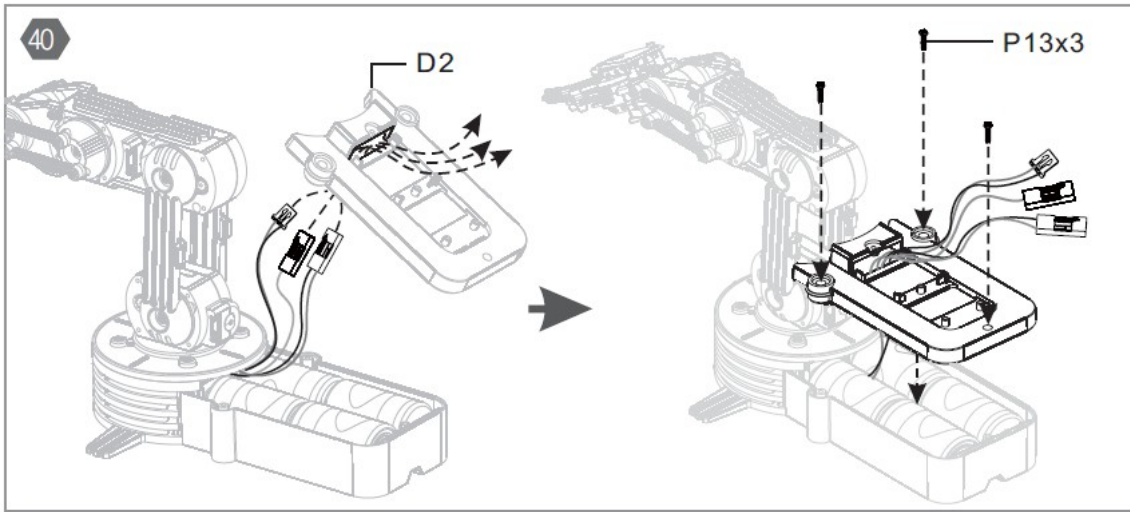




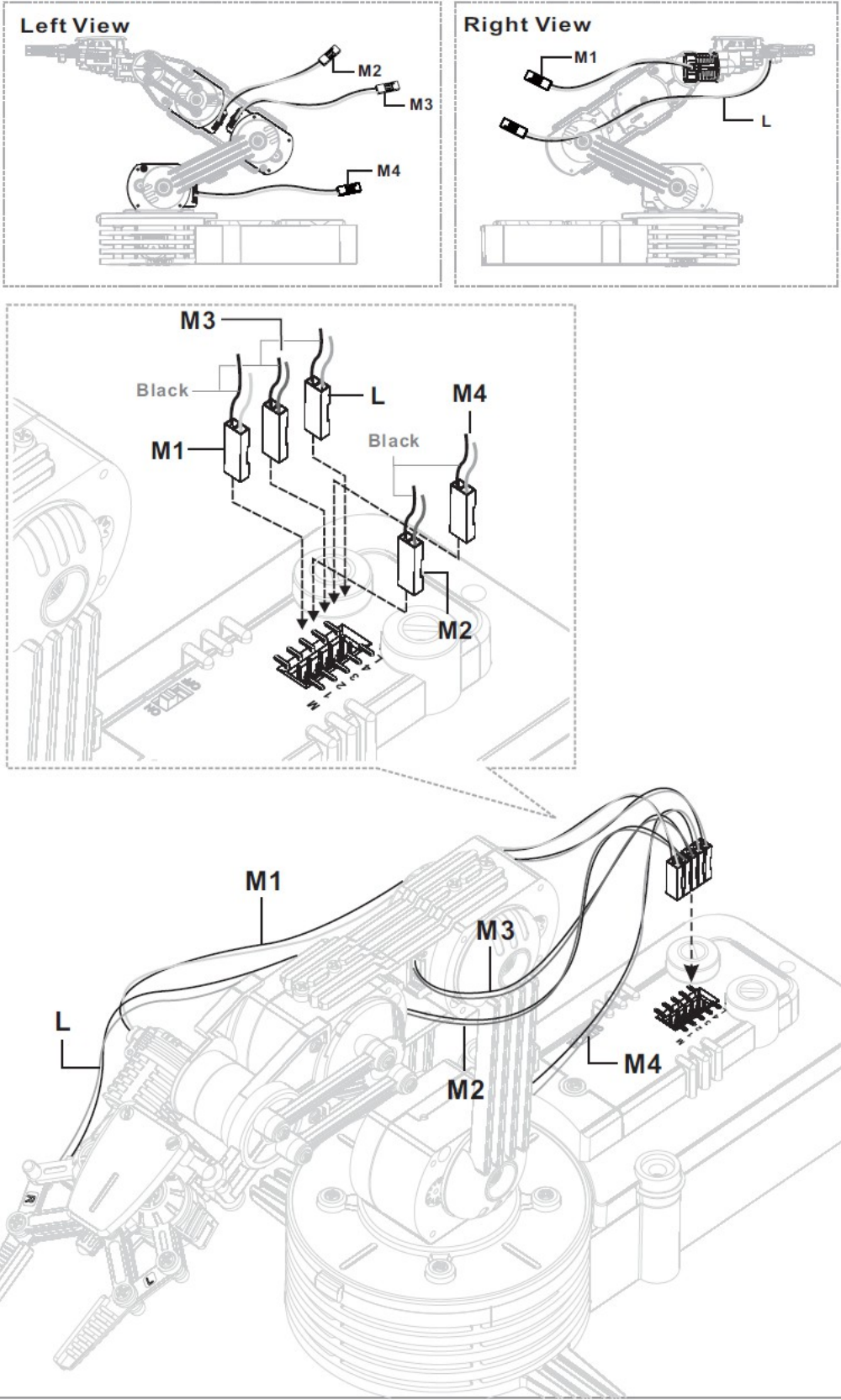


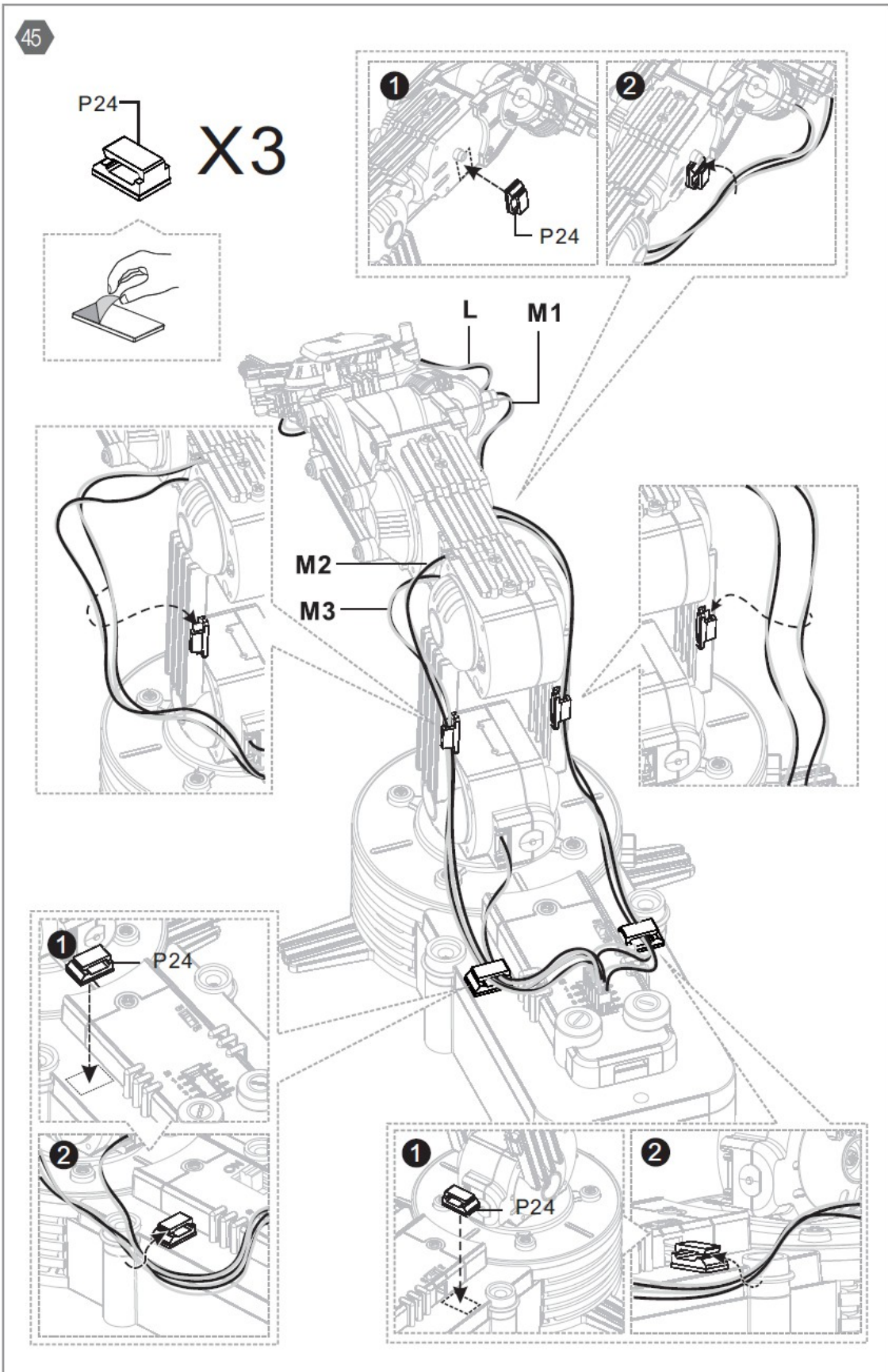


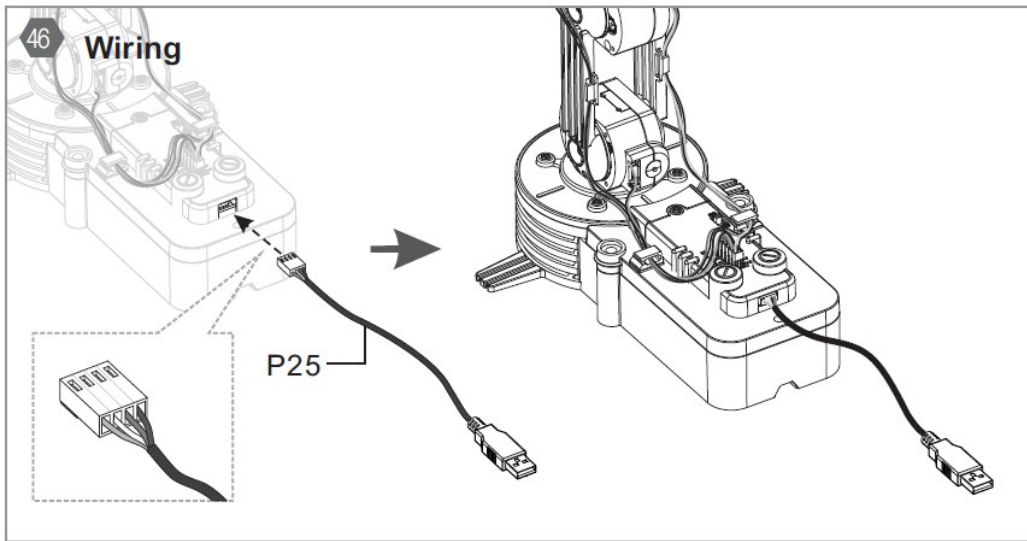




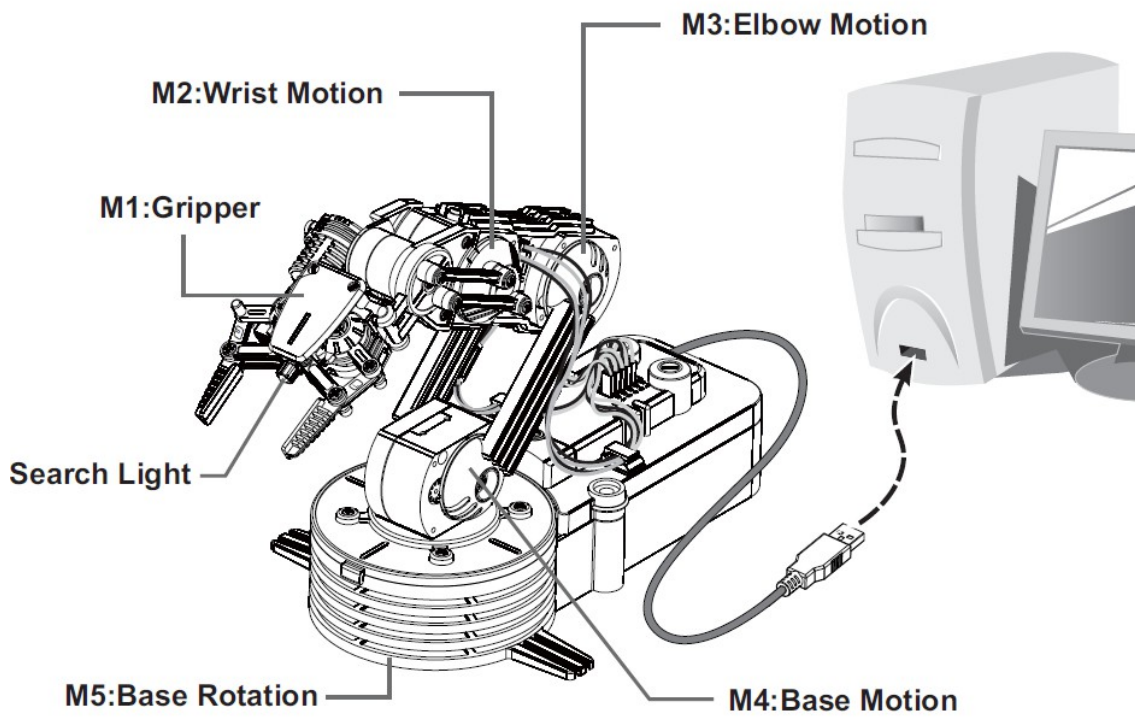
44 Wiring



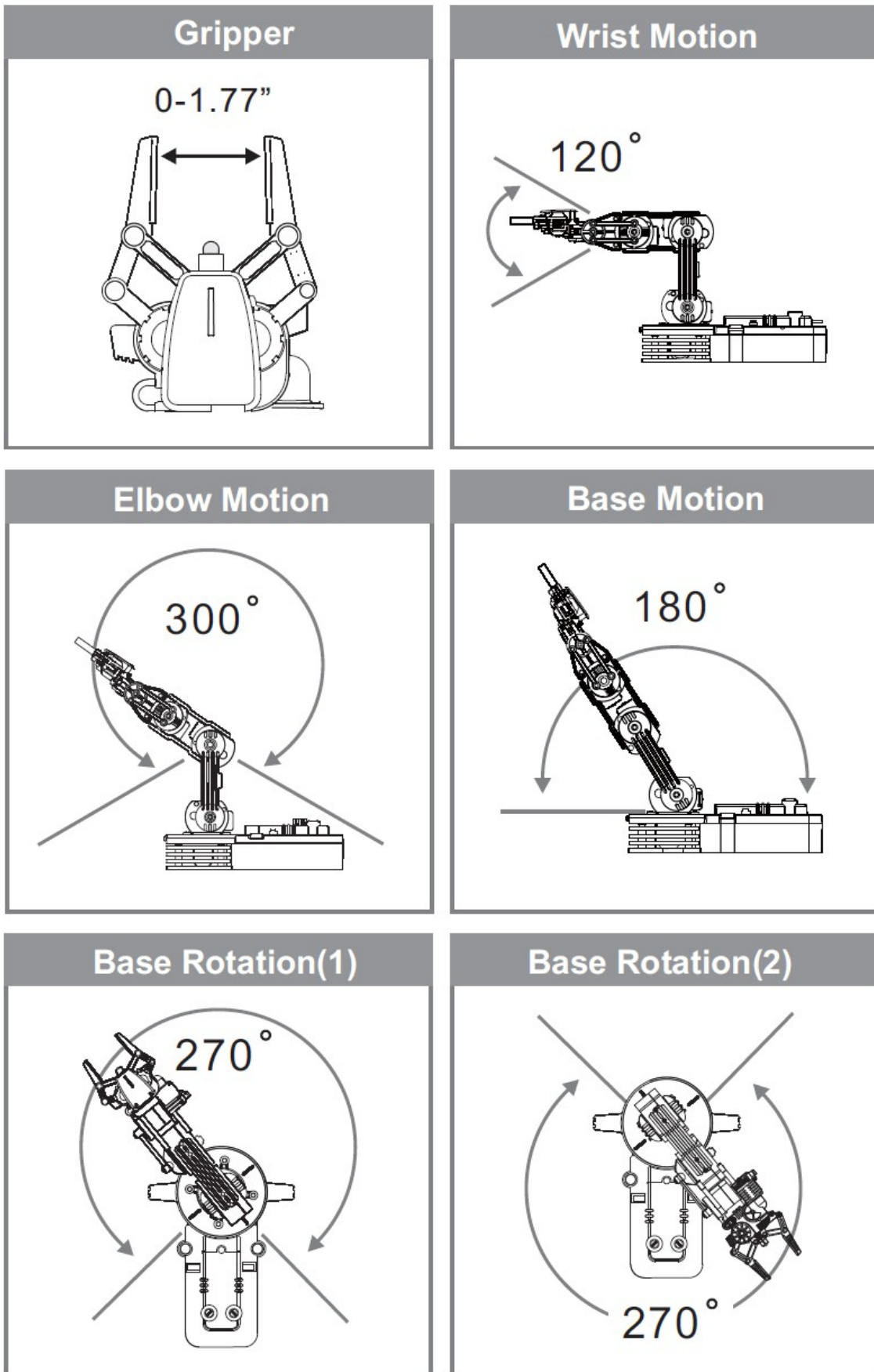


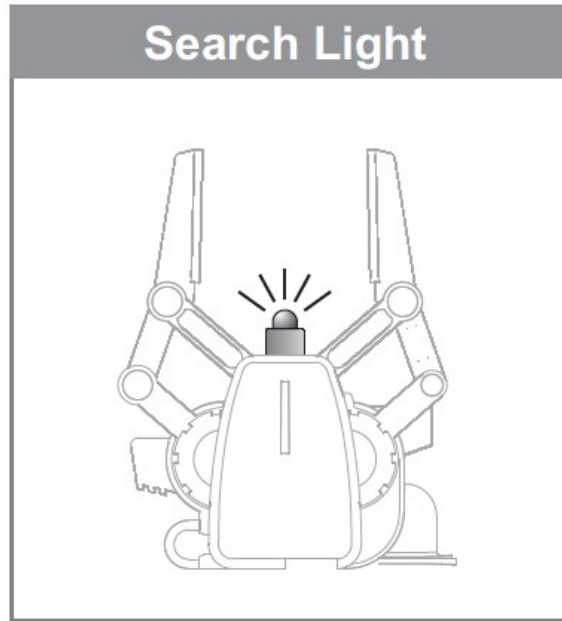


47 Finished Product



Working area :





Trouble shooting :

- 1 - Ensure all wirings are correct. (Please refer 41 – 44, on page 23 and 24) .
- 2 - If the Robotic ARM does not have any response to the wired controller, please check inf the “BATTERY” and “GND” connectors are in righ position, and also if the batteries are placed in correct polarity. (Please refer 19 on page 13)
- 3 - If the Robotic ARM moves wrong direction, please check if wiring of M1, M2, M3, M4, M are reversed. (please refer 41 – 44, on page 23 and 24).
- 4 - If the searchlight does not light, please check if the “L” connector is correct. (Please refer 41 – 44, on page 23 and 24).

How it works :

* See operation details from the enclosed CD-R

- Note :**
- 1 - All the gearboxes equipped with safety gear, when the arm open, close, up or lower to the maximum position, and user keeps pushing the buttons, the safety gear will start to protect the gearbox and make “da, da, da...” sound .
 - 2 – To extend the life of gearbox, telease the bottons once you hear the safety gear emit “da, da, da” sound.

NOTE: This kit is recommended for children from 12 years if accompanied by an adult



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