

Bauanleitung
Assembly instruction
Instructions de montage
Bouwhandleiding
Instrucciones de construcción

Manual de montagem
Istruzioni di montaggio
Инструкция по сборке
安装说明书

PROFI
Solar Power

MODELS

4



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- Avec le portail eLearning de fischertechnik, vous pouvez parfaire vos connaissances au sujet de la boîte de construction. Cliquez sur **www.fischertechnik-elearning.com** pour accéder directement à notre portail.
- Met het fischertechnik eLearning portaal geven wij u de mogelijkheid, nog meer achtergrondkennis over het thema van het modulaire systeem te verkrijgen. Via **www.fischertechnik-elearning.com** komt u direct bij het eLearning portaal.
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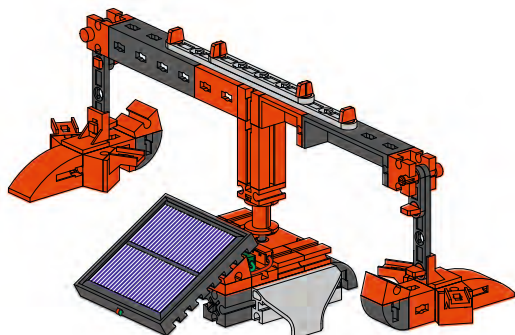
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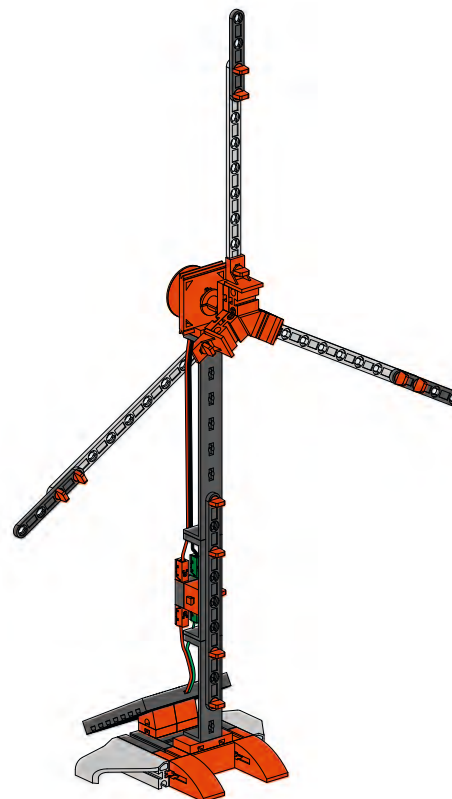
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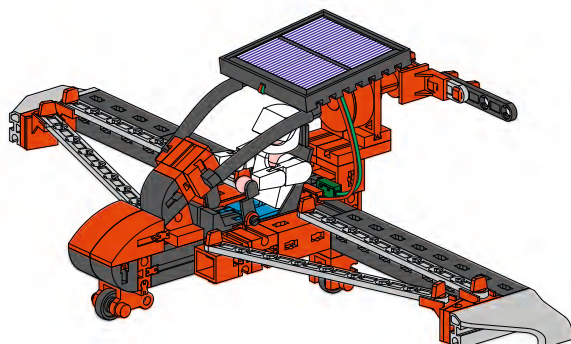
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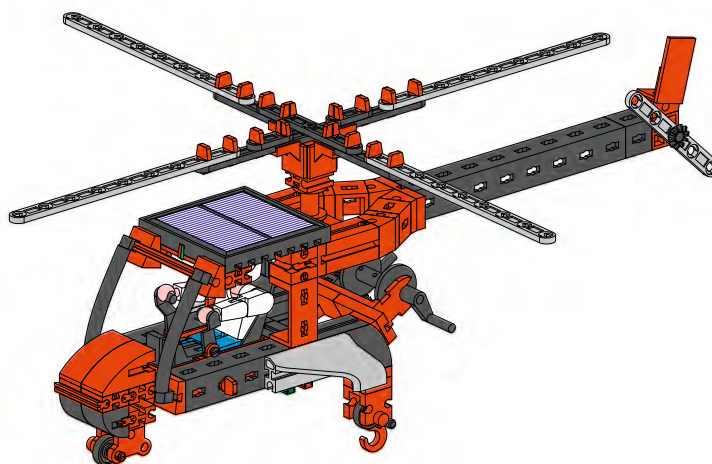
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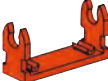


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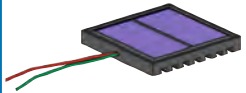
Einzelteilübersicht
Spare parts list
Liste des pièces détachées

	31 011 8 x
	31 016 1 x
	31 027 1 x
	31 060 1 x
	31 061 5 x
	31 330 1 x
	31 597 1 x
	31 674 6 x
	31 690 3 x
	31 905 1 x
	31 909 1 x
	31 918 1 x
	31 978 1 x
	31 981 2 x
	31 982 11 x
	31 984 1 x
	31 994 2 x

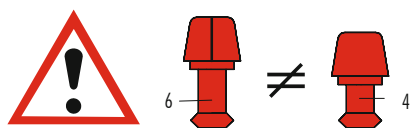
Onderdelenoverzicht
Lista da piezas
Resumo de peça individual

	31 997 1 x
	31 998 1 x
	31 999 1 x
	32 064 1 x
	32 071 4 x
	32 085 1 x
	32 879 4 x
	35 049 2 x
	35 061 1 x
	35 806 1 x
	35 969 1 x
	36 293 1 x
	36 323 14 x
	36 324 4 x
	36 573 3 x
	36 913 3 x

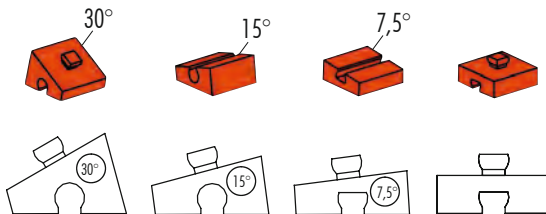
Singoli componenti
Перечень деталей
零件概览

	38 546 1 x
	116 251 2 x
	116 252 3 x
	127 471 2 x
	127 472 2 x
	146 142 1 x
	153 367 4 x
	156 494 1 x
	163 203 4 x
	163 436 1 x
	163 437 1 x
	163 439 2 x
	163 519 2 x
	172 542 4 x
	173 045 1 x
	181 583 2 x
	181 584 2 x

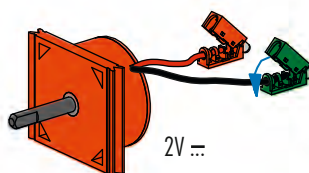
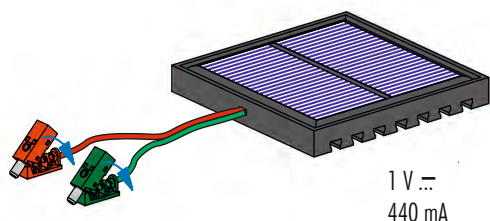
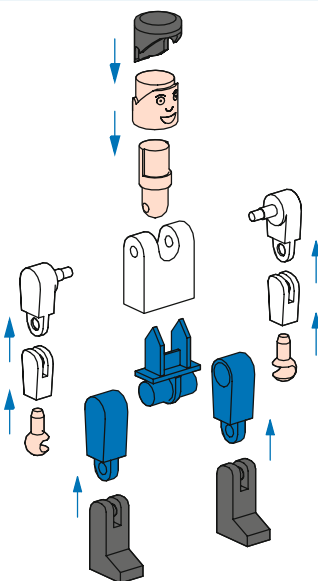
Montagetipps Tips for assembly Tuyaux pour le montage



Montagetips Consejos para el montaje "Dicas" para montagem



Consigli per il montaggio Советы по сборке 装配建议



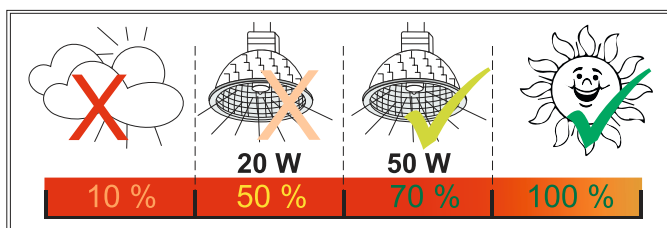
Sicherheitshinweise Safety Information Consignes de sécurité

Veiligheidsrichtlijnen Indicaciones de seguridad Observações sobre segurança

Informazioni per la sicurezza Указания по технике безопасности 安全指南

- Die Solarzellen funktionieren bei Sonnenlicht oder mit einer Halogenlampe. Energiesparlampen oder Leuchtstoffröhren sind nicht geeignet.
- The solar cells work with sunlight or with a halogen light. CFL bulbs or fluorescent lights are not suitable.
- Les cellules solaires fonctionnent si elles sont exposées aux rayons du soleil ou à la lumière d'une lampe halogène. Les lampes à faible consommation d'énergie ou les tubes fluorescents ne sont pas appropriés.
- De zonnecellen werken op zonlicht of met behulp van een halogeenlamp. Spaarlampen of TL-lampen zijn niet geschikt.
- Las celdas solares funcionan con luz solar o una lámpara halógena. Lámparas de ahorro de energía o tubos fluorescentes no son apropiados.
- As células solares funcionam com luz solar ou uma lâmpada de halogênio. Lâmpadas economizadoras de energia ou lâmpadas fluorescentes não são adequadas.

- Le celle solari funzionano con la luce del sole o con una lampada alogena. Le lampade a risparmio energetico e i tubi fluorescenti non sono adatti.
- Солнечные элементы работают от солнечного света или галогенной лампы. Энергосберегающие и люминесцентные лампы не подходят.
- C太阳能电池在太阳光下或用卤素灯工作。不适合使用节能灯或荧光灯管。

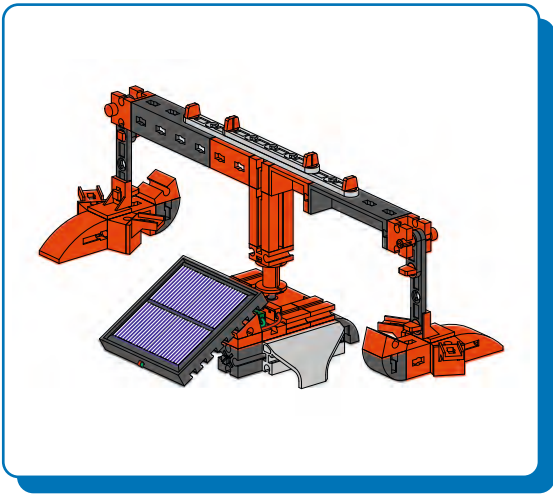


- Achtung! Verletzungsgefahr an Bauteilen mit funktionsbedingten scharfen Kanten und Spitzen!
- Caution! Be careful not to hurt yourself on components with sharp or pointed edges!
- Attention! Risque de blessure sur les éléments comportant des arêtes et o pointes vives indispensables au bon fonctionnement!
- Let op! U kunt zich bezeren aan bouwstenen met sherpe randen of punten!
- Attenzione! Esiste il pericolo di lesione con i pezzi di costruzione che hanno bordi e punte spigolosi necessari per la funzionalita del pezzo!

- Atenção! Perigo de ferimentos em peças componentes com cantos vivos e pontas obrigatórios para o funcionamento!
- Attenzione! Pericolo di lesioni dovute a componenti con spigoli vivi e punte per motivi funzionali!
- Будьте осторожны! Об острые края деталей и и наконечники можно порезаться!
- 注意！因功能需要而带有锋利的棱边和尖角的部件可能会带来受伤危险！

- Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.
- All components, especially moving parts, should be maintained and cleaned as necessary.
- Toutes les pièces détachées et en particulier les pièces mobiles, sont, si nécessaire, à entretenir et à nettoyer.
- Alle onderdelen, vooral de bewegende delen, kunnen, indien noodzakelijk, onderhouden en gereinigd worden.
- Es necesario mantener limpio y en buen estado cada una de las piezas. Particularmente las piezas móviles.

- Todas as peças individuais, especialmente peças móveis, devem ser submetidas à manutenção e limpas se necessário.
- Se necessario, tutti i singoli componenti, soprattutto le parti mobili, si devono eventualmente sottoporre a manutenzione e pulizia.
- Все детали, особенно подвижные, требуют ухода и чистки.
- 必要时应保养和清洁所有零件，尤指运动部件。



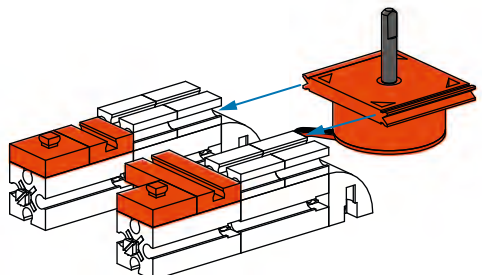
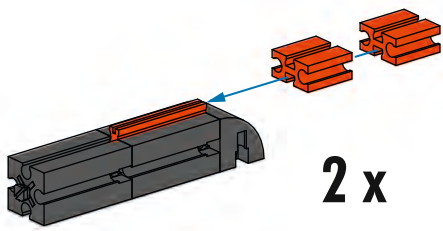
Karussell
Merry-go-round
Manège

Draaimolen
Tiovivo
Carrocel

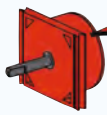
Giostra
Карусель
旋转臂

1

4 x  2 x  4 x  2 x 

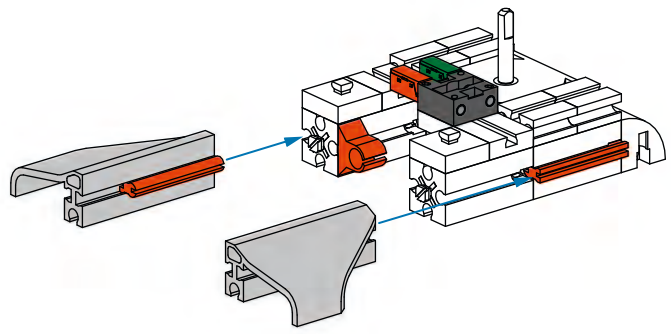


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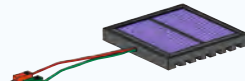
1 x  2 x  1 x  1 x 

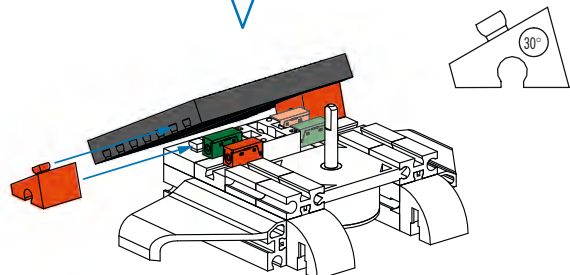
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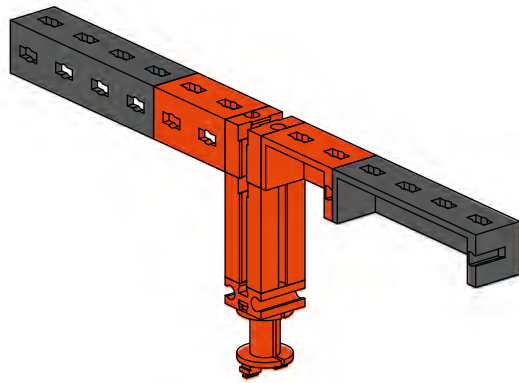
2 x  1 x  1 x  1 x  1 x 



4

2 x  1 x 



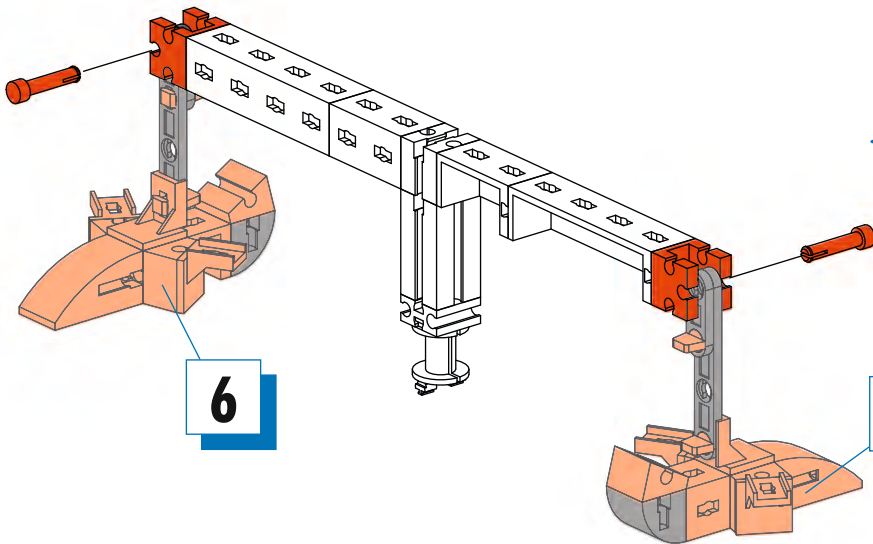
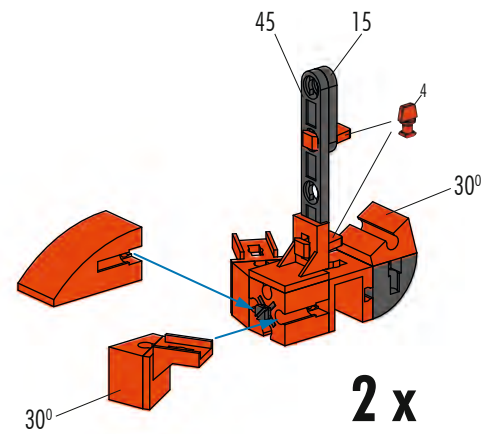
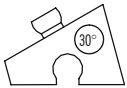


5

- 1 x (Red pin)
- 1 x (Red 1x3 Technic Beam)
- 2 x (Red 1x2 Technic Beam)
- 1 x (Red 1x2 Technic Beam)
- 1 x (Red 1x2 Technic Beam)
- 2 x (Grey 1x4 Technic Beam)

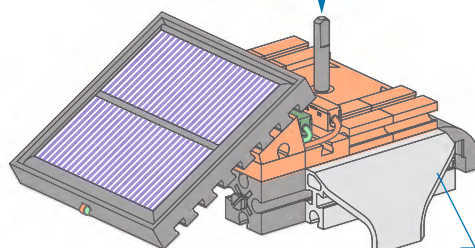
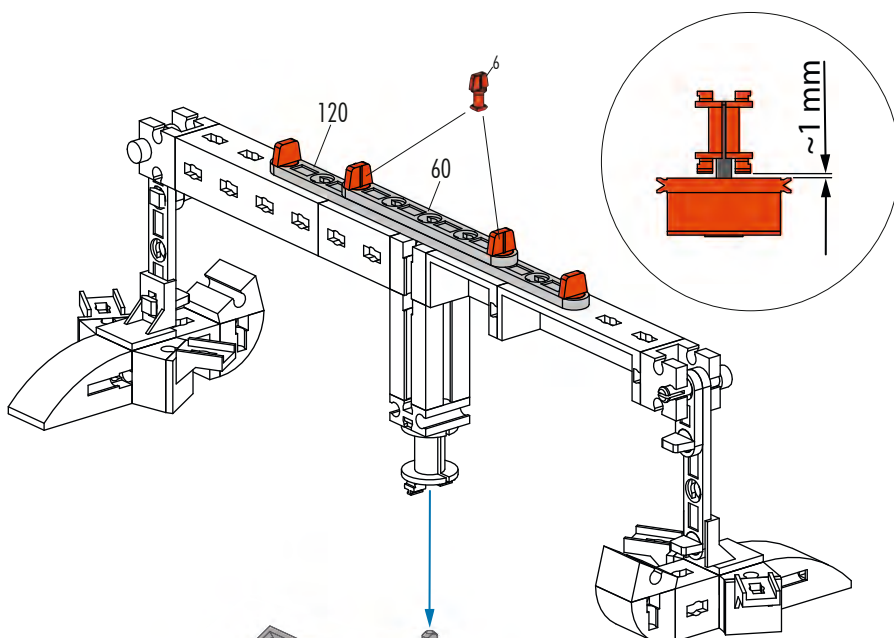
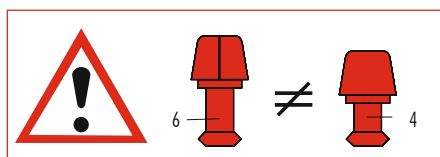
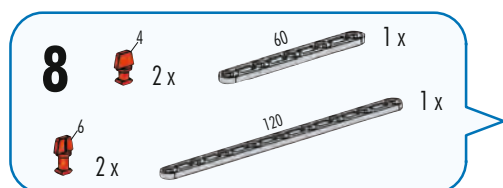
6

- 2 x (Red 1x2 Technic Beam)
- 2 x (Red 1x2 Technic Beam)
- 6 x (Red 1x2 Technic Beam)
- 2 x (Grey 1x4 Technic Beam)
- 4 x (Red 1x2 Technic Beam)
- 6 x (Red 1x2 Technic Beam)
- 2 x (Grey 1x2 Technic Beam)
- 2 x (Red 1x2 Technic Beam)
- 2 x (Grey 1x2 Technic Beam)

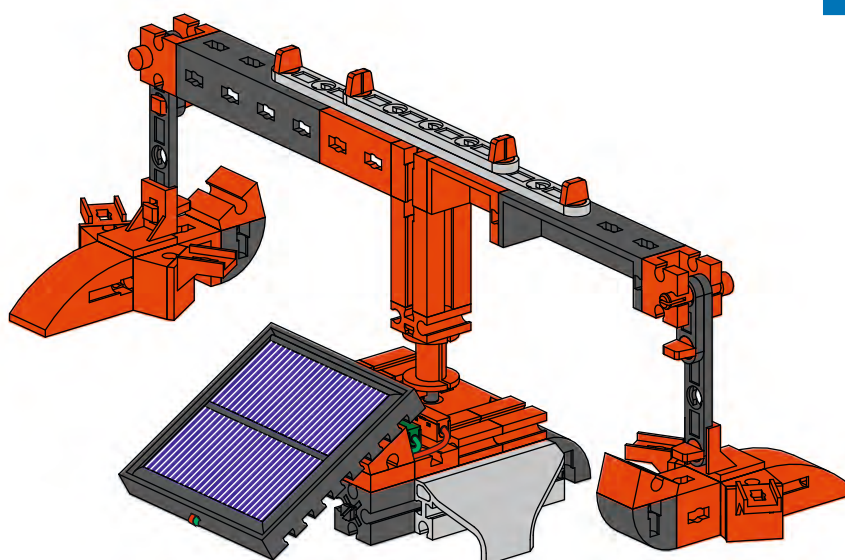


7

- 2 x (Red pin)
- 2 x (Red 1x2 Technic Beam)



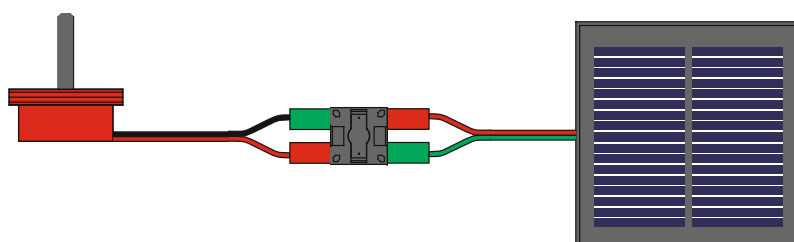
4



Schaltplan
Circuit diagram
Plan électrique

Schakelschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图





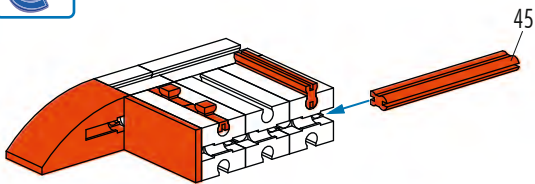
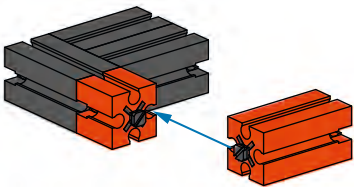
Windrad
Windmill
Roue éolienne

Windmolen
Rueda de viento
Moinho de vento

Molino a vento
Ветряное колесо
风车

1

3x 1x 1x



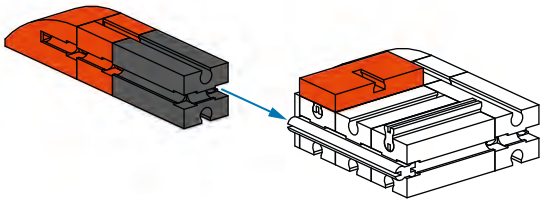
2

30 1x 2x 1x

45 1x 1x

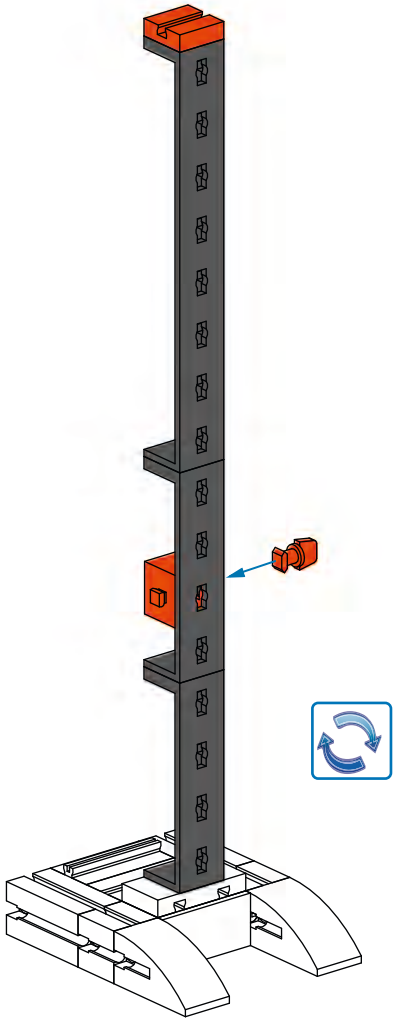
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1x 1x 1x 1x

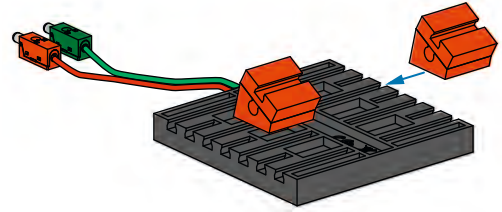
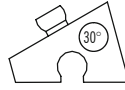
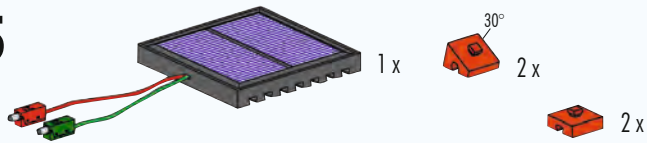


4

1x 2x 1x 1x 1x



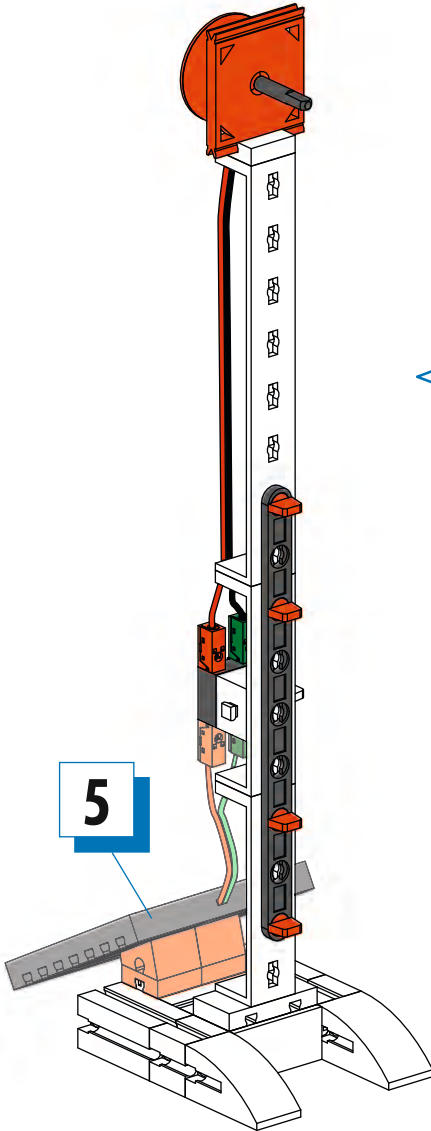
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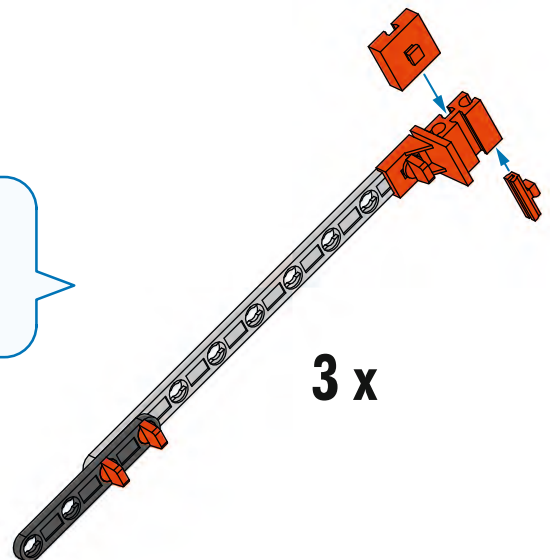
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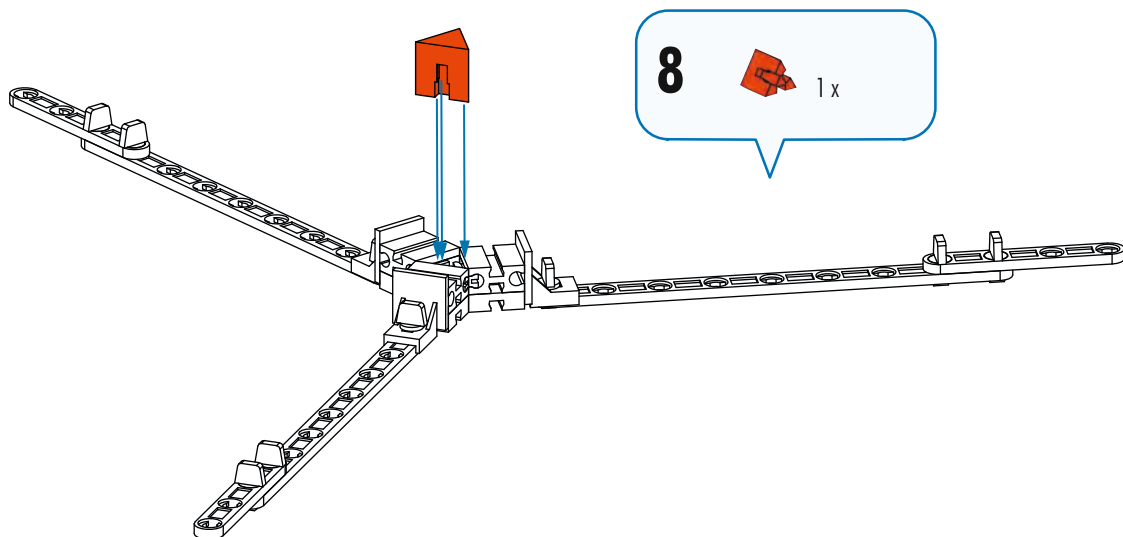


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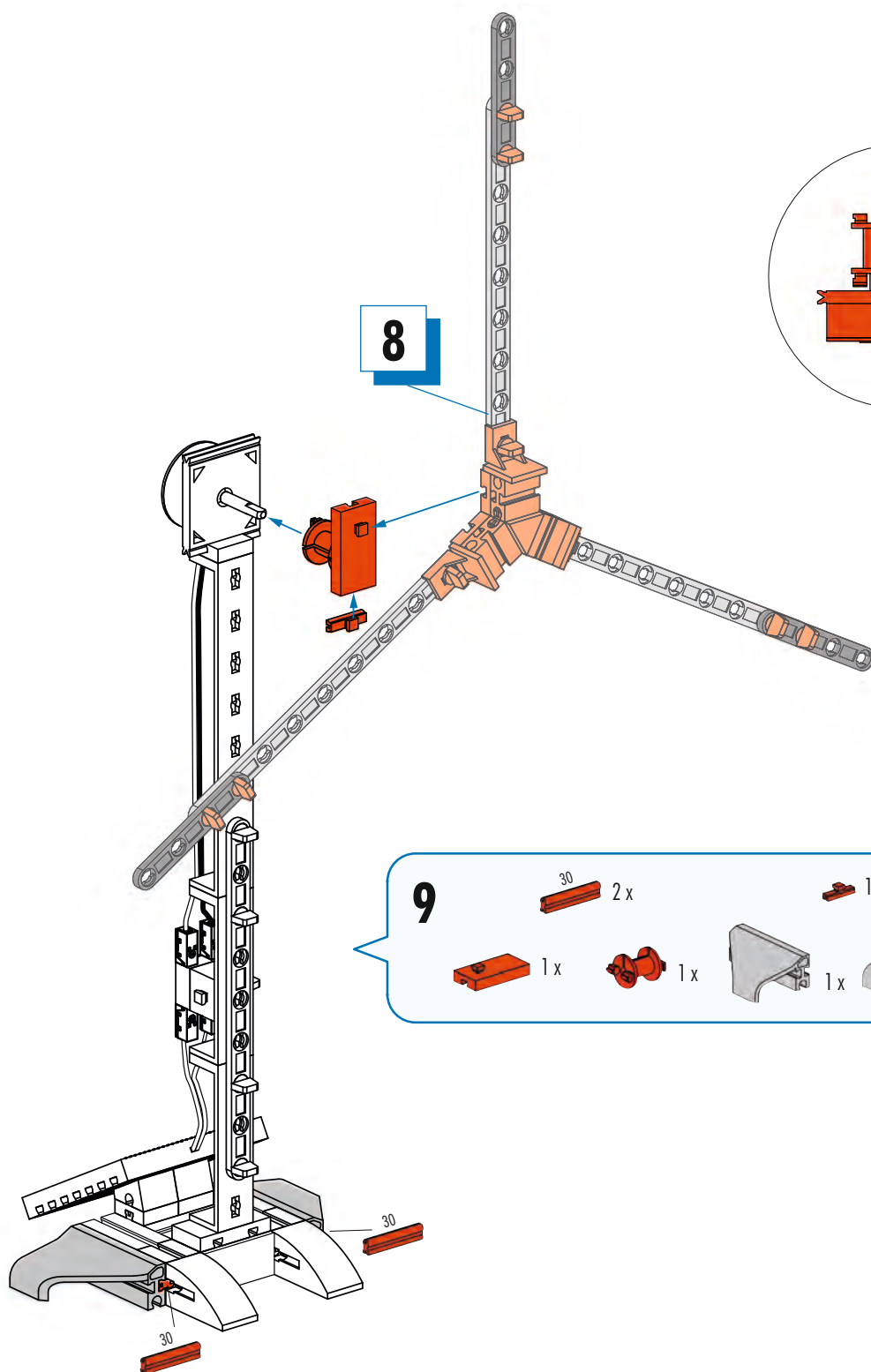


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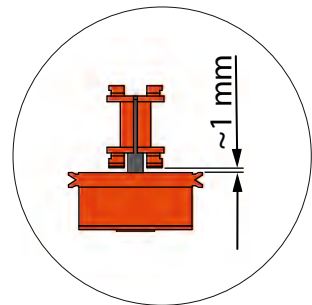




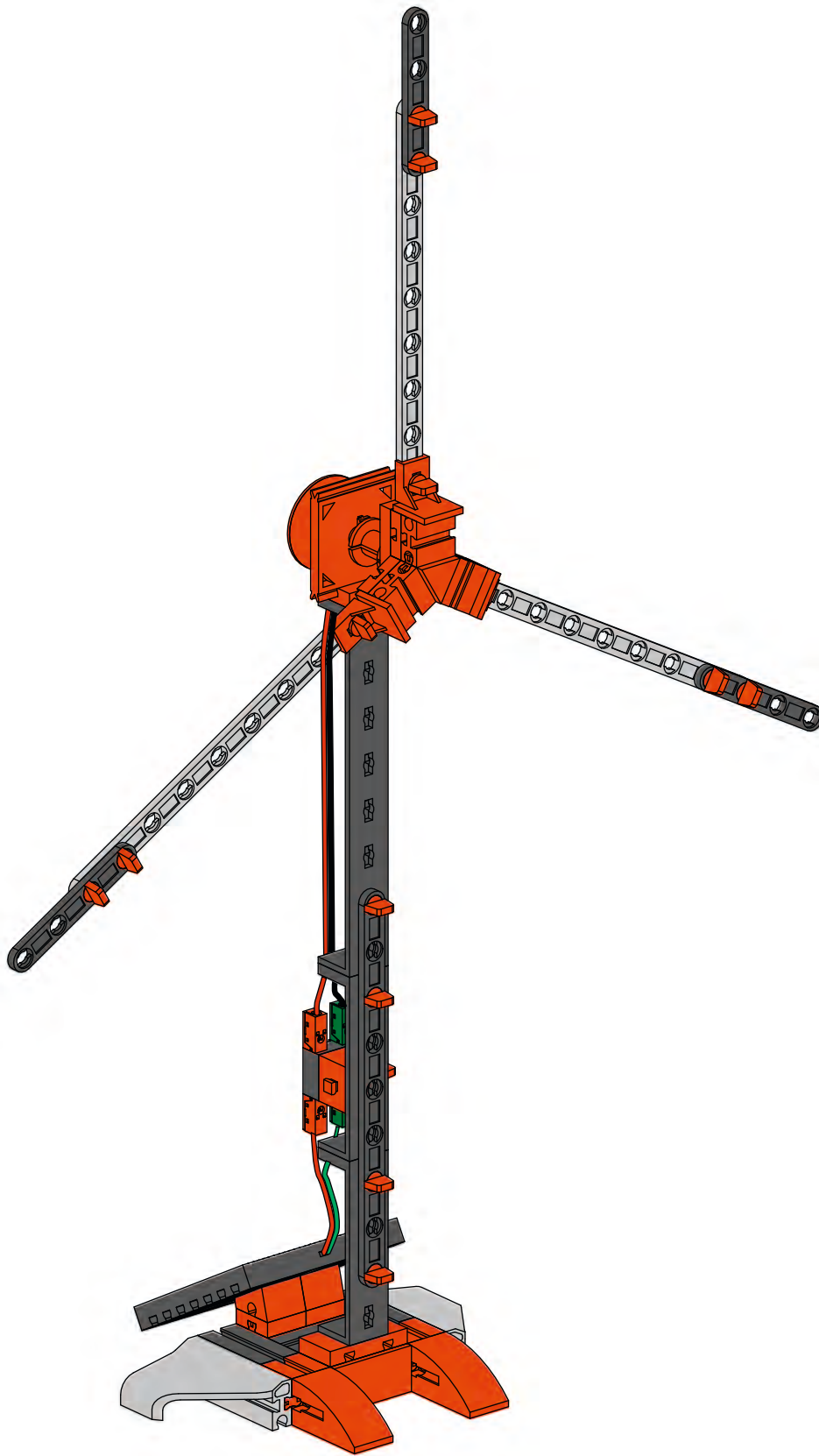
8  1 x



8



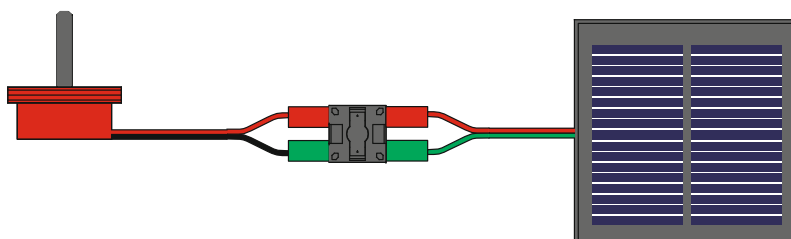
9  2 x  1 x  1 x  1 x  1 x  1 x

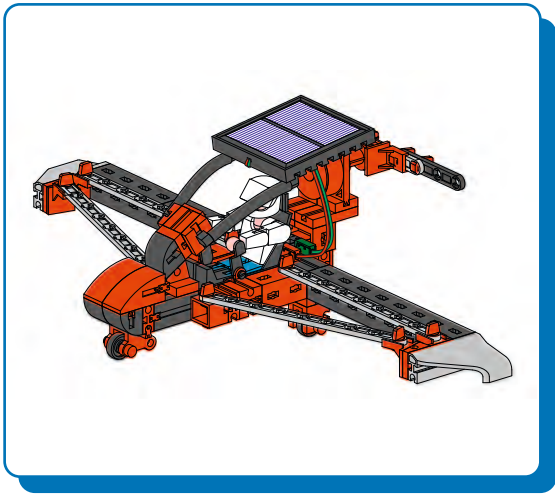


Schaltplan
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电路图



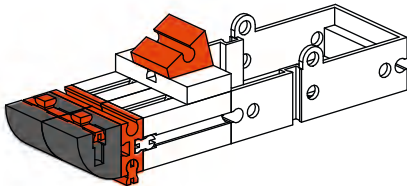
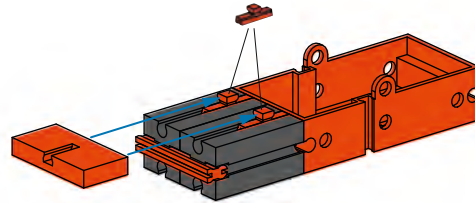


Flugzeug
Windmill
Roue éolienne

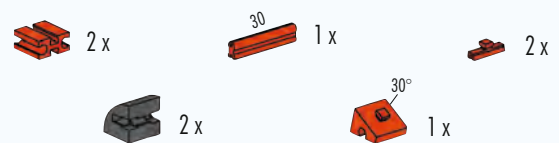
Windmolen
Rueda de viento
Moinho de vento

Girandola
Ветряное колесо
风车

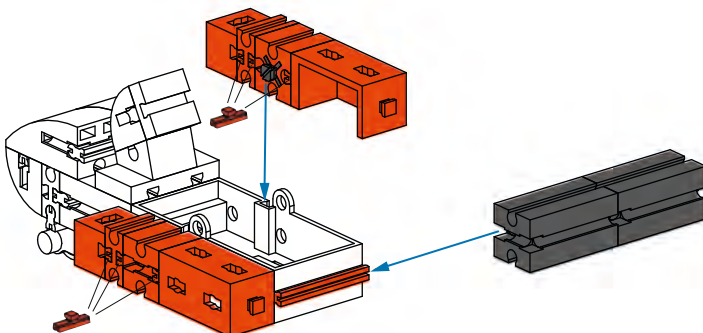
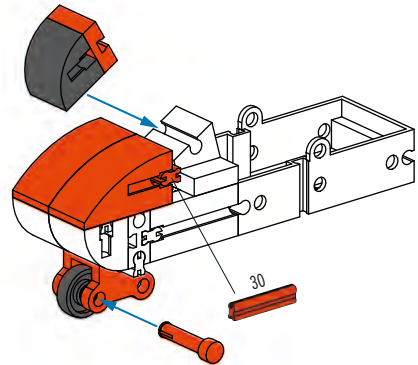
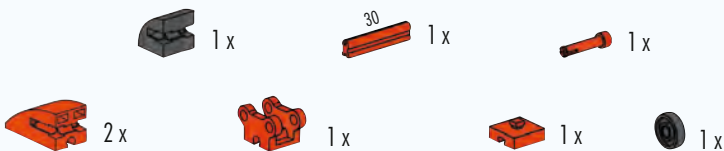
1



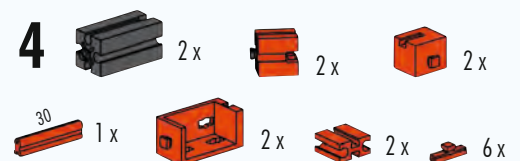
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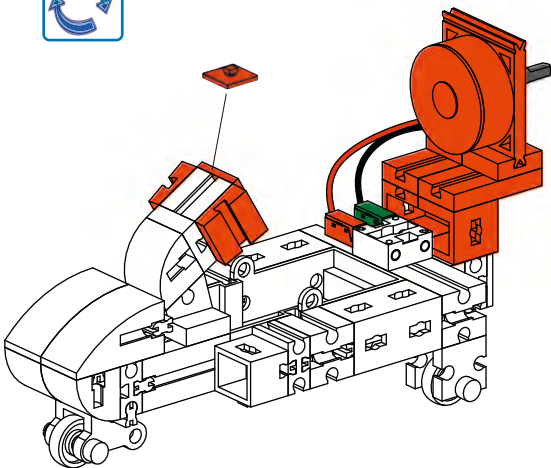
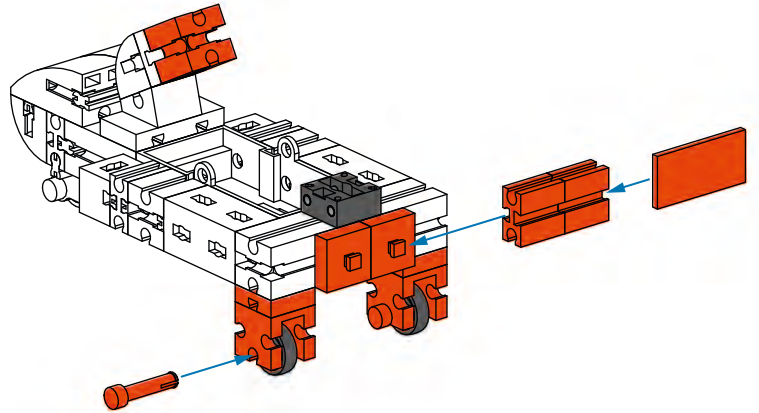
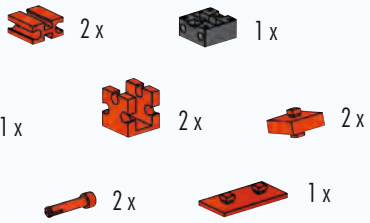
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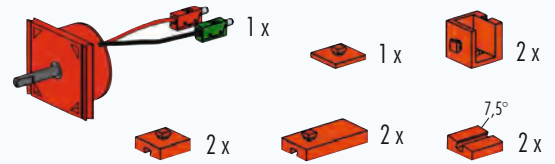
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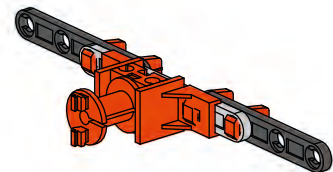
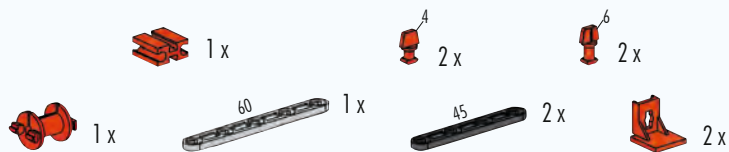
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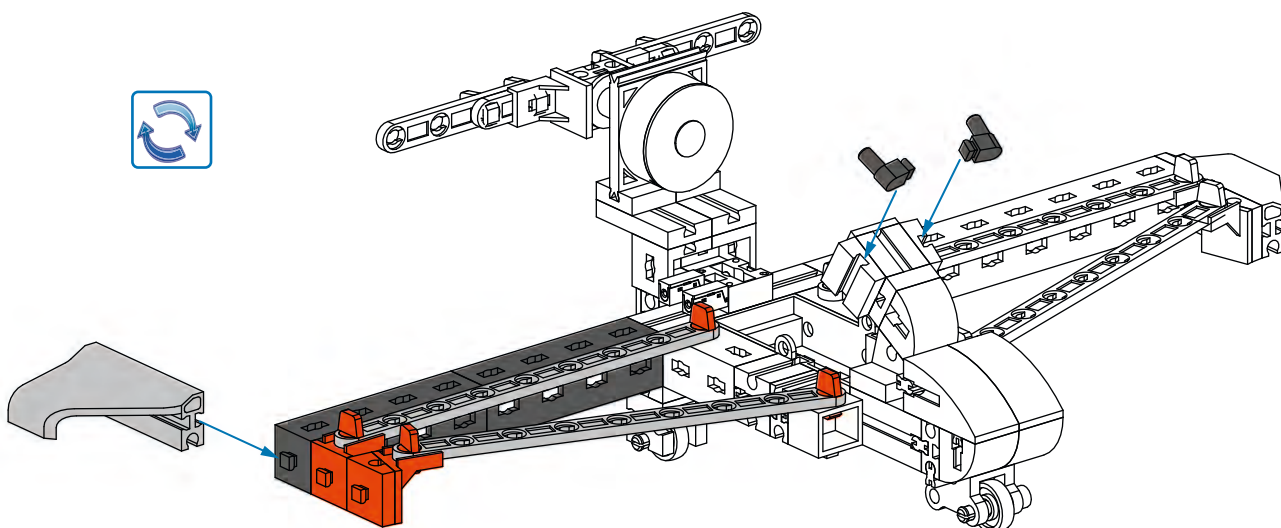
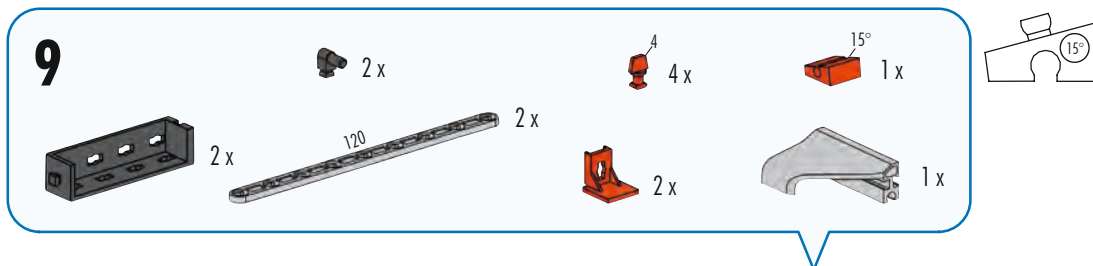
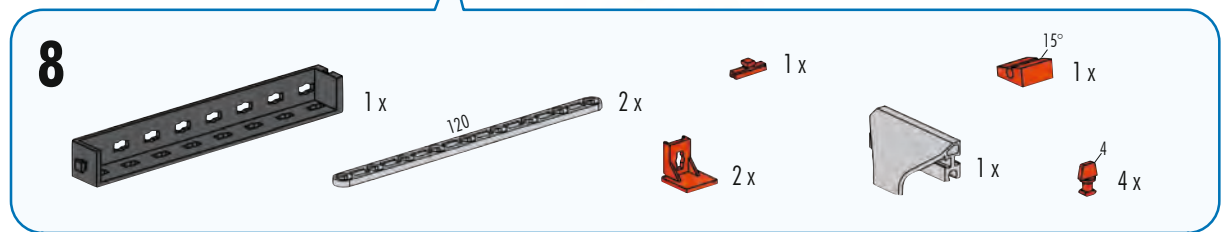
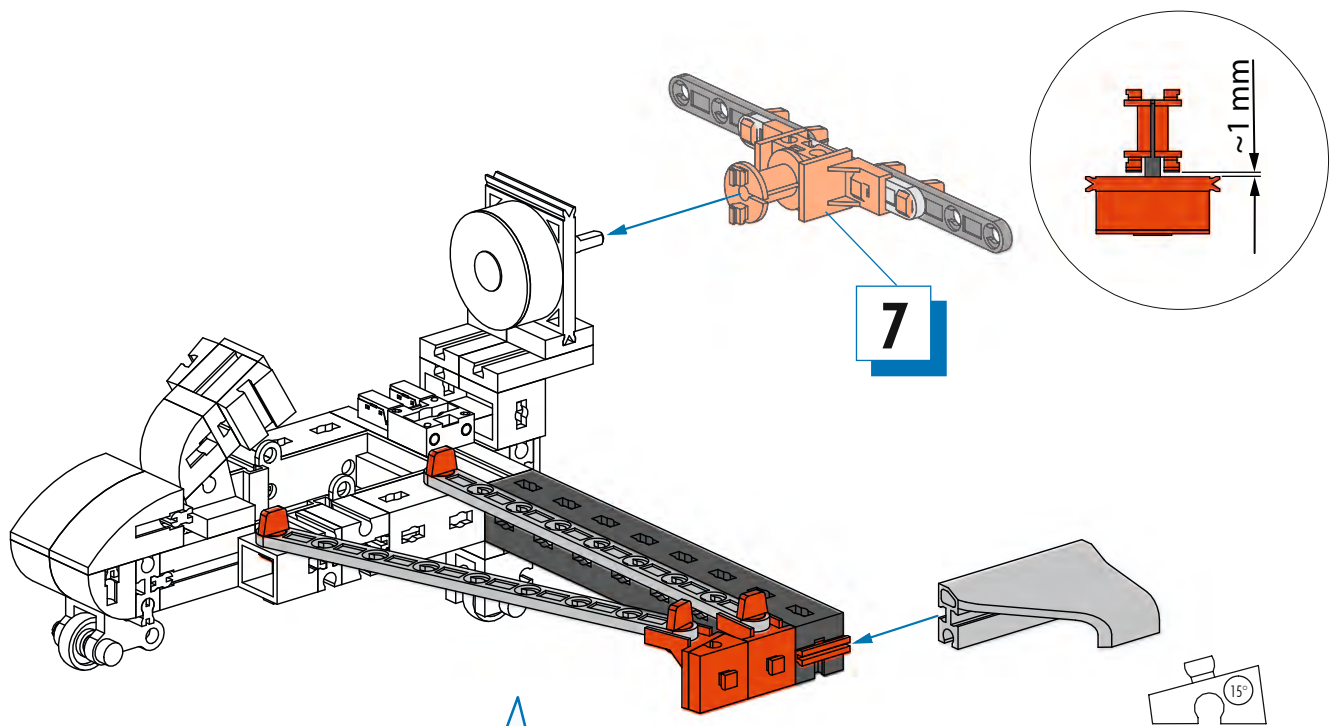


6



7





10



1 x



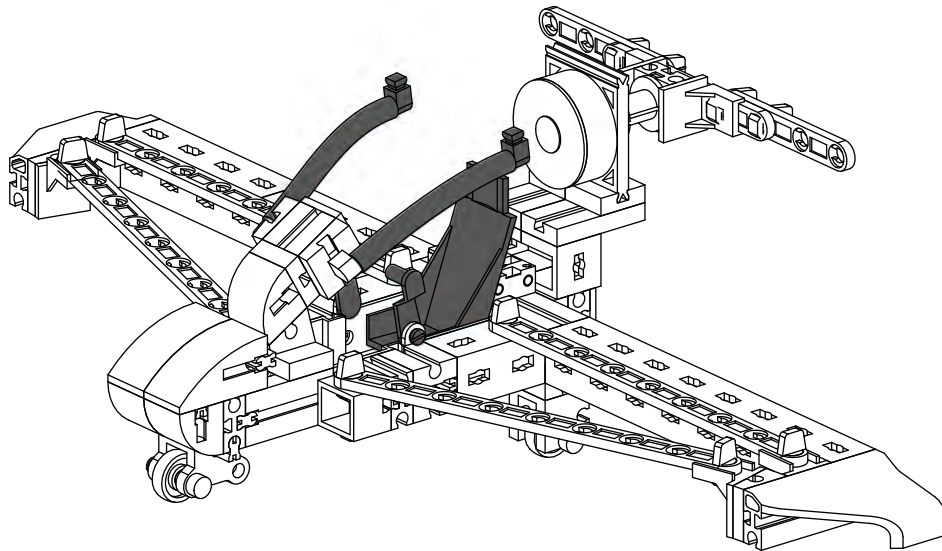
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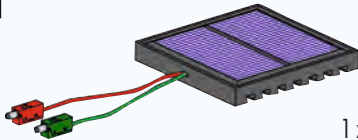
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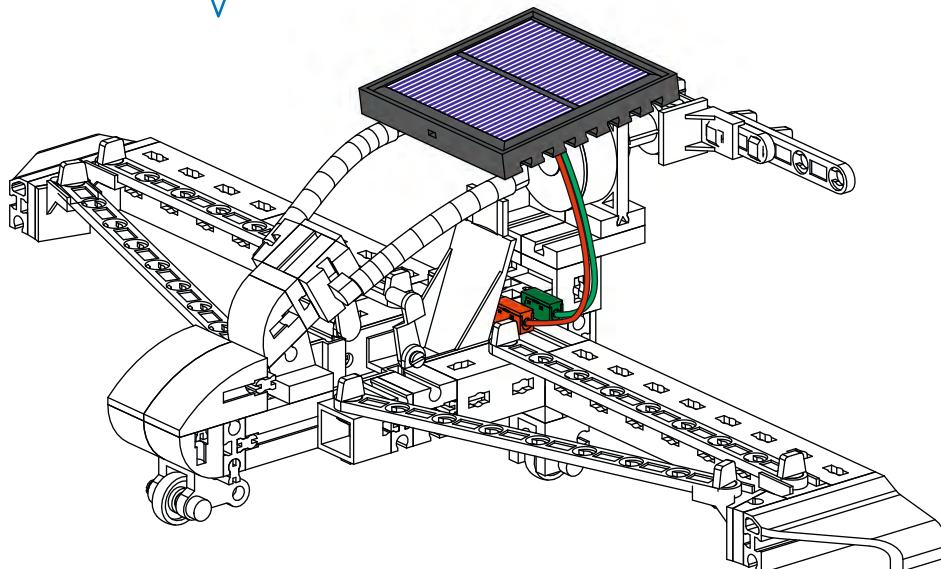
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11



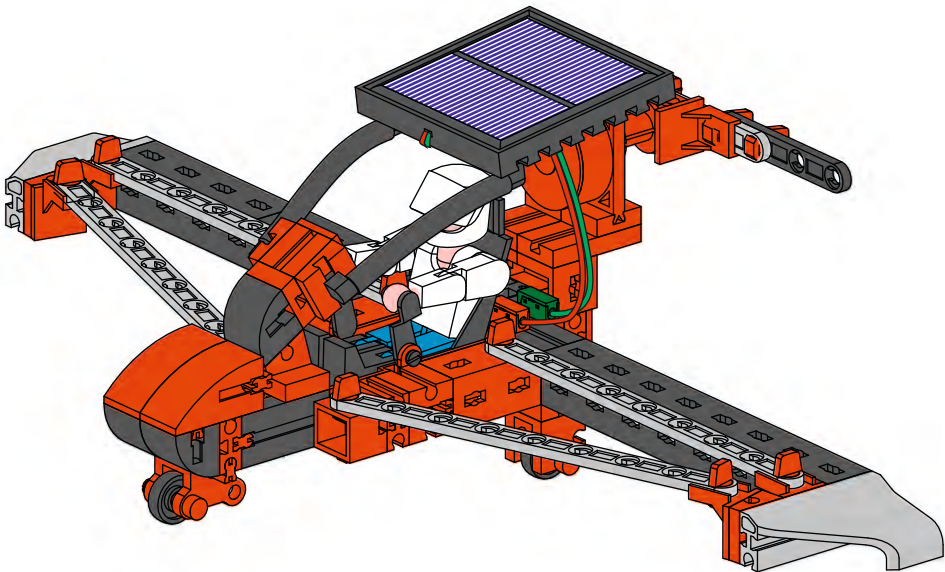
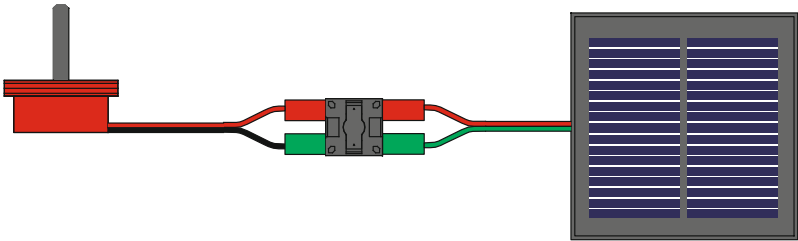
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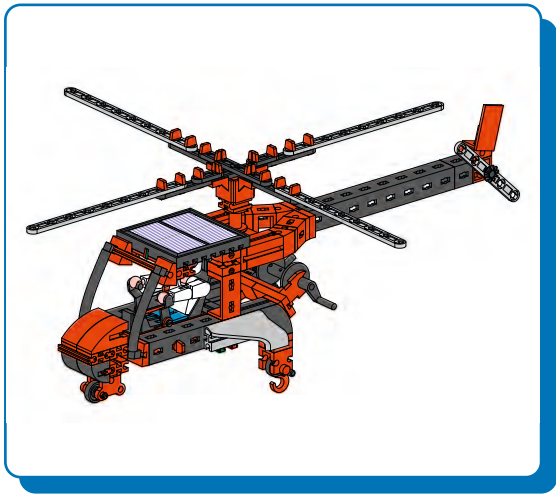


Schaltplan
Circuit diagram
Plan électrique

Schakelschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图



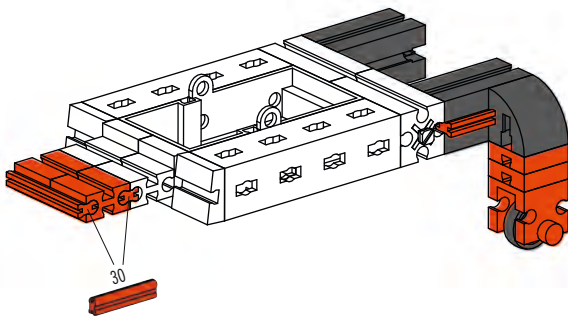
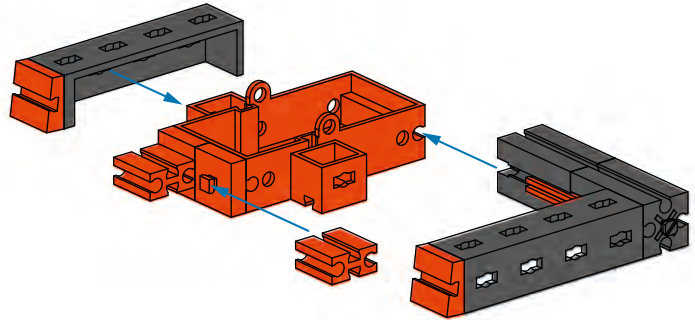
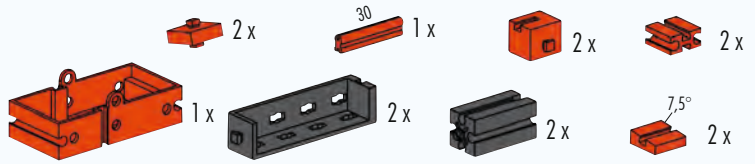


Helikopter
Helicopter
Hélicoptère

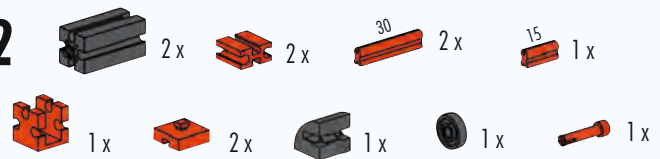
Helikopter
Helicóptero
Helicóptero

Elicottero
Вертолет
直升机

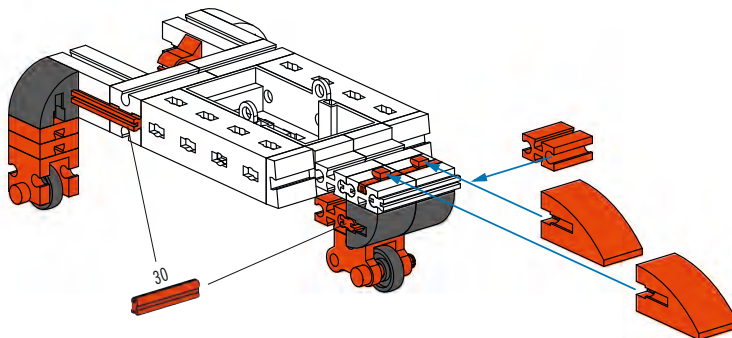
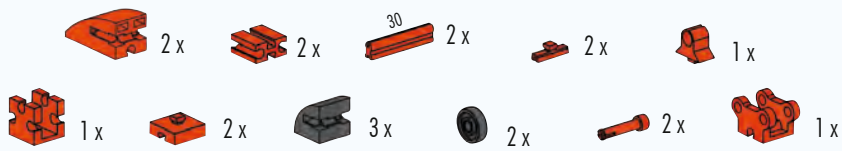
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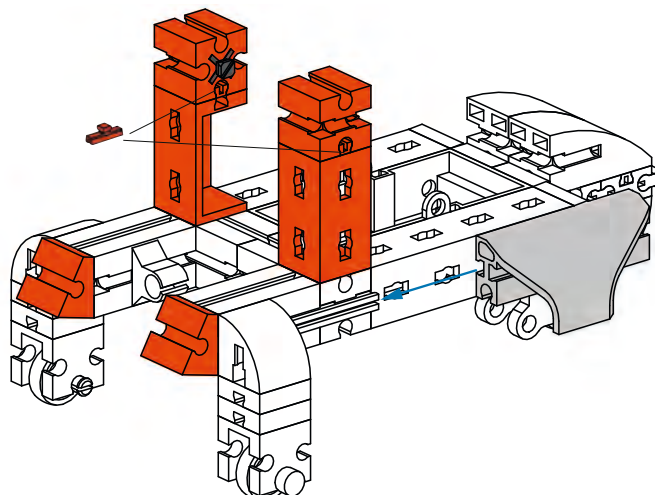
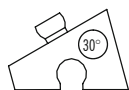
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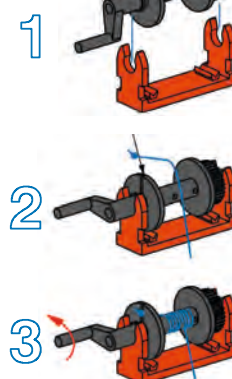
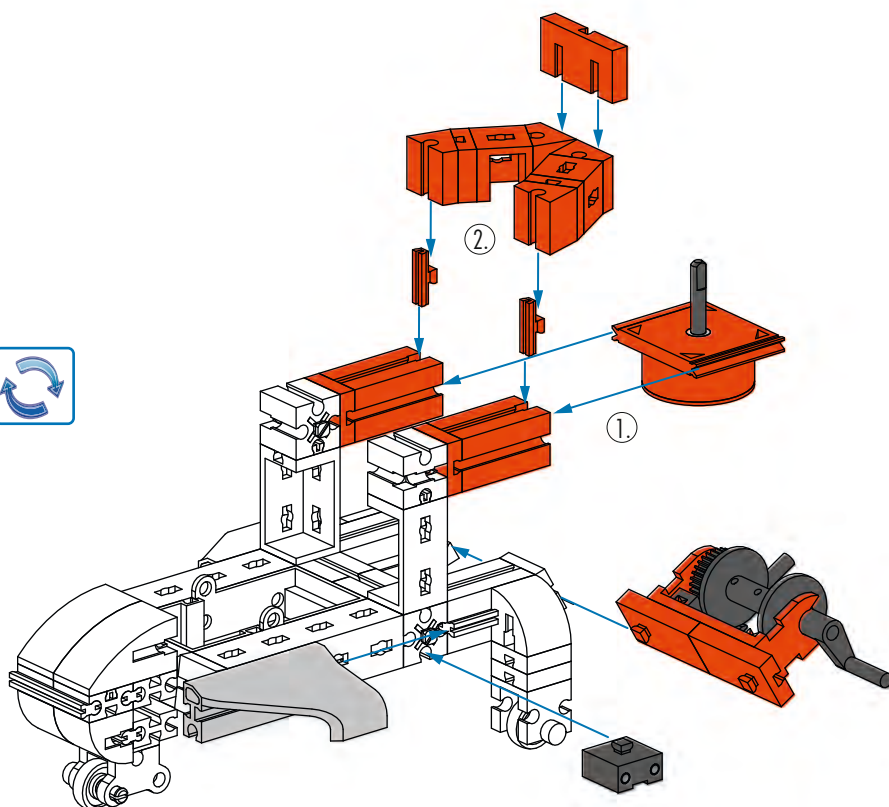
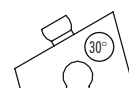
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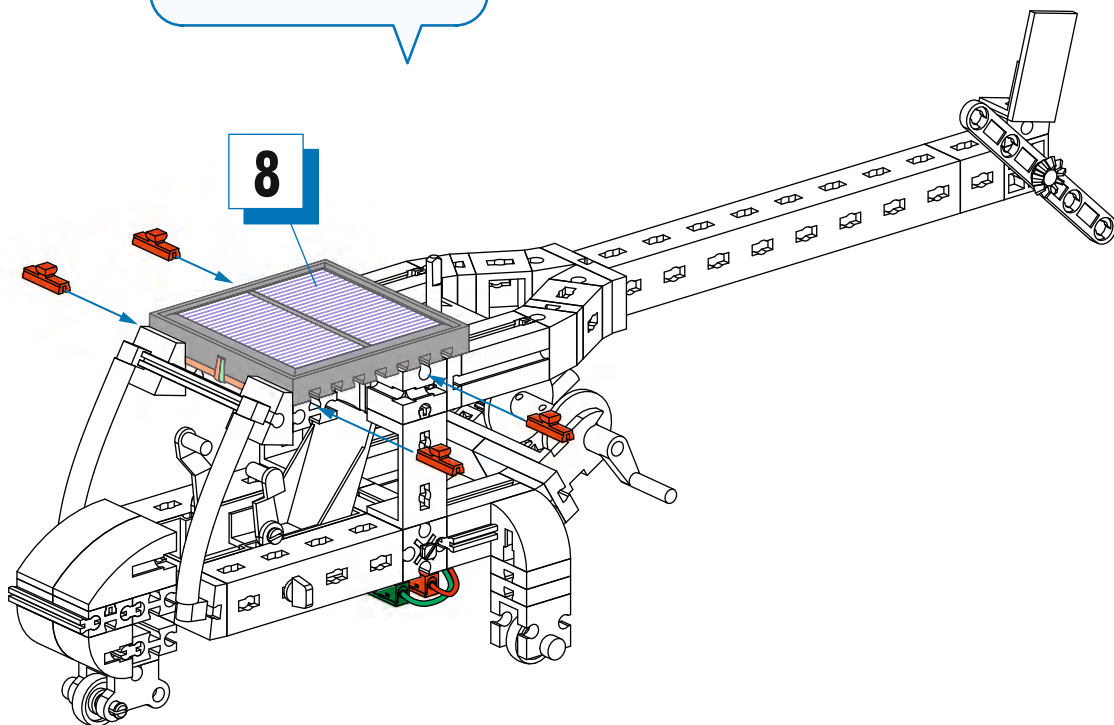
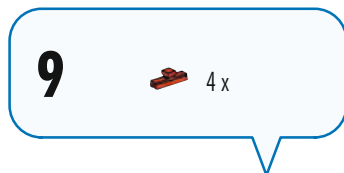
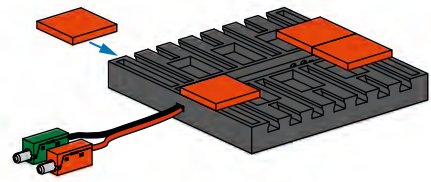
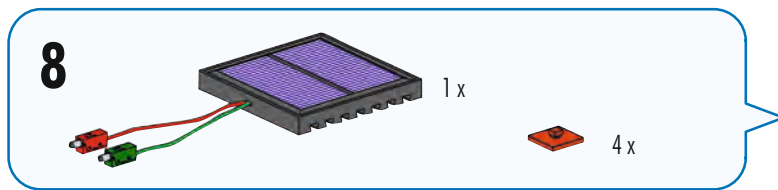


- 4**
- 2 x
 - 1 x
 - 2 x
 - 2 x
 - 2 x



- 5**
- 1 x
 - 1 x
 - 1 x
 - 1 x
 - 4 x
 - 1 x
 - 1 x
 - 2 x
 - 2 x
 - 4 x

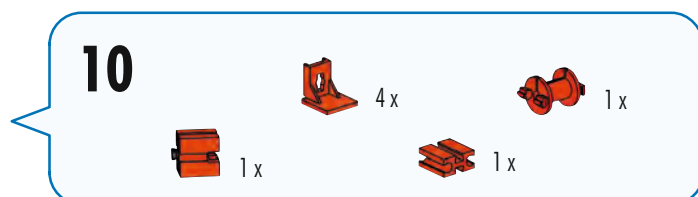
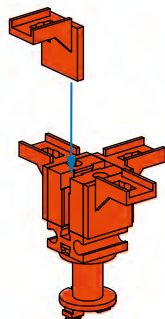
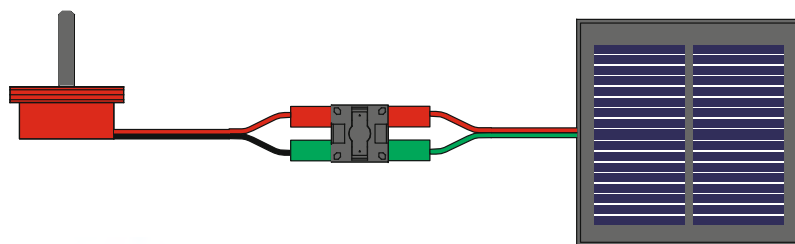




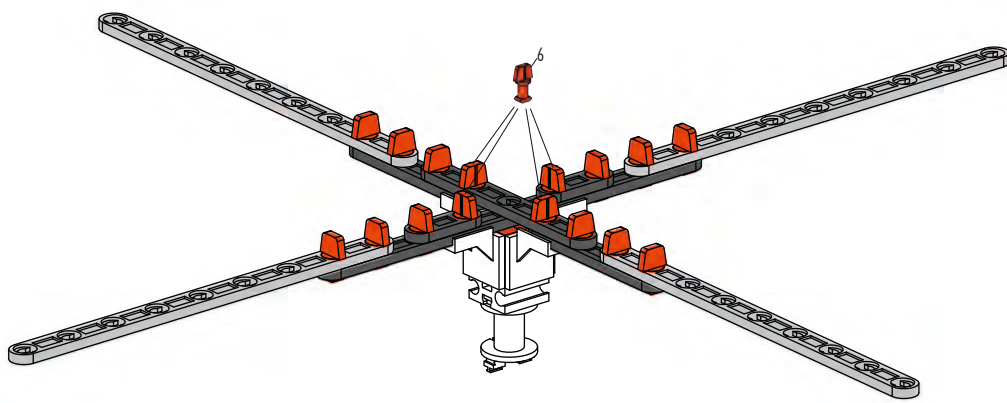
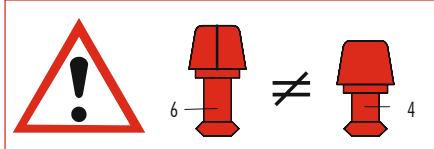
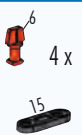
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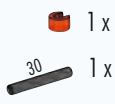
Schema elettrico
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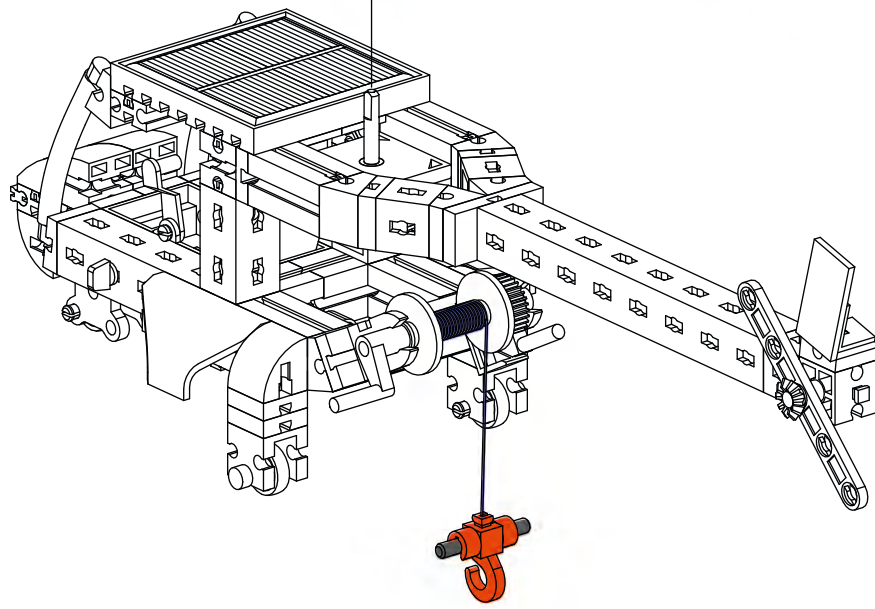
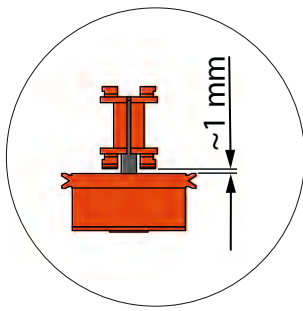
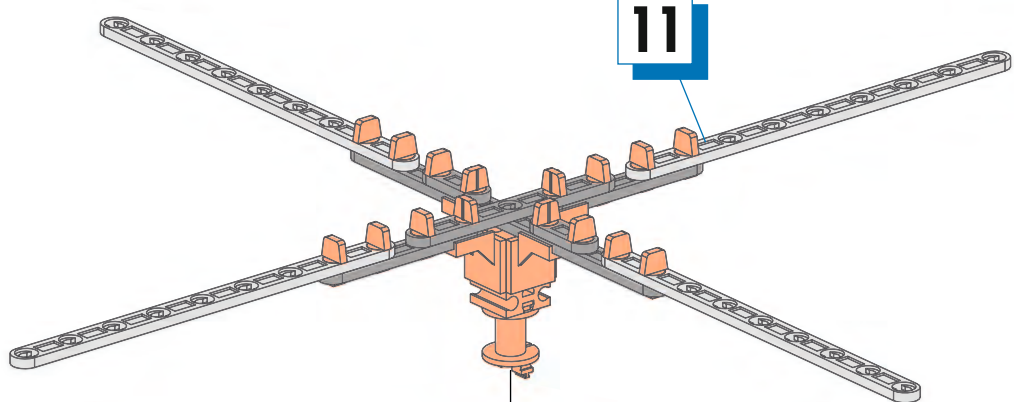
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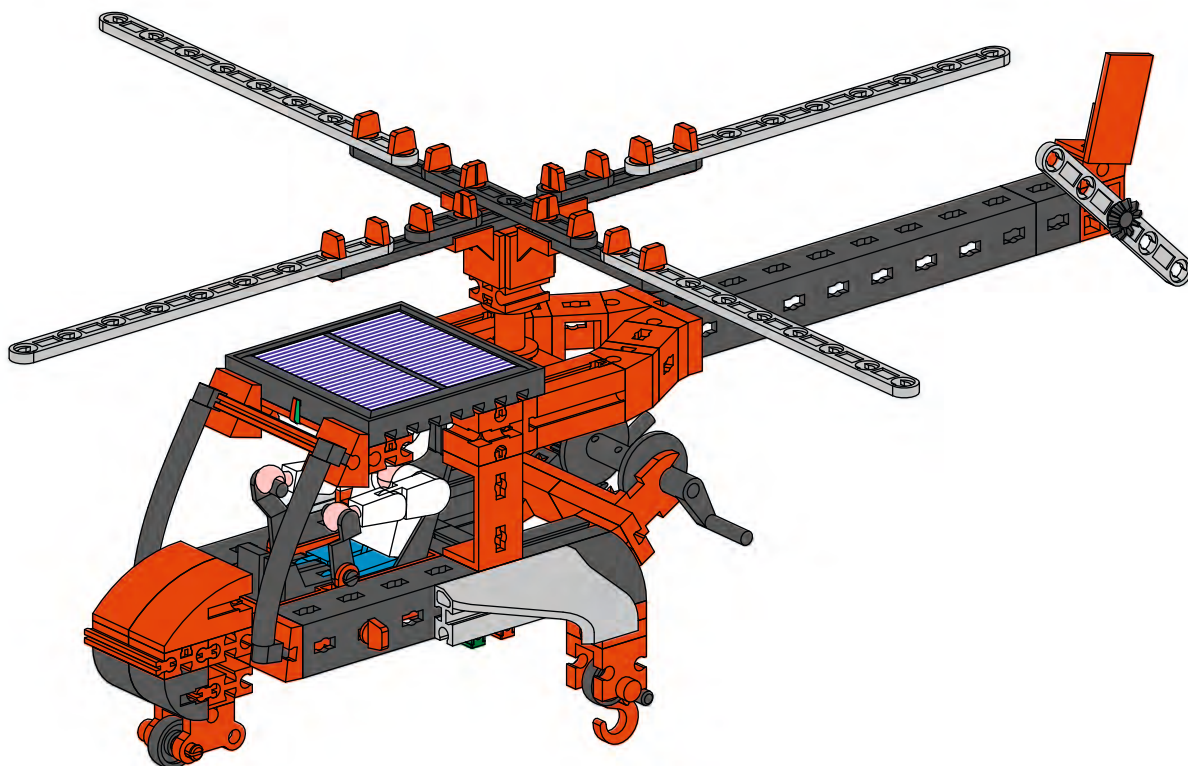


12



11





Hinweise zum Umweltschutz / Instructions for Environmental Protection / Remarques de protection de l'environnement / Bescherming van het milieu / Notas con respecto a la protección del medio ambiente / Instruções para a proteção do meio ambiente / Indicazioni sulla tutela ambientale / Указания по охране окружающей среды / 有关环保的提示 :

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