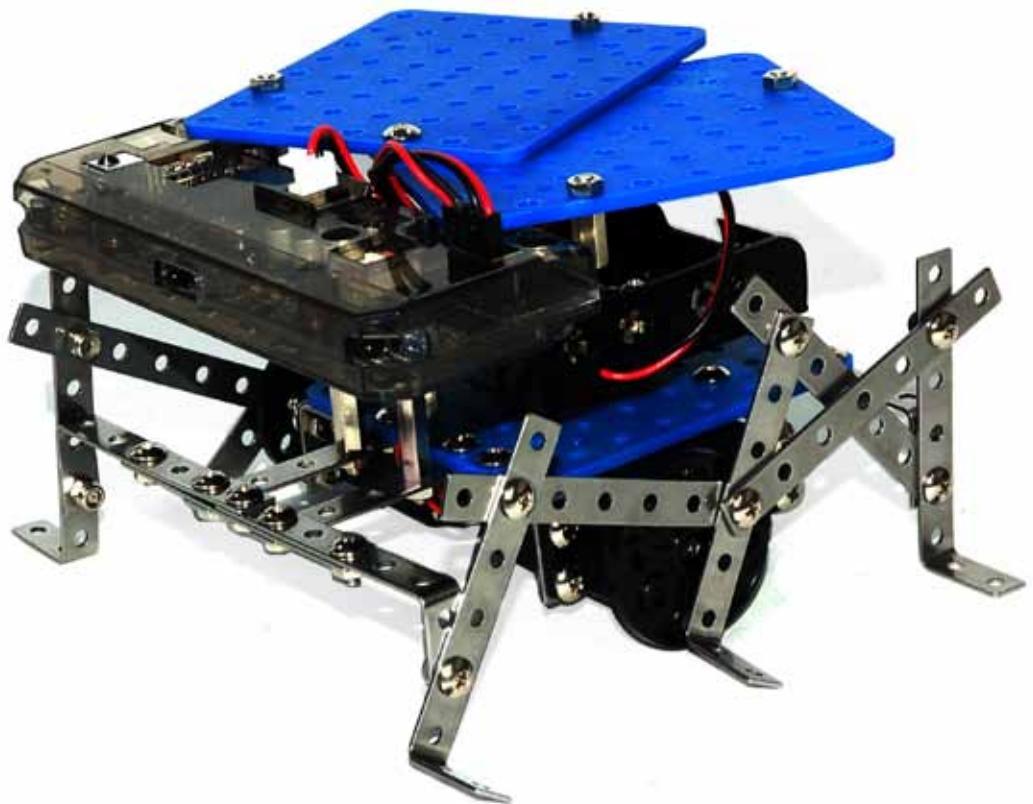


11. 버그 로봇 (Bug Robot)

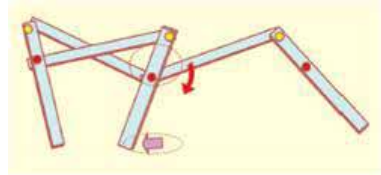


소개 및 동작원리

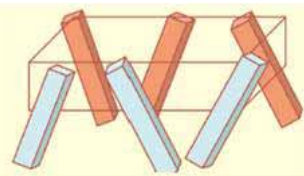
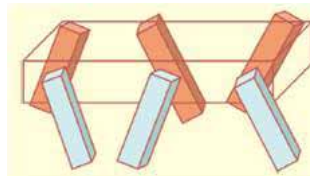
– Introduction & working principle



버그 로봇은 DC모터 2개로 6개의 다리를 움직일 수 있는 로봇입니다.



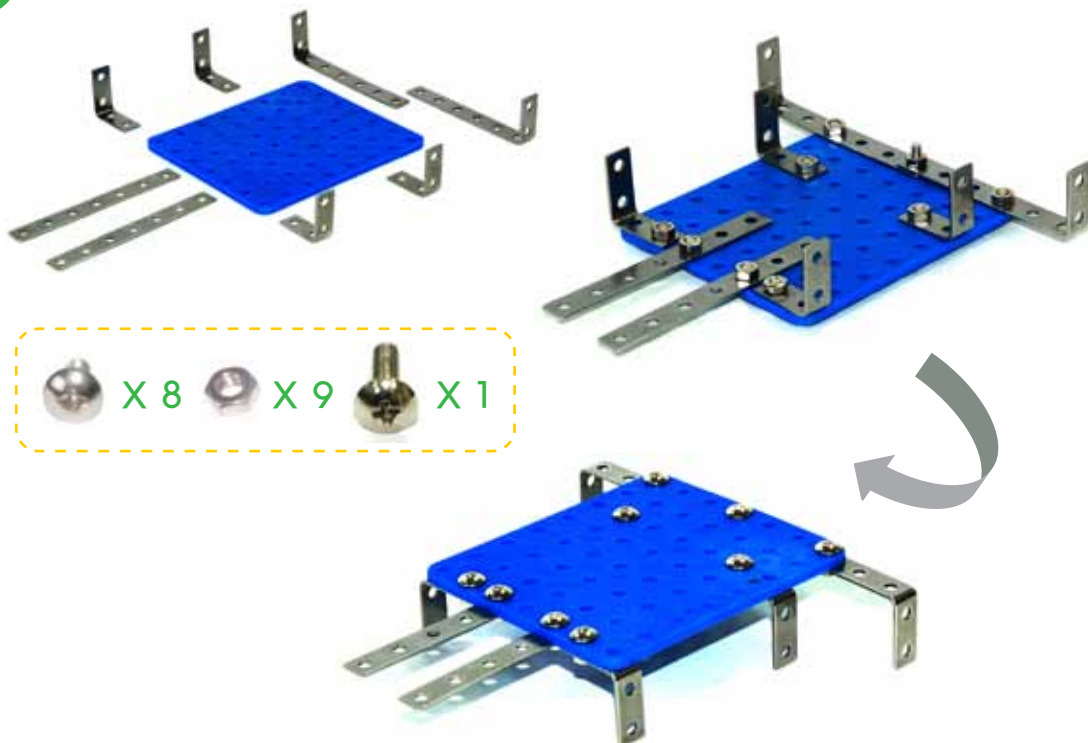
DC모터의 회전 운동을 6개 다리의 왕복 운동으로 바꾸어주는 링크 구조를 갖고 있는 것이 이 로봇의 특징입니다.



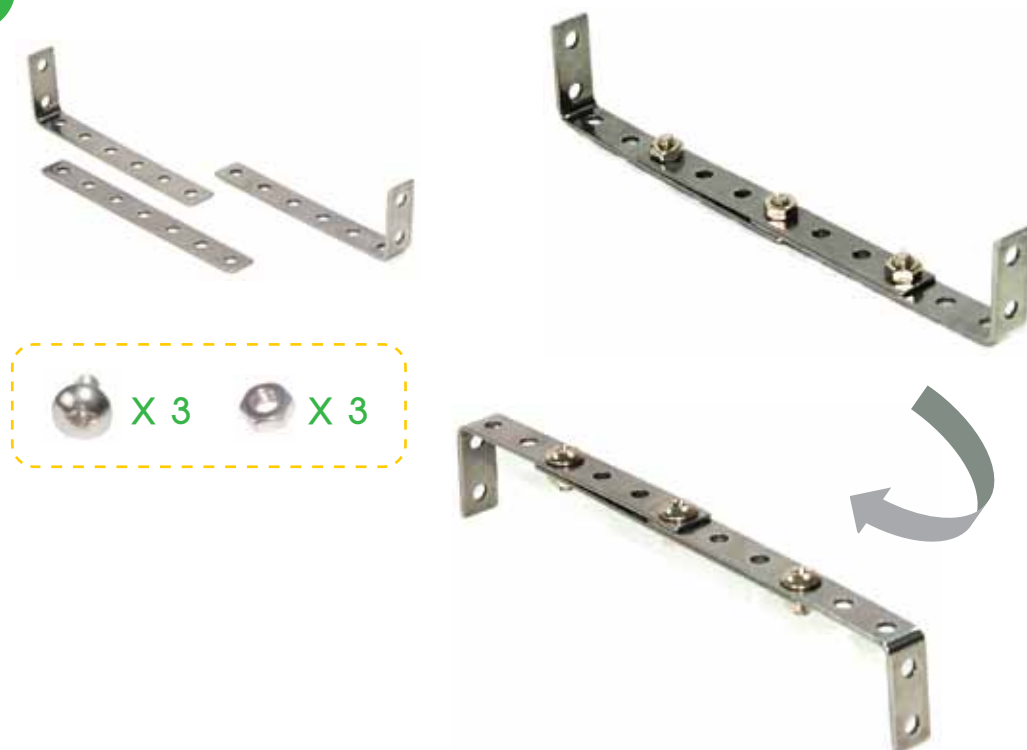
이처럼 로봇에서는 회전 운동을 왕복 운동으로 바꾸어 주거나 거꾸로 왕복 운동을 회전 운동으로 바꾸어 주는 장치를 많이 사용합니다.



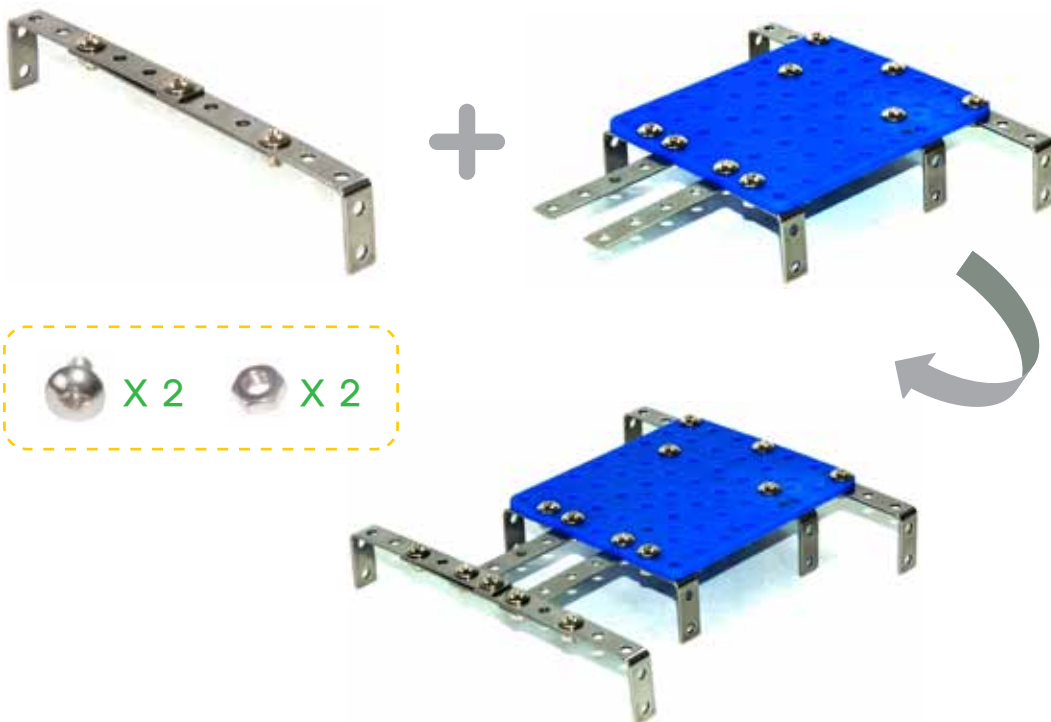
1



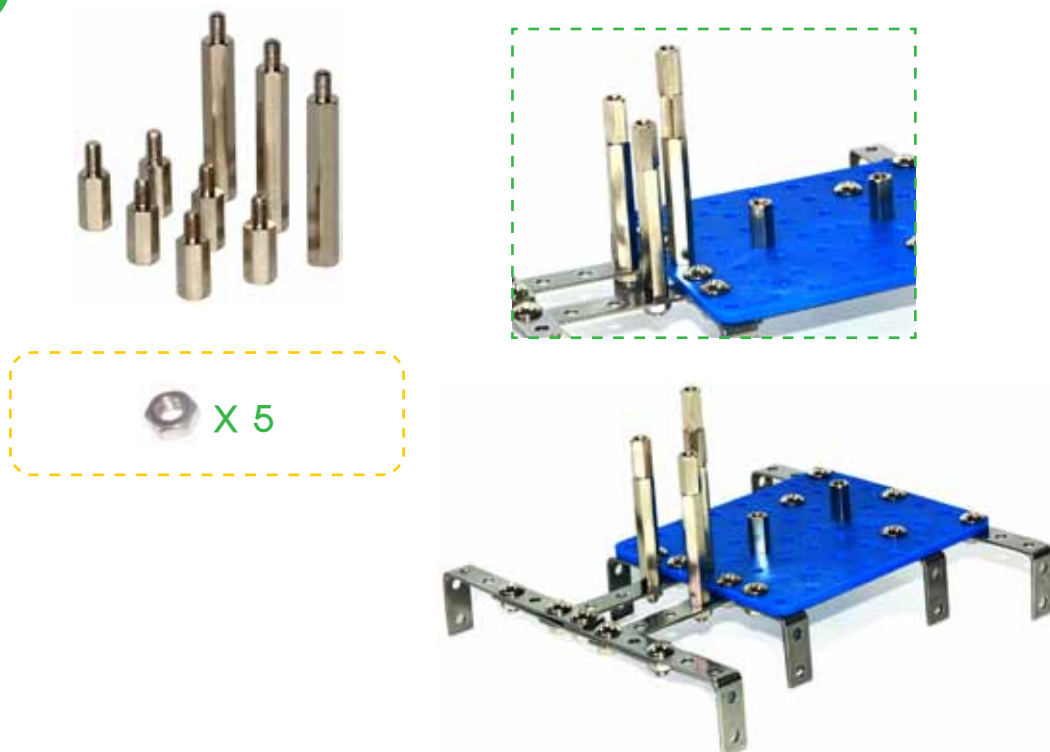
2



3



4



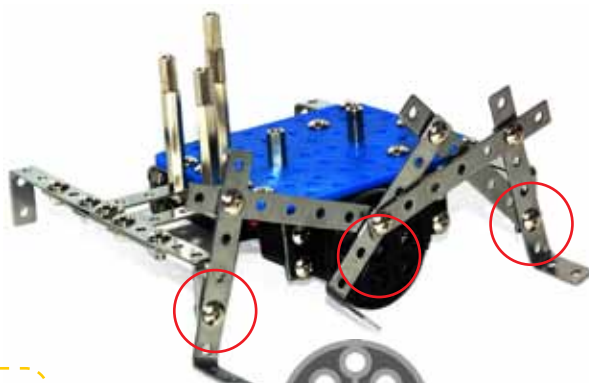
5



6



7



8



X 1



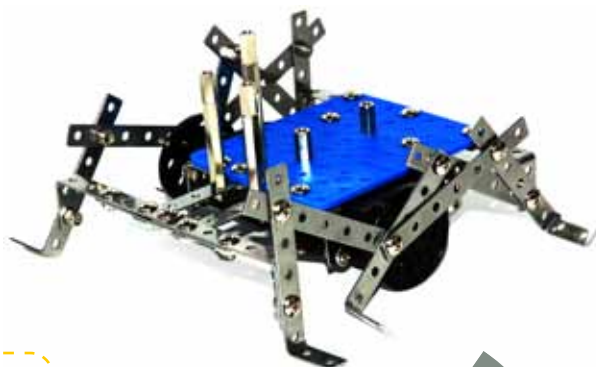
X 4



X 3



9



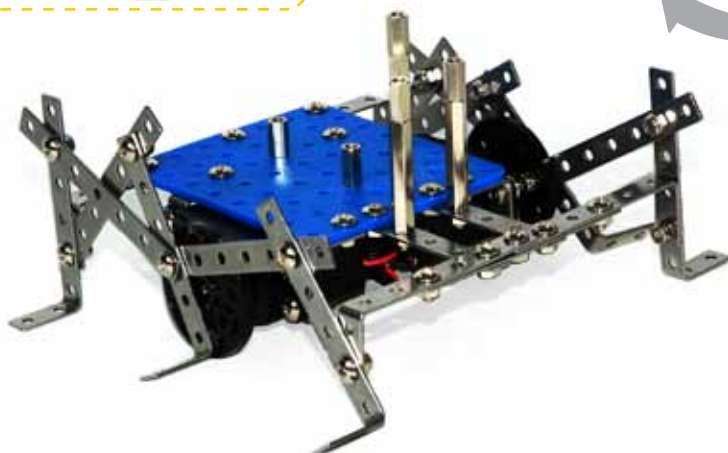
X 1



X 2

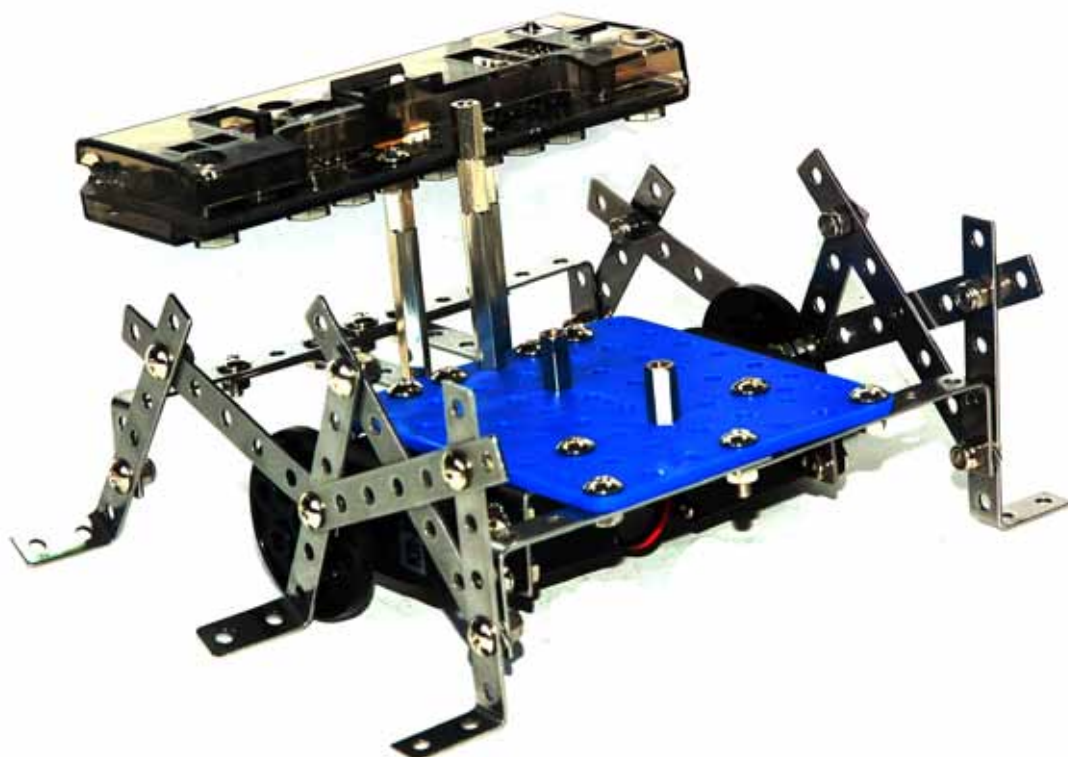
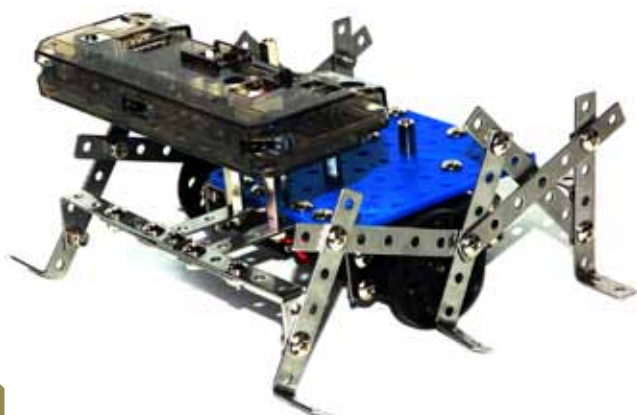


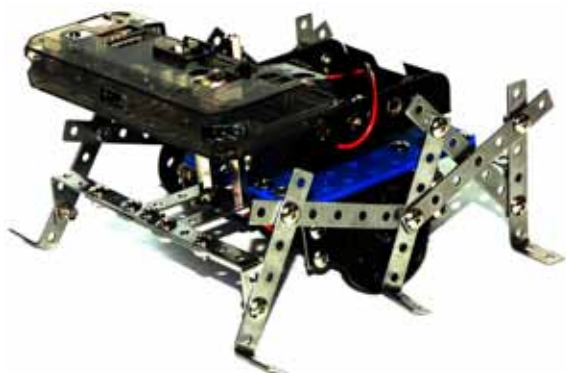
X 2



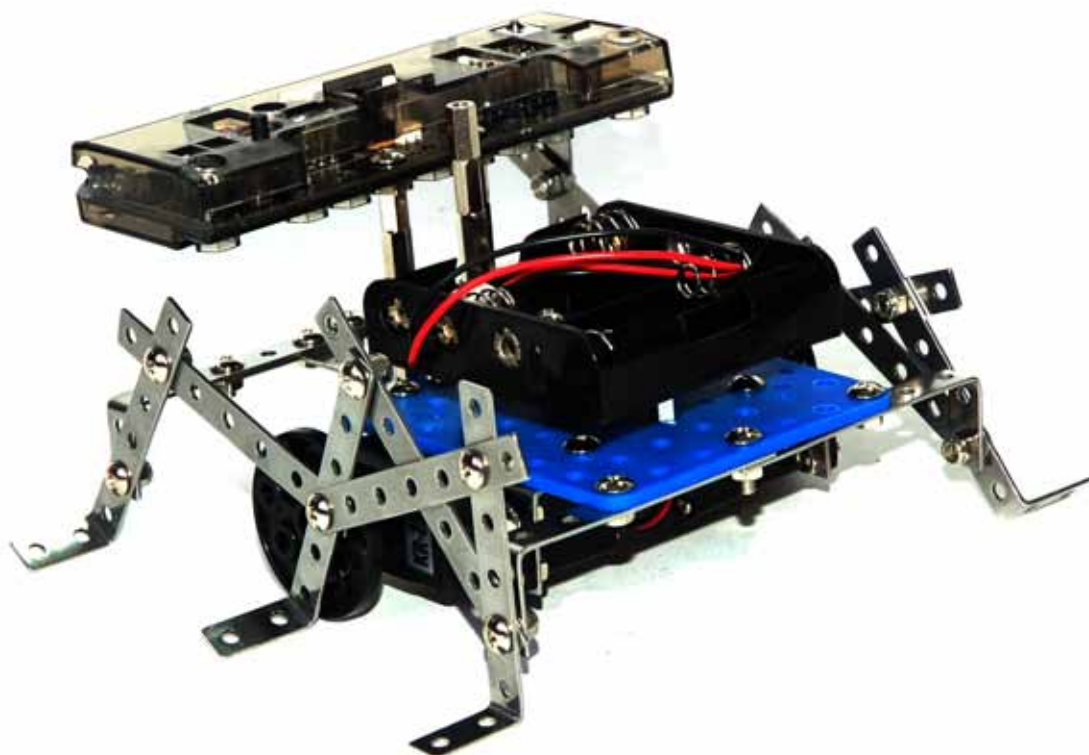


x 2

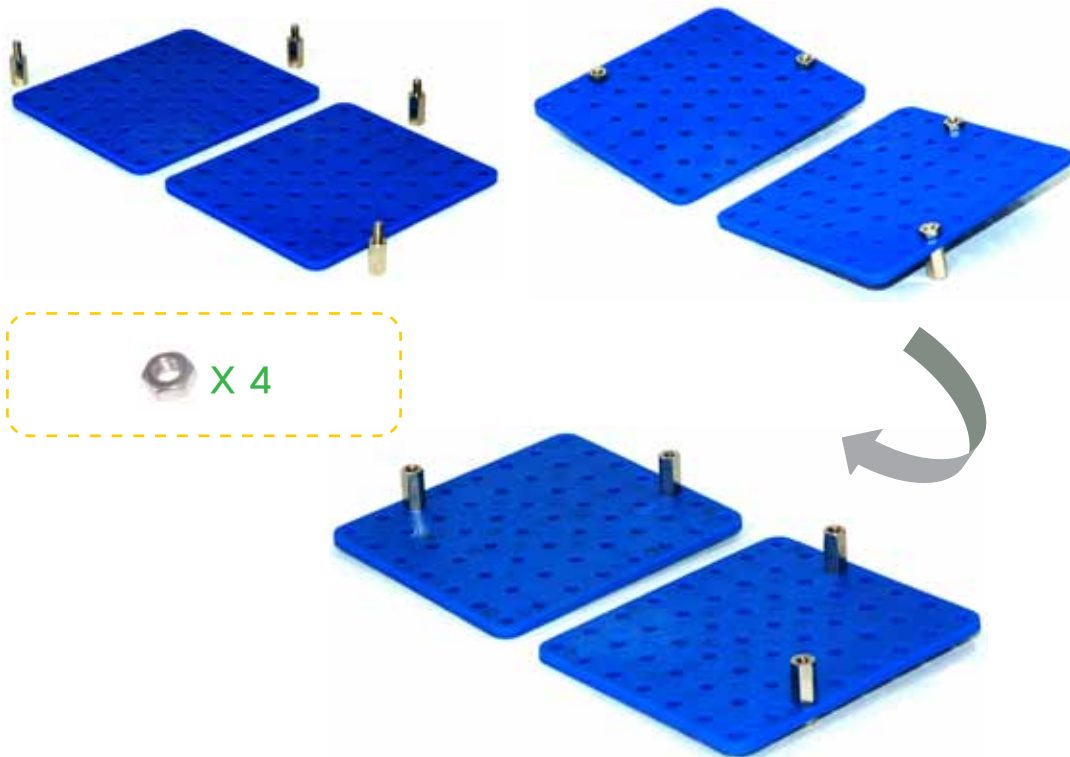




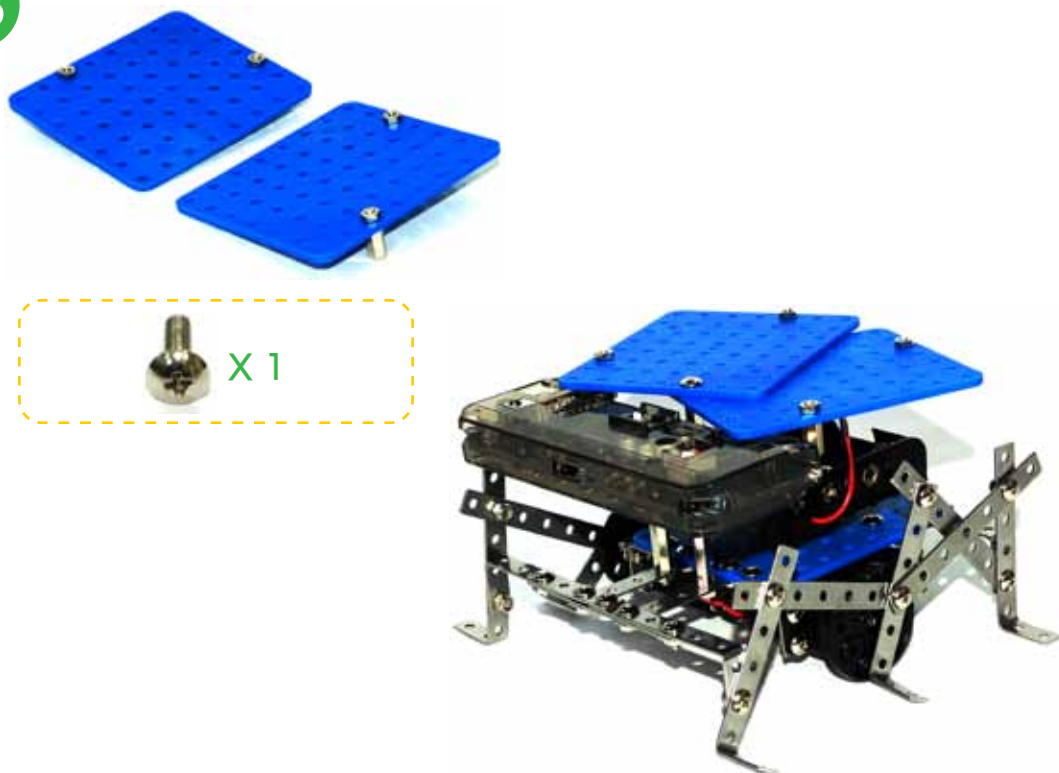
X 2

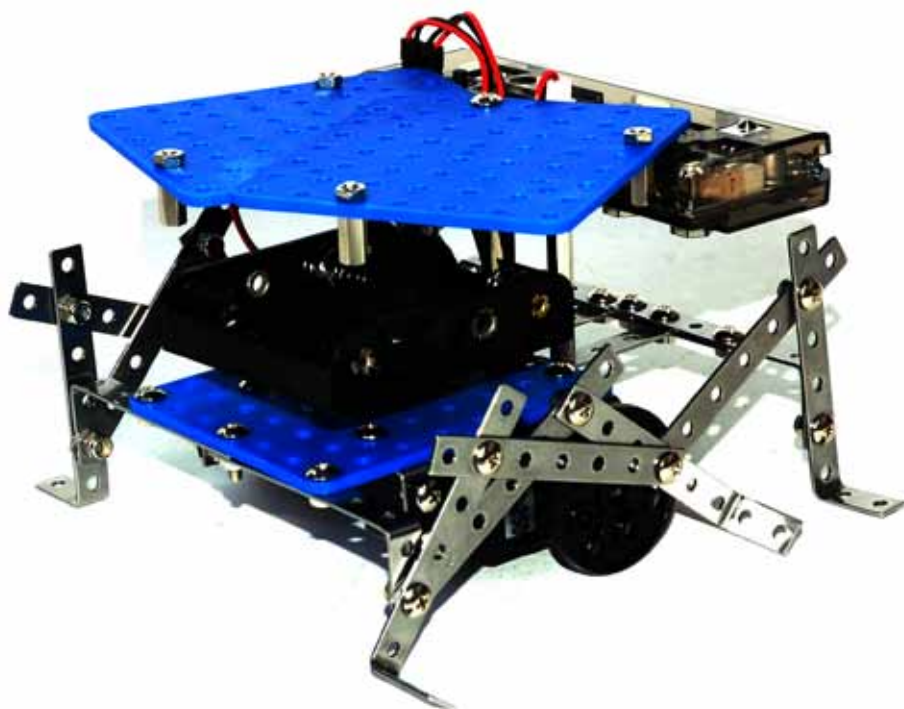
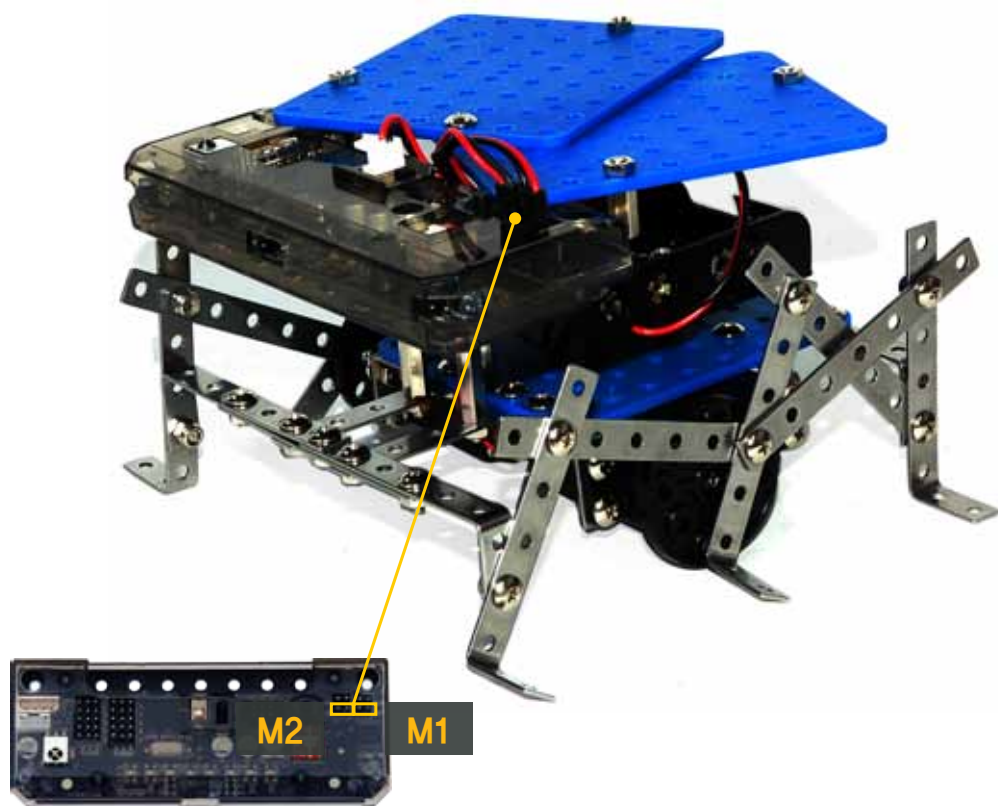


12



13

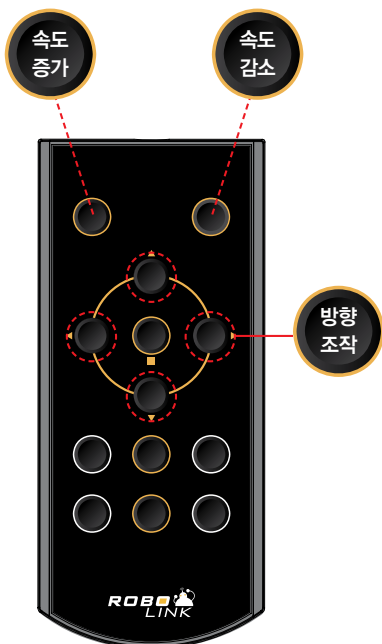
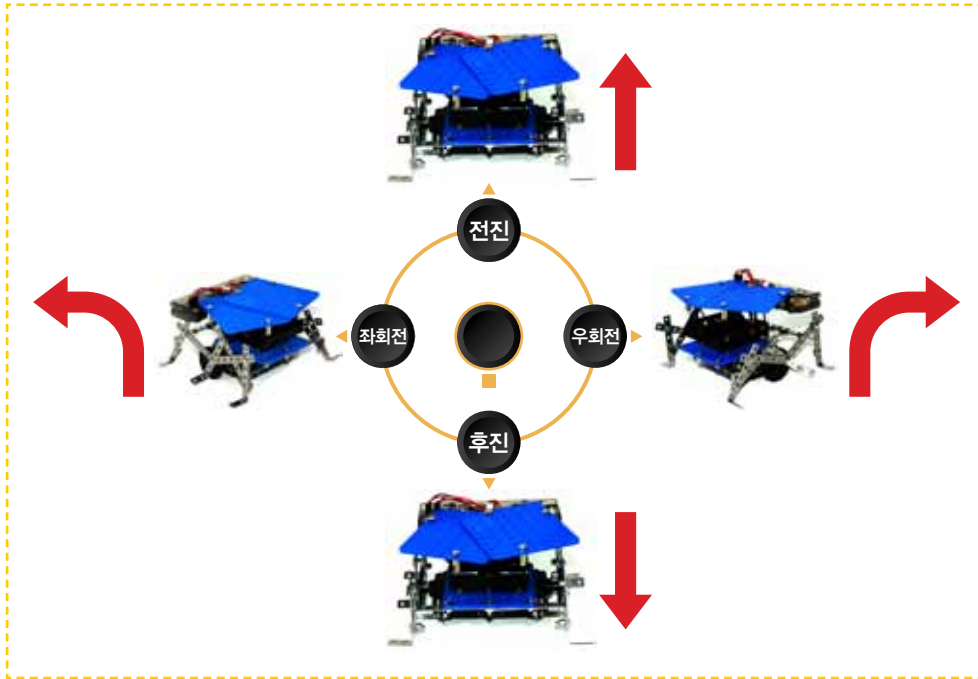




구동하기



버그 로봇은 프로그램 모드 11번을 선택하여 구동합니다.



속도가 증가할수록, 불빛이 증가합니다.



← 속도가 낮을 때 →



← 속도가 높을 때 →