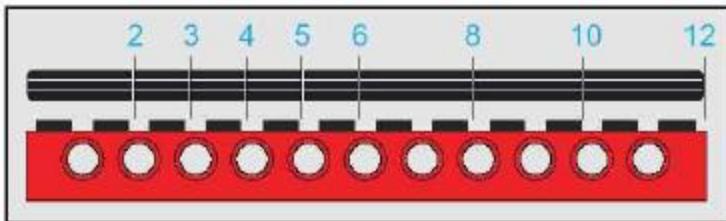


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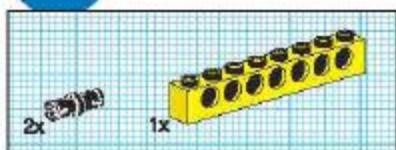


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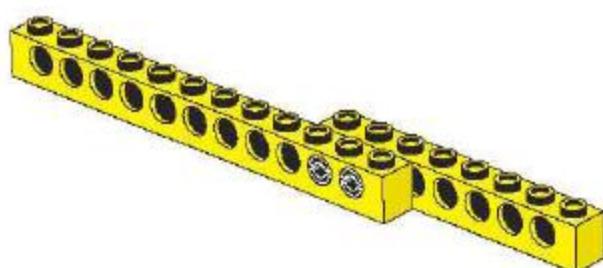
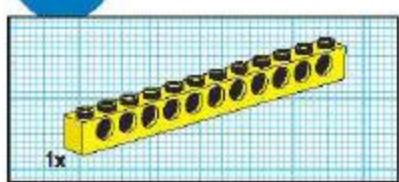
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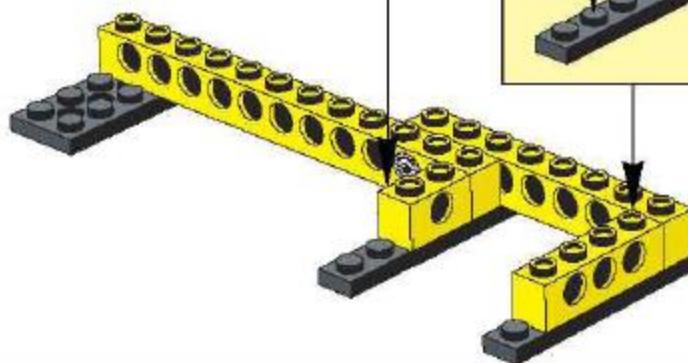
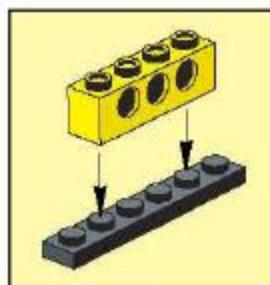
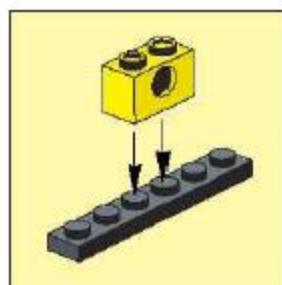
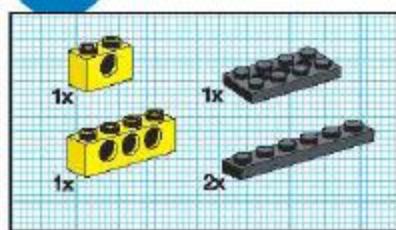
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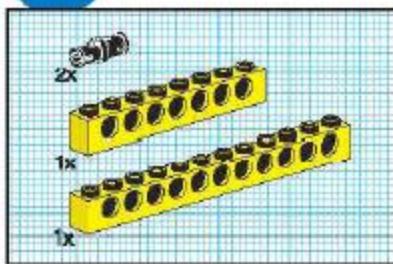
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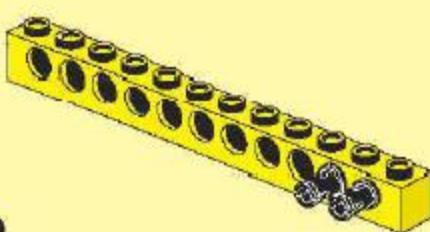
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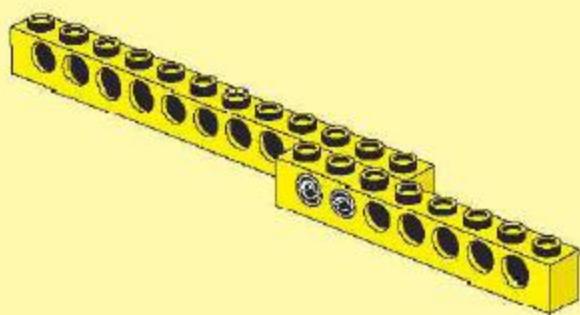
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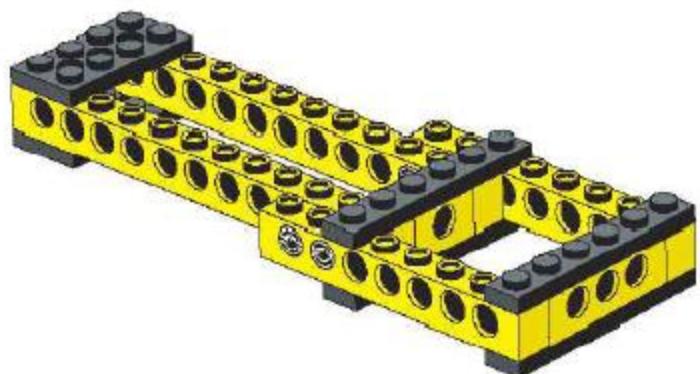
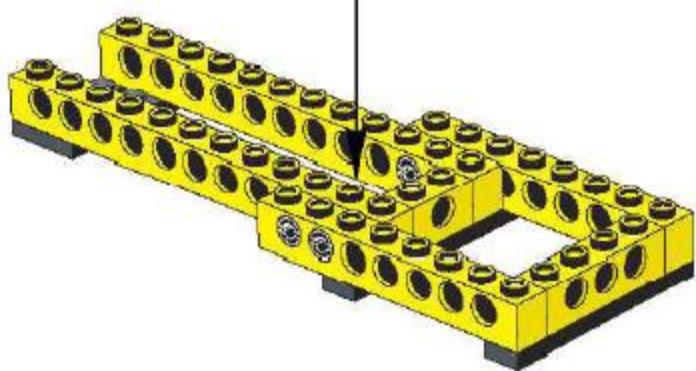
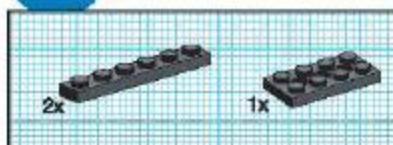
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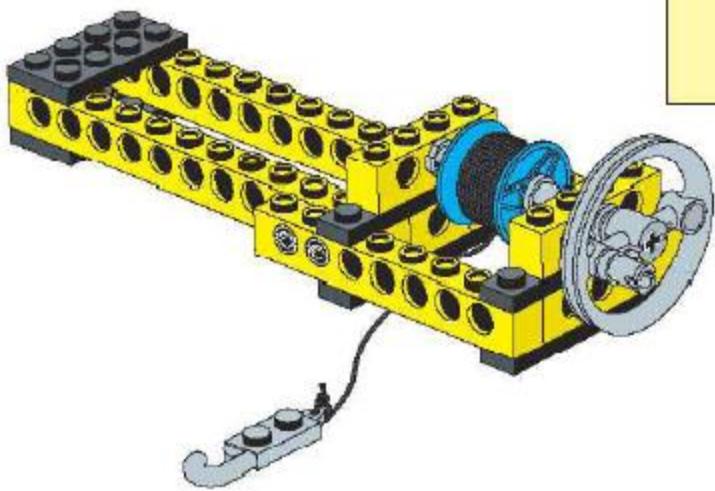
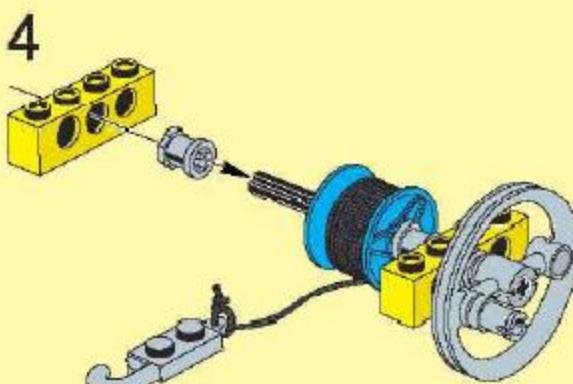
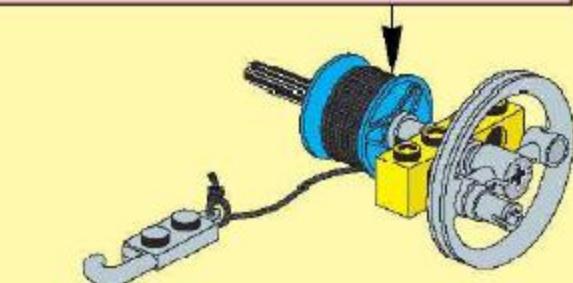
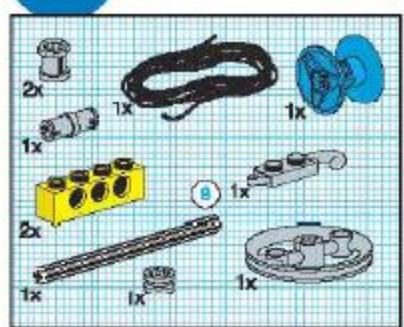
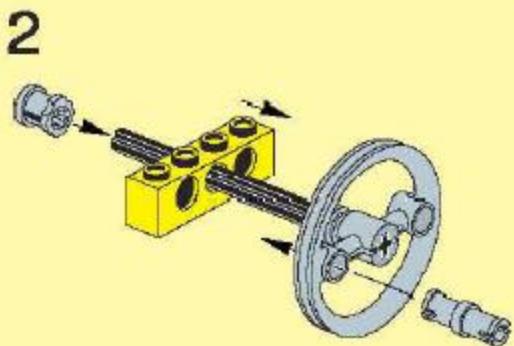
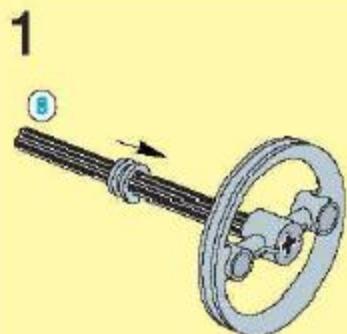


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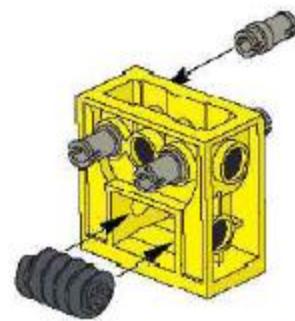
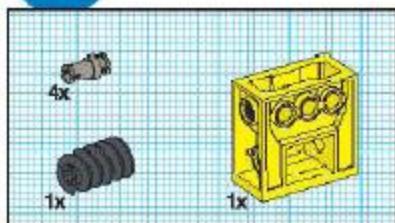


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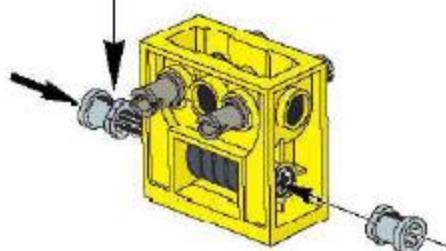
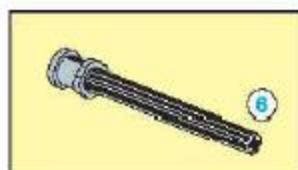
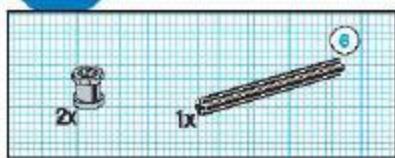




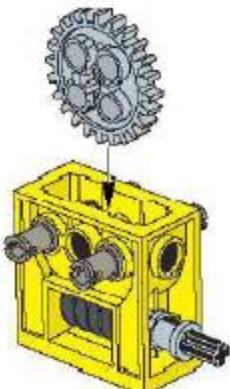
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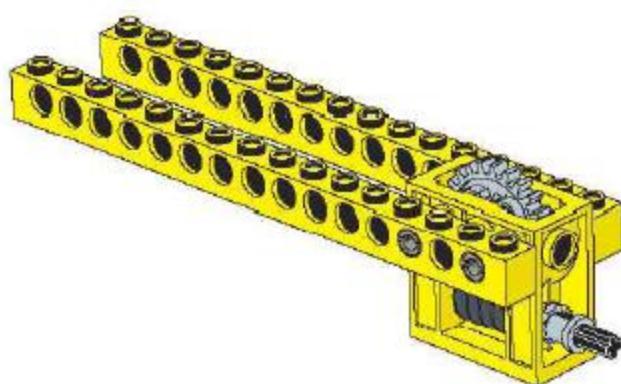
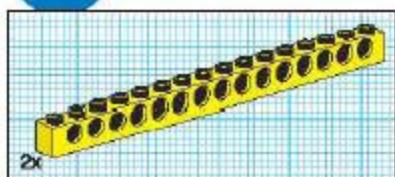
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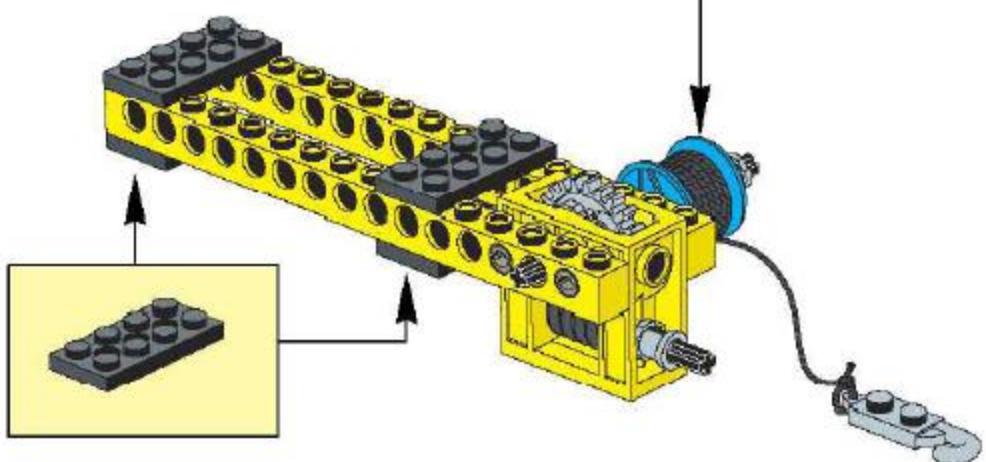
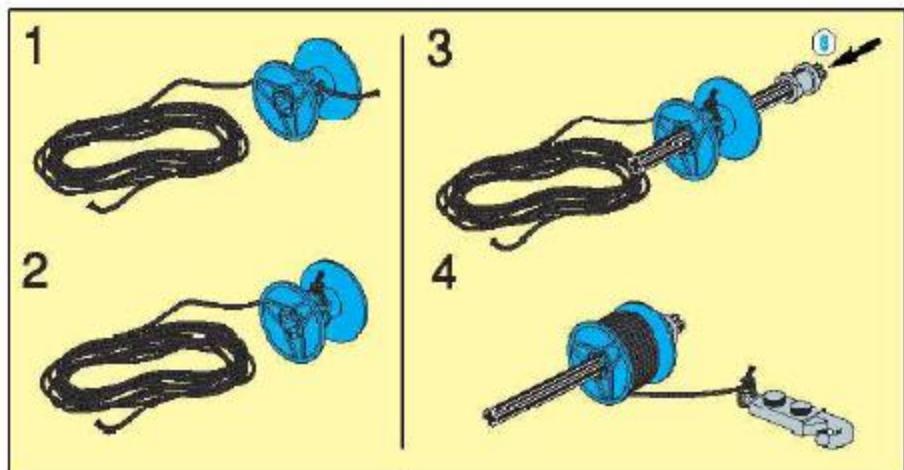
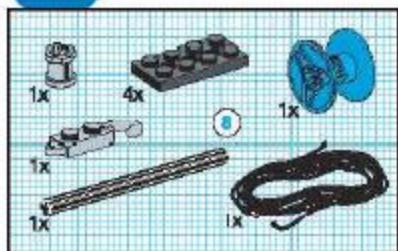
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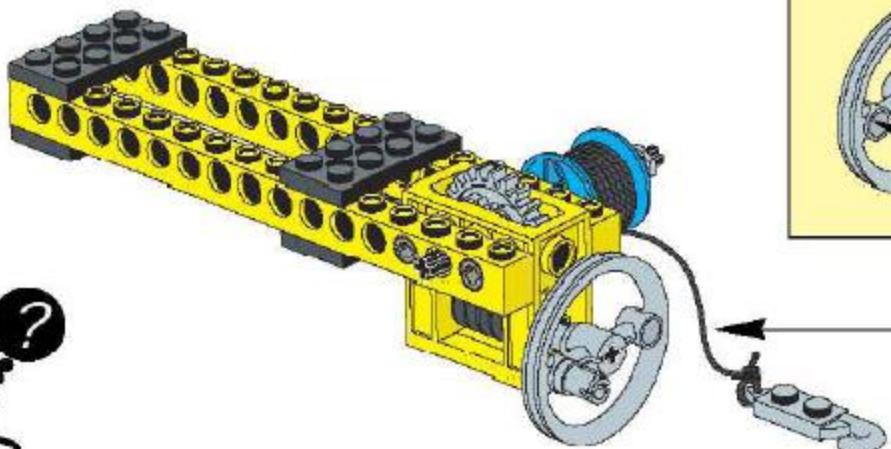
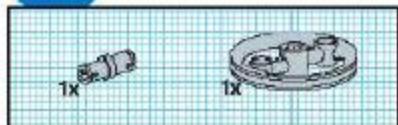
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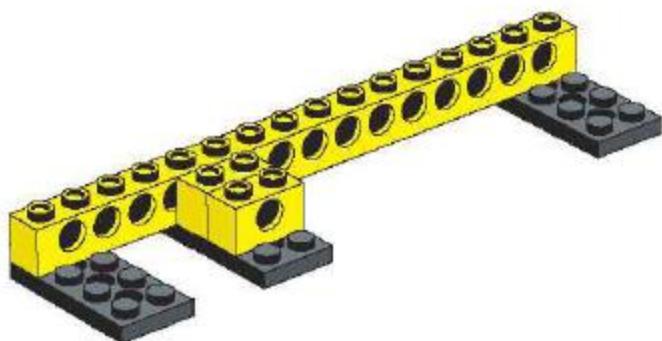
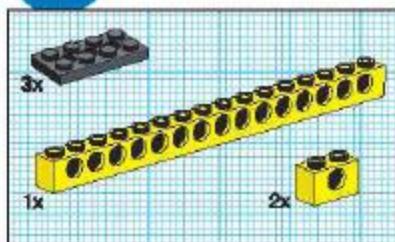


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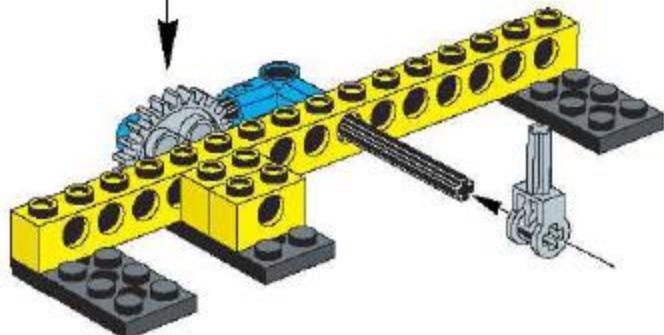
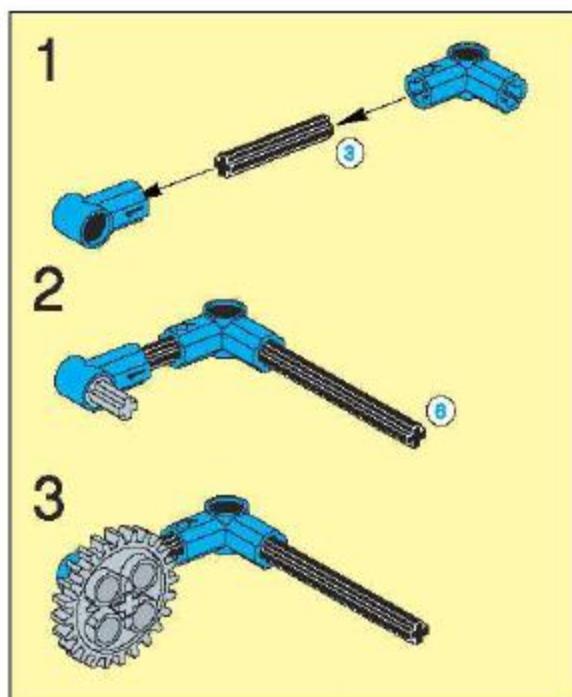
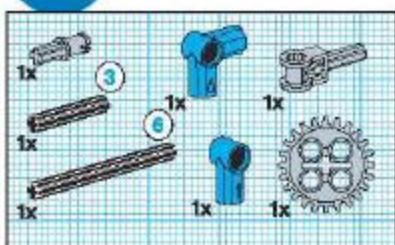


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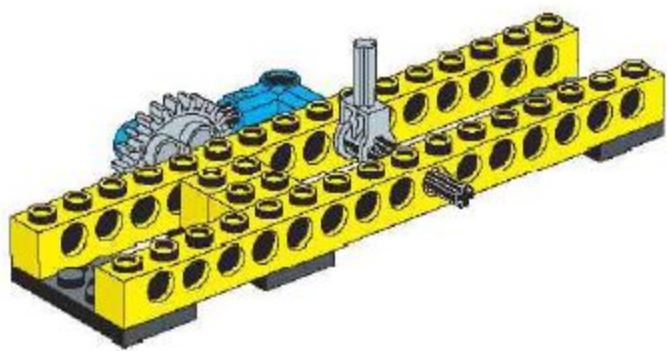
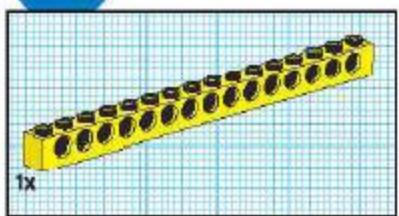
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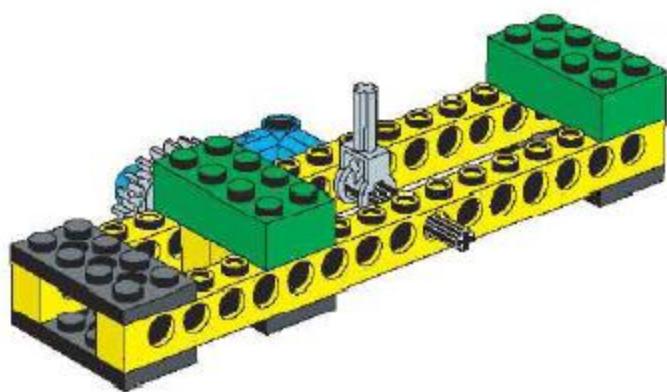
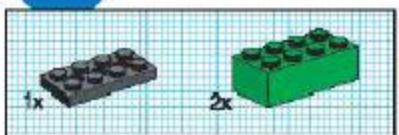
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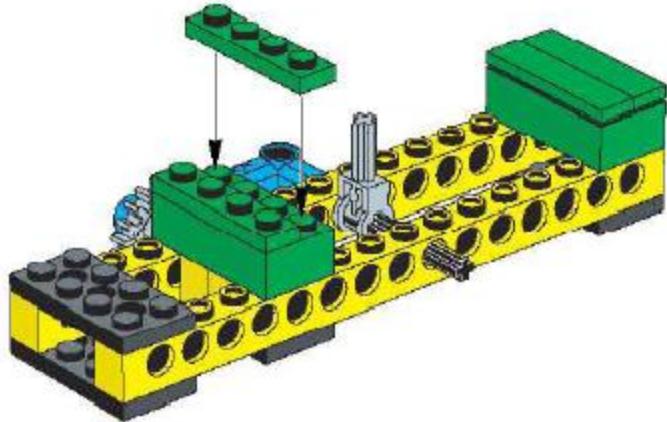
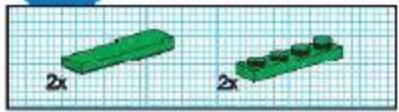
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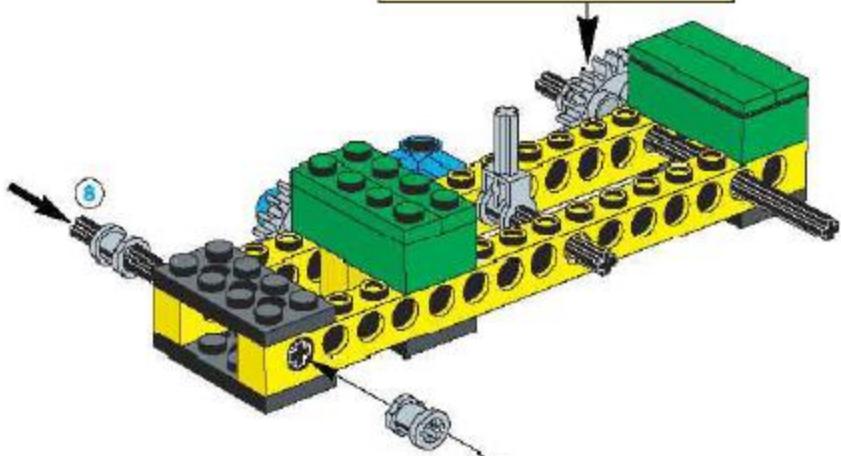
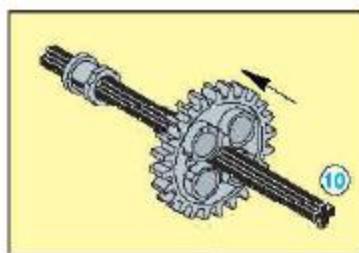
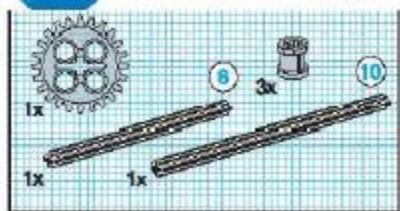
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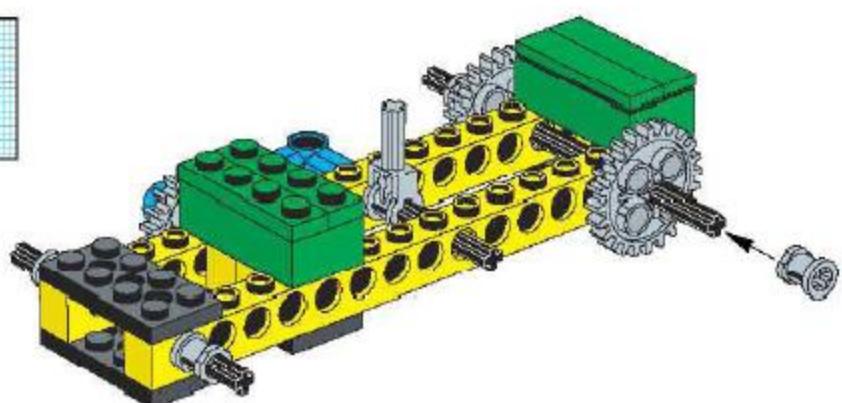
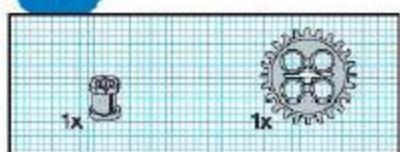
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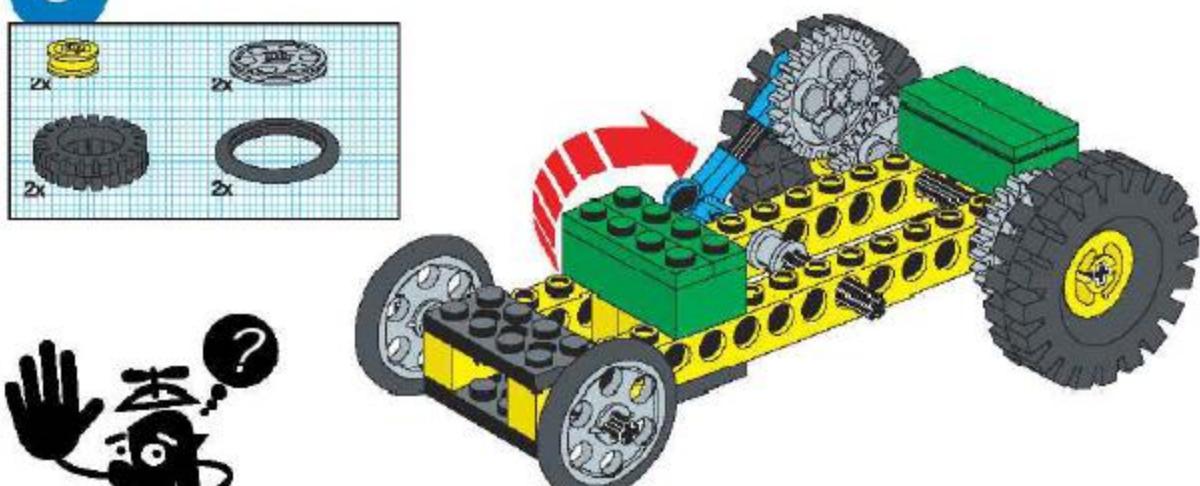
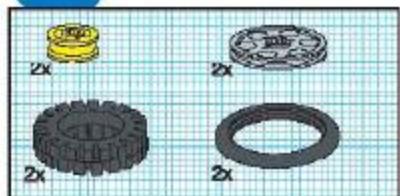
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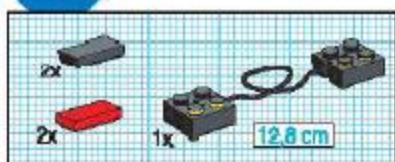
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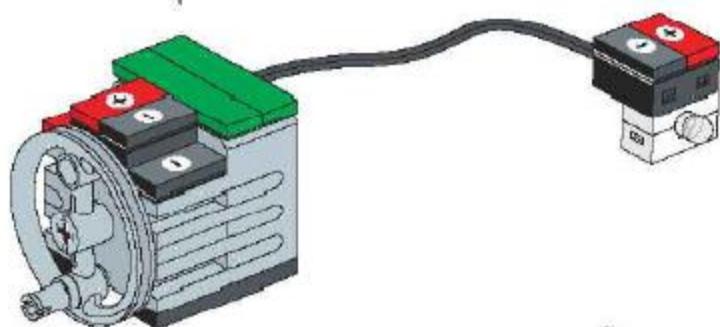
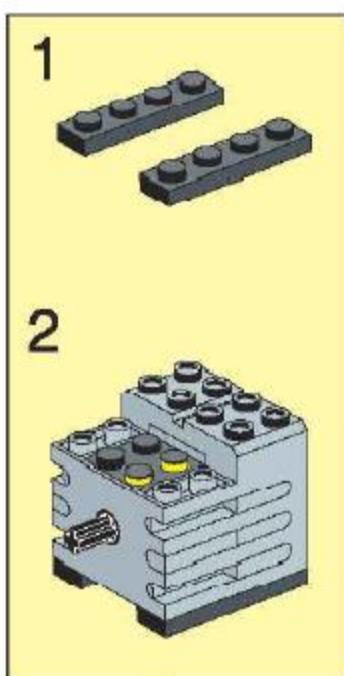
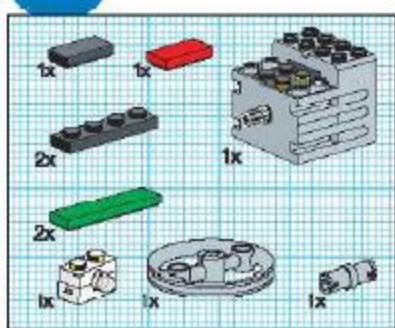
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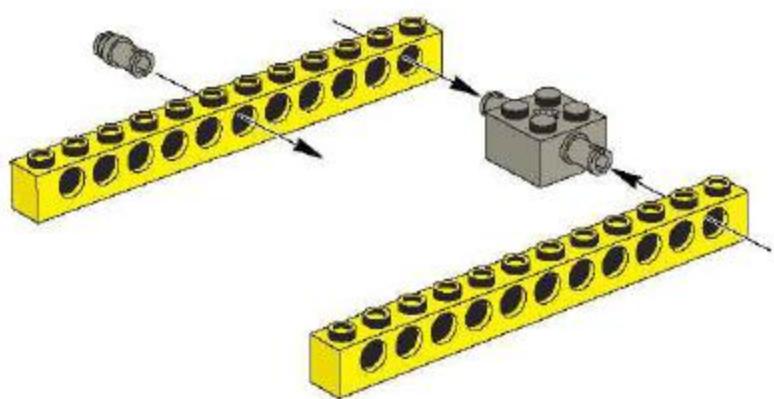
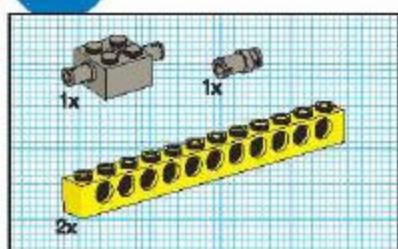


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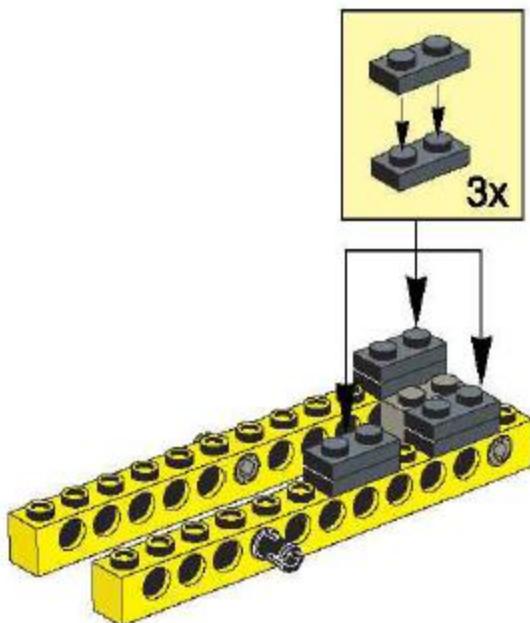


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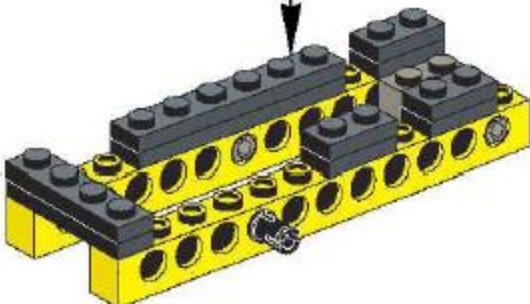
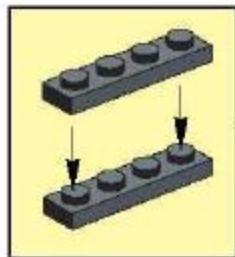
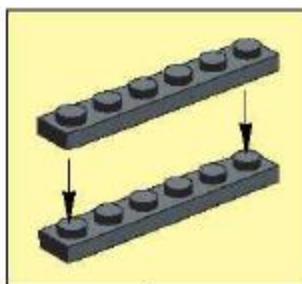
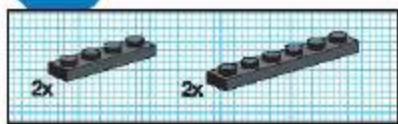
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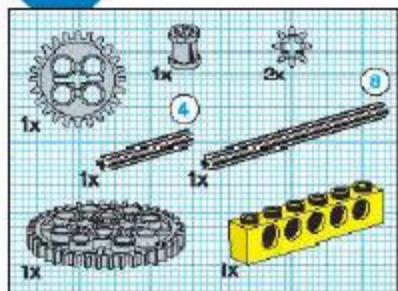
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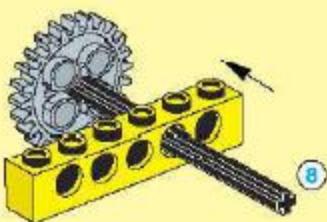
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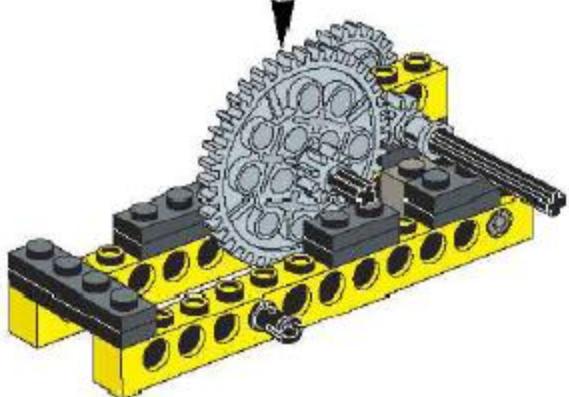
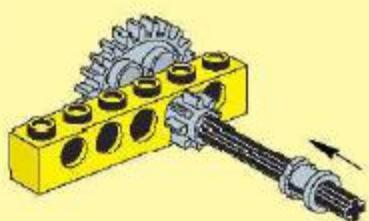
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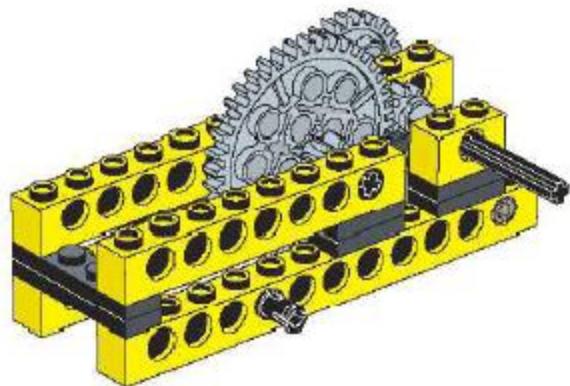
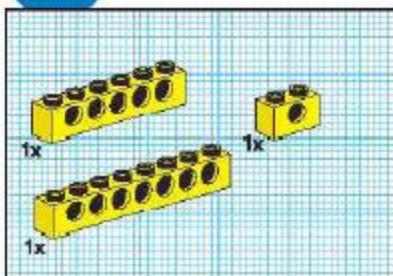
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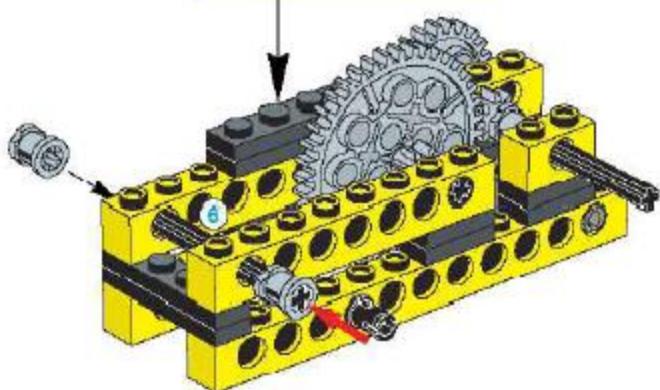
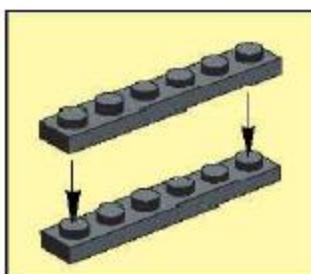
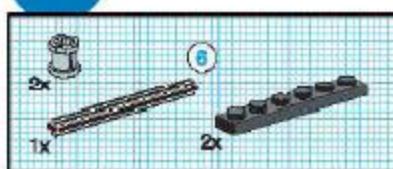
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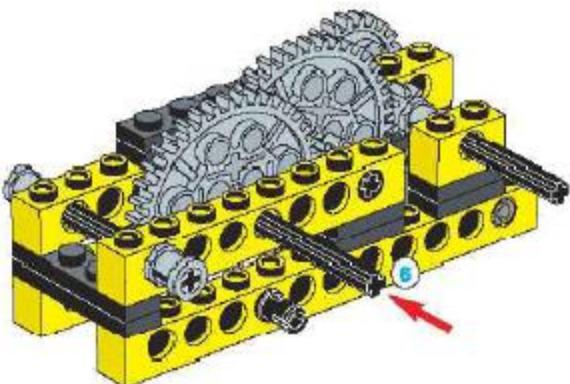
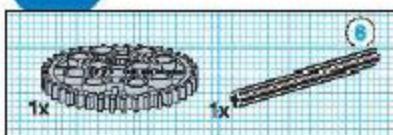
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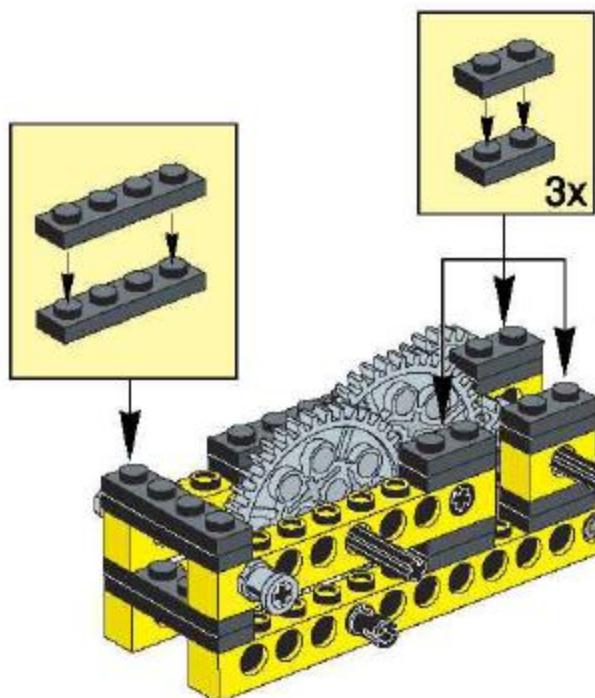
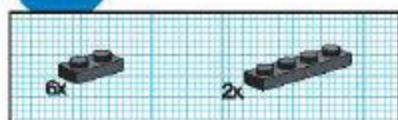
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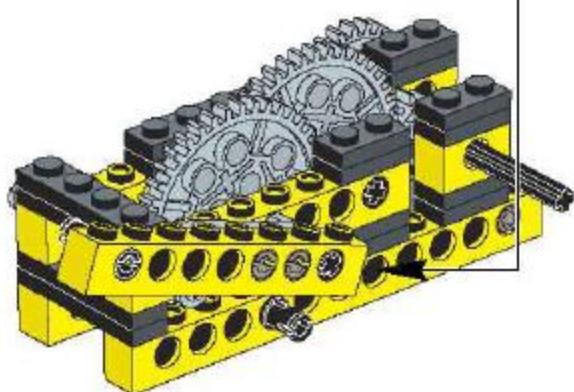
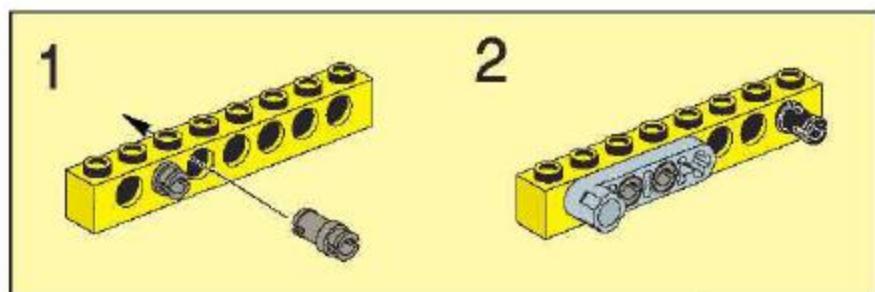
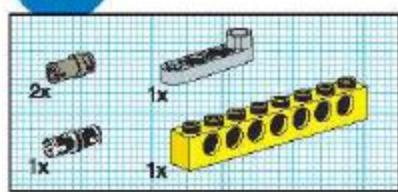
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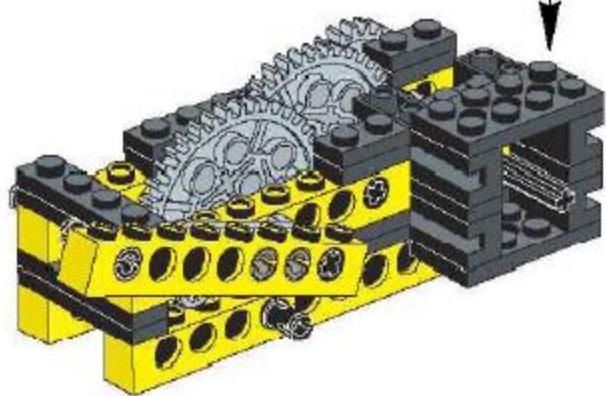
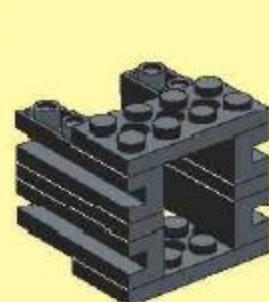
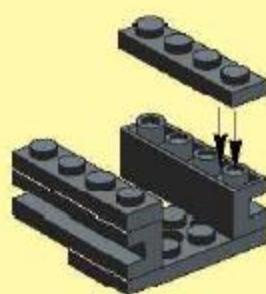
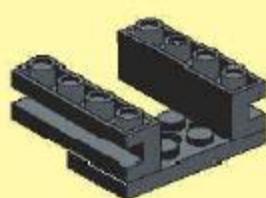
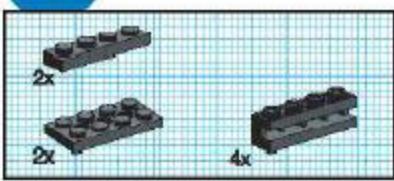
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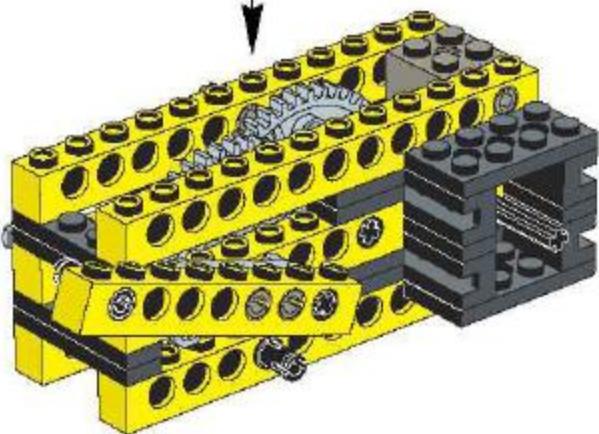
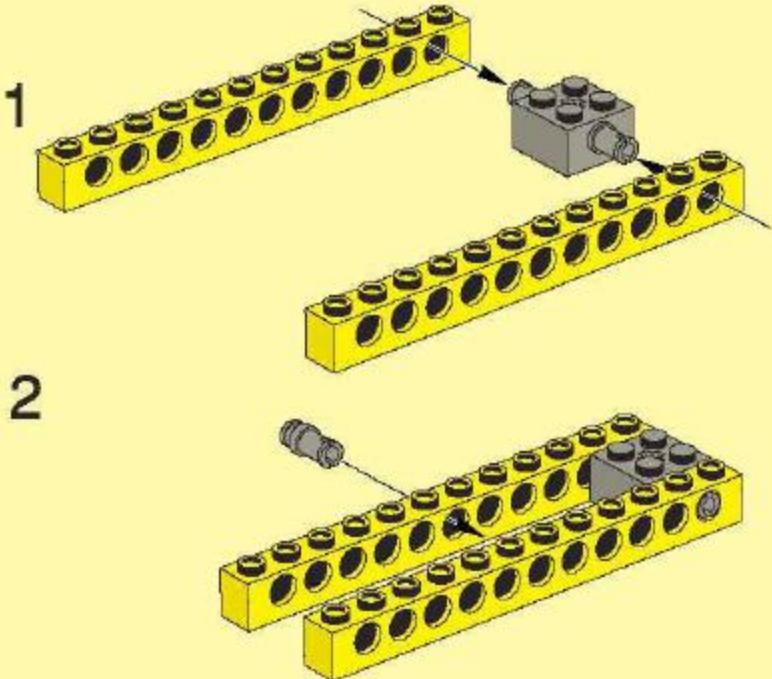
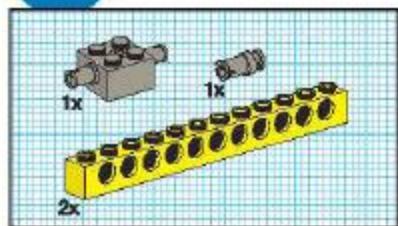
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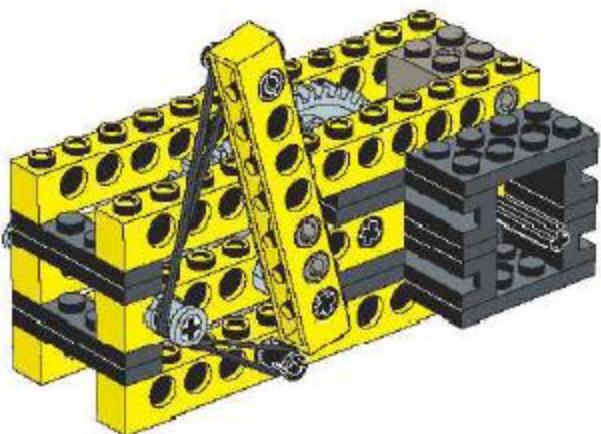
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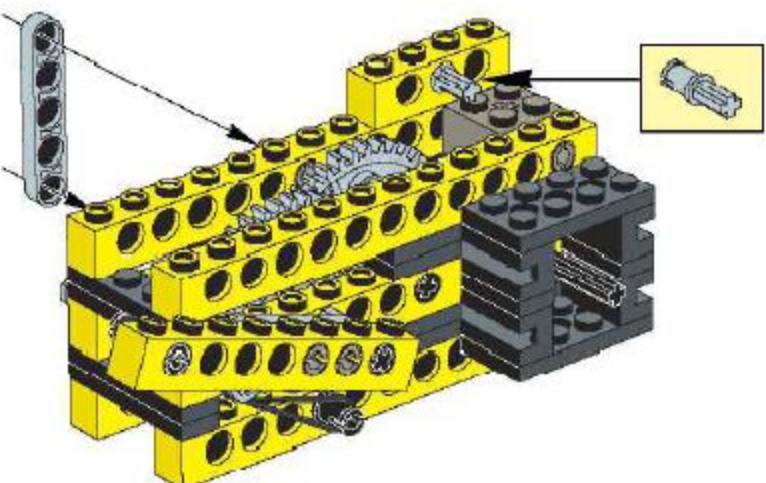
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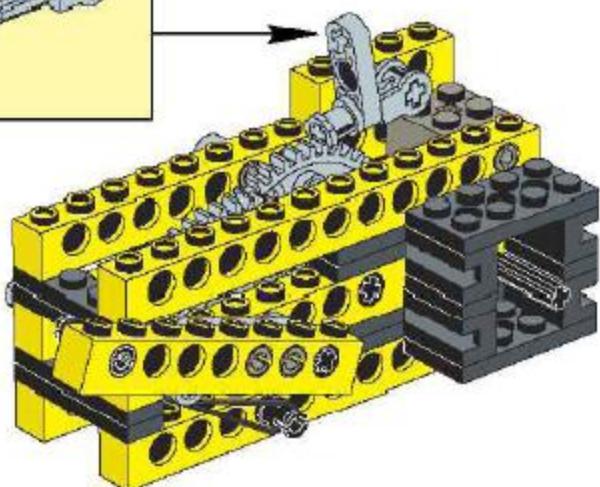
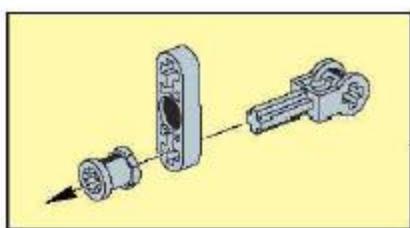
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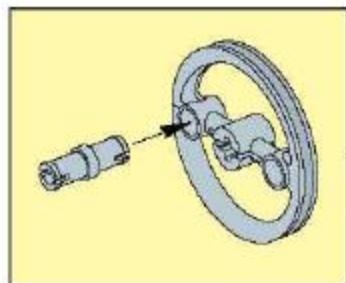
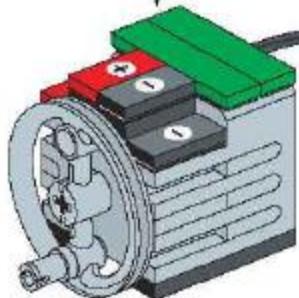
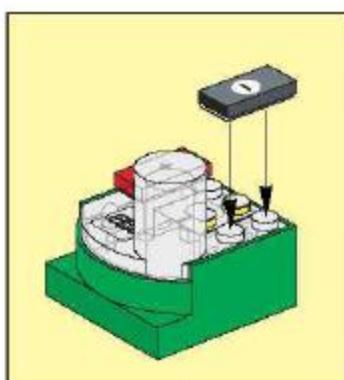
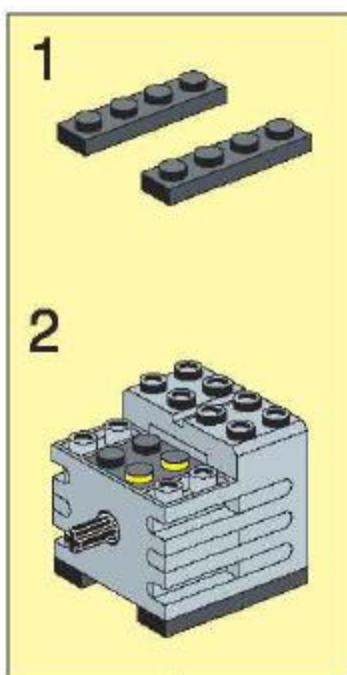
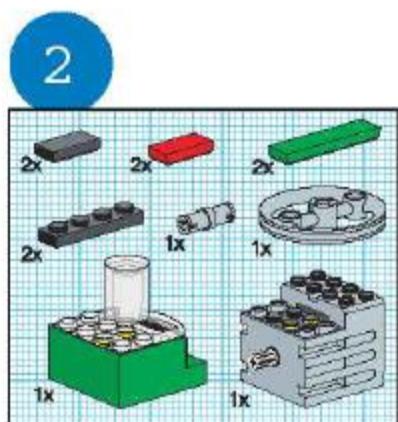
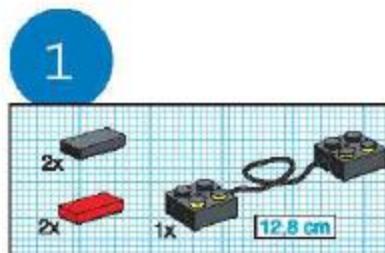


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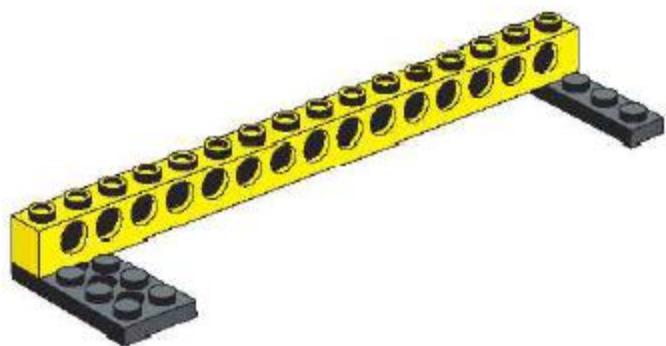
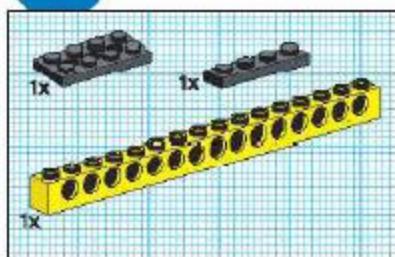
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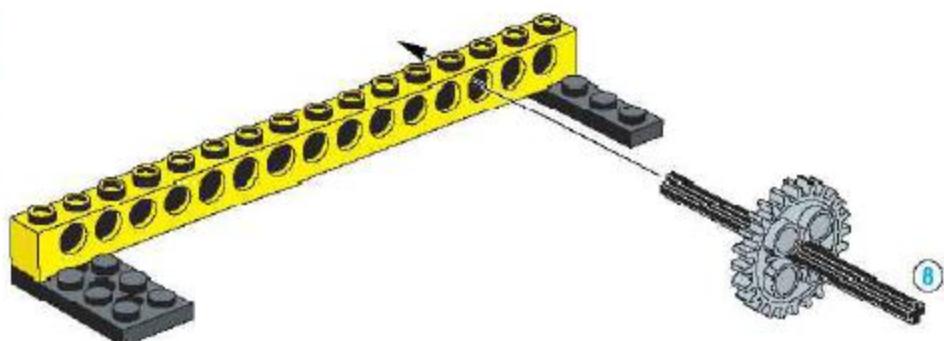
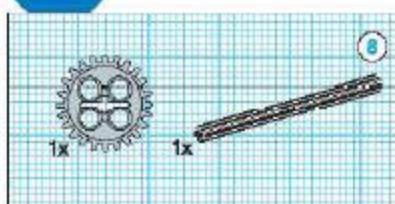




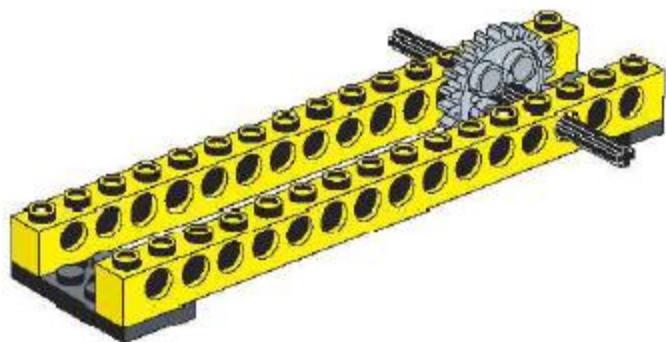
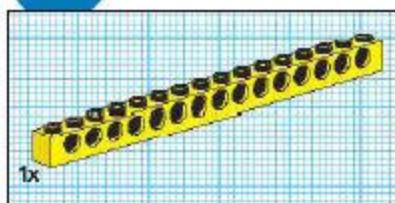
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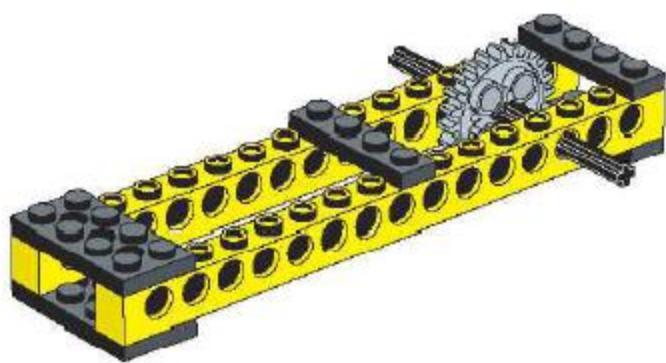
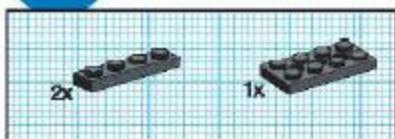
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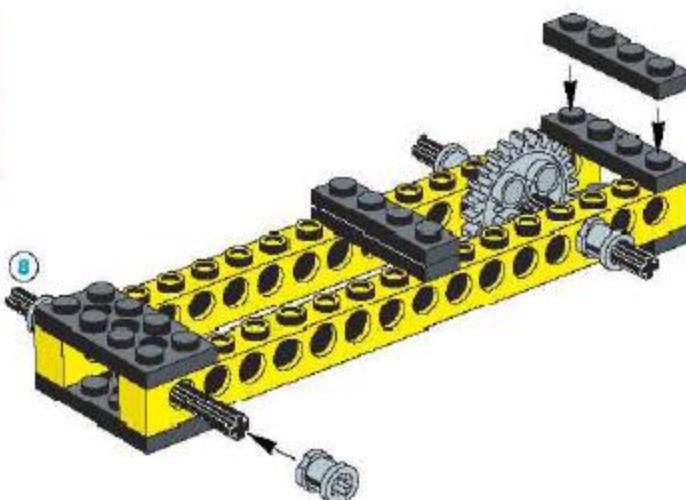
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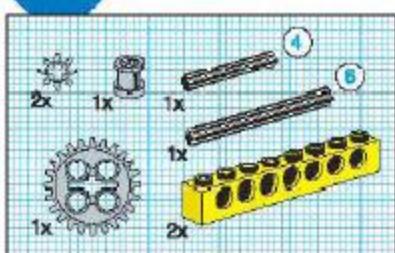
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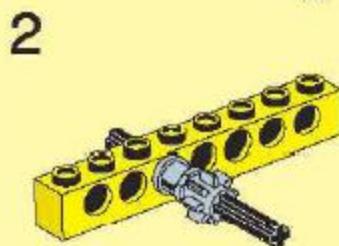
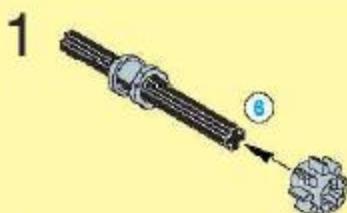
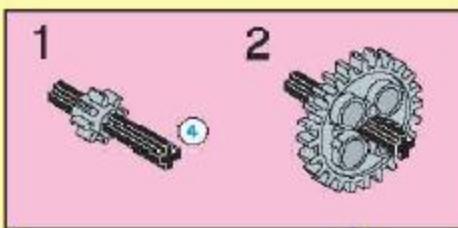
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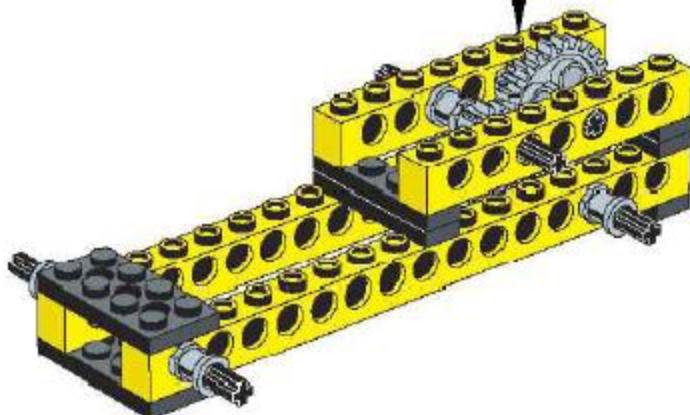
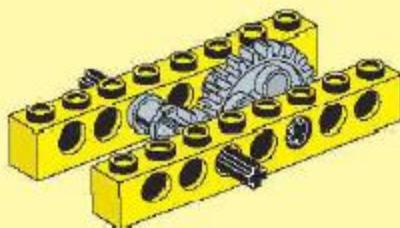
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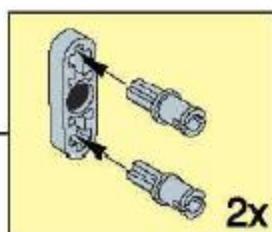
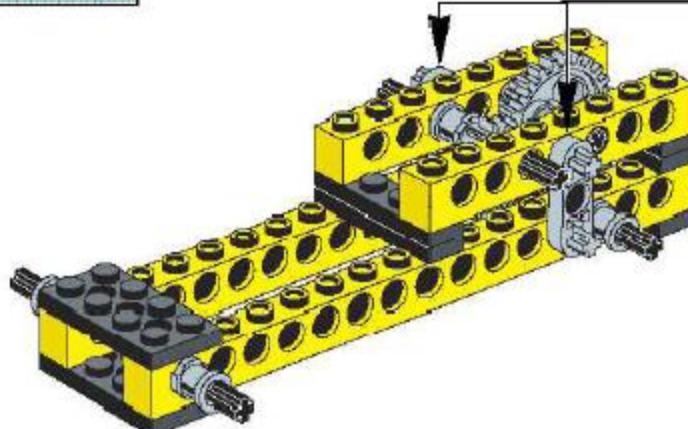
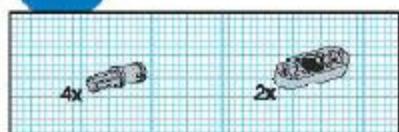
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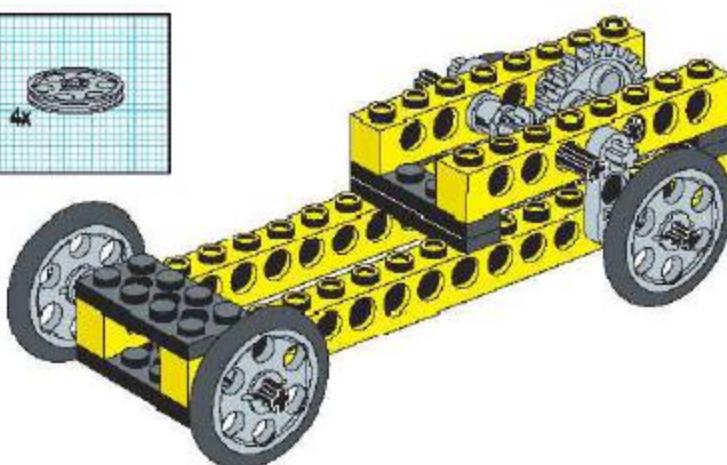
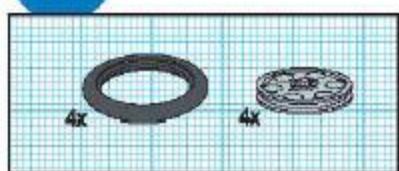


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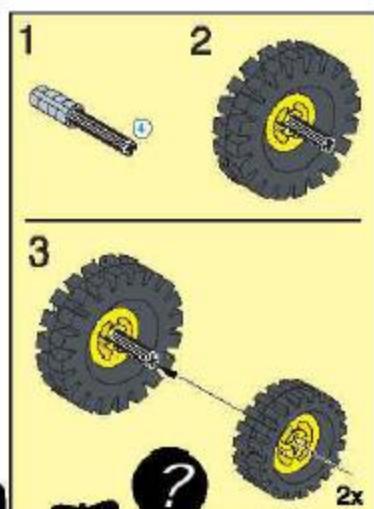
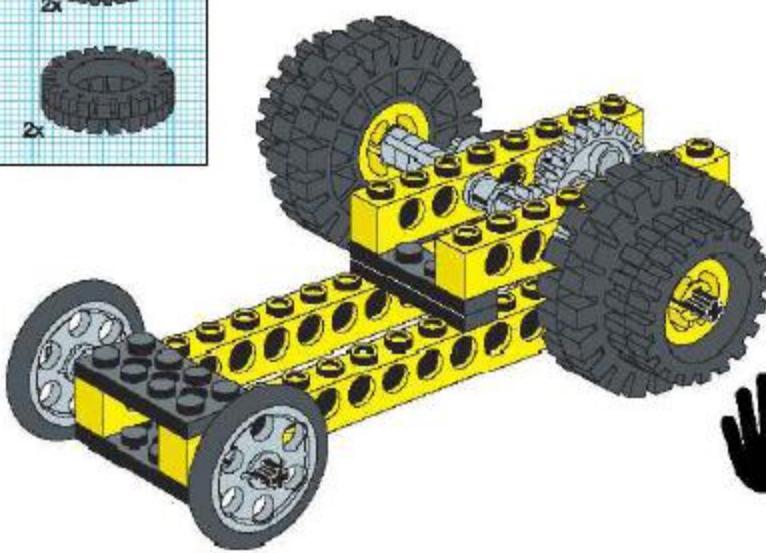
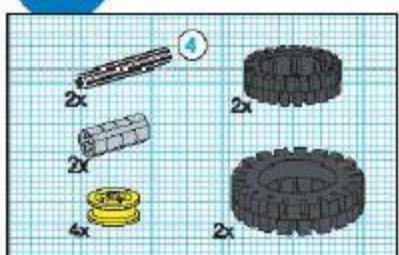


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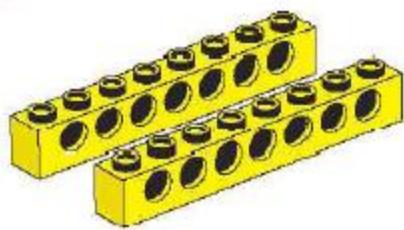
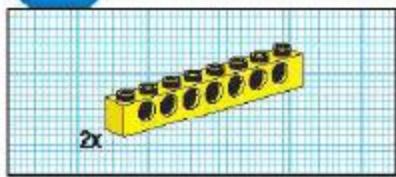
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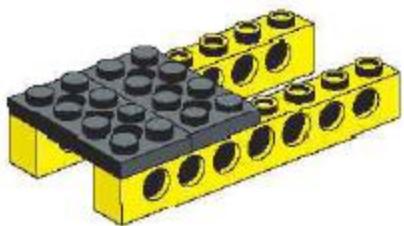
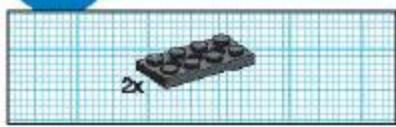
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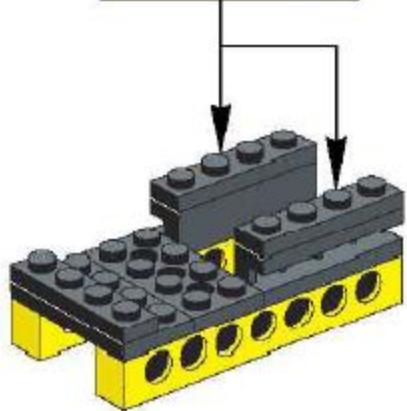
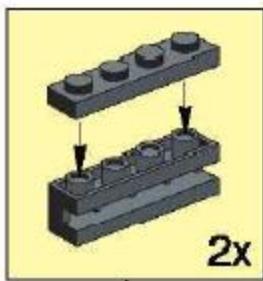
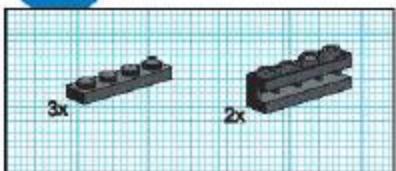
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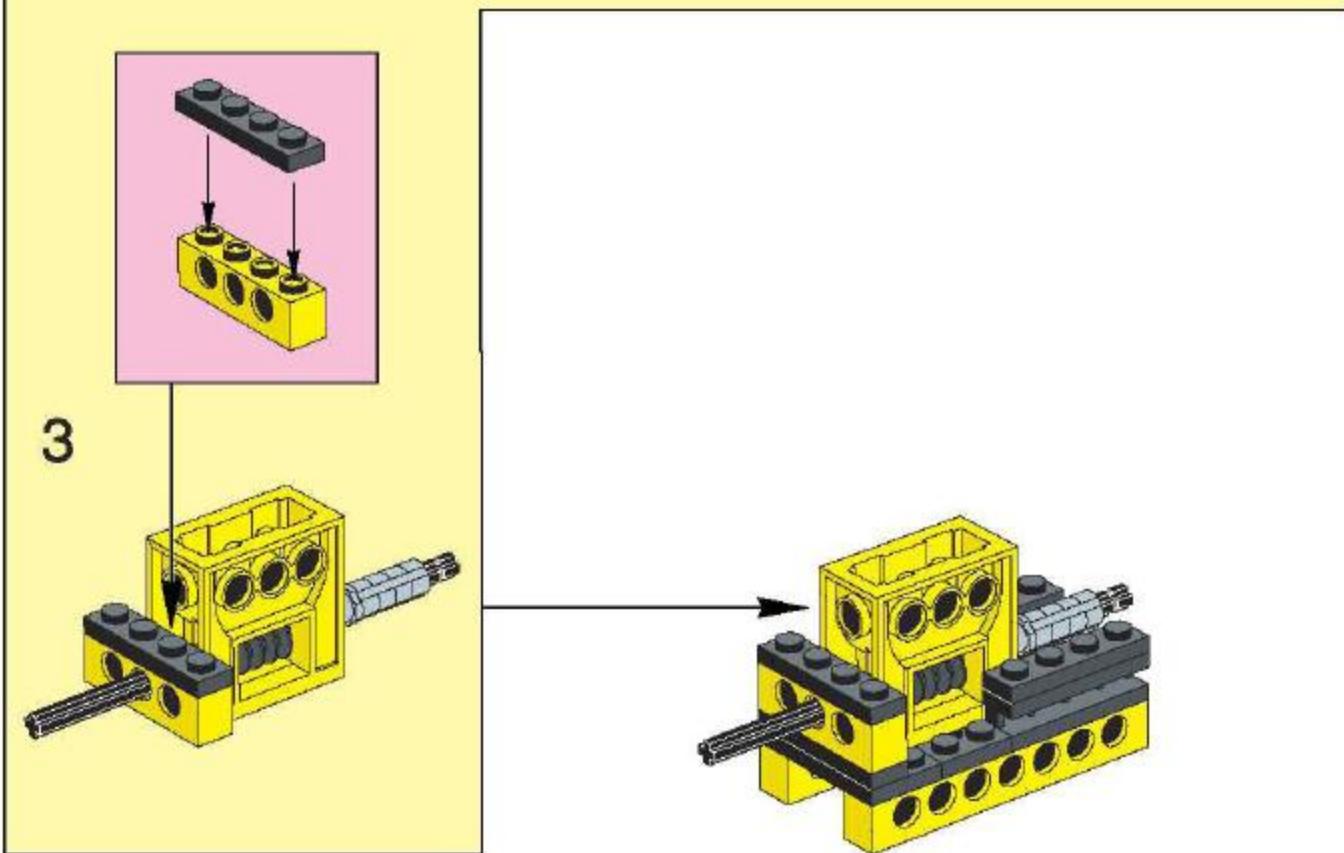
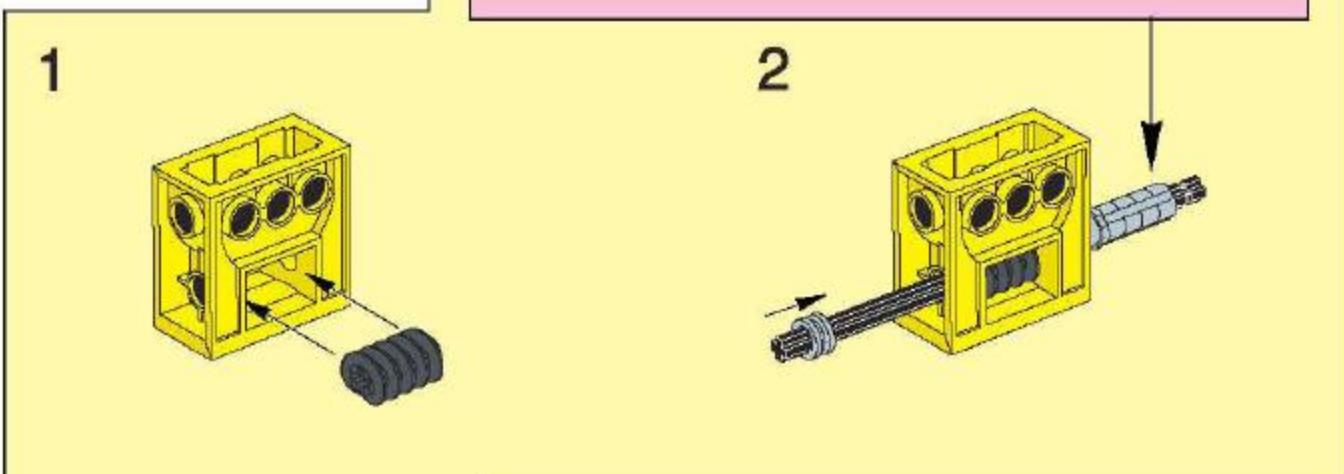
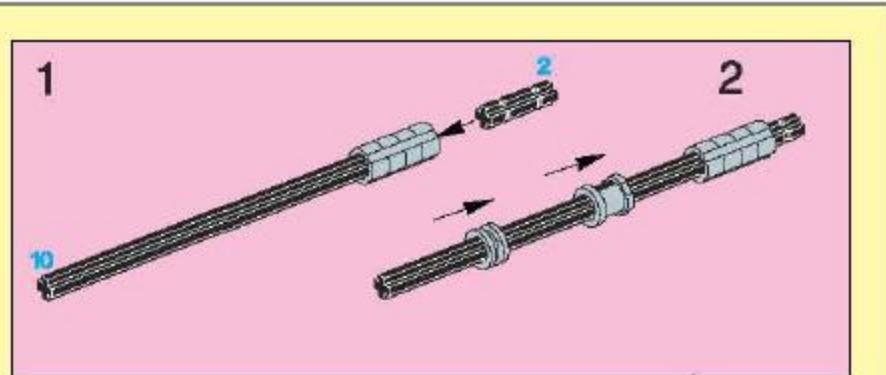
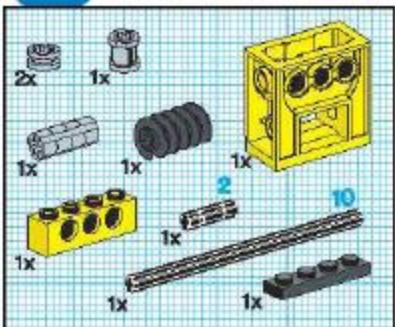
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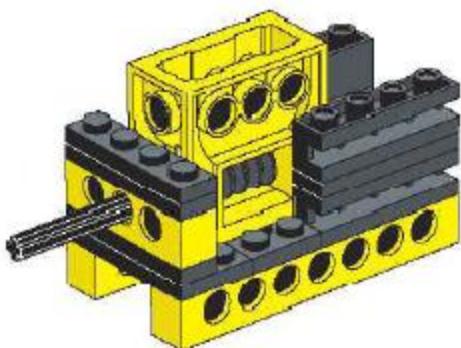
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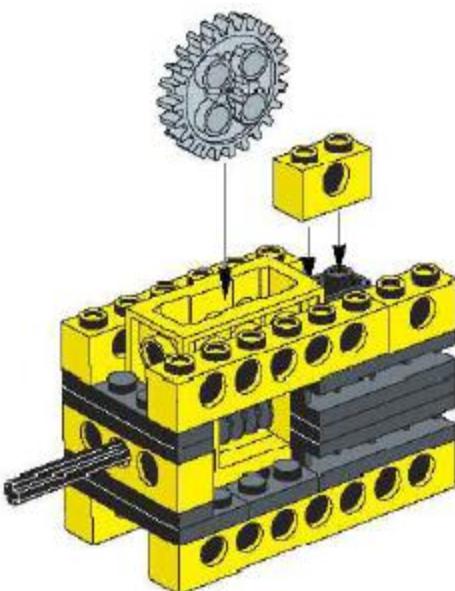
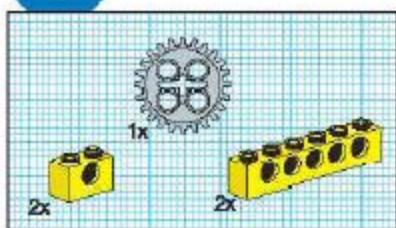
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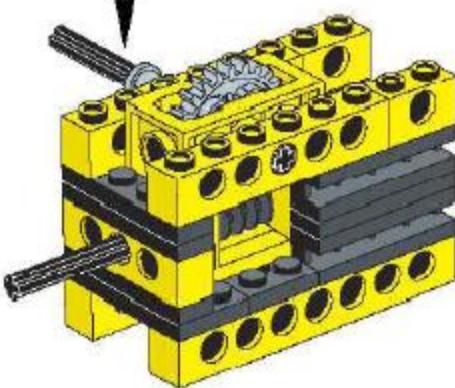
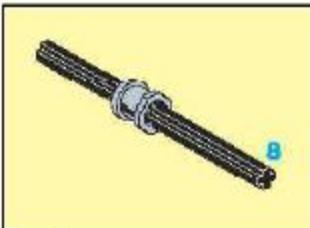
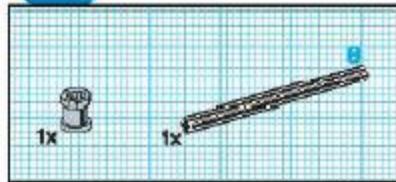
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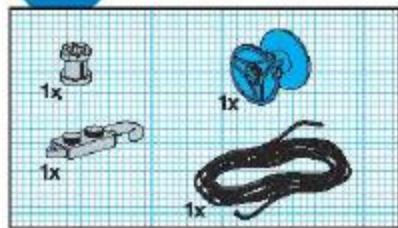
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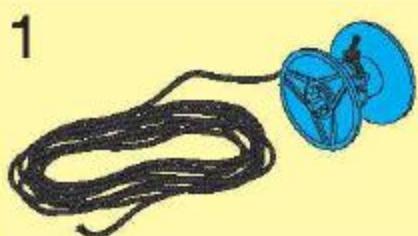
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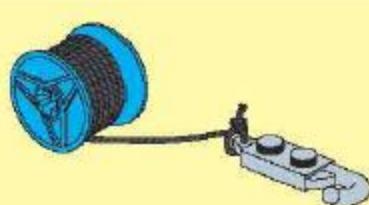
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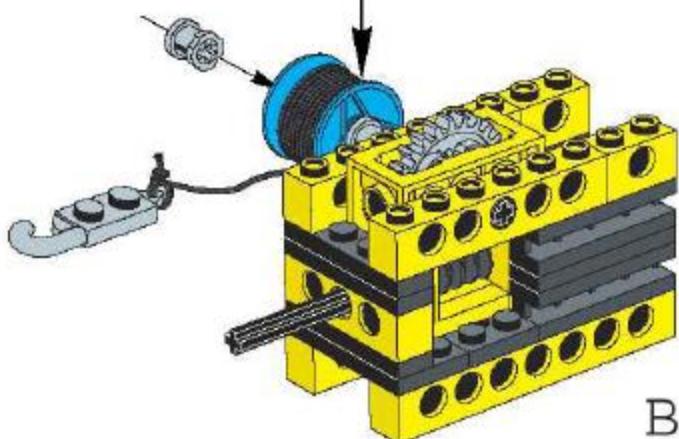
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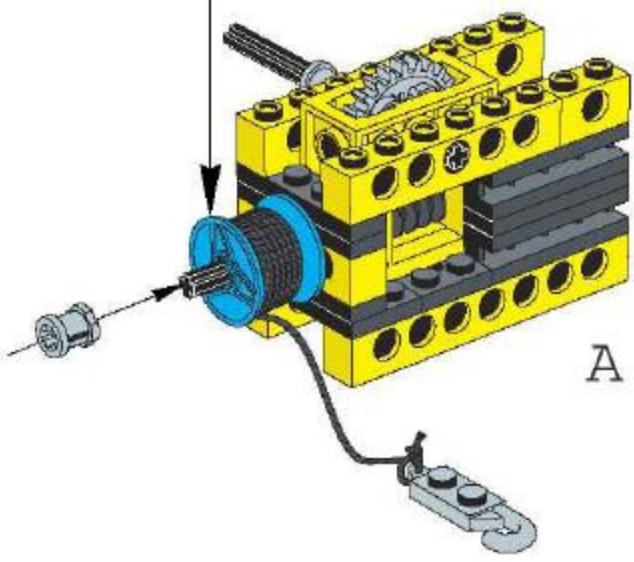
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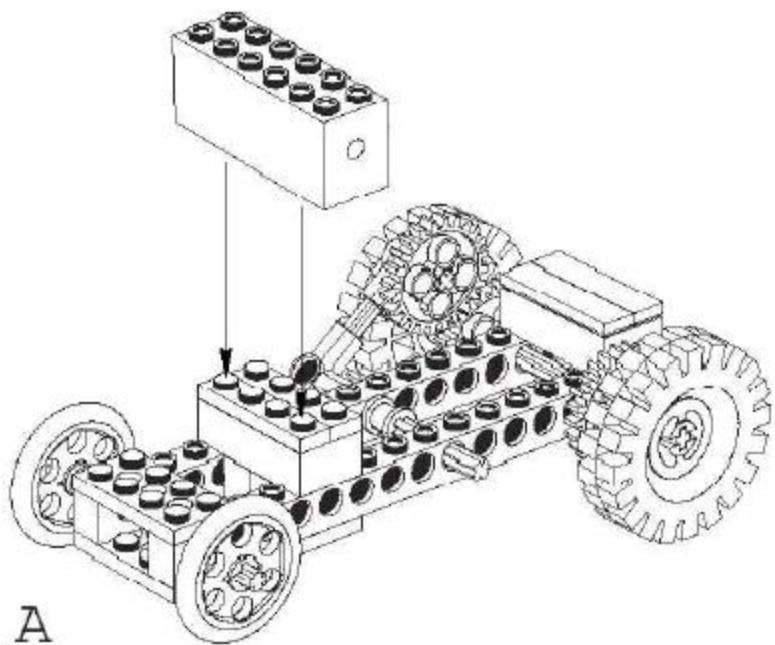


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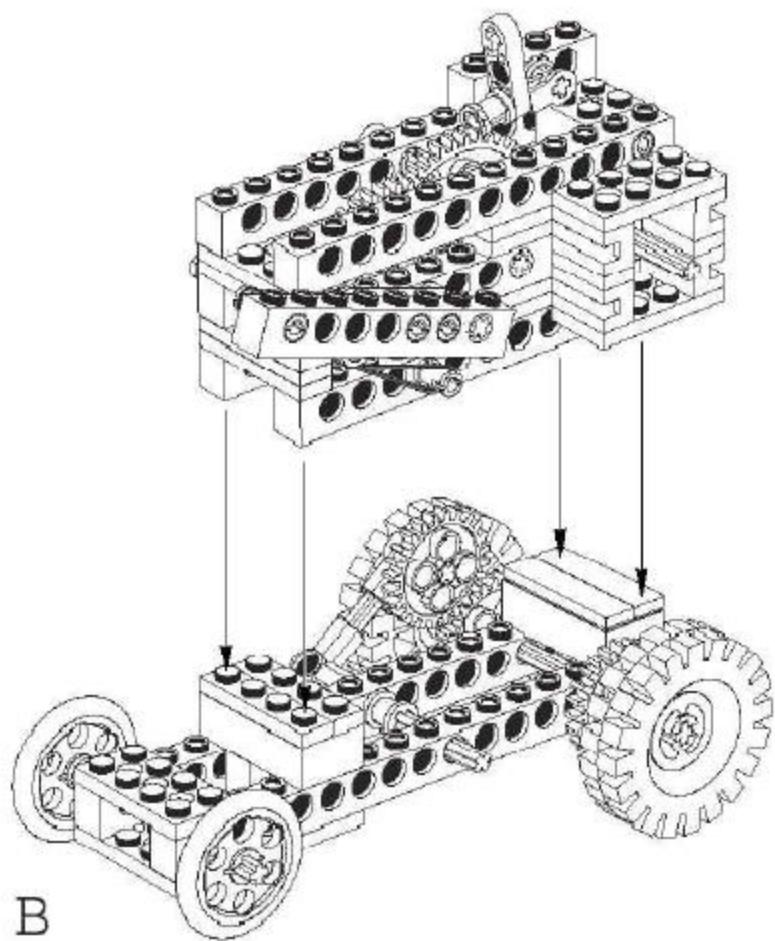


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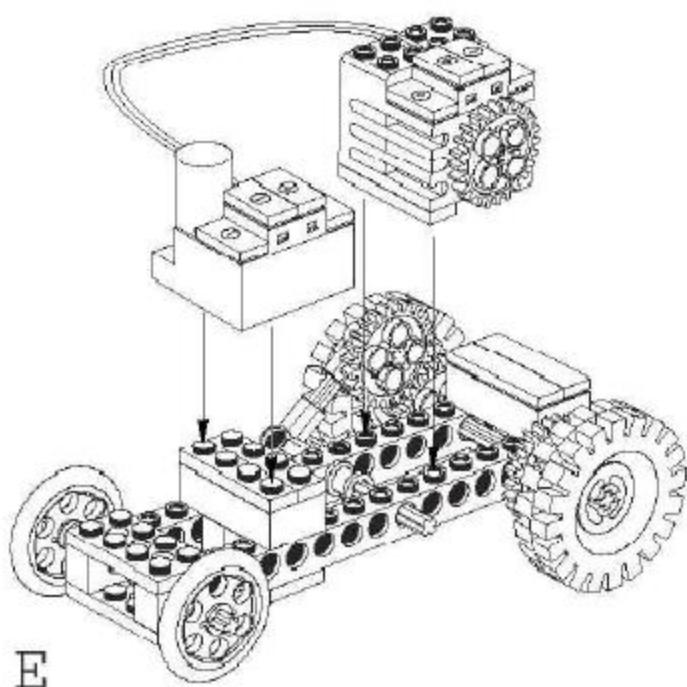
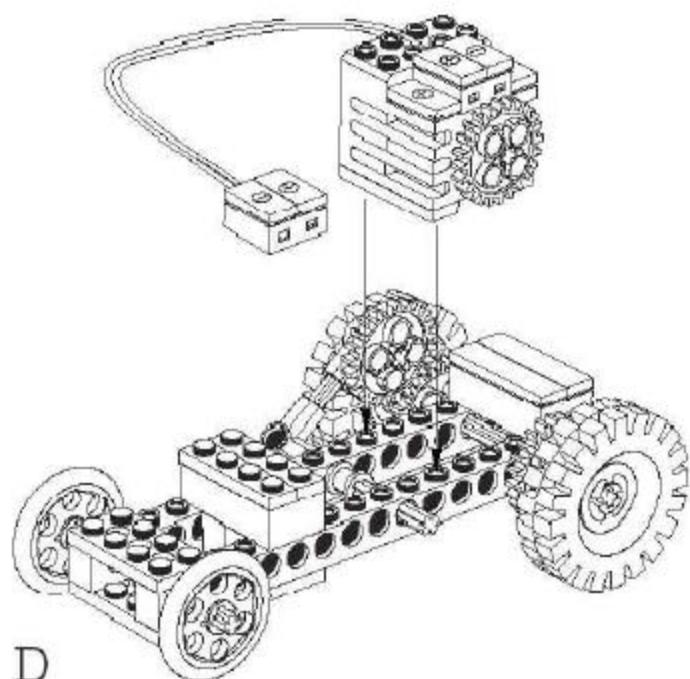
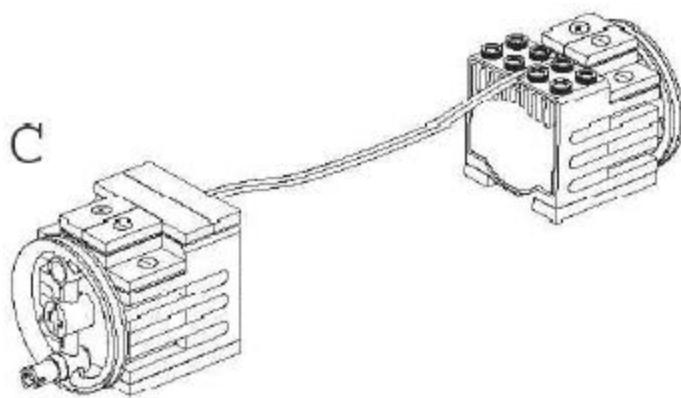


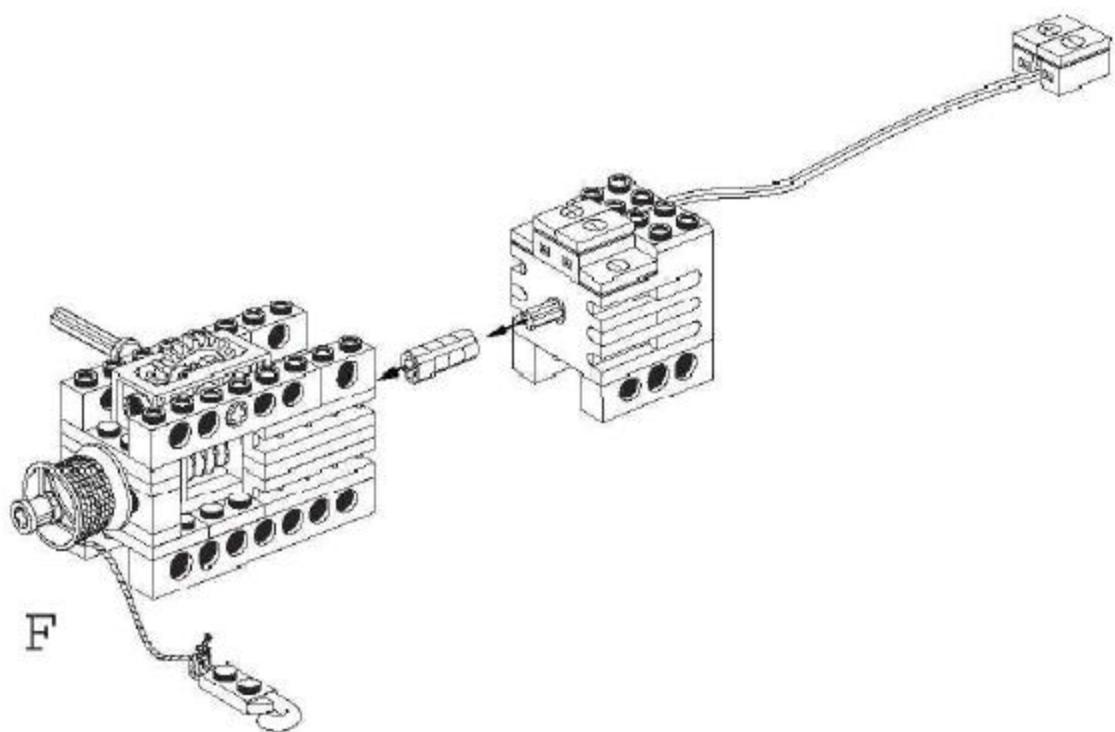


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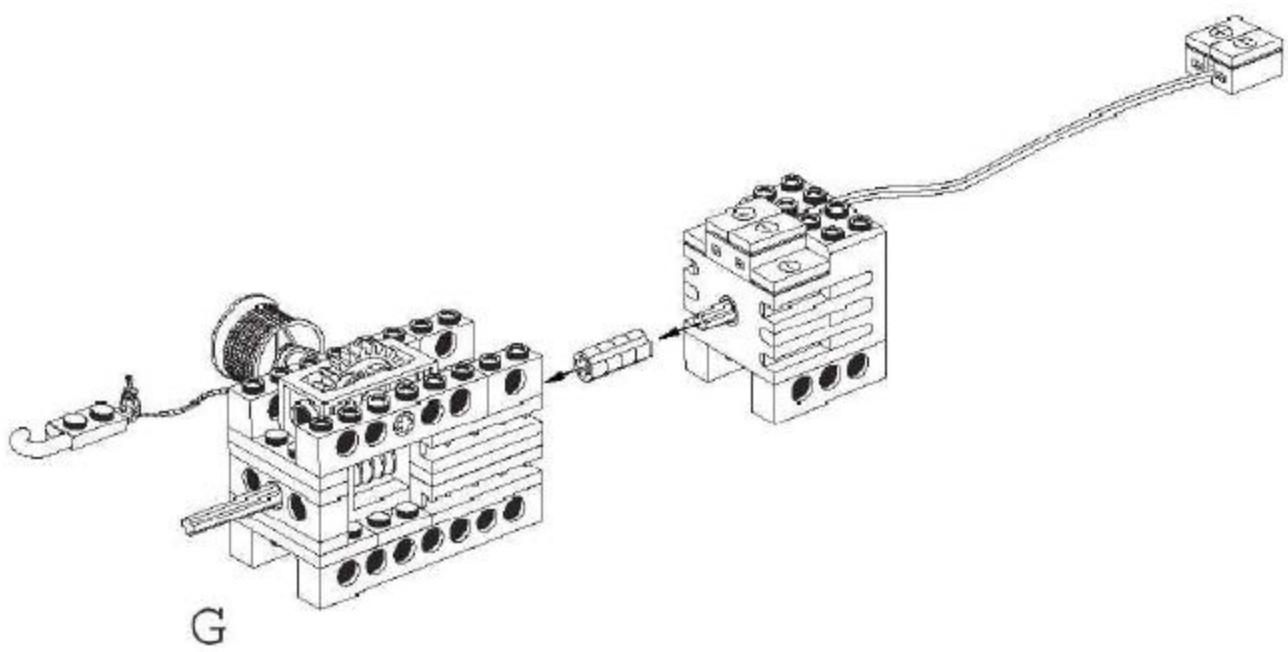


B





F



G



a. Specifications

UK/US

- Max voltage 9 volt. Will start at about 1 volt.
- Free running rpm 350
- Free running current 5 mA
- Blocking current 350 mA.

b. Caution

- The motor is not waterproof.

a. Technische Daten

D

- Maximale Spannung 9V. Betrieb ab ca. 1 volt.
- 350 Umdrehungen pro Minute
- Stromstärke im Betriebszustand 5 mA
- Sperrstromstärke 350 mA.

b. Vorsicht

- Der Motor ist nicht wasserfest.

Solar cell
Solarzelle
Célula Solar
Cellule solaire
Células Solares
太陽電池
태양전지
太陽電池



a. Specifications

UK/US

- 3V, 200mA at full sun outdoors.
- 3V, 100 mA indoors at full sun through window
- 2.5V, 8 mA with light from 60w incandescent lamp with 25 cm distance to solar cell (2000 lux)
- 2.5V, 40 mA with light from 60w incandescent lamp with 8 cm distance to solar cell (10000 lux).

b. Caution

- Do not bend excessively or push hard on the clear plastic window.
- Do not step on or otherwise place heavy weight on the solar cell.
- The solar cell is not waterproof.

a. Technische Daten

D

- 3V, 200mA bei direkter Sonneneinstrahlung im Freien
- 3V, 100mA bei direkter Sonneneinstrahlung durch das Fenster im Raum
- 2.5V, 8mA bei Lichteinstrahlung einer 60 W Glühlampe im Abstand von 25cm zur Solarzelle (2000 Lux)
- 2.5V, 40mA bei Lichteinstrahlung einer 60 W Glühlampe im Abstand von 8 cm zur Solarzelle (10000 Lux).

b. Vorsicht

- Das transparente Plastikfenster nicht übermäßig biegen oder fest darauf drücken
- Nicht auf die Solarzelle treten oder schwere Gegenstände darauf legen
- Die Solarzelle ist nicht wasserfest.

a. Especificaciones

E

- 3V, 200mA a exposición solar total
- 3V, 100mA en lugares cerrados a exposición solar total a través de una ventana
- 2.5V, 8mA con luz incandescente de 60w a una distancia de 25 cm. de la celda solar (2000 lux)
- 2.5V, 40 mA con luz incandescente de 60w a una distancia de 8 cm. de la celda solar (10000 lux).

b. Precauciones

- No doblar excesivamente o empujar fuerte la ventanilla de plástico
- No pisar ni colocar objetos pesados sobre la célula solar
- La célula solar no es resistente al agua.

a. Caractéristiques

F

- 3V, 200mA à l'extérieur en plein soleil
- 3V, 100 mA en intérieur plein soleil au travers d'une fenêtre
- 2.5V, 8 mA avec une lampe à incandescence de 60w à 25 cm. de la cellule (2000 lux)
- 2.5V, 40 mA avec une lampe à incandescence de 60w à 8 cm. de la cellule (10000 lux).

b. Précaution

- Ne pas plier excessivement ou pousser sur la vitre en matière plastique
- Ne pas poser ou appuyer une charge de poids important sur la cellule
- La cellule solaire n'est pas étanche à l'eau.

a. Especificaciones

E

- Voltaje máximo: 9 voltios. Se encenderá a aproximadamente 1 voltio
- Funcionamiento libre: rpm 350
- Corriente de funcionamiento libre: 5 mA
- Corriente de bloqueo: 350 mA.

b. Precauciones

- El motor no es resistente al agua.

a. 規格

CN/HK

- 最大電圧9伏特・最大電流9伏特
- 空轉（無負載）轉速350 rpm
- 空轉（無負載）電流5毫安培
- 阻擋電流350毫安培

b. 警告

- 高速並不防水

a. Caractéristiques

F

- Tension maxi 9 volts. Démarrage à partir de 1 volt
- Rotation à vide 350 min
- Courant à vide 5 mA
- Courant de blocage 350 mA.

b. Précaution

- Le moteur n'est pas étanche à l'eau.

a. 기술 규격

ROK

- 최대전압 9V. 약 1V에서 작동하기 시작함.
- 공회전 350 rpm
- 공회전 전류 5 mA
- 저항전류 350 mA.

b. 주의

- 본 모터는 방수가 되지 않습니다.

a. Technische Daten

F

- Tensão máxima de 9 volts. Começa com aproximadamente 1 volt
- Velocidade sem carga de 350 rpm
- Corrente sem carga de 5 mA
- Proteção de corrente de 350 mA.

b. Präcaution

- O motor não é à prova d'água.

a. 仕様

JAP

- 最大電圧 9V@1Vで始動
- 自走速度 350 rpm
- 自走電流 5 mA
- 阻擋電流 350 mA

b. 注意

- モーターは防水されていません。

a. Specifications

UK/US

- 3V, 200mA at full sun outdoors.
- 3V, 100 mA indoors at full sun through window
- 2.5V, 8 mA with light from 60w incandescent lamp with 25 cm distance to solar cell (2000 lux)
- 2.5V, 40 mA with light from 60w incandescent lamp with 8 cm distance to solar cell (10000 lux).

b. Caution

- Do not bend excessively or push hard on the clear plastic window.
- Do not step on or otherwise place heavy weight on the solar cell.
- The solar cell is not waterproof.

a. Technische Daten

D

- 3V, 200 mA bei direkter Sonneneinstrahlung im Freien
- 3V, 100mA bei direkter Sonneneinstrahlung durch das Fenster im Raum
- 2.5V, 8mA bei Lichteinstrahlung einer 60 W Glühlampe im Abstand von 25cm zur Solarzelle (2000 Lux)
- 2.5V, 40 mA bei Lichteinstrahlung einer 60 W Glühlampe im Abstand von 8 cm zur Solarzelle (10000 Lux).

b. Vorsicht

- Das transparente Plastikfenster nicht übermäßig biegen oder fest darauf drücken
- Nicht auf die Solarzelle treten oder schwere Gegenstände darauf legen
- Die Solarzelle ist nicht wasserfest.

a. Especificaciones

E

- 3V, 200mA a exposición solar total
- 3V, 100mA en lugares cerrados a exposición solar total a través de una ventana
- 2.5V, 8mA con luz incandescente de 60w a una distancia de 25 cm. de la celda solar (2000 lux)
- 2.5V, 40 mA con luz incandescente de 60w a una distancia de 8 cm. de la celda solar (10000 lux).

b. Precauciones

- No doblar excesivamente o empujar fuerte la ventanilla de plástico
- No pisar ni colocar objetos pesados sobre la célula solar
- La célula solar no es resistente al agua.

a. Caractéristiques

F

- 3V, 200mA à l'extérieur en plein soleil
- 3V, 100 mA en intérieur plein soleil au travers d'une fenêtre
- 2.5V, 8 mA avec une lampe à incandescence de 60w à 25 cm. de la cellule (2000 lux)
- 2.5V, 40 mA avec une lampe à incandescence de 60w à 8 cm. de la cellule (10000 lux).

b. Précaution

- Ne pas plier excessivement ou pousser sur la vitre en matière plastique
- Ne pas poser ou appuyer une charge de poids important sur la cellule
- La cellule solaire n'est pas étanche à l'eau.

a. Especificações

CN/HK

- 3V, 200 mA com sol intenso do lado de fora da casa
- 3V, 100 mA com sol intenso do lado de dentro da casa através da janela
- 2.5V, 8 mA com a luz de uma lâmpada incandescente de 60 W afastada 25 cm da célula solar (2000 lux)
- 2.5V, 40 mA com a luz de uma lâmpada incandescente de 60 W afastada 8 cm da célula solar (10000 lux).

b. Precauções

- Não dobrar nem pressionar com objetos duros
- Não pisar nem colocar objetos pesados sobre a célula solar
- A célula solar não é à prova d'água.

a.規格

CN/HK

- 3伏特、300毫安培、相當於戶外日曬光下的陽光強度
- 3伏特、100毫安培、相當於透過窗戶照到室內的陽光強度
- 2.5伏特、8毫安培、相當於距離25公分外、60瓦的白熾燈泡照明強度(2000毫光斯、即系開光)
- 2.5伏特、40毫安培、相當於距離8公分外、60瓦的白熒燈泡照明強度(10000毫光斯、即系開光)

b.警告

- 太陽電池板不得摺或壓折
- 不得踩踏太陽電池板，或於其上放置重物
- 太陽電池板並不防水

a. 規格

ROK

- 室外에서 최대로 태양이 노출될 경우3V, 200mA.
- 실내에서 창문을 통해 최대로 태양에 노출될 경우3V, 100 mA.
- 25cm 떨어진 60W 백열경등이 노출될 경우 (2000 lux) 2.5V, 8 mA.
- 8cm 떨어진 60W 백열경등이 노출될 경우 (10000 lux) 2.5V, 40 mA.

b. 주의사항

- 태양판에 투명한 플라스틱 판을 살짝 누르거나 구부리지 마십시오.
- 전지를 밟거나 무거운 물체를 올리지 마십시오.
- 본 태양판자는 맞수가 되지 않습니다.

a. 規格

JAP

- 電池板屋外で3V, 200 mA
- 電池板室内の直接受光で3V, 100 mA
- 本電池板と距離が25cmの60W白熱灯からの光で2.5V, 8 mA (2000ルクス)
- 本電池板との距離が8cmの60W白熱灯からの光で2.5V, 40 mA (10000ルクス)

b. 注意

- 電池板をプラスチック板を実際に曲げたり強い力で押さないでください。
- 本電池板を踏んだり、重いものを乗せたりしないでください。
- 本電池板は防水されていません。

Capacitor
Kondensator
Condensador
Condensateur
Capacitor
電容器
コンデンサー



E	CN/HK
<p>a. Especificaciones</p> <ul style="list-style-type: none"> - 1 F (Faradio) condensador electrolítico de 2.5 voltios - Voltaje de operación 2.5 voltios normal. Voltaje de carga 4 voltios máximos - Máxima corriente de carga y de descarga: 0 - 250 mA - Indicador LED de color rojo cuando se carga completamente a 2.5 voltios - Protegido contra polaridad negativa. No cargará completamente en ese caso. <p>b. Precaución</p> <ul style="list-style-type: none"> - El condensador no es resistente al agua. 	<p>a. 规格</p> <ul style="list-style-type: none"> - 1F(法拉)・2.5伏特電容器 - 正常操作電壓2.5伏特。最大充電電壓4伏特。 - 最大充電電流0-250毫安培 - 當2.5伏特電壓充滿時，紅色指示燈會亮 - 電池充反時，保護措施會讓電池無法充電 <p>b. 警告</p> <ul style="list-style-type: none"> - 電容器並不防水

a. Specifications	UK/US
<ul style="list-style-type: none"> - 1 F (Farad) 2.5 volt electrolytic capacitor - Operating voltage 2.5 volt normal. Charging voltage max. 4 volt - Max charging and discharging current 0 - 250 mA - Red LED indicator when fully charged at 2.5 volt - Protected against reverse polarity. Will not fully charge then. b. Caution <p>The capacitor is not waterproof.</p>	

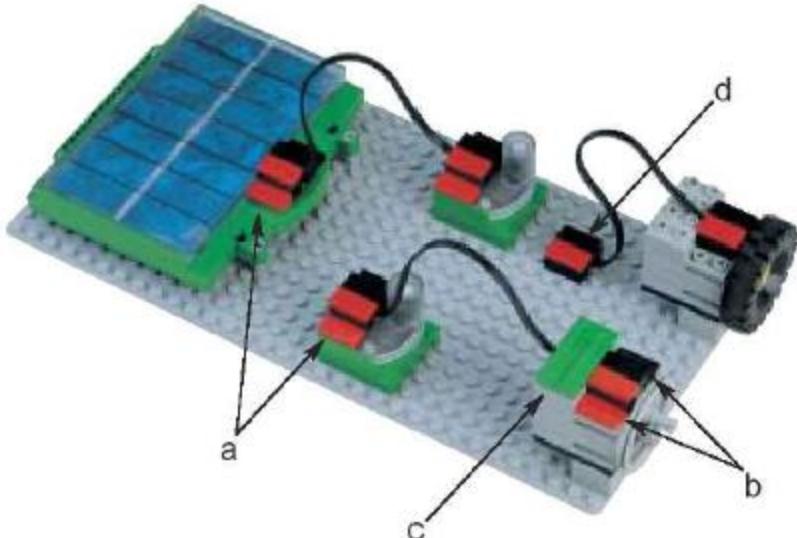
a. Caractéristiques	F
<ul style="list-style-type: none"> - Condensateur électrolytique de 1 F (Farad) 2.5 volts - Tension normale d'utilisation 2.5 volts. Tension de charge maxi 4 volts - Courant maxi de charge et de décharge 0 - 250 mA - Diode rouge témoin de charge maxi à 2.5 volts - Protégé contre l'inversion de polarité. Ne conservera pas sa charge dans ce cas. b. Précaution <p>Le condensateur n'est pas étanche à l'eau.</p>	

a. 기술 규격	ROK
<ul style="list-style-type: none"> - 1 F (Farad) 2.5V 전해 충전기 - 인관작동전압 2.5V, 충전전압은 최대 4V. - 최대 충전 및放電 전류 0 - 250 mA. - 2.5V로 충전이 완료되면 LED 표시기에 적색점등. - 전극이 뒤집는 경우 보호기능으로 방지. 이 경우 충전이 원천히 되지 않음. <p>b. 주의</p> <ul style="list-style-type: none"> - 본 충전기는 방수되지 않습니다. 	

a. Technische Daten	D
<ul style="list-style-type: none"> - 1 F (Farad) 2.5V Elektrolytkondensator - Normale Betriebsspannung 2.5 V, Ladespannung max. 4V - Maximale Lade- und Entladestromstärke 0-250 mA - Rote LED Anzeige, wenn Kondensator vollständig geladen ist, bei 2.5 V - Ist vor entgegengesetzter Polung geschützt. Wird dabei nicht vollständig aufgeladen. b. Vorsicht <p>Der Kondensator ist nicht wasserfest.</p>	

a. Especificações	P
<ul style="list-style-type: none"> - Capacitor eletrolítico de 1 F (Farad) e 2,5 volts - Tensão de operação normal: 2,5 volts. Tensão máxima de carga: 4 volts - Corrente máxima de carga ou descarga entre 0 - 250 mA - Diodo vermelho que indica quando atinge plena carga a 2,5 volts - Proteção contra polaridade reversa. Assim o capacitor não será carregado. b. Precaução <p>O capacitor não é à prova d'água.</p>	

a. 仕様	JAP
<ul style="list-style-type: none"> - 1F (ファラド) 2.5V 電解コンデンサー - 準常動作電圧 2.5V。最大充電電圧 4V。 - 最大充電・放電電流 0 ~ 250 mA - 2.5Vで充電終了時に赤いLEDインジケーター点灯 - 動極性に対して保護。その場合は完全に充電されません。 <p>b. 注意</p> <ul style="list-style-type: none"> - コンデンサーは防水されていません。 	



Connecting solar cell, capacitor and generator
Identifying plus (+), (-)

Red tiles are used to identify (+). Black tiles are used to identify (-). The solar cell and capacitor have (+) and (-) molded in the plastic. Always place a red tile over (+) and a black tile over (-) on the solar cell and the capacitor, regardless of whether the capacitor is being charged or discharged. See illustration "a" above. (+) and (-) on the generator. When the handle is turned clockwise (+) will be to the left and (-) to the right seen from the front. On illustration "b" above this is thus indicated with red and black tiles.

To indicate the motor is being used as a generator two green tiles are attached to the top. This is done throughout the instruction booklet. See illustration "c" above.

All wires are (+) and (-) coded using red and black tiles. See illustration "d" above.

NOTE: The capacitor will ONLY charge when (+/red) and (-/black) are connected correctly to the solar cell or the generator. It will not damage the capacitor if incorrectly connected.

UK/US

Aansluiten van Solarcelle, Kondensator en Motor Erkennen van Plus- (+) en Minuspol (-)

Rote Plättchen werden verwendet, um (+) zu erkennen. Schwarze Plättchen werden verwendet, um (-) zu erkennen. Die Solarzelle und der Kondensator sind bereits mit (+) und (-) gekennzeichnet. Befestigen Sie an der Solarzelle und am Kondensator immer ein rotes Plättchen über (+) und ein schwarzes Plättchen über (-), unabhängig davon, ob der Kondensator geladen oder entladen wird. Siehe Zeichnung „a“ oben.

(+) und (-) am Generator. Wenn die Kurbel im Uhrzeigersinn gedreht wird, befindet sich von vorne betrachtet, (+) auf der rechten und (-) auf der linken Seite.

In der Zeichnung „b“ oben wird dies folglich mit roten und schwarzen Plättchen angezeigt.

Um zu erkennen, daß der Motor als Generator benutzt wird, werden zwei grüne Plättchen darauf befestigt. Dies wird überall im Anleitungsbuch so gehandhabt. Siehe Zeichnung „c“.

Alle Leitungen werden mit (+) und (-) codiert, indem die roten und schwarzen Plättchen dazu verwendet werden. Siehe Zeichnung „d“ oben.

HINWEIS: Der Kondensator wird NUR geladen, wenn (+/rot) und (-/blau) richtig an der Solarzelle oder dem Generator angeschlossen ist. Sollte der Kondensator falsch angeschlossen sein, wird er dadurch nicht beschädigt.

Conectando la celda solar, el condensador y el generador

Identificando positivo (+) / negativo (-)

Las losetas de color rojo son usadas para identificar (+). Las losetas negras son usadas para identificar (-). La celda solar y el condensador tienen (+) y (-) marcados en el plástico. Siempre coloca una loseta roja sobre el (+) y una loseta negra sobre el (-) en la celda solar y en el condensador, a pesar de que el condensador esté siendo cargado o descargado. Ver la figura "a".

(+) y (-) en el generador. Cuando se gira la manivela en sentido de las agujas del reloj, (+) estará a la izquierda y (-) a la derecha vistos desde el frente.

En la Figura "b", está indicado con las losetas roja y negra.

Para indicar que el motor está siendo utilizado como un generador, se conectan dos losetas verdes a la parte superior. Esto se realiza en todo el manual de construcción. Ver Figura "c".

Todos los cables son (+) y (-) utilizando losetas rojas y negras. Ver Figura "d".

NOTA: El condensador SOLAMENTE cargará cuando (+/rojo) y (-/negro) estén conectados correctamente a la celda solar o al generador. No dañará al condensador si está conectado incorrectamente.

Relier cellule solaire , condensateur et générateur

Identifier les pôles (+) et moins (-).

Les caches rouges sont utilisés pour repérer le (+). Les caches noirs sont utilisés pour repérer le (-). La cellule solaire et le condensateur possèdent des repères (+) et (-) marqués dans la matière plastique. Placez toujours un cache rouge sur le (+) et un noir sur le (-) de la cellule solaire et du condensateur, sans se soucier de l'état de charge du condensateur. Voir illustration "a".

(+) et (-) sur le générateur. Lorsque l'on tourne la manivelle dans le sens des aiguilles d'une montre, le (+) doit être à gauche et le (-) à droite en regardant de face. Sur l'illustration "b" ci-dessus les caches rouge et noir montrent cette situation.

Pour repérer que le moteur est utilisé comme générateur, deux caches verts sont placés au dessus. Ce repérage est utilisé dans l'ensemble du livret d'instruction. Voir illustration "c".

Tous les câbles sont repérés en utilisant (+) et (-) avec des caches rouges et noirs. Voir illustration "d".

NOTE: Le condensateur se charge SEULEMENT quand (+/rouge) et (-/noir) sont reliés correctement à la cellule solaire ou au générateur. Le condensateur ne sera pas endommagé en cas de mauvais branchement.

Conectando célula solar, capacitor e gerador

Identificando a polaridade (+) e (-).

Pegas vermelhas são usadas para identificar (+). Pegas pretas são usadas para identificar (-). A célula solar e o capacitor têm (+) e (-) moldados no plástico. Sempre coloque as peças vermelhas sobre (+) e as peças pretas sobre (-) na célula solar e no capacitor, independentemente de onde o capacitor está sendo carregado ou descarregado. Veja ilustração "a" acima.

(+) e (-) no gerador. Quando a manivela estiver girando no sentido horário, o (+) estará a esquerda e o (-) a direita com o gerador visto de frente. A ilustração "b" acima está assim indicado com peças vermelhas e pretas.

Para indicar que o motor está sendo usado como gerador, duas peças verdes estão conectadas na parte de cima. Isto é feito de acordo com o manual de instruções. Veja ilustração "c".

Todos os fios estão indicando a polaridade (+) e (-) usando peças vermelhas e pretas. Veja ilustração "d" acima.

Observação: O capacitor SOMENTE receberá carga quando (+/vermelho) e (-/preto) estiverem conectados corretamente à célula solar ou ao gerador. O capacitor não será danificado se for conectado incorretamente.

太陽電池・電容器・蓄電池の接続方式

正負極別別式

赤色蓋板代表正極，黑色蓋板代表負極。太陽能電池和電容器的蓋板面板上。所以 (+) 代表正極，(-) 代表負極。不管太陽能電池和電容器是否屬於充電狀態，務必注意正負極接線正確。請參考上方"b"圖。

如何判斷電池的正負極。西勢營電機，順時針方向轉動把手時，左方代表正極，右方代表負極。請參考上方"b"圖紅色和黑色蓋板的部分。

為了顯示當成蓄電池的端子，我們在端子的上方會顯示顏色的記號。你可以在模型建築說明書中發現，請參考"b"圖。

所有連接的電線都看以紅色和黑色蓋板正負極。請參考上方"b"圖。

注意：電容器只有在和太陽能電池及蓄電池，正確的連接時才能充電。如果連接錯誤，並不會損壞電容器。

蓄電池、電容器、蓄電池の接続方法

正負極別別式

赤色蓋板代表正極，黑色蓋板代表負極。太陽能電池和電容器的蓋板面板上。所以 (+) 代表正極，(-) 代表負極。不管太陽能電池和電容器是否屬於充電狀態，務必注意正負極接線正確。請參考上方"b"圖。

判斷極性也是 (+)와 (-)가 있습니다. 원들은 시계방향으로 돌리면 양면에서 힘을 빼려고 (-)를, 두드려 (-)가 됩니다. 위 그림 "b"에서는 적색과 금속색 타원을 표시하고 있습니다.

방전기 및 전류계는 적색 단일 2개를 뺨이 모터가 방전기로 사용을 나님입니다. 그림 "a"를 참조하여 저항서에 따라 쪽업하십시오.

모든 전선은 각 쌍과 경선을 단위로 이용하여 (+)와 (-)포지션을 합니다. 그림 "d"를 참조하십시오.

참고 : 본 솔루션은 양극(+)과 음극(-)이 대량전지나 축전기기에 출발하기 전에는 경우에만 충전됩니다.

현결이 출발되더라도 축전지에 손상을 없습니다.

太陽電池、コンデンサー、光電池の接続

プラス (+) 製とマイナス (-) 製の識別

(+) 製は黒いタイルで識別します。(−) 製は黒いタイルで識別します。太陽電池とコンデンサーはプラスチック部分に (+) と (−) のマークがあります。コンデンサーを充電している場合も該当している場合も、必ず黒いタイルを太陽電池とコンデンサーの (+) 面に被せ、黒いタイルを (−) 面に被せてください。上面の「a」を参照してください。

充電機の (+) と (−) ハンドルを時計回りに回すと、正面から見て (+) が左側、(−) が右側になります。上面の「b」では、赤と青のタイルで両端に示されています。

モーターが充電機として使用されていることを示すため、上面に黒色のタイルが2つ取り付けられています。

これは、使用説明書を参照して行ってください。図中の「c」を参照してください。

電線はすべて、(+) と (−) が赤と黒のタイルで色分けされています。上面の「d」を参照してください。

注: コンデンサーは、(+/赤) と (−/黒) が太陽電池または充電機に正しく接続されている場合にのみ充電されます。

始動が正しくない場合にコンデンサーが損傷しないようになっています。

Note that some of the elements mentioned here may not be included in the building set accompanying this booklet.

Es wird darauf hingewiesen, daß einige, in Verbindung mit diesem Heft erwähnten Elemente nicht im Baukasten enthalten sind.

Observa que algunos de los elementos mencionados no se incluyen en el maletín de construcción que acompaña este manual.

Certains éléments mentionnés ici peuvent ne pas être inclus dans la boîte correspondant à ce livret.

Observe que alguns dos elementos mencionados aqui podem não estar incluídos no conjunto de montagem que acompanha este manual.

有些零件提到的會另外販售，並不包括在積木盒中。

본 책에 언급된 일부는 제품 구성을 위해 구입 수도 있습니다.

ここで述べられている部品の一部は、本書が再掲されている組み立てセットには含まれていない場合があります。