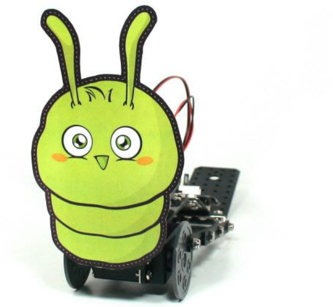
Let's learn about Animalbot

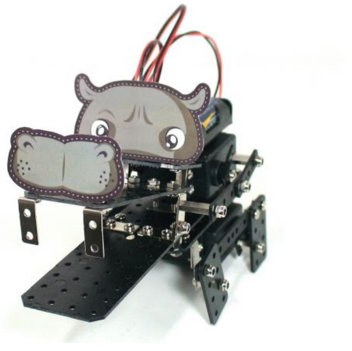
This is the product that can be transformed into different shapes of animals. It is so easy that even beginners can enjoy. The product can easily be assembled with accessories, like bolts and nuts, and do not require any professional tools or skills.

Animalbot uses the bilateral-axle DC motor, which made it possible to walk.
Be the first one to find out how to move the legs and decorate its face with animal stickers!

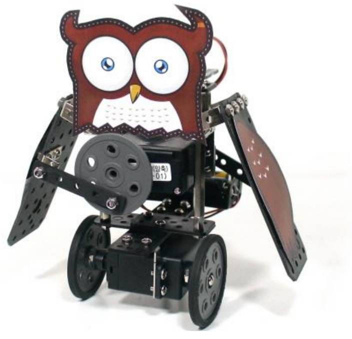


Caterpillar Bot

Dinosaur Bot

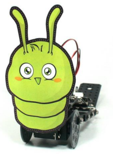


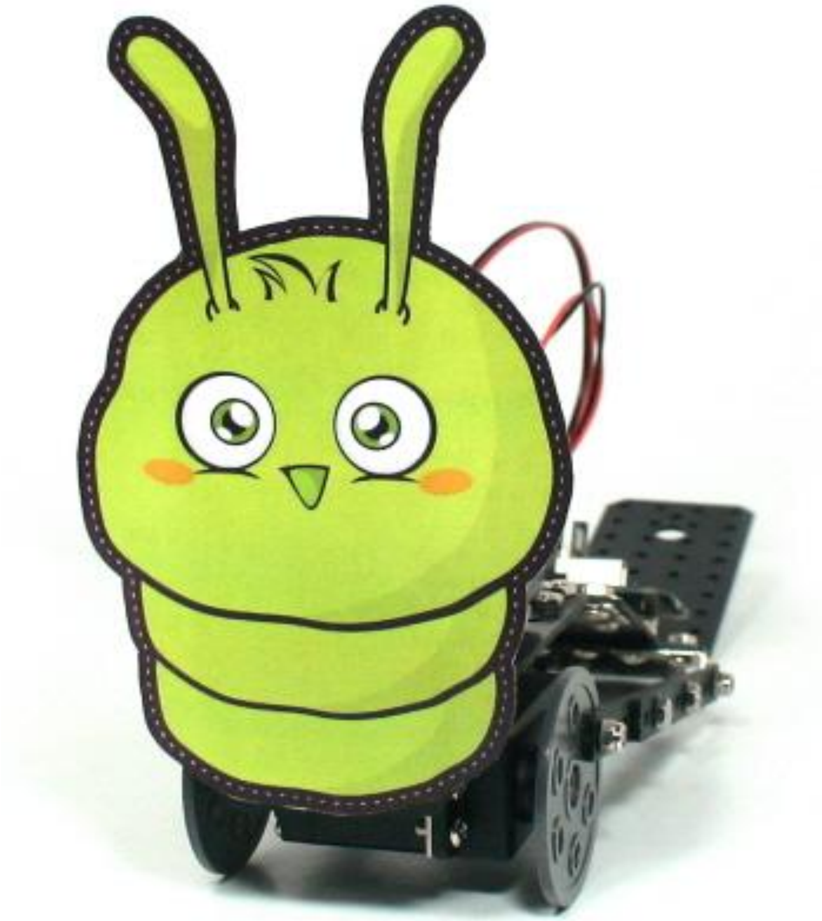
HippoBot



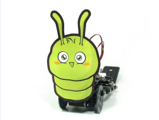
Owl Bot

Caterpillar Bot

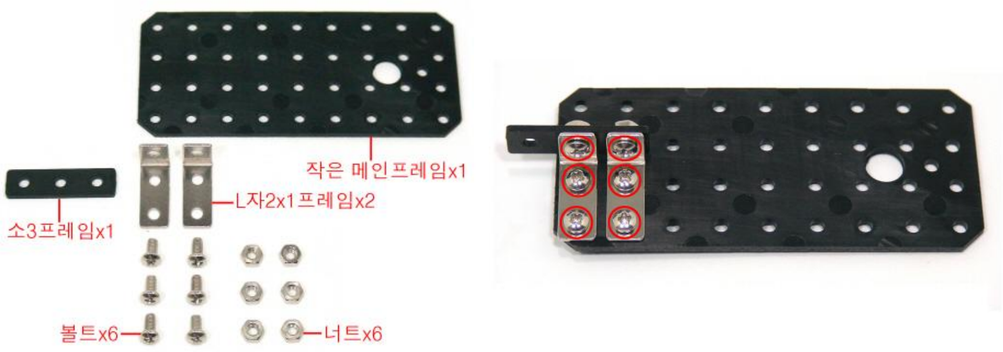




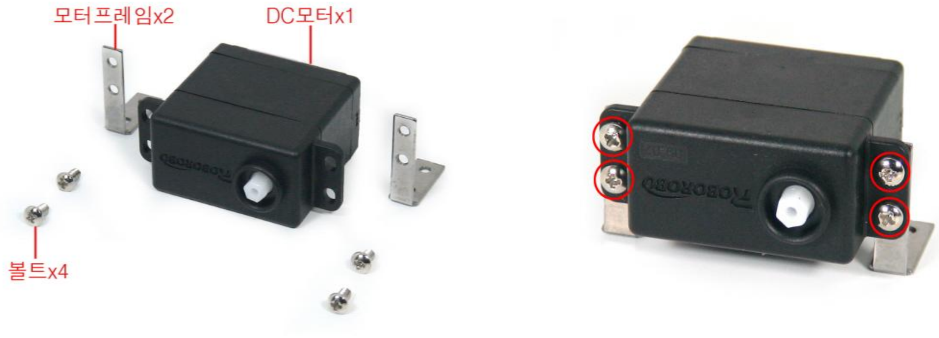
Caterpillar Bot is a robot that moves with rotates the frame which is connected the wheel guide to axle Observing the principle of caterpillar bot’s shrinking and moving forward, try the running race



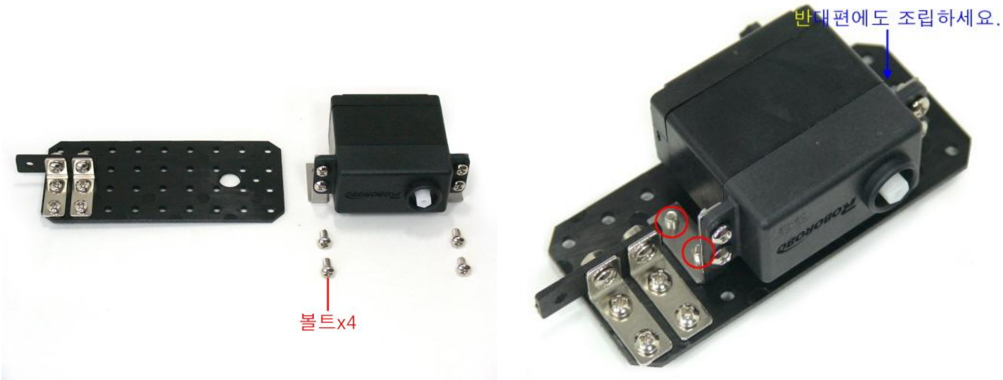
Caterpillar Bot


작은 메인프레임x1
L자2x1프레임x2
소3프레임x1
볼트x6
너트x6

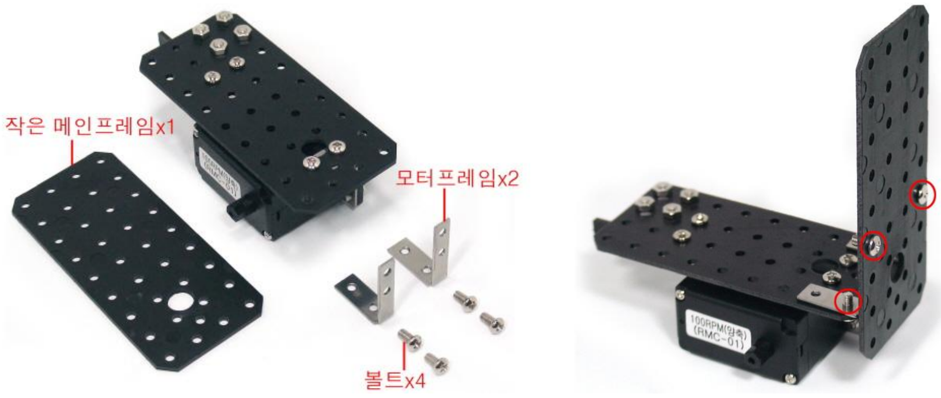
1. connect the 3 hole frame and the L-2x1 frame with nuts and bolts, and put the L-2x1 frame on the small main frame and fix them with nuts and bolts


모터프레임x2
DC모터x1
볼트x4

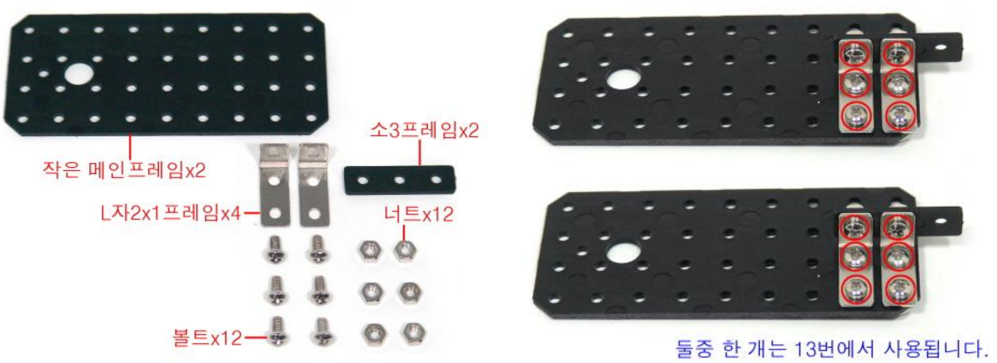
2. Fix the DC Motor and the Motor frame with bolts.


반대편에도 조립하세요.
볼트x4

3. Put the DC motor on the small main frame and fix the motor frame which fixed to the DC motor by using only bolts

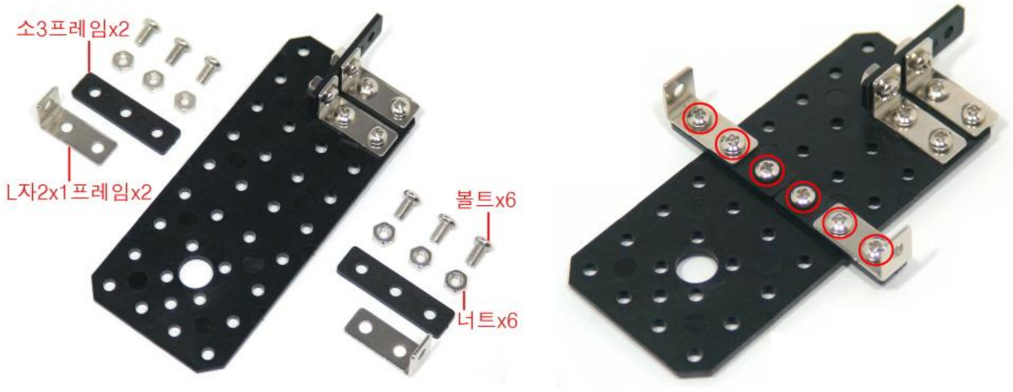

작은 메인프레임x1
모터프레임x2
볼트x4
100RPM(양축)
(RMC-01)

4. Prepare a small main frame and fix to the small main frame which connected to DC motor with motor frame to create a head

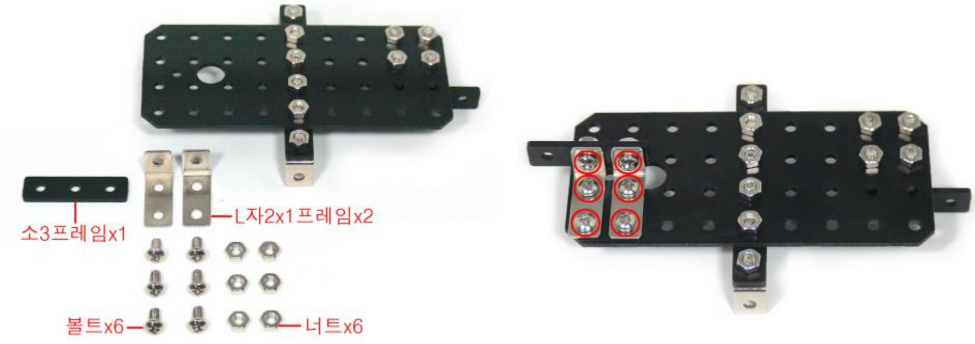

작은 메인프레임x2
소3프레임x2
L자2x1프레임x4
너트x12
볼트x12

둘중 한 개는 13번에서 사용됩니다.

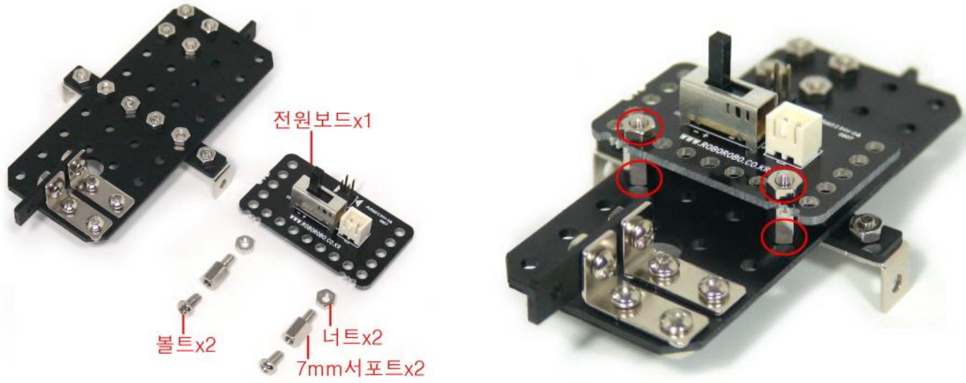
5. Fix the 3 hole frame and the L-2x1 frame with nuts and bolts and put the L-2x1 frame on the small main frame and fix them with nuts and bolts


소3프레임x2
L자2x1프레임x2
볼트x6
너트x6

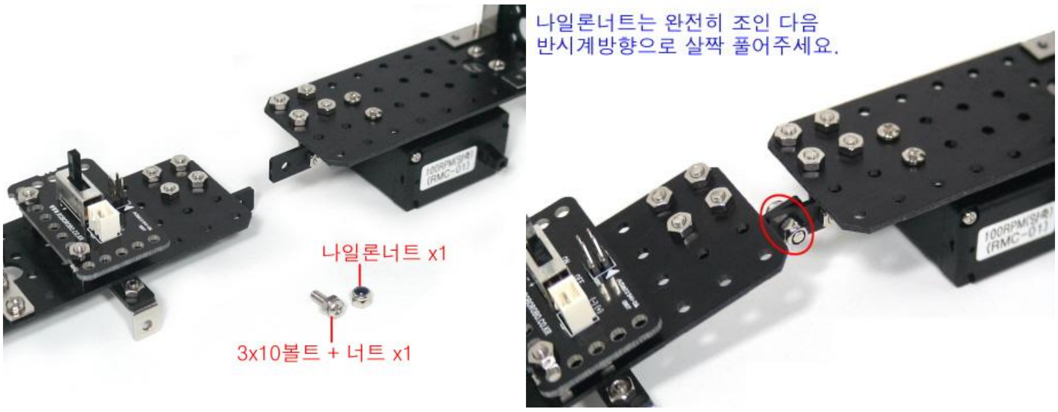
6. Put the L-2x1 frame superimposed to 3 hole frame and fix to the small main frame with nuts and bolts


소3프레임x1
L자2x1프레임x2
볼트x6
너트x6

7. Fix the 3 hole frame and the L-2x1 frame with nuts and bolts and put the L-2x1 frame on the small main frame and fix them with nuts and bolts

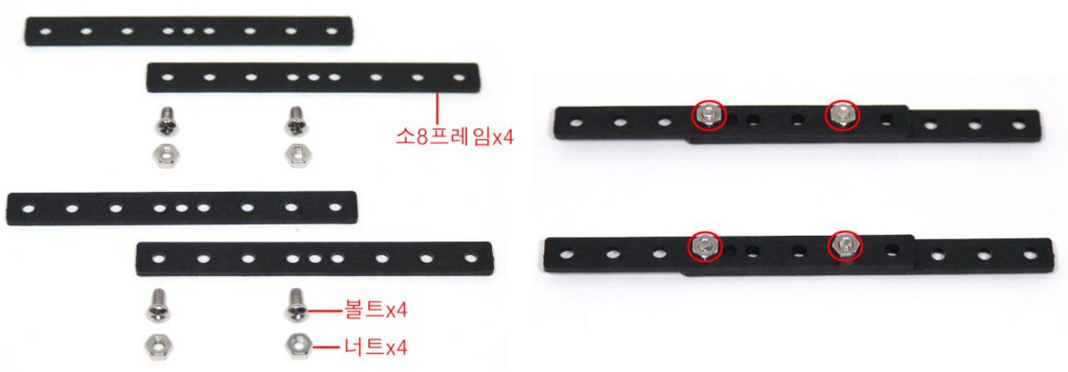

전원보드x1
볼트x2
너트x2
7mm서포트x2

8. Place into the power board and fix them with nuts to create a body

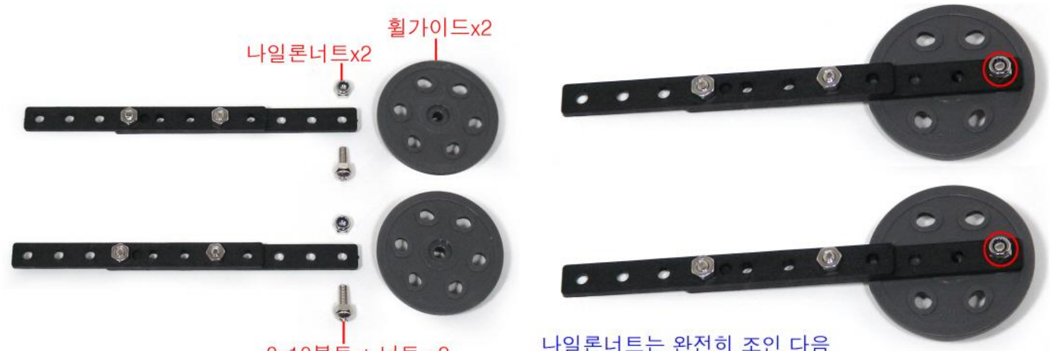

나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

나일론너트 x1
3x10볼트 + 너트 x1

9. Fix the 3hole frame of the head which created in step 4 and 3hole frame of the body which created in step 8 with 3x10 nuts that inserted nut and nylon nuts

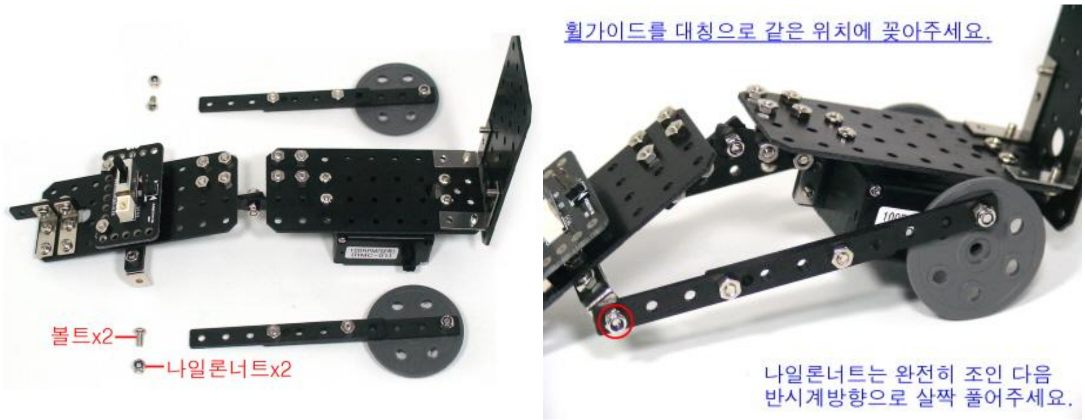

소8프레임x4
볼트x4
너트x4

10. Connects 8 hole frames with bolts and nuts per each two


휠가이드x2
나일론너트x2
3x10볼트 + 너트 x2

나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

11. Put the 8 hole frame on the wheelguide which created in step10 and fix with the nylon nut after Inserting the nut in 3x10 bolts


휠가이드를 대칭으로 같은 위치에 꽂아주세요.

볼트x2
나일론너트x2

나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

12. Fit the wheel guide into the DC motor axle and fix the 8hole frame to L-2x1 frame which connected to the body part with bolts and nylon nut

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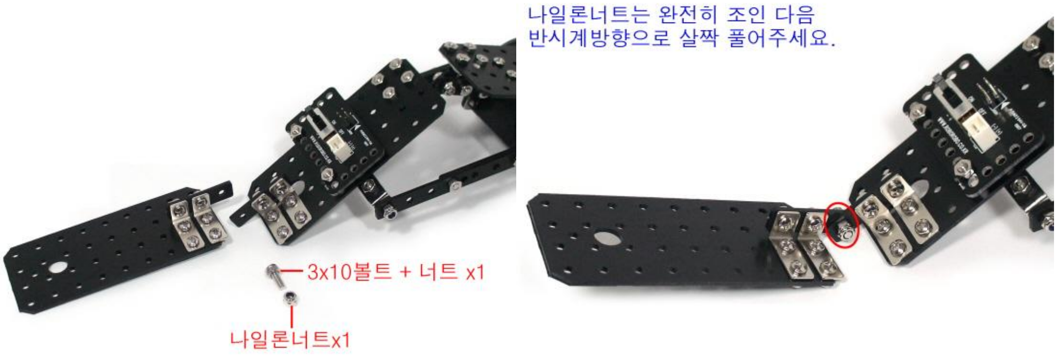
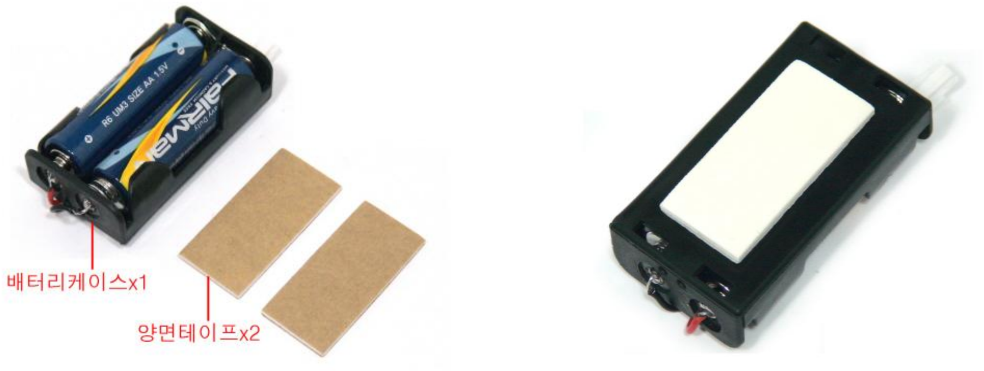


나일론너트는 완전히 조인 다음 반시계방향으로 살짝 풀어주세요.

3x10볼트 + 너트 x1
나일론너트x1

13. Fix the 3 hole frame of body part and the 3 hole frame fixed to the small main frame which created in step 5 with 3x10 bolts which inserted nut and nylon nut



배터리케이스x1
양면테이프x2

14. Overlapping the two double-sided tape and glue it to the battery case

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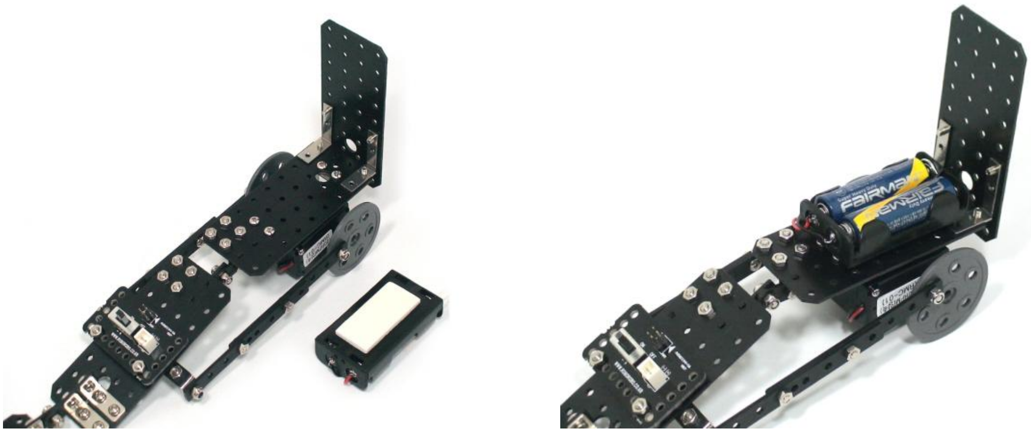
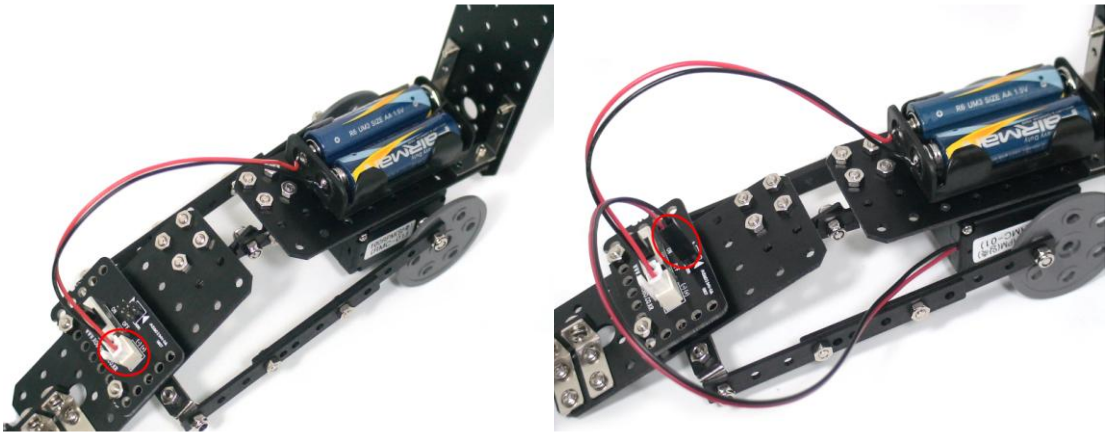
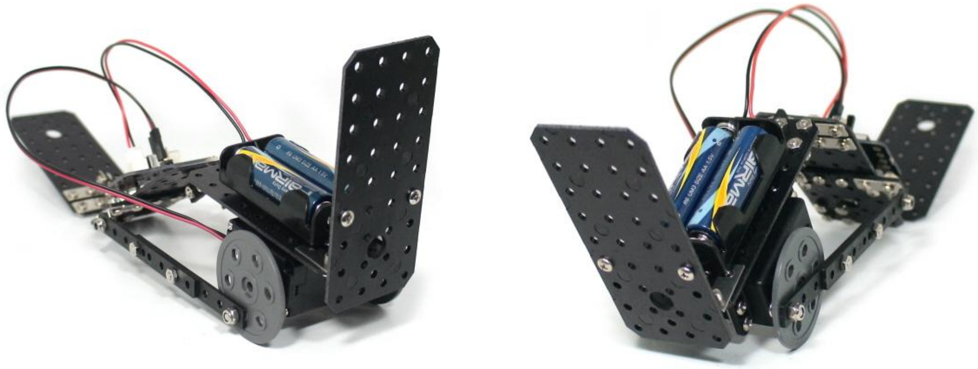


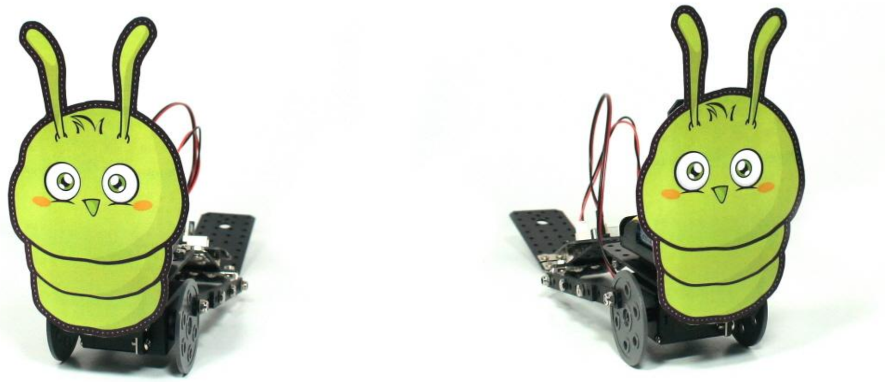
15. Glue a battery case to the small main frame



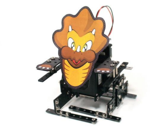
16. Plug the power cable of the battery case into the power board. The black line of the DC motor cable should be lined up with white triangle mark(△).



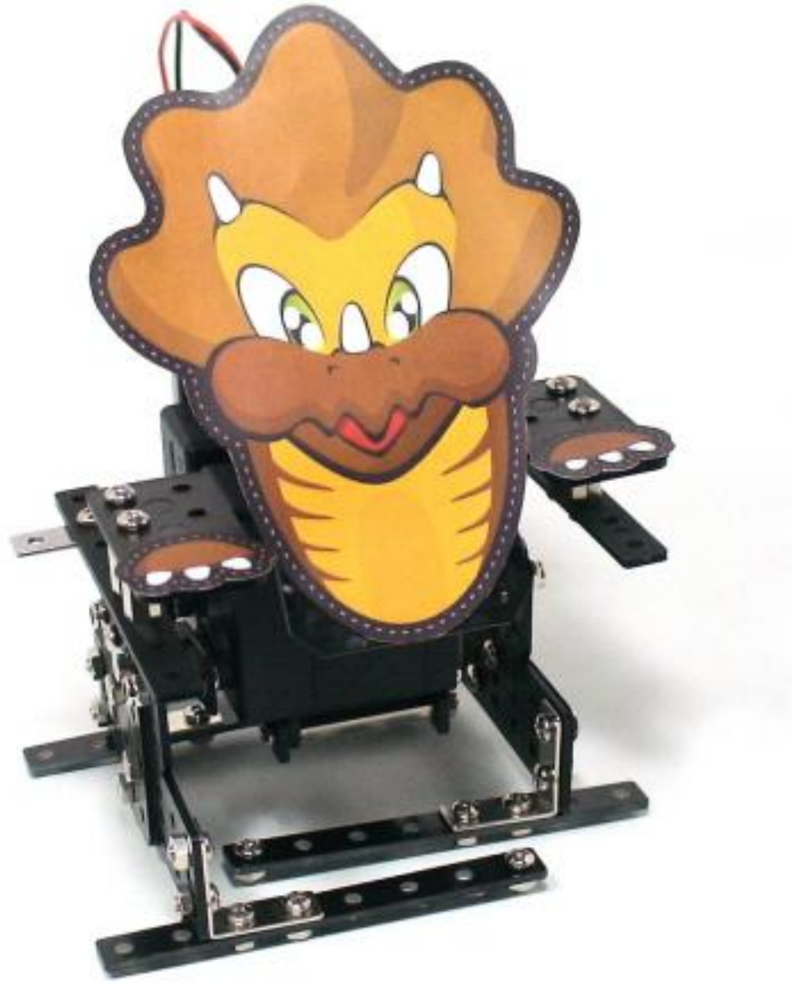
17. Here is your finished Caterpillar Bot!



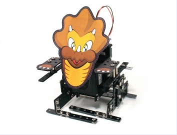
18. Let's decorate the Caterpillar Bot with stickers!



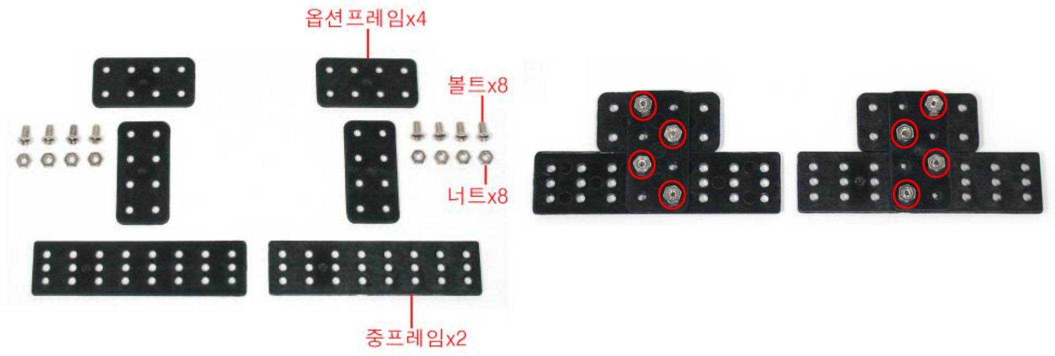
Dinosaur Bot



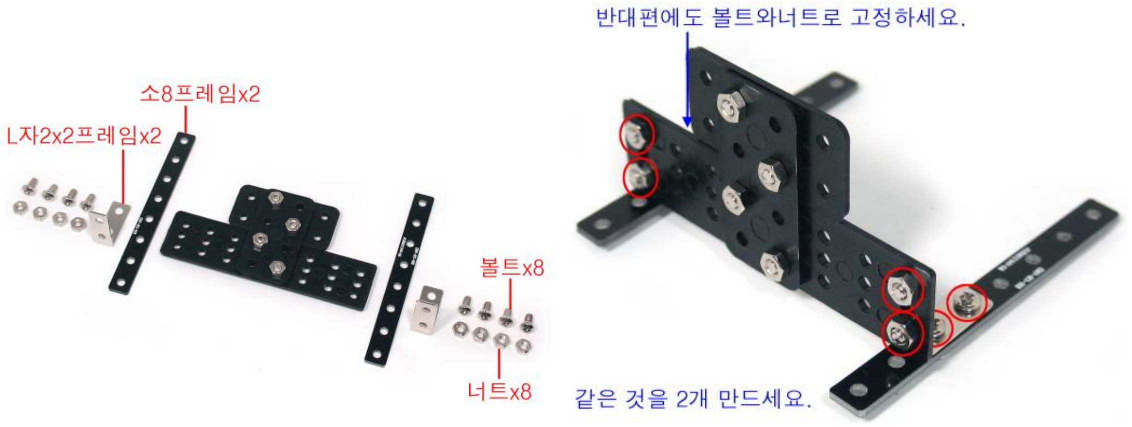
Dinosaur Bot is a robot that use two bilateral-axle DC motors. Let’s look at the pace of walking use the frame as a leg which connected to DC motor, think about the center of gravity.



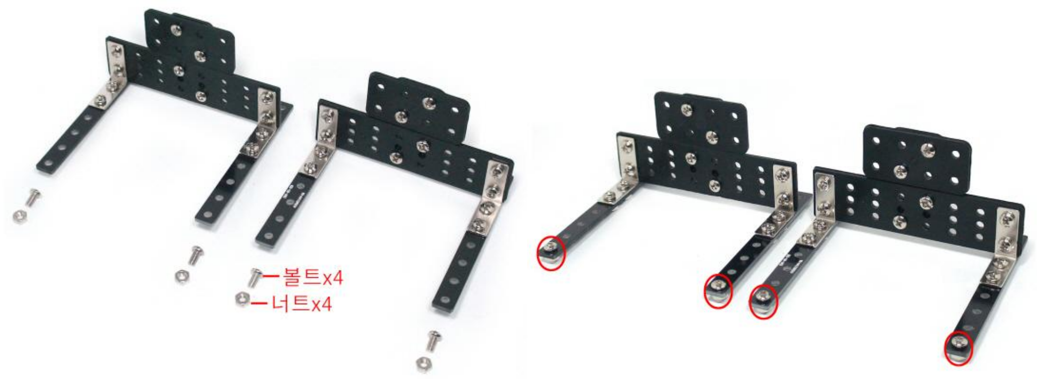
Dinosaur Bot


옵션프레임x4
볼트x8
너트x8
중프레임x2

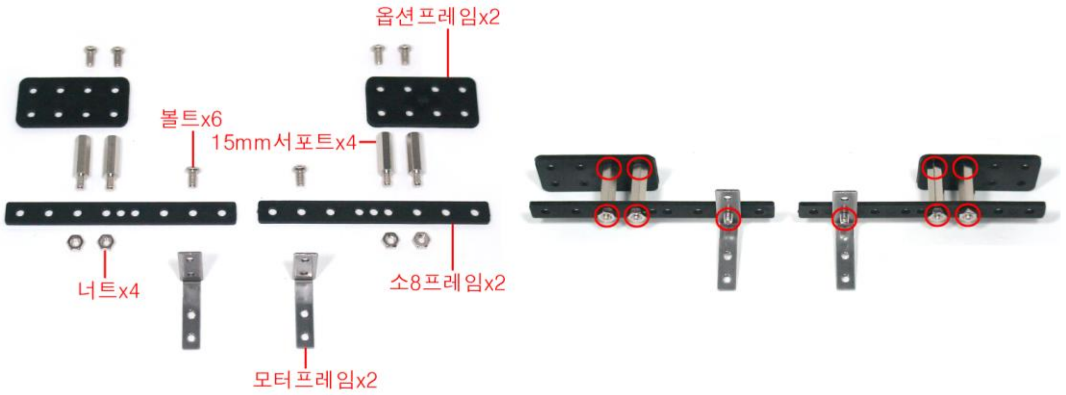
1. Fix the superimposed 2 oprtion frames with bolts and nuts and put them on the middle frame and fix with bolts and nuts


반대편에도 볼트와너트로 고정하세요.
소8프레임x2
L자2x2프레임x2
볼트x8
너트x8
같은 것을 2개 만드세요.

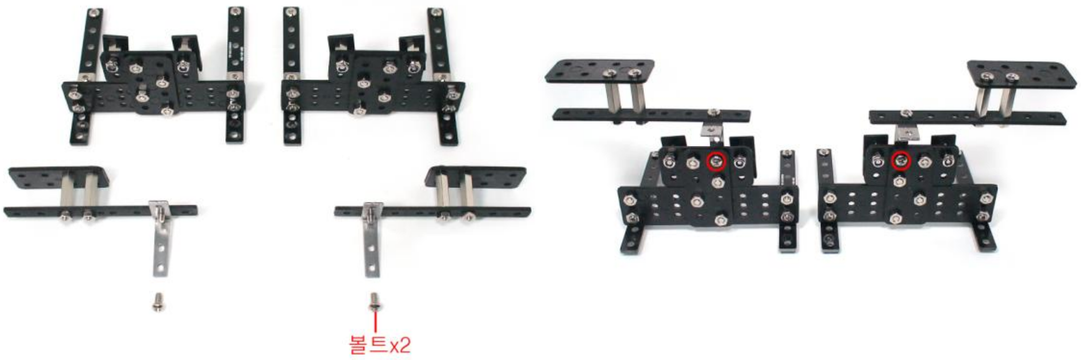
2. Fix the middle frame and 8 hole frame with bolts and nuts by using the L-2x2 frame



3. Insert the bolt to 8 hole frame and creates the legs by fix with nuts

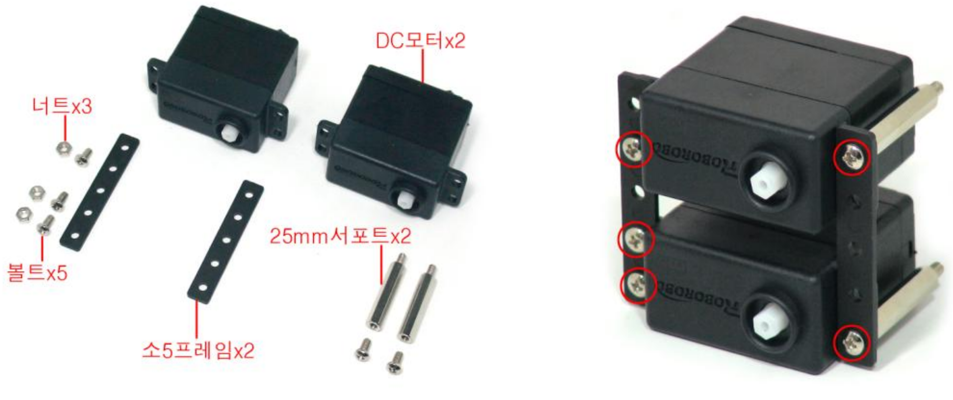

옵션프레임x2
볼트x6
15mm서포트x4
너트x4
소8프레임x2
모터프레임x2

4. Fix the 15mm support and motor frame to 8 hole frame and fix the option frame to 15mm support with bolts to create an arm

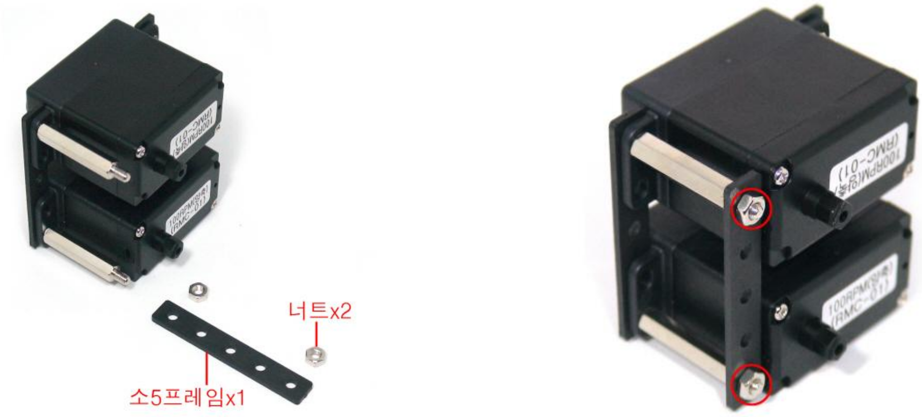


5. Fix the motor frame of arm part to option frame of leg part with bolts to connect the arms and legs

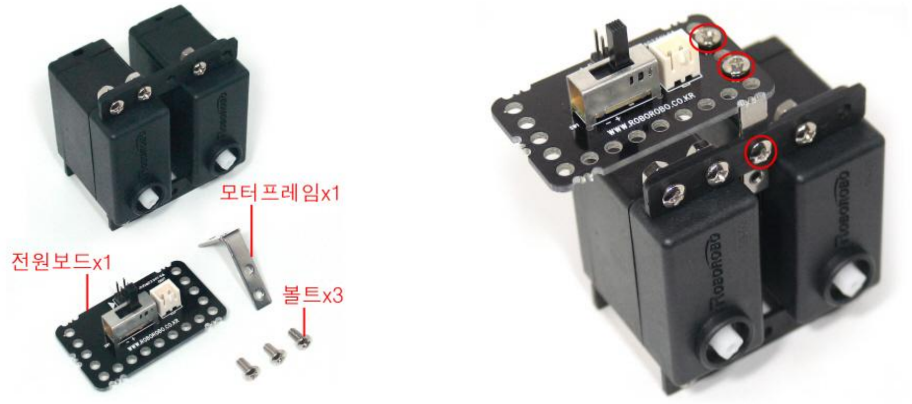
.


DC모터x2
너트x3
볼트x5
25mm서포트x2
소5프레임x2

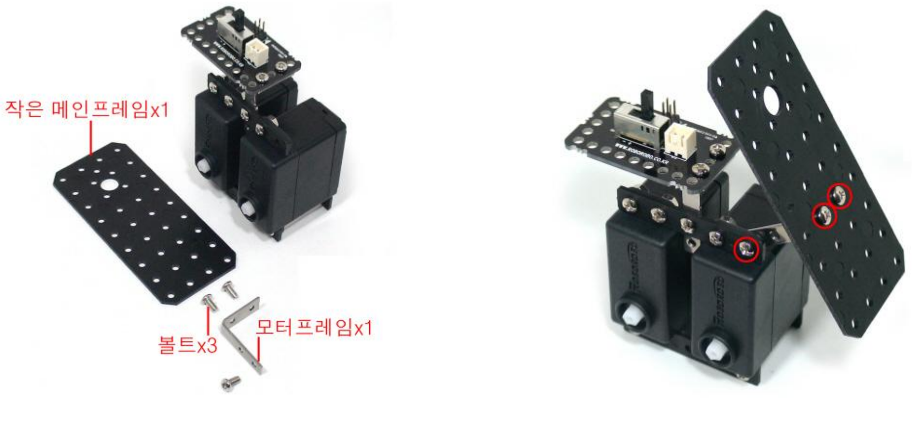
6. Fix the 5 hole frame to DC motor by using bolts and nuts and 25mm support


너트x2
소5프레임x1

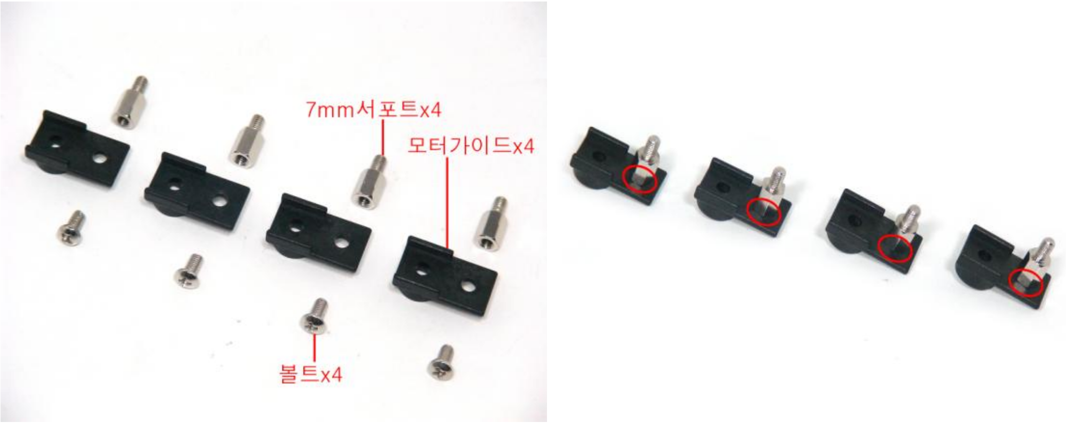
7 Fix the 5 hole frame to 25mm support by using nuts


모터프레임x1
전원보드x1
볼트x3

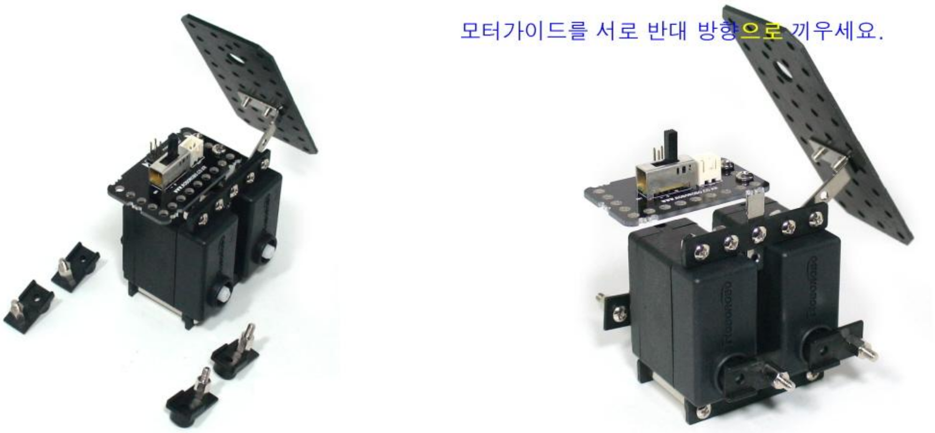
8. Fix the power board to motor frame and put the 5 hole frame on the motor frame which conneted DC motor and fix with bolts


작은 메인프레임x1
볼트x3
모터프레임x1

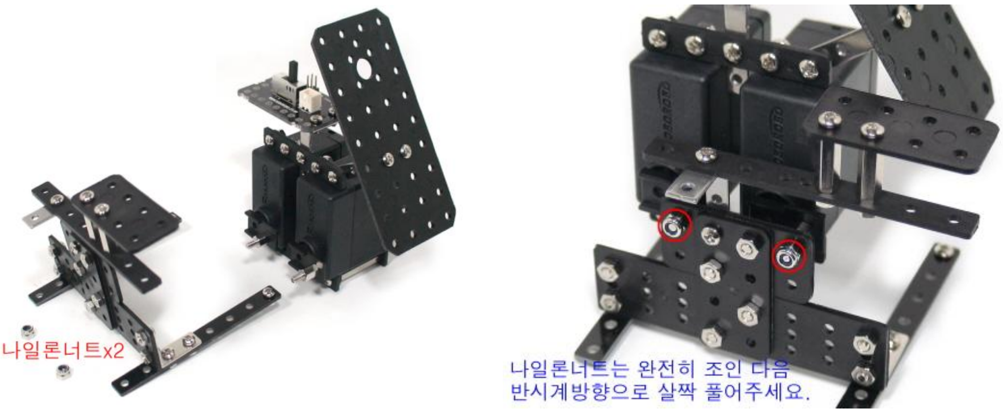
9. Fix the small main frame to motor frame and put the motor frame on the DC motor and fix with bolts


7mm서포트x4
모터가이드x4
볼트x4

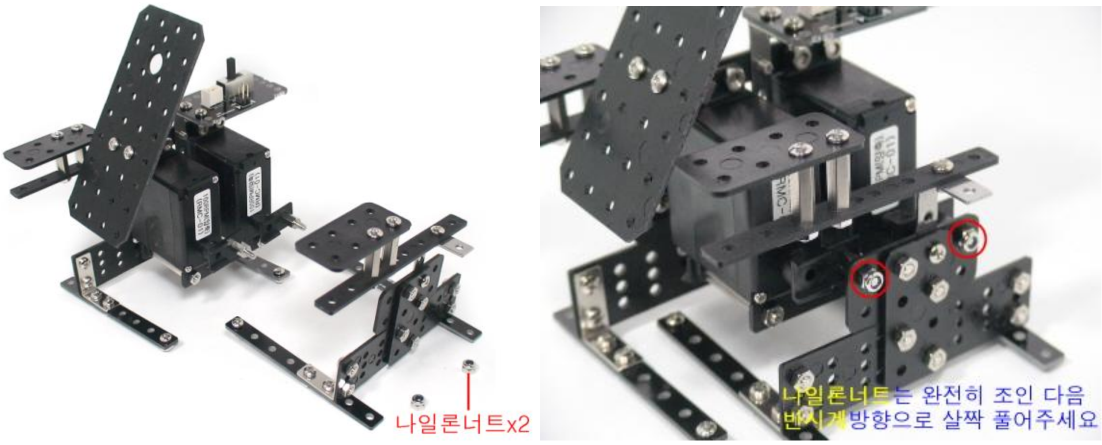
10. Fix the 7mm support to motor guide with bolts


모터가이드를 서로 반대 방향으로 끼우세요.

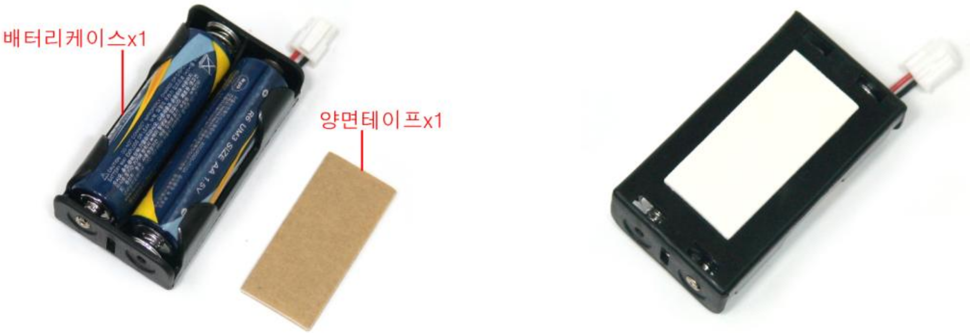
11. Insert the motor guide to DC motor axle. In this case, inserting the motor guide in opposite directions


나일론너트x2
나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

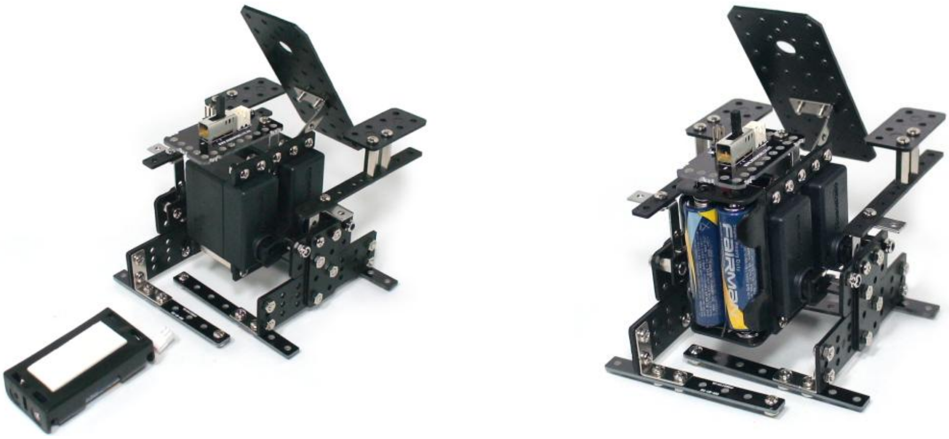
12. Fix the support which conneted to motor guide and option frame of leg part with nylon nut


나일론너트x2
나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요

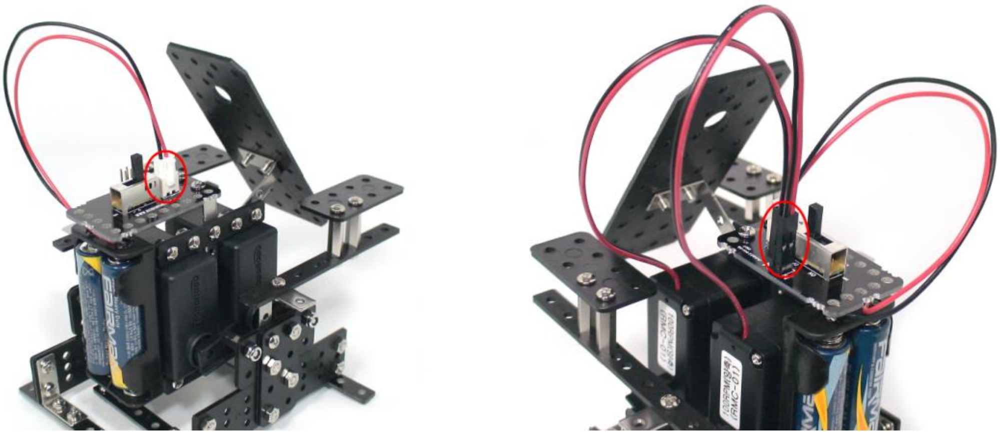
13. Fix the support which conneted to motor guide and option frame of leg part with nylon nut


배터리케이스x1
양면테이프x1

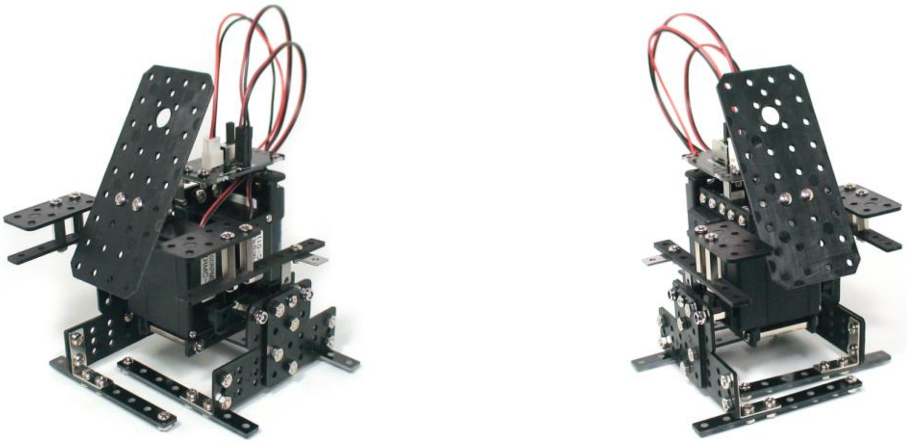
14. Overlapping the two double-sided tape and glue it to the battery case



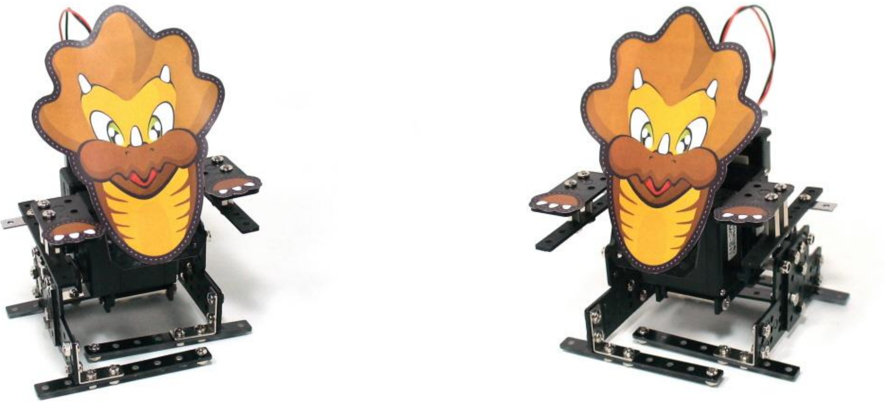
15. Glue a battery case to the DC motor



16. Plug the power cable of the battery case into the power board. The black line of the DC motor cable should be lined up with white triangle mark(△).

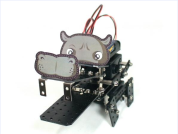


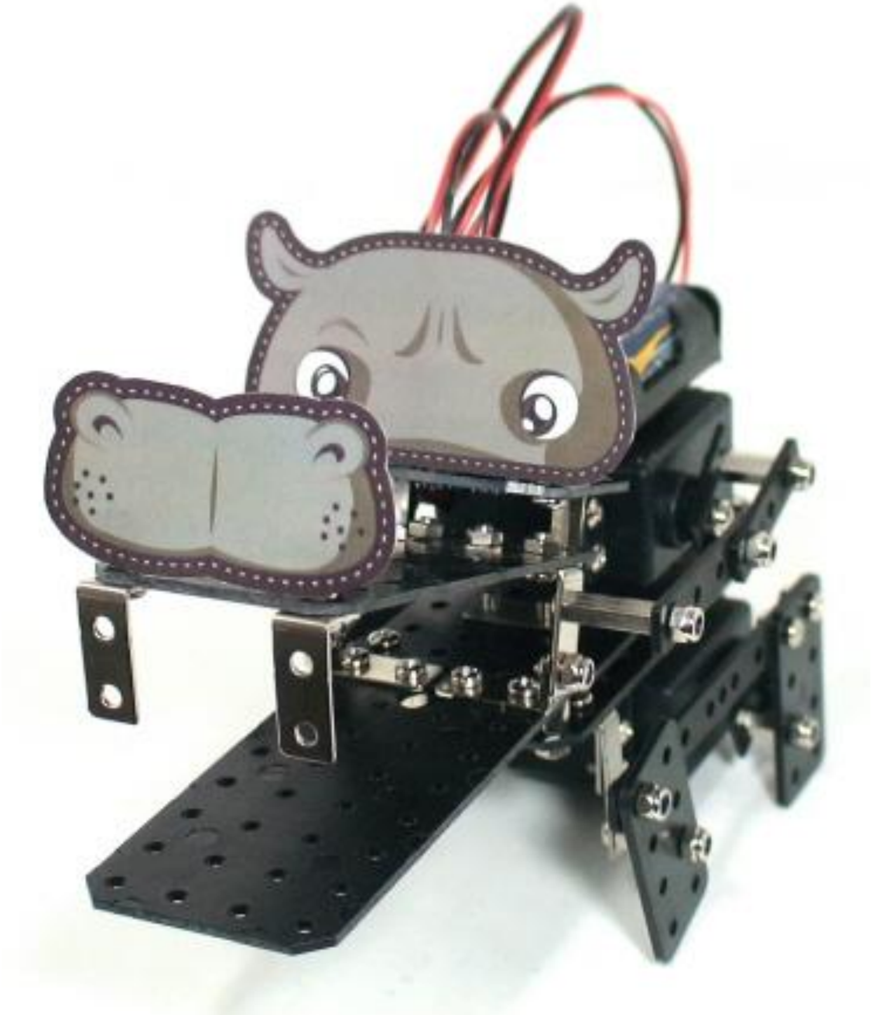
17. Here is your finished Dinosaur Bot!



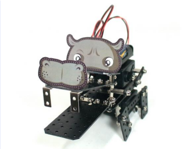
18. Let's decorate the Dinosaur Bot with stickers!

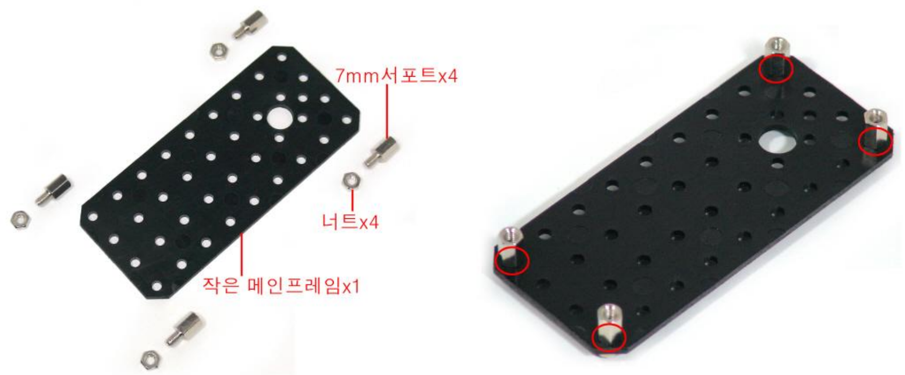
Hippo Bot



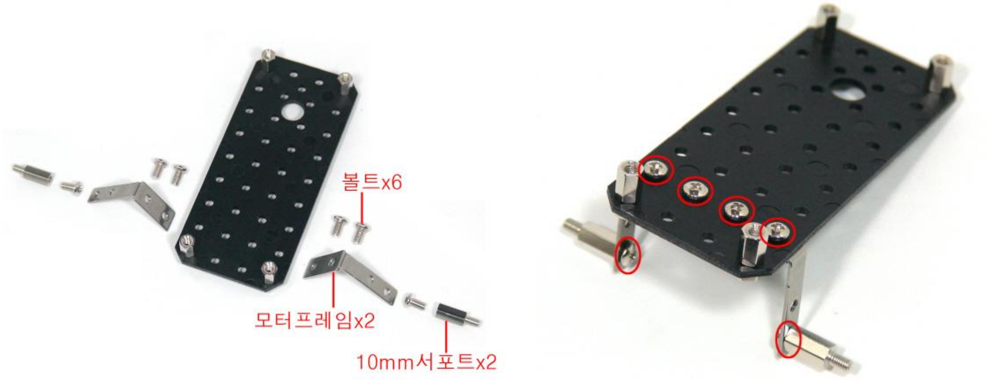


HippoBot is a robot that use two bilateral-axle DC motors. Let's see how to open and close a hippopotamus' mouth and how to connect each frame, and tries pushing out of the ring game.

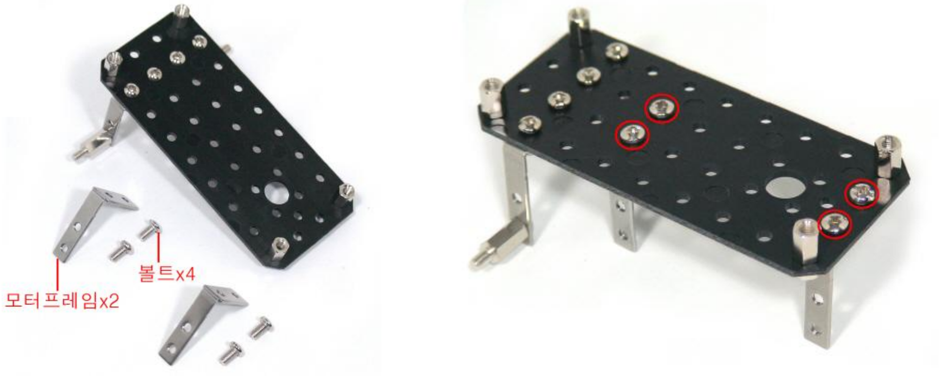



7mm서포트x4
너트x4
작은 메인프레임x1

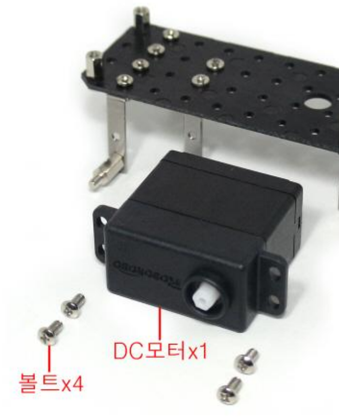
1. Fix the 7mm Supports on the small Main frame with nuts.

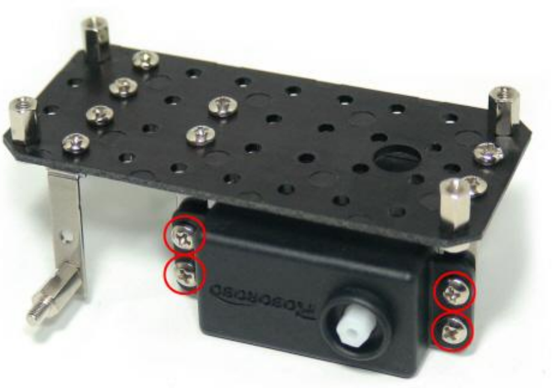

볼트x6
모터프레임x2
10mm서포트x2

2. Tighten the Motor frames on the small Main frame with only bolts and the 10mm Support on the Motor frames with only bolts.

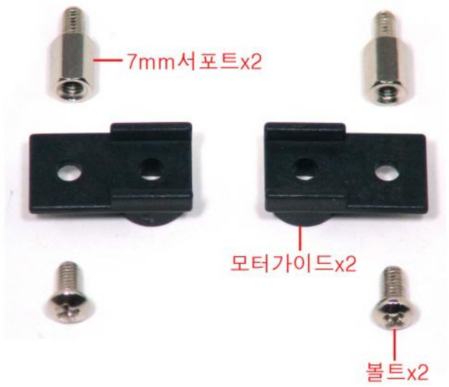

볼트x4
모터프레임x2

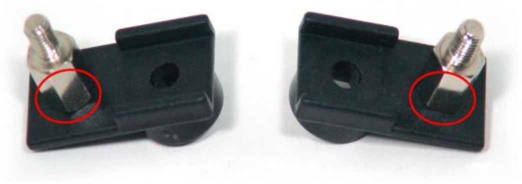
3. Tighten the Motor frames on the small main frame with only bolts.


DC모터x1
볼트x4

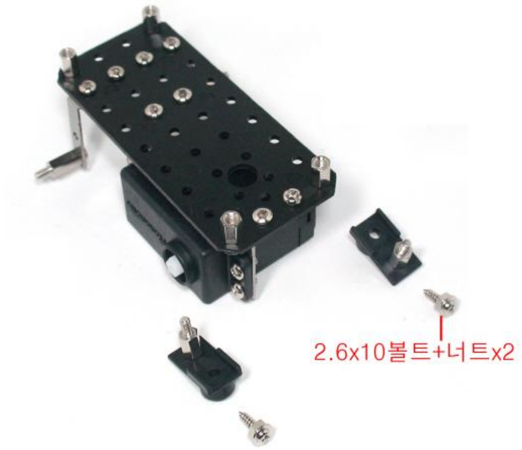


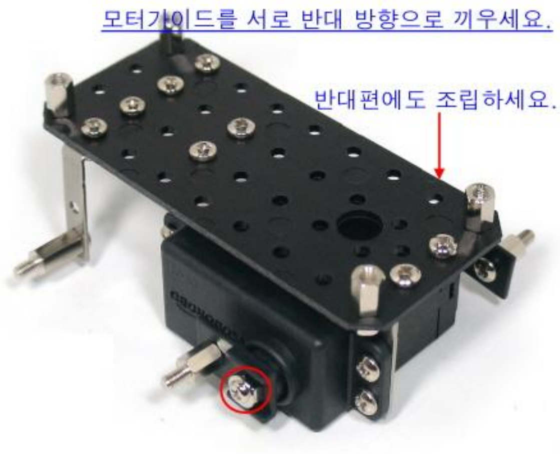
4. Fix the DC Motor on the Motor Frame with only bolts.


7mm서포트x2
모터가이드x2
볼트x2



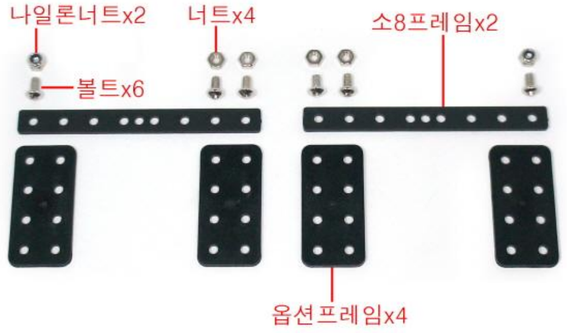
5. Tighten the 7mm Supports on the Motor Guides by bolts.

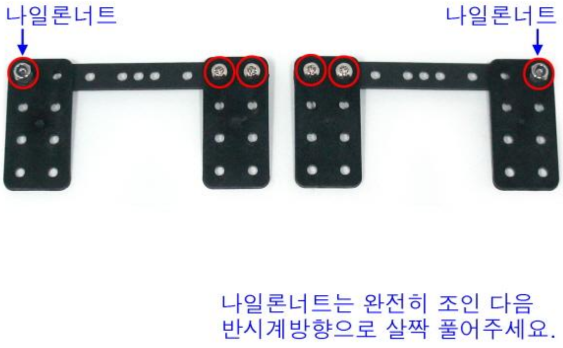

2.6x10볼트+너트x2


모터가이드를 서로 반대 방향으로 끼우세요.

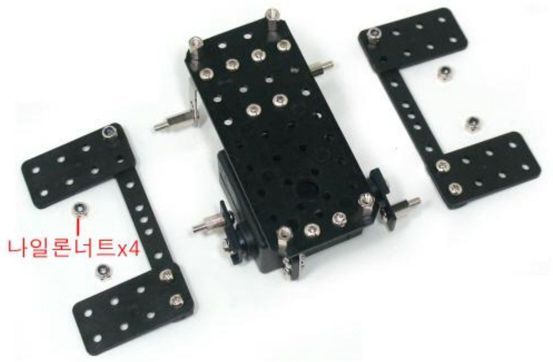
반대편에도 조립하세요.

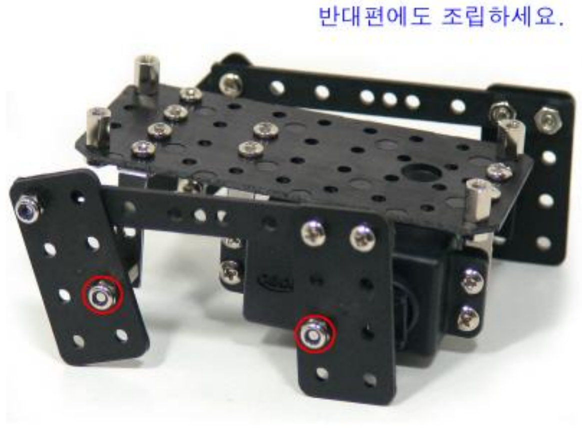
6. Put the Motor Guide into the DC Motor axle and fix them by the 2.6x10 bolts and nuts. At this time, the direction of the both Motor guide should be opposite each other.


나일론너트x2
너트x4
소8프레임x2
볼트x6
옵션프레임x4

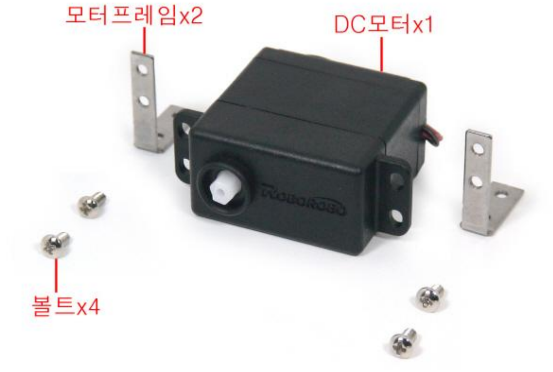

나일론너트
나일론너트
나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

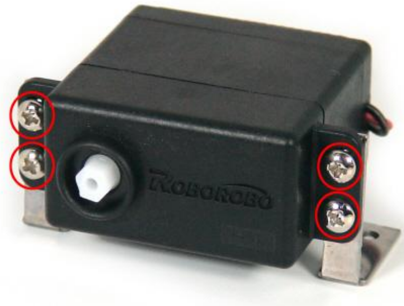
7. Make hippopotamus's legs by fixing the Option frames and the 8-holes-frames by bolts, nuts and nylon nuts.



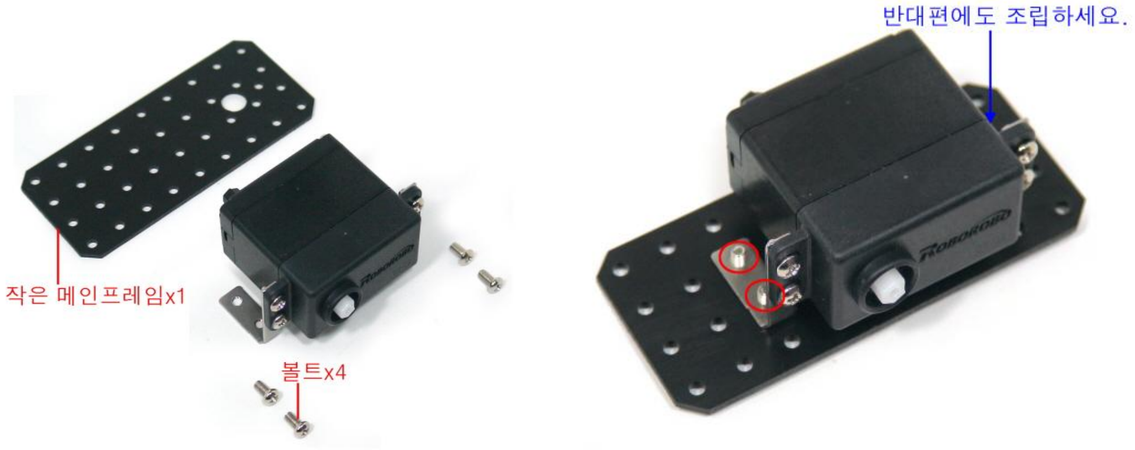

반대편에도 조립하세요.

8. Fix both legs onto the Supports with nylon nuts.

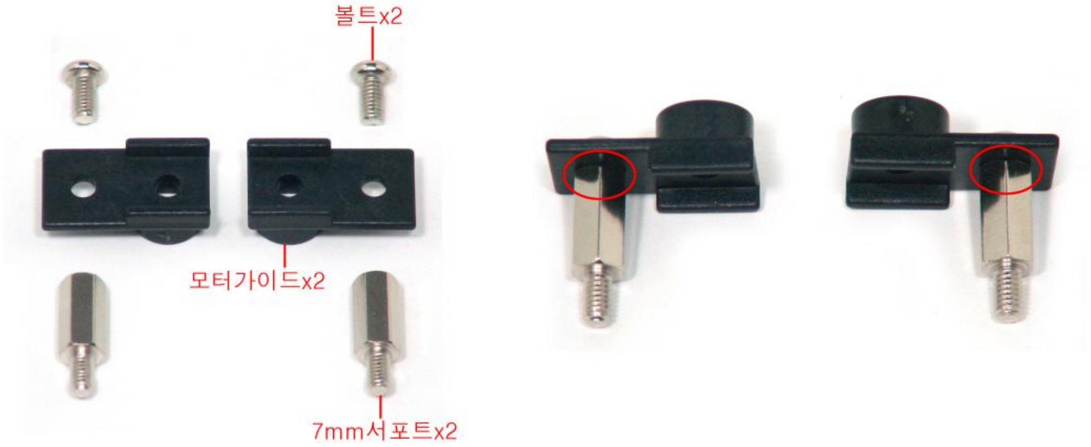

모터프레임x2
DC모터x1
볼트x4



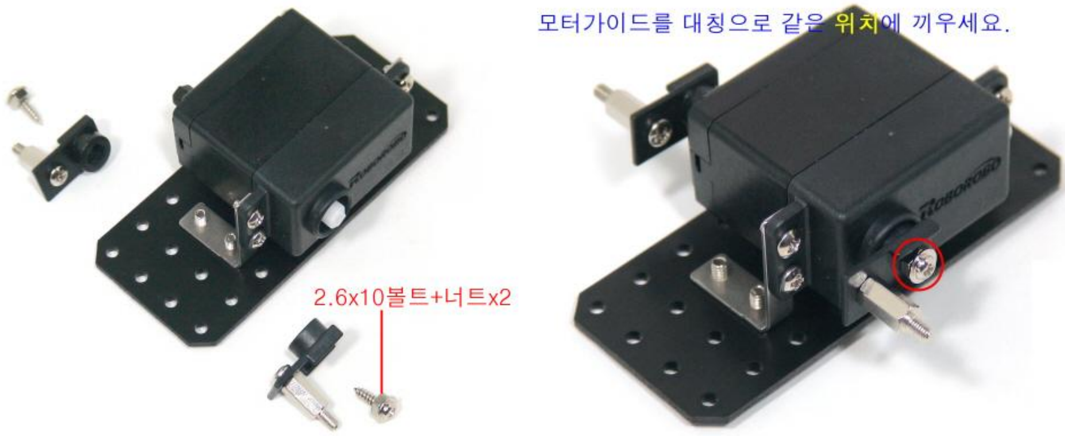
9. Tighten the DC Motor and Motor Frames with bolts.


반대편에도 조립하세요.
작은 메인프레임x1
볼트x4

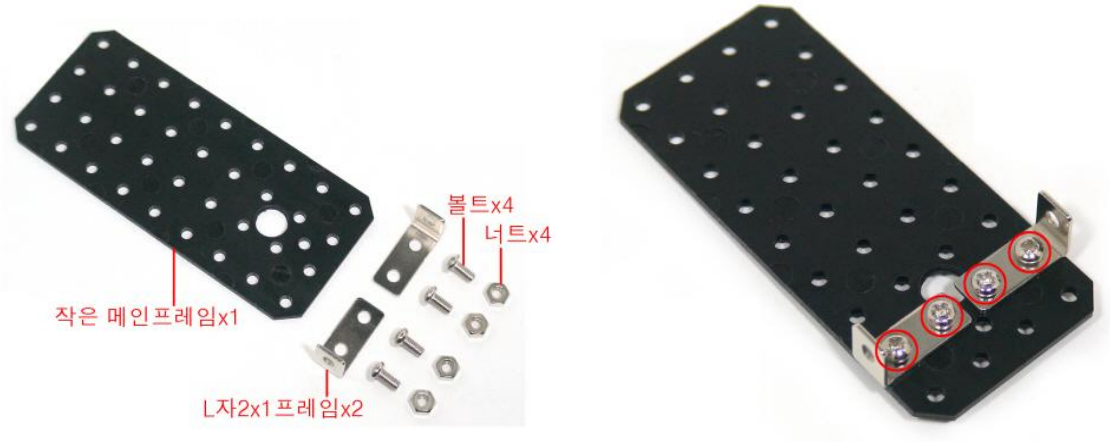
10. Tighten the Motor Frame which is fixed to the DC Motor on the small Main Frame by bolts.


볼트x2
모터가이드x2
7mm서포트x2

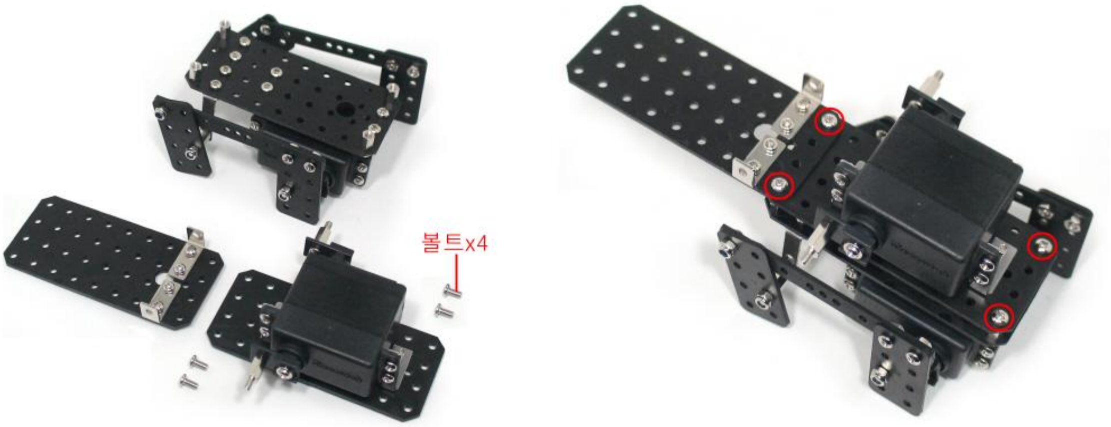
11. Tighten the 7mm Supports into the Motor Guides with bolts.


모터가이드를 대칭으로 같은 위치에 끼우세요.
2.6x10볼트+너트x2

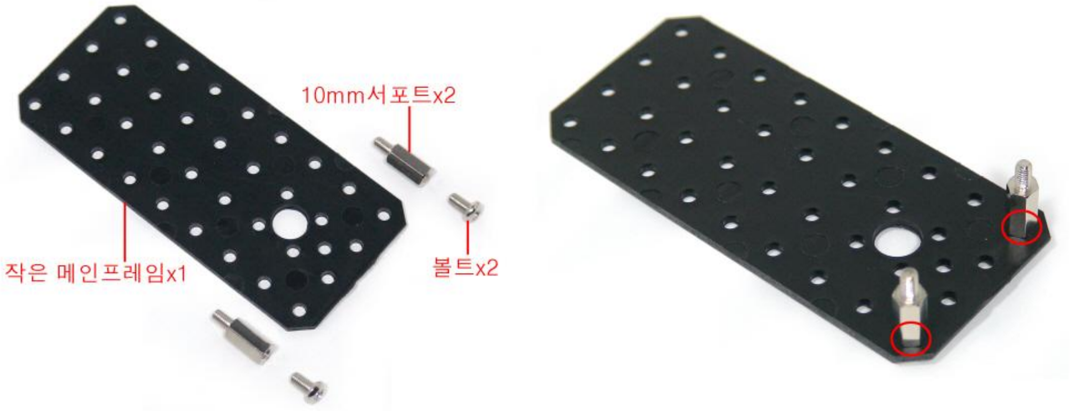
12. Fix the Motor Guides into the DC Motor axles with the 2.6x10 bolts and nuts.


볼트x4
너트x4
작은 메인프레임x1
L자2x1프레임x2

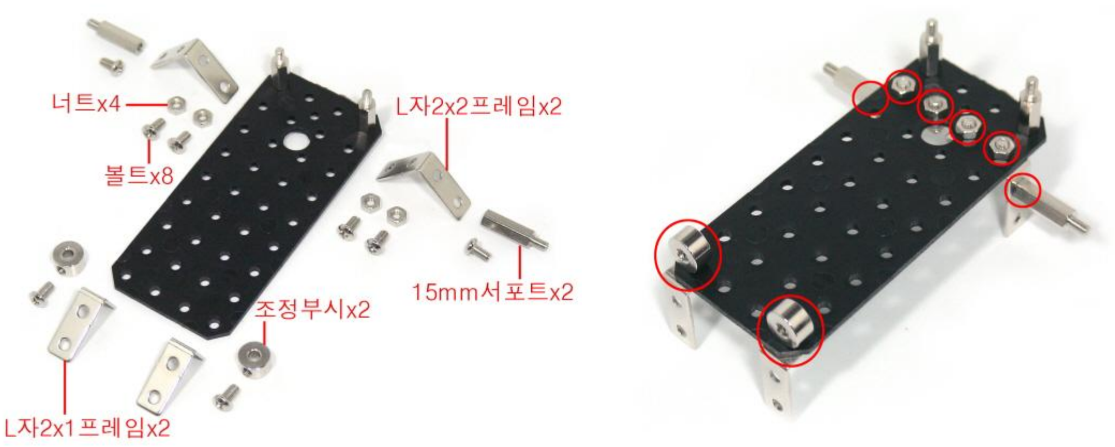
13. Put the L2x1Frame on the small Main Frame and fix by bolts and nuts to make the bottom jaw.



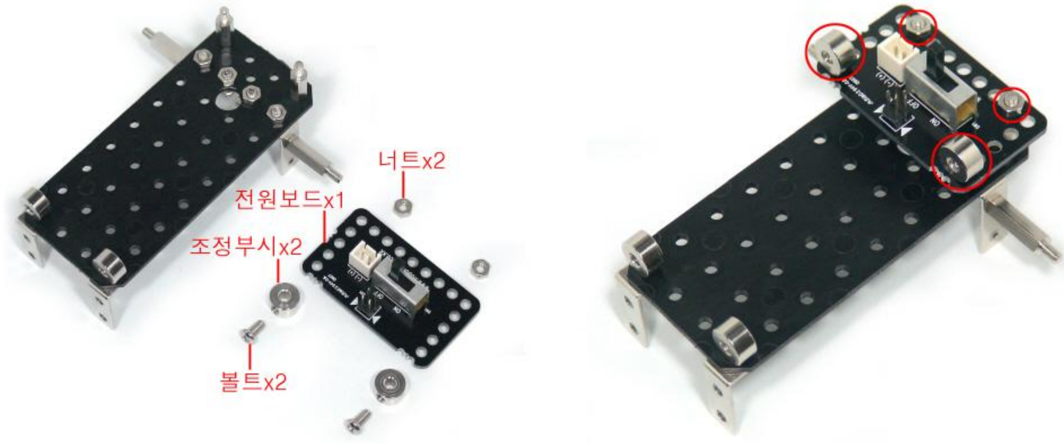
14. Fix the jaw on the 7mm Supports with bolts.


10mm서포트x2
볼트x2
작은 메인프레임x1

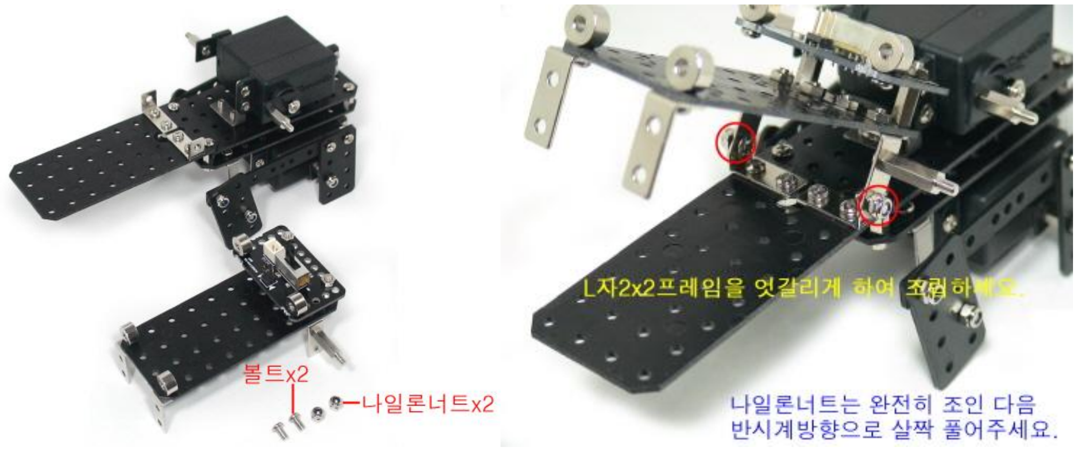
15. Fix the 10mm Supports on the Main Frame with bolts.


너트x4
볼트x8
L자2x2프레임x2
15mm서포트x2
조정부시x2
L자2x1프레임x2

16. Fix the L2x2Frame on the small Main Frame and the 15mm Supports. Fix the regulable nut on the Main Frame with L2x1Frames and bolts.


너트x2
전원보드x1
조정부시x2
볼트x2

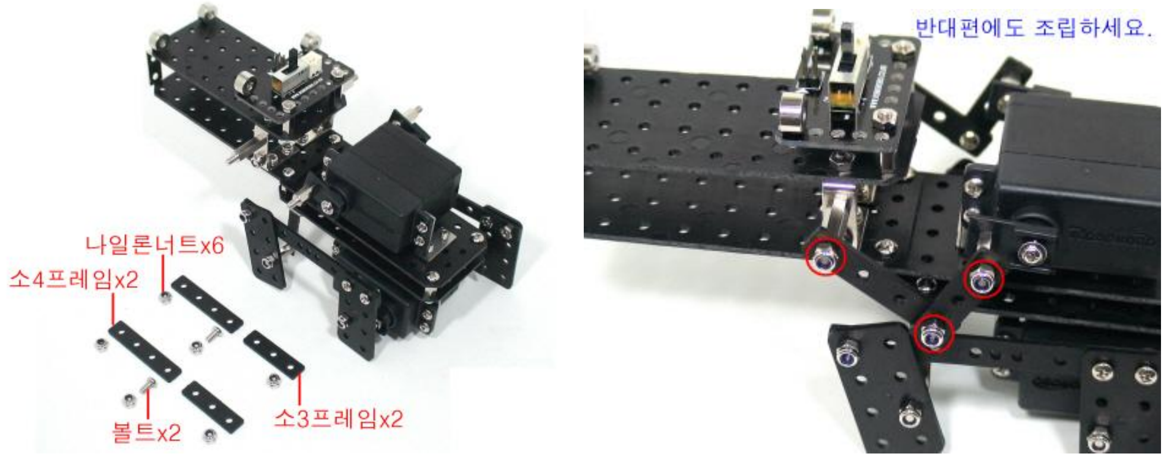
17. Tighten bolts and the Regulable nut on the power board by nuts to make a face.


볼트x2
나일론너트x2

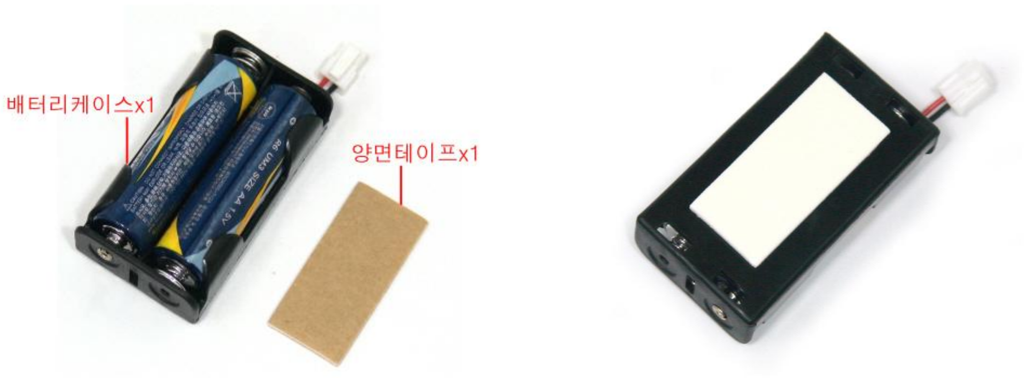
L자2x2프레임을 엇갈리게 하여 조립하세요.

나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

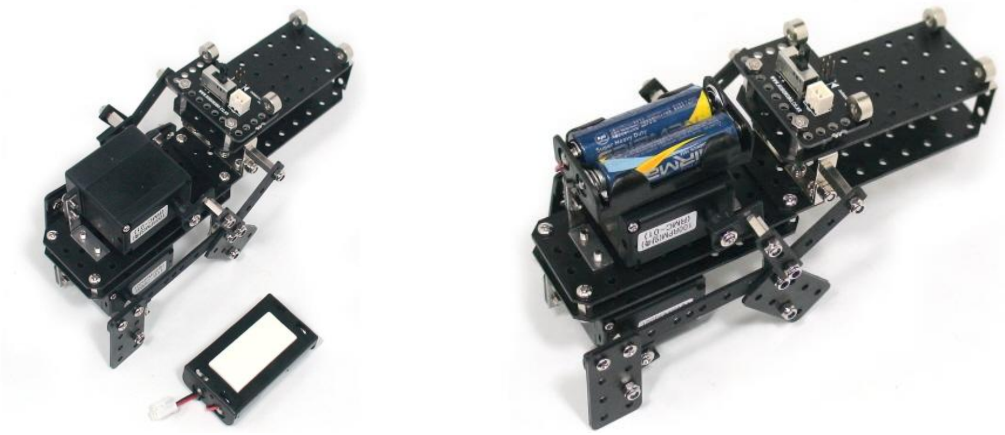
18. Fix the L2x2 Frames of the face and L2x1 Frames of the jaw with nylon nuts.


나일론너트x6
소4프레임x2
볼트x2
소3프레임x2
반대편에도 조립하세요.

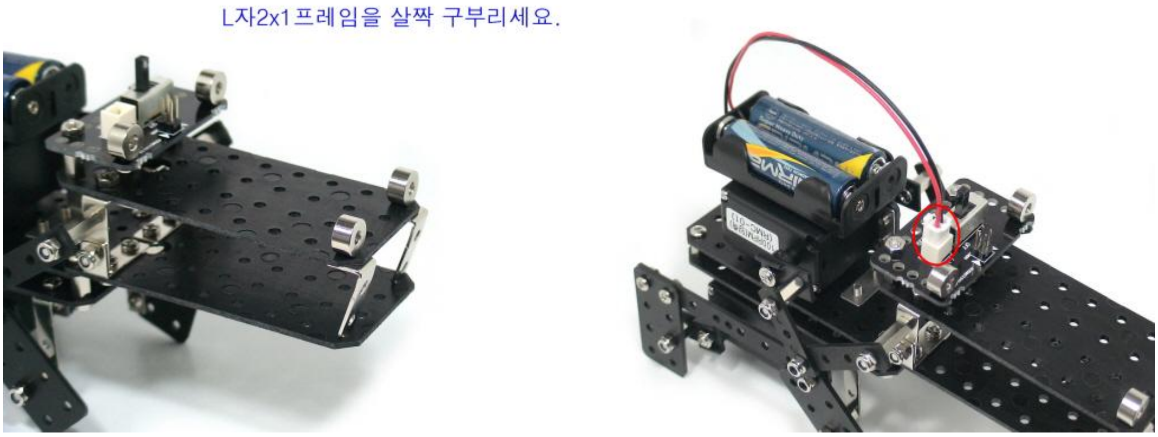
19. Connect the 4holes-frame, 3holes-frame and the nylon nuts and fix the hippo's face and the Supports which are tightened to the Motor Guides by the nylon nuts.


배터리케이스x1
양면테이프x1

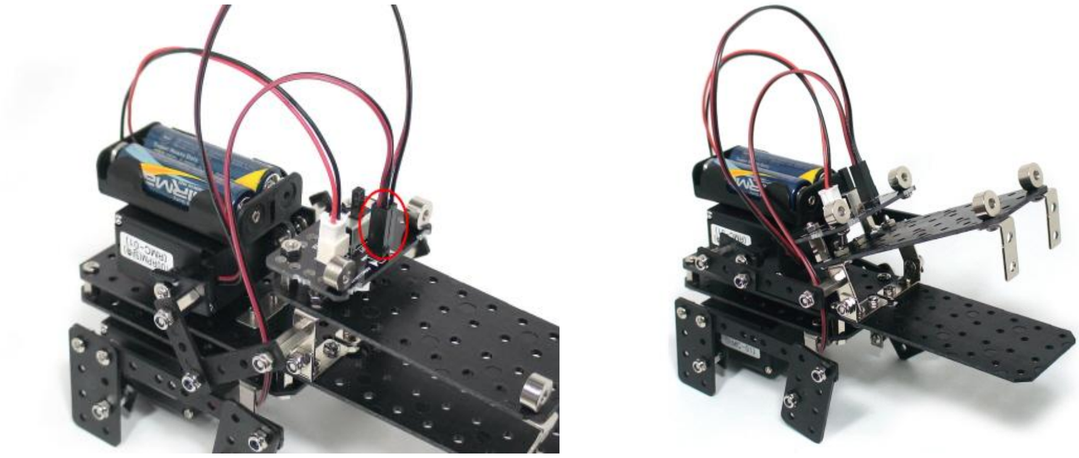
20. Put the double sided tape on the battery case.



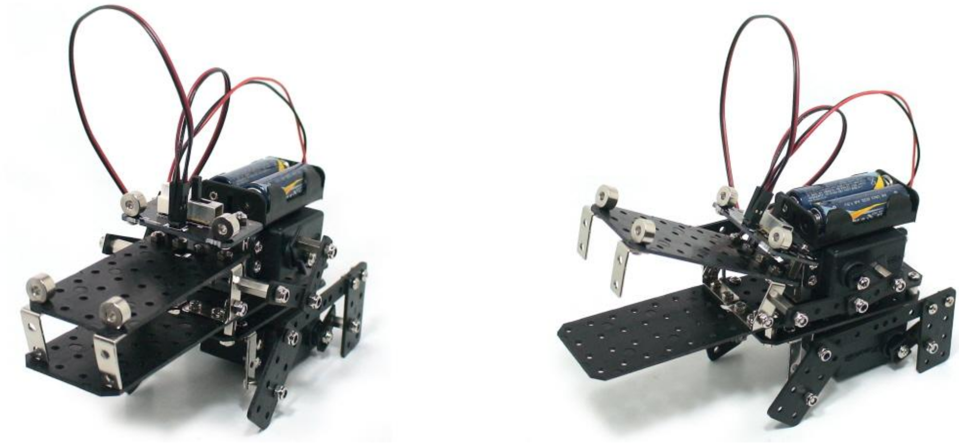
21. And Put the battery case on the DC Motor.



22. Bend the L2x1 Frame in the face slightly. Plug the power cable of the battery case into the power board.

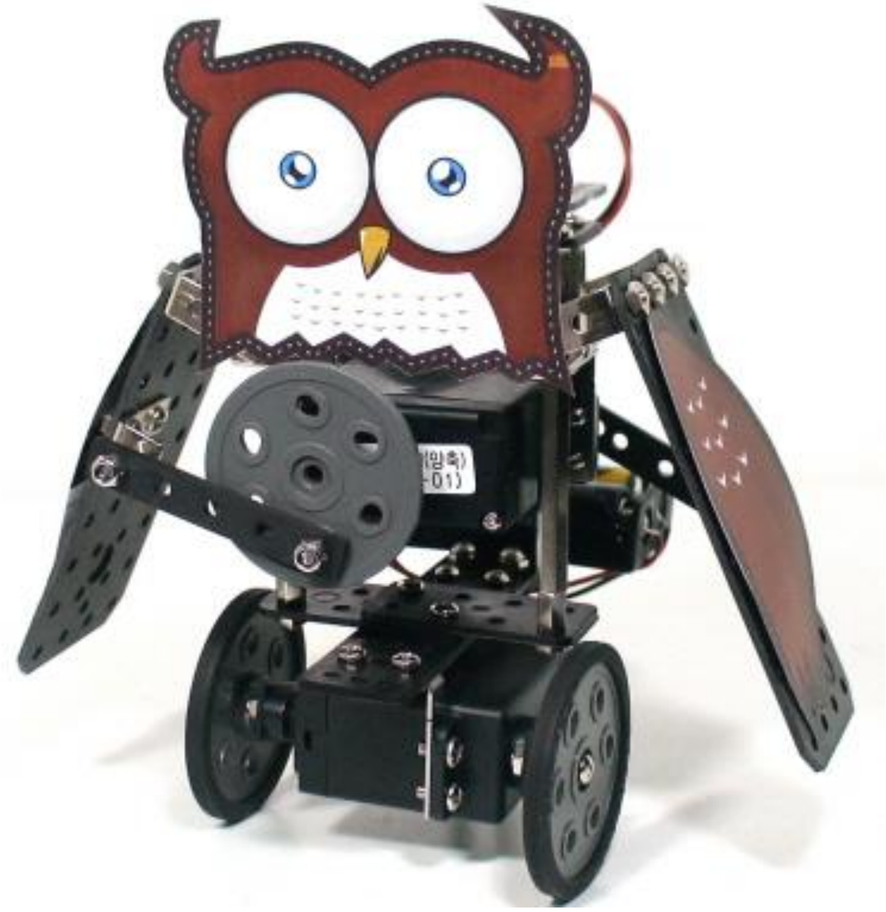


23. The black line of the DC motor cable should be lined up with white triangle mark(△).

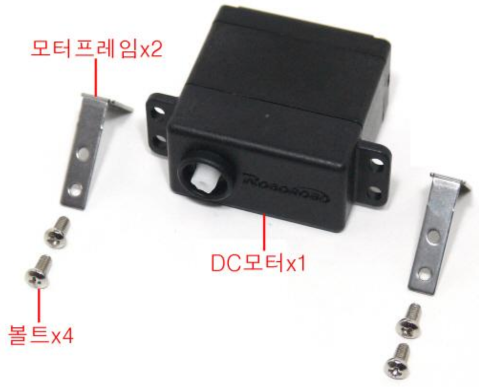


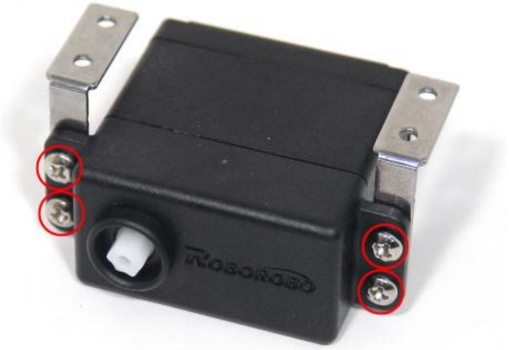
24. Here is your finished HippoBot.

Owl Bot

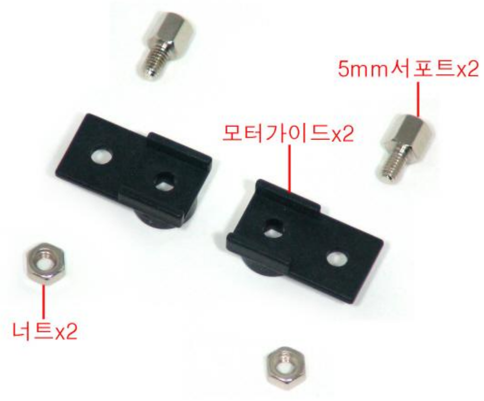


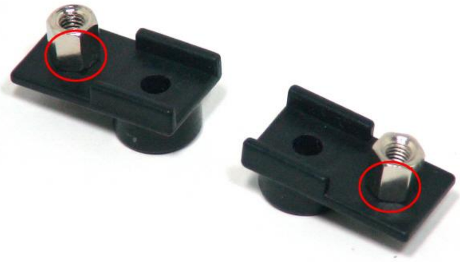
OwlBot is a robot that can move with wings fluttering. Let's find out the way of the flutter by the bilateral DC Motor and hold a running race with other OwlBots of friends.


모터프레임x2
DC모터x1
볼트x4

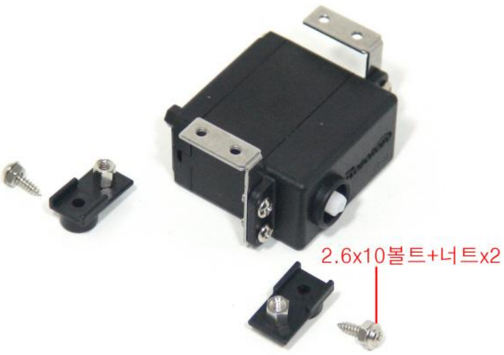


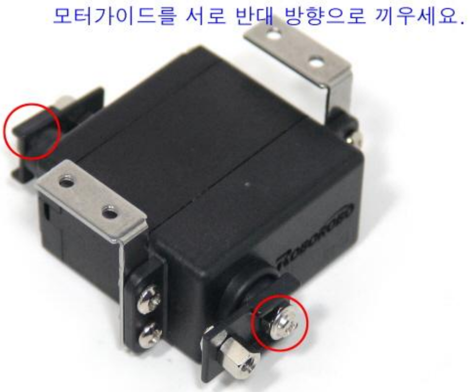
1. Fix the DC Motor and Motor frames by bolts.


5mm서포트x2
모터가이드x2
너트x2

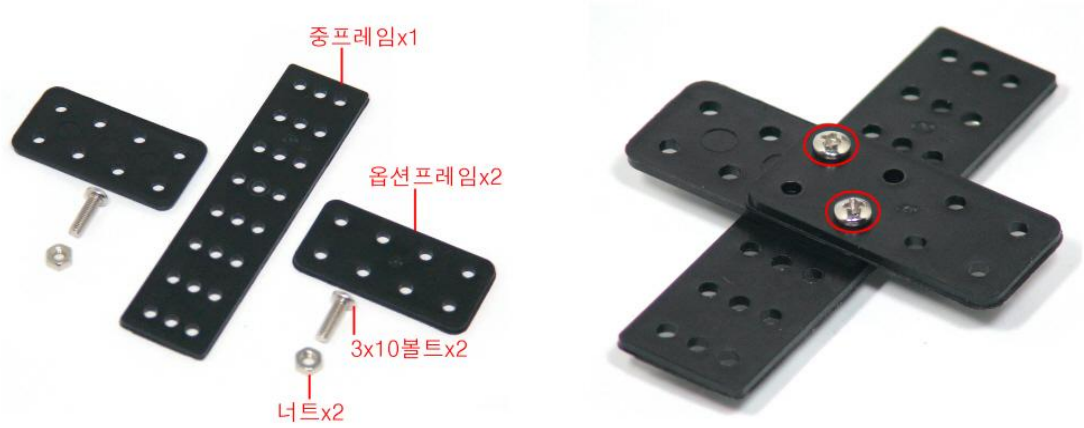


2. Put the 5mm Supports on the Motor guides and tighten with nuts.

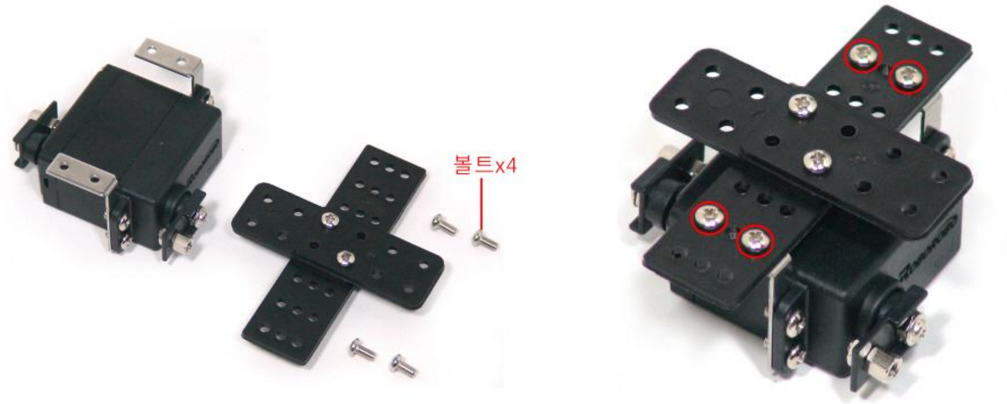

2.6x10볼트+너트x2


모터가이드를 서로 반대 방향으로 끼우세요.

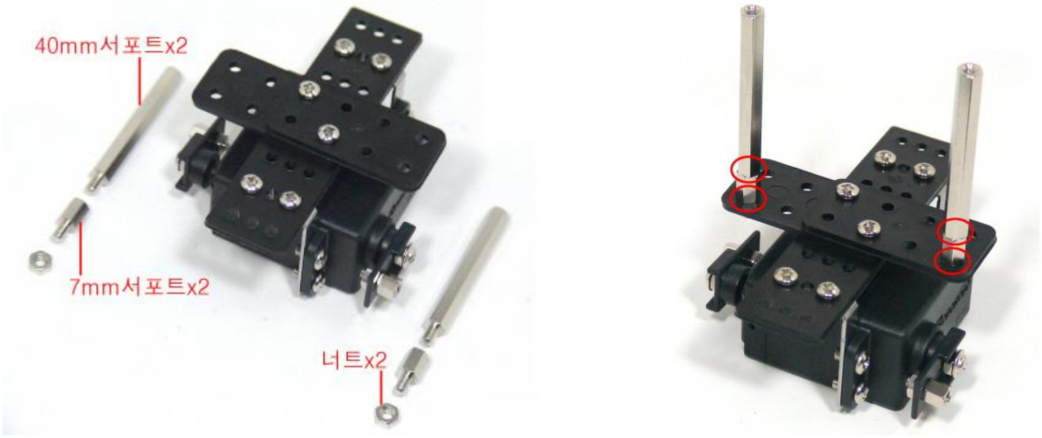
3. Put the Motor guides into the DC Motor axle and fix with 2.6x10 bolts and nuts.


중프레임x1
옵션프레임x2
3x10볼트x2
너트x2

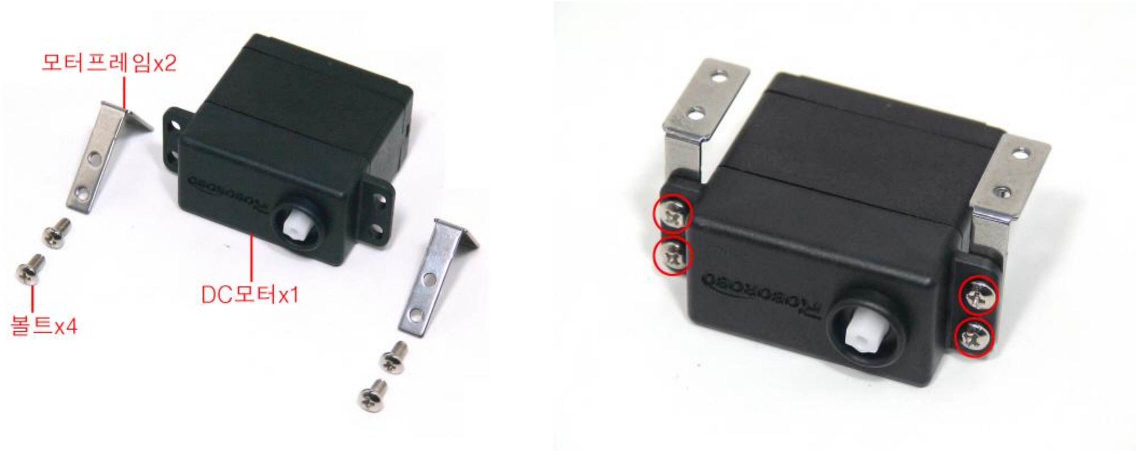
4. Stack the Option frames on the Middle frame and fix them with 3x10 bolts and nuts.



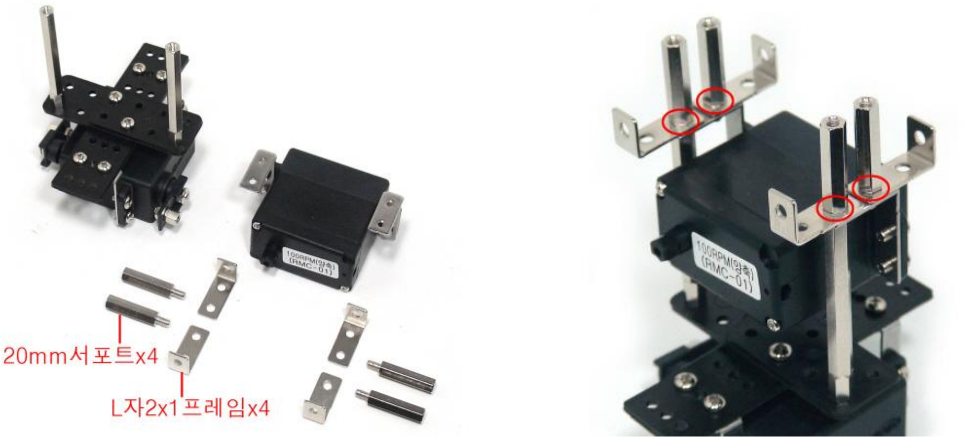
5. Fix the above Middle frame on the Motor guides of the DC Motor with bolts.


40mm서포트x2
7mm서포트x2
너트x2

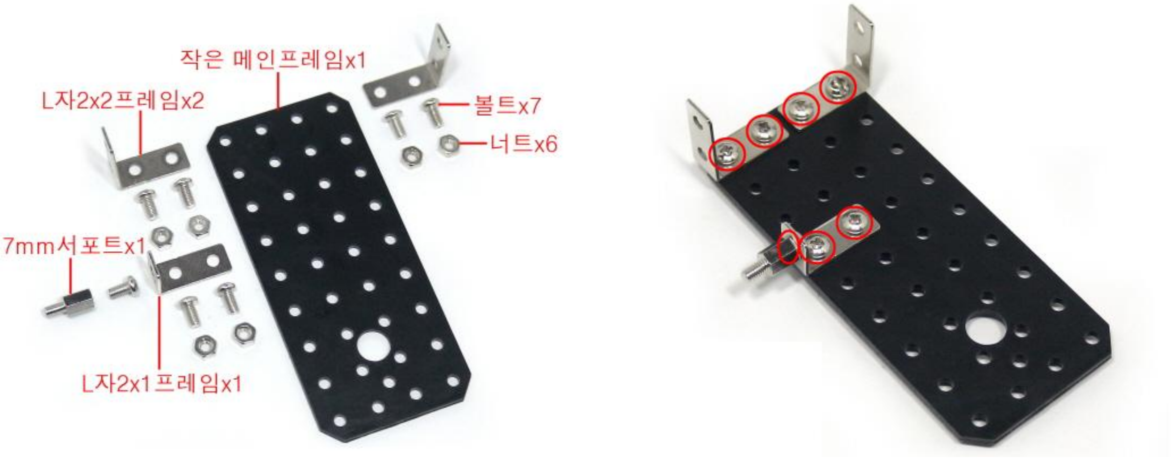
6. Tighten the 40mm Supports and 7mm Supports and fix them on the Option frames with nuts.


모터프레임x2
볼트x4
DC모터x1

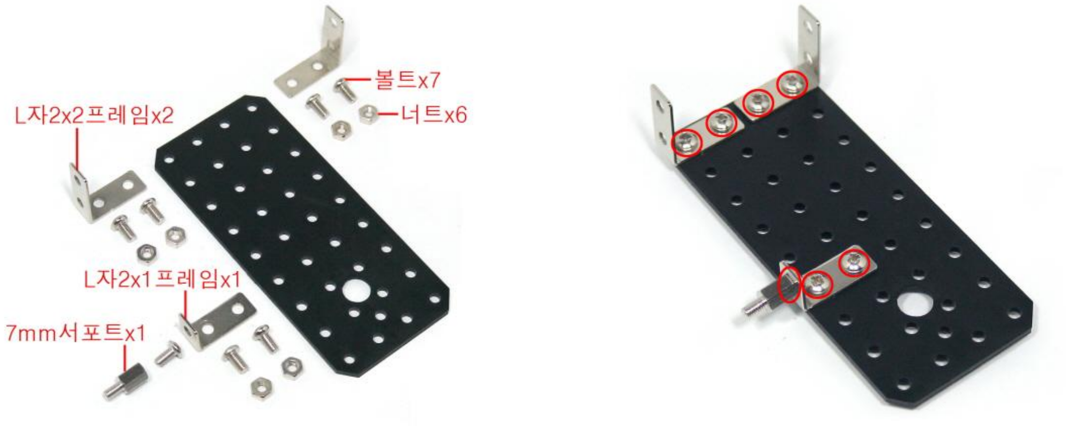
7. Fix the DC Motor and Motor frame with bolts.


20mm서포트x4
L자2x1프레임x4

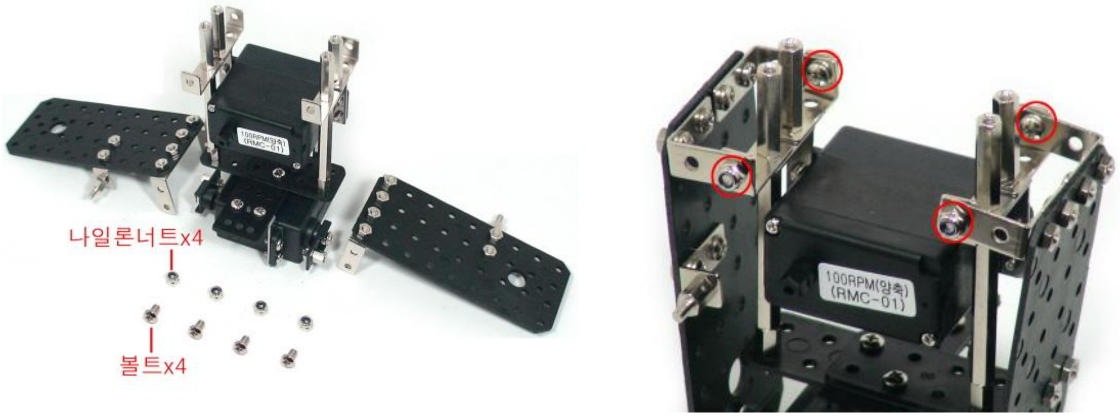
8. Put the Motor frame fixed to DC Motor on the L2x1 Frames and 40mm Supports tighten them with 20mm Supports.


작은 메인프레임x1
L자2x2프레임x2
볼트x7
너트x6
7mm서포트x1
L자2x1프레임x1

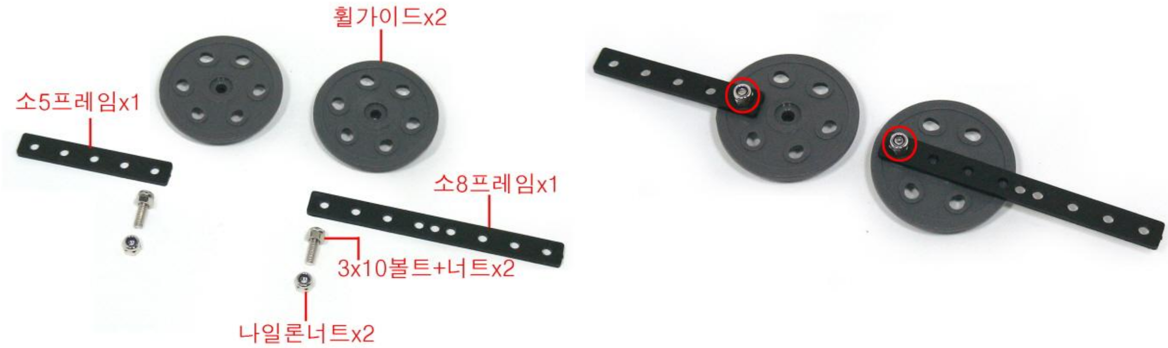
9. Fix the L2x2 Frames and L2x1 Frames on the small Main frame with bolts and nuts. Make a wing by fixing the 7mm Supports on the L2x1 Frames with bolts.


L자2x2프레임x2
볼트x7
너트x6
L자2x1프레임x1
7mm서포트x1

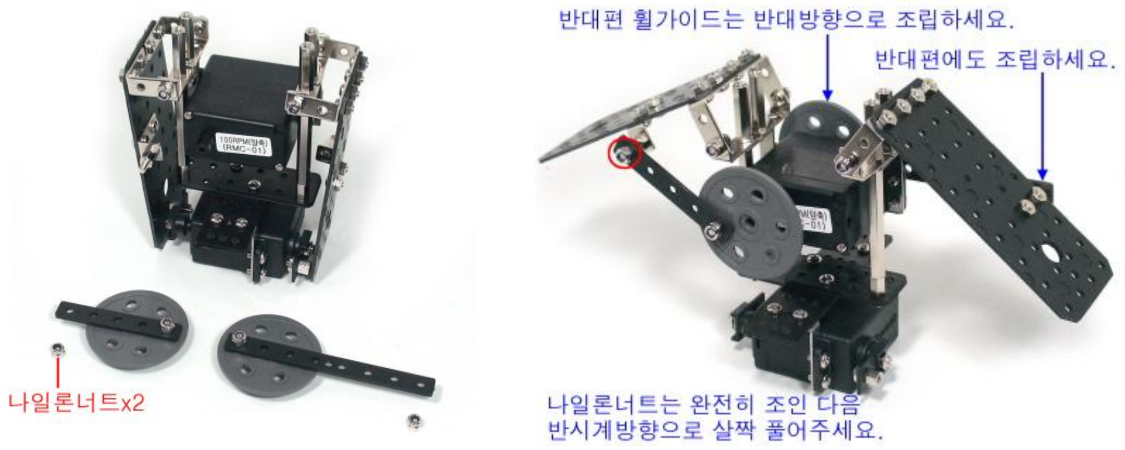
10. Same as step. 9.


나일론너트x4
볼트x4
100RPM(양축)
(RMC-01)

11. Fix the L2x2 Frames of the wings on the L2x1 Frames with bolts and nylonnuts.


휠가이드x2
소5프레임x1
소8프레임x1
3x10볼트+너트x2
나일론너트x2

12. Fix the 5-holes frame and 8-holes frame on the Wheel-guide with 3x10bolts, nuts and nylonnuts.

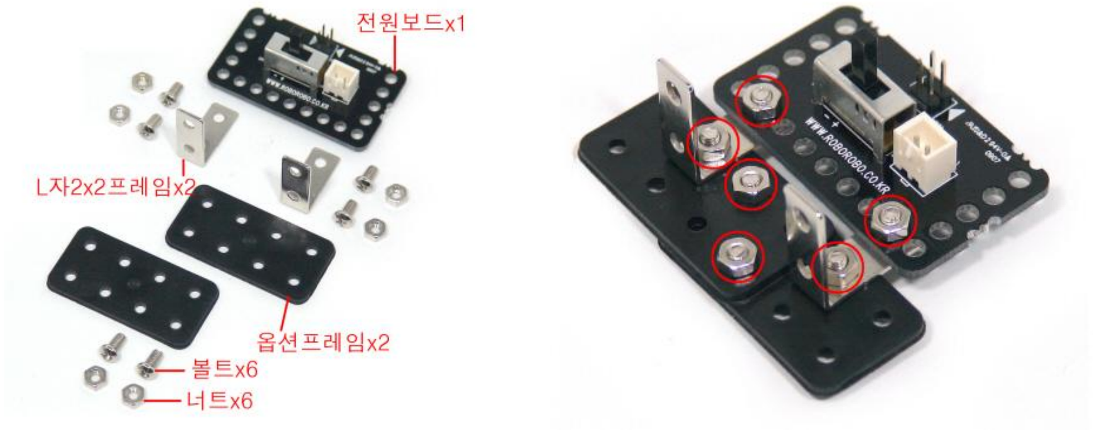


반대편 휠가이드는 반대방향으로 조립하세요.

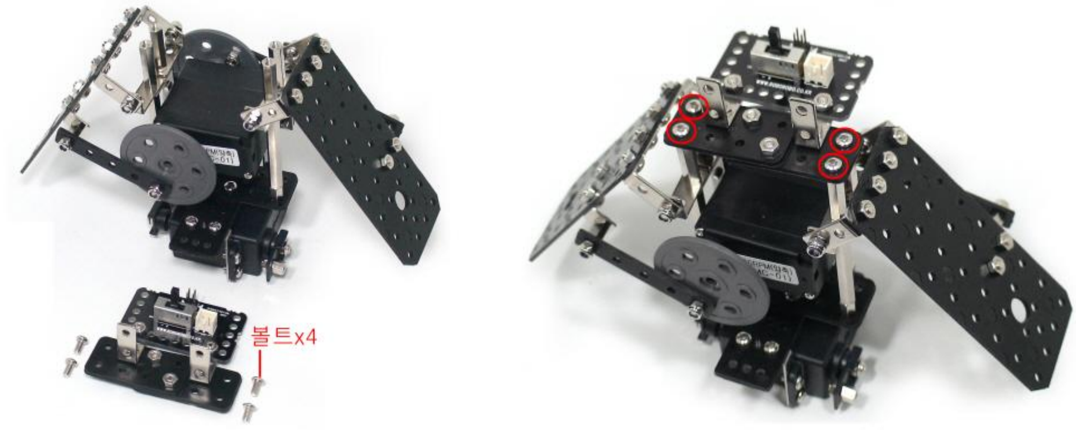
반대편에도 조립하세요.

나일론너트는 완전히 조인 다음
반시계방향으로 살짝 풀어주세요.

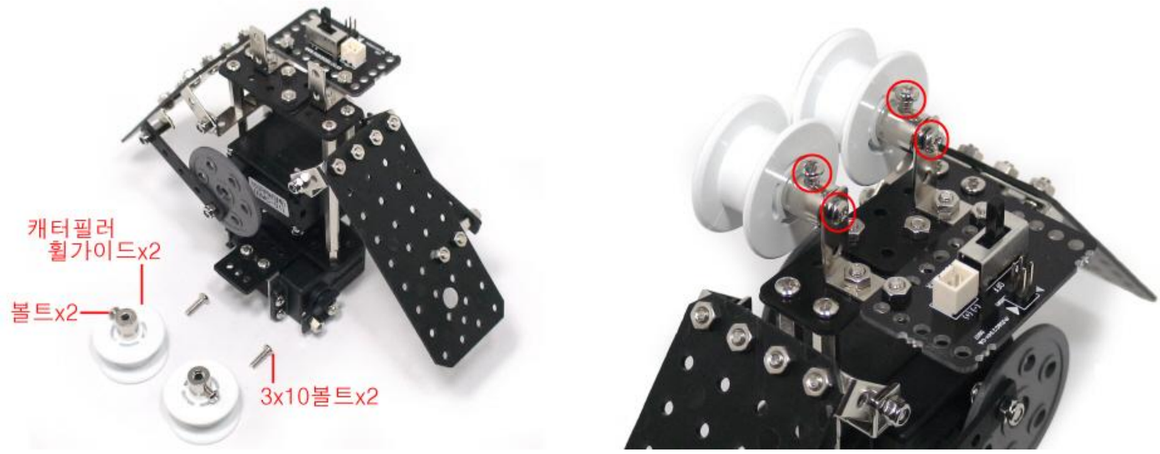
13. Put the Wheel-guide into the DC Motor axle fix the 5-holes frame and 8-holes frame to the 7mm Supports.


전원보드x1
L자2x2프레임x2
옵션프레임x2
볼트x6
너트x6

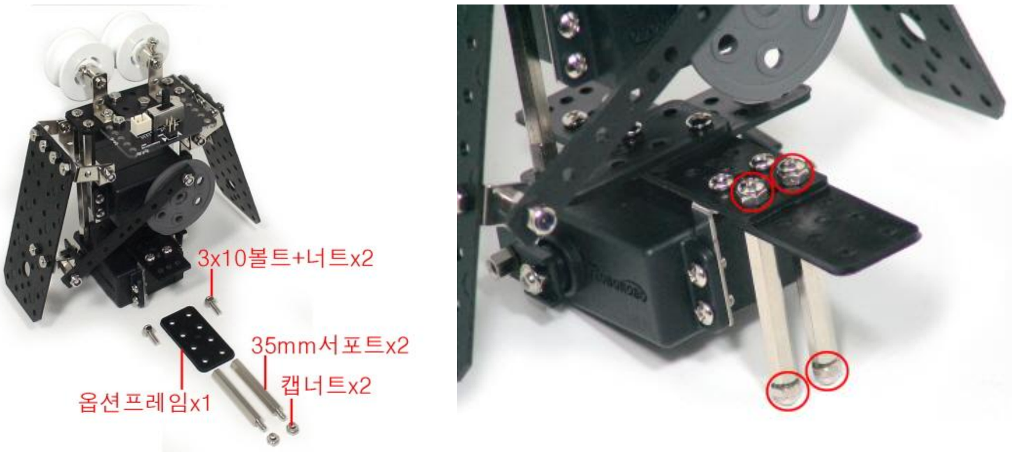
14. Stack the Option frames and fix them by bolts and nuts. Fix theL2x2 Frames on the Option frames and the Power board with bolts and nuts.



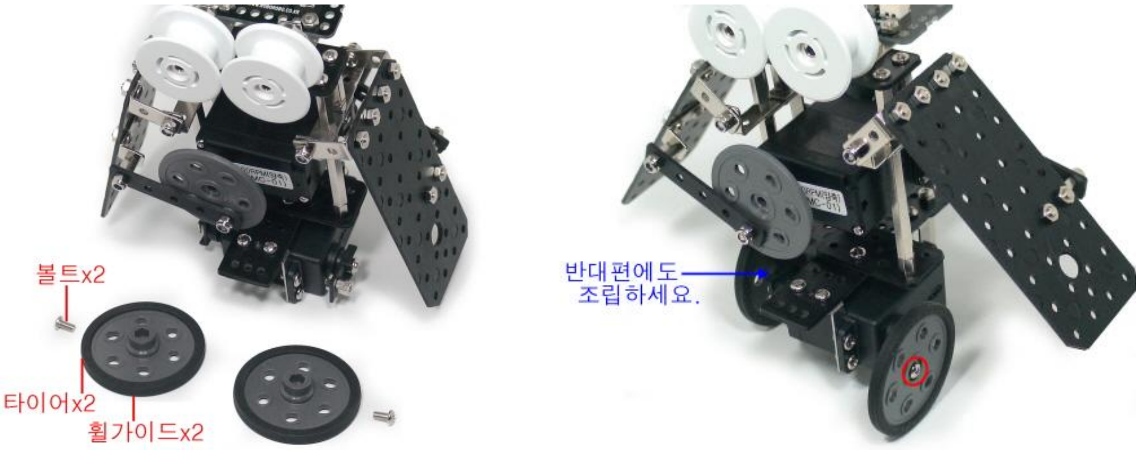
15. Put the Option frame of the step.14 on the 20mm Supports and tighten with bolts.


캐터필러
휠가이드x2
볼트x2
3x10볼트x2

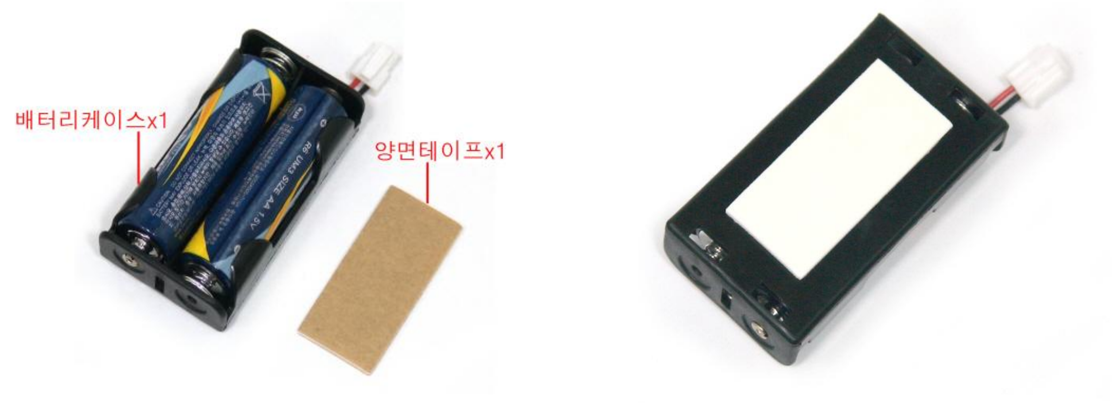
16. Put the L2x2 Frames to the 3x10bolts and the Caterpillar Wheel-guide to the 3x10bolts. Fix the Caterpillar Wheel-guide with bolts not to move.


3x10볼트+너트x2
35mm서포트x2
캡너트x2
옵션프레임x1

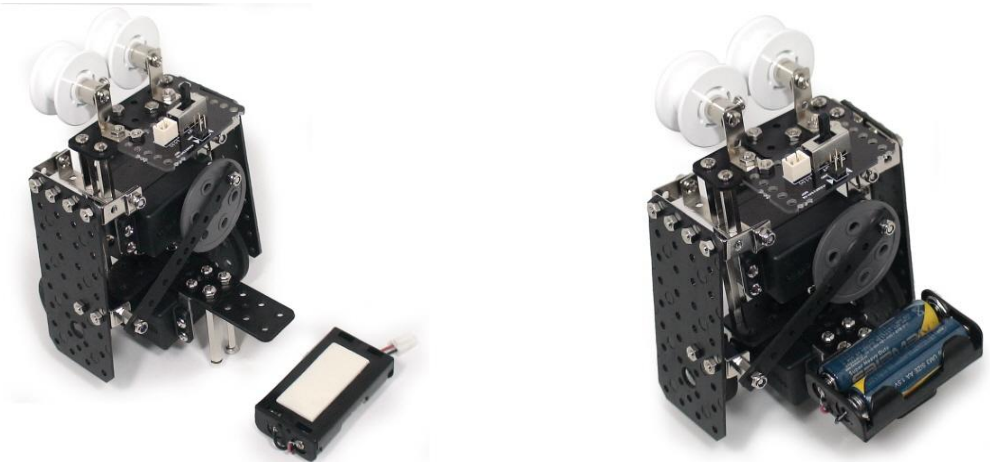
17. Put the Option frame under the Middle frame tighten with 3x10bolts, nuts, and 35mm Supports. Fix the cap nuts and the 35mm Supports.


볼트x2
타이어x2
휠가이드x2
반대편에도
조립하세요.

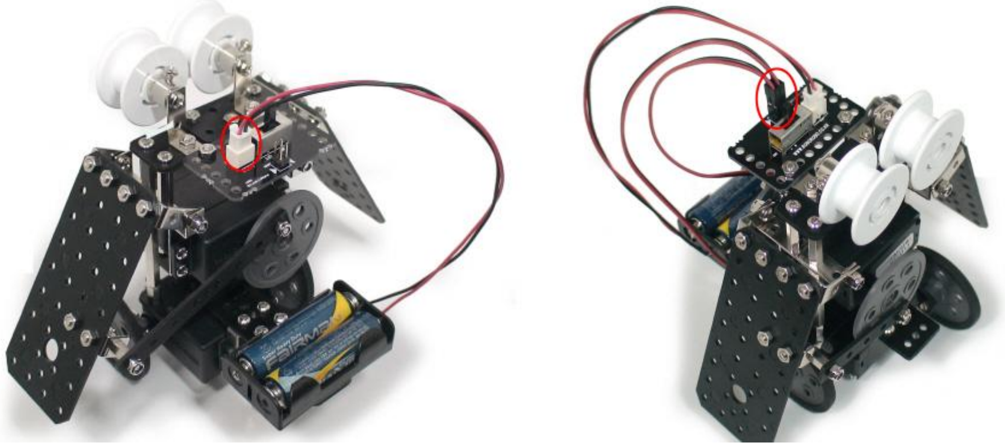
18. Put the Wheel-guide into the tire and fix them on the 5mm Supports which is fixed to the Motor guides with bolts.



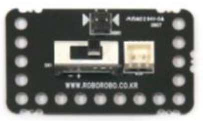
19. Put the double sided tape on the battery case.



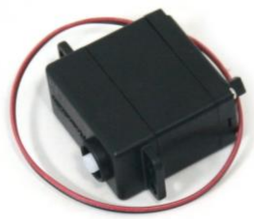
20. And Put the battery case on the Option frame.



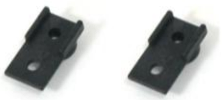
21. Plug the power cable of the battery case into the power board. The black line of the DC motor cable should be lined up with white triangle mark(△).



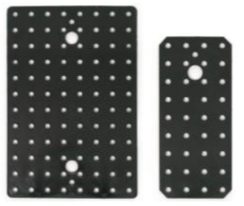
Power board x 1



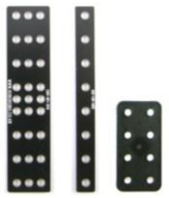
Bilateral axle DC
motor x 2



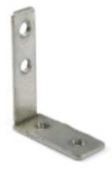
Motor guide x 4



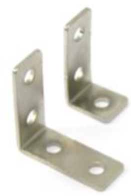
Main frame(plastic) x 1
Small main frame x 4



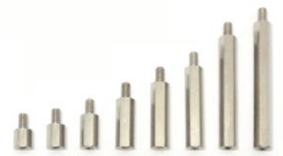
Middle frame(plastic) x 6
Option frame x 9
8 holes frame(PCB) x 4
8 holes frame x 5
5 holes frame x 4
4 holes frame x 3
3 holes frame x 7



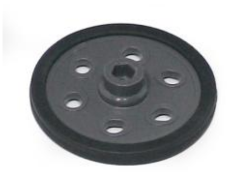
Motor frame x 8



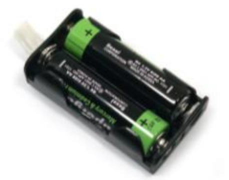
L 2x1 frame x 12
L 2x2 frame x 8



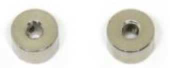
5mmsupport x 2
7mmsupport x 7
10mmsupport x 7
15mmsupport x 5
20mmsupport x 9
25mmsupport x 3
35mmsupport x 3
40mmsupport x 7



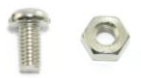
⌀40 Wheel guide x 4
⌀40 Tire x 2



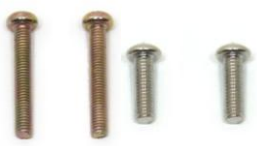
Battery case (AA) x 1



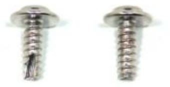
Regulable nut
x 4



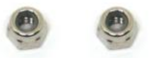
Bolt x 100
Nut x 100



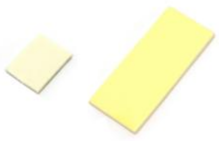
3x20 Bolt x 2
3x10 Bolt x 8



2.6x10 Bolt x 6



Nylon nut x 18



Sponge tire
x 2
Double sided tape
x 11

Caterpillar wheel ∅32 x 2

Animal Sticker
x 1

Instruction
x 1

Wrench
x 1
Cross-tip driver
x 1

- This product does not contain a battery.

※ The contents(part's specification, appearance or size etc.) of this material are subject to change without notice.