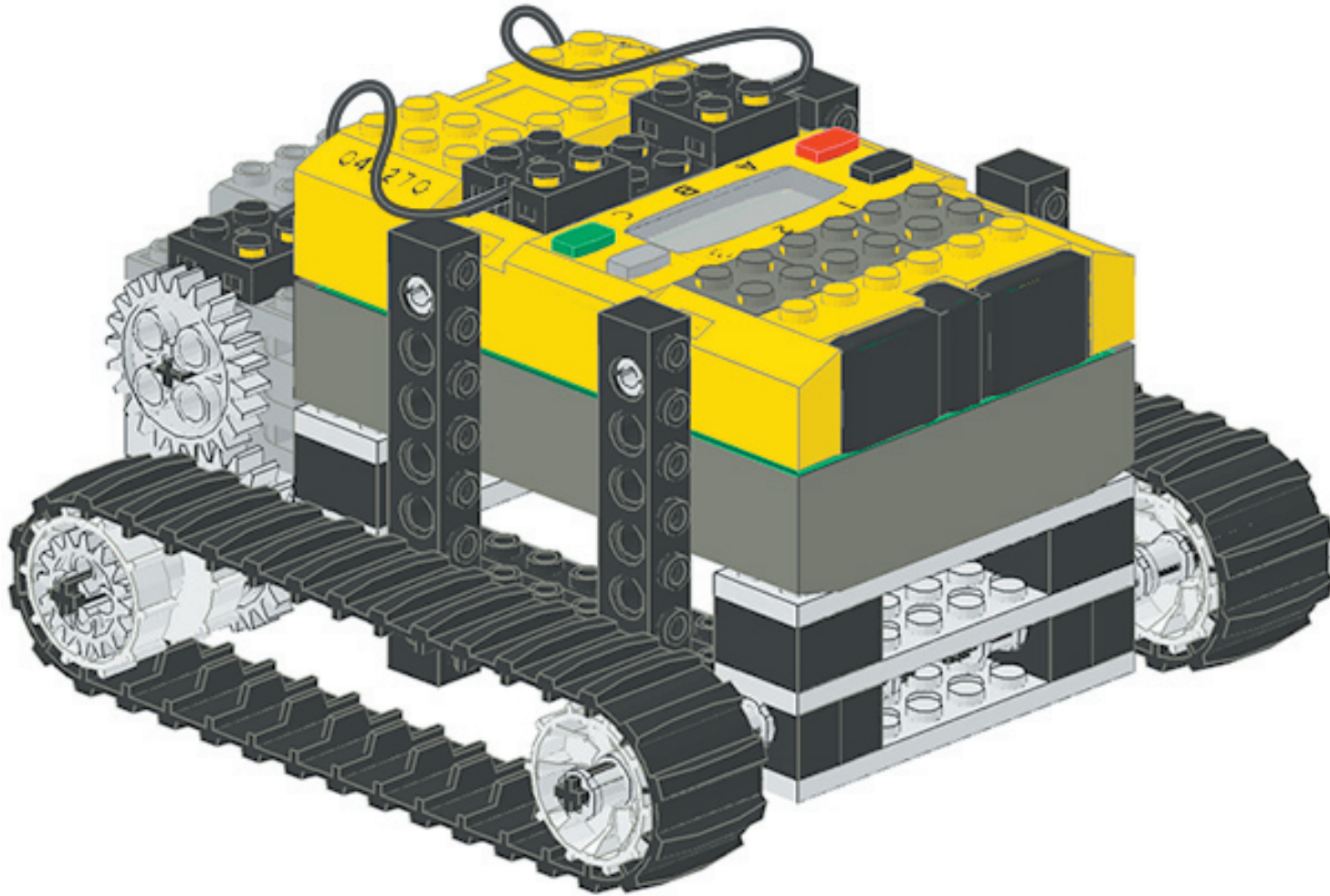
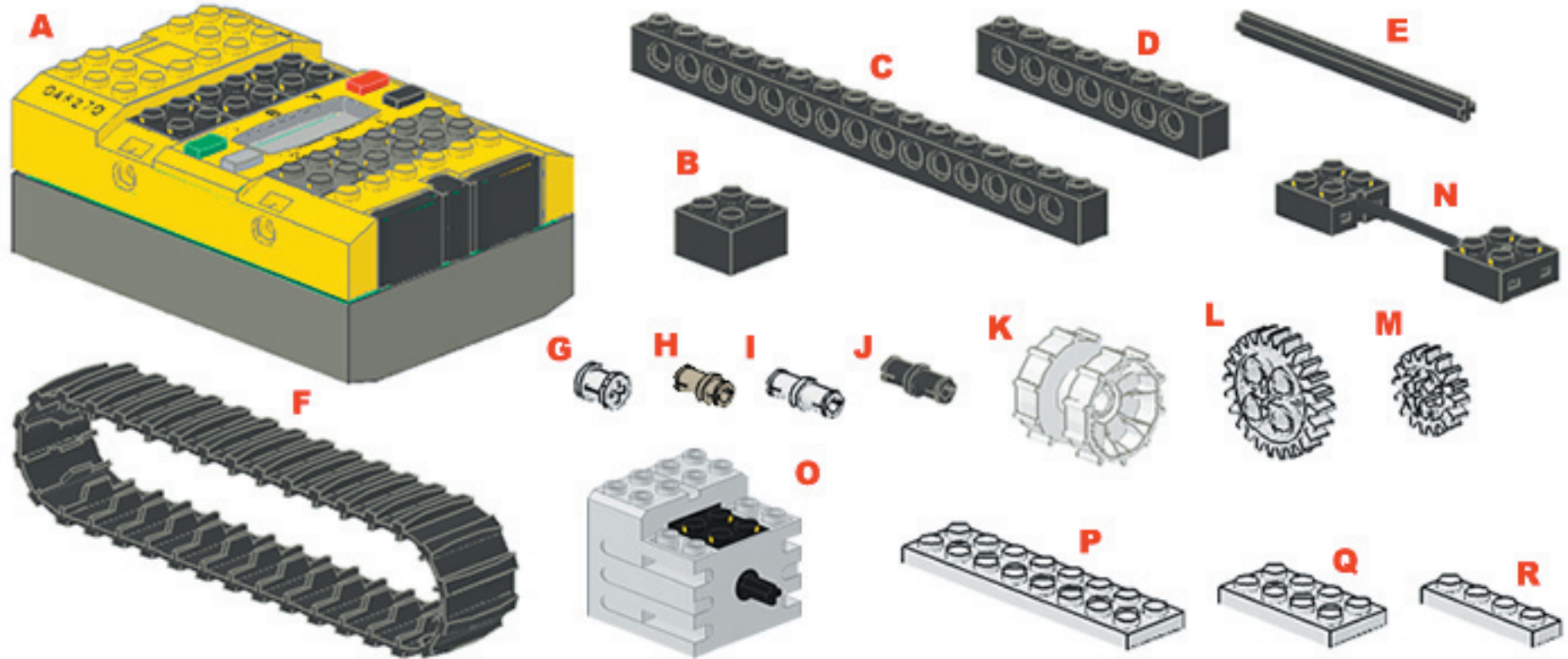


# Tankbot

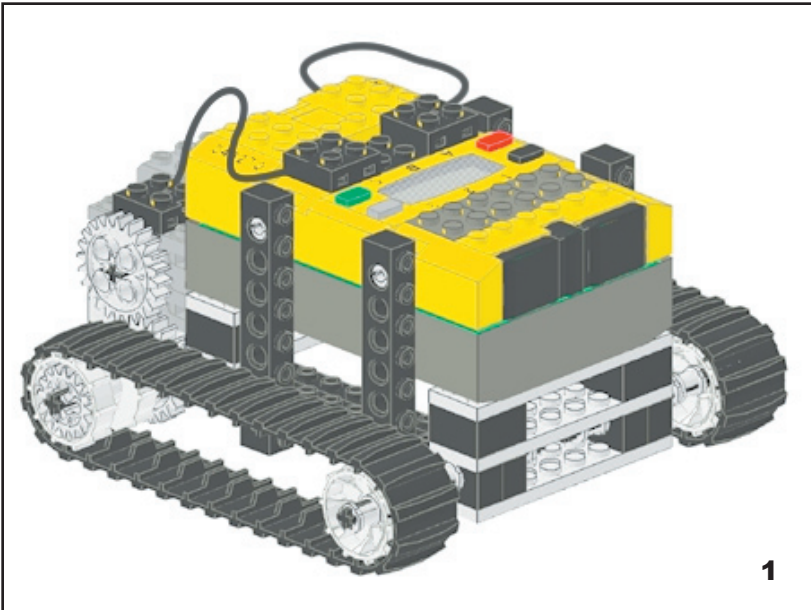
## Building Instructions



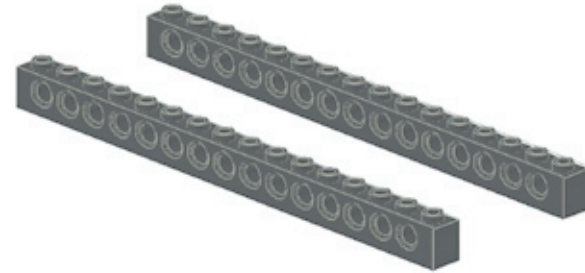
# Tankbot Parts Page



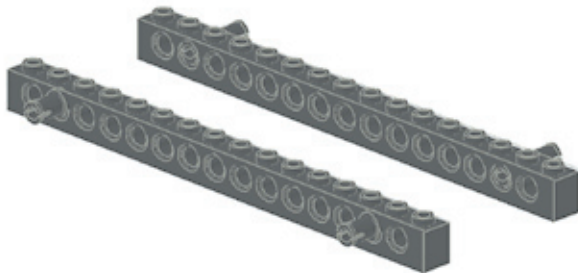
RCX	<b>A</b>	-	1	1 ½ Connector Peg	<b>H</b>	-	4	Gear Motor	<b>O</b>	-	2
2x2 Brick	<b>B</b>	-	4	Connector Peg	<b>I</b>	-	4	2x8 Plate w/Holes	<b>P</b>	-	8
1x16 TECHNIC Brick	<b>C</b>	-	4	Connector Peg w/Friction	<b>J</b>	-	4	2x4 Plate w/Holes	<b>Q</b>	-	2
1x8 TECHNIC Brick	<b>D</b>	-	4	Rim for Belt	<b>K</b>	-	4	1x4 Plate	<b>R</b>	-	2
8-Stud Axle	<b>E</b>	-	4	24-Tooth Gear Wheel	<b>L</b>	-	4				
Caterpillar Belt	<b>F</b>	-	2	16-Tooth Gear Wheel	<b>M</b>	-	2				
Full Bushing	<b>G</b>	-	12	Connecting Lead	<b>N</b>	-	2				



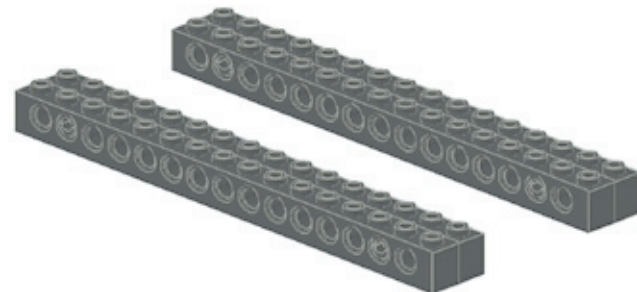
Begin with two 1x16 TECHNIC bricks. (C)



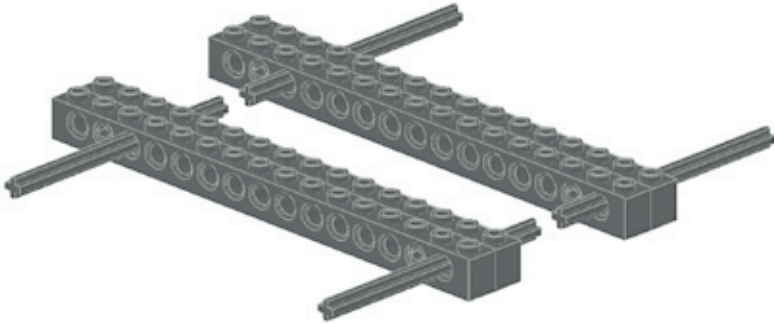
Insert four black connector pegs w/friction. (J)



Add two 1x16 TECHNIC bricks. (C)

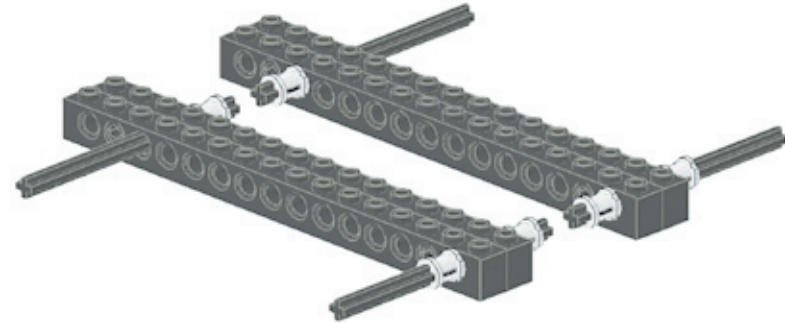


Insert four 8-stud axles. **(E)**



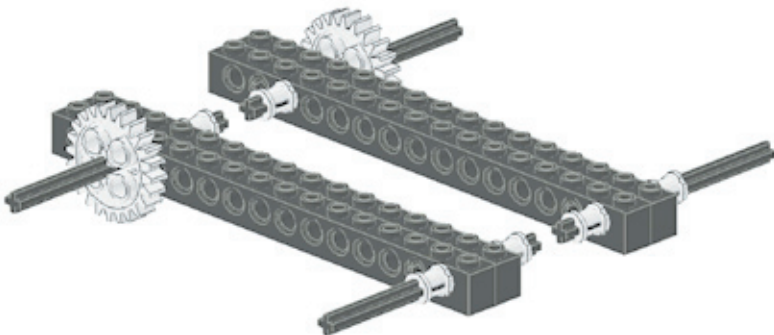
5

Add six full bushings (for cross axles). **(G)**



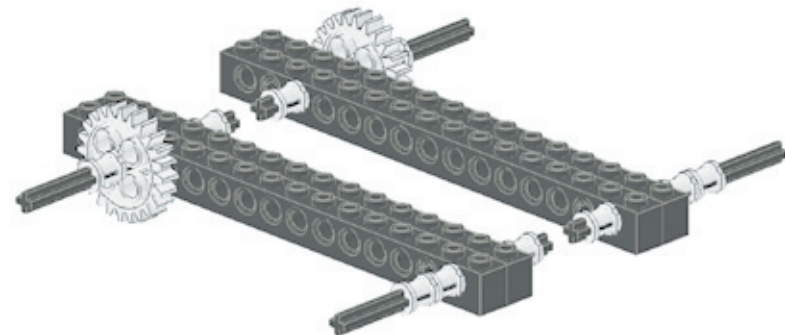
6

Add two 24-tooth gear wheels. **(L)**



7

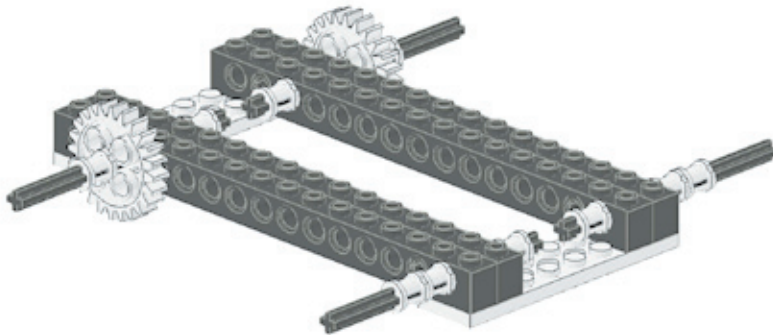
Add four full bushings. **(G)**



8

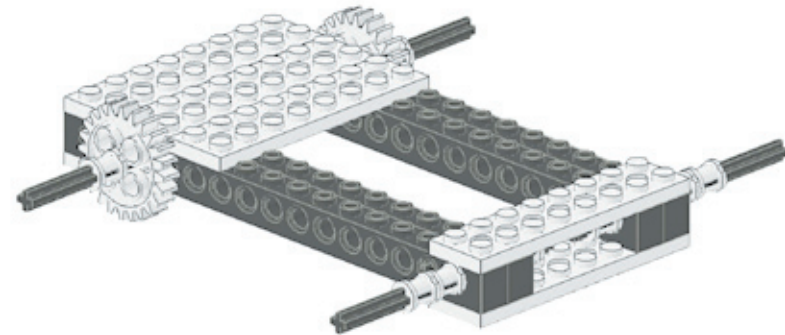


Add two 2x8 plates w/holes **(P)** underneath.



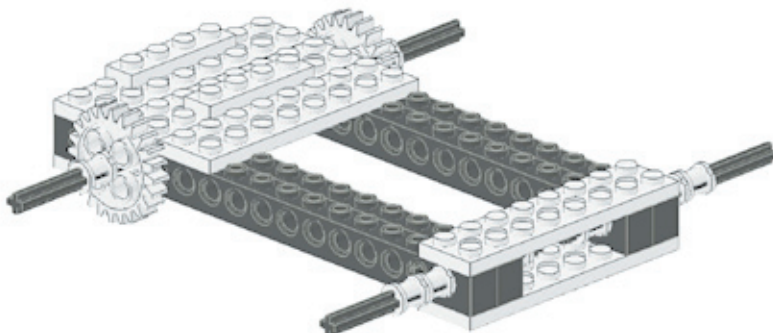
9

Add four 2x8 plates w/holes **(P)** on top.



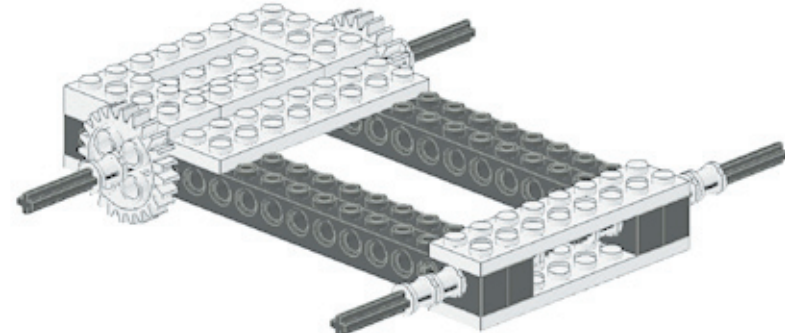
10

Add two 1x4 plates. **(R)**



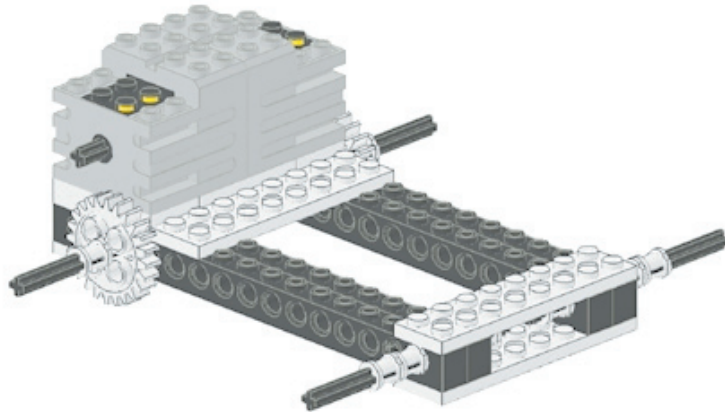
11

Add two 2x4 plates w/holes. **(Q)**



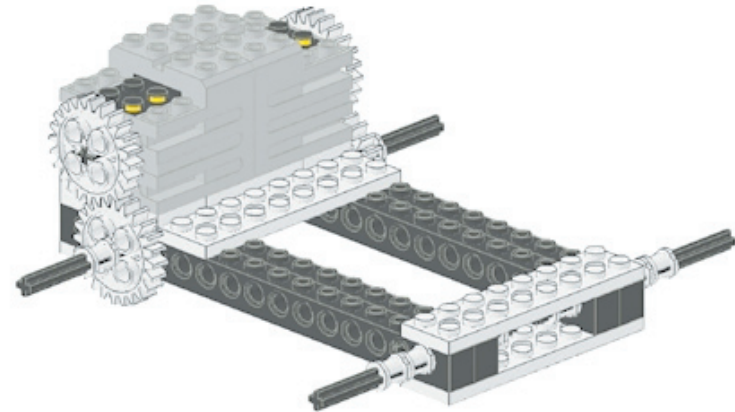
12

Add two gear motors. **(O)**



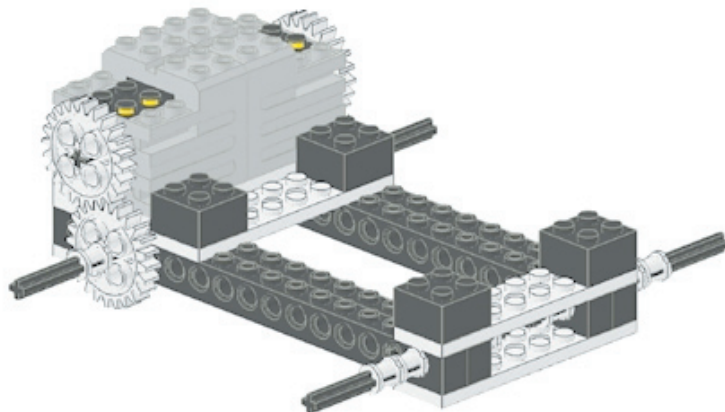
13

Add a 24-tooth gear wheel **(L)** to each motor axle.



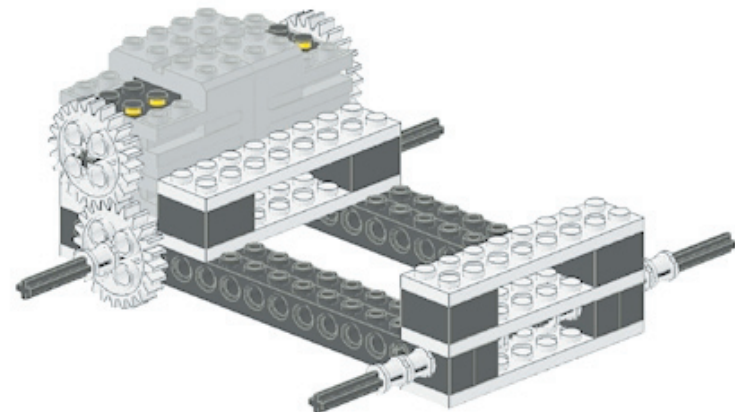
14

Add four 2x2 bricks. **(B)**



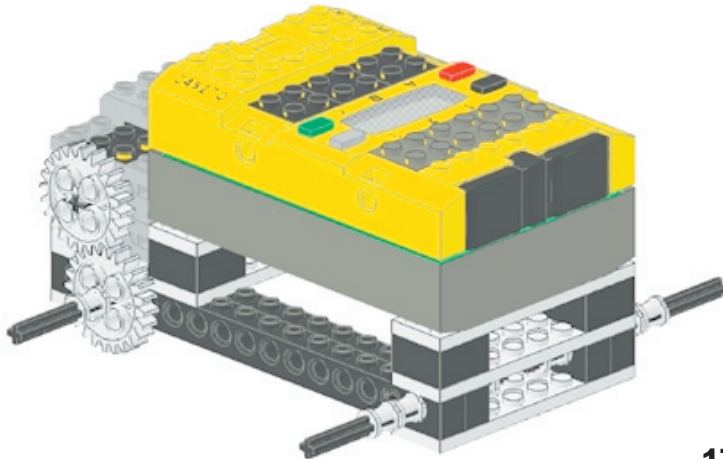
15

Add two 2x8 plates w/holes. **(P)**



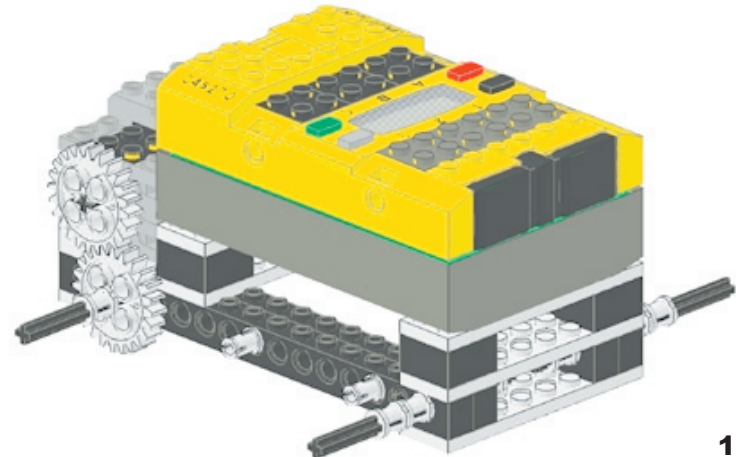
16

Attach an RCX (A) to the chassis.



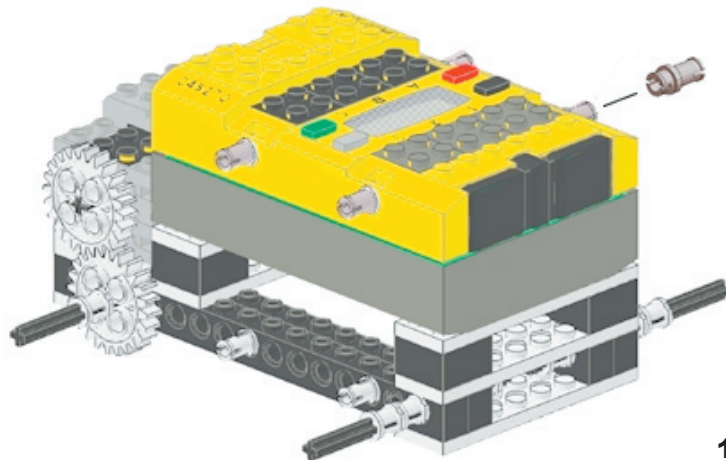
17

Add four connector pegs (I):  
Two on the left side and two on the right side.



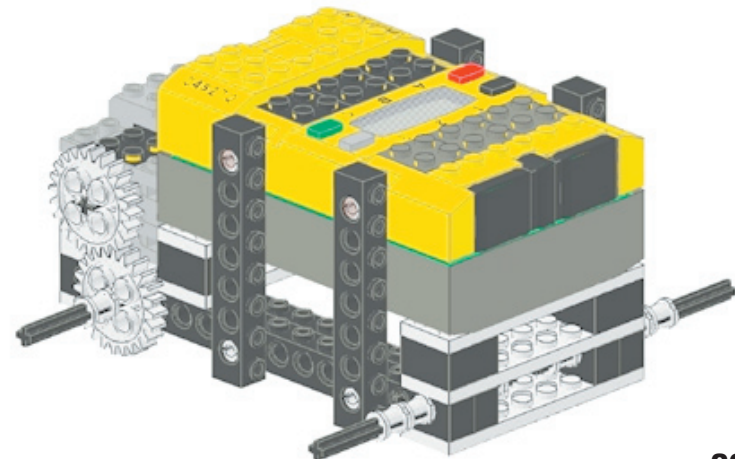
18

Add four 1 1/2 connecting pegs (H) to the RCX:  
Two on the left and two on the right.



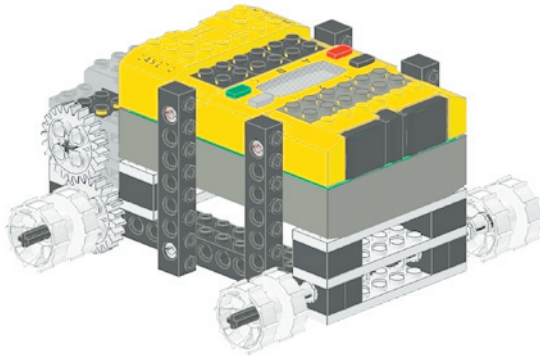
19

Add four 1x8 TECHNIC bricks. (D)



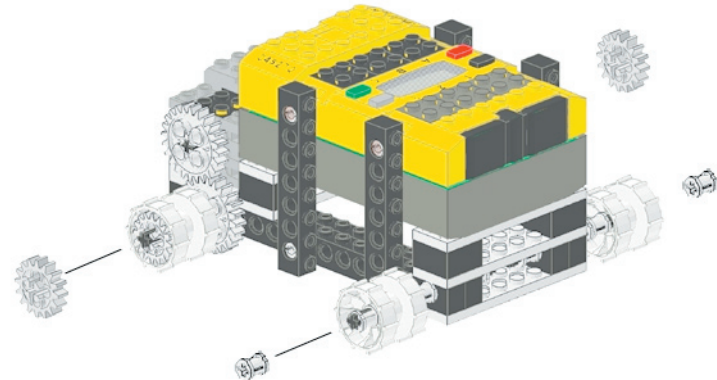
20

Add four white rims for belts **(K)**: One per axle.



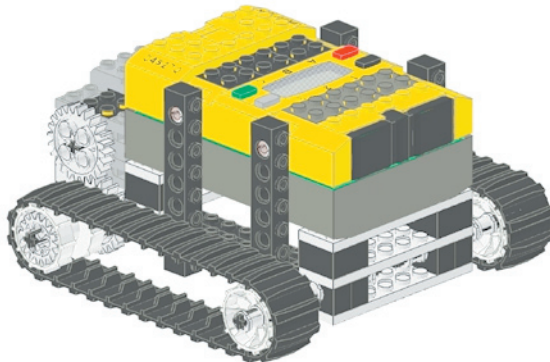
21

Add full bushings **(G)** to the two front axles to stop the rims from falling off. Insert a 16-tooth gear wheel **(M)** inside the rim on each rear axle.



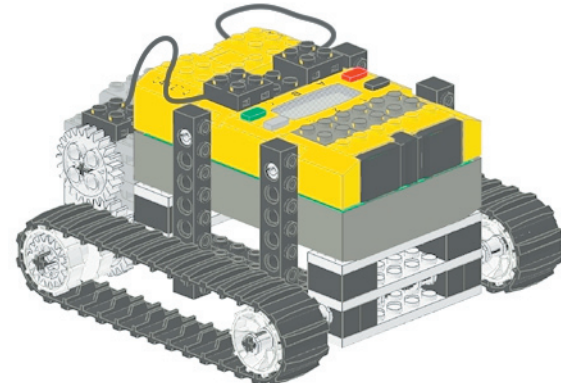
22

Add two caterpillar belts. **(F)**



23

Add connecting leads **(N)** to connect the motors to the RCX.  
*Be sure to connect the leads as shown below. If the cables are arranged differently you might change the polarity of the motors.*



**Tankbot** is now complete.

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