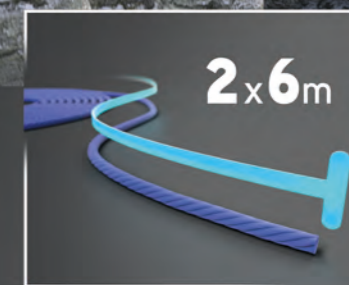
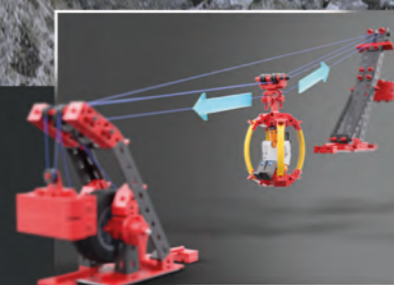
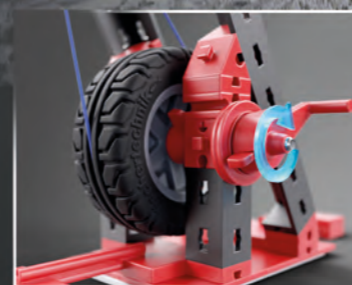




190843 - 06/22 - Co - Printed in Germany - Technische Änderungen vorbehalten - Subject to technical modifications



# ADVANCED Seilbahn / Cable Car

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Bauanleitung  
Assembly instruction  
Instructions de montage  
Bouwhandleiding  
Instrucciones de construcción

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

# ADVANCED Seilbahn / Cable Car

MODELS

**3**



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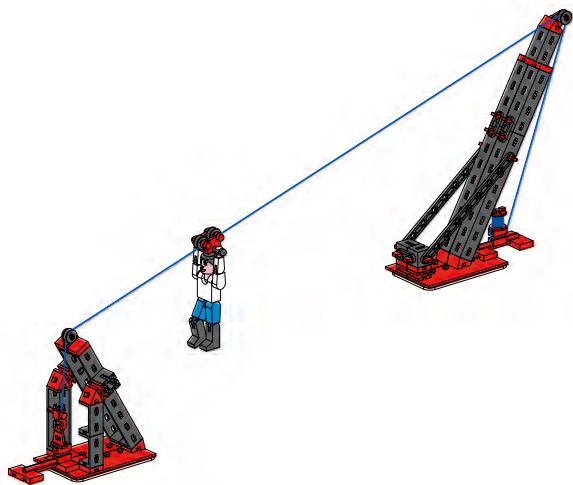
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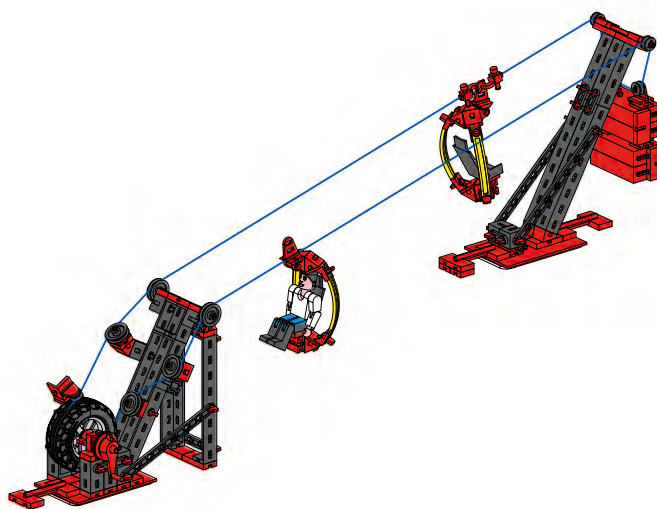
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Singoli componenti / Перечень деталей / 零件概览 ..... 2

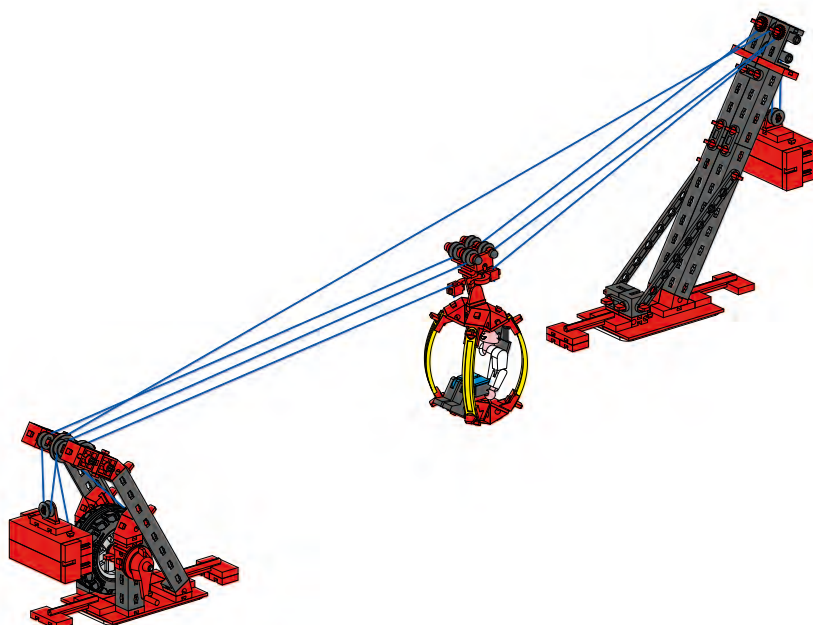
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Pendelbahn / Aerial tramway / Téléphérique à va-et-vient / Luchtram /  
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

































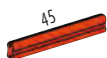























Bergbahn / Mountain railroad / Train de montagne / Bergtrein / Ferrocarril de montaña /  
Trem de montanha / Ferrovia di montagna / горная железная дорога /  
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**Einzelteilübersicht**  
**Spare parts list**  
**Liste des pièces détachées**

**Onderdelenoverzicht**  
**Lista da piezas**  
**Resumo de peça individual**

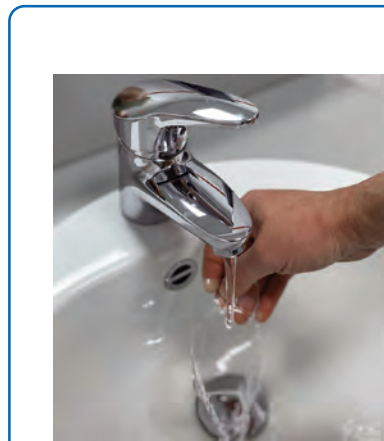
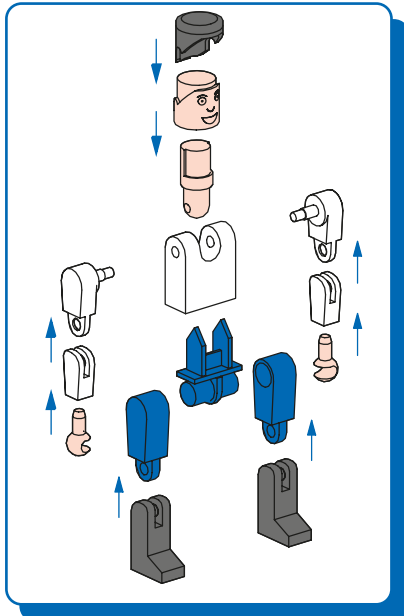
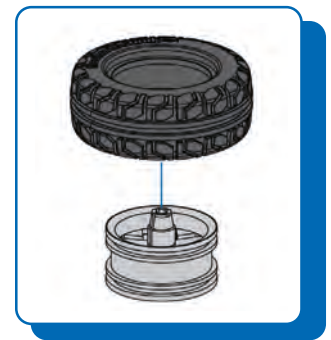
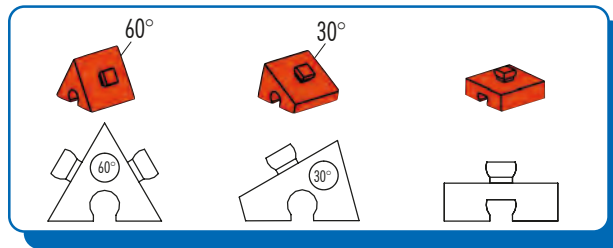
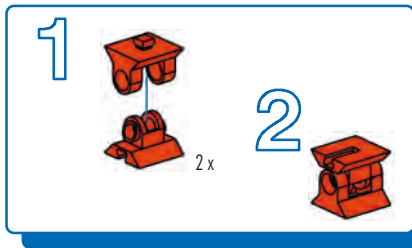
**Singoli componenti**  
**Перечень деталей**  
**零件概览**

	31 010 10 x		31 918 4 x		35 668 3 x		37 237 9 x
	31 011 6 x		31 982 6 x		35 797 5 x		37 468 8 x
	31 016 1 x		31 984 2 x		35 806 1 x		38 225 2 x
	31 023 2 x		32 064 6 x		36 293 6 x		38 240 2 x
	31 026 1 x		32 085 2 x		36 323 31 x		38 251 4 x
	31 040 1 x		32 263 4 x		36 326 4 x		38 253 2 x
	31 058 1 x		32 846 2 x		36 334 2 x		38 258 10 x
	31 061 1 x		32 850 4 x		36 586 5 x		38 428 16 x
	31 124 2 x		32 870 2 x		36 912 2 x		38 546 2 x
	31 330 4 x		35 031 1 x		36 913 2 x		124 199 20 x
	31 426 2 x		35 033 1 x		36 914 4 x		163 205 1 x
	31 436 2 x		35 049 12 x		36 920 8 x		163 206 1 x
	31 597 8 x		35 063 2 x		36 921 3 x		174 070 2 x
	31 674 8 x		35 073 4 x		36 922 4 x		176 775 2 x
	31 690 3 x		35 087 2 x		36 973 2 x		

**Montagetipps**  
**Tips for assembly**  
**Tuyaux pour le montage**

**Montagetipps**  
**Consejos para el montaje**  
**"Dicás" para montagem**

**Consigli per il montaggio**  
**Советы по сборке**  
**装配建议**



- Schmutziges Vakuum Pad kann unter klarem Wasser gereinigt und nach Trocknung wiederverwendet werden.
- Dirty Vacuum pad can be cleaned under clear water and reused after drying.
- Lorsque le produit Vacuum est sale vous pouvez le nettoyer à l'eau claire et le réutiliser après séchage complet.
- Een vuile vacuüm pad kan worden gereinigt met schoon water en na het drogen weer worden hergebruikt.
- La almohadilla de aspiración puede limpiarse con agua corriente y reutilizarse después de secarse.
- A almofada de vácuo suja pode ser limpa sob água limpa e reutilizada após a secagem.
- La ventosa è pulibile con acqua senza detergente ed è riutilizzabile dopo averla asciugata.
- Загрязнённую вакуумную накладку можно промывать водой и использовать повторно после высыхания.
- 臟的真空吸盤可以用清水清洗，乾燥後可以重複使用。

**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**

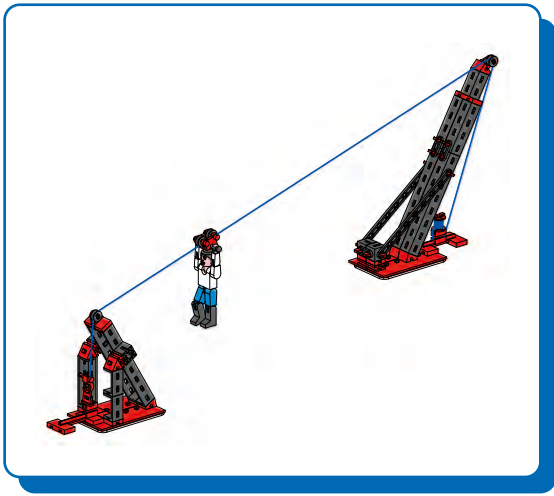
- Achtung! Verletzungsgefahr an Bauteilen mit funktionsbedingten scharfen Kanten und Spitzen!
- Caution! Be careful not to hurt yourself on components with sharp or pointed edges!
- Attention! Risque de blessure sur les éléments comportant des arêtes et o pointes vives indispensables au bon fonctionnement!
- Let op! U kunt zich bezeren aan bouwstenen met spherpe randen of punten!
- Atención! ¡cuidado, no te hagas daño con los componentes con bordes afilados o puntiagudos!
- 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 limpiar y mantener en buen estado todas las diferentes piezas - especialmente las piezas móviles.
- Caso necessário, todas as peças individuais, especialmente peças móveis, tem que ser submetidas à manutenção e ser limpadas.
- 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。



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：

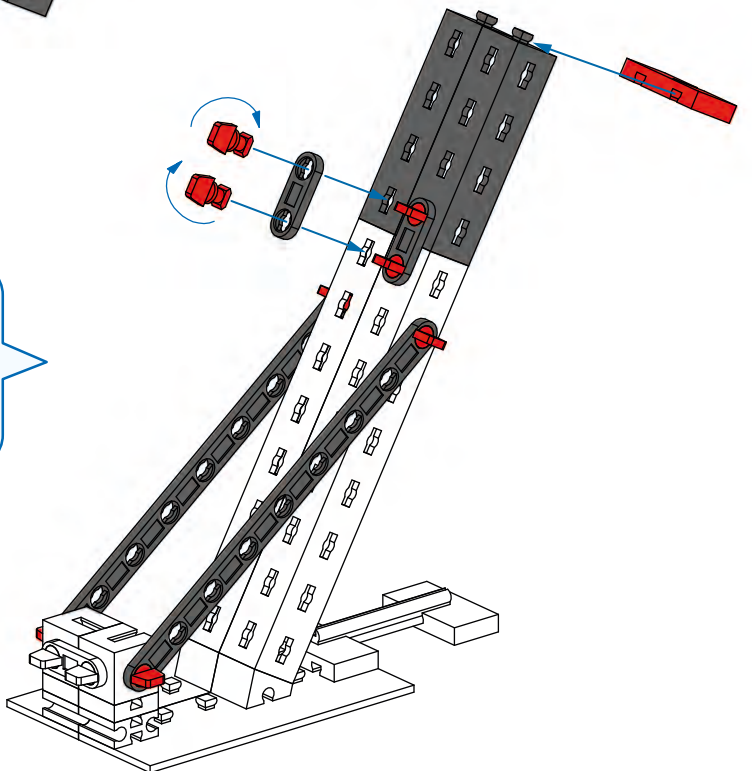
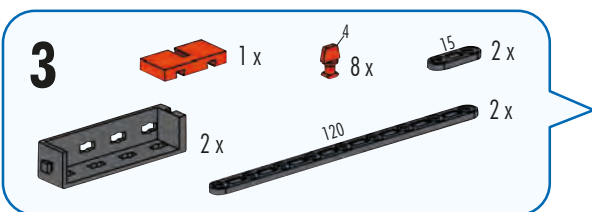
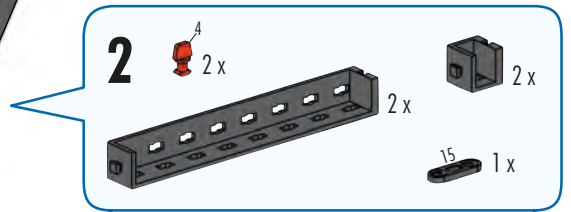
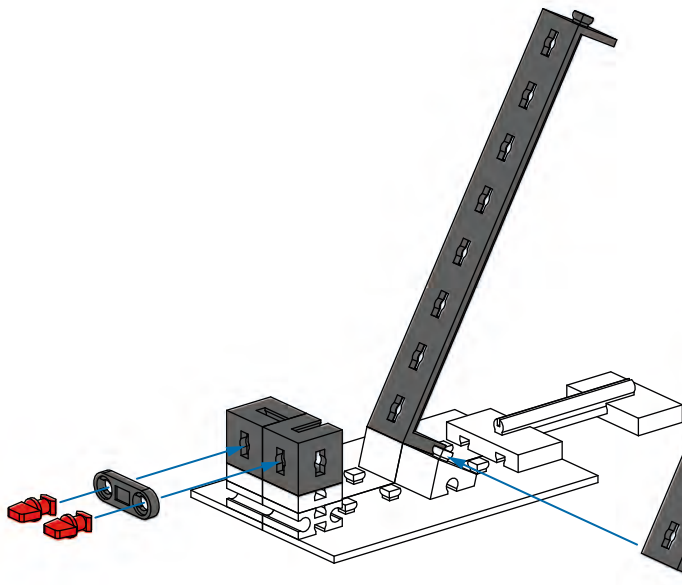
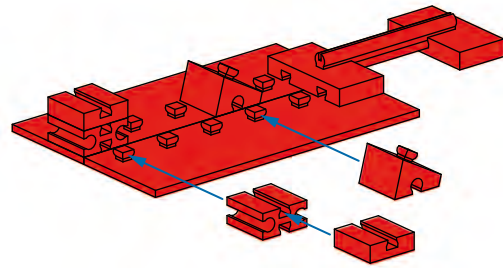
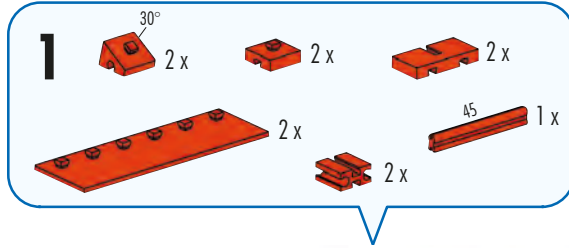
[www.fischertechnik.de/environment](http://www.fischertechnik.de/environment)

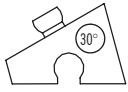


Zipline  
Zipline  
Zipline

Zipline  
Zipline  
Zipline

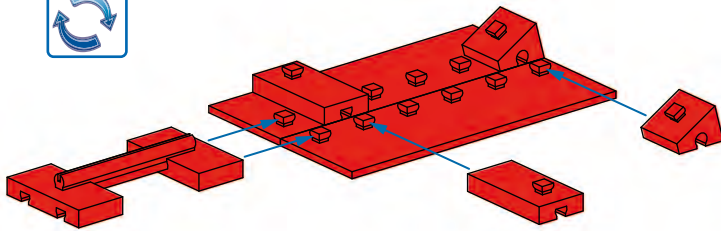
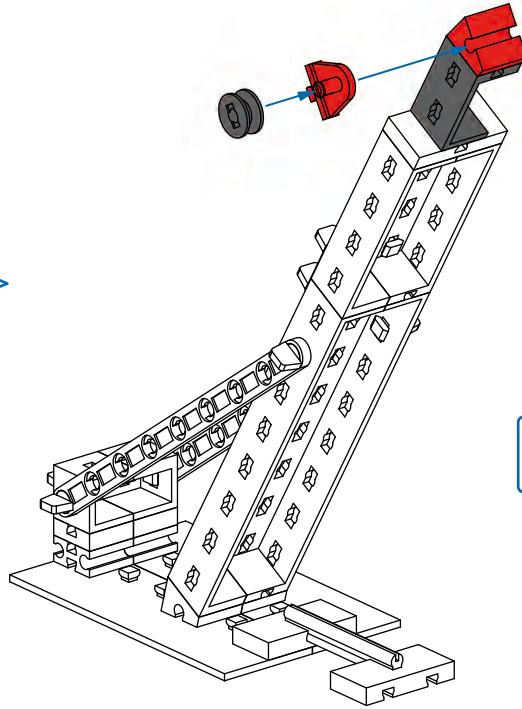
Zipline  
зиплайн  
拉索





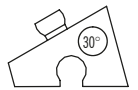
**4**

- 30° 1x
- 1x
- 1x
- 1x



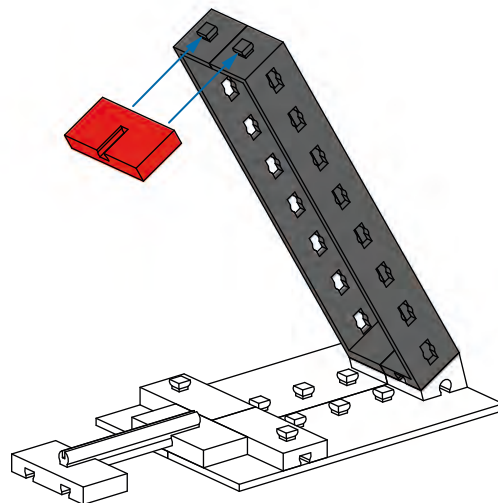
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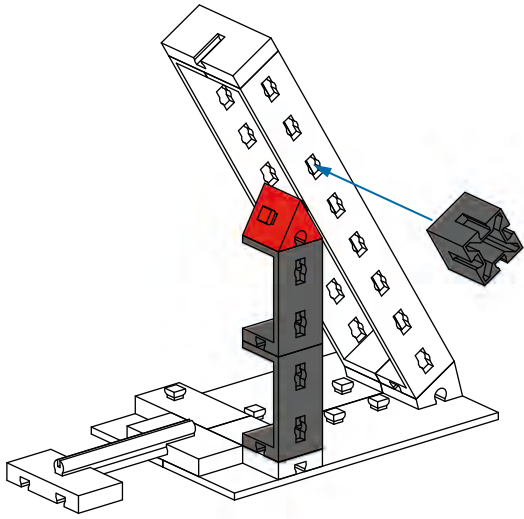
- 30° 2x
- 2x
- 2x
- 2x
- 45 1x



**6**

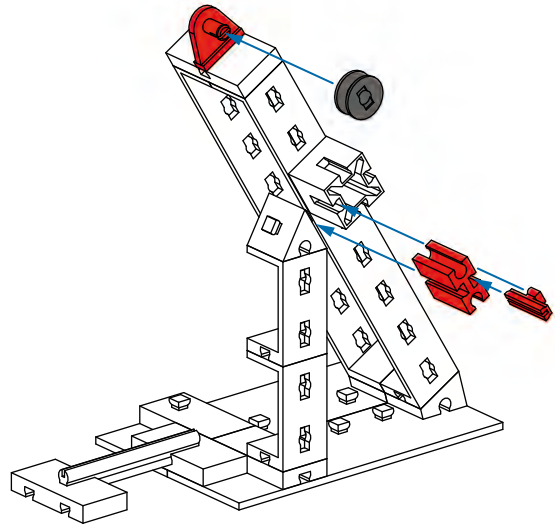
- 2x
- 1x





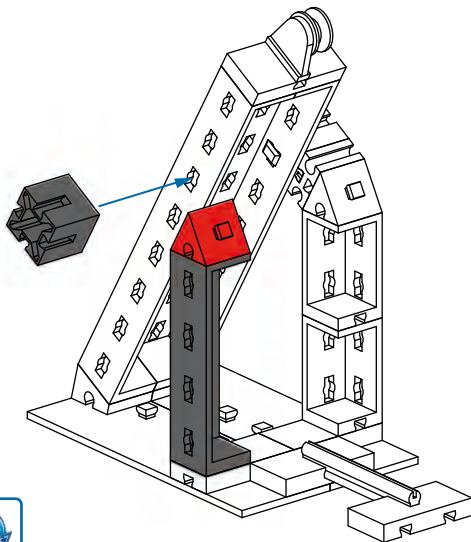
**7**

- 60° 1x
- 2x
- 1x



**8**

- 1x
- 1x
- 1x
- 1x






**9**

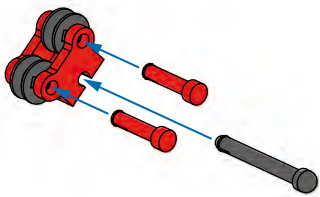
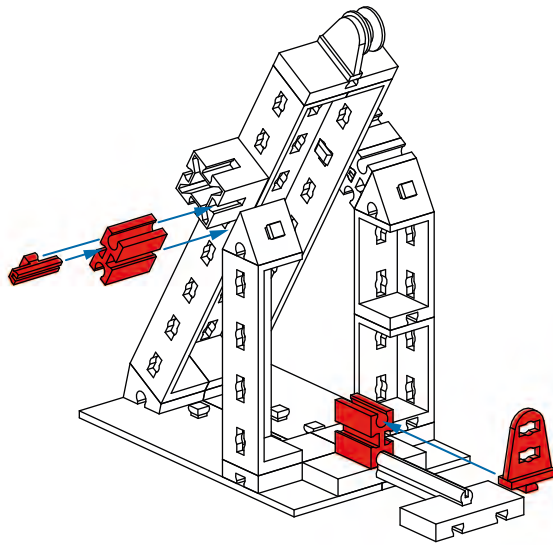
- 60° 1x
- 1x
- 1x









**10**

- 1x 
- 2x 
- 1x 




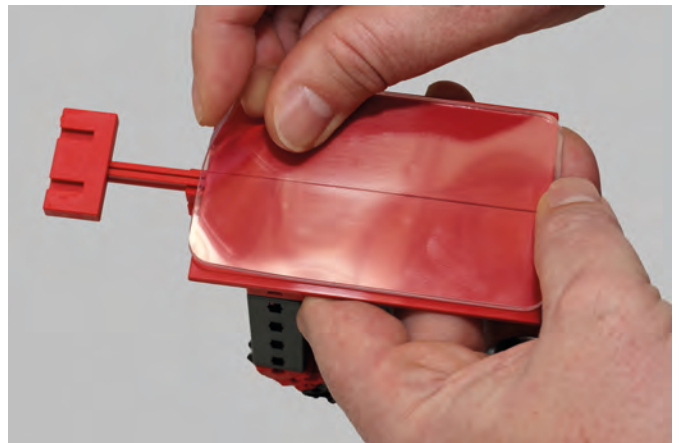
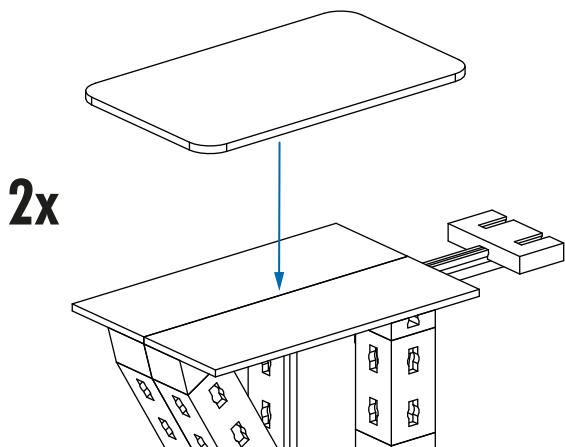
**11**

- 2x 
- 2x 
- 1x 
- 1x 








**12**

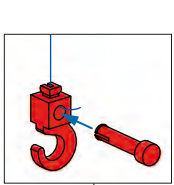
- 2x 



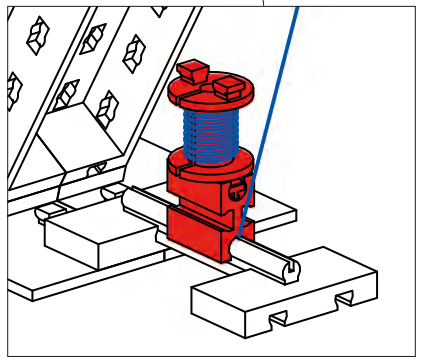
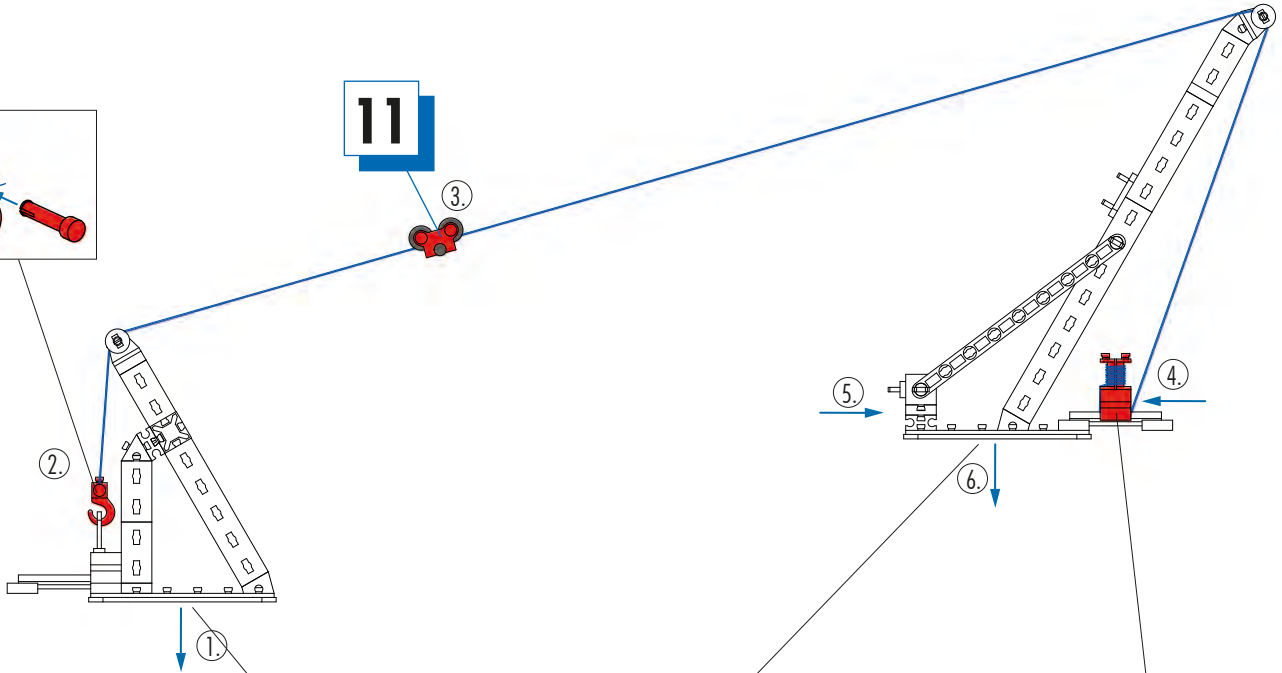
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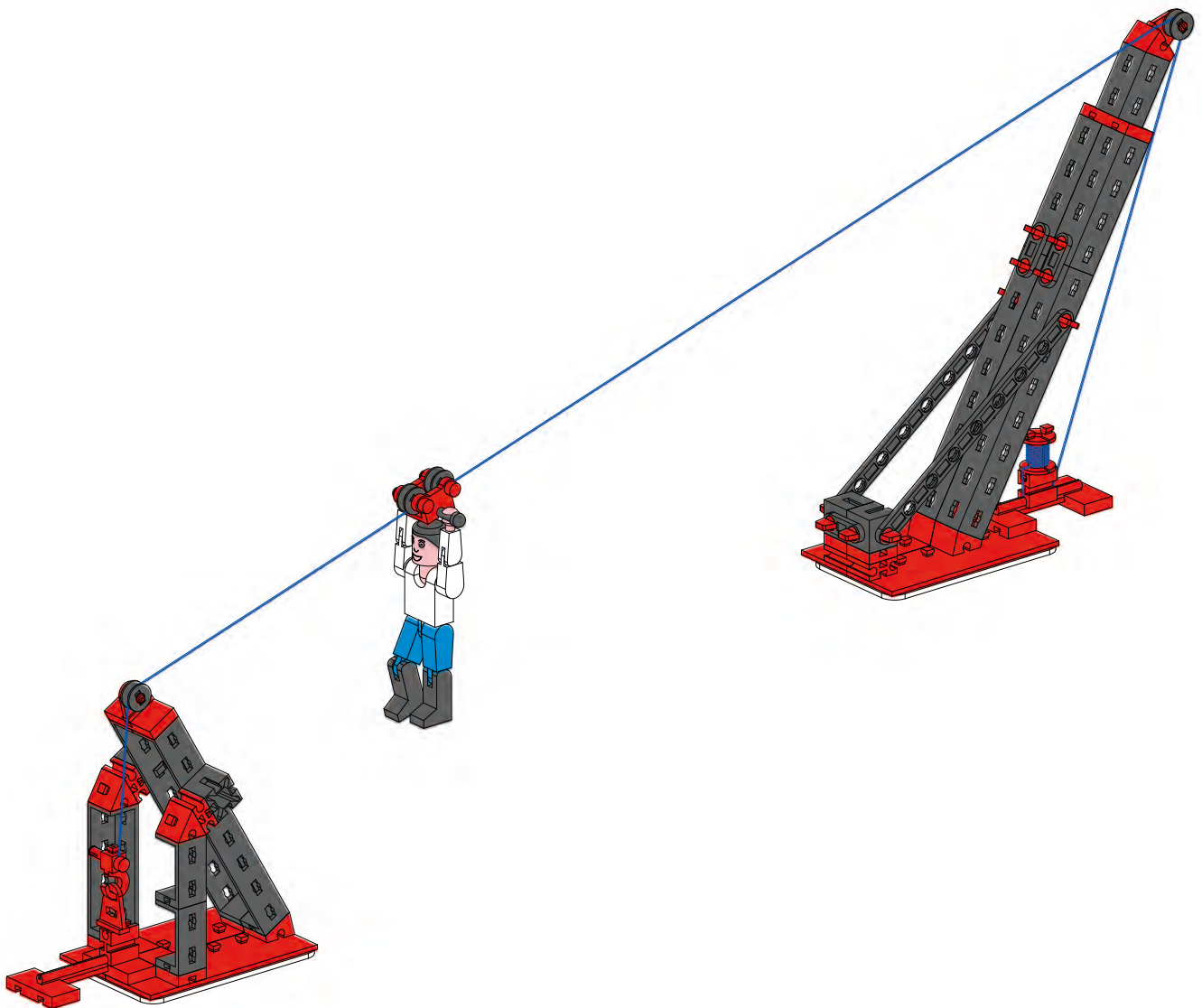
1x  1x 

1x  1x  1x 



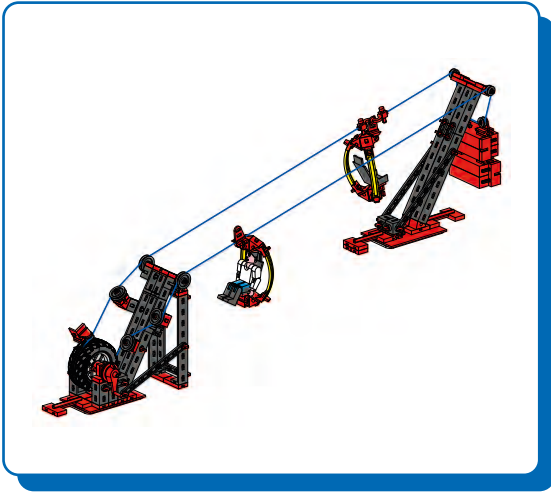
**11**





Falls das Vakuum Pad auf dem Untergrund nicht ausreichend haftet:  
 If the vacuum pad does not adhere sufficiently to the surface:  
 Si jamais la ventouse n'adhère pas suffisamment au support :  
 Als de vacuüm-pad onvoldoende op de ondergrond hecht:  
 En caso de que la almohadilla de vacío no se adhiera de forma suficiente a la superficie:  
 Caso o bloco de vácuo não tenha aderência suficiente ao substrato:  
 Nel caso in cui la ventosa a vuoto non aderisse correttamente al suolo:  
 Если сцепление вакуумного коврика с поверхностью недостаточное:  
 如果真空垫未充分粘在地基上 :

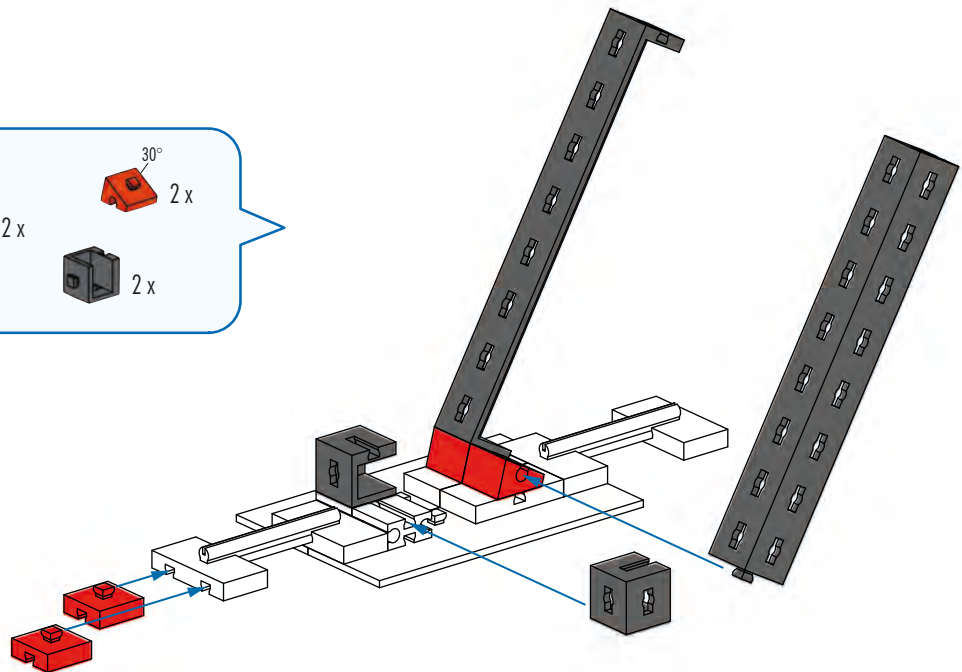
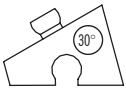
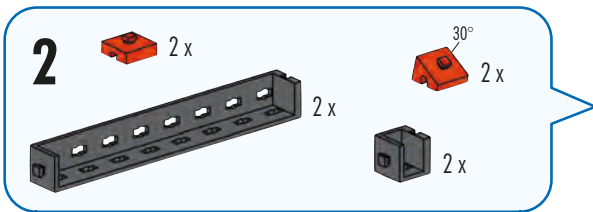
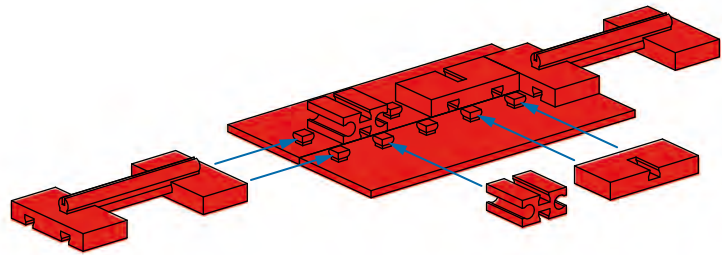
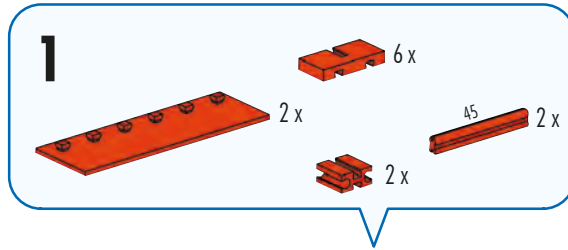




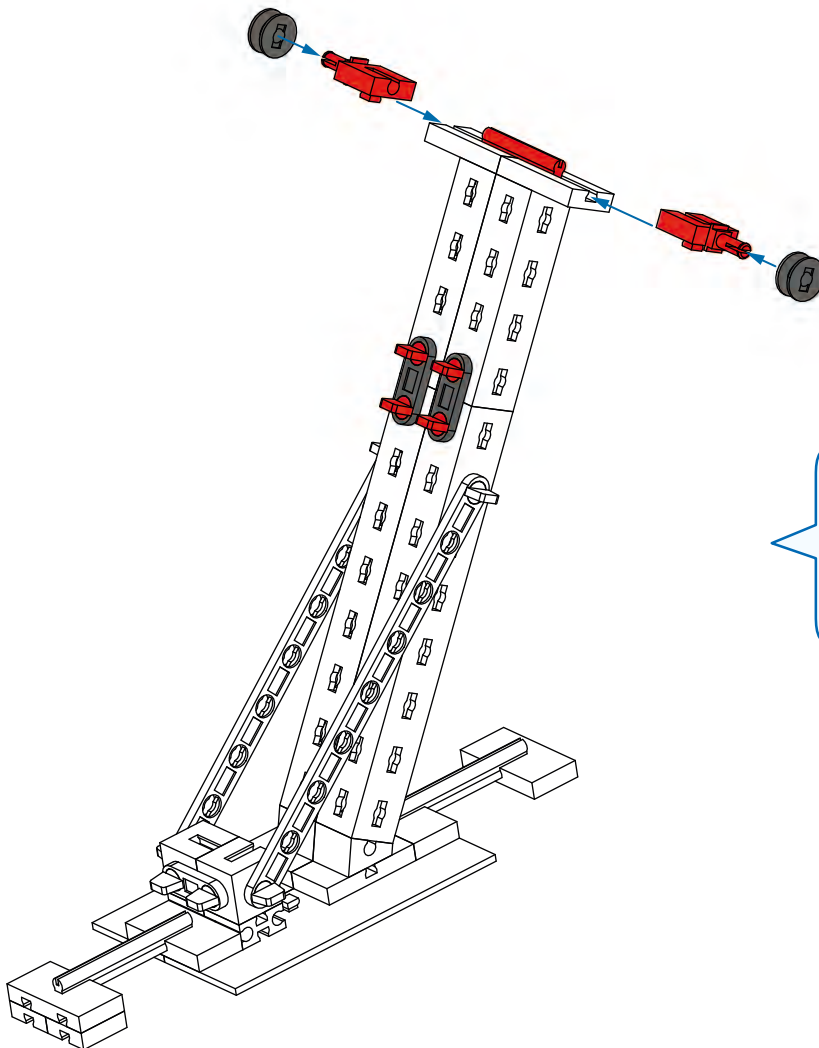
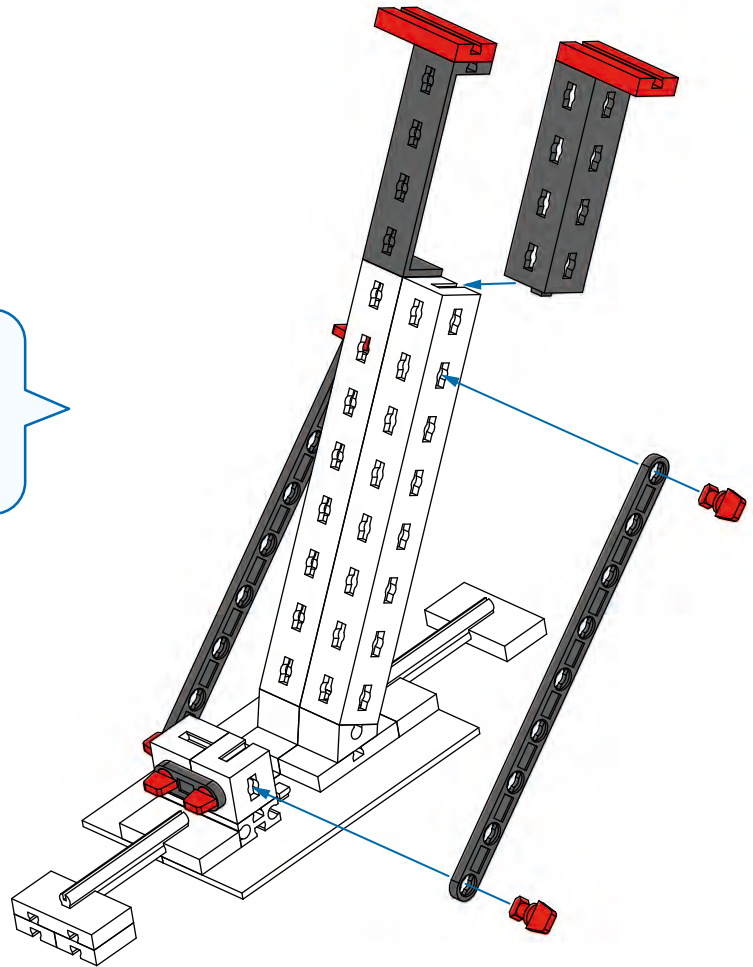
**Pendelbahn**  
**Aerial tramway**  
**Téléphérique à**  
**va-et-vient**

**Luchttram**  
**Tranvia aéreo**  
**Linha de bonde aéreo**

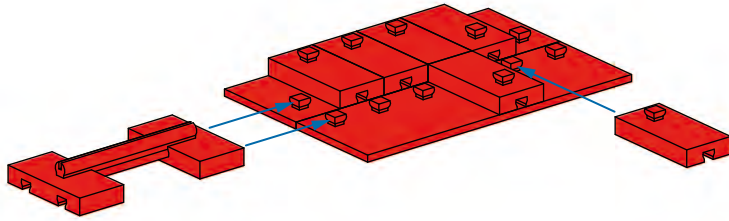
**Tramvia aerea**  
**Канатная дорога**  
**高空索道**



- 3**
- 15 1 x
  - A 6 x
  - 2 x
  - 120 2 x
  - 2 x



- 4**
- 15 2 x
  - A 4 x
  - 30 1 x
  - 2 x
  - 2 x

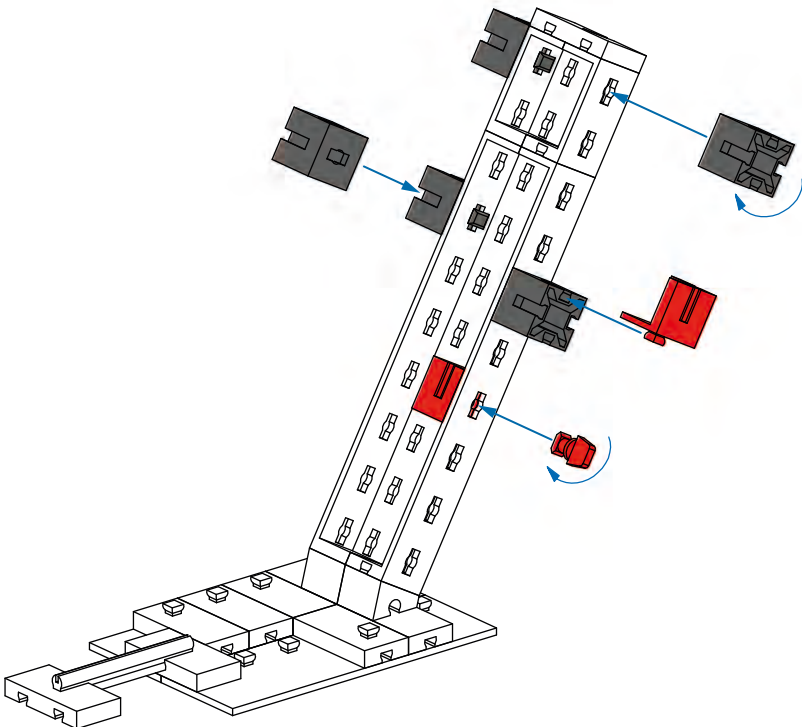
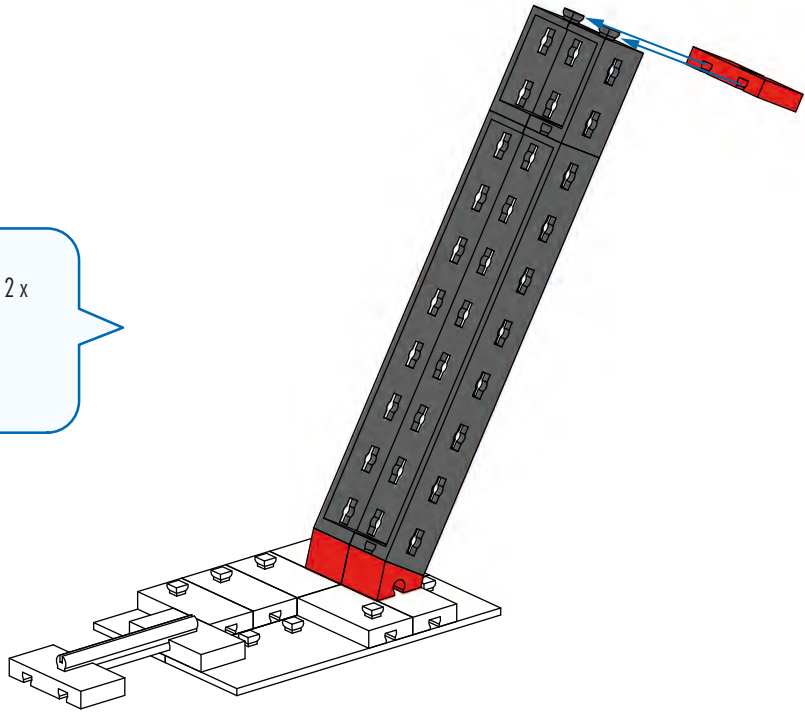
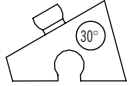


**5**

- 6 x (Red 1x3 Technic Brick)
- 2 x (Red 1x2 Technic Brick with Pin)
- 2 x (Red 1x6 Technic Beam)
- 1 x (Red 1x4 Technic Beam with Pin)

**6**

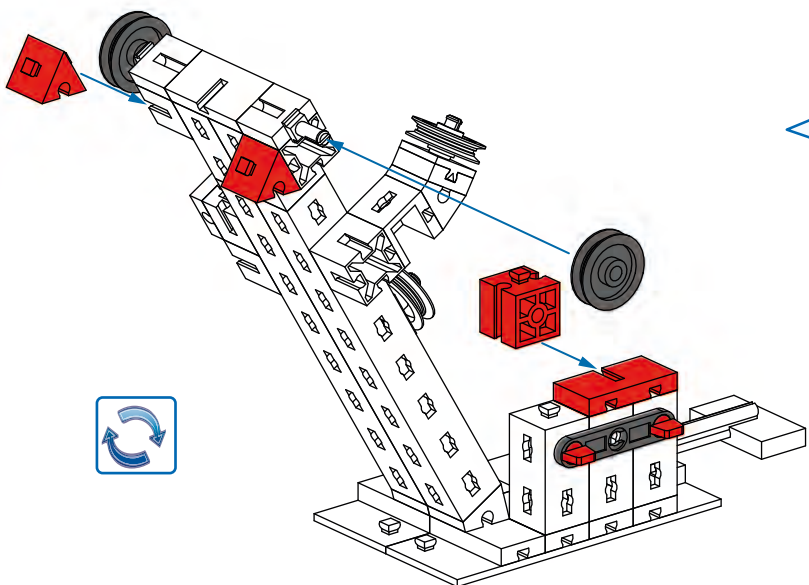
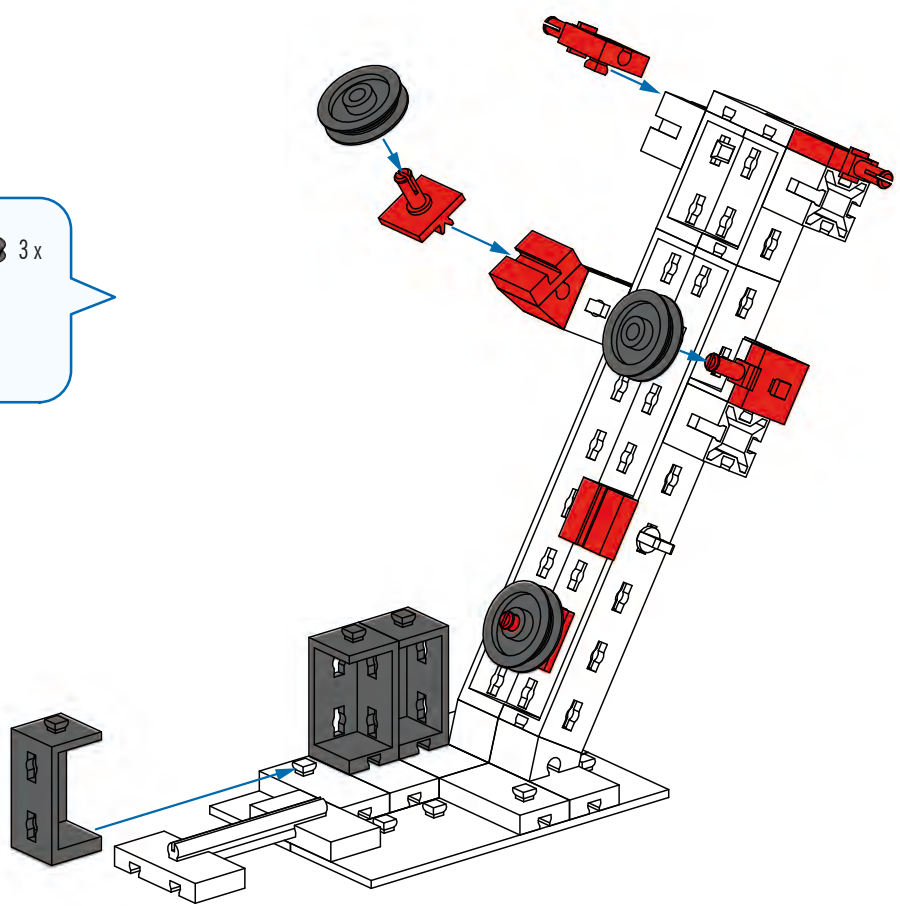
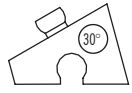
- 2 x (Red 30° Technic Wedge)
- 2 x (Grey Technic Connector)
- 2 x (Grey Technic Beam)
- 1 x (Red 1x2 Technic Brick with Pin)



**7**

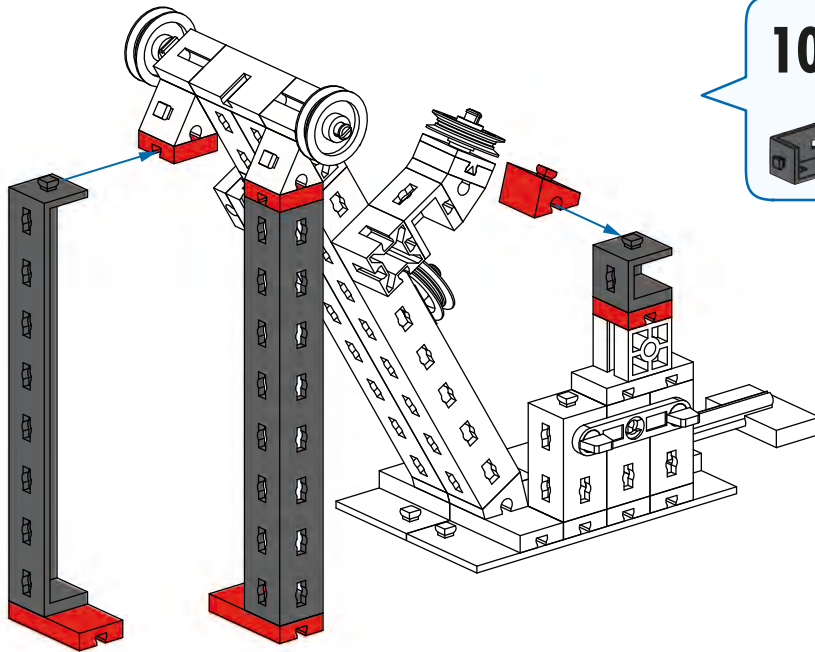
- 1 x (Red L-shaped Technic Connector)
- 1 x (Grey Technic Connector)
- 4 x (Grey Technic Connector)
- 1 x (Red Technic Connector)
- 1 x (Red Technic Pin)

- 8**
- 3 x [Red 1x3 Technic Brick with Hole]
  - 2 x [Red 1x2 Technic Brick with Hole]
  - 3 x [Grey Technic Wheel]
  - 3 x [Grey Technic Axle Connector]
  - 1 x [Red 30° Technic Bushing]
  - 2 x [Red Technic Pin]




- 9**
- 1 x [Red 1x3 Technic Brick with Hole]
  - 2 x [Red Technic Pin]
  - 2 x [Grey Technic Wheel]
  - 1 x [Red 1x3 Technic Brick with Hole]
  - 1 x [Grey Technic Axle Connector]
  - 2 x [Red 60° Technic Bushing]





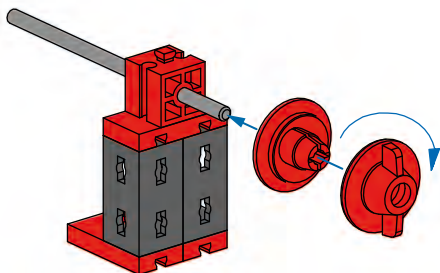
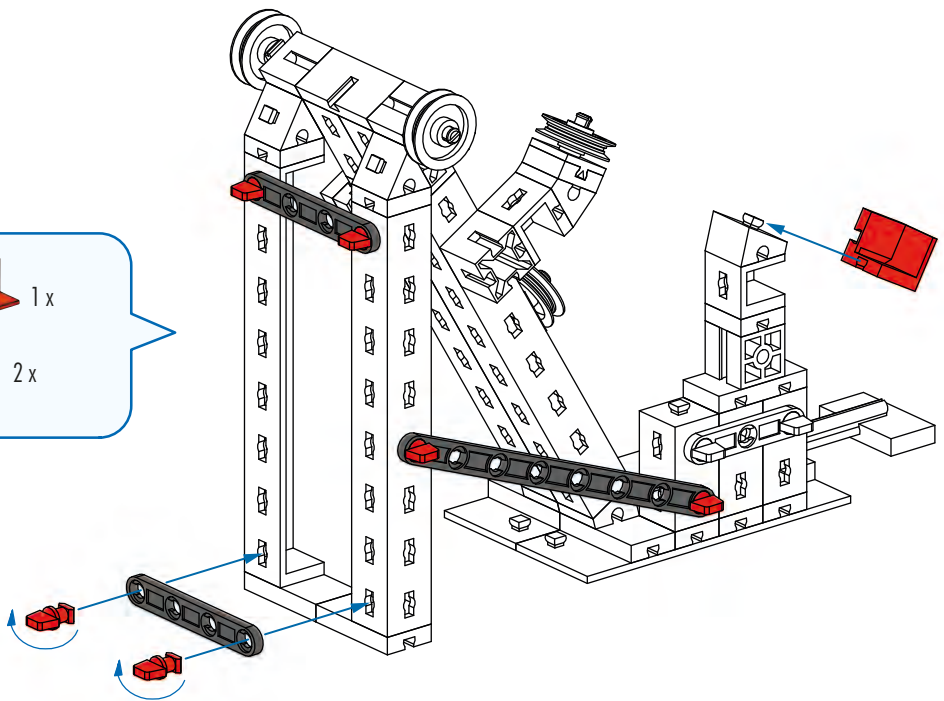
**10**

- 3 x (Red 1x3 Technic Pin)
- 2 x (Grey 1x10 Technic Beam)
- 1 x (Grey Technic Connector)
- 2 x (Red 1x2 Technic Pin)
- 1 x (Red 30° Technic Pin)



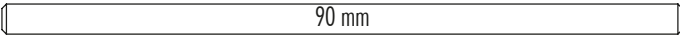
**11**

- 6 x (Red 1x1 Technic Pin)
- 1 x (Grey 1x105 Technic Beam)
- 1 x (Red 1x2 Technic Pin)
- 2 x (Grey 1x45 Technic Beam)







**12**

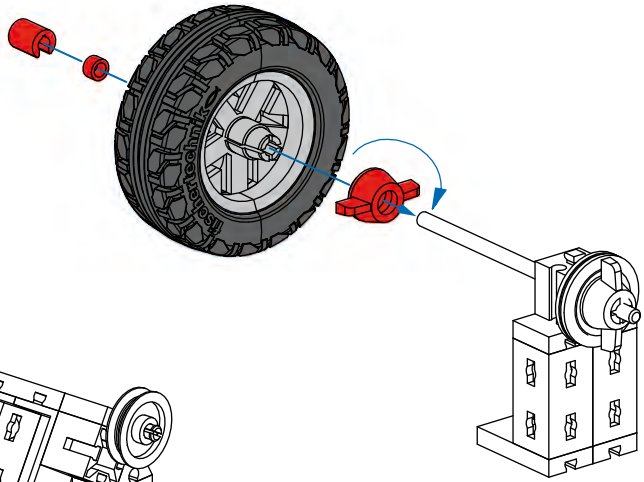
- 1 x (Red 1x1 Technic Pin)
- 2 x (Red 1x2 Technic Pin)
- 1 x (Red 1x3 Technic Pin)
- 1 x (Grey 90 mm Technic Axle)
- 1 x (Red 1x1 Technic Pin)
- 2 x (Grey Technic Connector)
- 1 x (Red 1x2 Technic Pin)



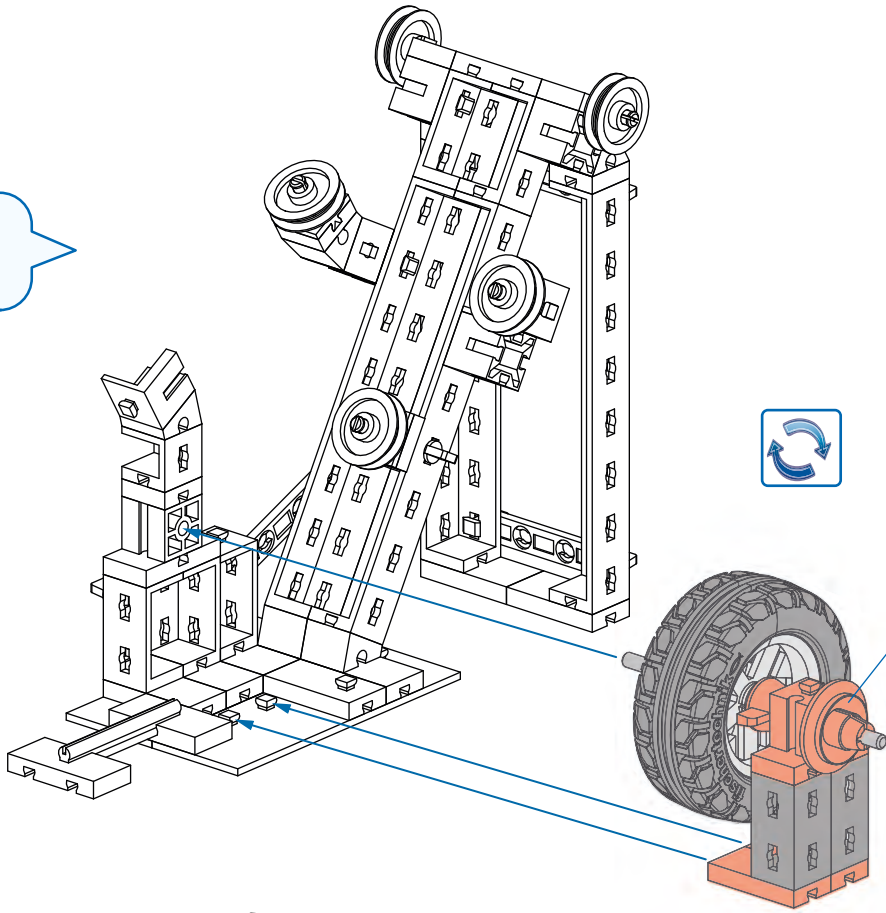


**13**

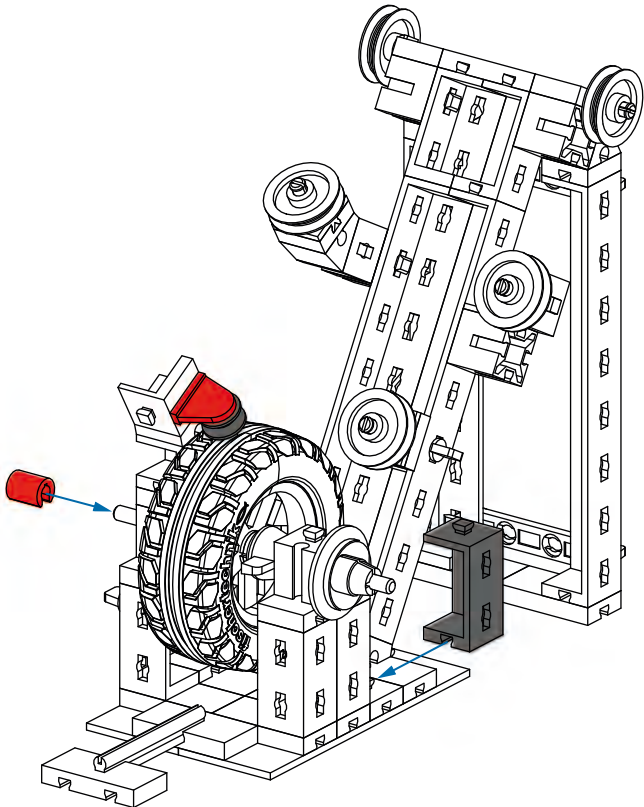
- 1x 
- 1x 
- 1x 
- 1x 







**14**



**13**

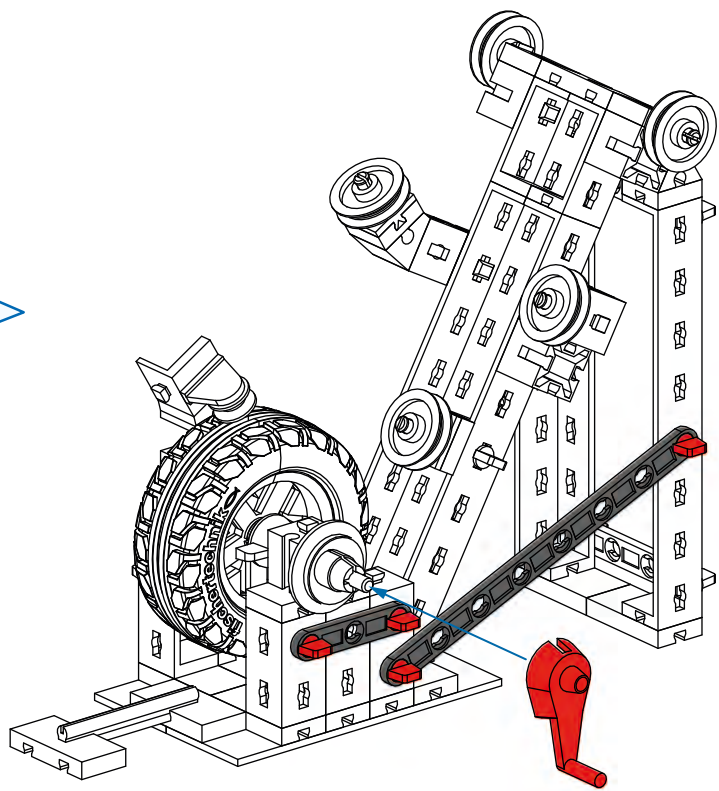


**15**

- 1x 
- 1x 
- 1x 
- 1x 

**16**

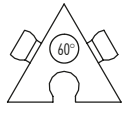
- 4 x
- 1 x
- 1 x
- 1 x



**2 x**

**17**

- 2 x
- 2 x
- 2 x
- 2 x
- 2 x



**18**

- 2 x
- 2 x
- 2 x

**2 x**

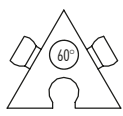


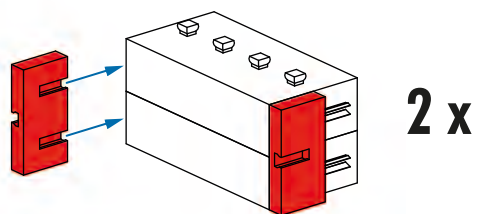
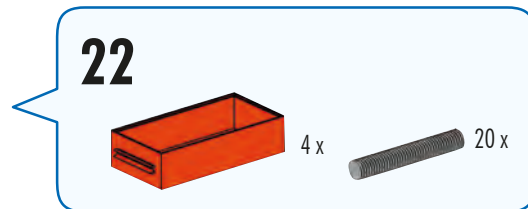
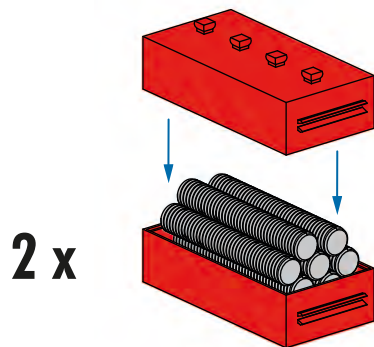
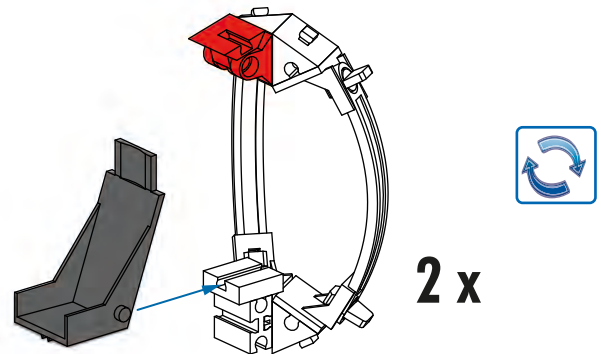
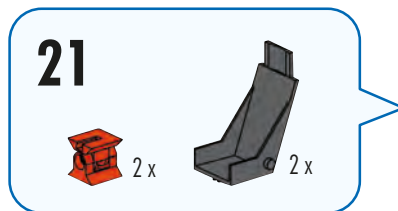
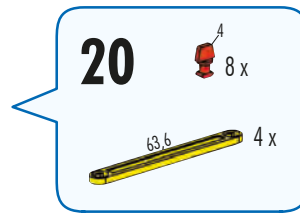
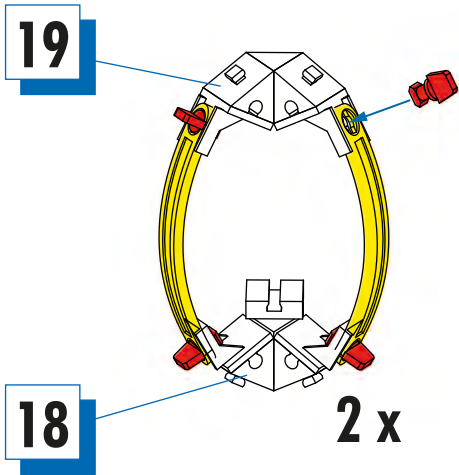
**2 x**




**19**


- 4 x
- 2 x
- 4 x




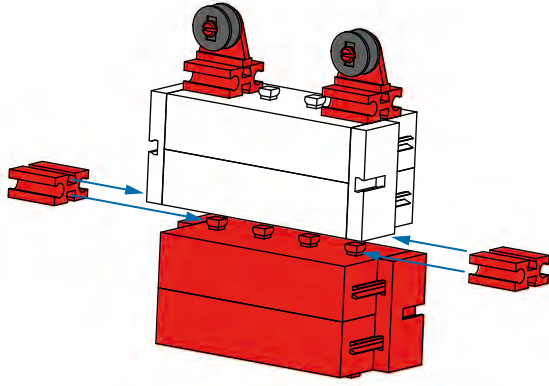


**24**


2x 

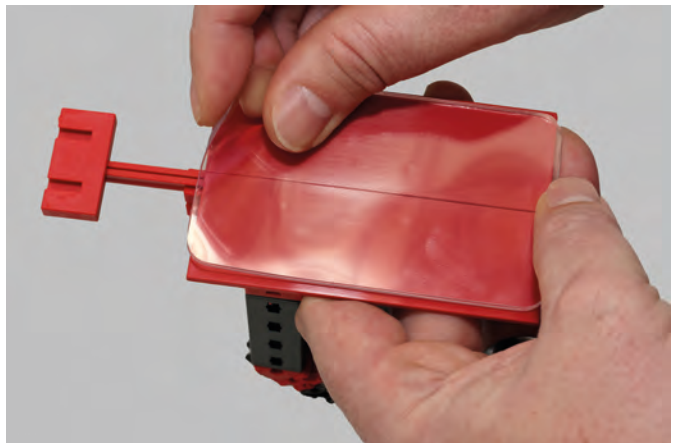
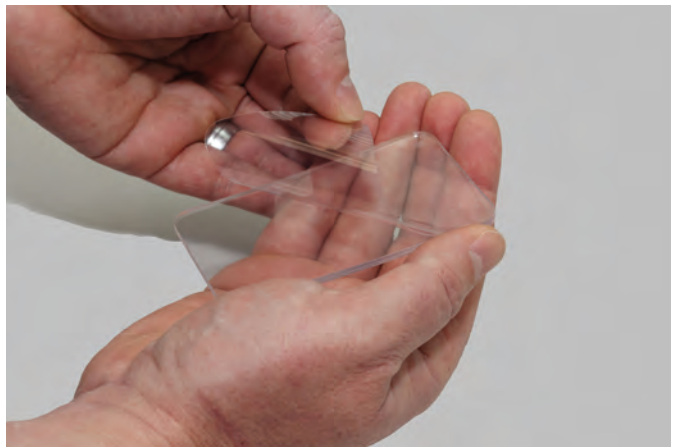
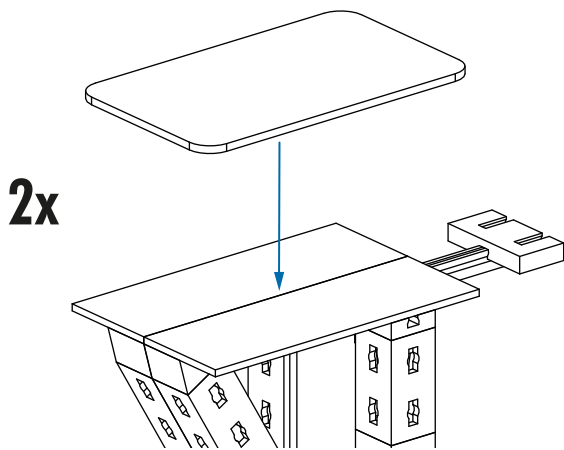
4x 

2x 

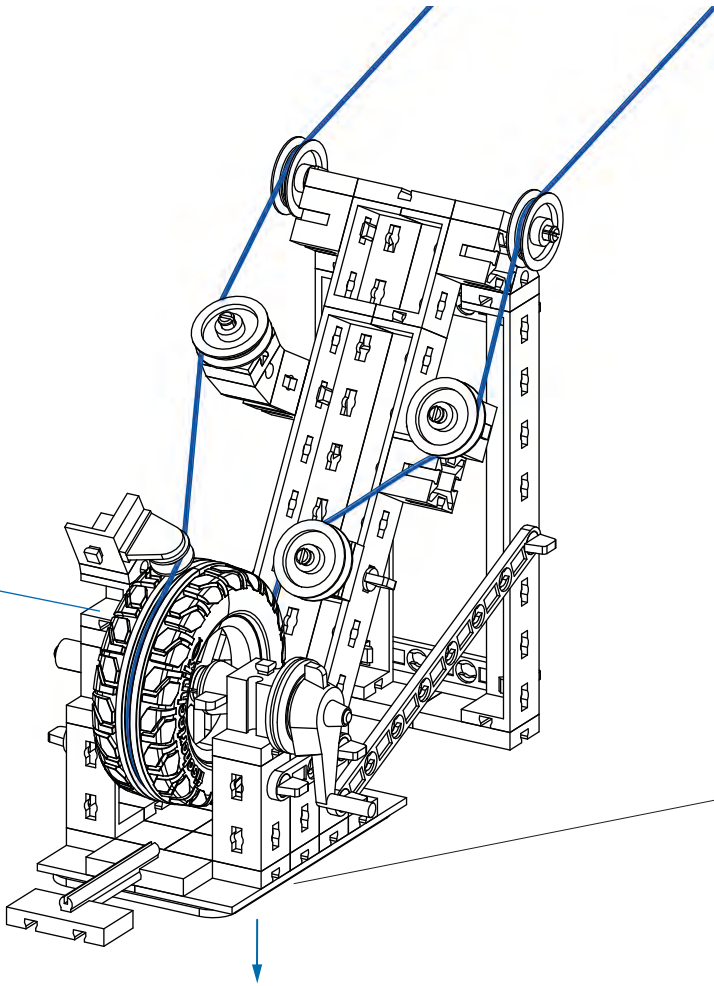


**25**

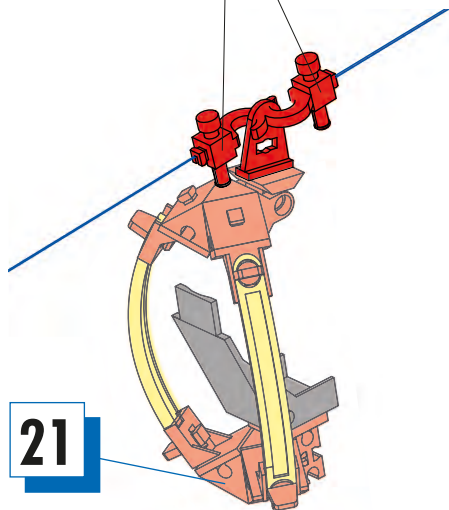
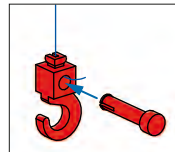
2x 



16



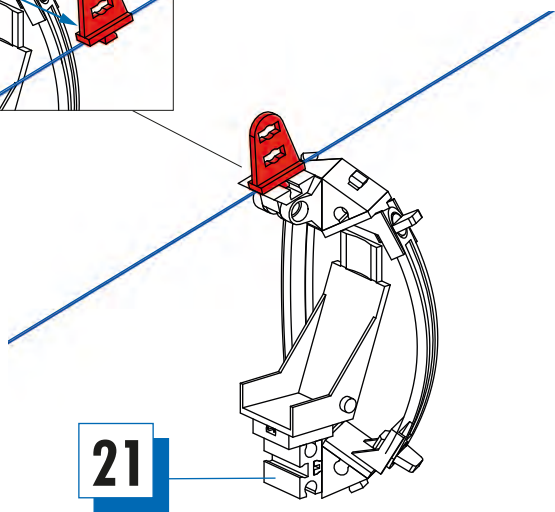
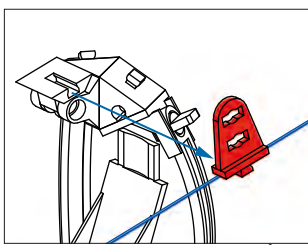
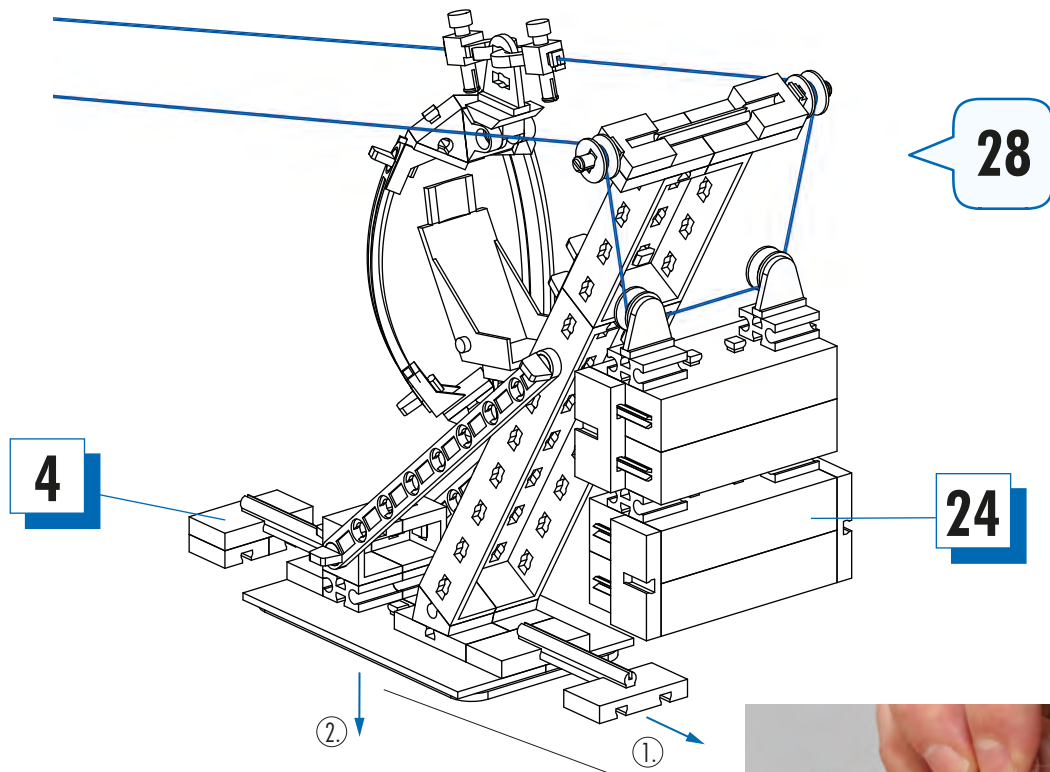
26



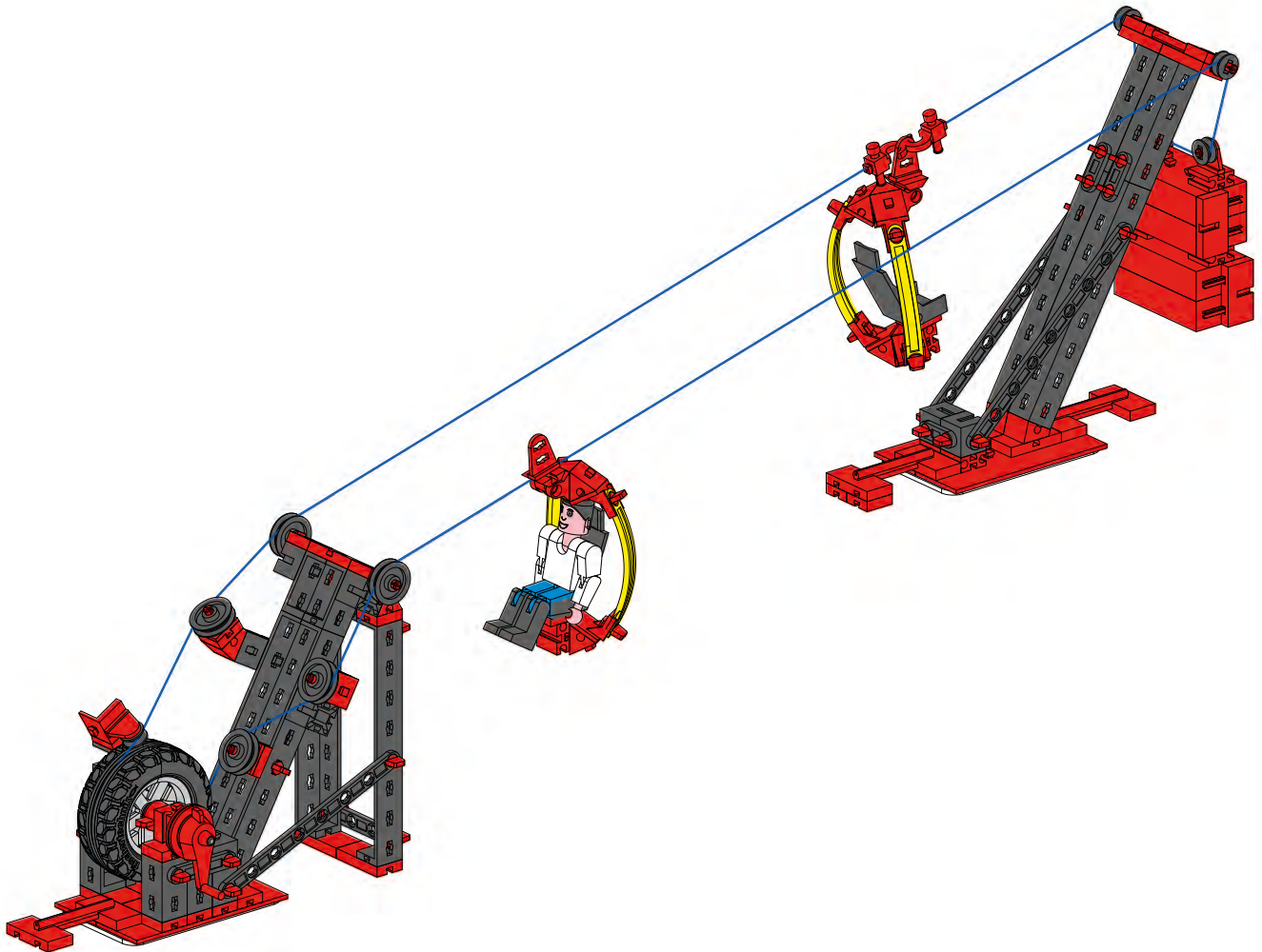
21

27





29  1x



Falls das Vakuum Pad auf dem Untergrund nicht ausreichend haftet:  
 If the vacuum pad does not adhere sufficiently to the surface:  
 Si jamais la ventouse n'adhère pas suffisamment au support :  
 Als de vacuüm-pad onvoldoende op de ondergrond hecht:  
 En caso de que la almohadilla de vacío no se adhiera de forma suficiente a la superficie:  
 Caso o bloco de vácuo não tenha aderência suficiente ao substrato:  
 Nel caso in cui la ventosa a vuoto non aderisse correttamente al suolo:  
 Если сцепление вакуумного коврика с поверхностью недостаточное:  
 如果真空垫未充分粘在地基上 :

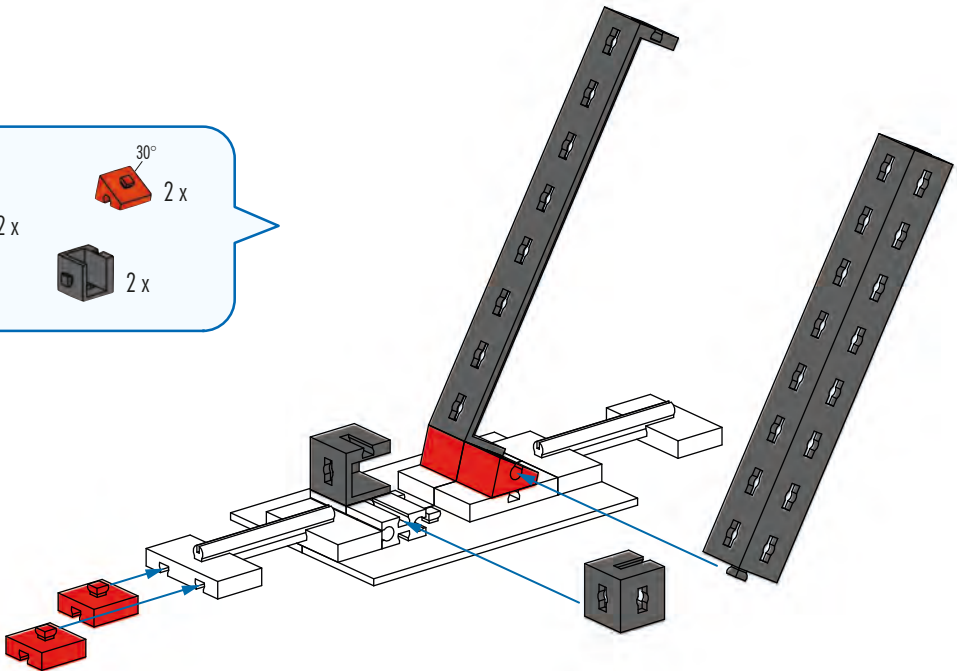
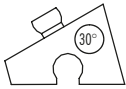
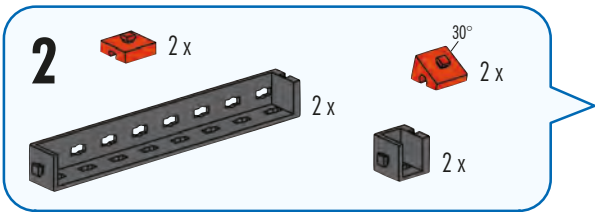
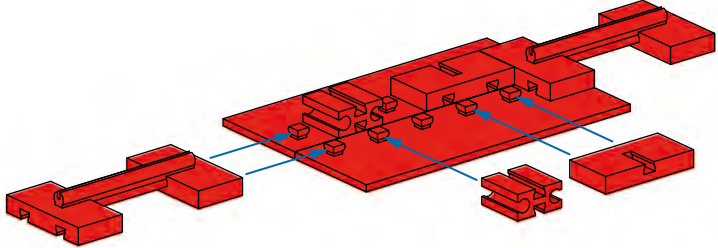
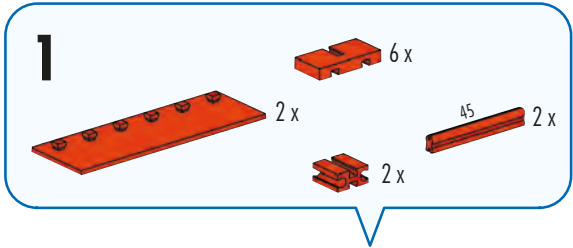




**Bergbahn**  
**Mountain railroad**  
**Train de montagne**

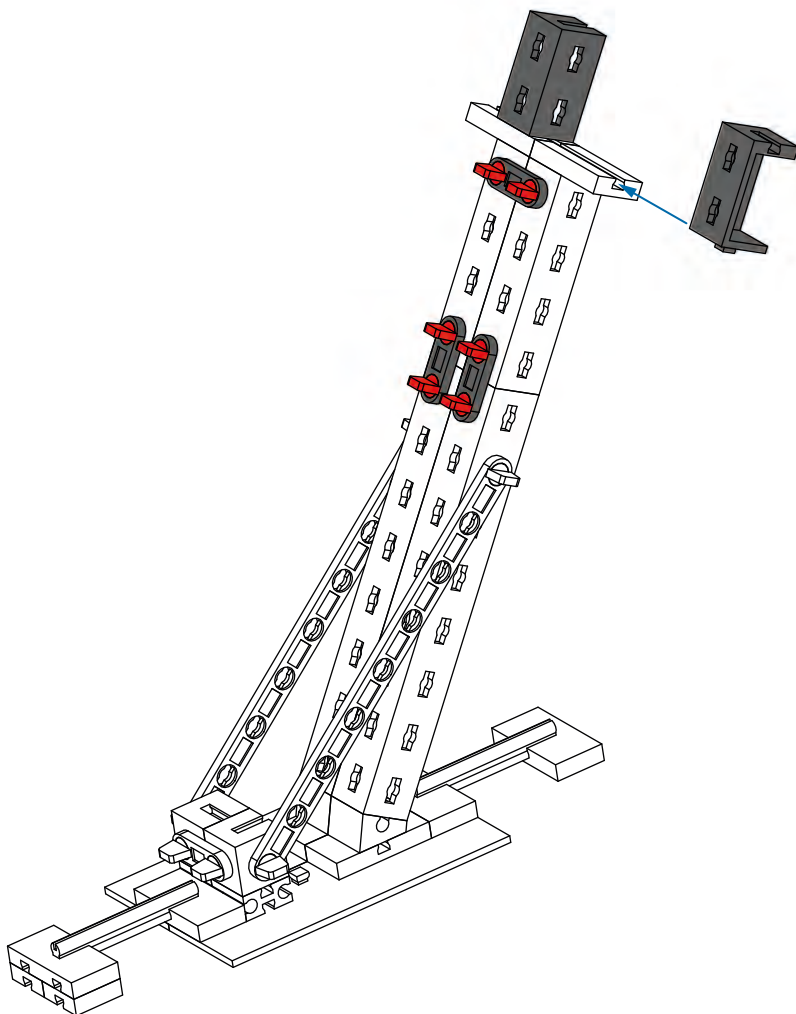
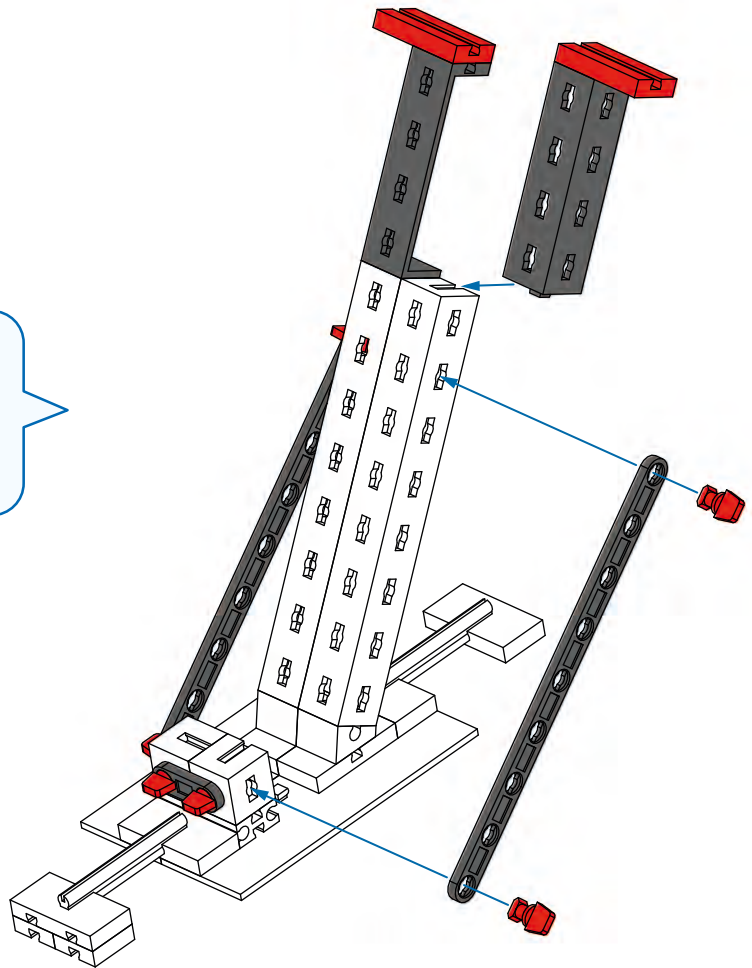
**Bergtrein**  
**Ferrocarril de montaña**  
**Trem de montanha**

**Ferrovia di montagna**  
 горная железная  
 дорога  
 路山区铁路

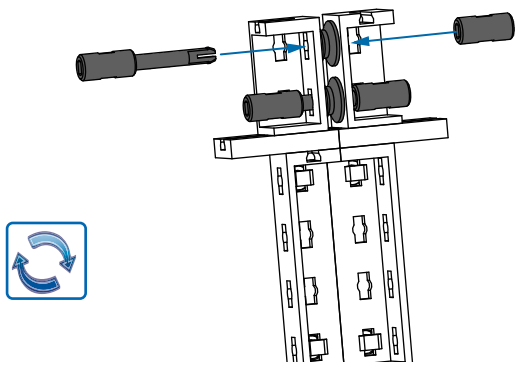




- 3**
- 15 1x
  - 4 6x
  - 2x
  - 120 2x
  - 2x

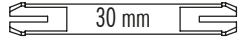


- 4**
- 15 3x
  - 4 6x
  - 2x



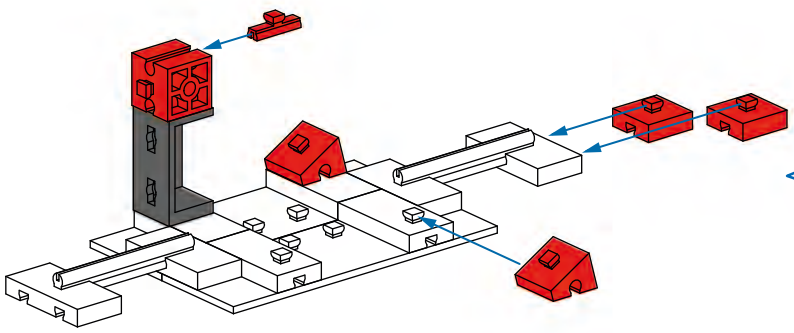
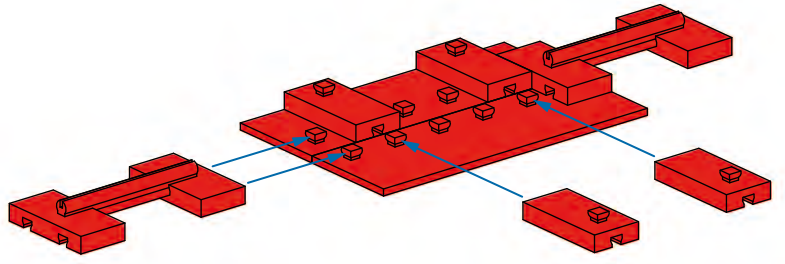
**5**

- 4 x [Pin]
- 2 x [Pin 30]
- 2 x [Pin]



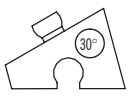
**6**

- 4 x [Red 1x2 Technic Brick]
- 4 x [Red 1x2 Technic Brick with Hole]
- 2 x [Red 1x6 Technic Brick]
- 2 x [Red 1x4 Technic Brick with Hole]



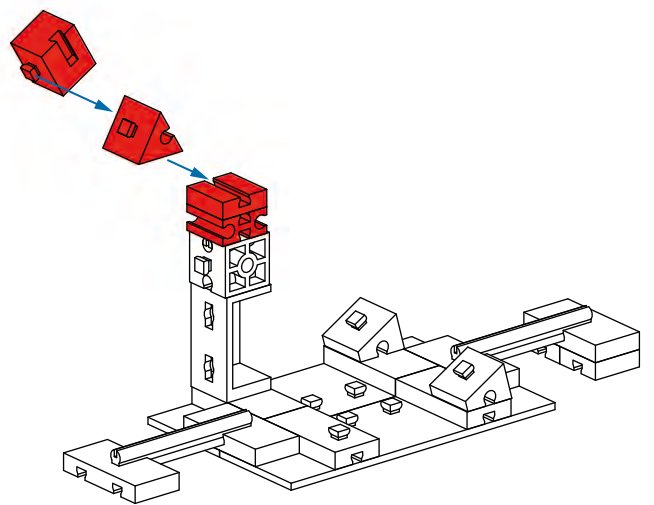
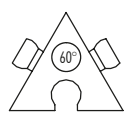
**7**

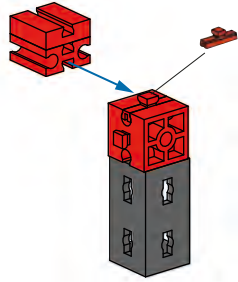
- 1 x [Red 1x2 Technic Brick with Hole]
- 2 x [Red 1x2 Technic Brick]
- 1 x [Grey Technic Axle]
- 2 x [Red 30° Technic Wedge]
- 1 x [Red 1x2 Technic Brick with Hole]



**8**

- 1 x [Red 1x2 Technic Brick]
- 1 x [Red 60° Technic Wedge]
- 1 x [Red 1x2 Technic Brick with Hole]
- 1 x [Red 1x2 Technic Brick]



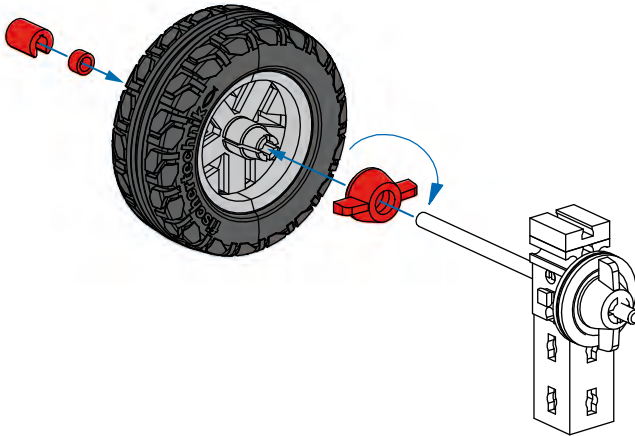
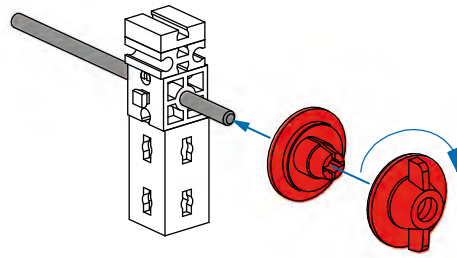
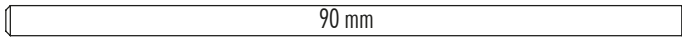


**9**

- 1x Red 1x2 Technic Brick
- 1x Red 1x1 Technic Brick
- 1x Grey 1x3 Technic Brick
- 1x Red 1x3 Technic Brick

**10**

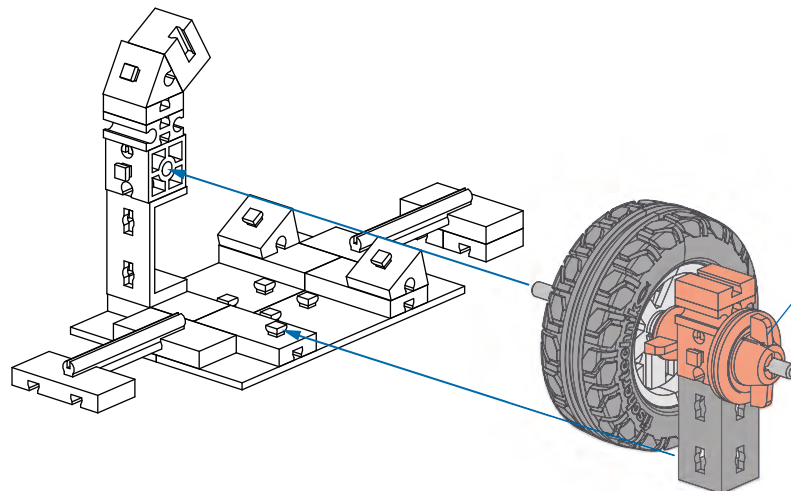
- 1x Red 1x2 Technic Axle Connector
- 1x Grey 90mm Technic Axle
- 1x Red 1x2 Technic Axle Connector



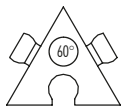
**11**

- 1x Red 1x2 Technic Axle Connector
- 1x Red 1x2 Technic Axle Connector
- 1x Black Rubber Tire

**12**



**11**



13



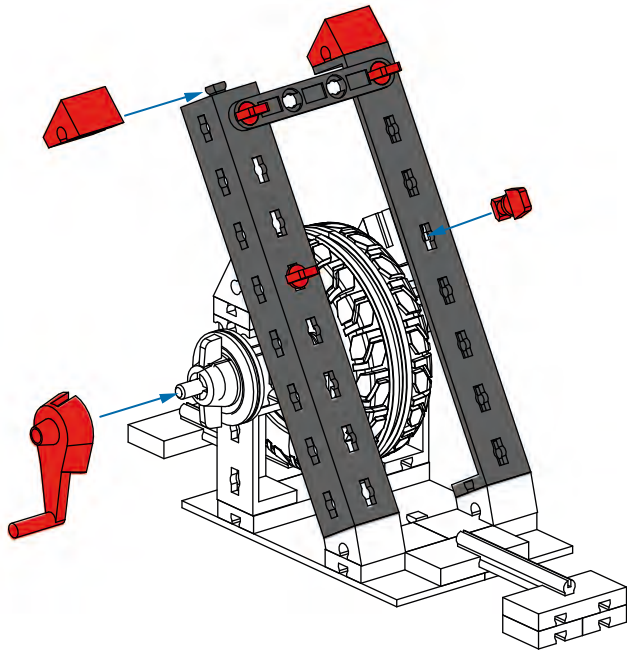
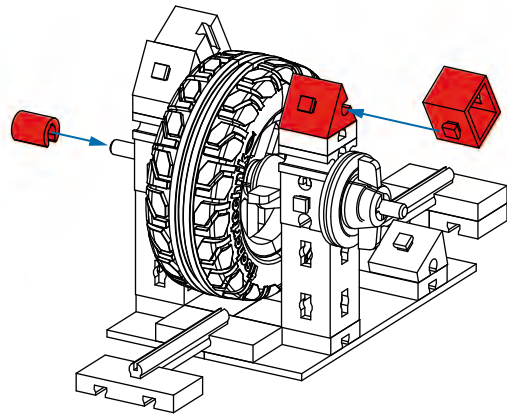
1x



1x



1x



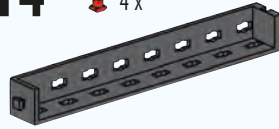
14



4x



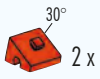
1x



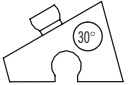
2x



1x



2x



15



4x



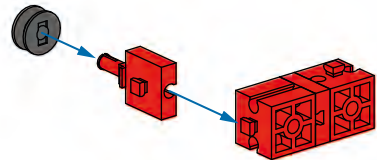
2x



2x

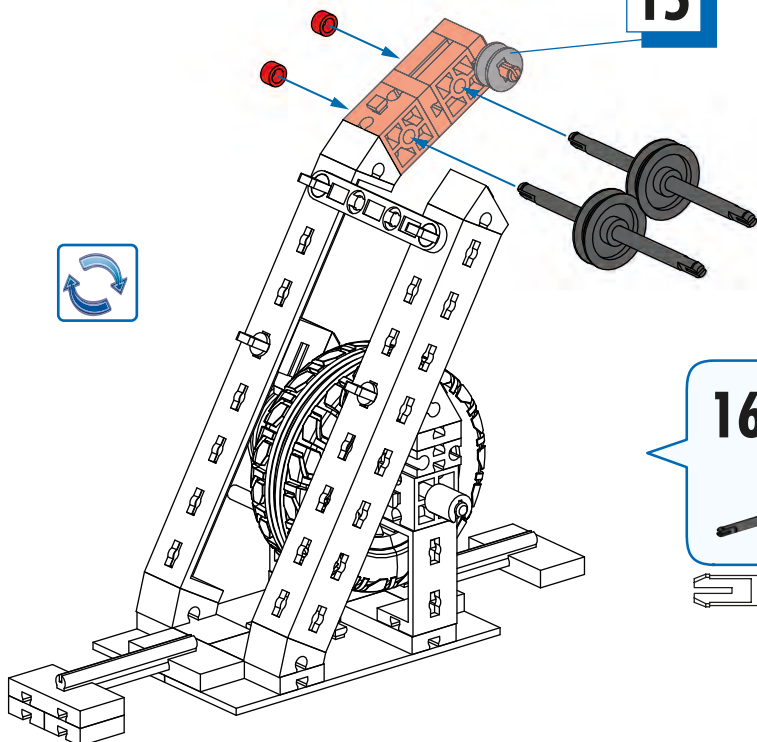


2x



2x

15



16



2x



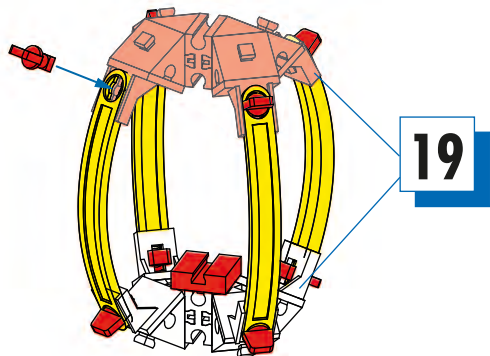
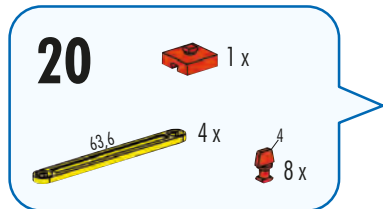
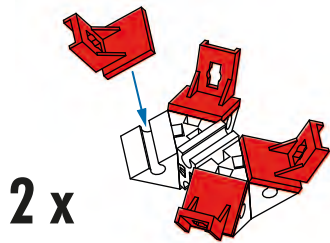
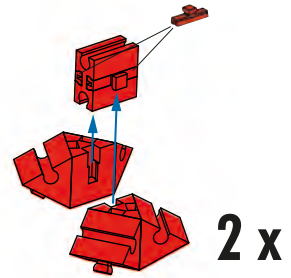
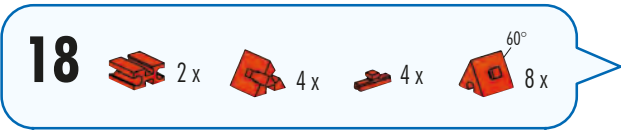
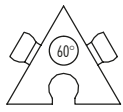
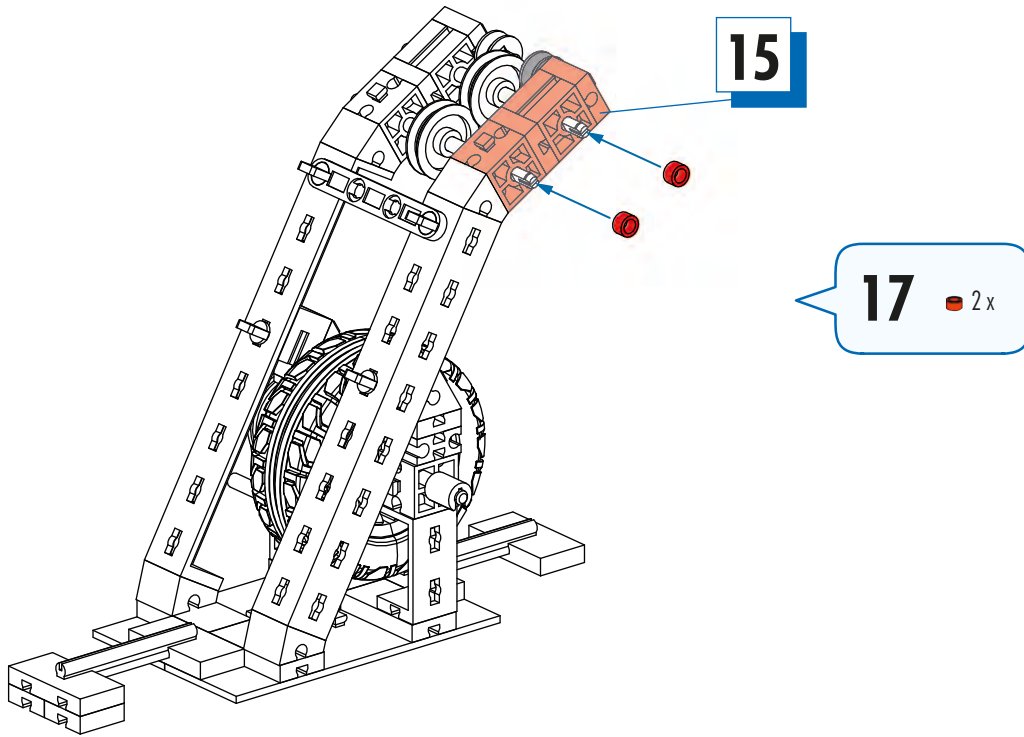
2x







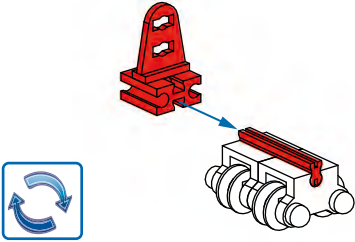
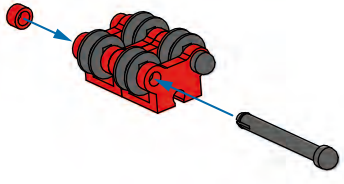
2x






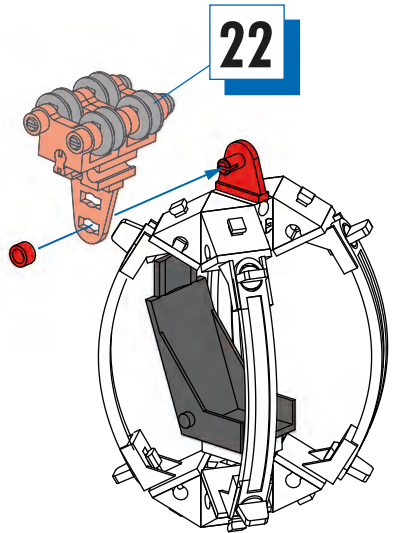
75 mm


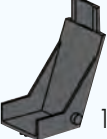



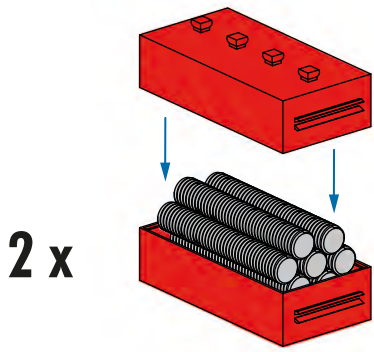
**21**  4x  2x  
 2x  2x





**22**  1x  30 1x  1x

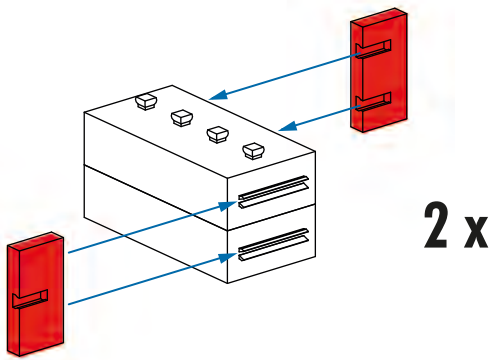


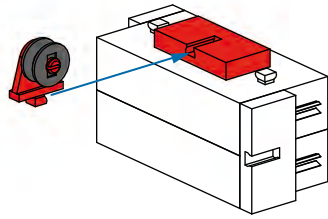
**23**  1x  1x  
 1x









**24**  4x  20x

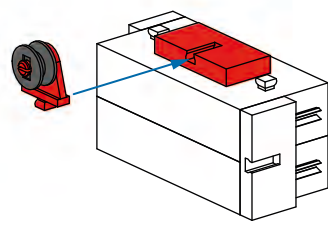
**25**  4x




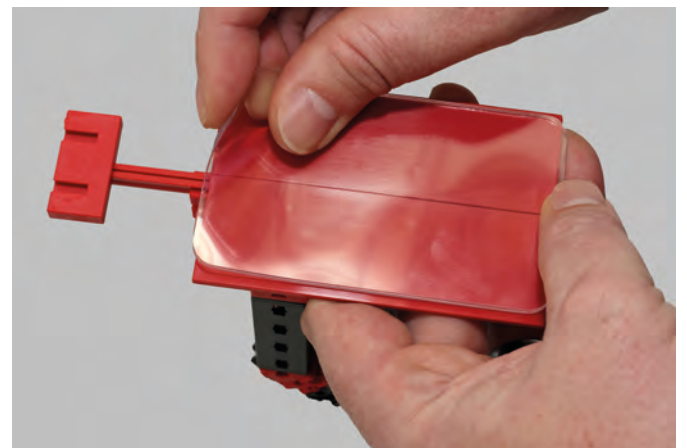
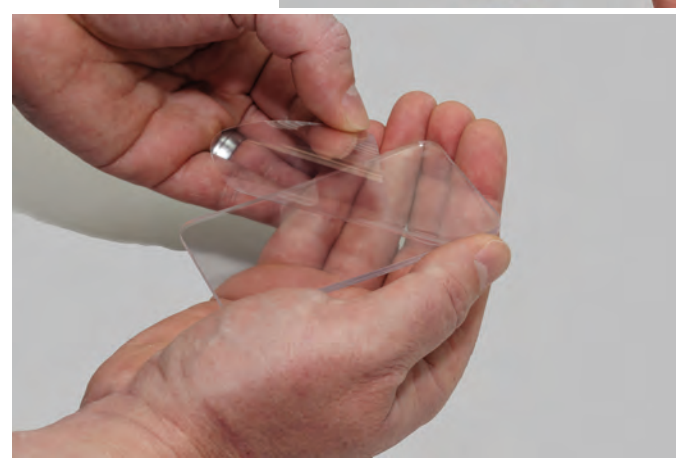
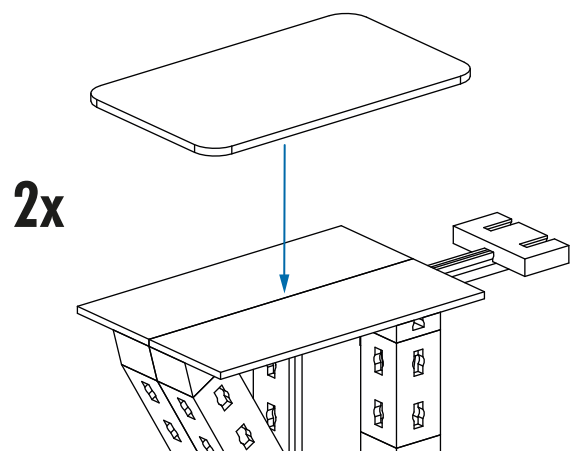


**26**  1x  
 1x  1x

**27**  1x  
 1x  1x



**28**  2x



29



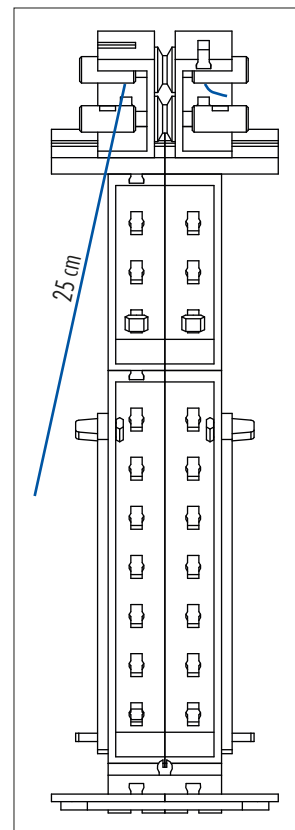
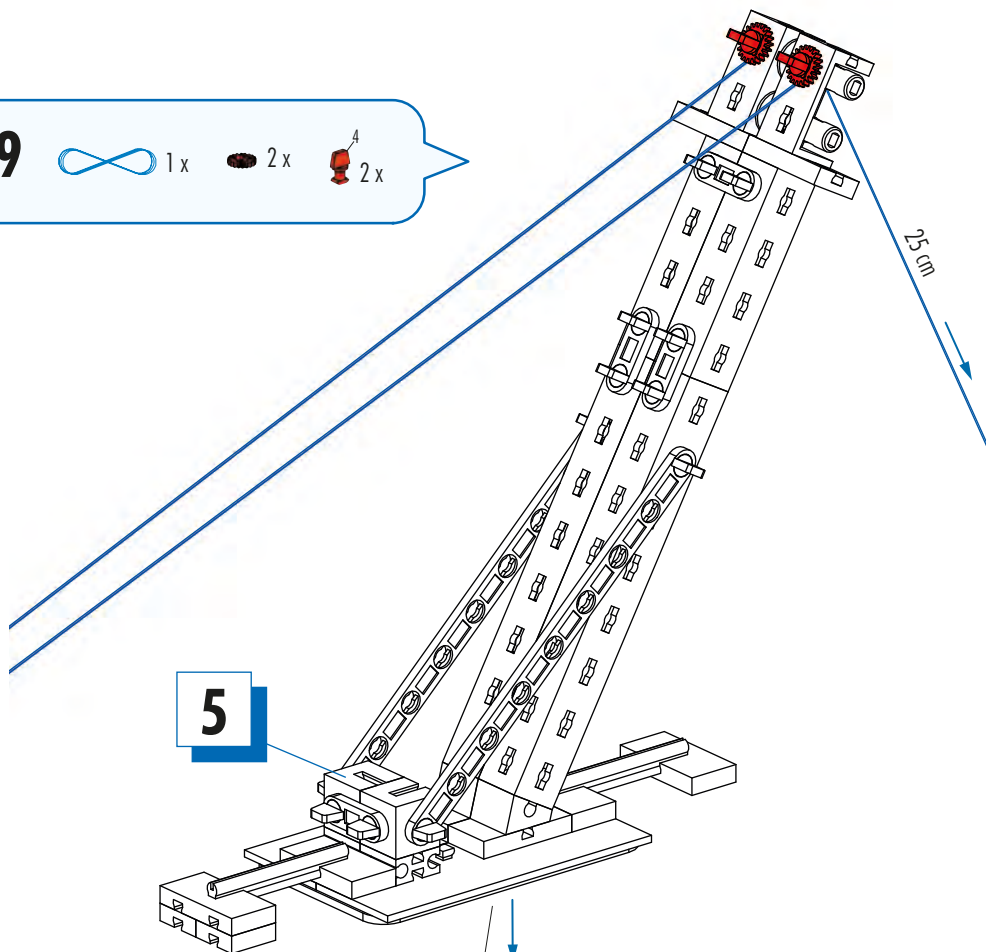
1x



2x



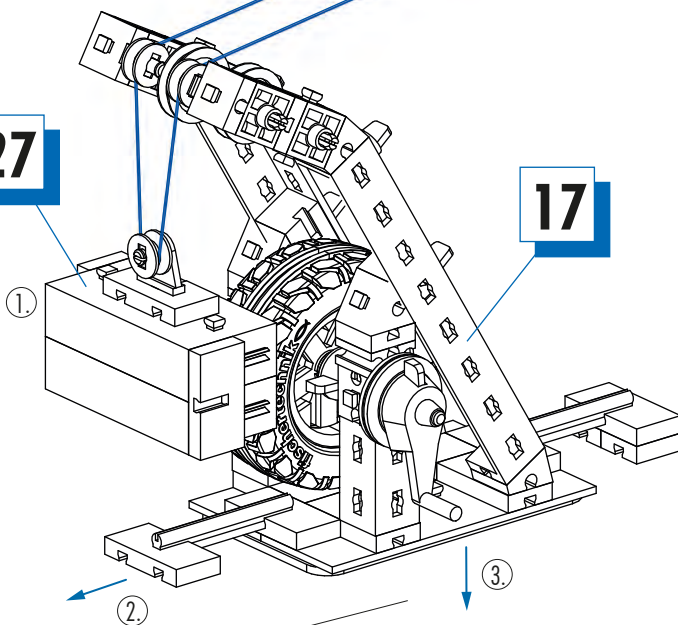
2x



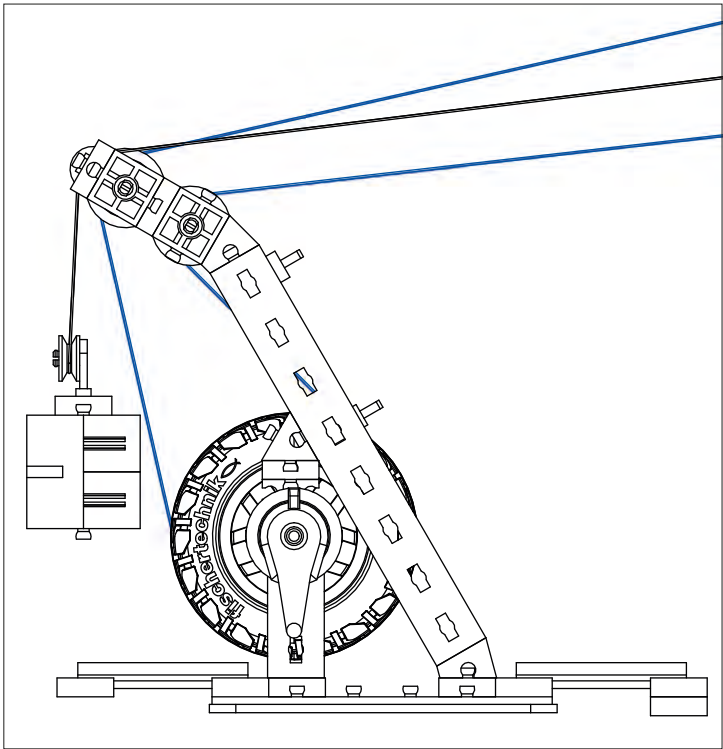
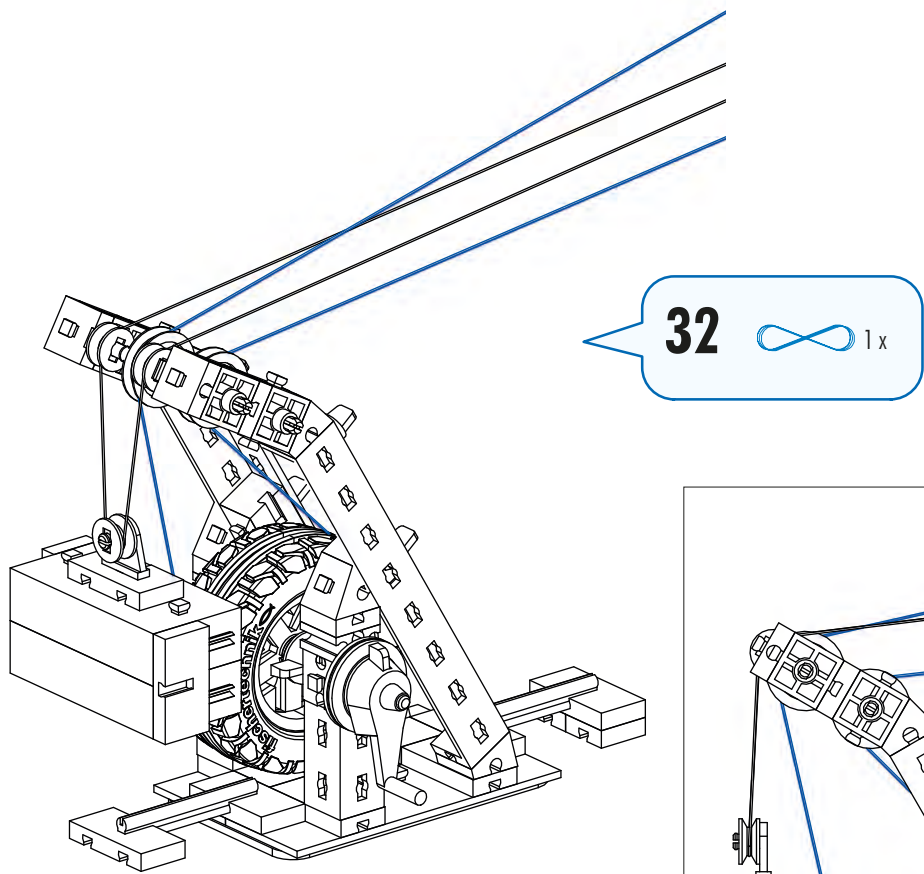
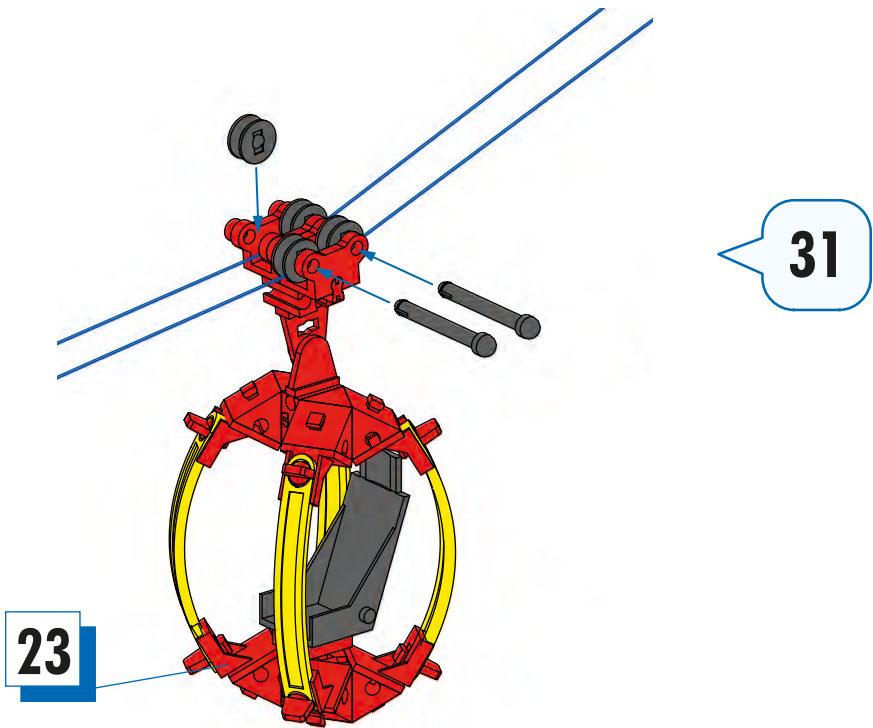
30

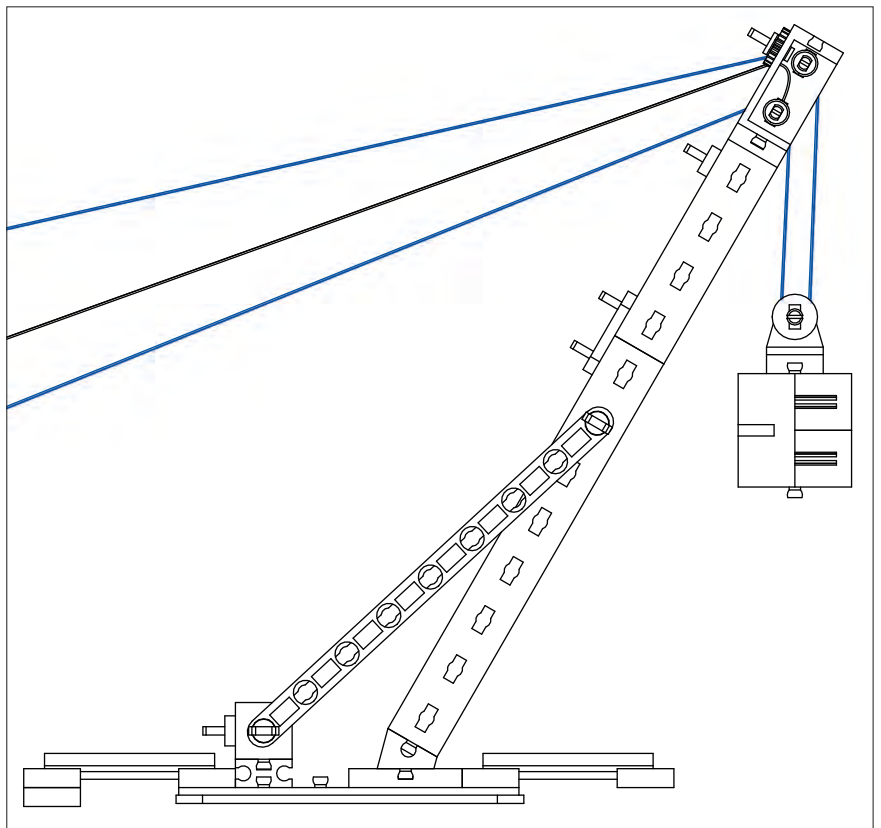
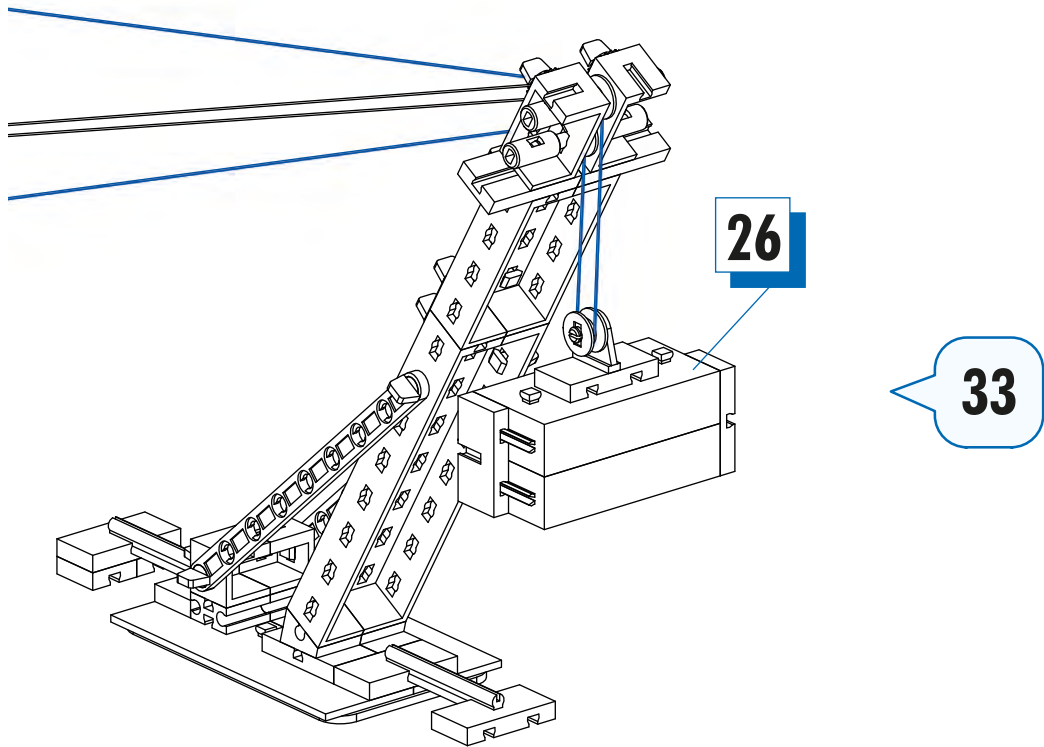
27

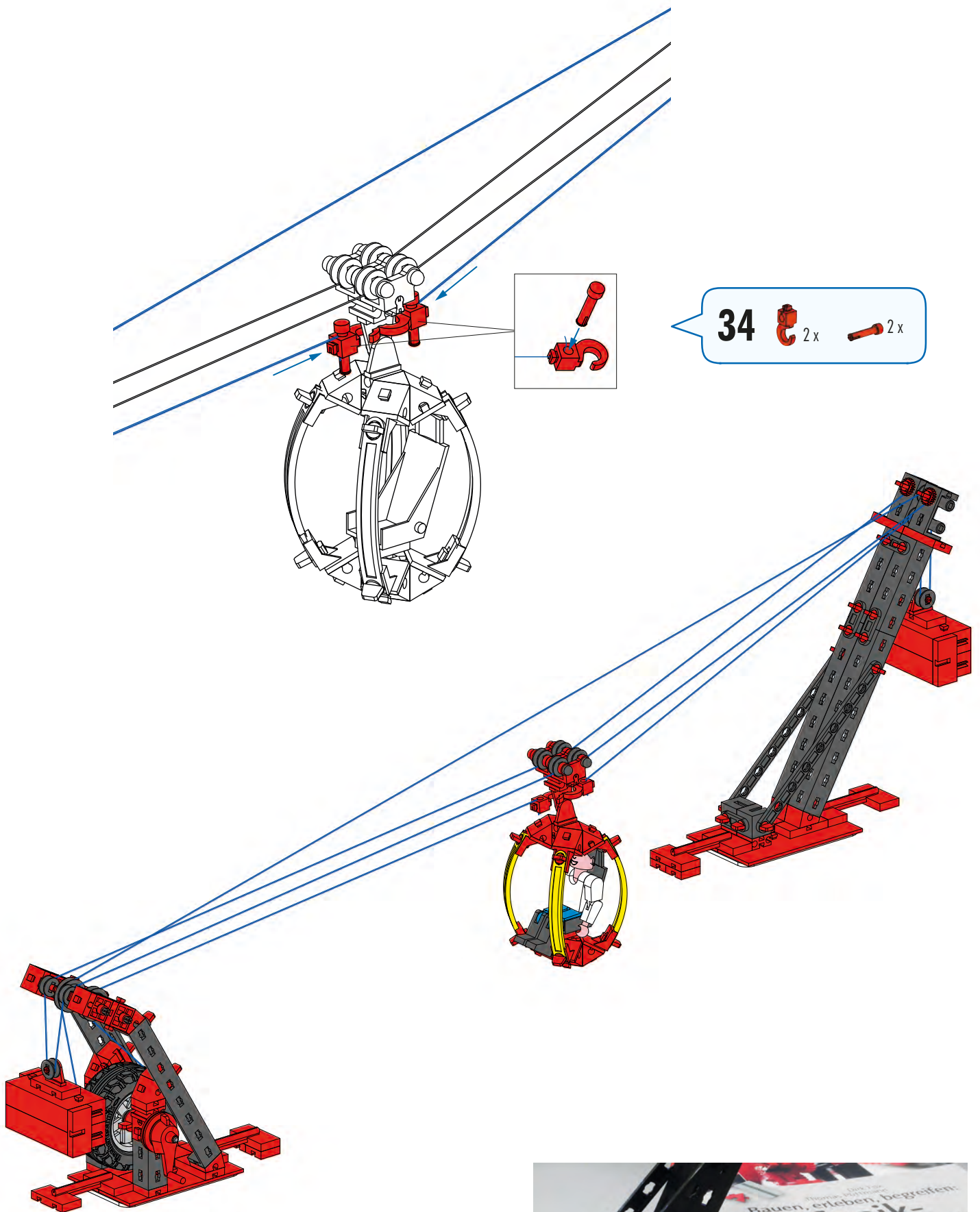
17











Falls das Vakuum Pad auf dem Untergrund nicht ausreichend haftet:  
 If the vacuum pad does not adhere sufficiently to the surface:  
 Si jamais la ventouse n'adhère pas suffisamment au support :  
 Als de vacuüm-pad onvoldoende op de ondergrond hecht:  
 En caso de que la almohadilla de vacío no se adhiera de forma suficiente a la superficie:  
 Caso o bloco de vácuo não tenha aderência suficiente ao substrato:  
 Nel caso in cui la ventosa a vuoto non aderisse correttamente al suolo:  
 Если сцепление вакуумного коврика с поверхностью недостаточное:  
 如果真空垫未充分粘在地基上 :

