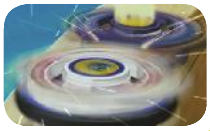
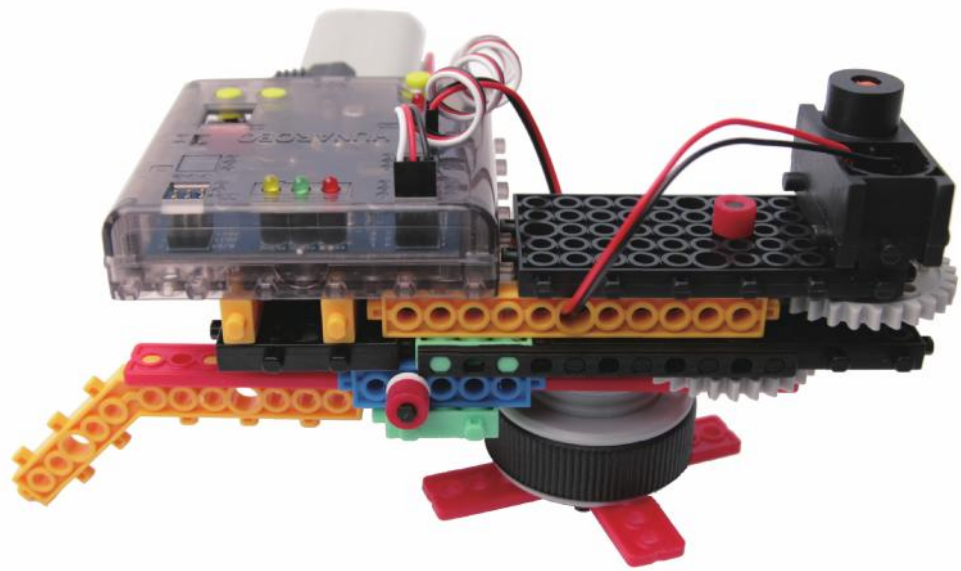
Haciendo un robot de juegos usando todos los modos de la mainboard

El trompo poderoso

¡Puedes usar un motor DC y un sensor IR para hacer tu propio trompo!

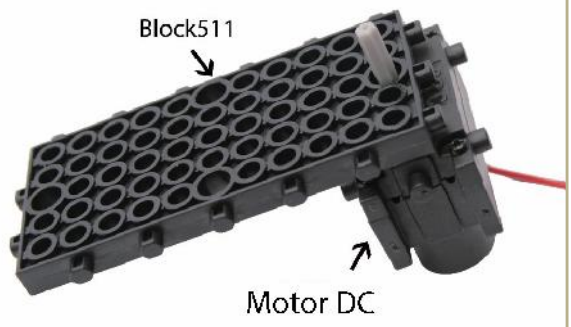




Prepara las partes

Block523	×1	Marco21	×3	Mainboard ×1	
		Marco11	×2		
Block511	×2	Adaptador1	×1		
		Adaptador2	×2		
Block135	×1	Eje(P)	×2		
		Eje(G)	×1		
Block111	×4	Red Bush	×4	Sen×1	
Block15	×2	Half Bush	×4		
Block35	×3	Gear(L)	×2	Battery Case ×1	
Rueda(P)	×1	Gear(S)	×2		
Rueda(M)	×1	Motor DC	×1		

1



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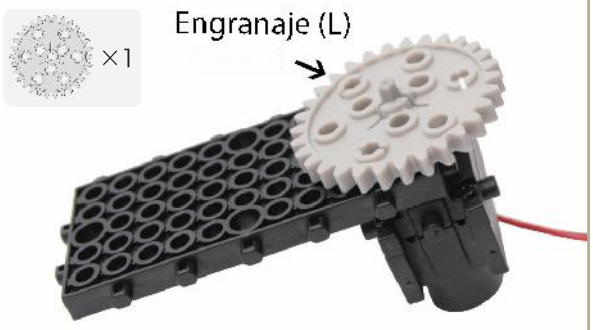

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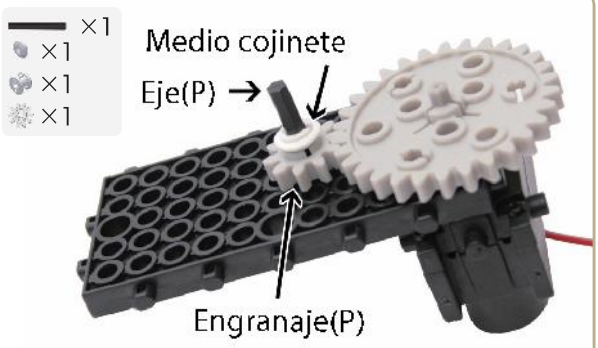
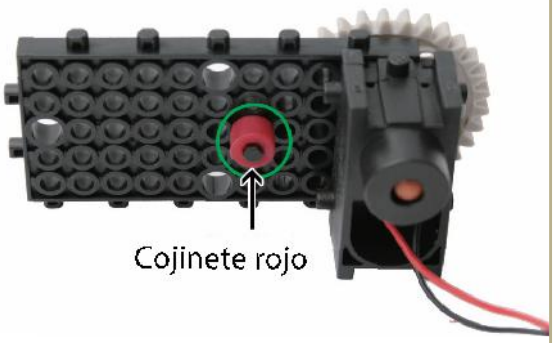
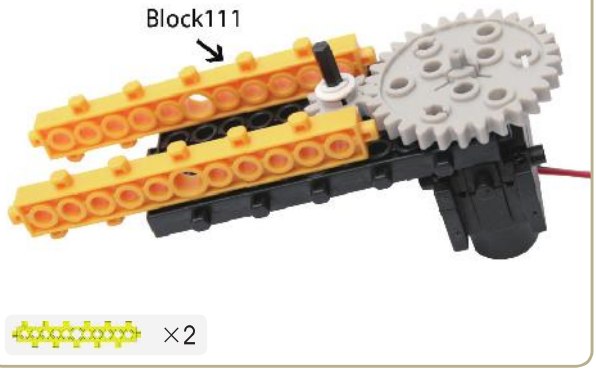


4 (*Parte de abajo del modelo #3*)



* El lado de atrás va sujeto con un cojinete rojo.

5



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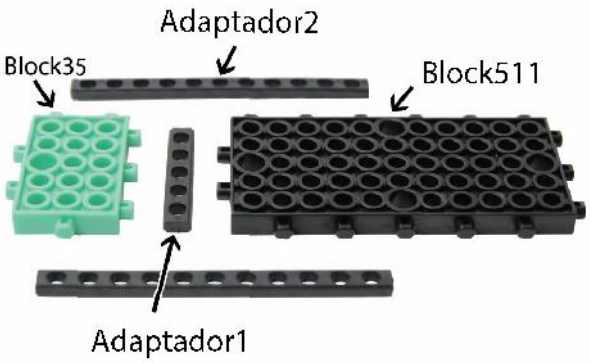

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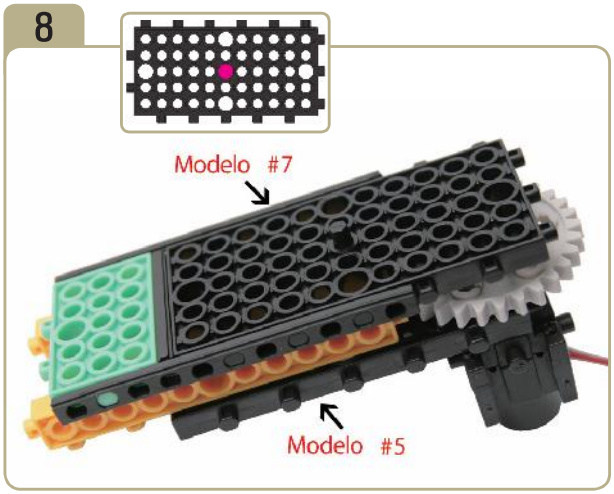
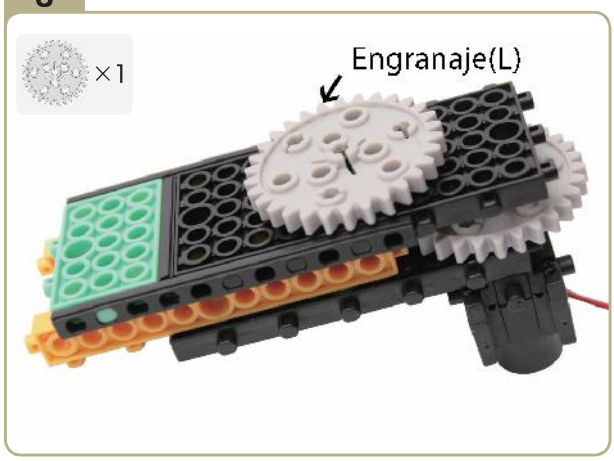


Combina el modelo #5 con el modelo# 7.

9



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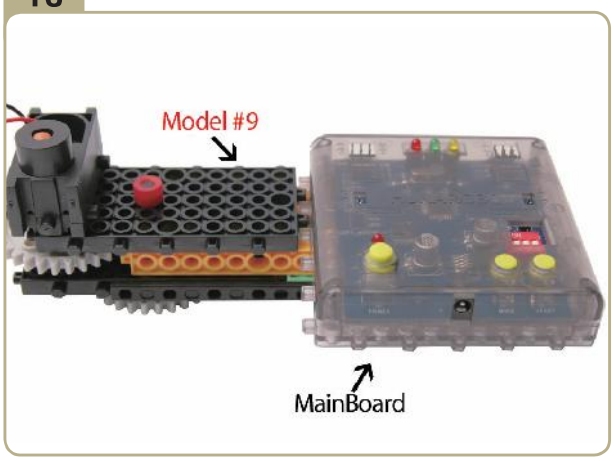
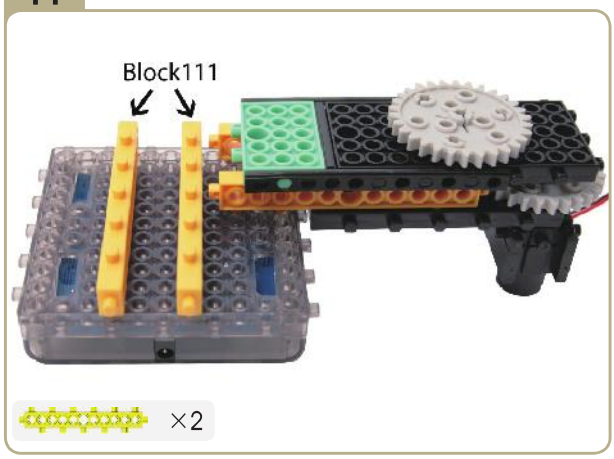


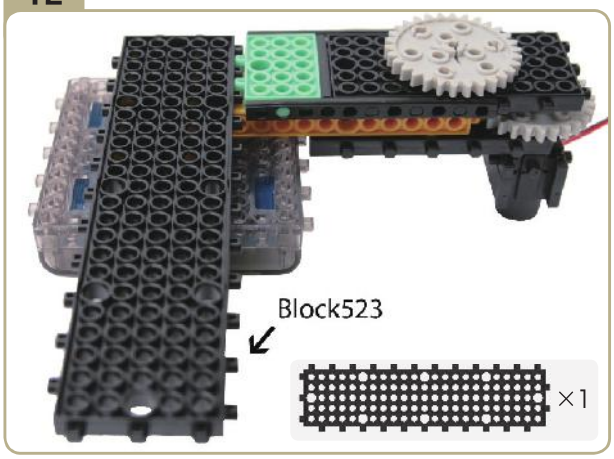
Voltea el modelo #9 y conecta la Mainboard

11



Voltea el modelo #10 , y conecta dos 「block111」 en la parte de abajo de la mainboard

12



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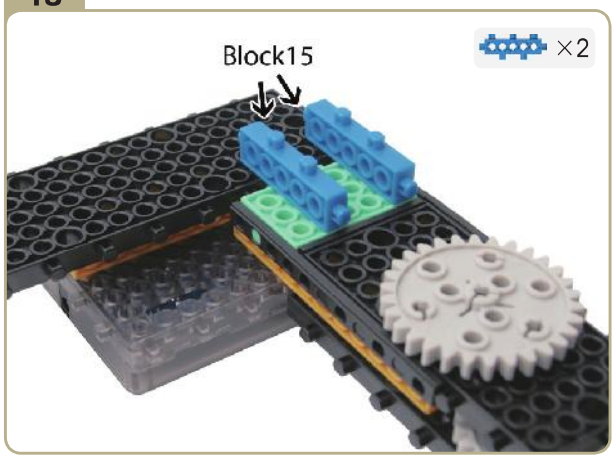

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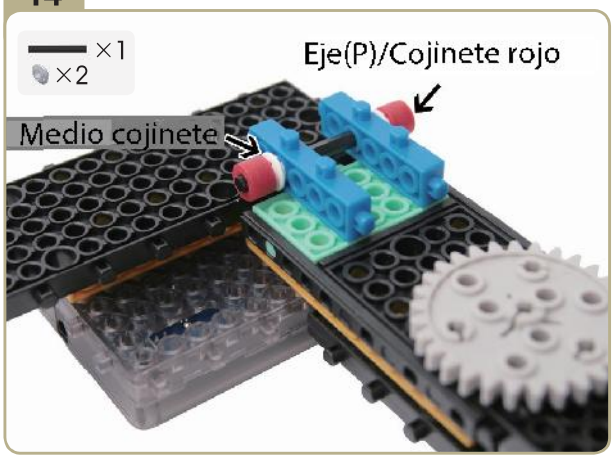
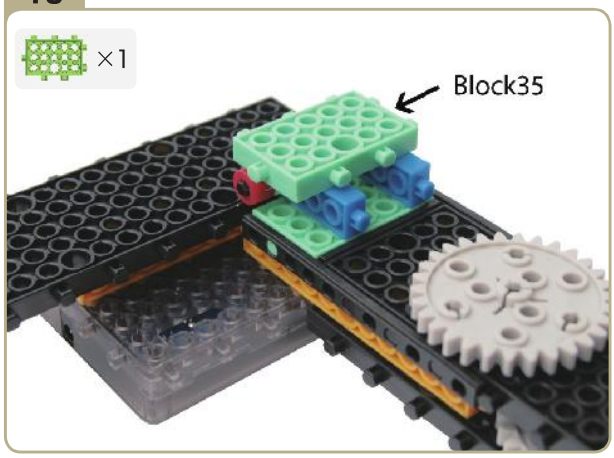


Inserta un eje pequeño entre los 「block15」 con dos medios cojinetes y dos cojinetes rojos .

15



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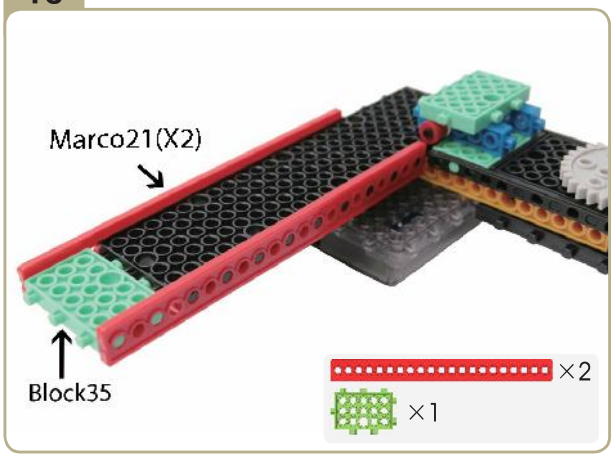

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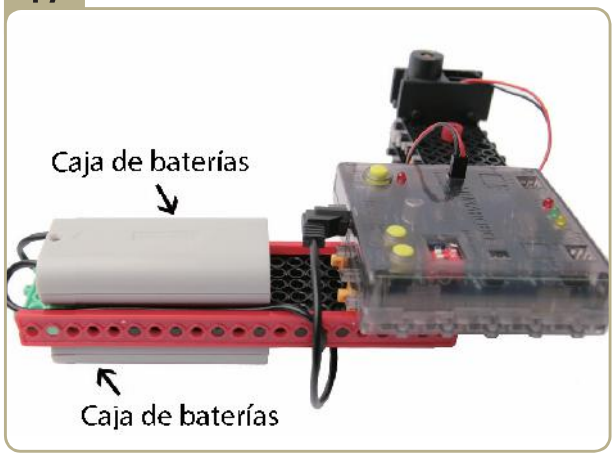
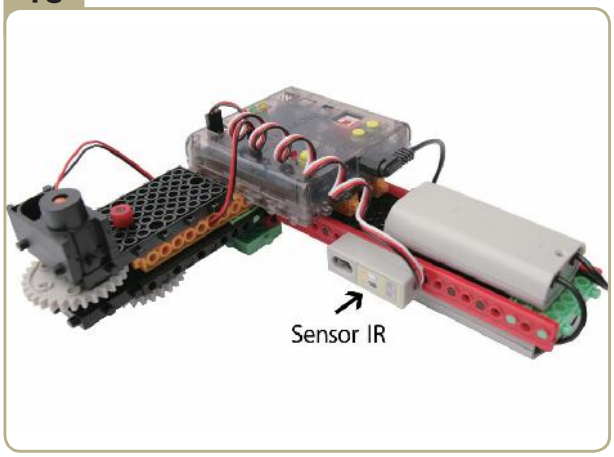


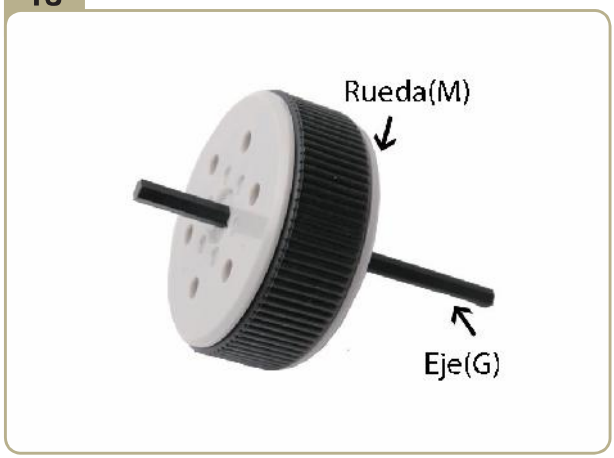
Conecta las cajas de baterías al modelo #16

18



Conecta un sensor IR al modelo #17

19



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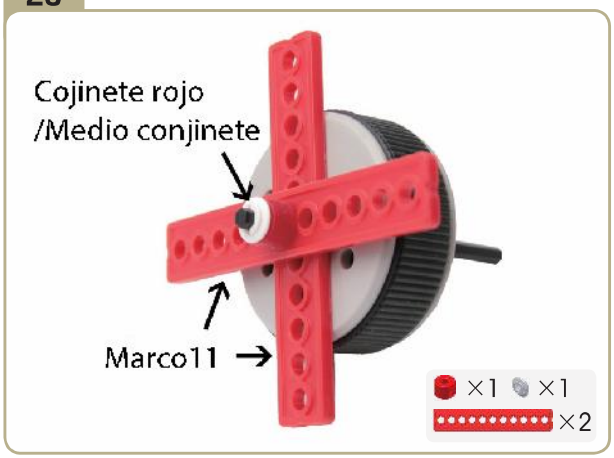
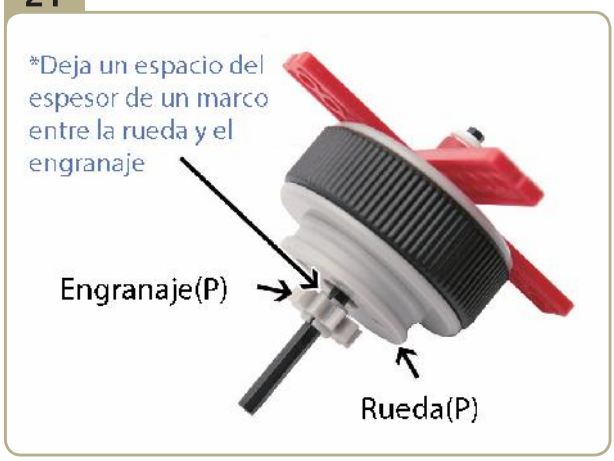


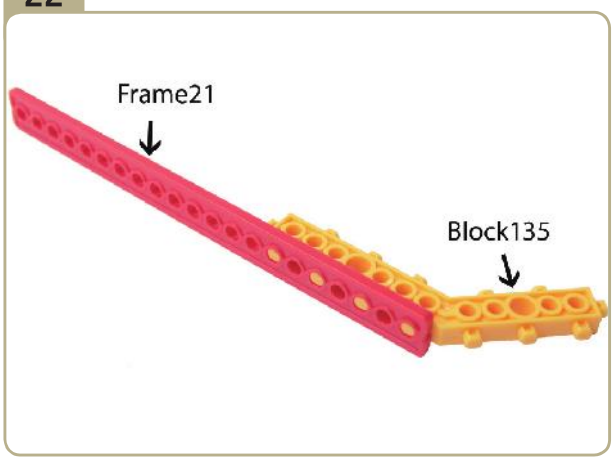
Conecta dos 「Marco11」 al eje grande del modelo #19 con un cojinete rojo y un medio cojinete en orden

21



Inserta un engranaje pequeño y una rueda pequeña en el eje grande, deja un espacio del espesor de un 「Marco5」

22



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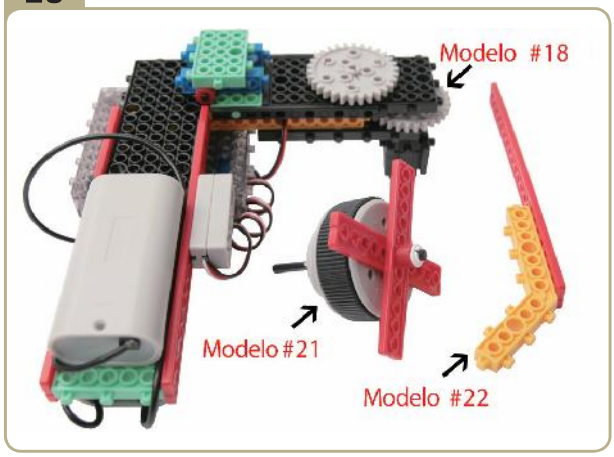

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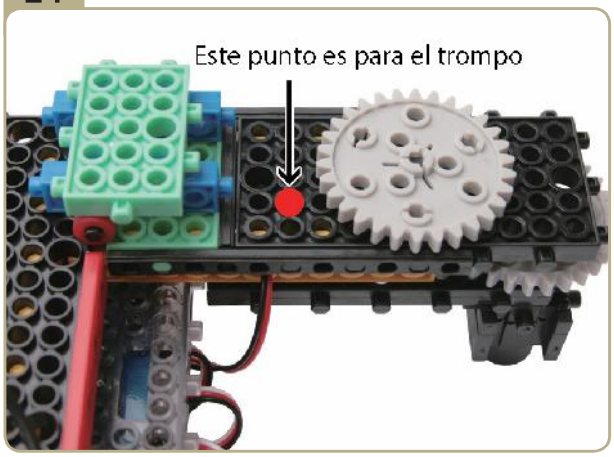

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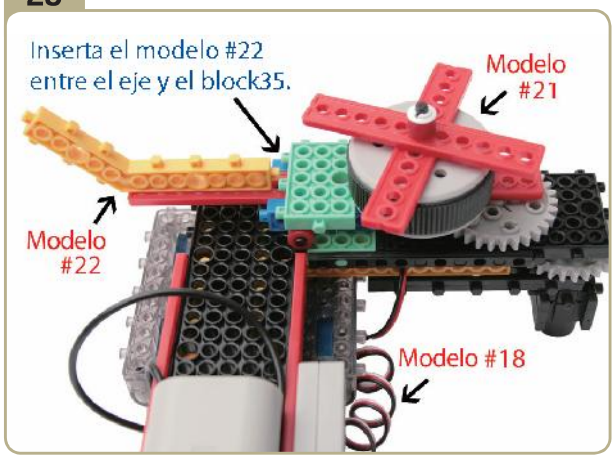
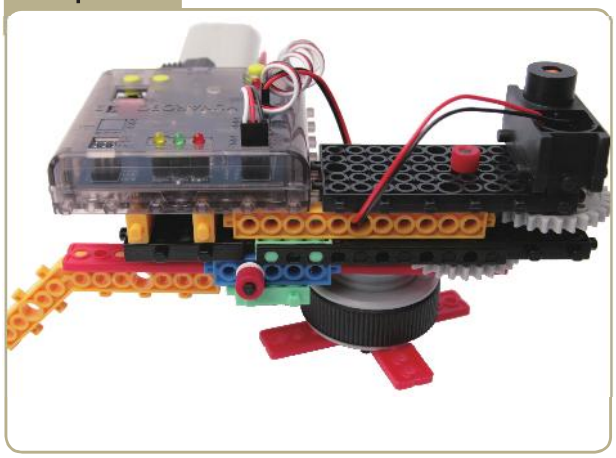


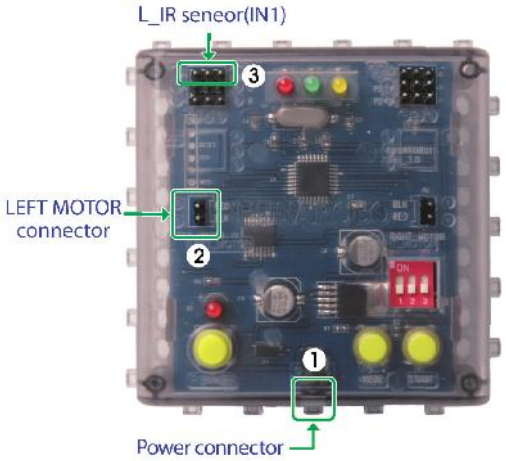
Combina el modelo #18 con el modelo #21 y luego conecta el modelo #22.

Completado



Como operar el trompo poderoso

Conectando la mainboard



Conecta en este orden.

1. Conecta las cajas de baterias al conector de poder
2. Conectar el motor izquiedo al conector del motor izquierdo.
3. Conectar el sensor IR a la IN1 del conector de entradas

El cable rojo del motor debe estar conectado a positivo ⊕ y el cable negro al negativo ⊖.

Inserta el lado del cable negro del conector de tres puntas en el negativo ⊖.

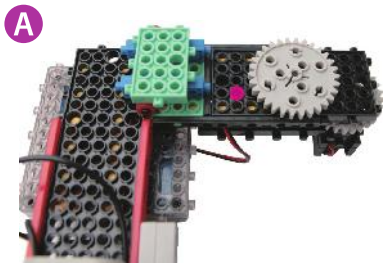
Configurando modo

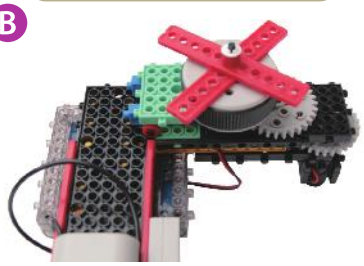
1. Asegurate que la caja de baterias y el Motor DC estén bien conectados
2. Enciende la mainboard
3. Presiona el boton MODE, solo se debe iluminar el LED verde.

MODE #2		*Modo encendido/apagado*

4. Presiona el botón START.

How to make it move

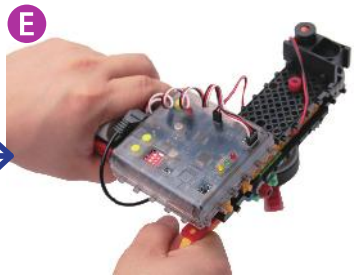




A Pon el trompo en el punto rojo.

Coloca la manija de seguridad.

Cuando coloques el dedo en el sensor IR el trompo comenzará a girar



Hala de la manija d e seguridad para liberar el trompo.