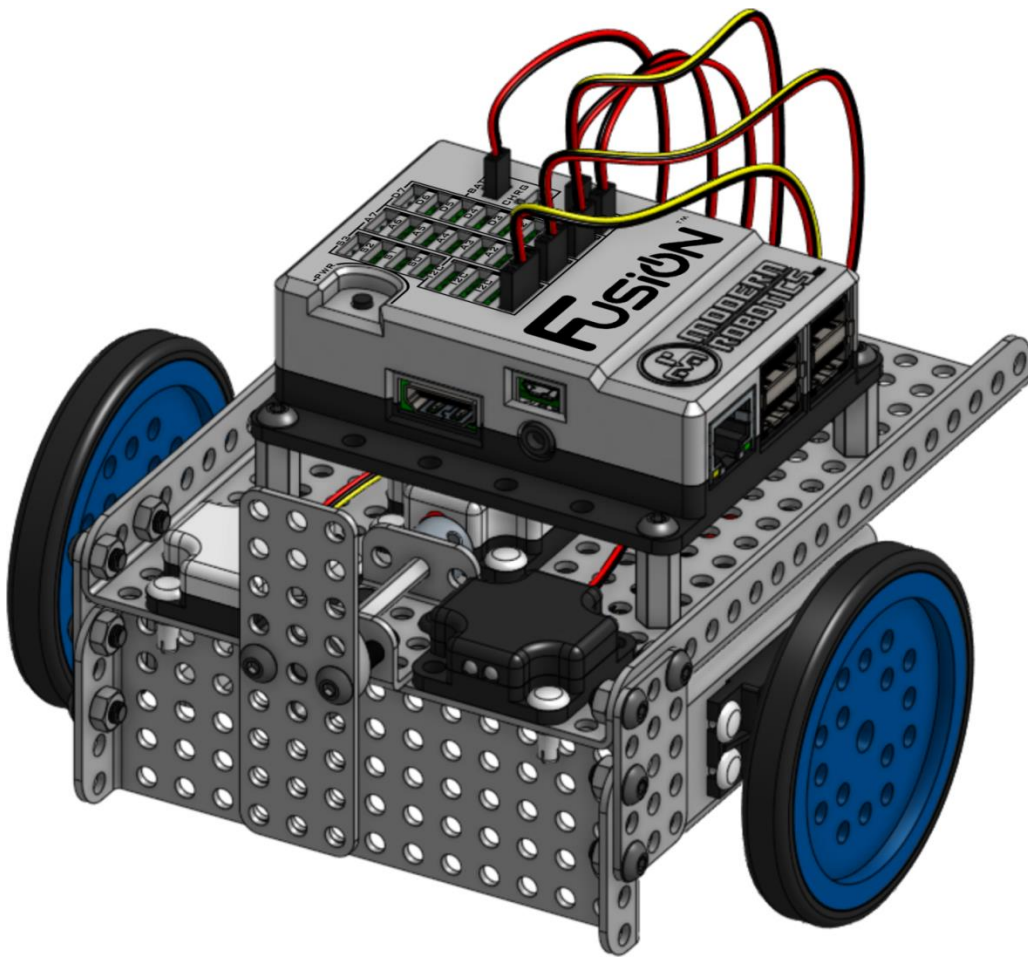
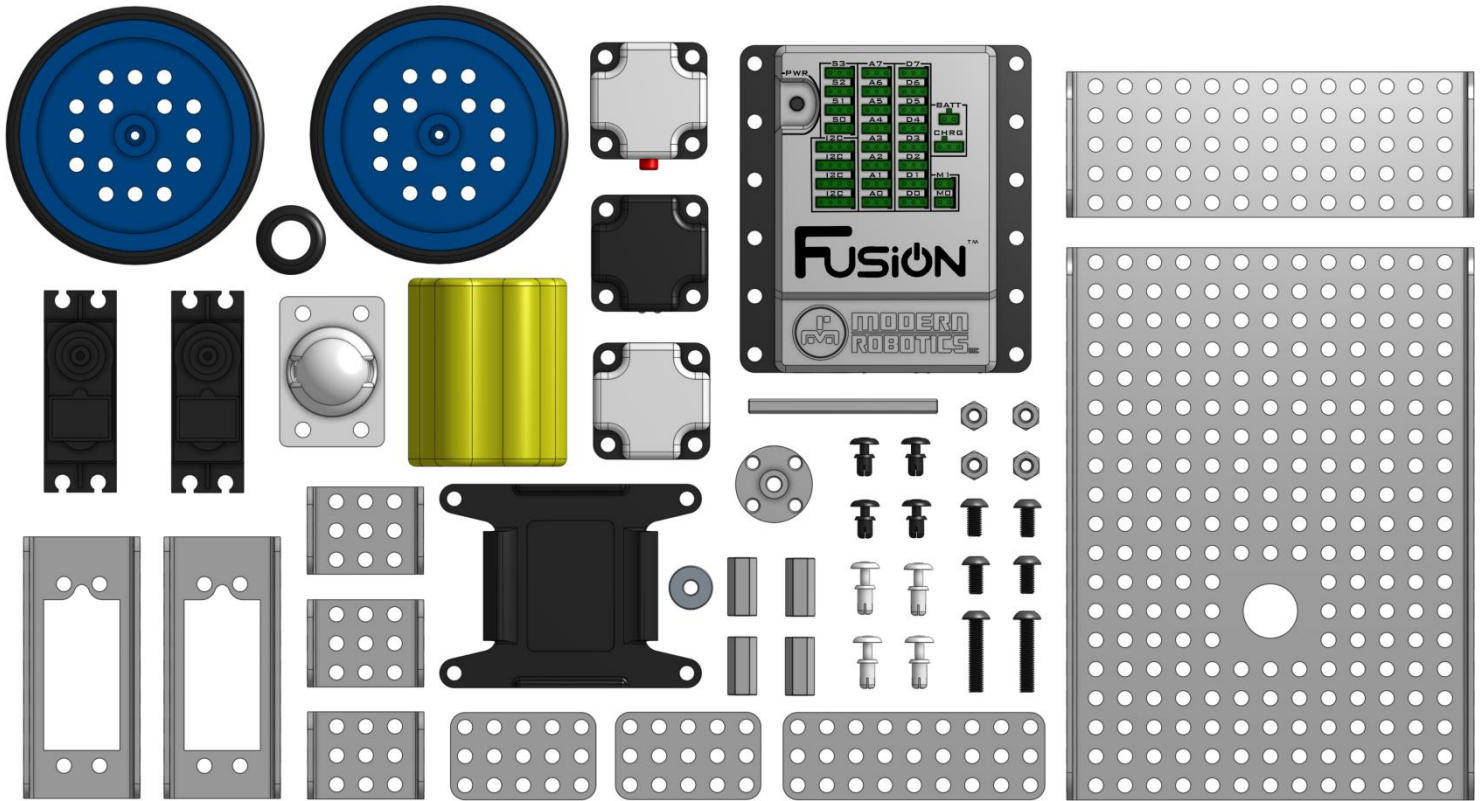


# [Legacy] Base Bot Building Instructions



Version 1.0.0a  
Modern Robotics, Inc.



## ***Legacy BaseKit Build Instructions***

These build instructions are for the original Modern Robotics/MyBot Base Kit and are provided for  
**REFERENCE USE ONLY.**

Please do not build a new robot using these instructions.

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Specifications subject to change without notice.

# Bill of Materials

x2  
04-0305  
3x5 Gusset Plate

x1  
08-0019  
Axle Collar

x14  
11-6002  
Quick Connect Medium

x1  
04-0309  
3x9 Gusset Plate

x4  
09-0003  
16mm Standoffs

x1  
45-0300  
Battery Pack Mount

x3  
05-0303  
3x3 Flanged Plate

x1  
10-0052  
52mm D-Shaft

x1  
45-1007  
Push-In Grommet

x1  
05-0513  
5x13 Flanged Plate

x32  
11-4108  
M4 x 8mm Screw

x2  
45-1010  
DC Motor

x1  
06-1319  
13x19 Flanged Plate

x2  
11-4120  
M4 x 20mm Screw

x1  
45-1300  
6V Battery Pack

x2  
07-0008  
Servo/Motor Plate

x24  
11-4501  
M4 Hex Nut

x2  
45-1400  
Wheel

x1  
08-0007  
Axle Hub

x2  
11-6001  
Quick Connect Short

x1  
45-2005  
Integrating Gyro

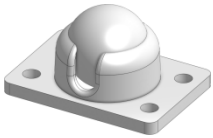
# Bill of Materials



x1  
45-2006  
Optical Distance Sensor



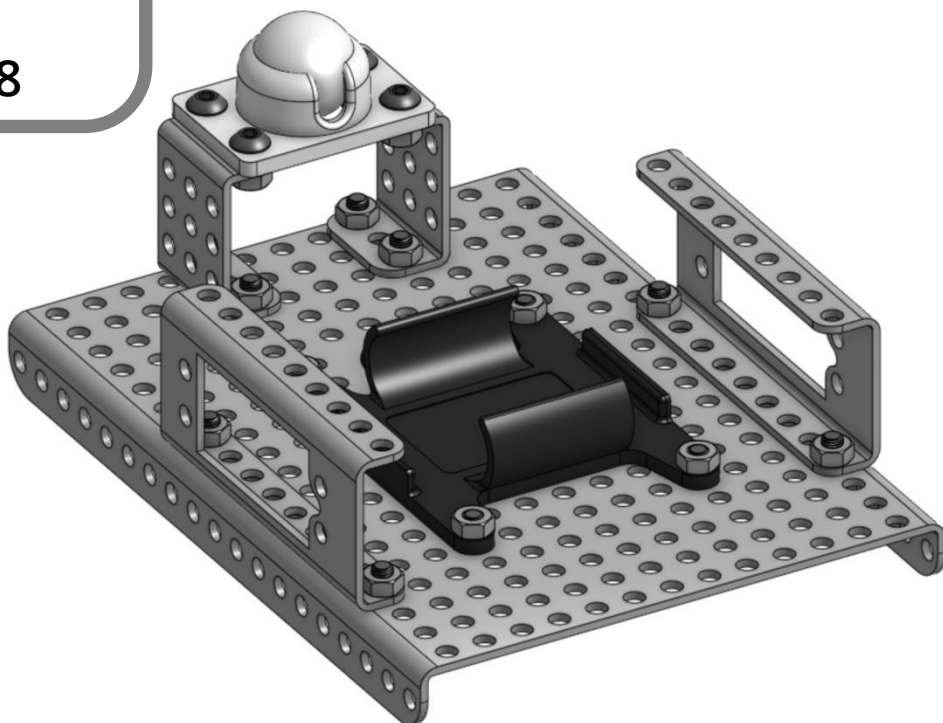
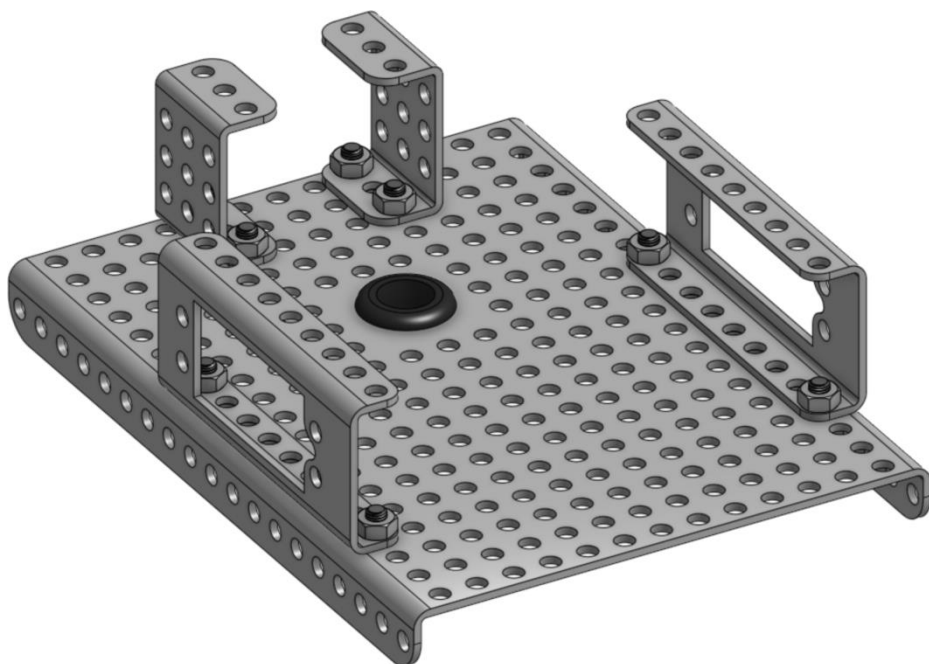
x1  
45-2007  
Touch Sensor



x1  
45-2100  
19mm Ball Caster



x1  
52-2022  
Fusion Controller





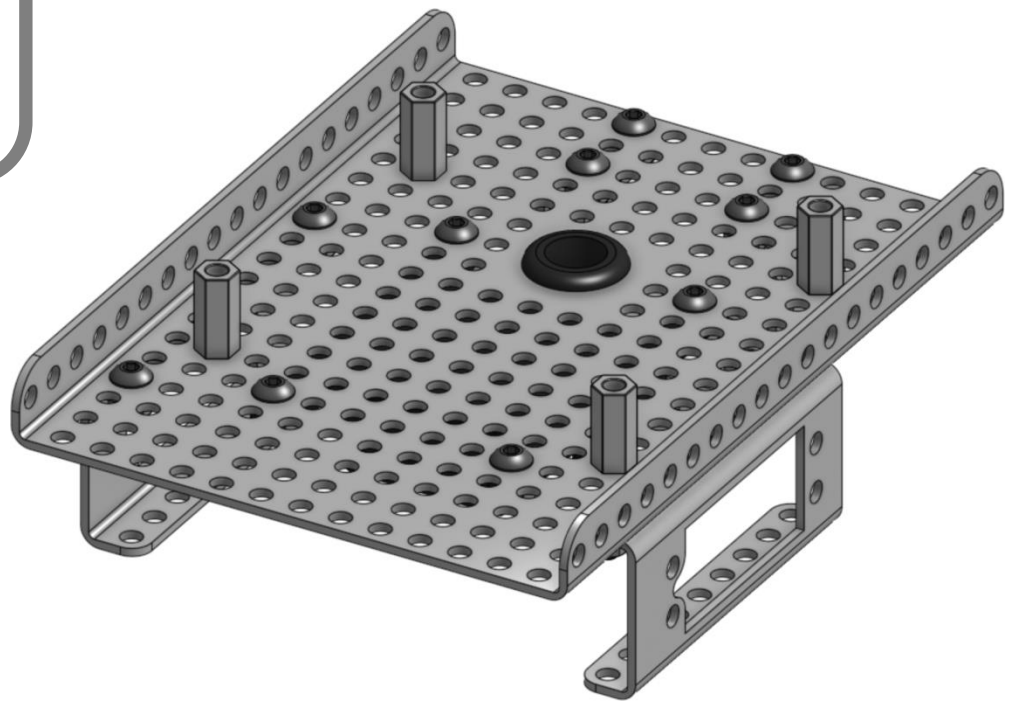
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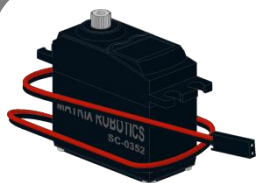
x4



x4(8mm)



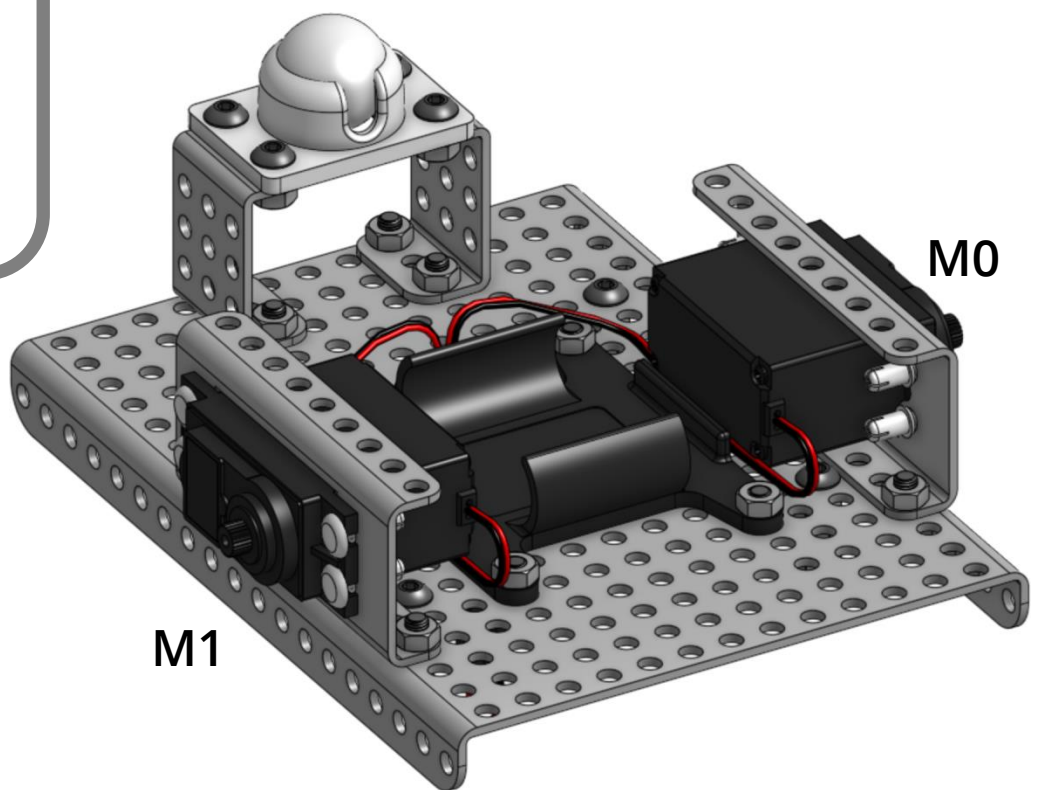
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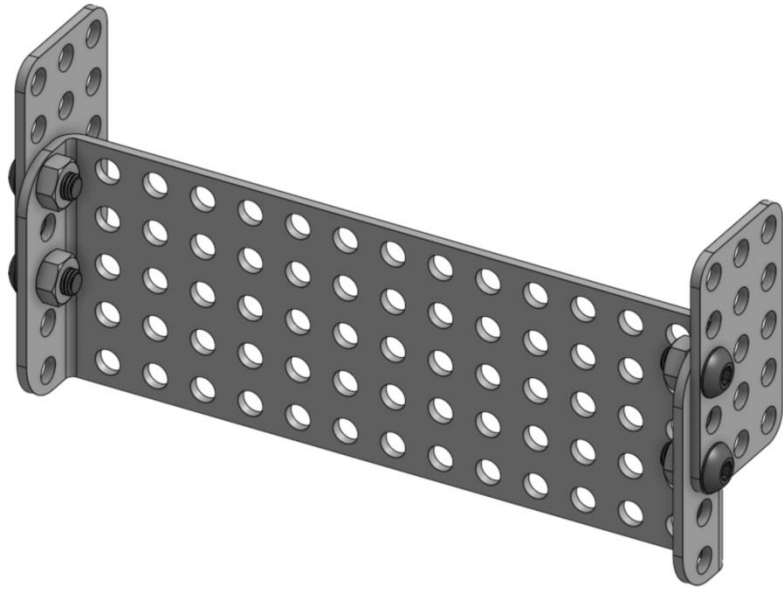
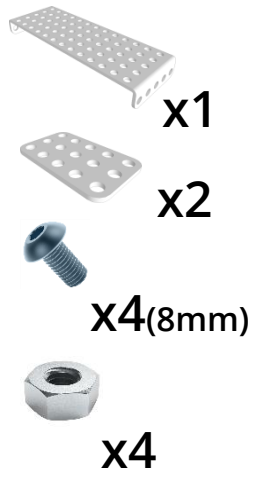
x2



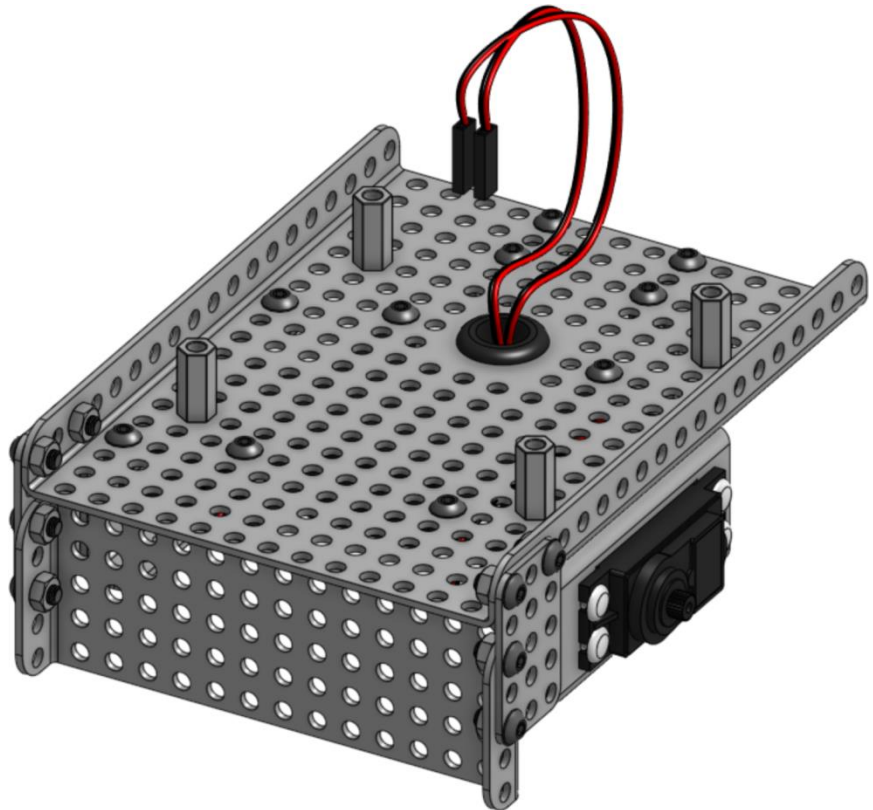
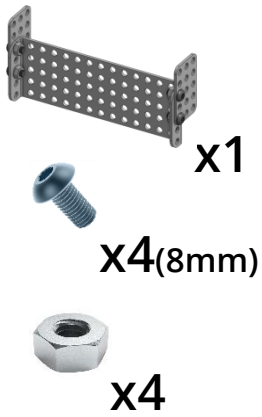
x8



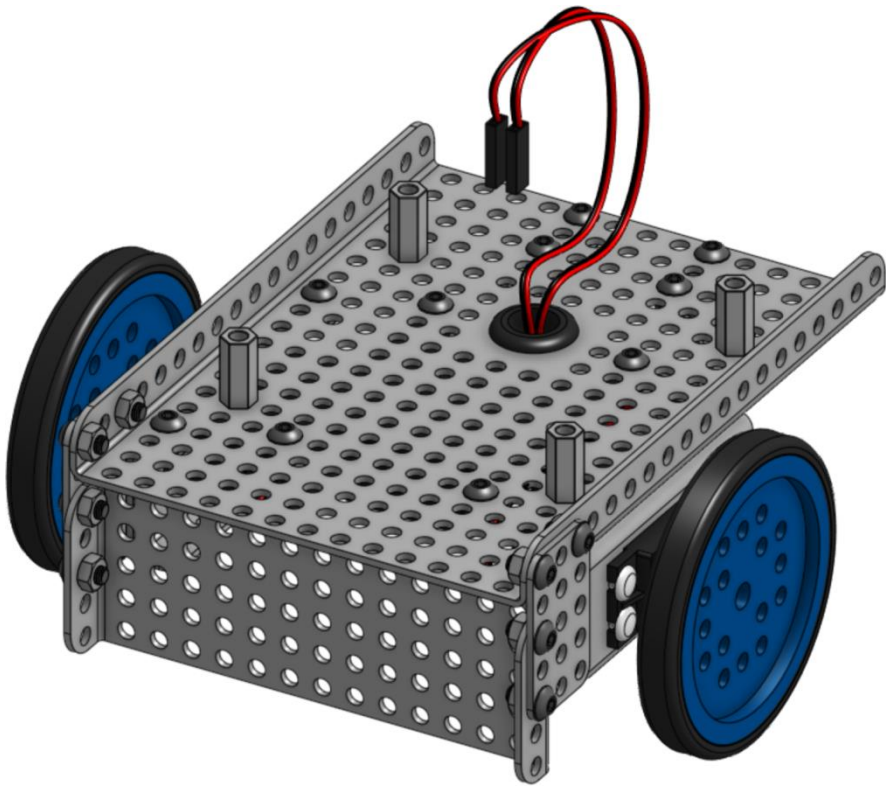
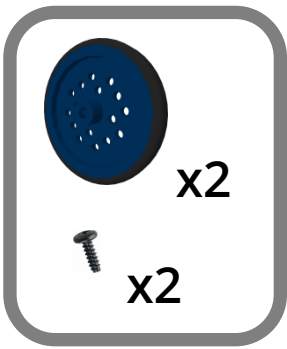
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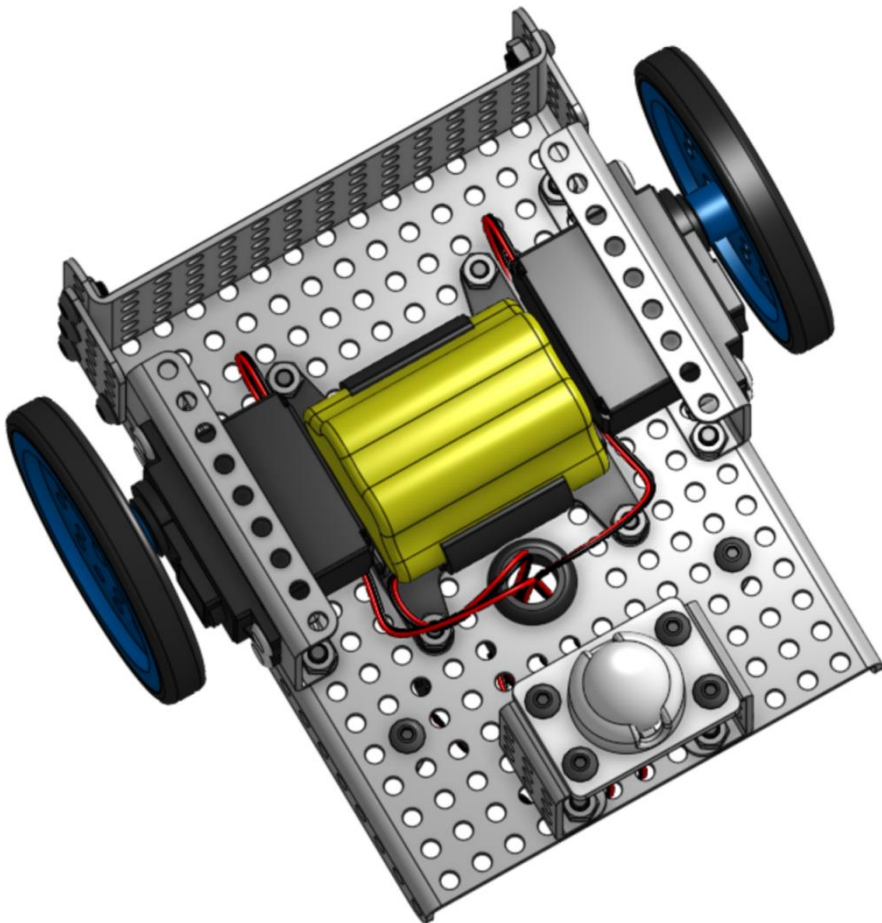
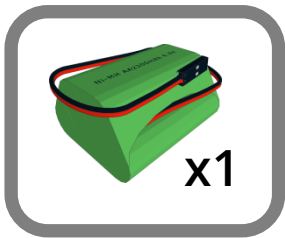
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7

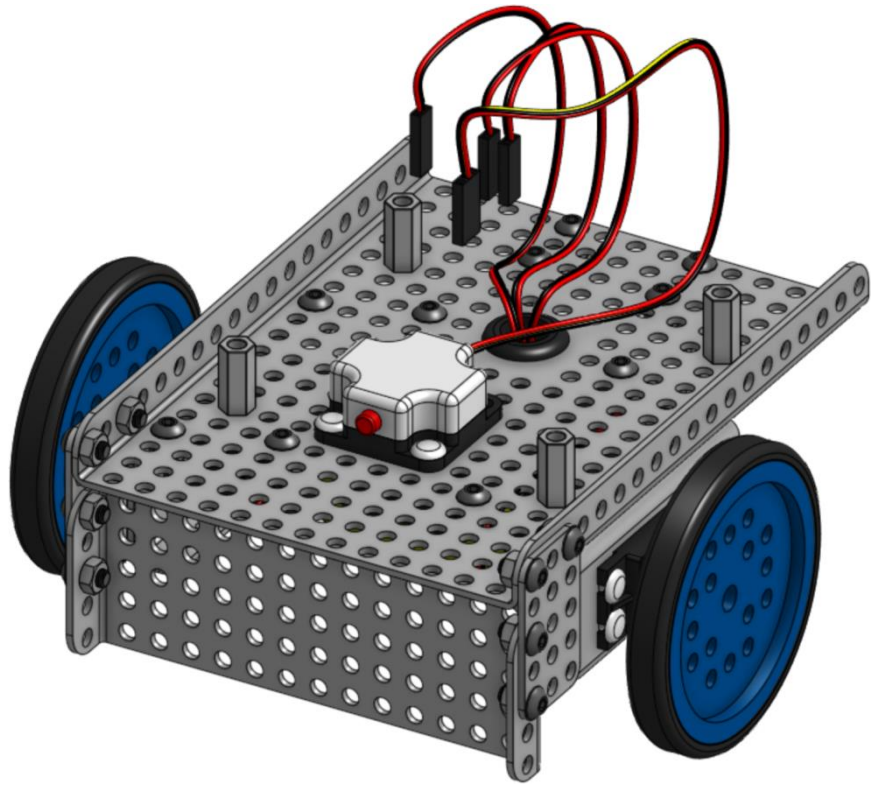
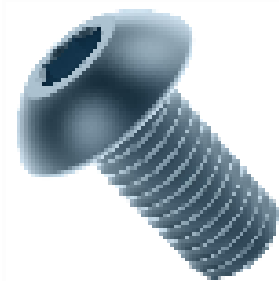
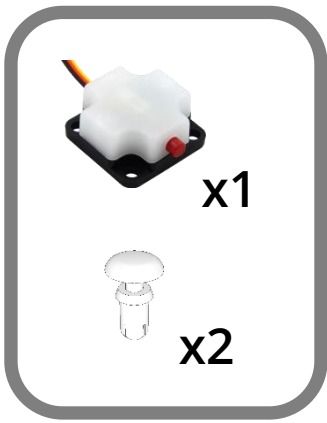


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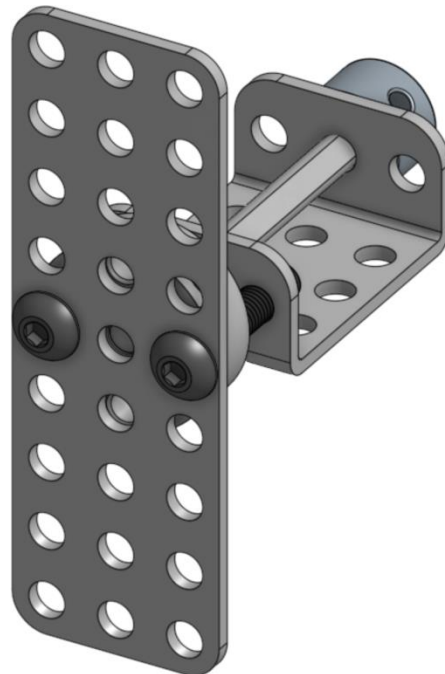
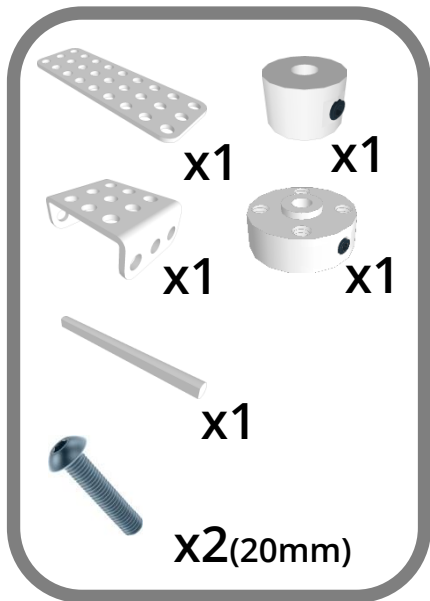




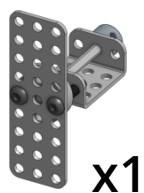
9



10



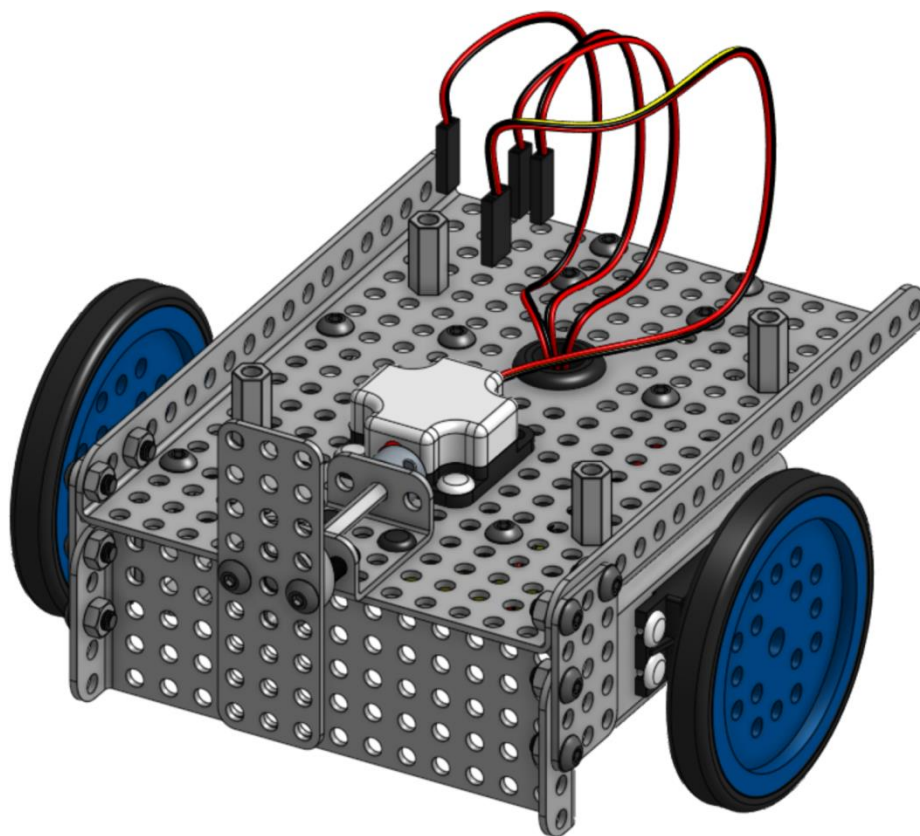
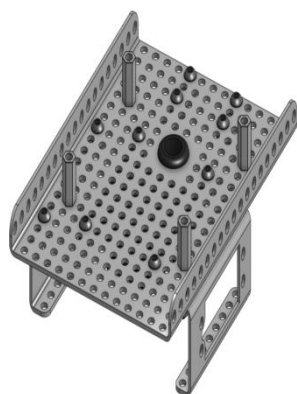
# 11



x1



x2



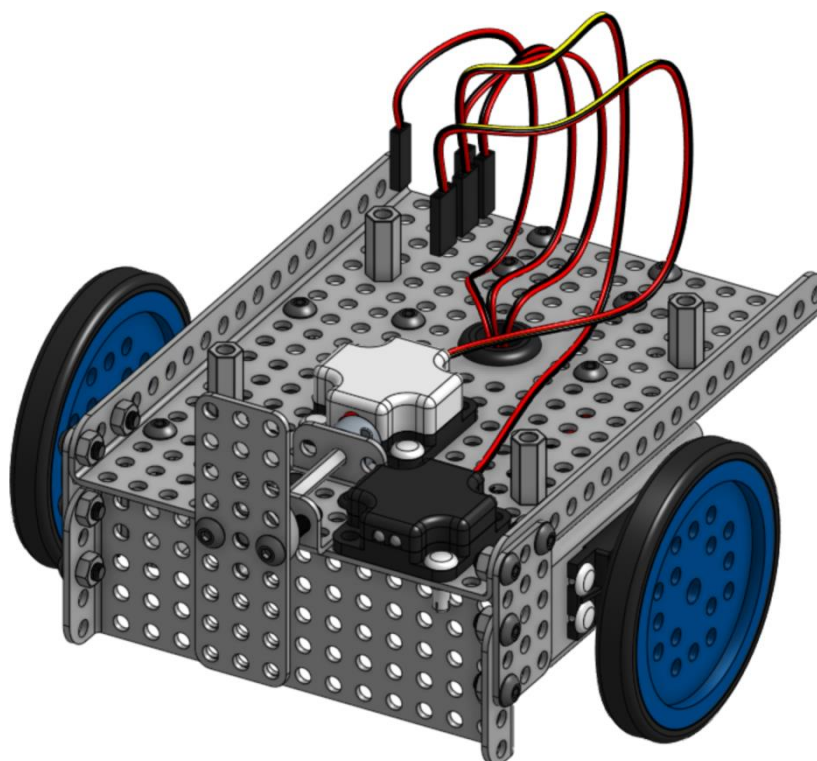
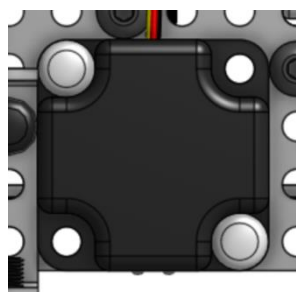
# 12



x1



x2



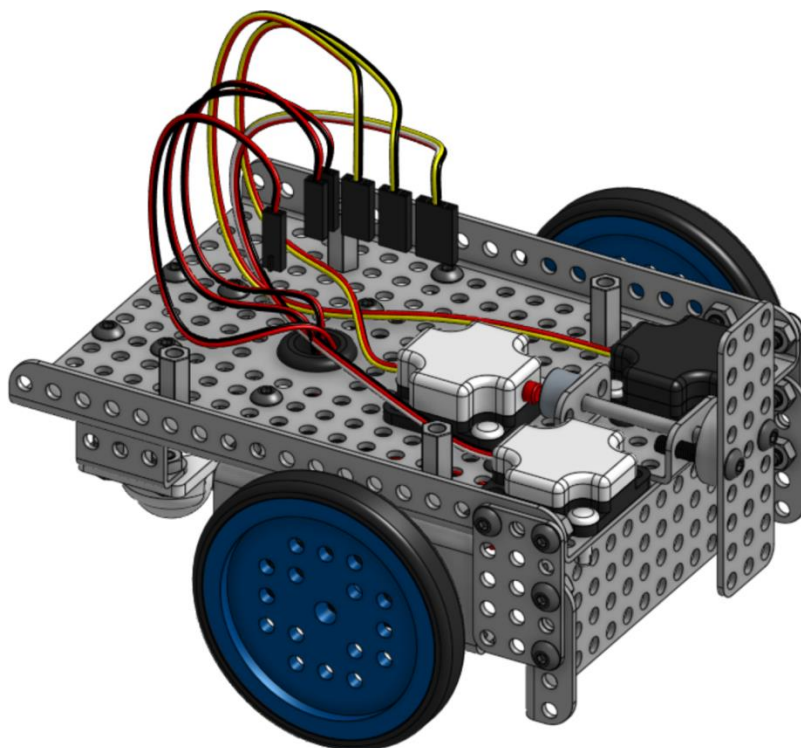
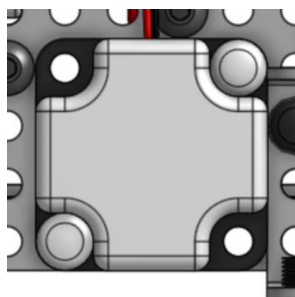
# 13



x1



x2



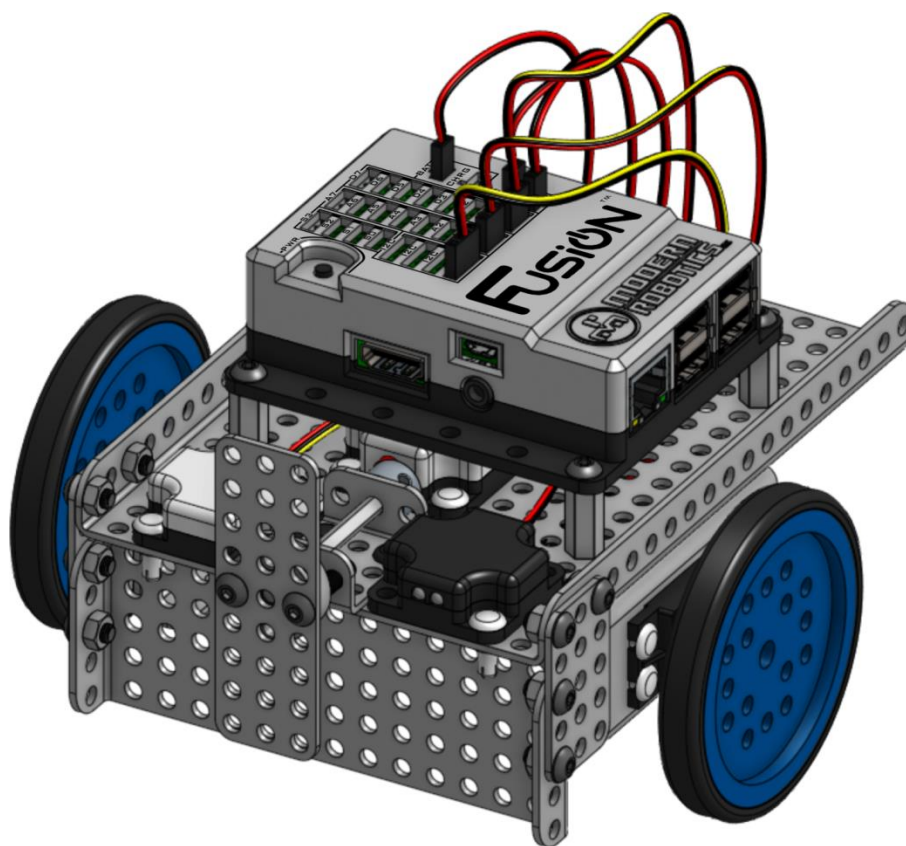
# 14



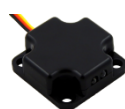
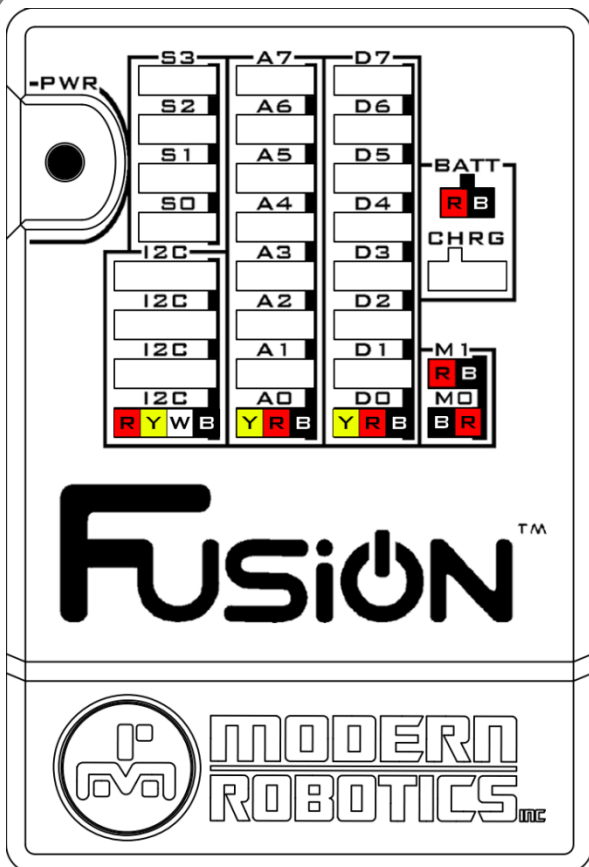
x1



x4(8mm)







Optical Distance Sensor



A0



Touch Sensor



D0



Integrating Gyro



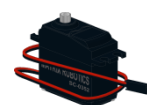
I2C



Right Motor



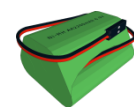
M0



Left Motor



M1



Battery



BATT

