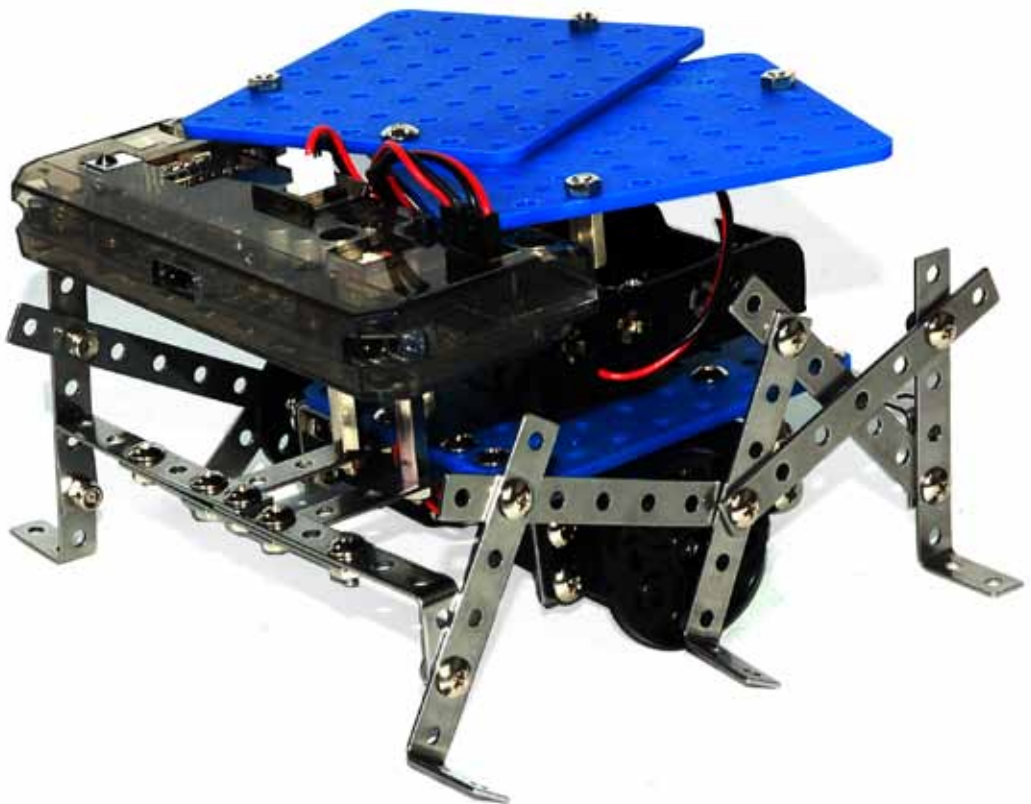


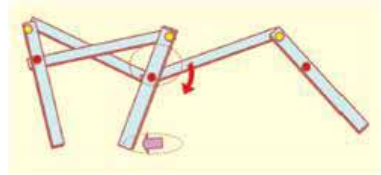
## 11. Bug Robot



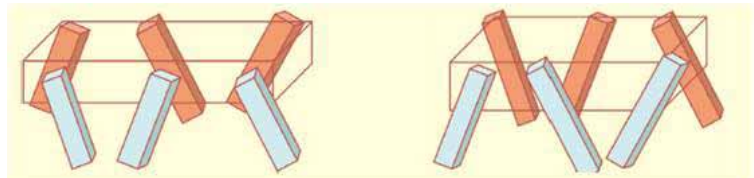
# Introduction and how it works



This robot has 2 DC motors and 6 legs that can be moved.



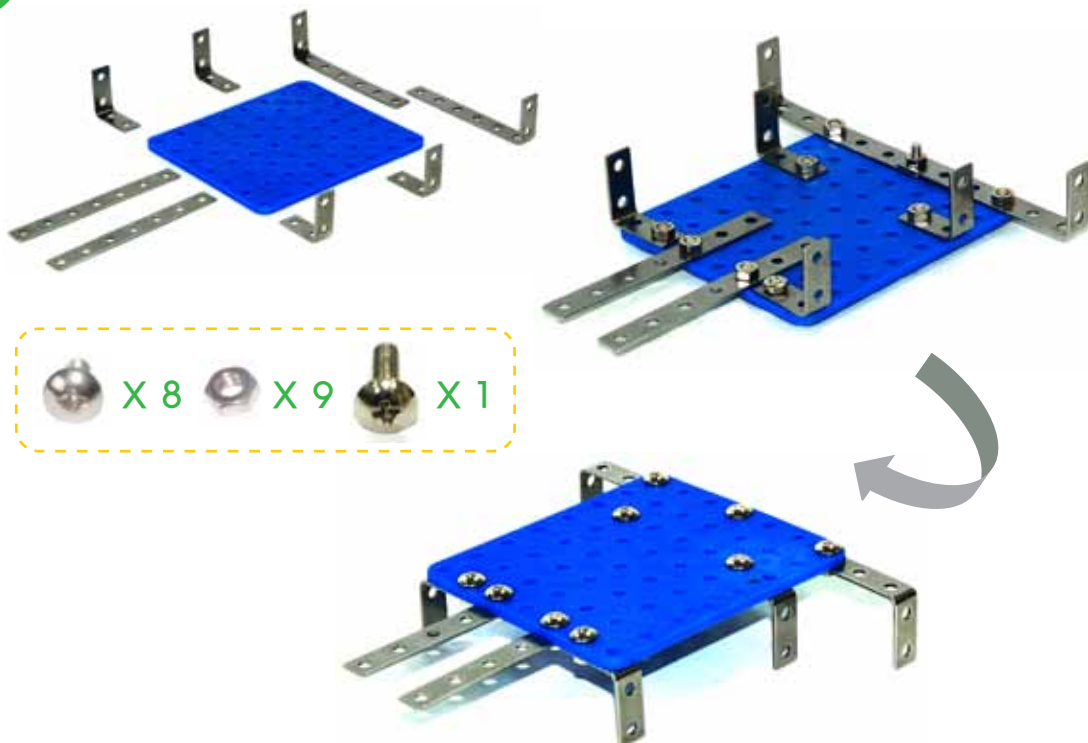
This robot can change rotational motion to reciprocating motion and vice versa.



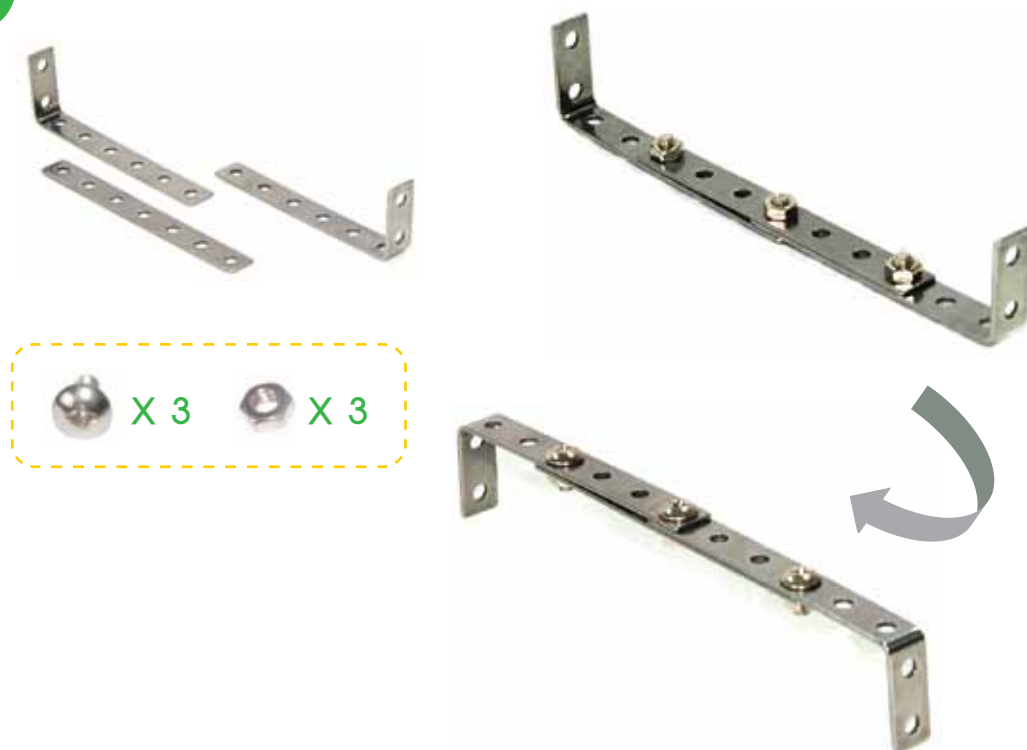
Many devices or robots use the function that can change rotational motion to reciprocating motion and vice versa.



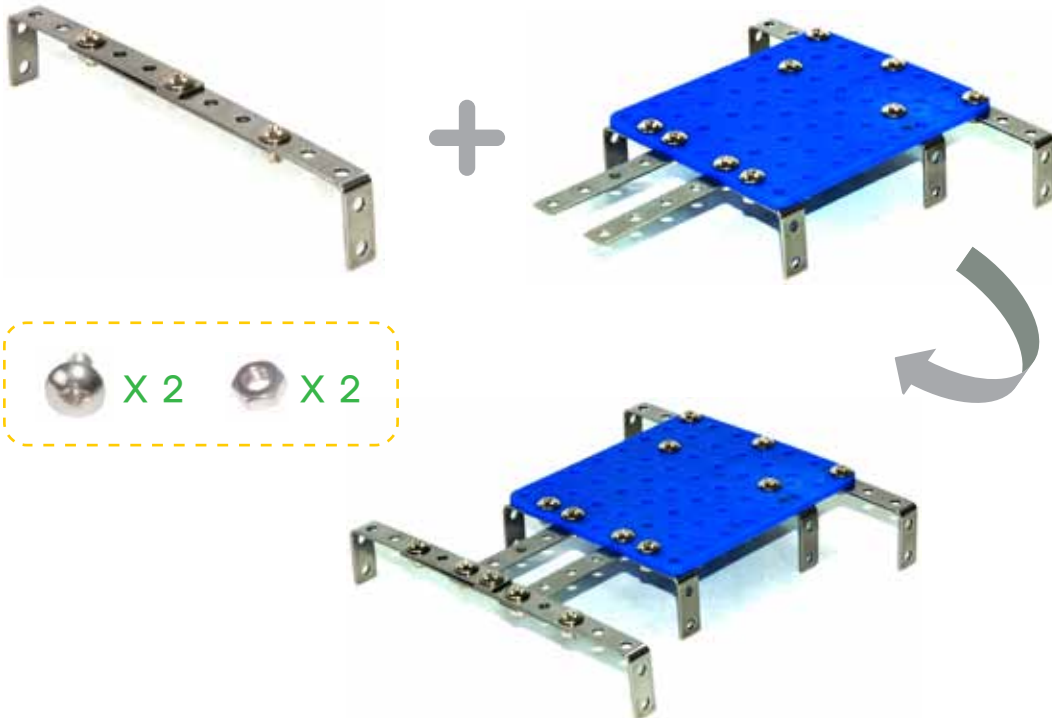
1



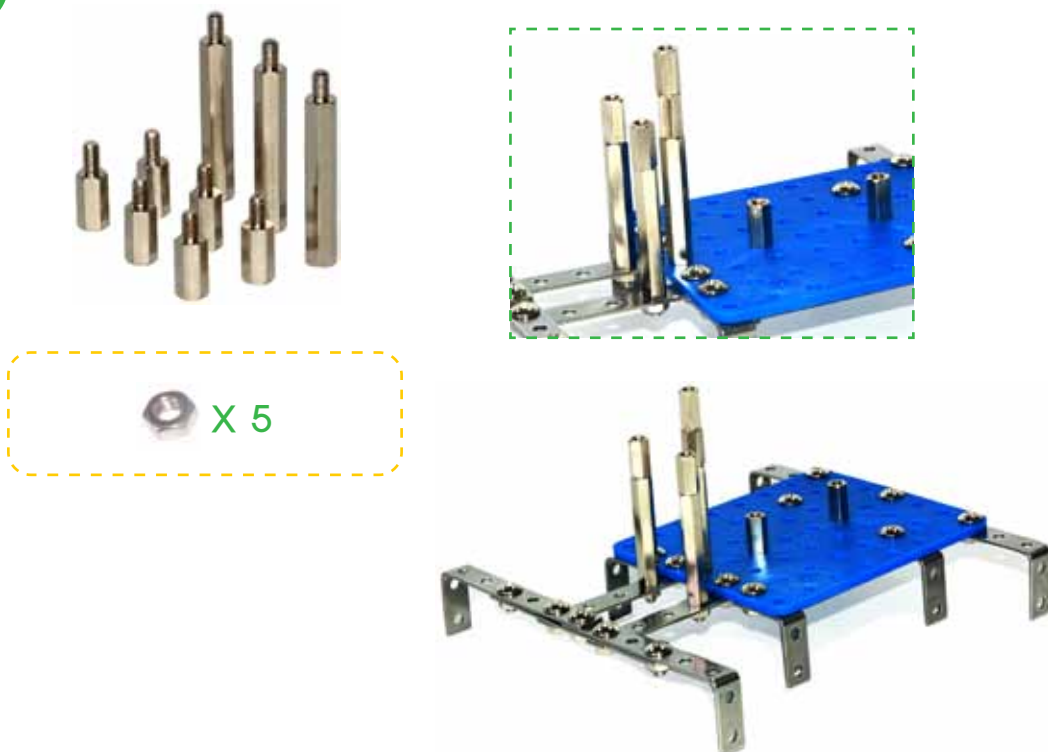
2



3



4



5



X 8



X 8

6



X 1



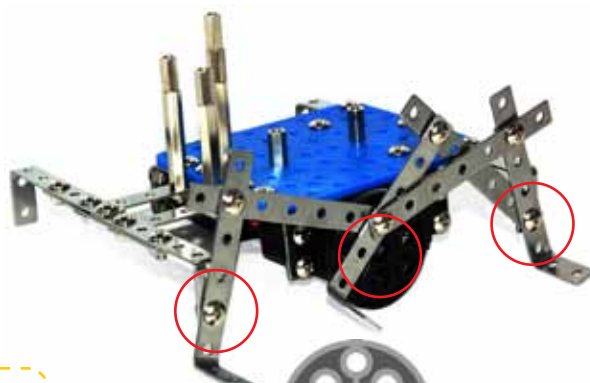
X 4



X 3



7



X 1



X 2



X 2



8



X 1



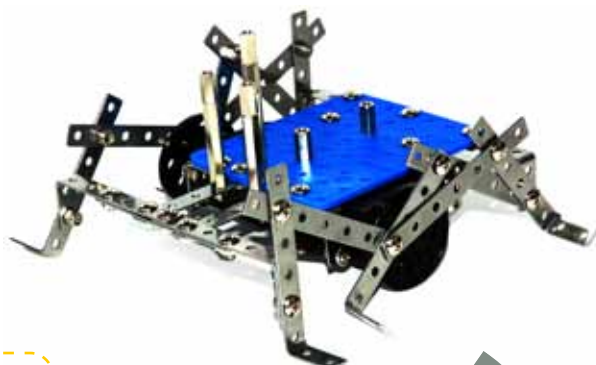
X 4



X 3



9



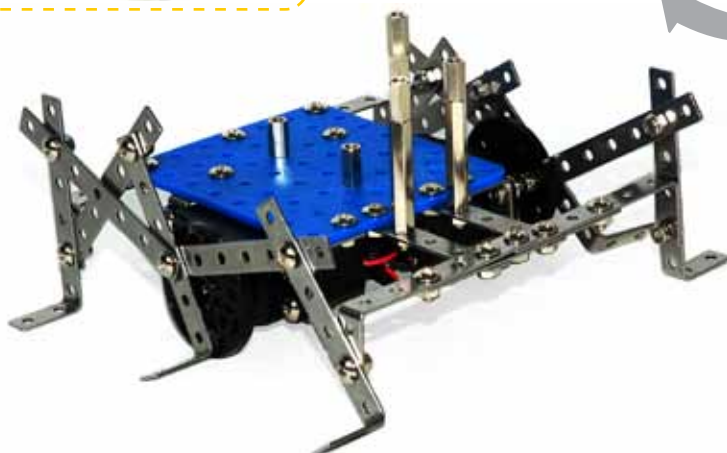
X 1



X 2



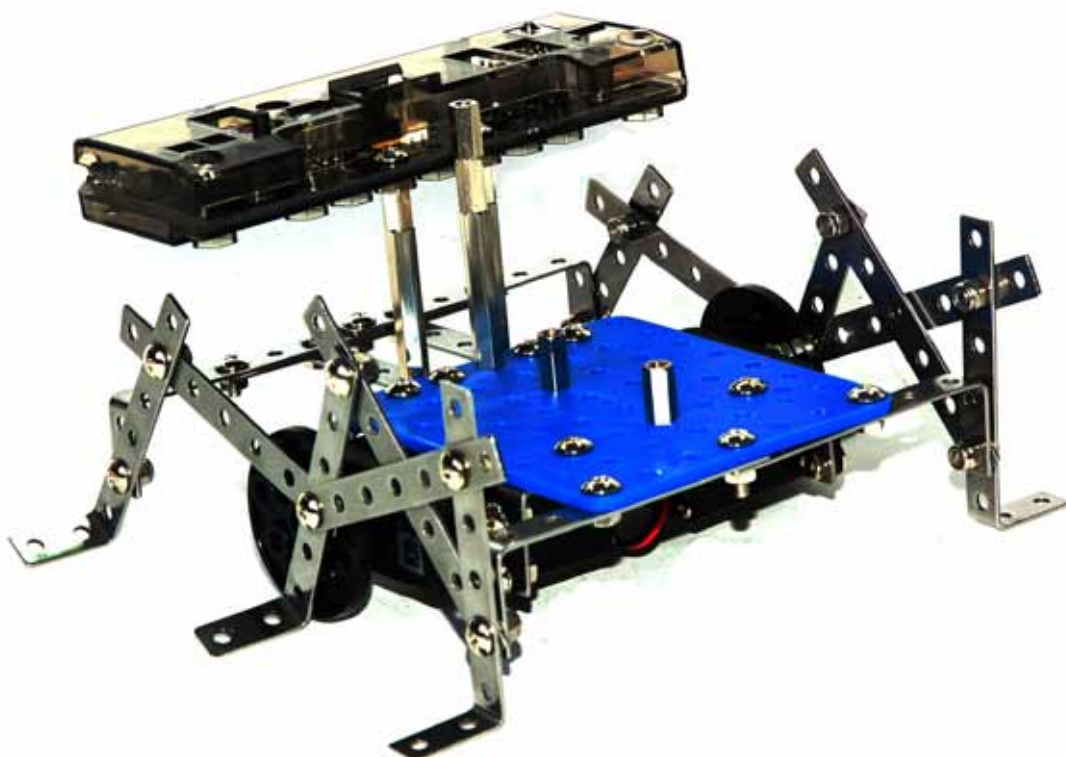
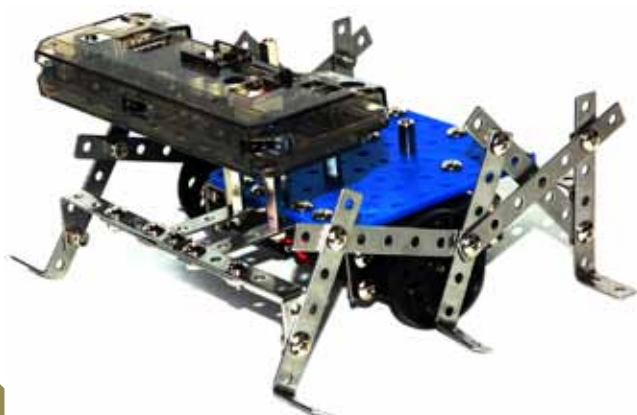
X 2

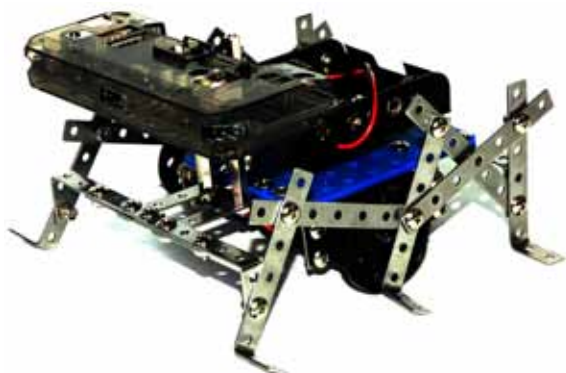




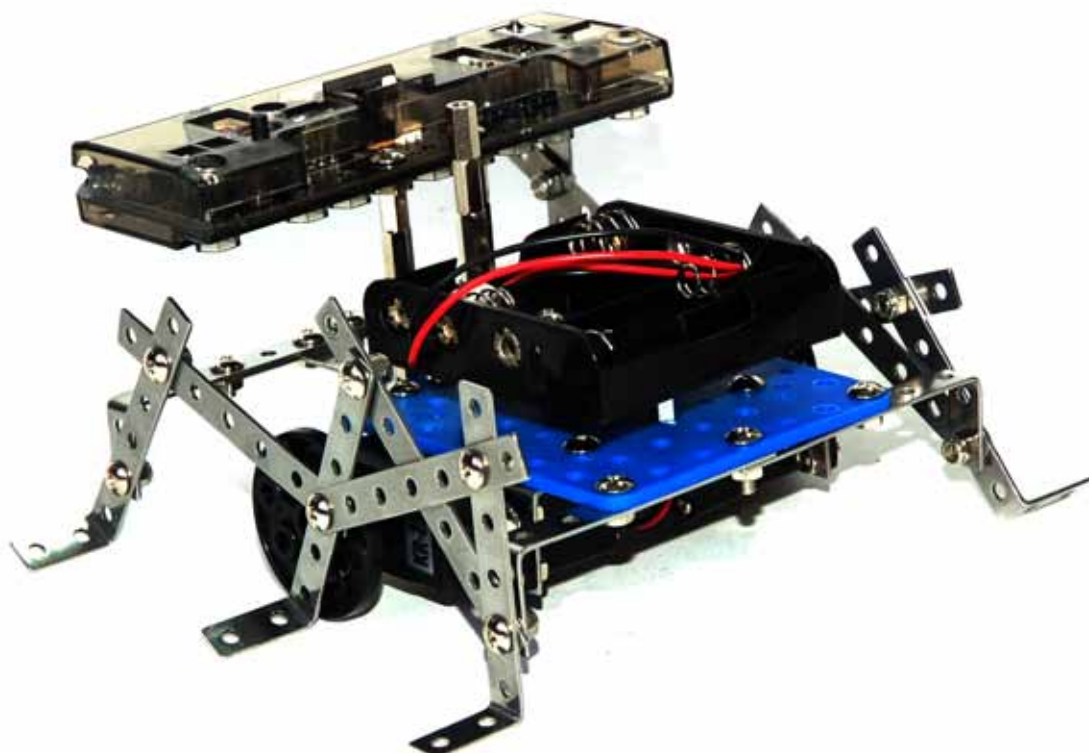


X 2



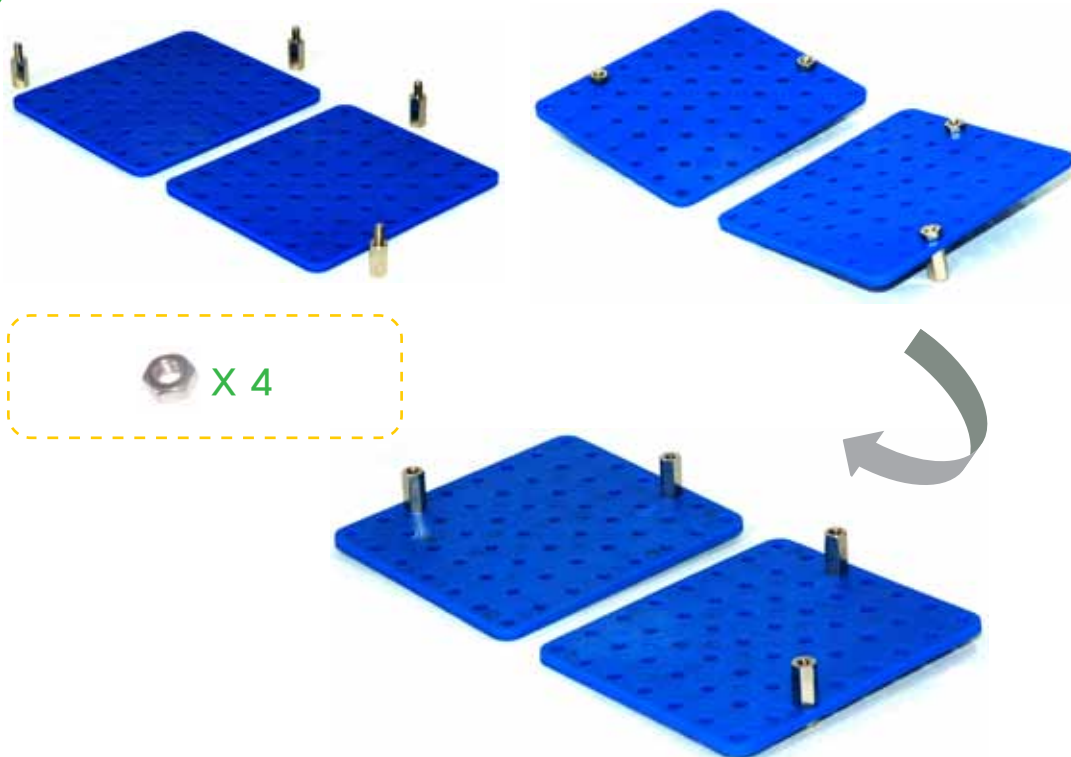


X 2

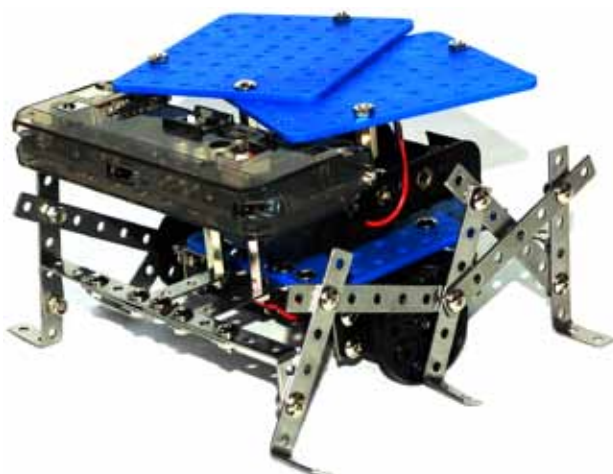




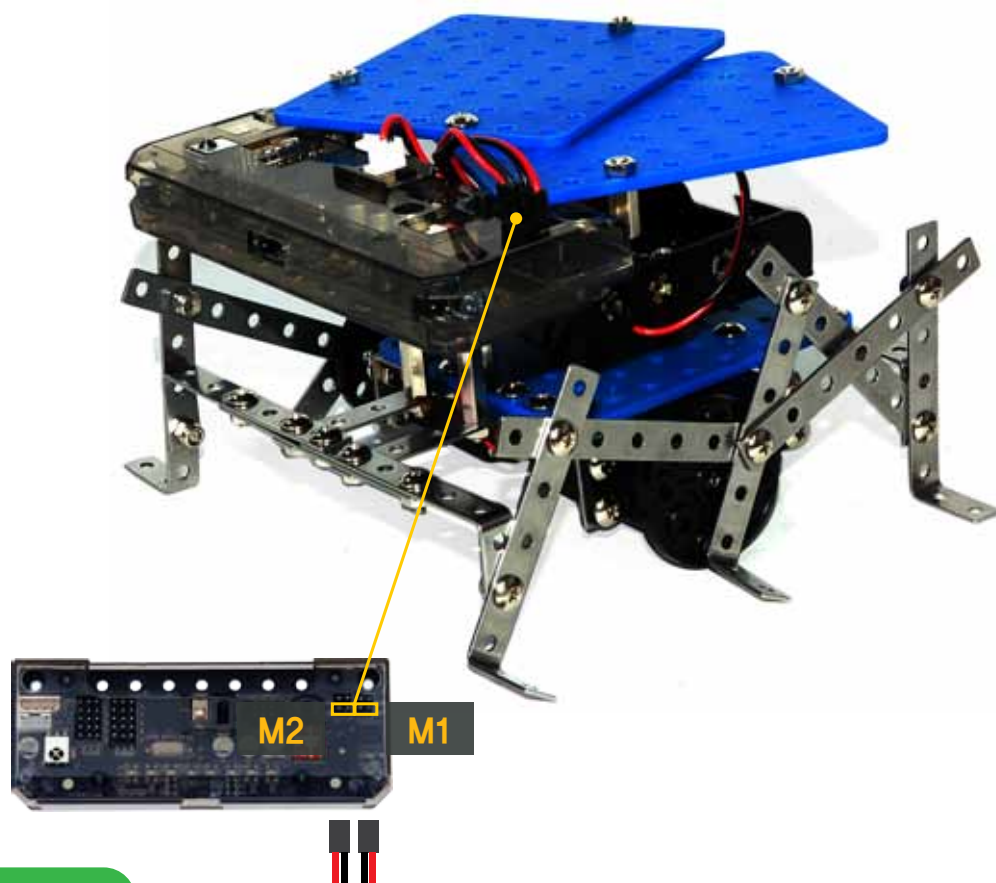
12



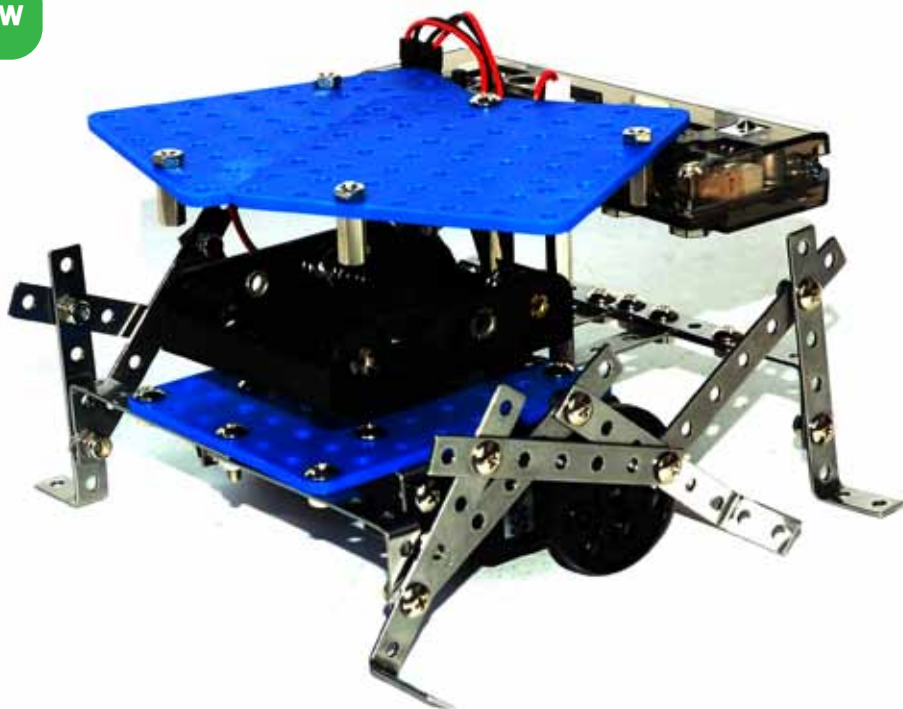
13



completion



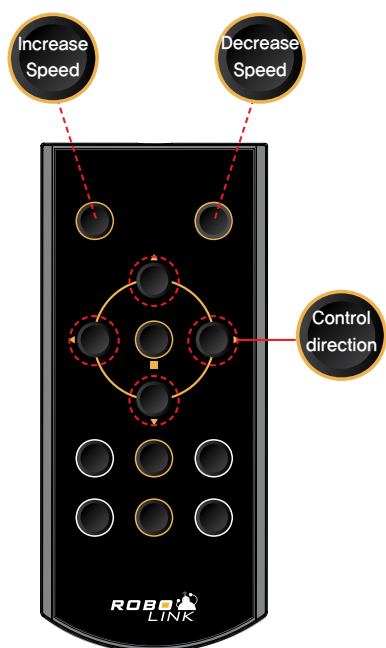
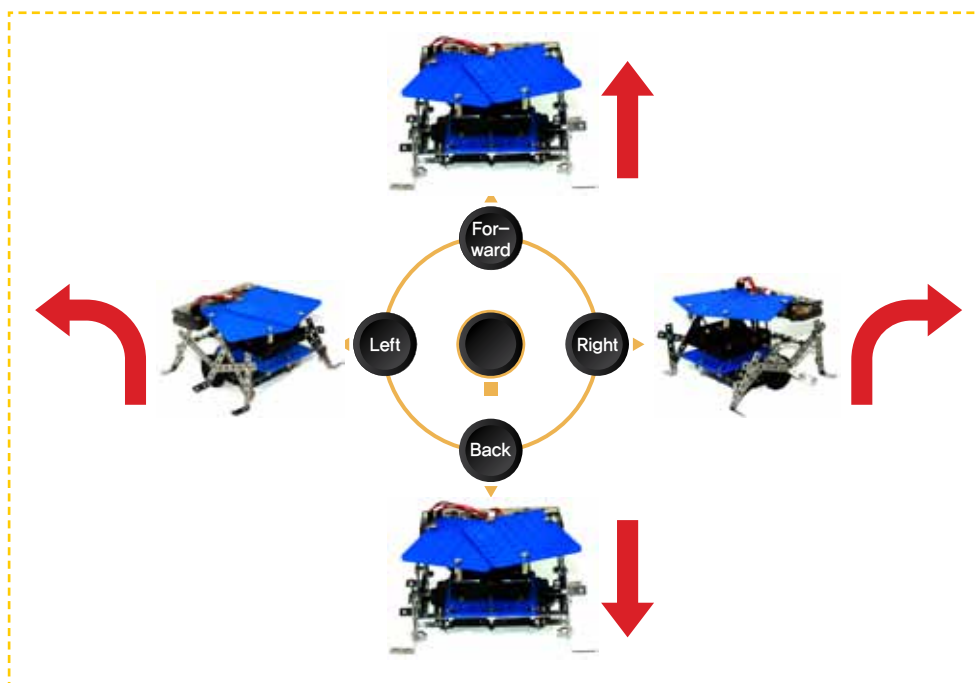
Back view



# Acting Module



Bug Robot uses program mode 11 to operate.



When the speed increases, more LEDs turn on, and vice-versa.



At low speed



At high speed