



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 Firefighter

MODELS

4

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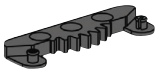



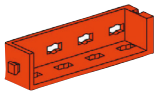

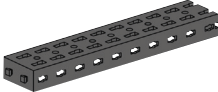





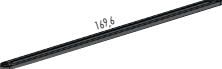






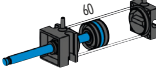












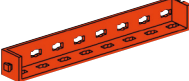













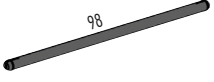




Löschflugzeug / Firefighting aircraft / Avion de lutte contre les incendies /  
Brandbestrijdingsvliegtuigen / Aviones de extinción de incendios /  
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**Einzelteilübersicht**  
**Spare parts list**  
**Liste des pièces détachées**

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




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

	31 010 6 x		31 983 1 x		35 806 1 x		38 242 2 x
	31 011 24 x		31 984 1 x		35 975 3 x		38 244 1 x
	31 058 1 x		32 064 7 x		35 980 2 x		38 423 10 x
	31 060 3 x		32 071 6 x		35 998 2 x		38 428 3 x
	31 061 3 x		32 330 2 x		36 323 10 x		38 472 1 x
	31 330 3 x		32 850 10 x		36 920 8 x		78 728 4 x
	31 597 2 x		32 854 2 x		36 922 1 x		116 252 5 x
	31 632 3 x		32 881 4 x		36 923 3 x		119 753 4 x
	31 667 1 x		32 882 5 x		36 934 1 x		127 471 4 x
	31 674 8 x		35 031 1 x		36 938 1 x		127 472 6 x
	31 760 2 x		35 049 14 x		36 950 2 x		130 593 2 x
	31 843 2 x		35 050 6 x		36 970 1 x		131 998 1 x
	31 891 2 x		35 057 2 x		37 237 17 x		132 223 2 x
	31 915 1 x		35 064 2 x		37 238 7 x		132 226 3 x
	31 916 1 x		35 067 1 x		37 468 20 x		136 775 4 x
	31 981 6 x		35 077 3 x		37 679 1 x		139 645 4 x
	31 982 10 x		35 414 2 x		38 240 5 x		156 042 2 x



**Einzelteilübersicht**  
**Spare parts list**  
**Liste des pièces détachées**

	163 205 6 x
	163 206 6 x
	172 804 8 x

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

	172 805 8 x
	173 042 1 x
	173 044 1 x

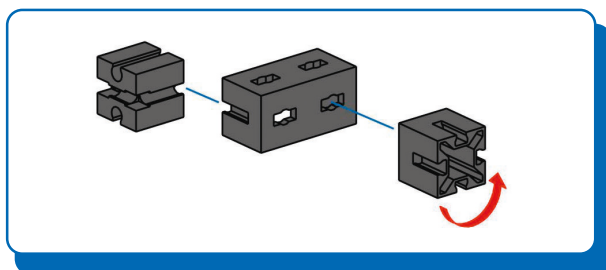
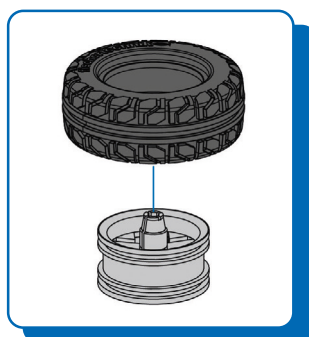
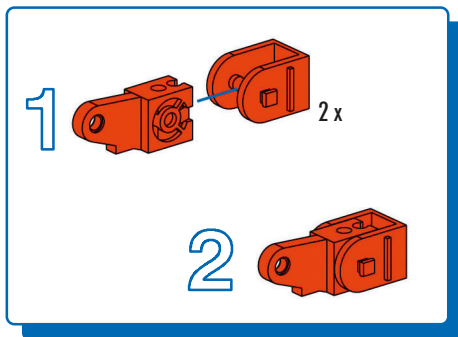
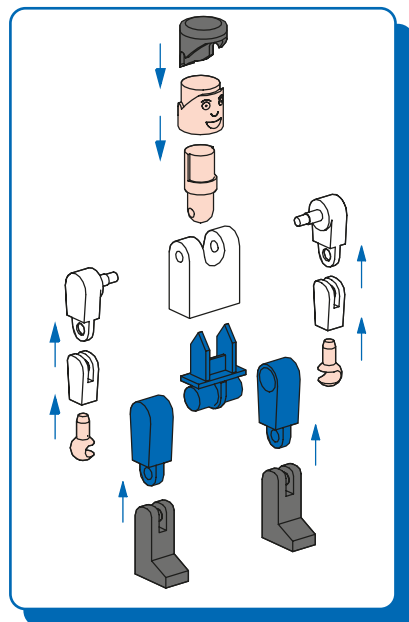
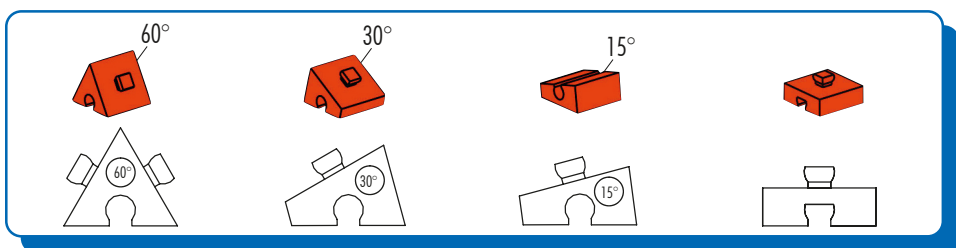
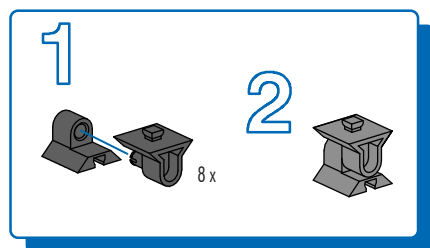
**Singoli componenti**  
**Перечень деталей**  
**零件概览**

	193 428 1 x
	193 429 1 x
	193 716 1 x


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

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

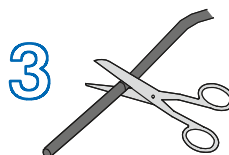
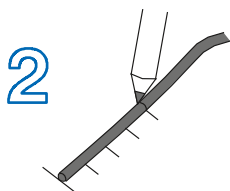
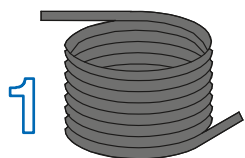
**Consigli per il montaggio**  
**Советы по сборке**  
**装配建议**



Schlauchzuschnitte  
 Hose cut to length  
 Découpes de tuyau

Slangdelen  
 Recortes de tubos flexibles  
 Recortes de mangueira

Spezzoni di tubo  
 Штуцеры  
 软管段

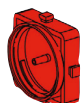
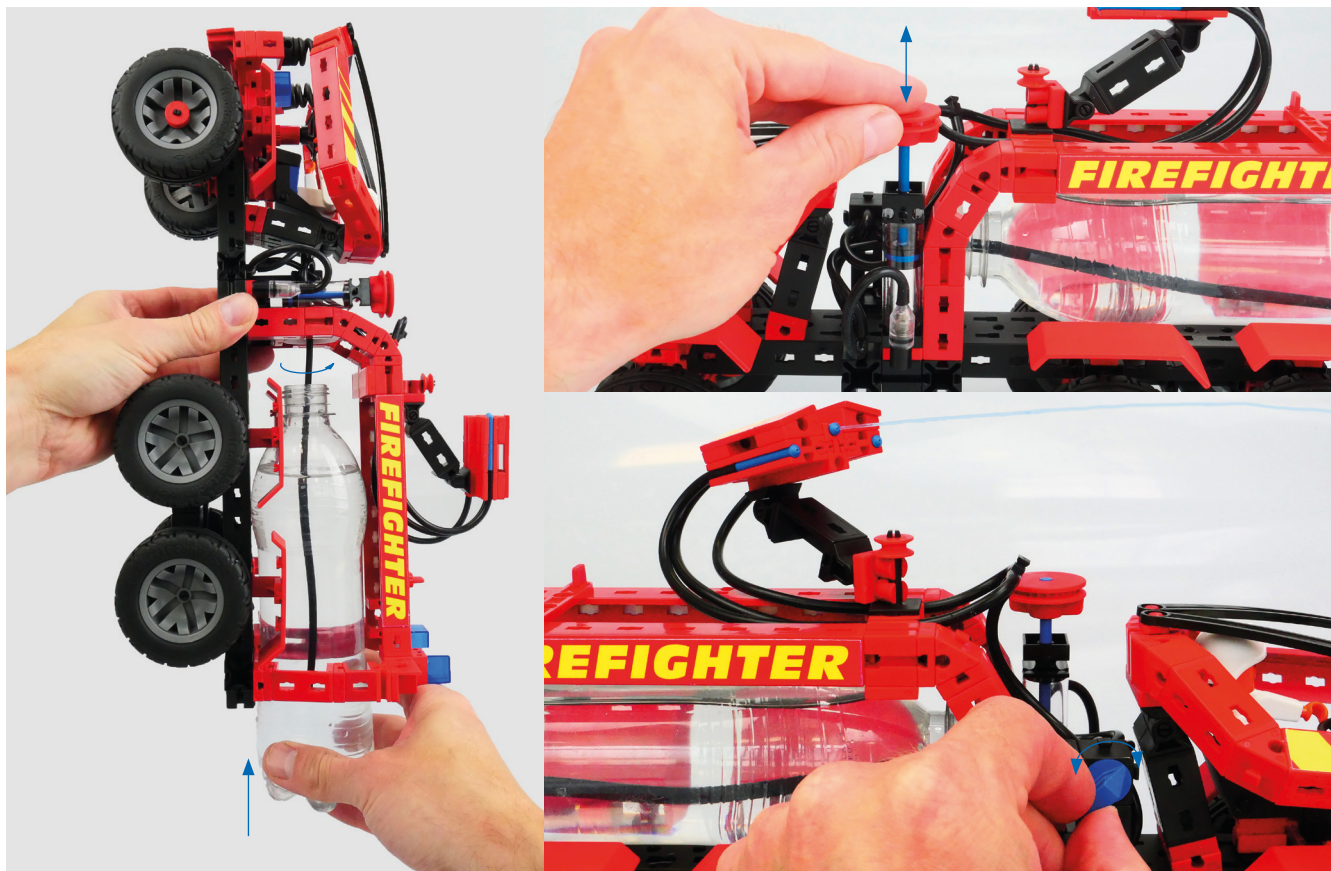


6 x 8 cm  
 3 x 20 cm  
 1 x 28 cm

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

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

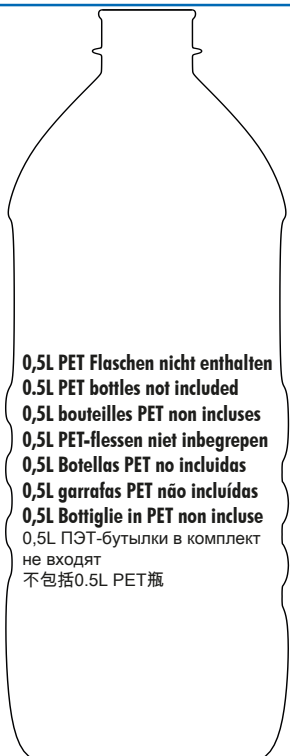


PET Flaschenhalter  
1881 rot



PET Flaschenhalter  
26/22 schwarz

Es gibt 2 verschiedene Gewinde! Bitte ausprobieren, welcher Flaschenhalter zu deiner 0,5 Liter PET Flasche passt.  
 There are 2 different threads! Please try out which bottle holder fits your 0.5 liter PET bottle.  
 Il y a 2 filetages différents ! Essaie pour savoir quel support de bouteille convient pour ta bouteille PET de 0,5 litre.  
 Er zijn 2 verschillende soorten schroefdraad. Gewoon uitproberen welke flessenhouder het beste bij jou fles PET van 0,5 liter past.  
 ¡Hay 2 roscas diferentes! Pruebe cuál portabotellas es el adecuado para su botella PET de 0,5 litros.  
 Há 2 roscas diferentes! Por favor, experimente qual suporte de frascos se adapta ao seu frasco PET de 0,5 litros.  
 Ci sono due filetti diversi! Si prega di verificare quale portabottiglie è adatto alla vostra PET bottiglia PET da 0,5 litri.  
 Существуют две разные резьбы! Проверь, какой флягодержатель подходит к твоей поллитровой ПЭТ фляге.  
 有 2 种不同螺纹！请尝试哪种瓶架适用您的 0.5 升PET瓶子。



0,5L PET Flaschen nicht enthalten  
 0.5L PET bottles not included  
 0,5L bouteilles PET non incluses  
 0,5L PET-flessen niet inbegrepen  
 0,5L Botellas PET no incluidas  
 0,5L garrafas PET não incluídas  
 0,5L Bottiglie in PET non incluse  
 0,5L ПЭТ-бутылки в комплект  
 не входят  
 不包括0.5L PET瓶

**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 a pointes vives indispensables au bon fonctionnement!
- Let op! U kunt zich bezeren aan bouwstenen met scherpe 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 limpas.
- 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：

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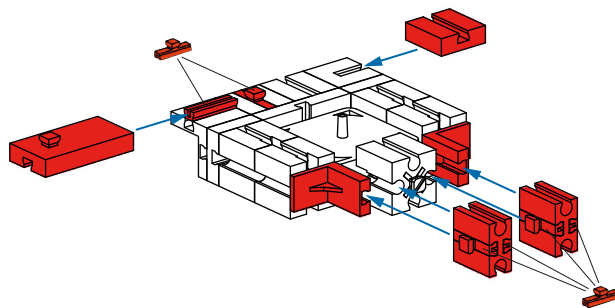
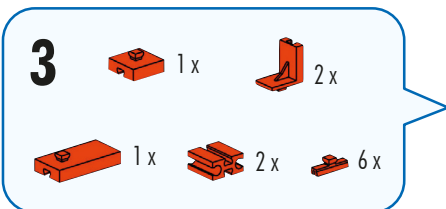
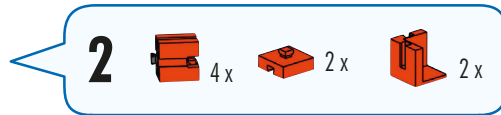
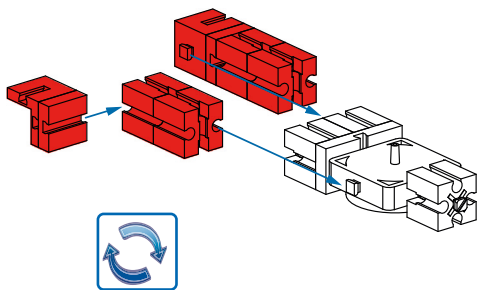
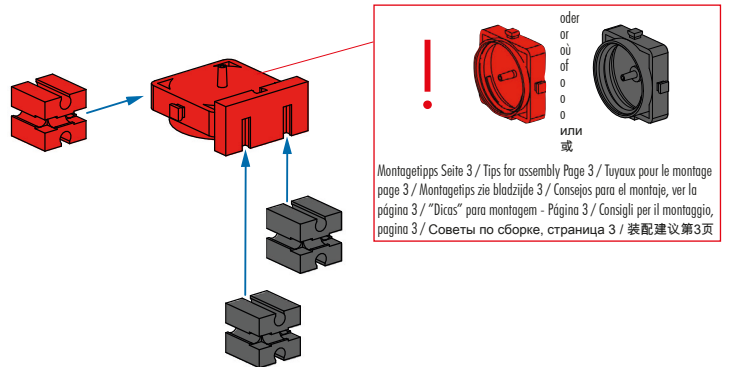
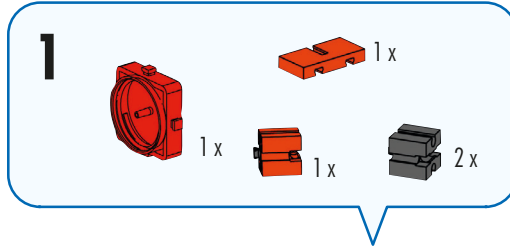
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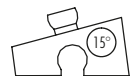
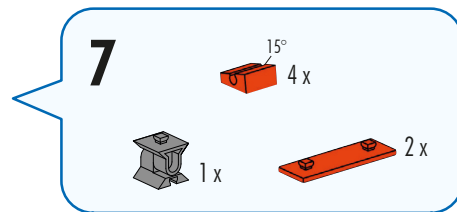
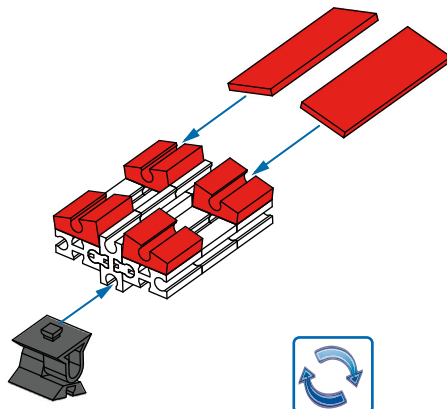
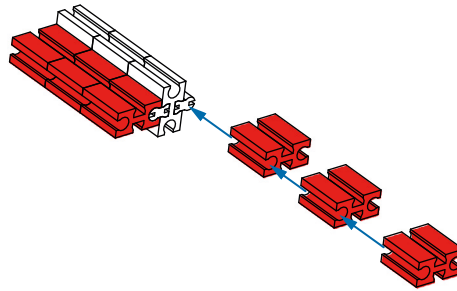
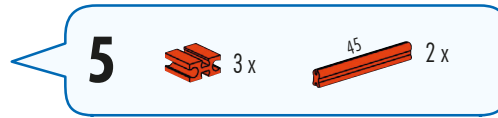
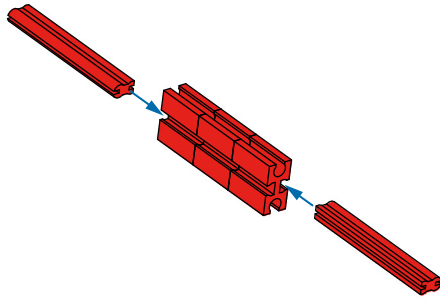
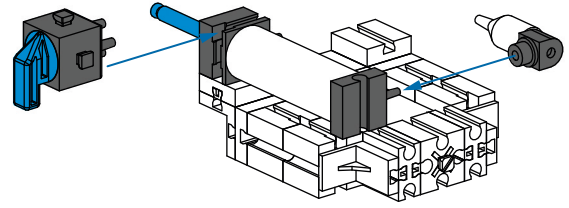
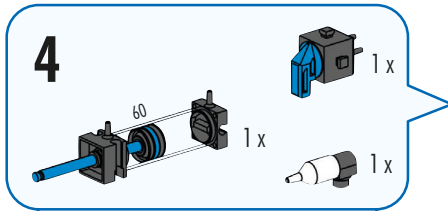


Feuerlöscher  
Fire extinguisher  
Extincteur

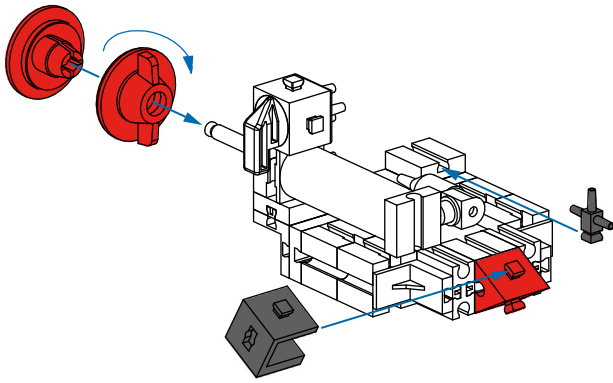
Brandblusser  
Extintor de incendios  
Extintor de incêndio

Estintore  
Огнетушитель  
灭火器



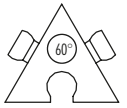




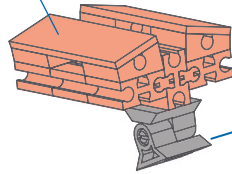


**8**

	1 x		1 x
	1 x		1 x
			1 x

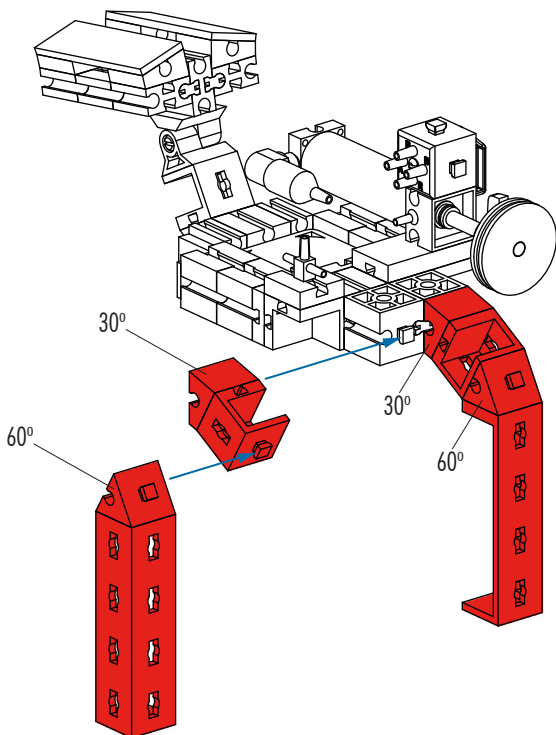
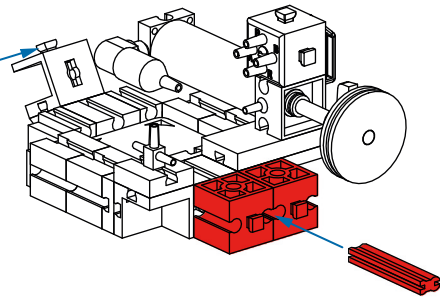


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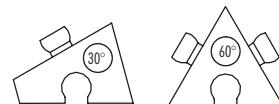
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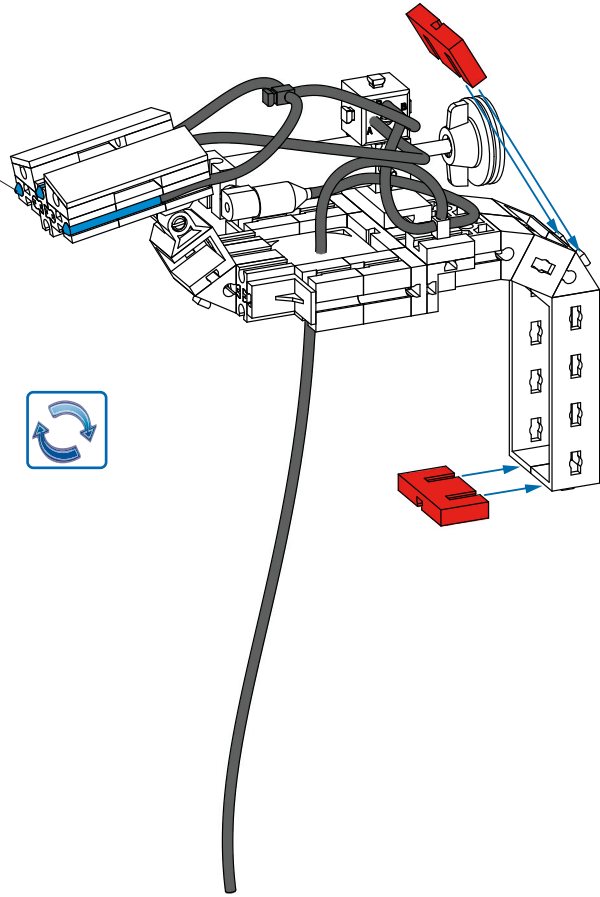
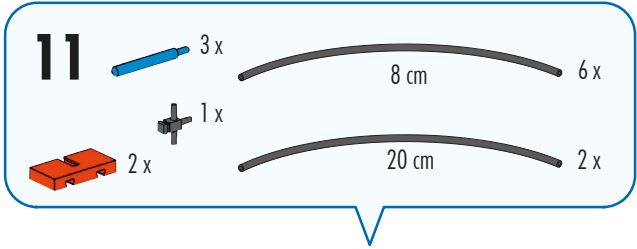
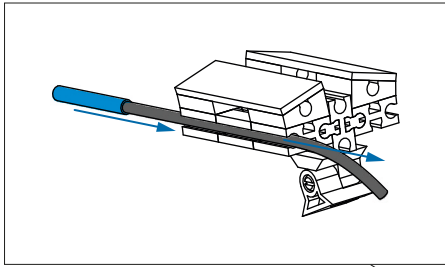
	2 x		1 x
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**10**

	2 x		2 x
	2 x		2 x

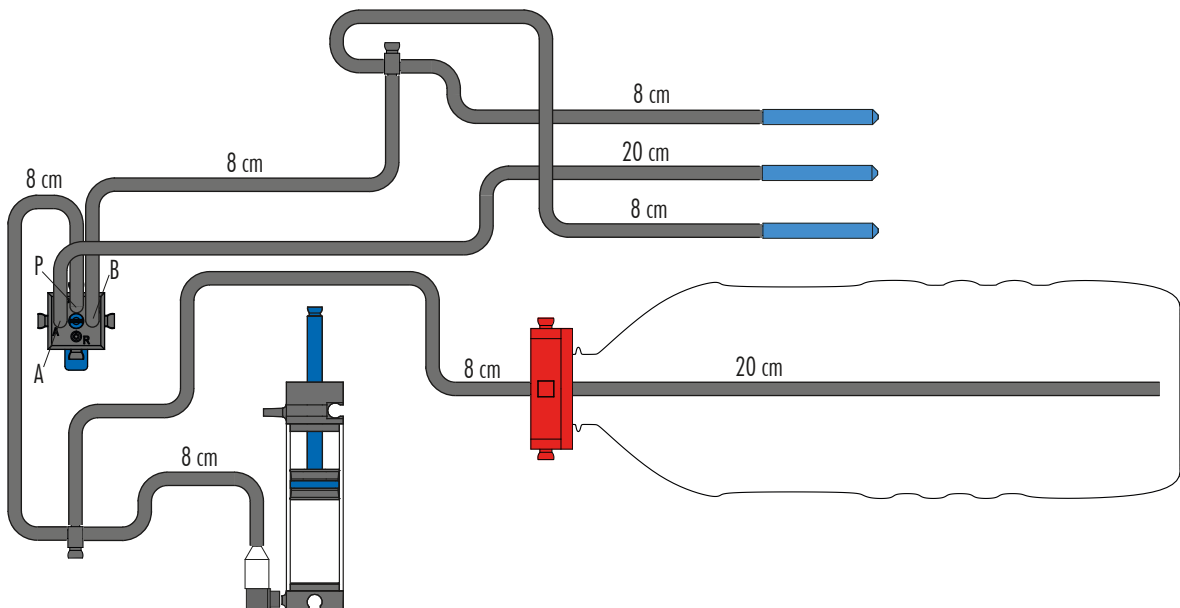




Schlauchanschlussplan  
Air line layout plan  
Plan de raccordement de conduits

Aansluitschema van slang  
Racor de empalme  
Plano de conexão de mangueira

Schema di allacciamento tubi  
Схема подключения шлангов  
软管连接图





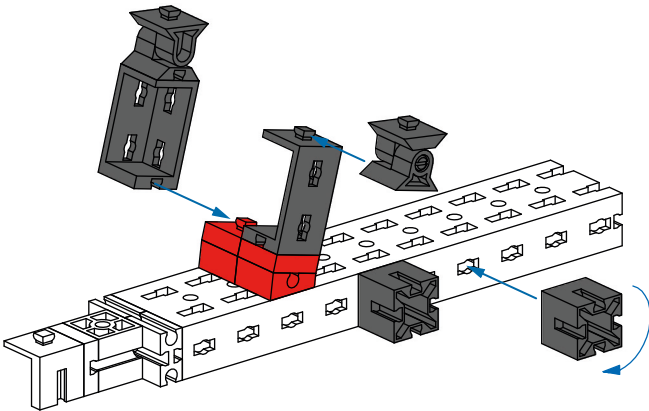
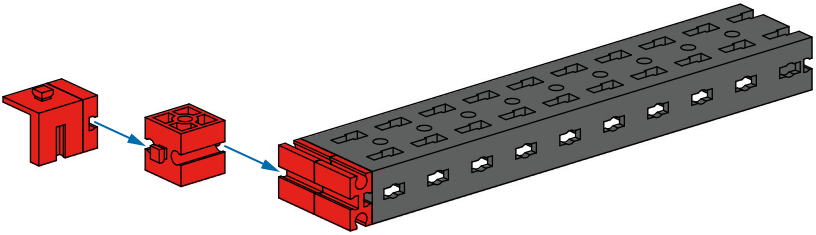


Löschfahrzeug  
Fire engine  
Véhicule de lutte contre  
les incendies

Brandweerwagen  
Camión de bomberos  
Motor de incêndio  
Camion dei pompieri

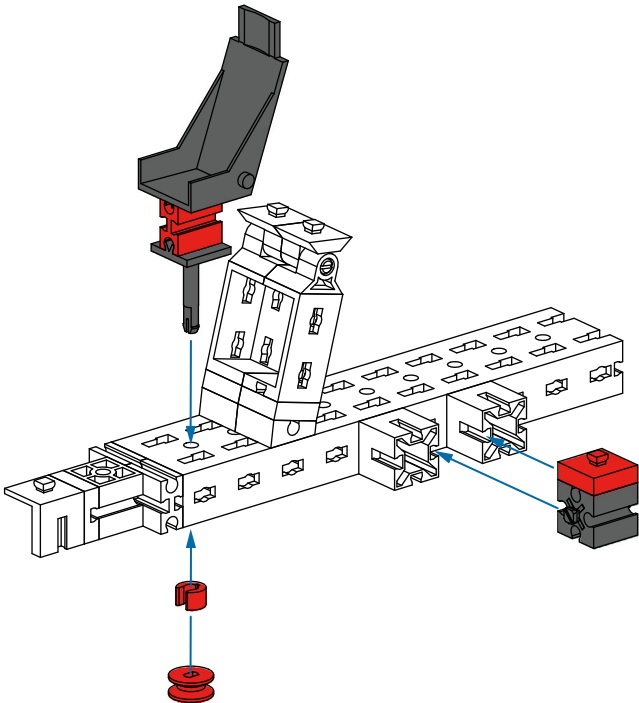
Пожарная машина  
消防车

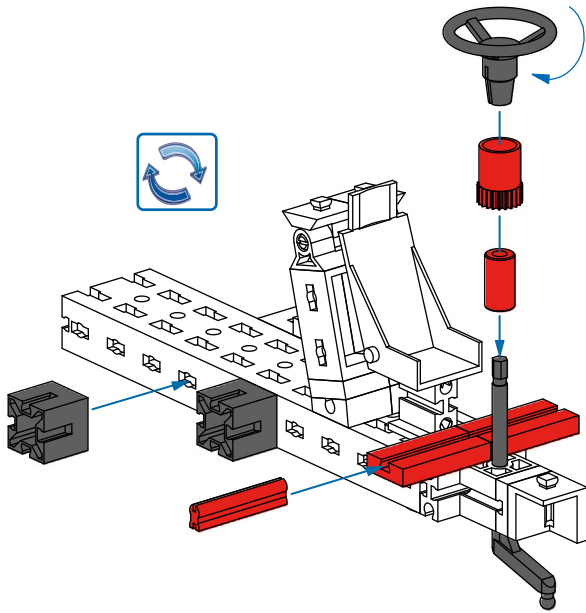
**1**



**2**

**3**



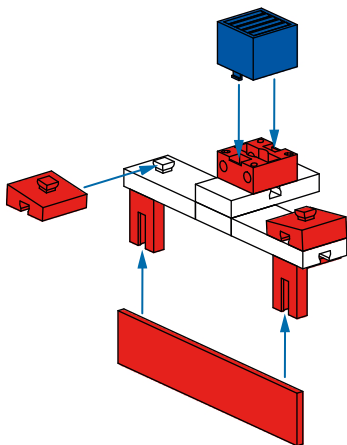
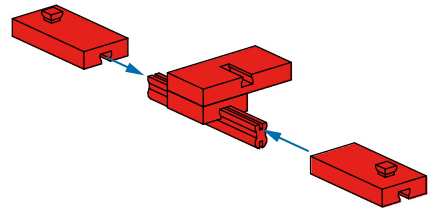


**4**

- 2x Grey Technic Axle Connector
- 2x Red Technic 1x3 Brick
- 1x Red Technic Pin
- 1x Grey Steering Wheel
- 1x Grey Technic L-Arm
- 1x Red Technic Pin with Friction Ridge
- 1x Red Technic 30 Pin

**5**

- 2x Red Technic 1x3 Brick
- 1x Red Technic 45 Pin
- 1x Red Technic 1x3 Brick
- 1x Red Technic 1x2 Brick

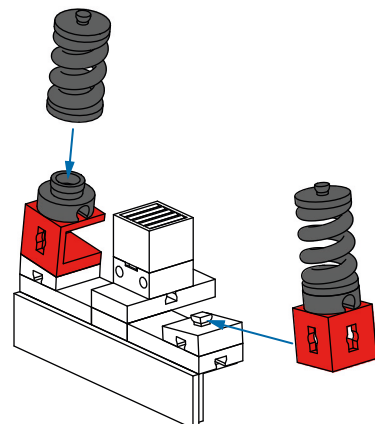


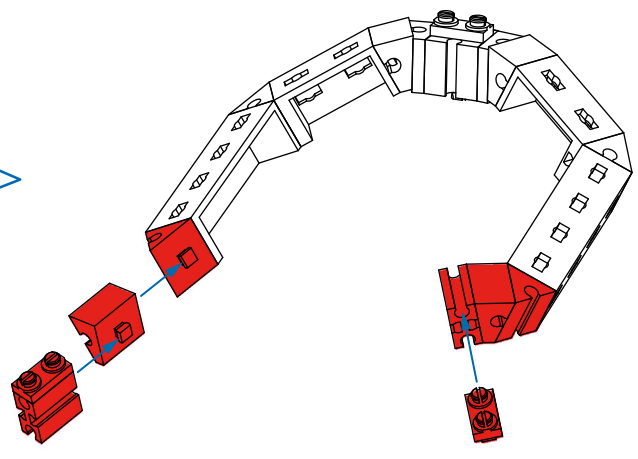
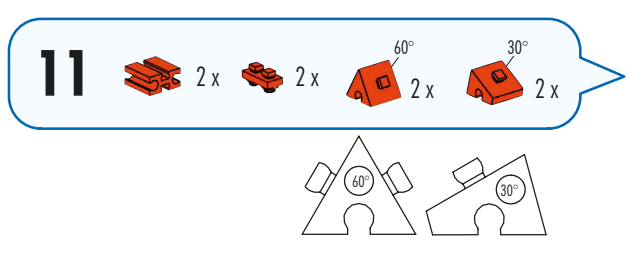
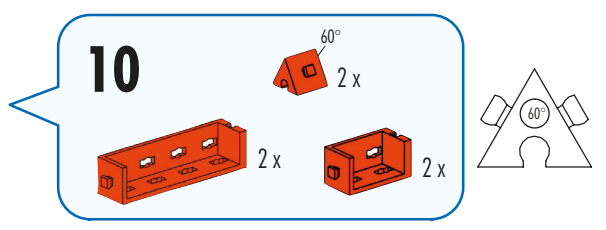
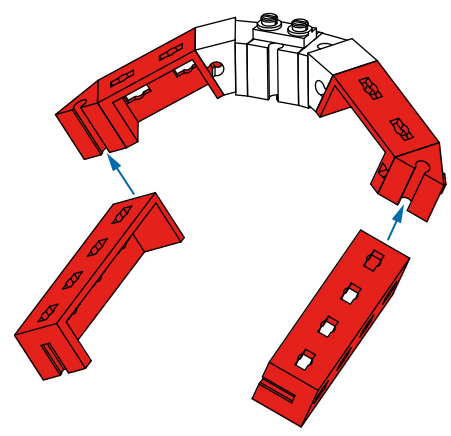
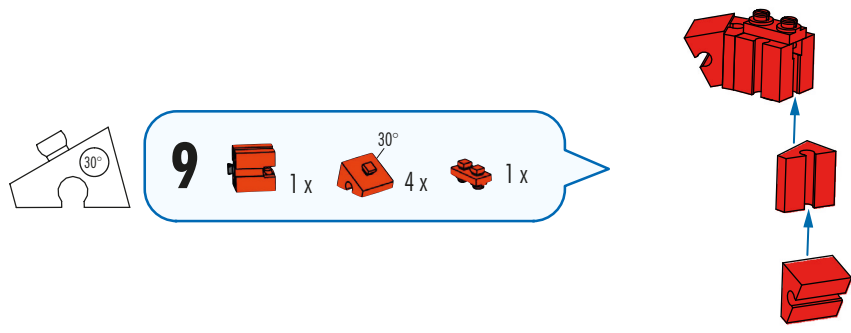
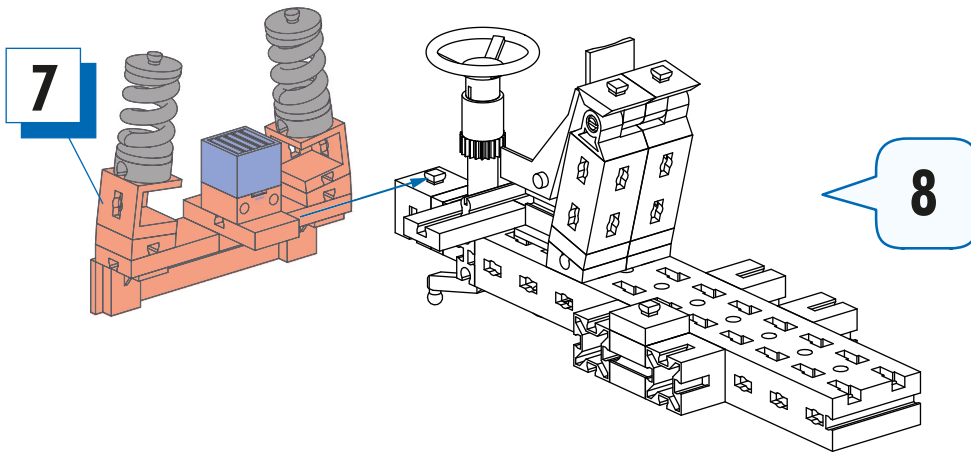
**6**

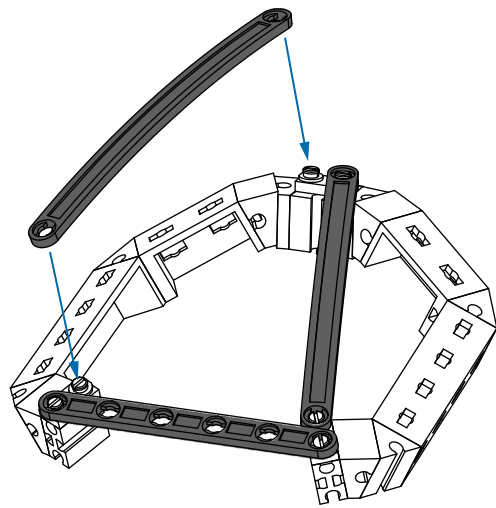
- 1x Red Technic 1x3 Brick
- 1x Blue Technic 2x2 Block
- 1x Red Technic 1x7 Brick
- 2x Red Technic 7.5° Bump
- 2x Red Technic 1x2 Brick with Bump

**7**

- 2x Grey Technic Spring
- 2x Grey Technic Pin
- 2x Red Technic 1x2 Brick







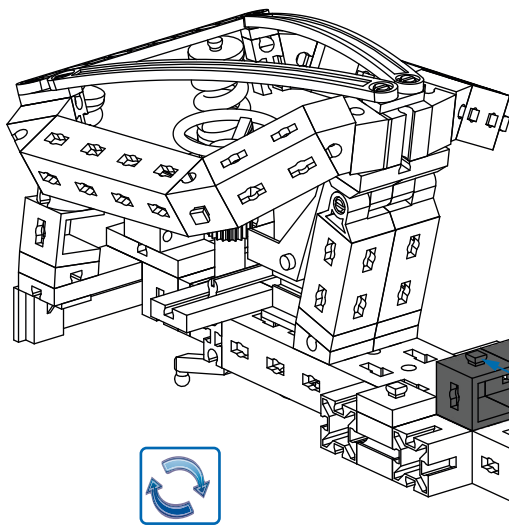
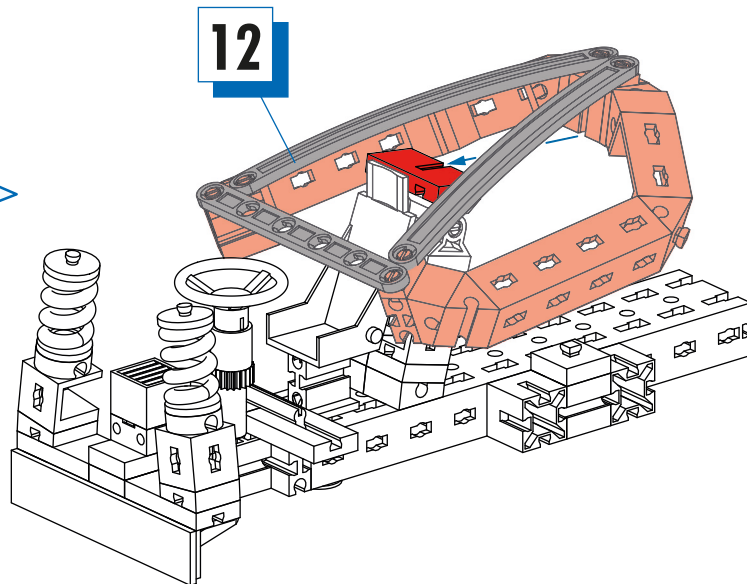
**12**

106 2 x

75 1 x

**13**

1 x



**14**

1 x

2 x

1 x



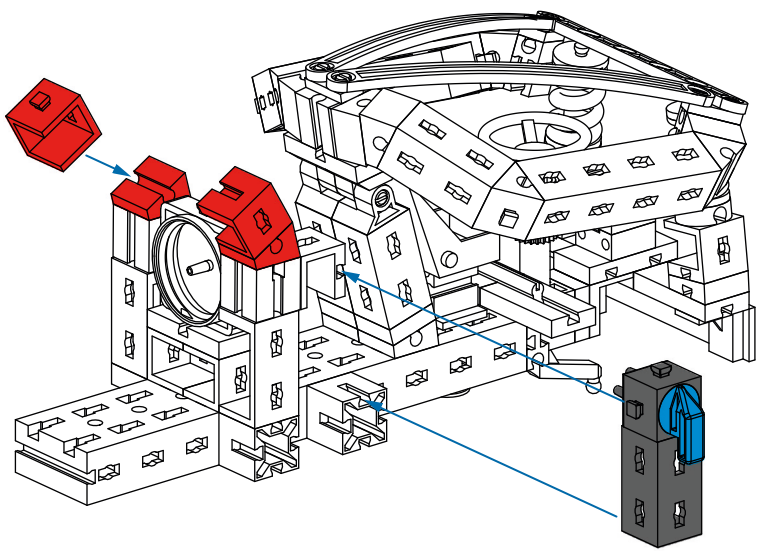
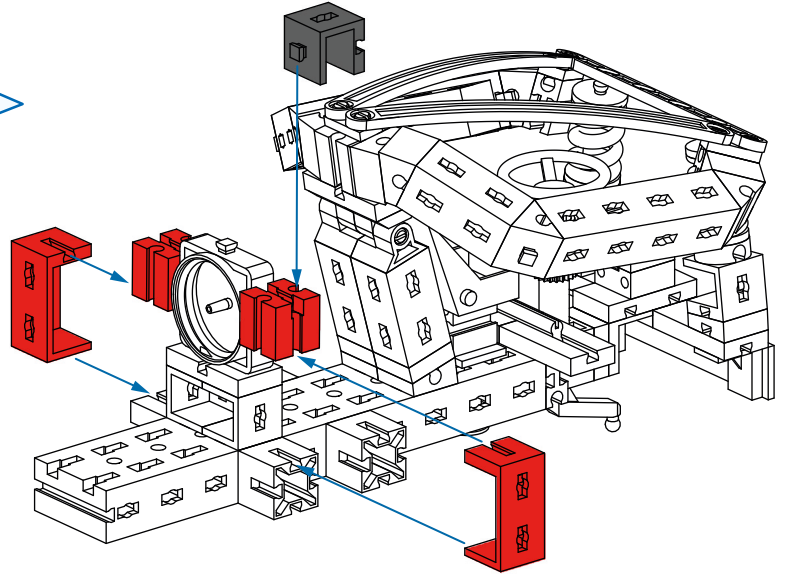
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Montagetipps Seite 2 / Tips for assembly Page 2 / Tuyaux pour le montage page 2 / Montagetips zie bladzijde 2 / Consejos para el montaje, ver la página 2 / "Dicas" para montagem - Página 2 / Consigli per il montaggio, pagina 2 / Советы по сборке, страница 2 / 装配建议第2页

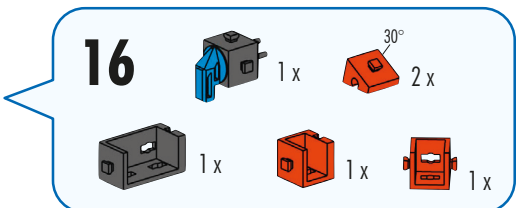
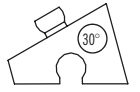
15

- 2x
- 2x
- 1x



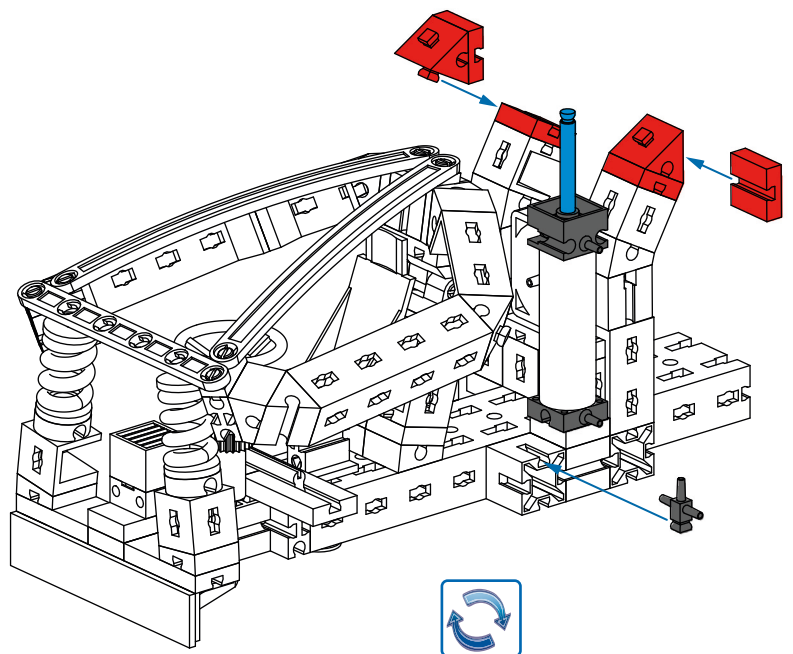
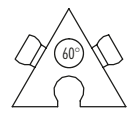
16

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

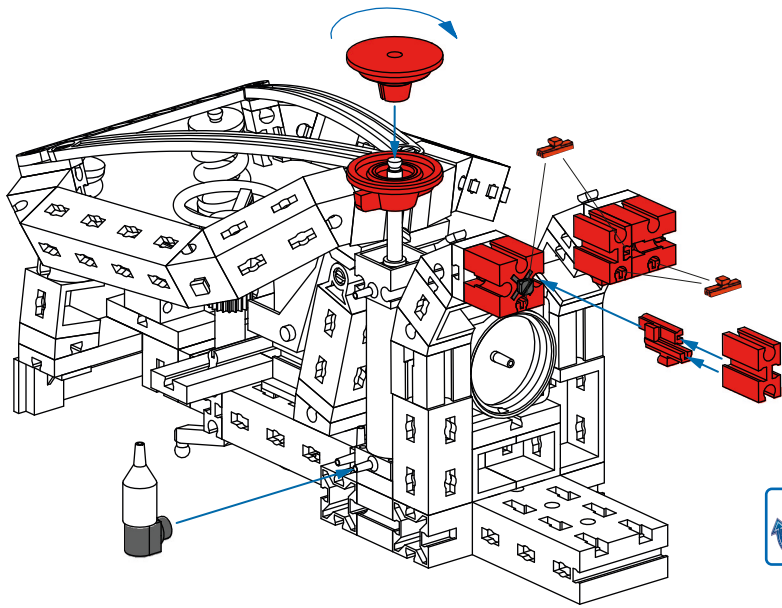


17







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

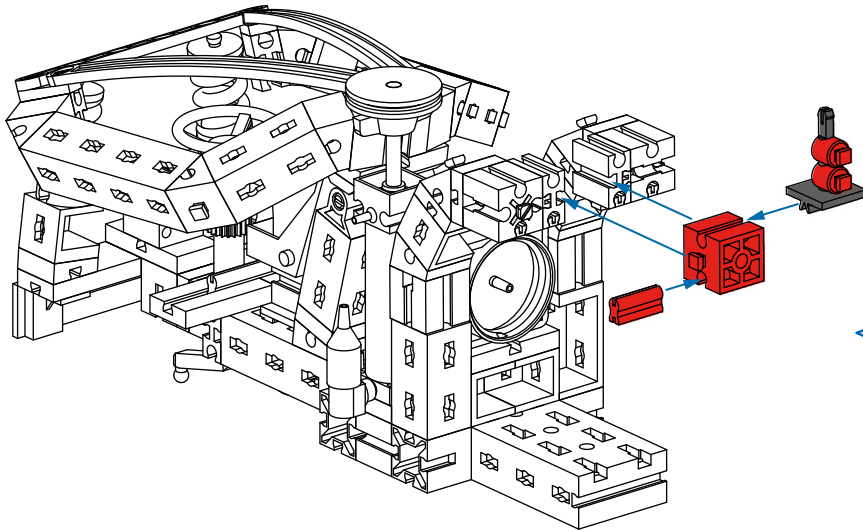










**18**





-  1x
-  1x
-  6x
-  1x
-  2x
-  2x

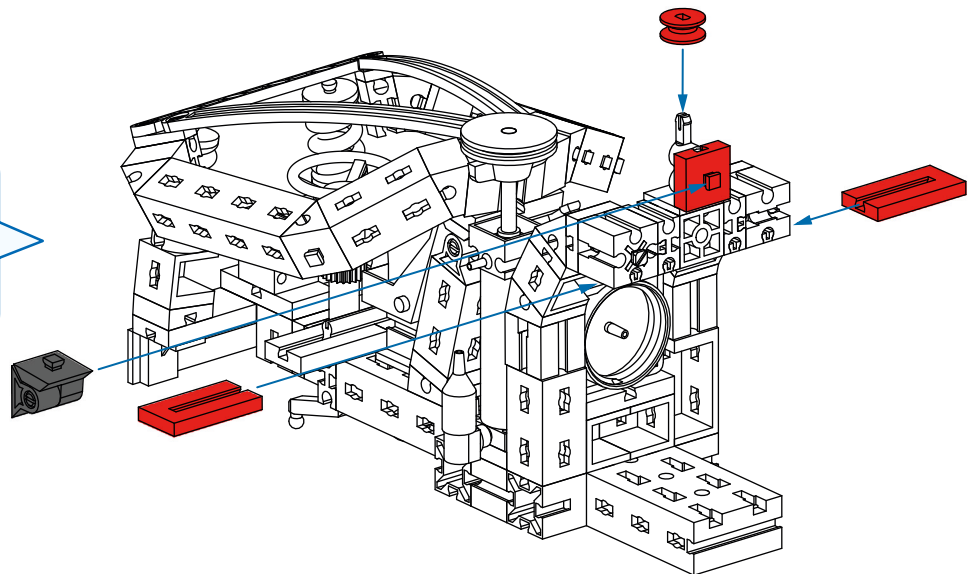


**19**

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

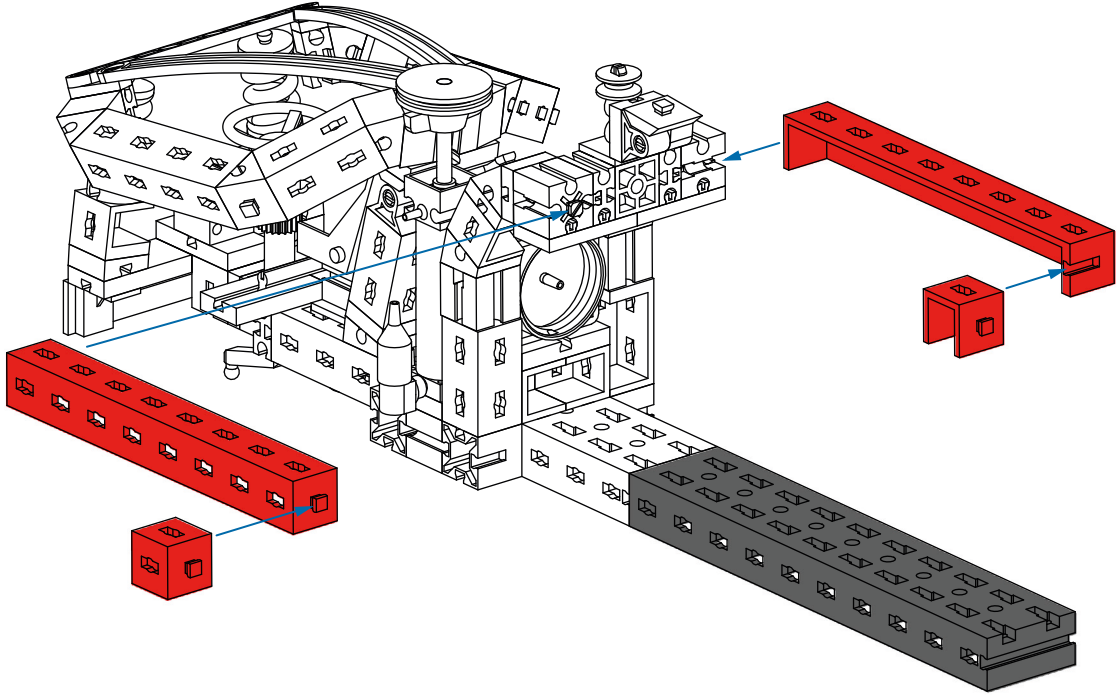
**20**

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



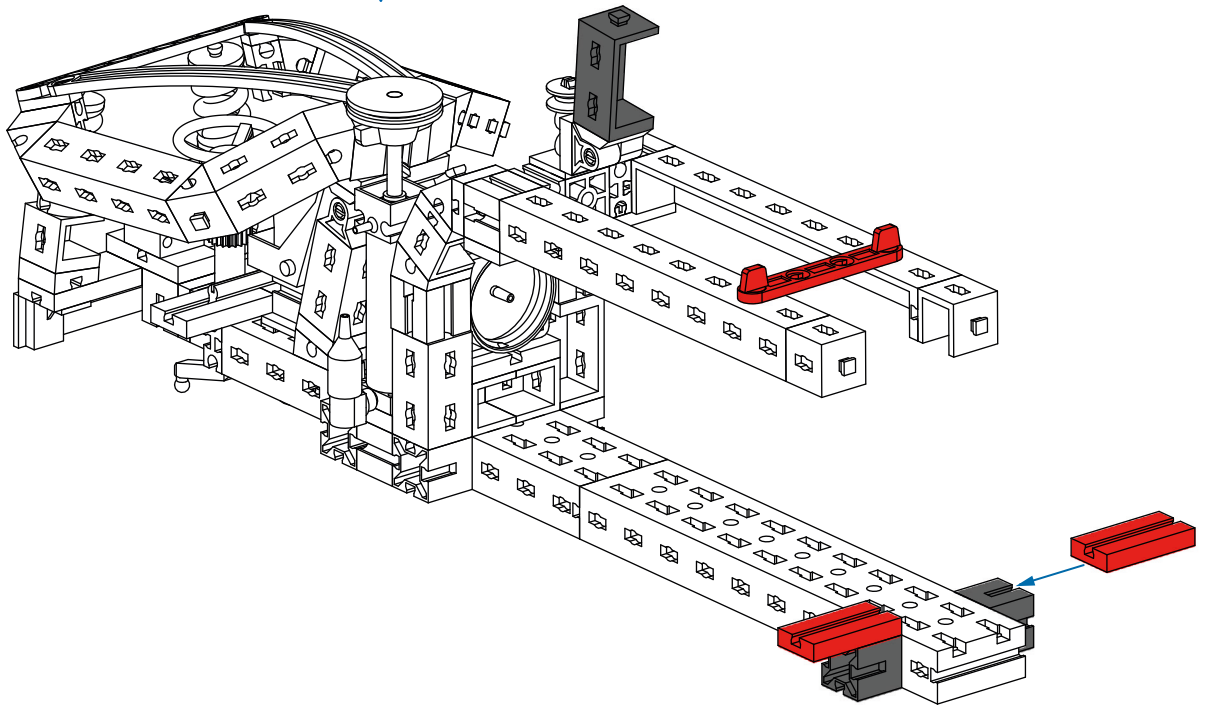
**21**

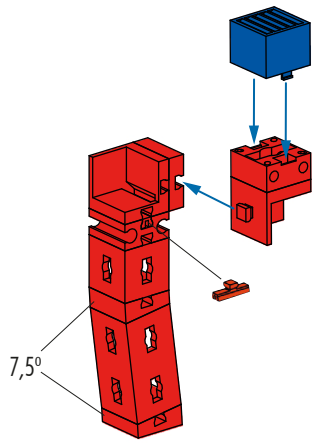
- 1x (Black Technic Beam 11-hole)
- 2x (Red Technic Beam 11-hole)
- 1x (Red Technic Pin)
- 1x (Red Technic Pin)



**22**

- 2x (Black Technic Pin)
- 2x (Red Technic Pin)
- 1x (Black Technic Pin)
- 1x (Red Technic Pin 45)
- 2x (Red Technic Pin)





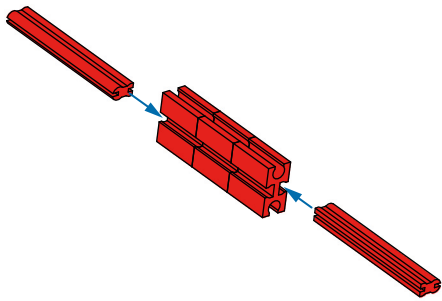
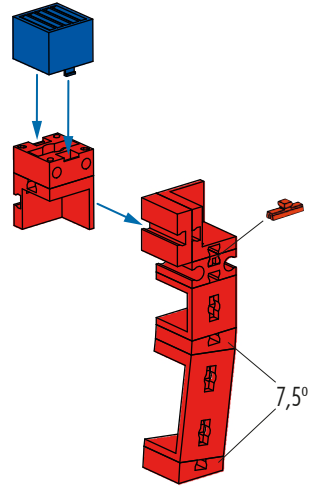
**23**

- 2x (Red L-shaped Technic brick)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 1x (Blue Technic brick)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 2x (Red Technic brick with 2 holes, 7,5°)



**24**

- 2x (Red L-shaped Technic brick)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 1x (Blue Technic brick)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 1x (Red Technic brick with 2 holes)
- 2x (Red Technic brick with 2 holes, 7,5°)

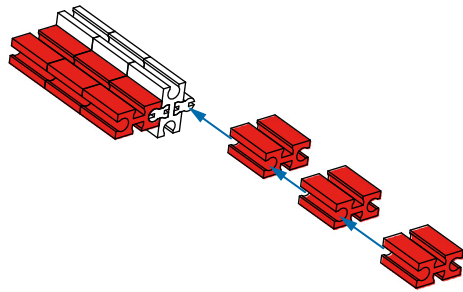


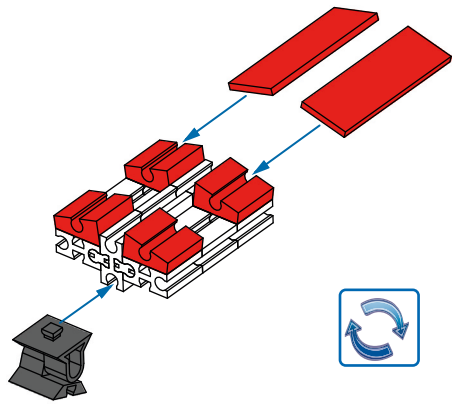
**25**

- 3x (Red Technic beam)
- 2x (Red Technic beam, 45)

**26**

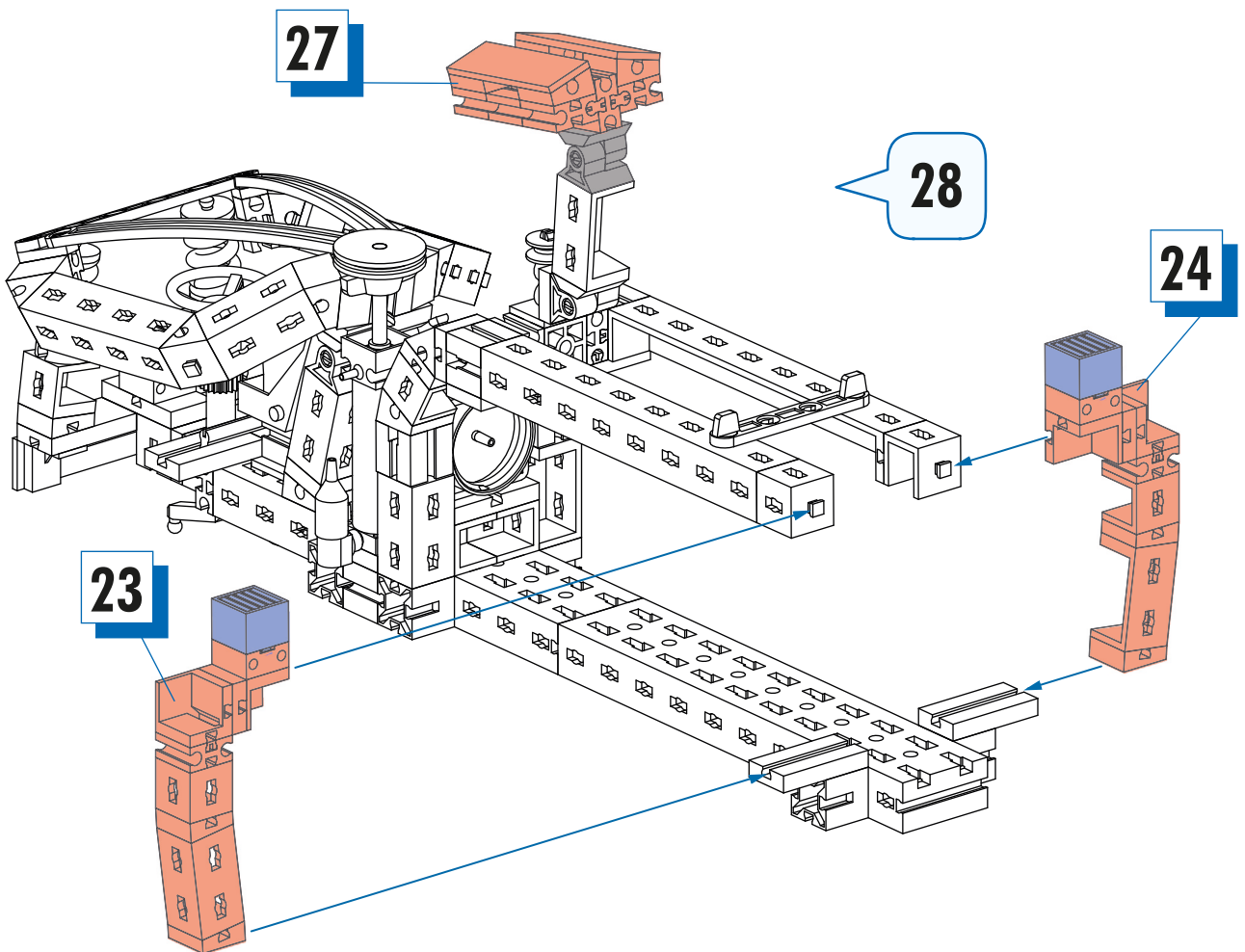
- 6x (Red Technic beam)





**27**

- 15° 4 x
- 1 x
- 2 x



29



2x



1x



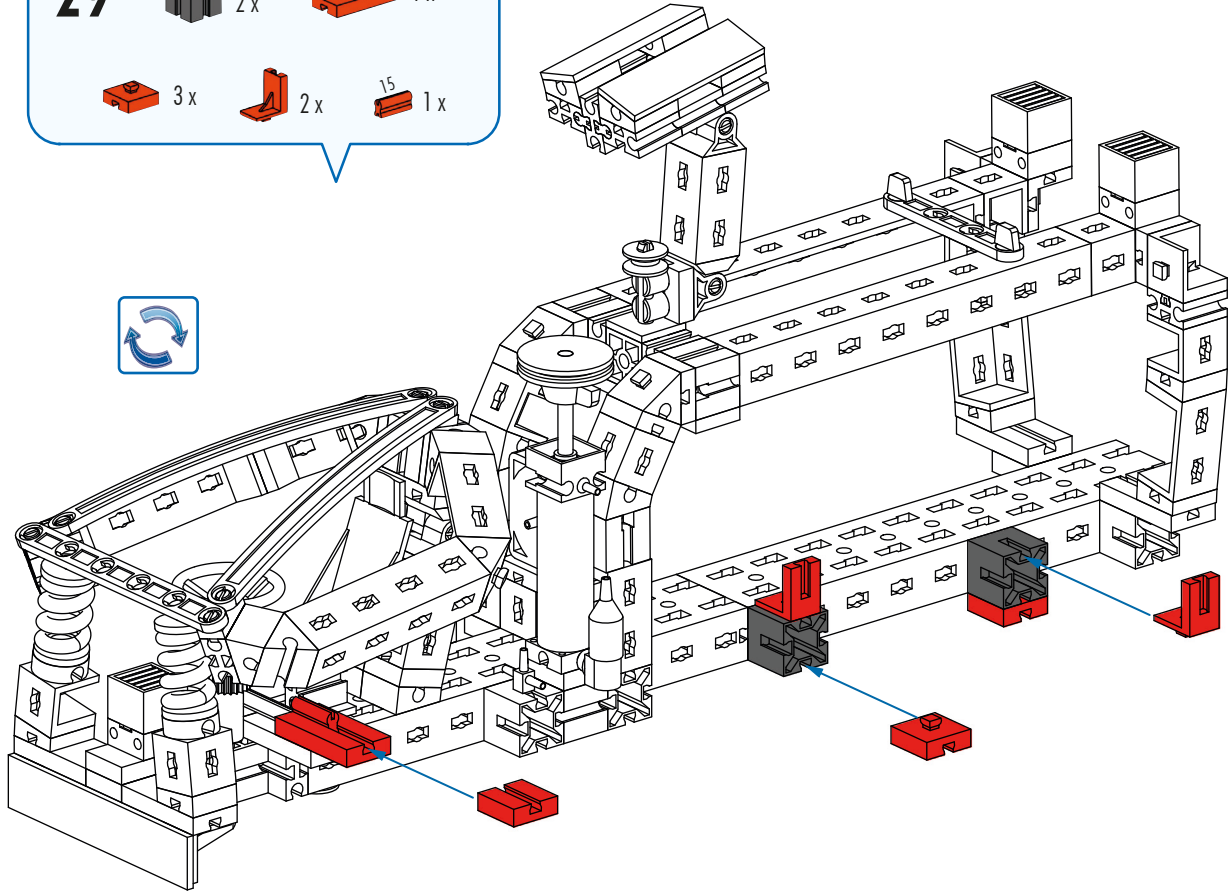
3x



2x



1x



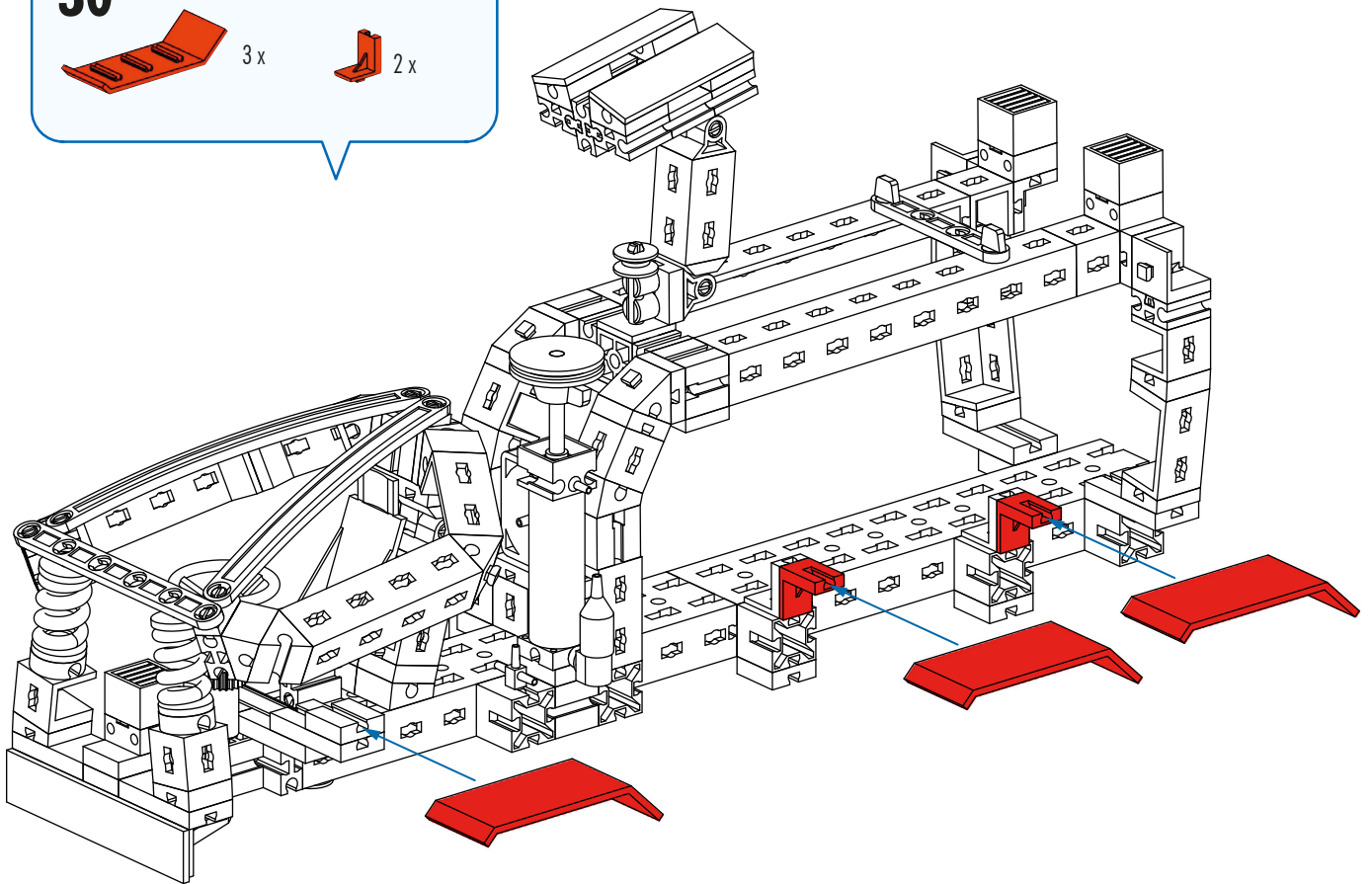
30



3x

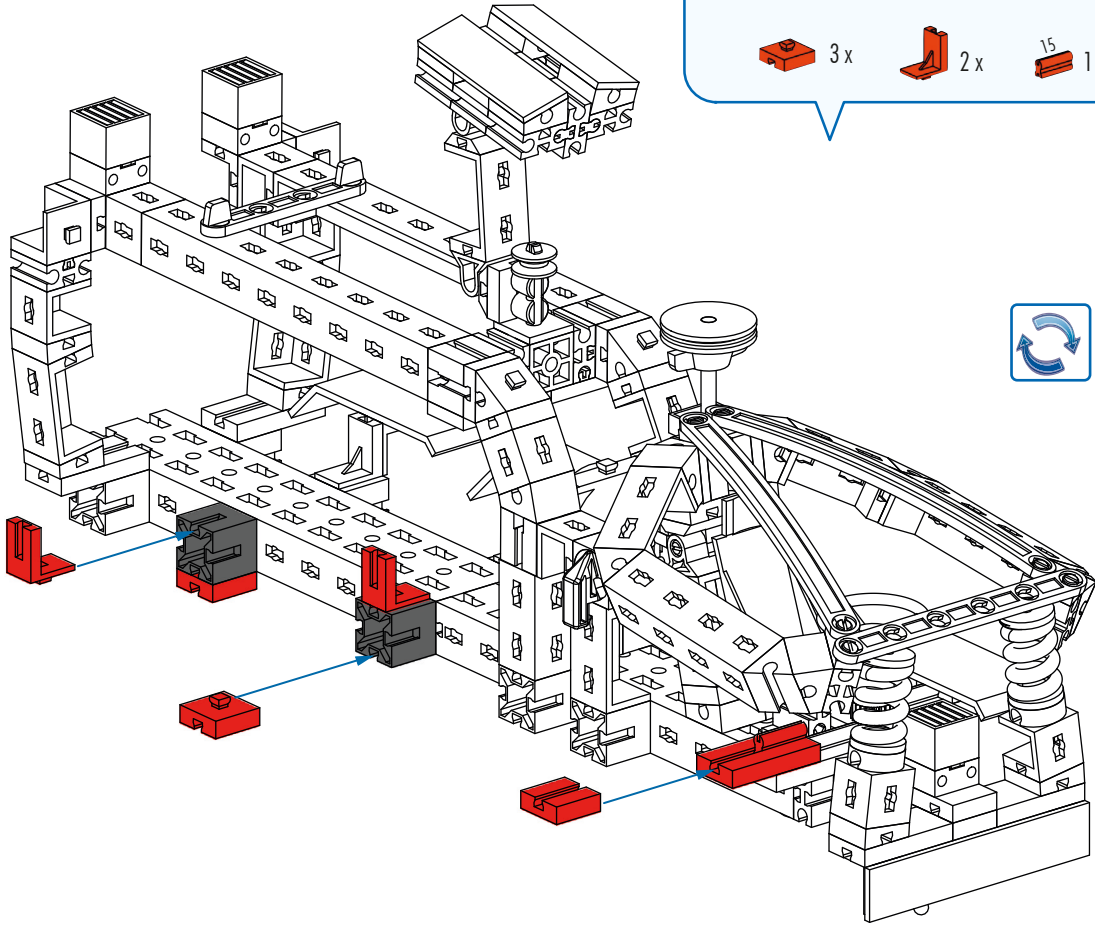


2x



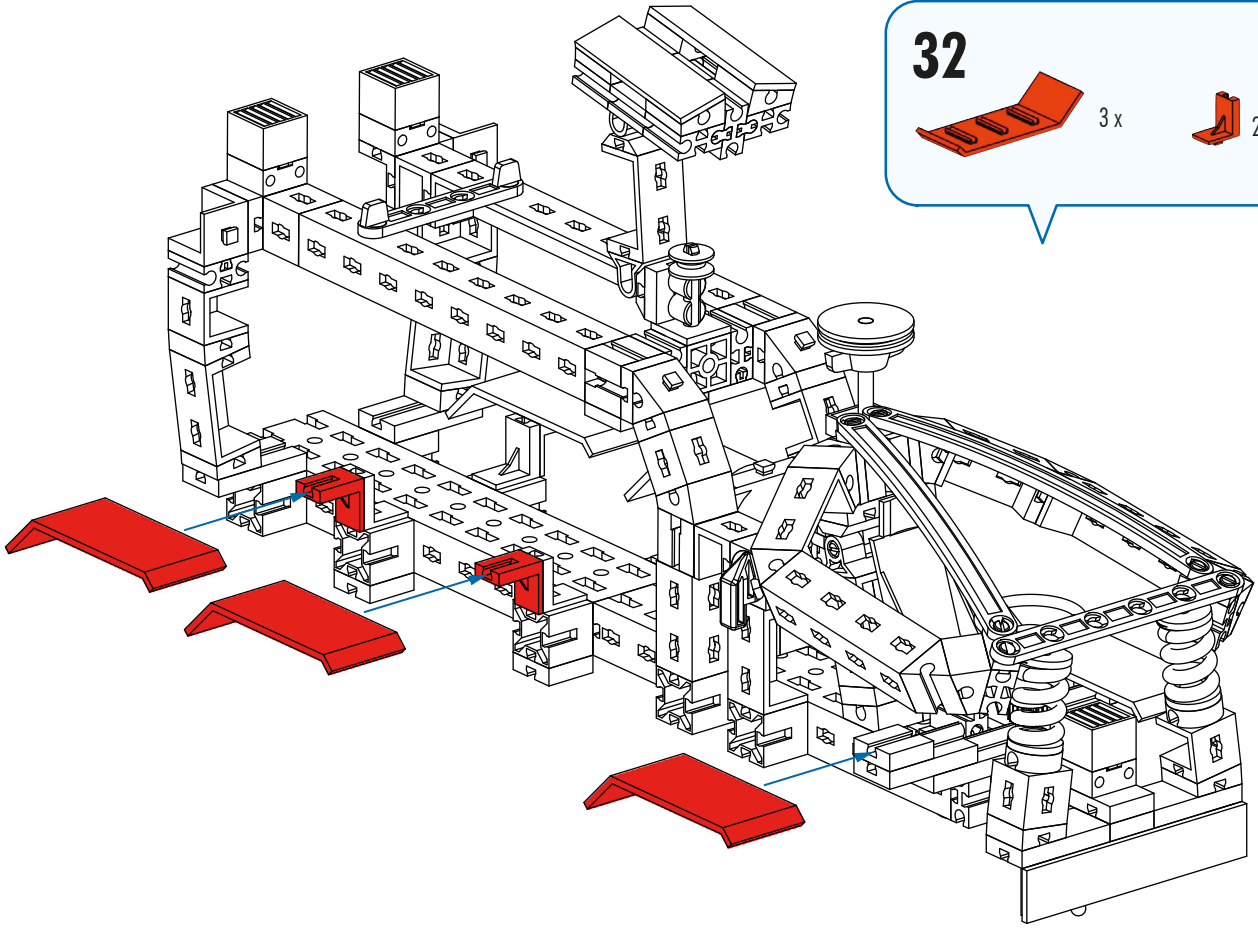
**31**

- 2x
- 1x
- 3x
- 2x
- 1x



**32**

- 3x
- 2x

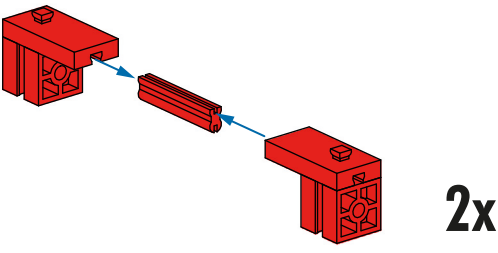


**33**

30 2 x

4 x

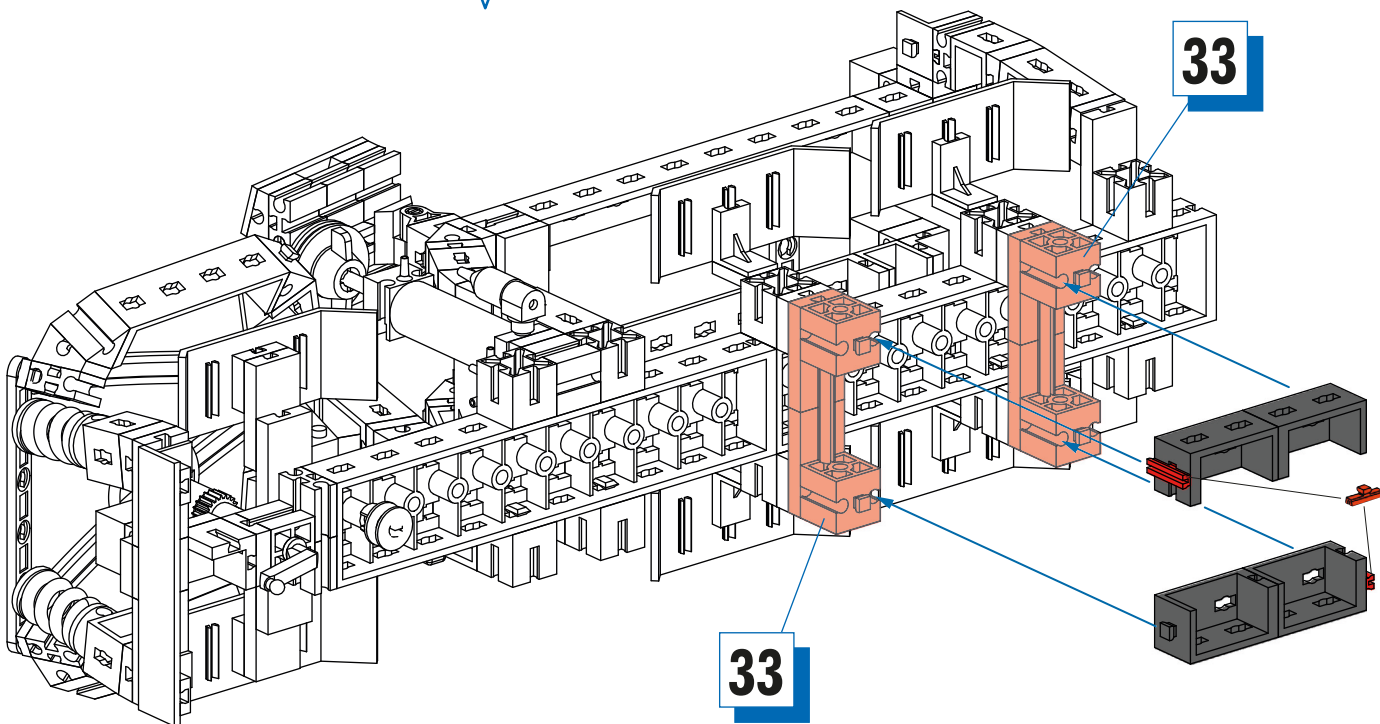
4 x



**34**

4 x

2 x



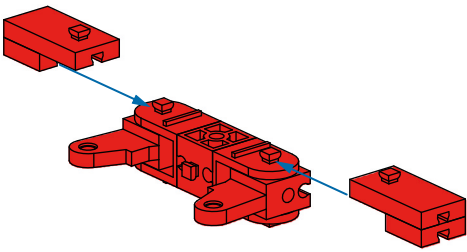
**35**

1 x

2 x

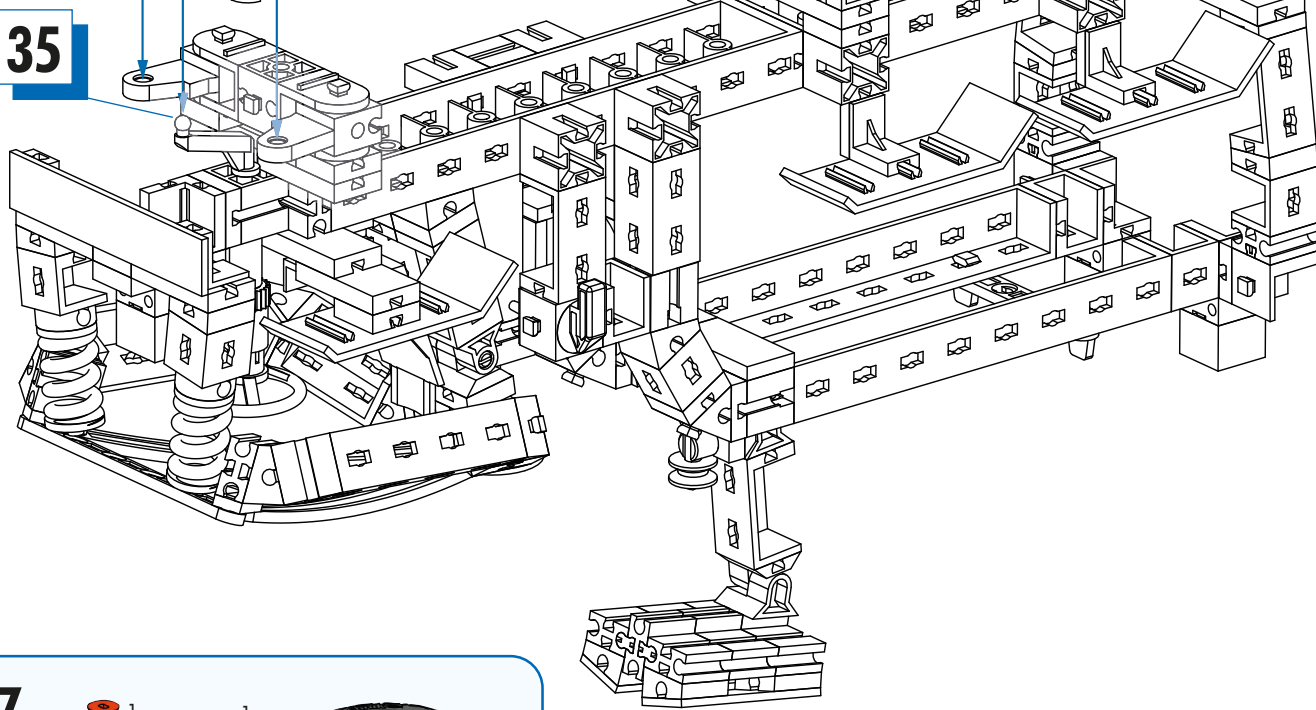
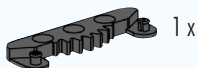
2 x

2 x



35

36



37

1x



1x



3x

98

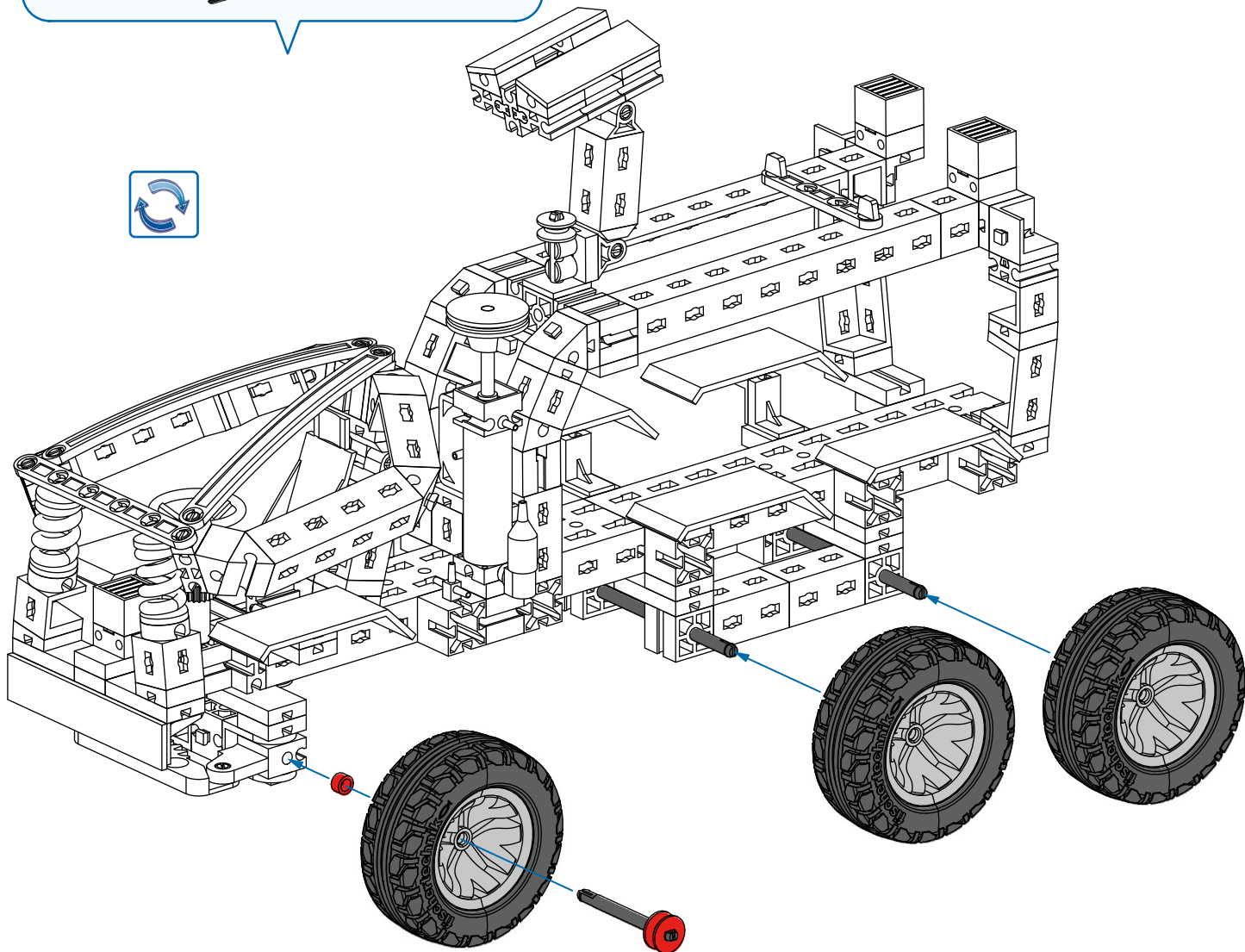
2x

45

1x

45 mm

98 mm

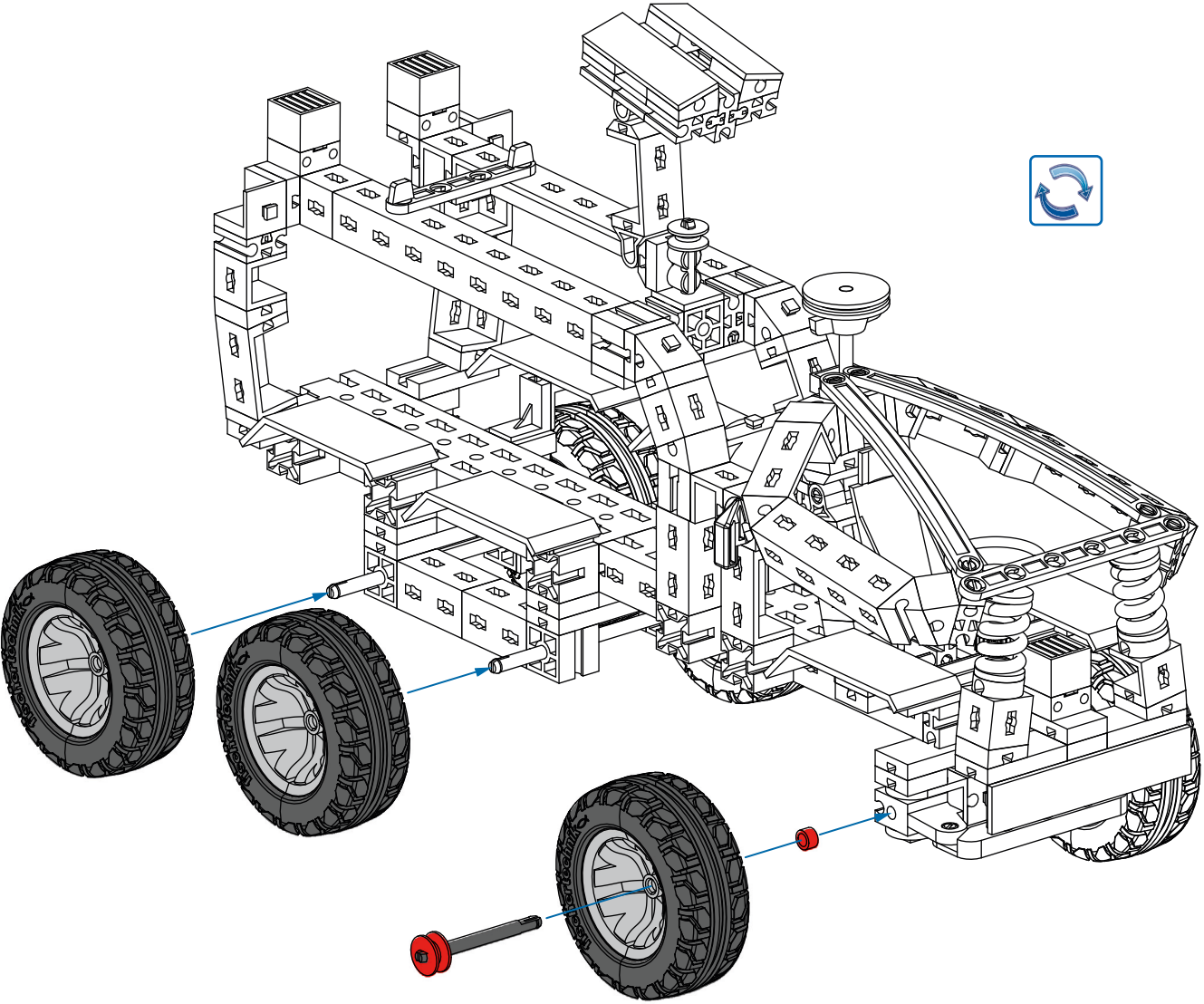


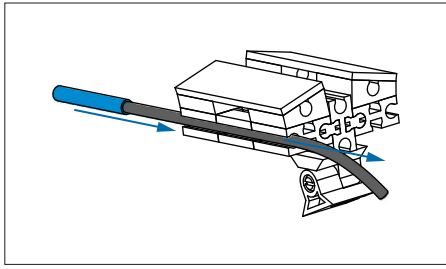


45 mm

**38**

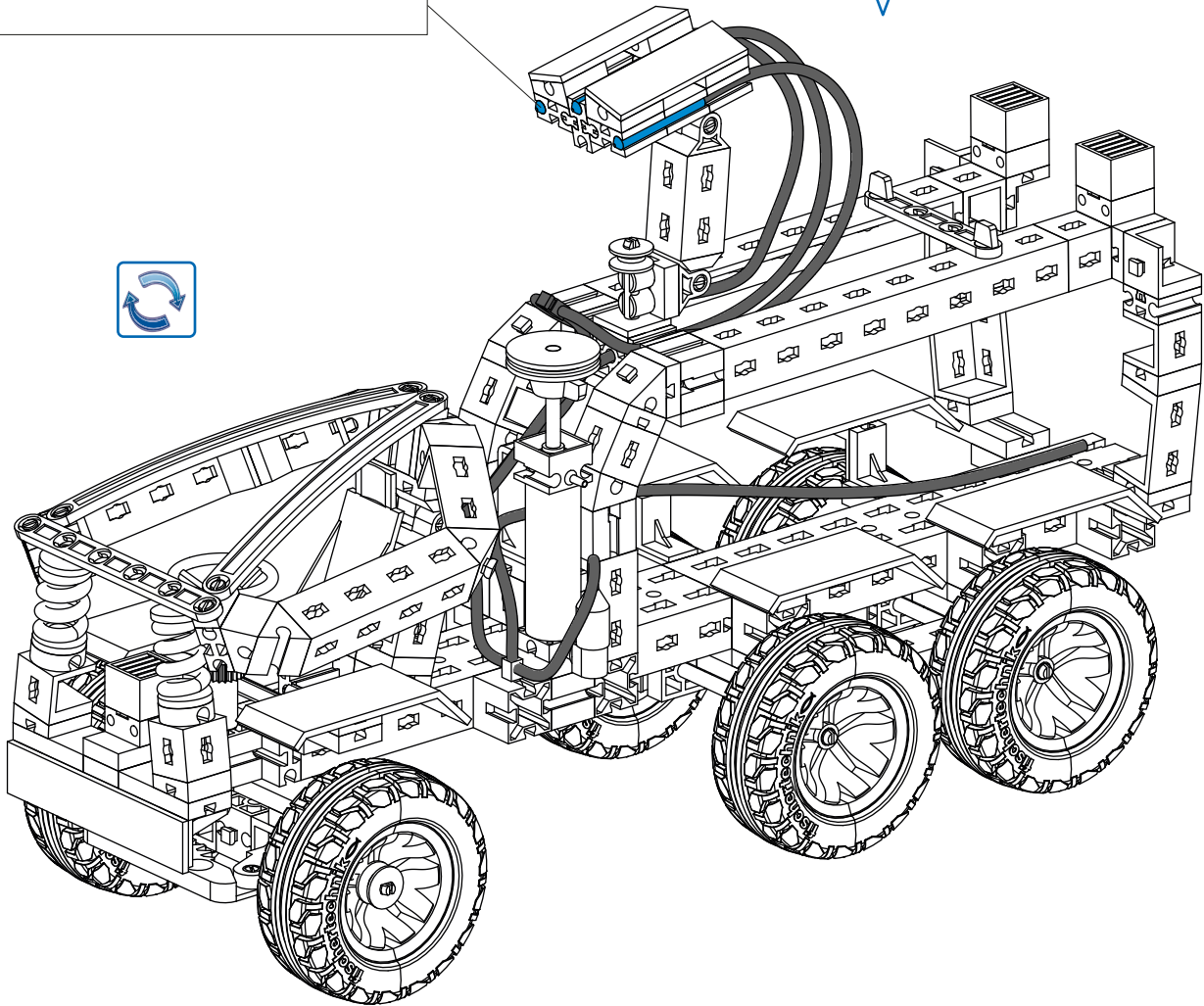
- 1 x [Red bush]
- 3 x [Black tire]
- 1 x [45mm axle]
- 1 x [Red bush]





**39**

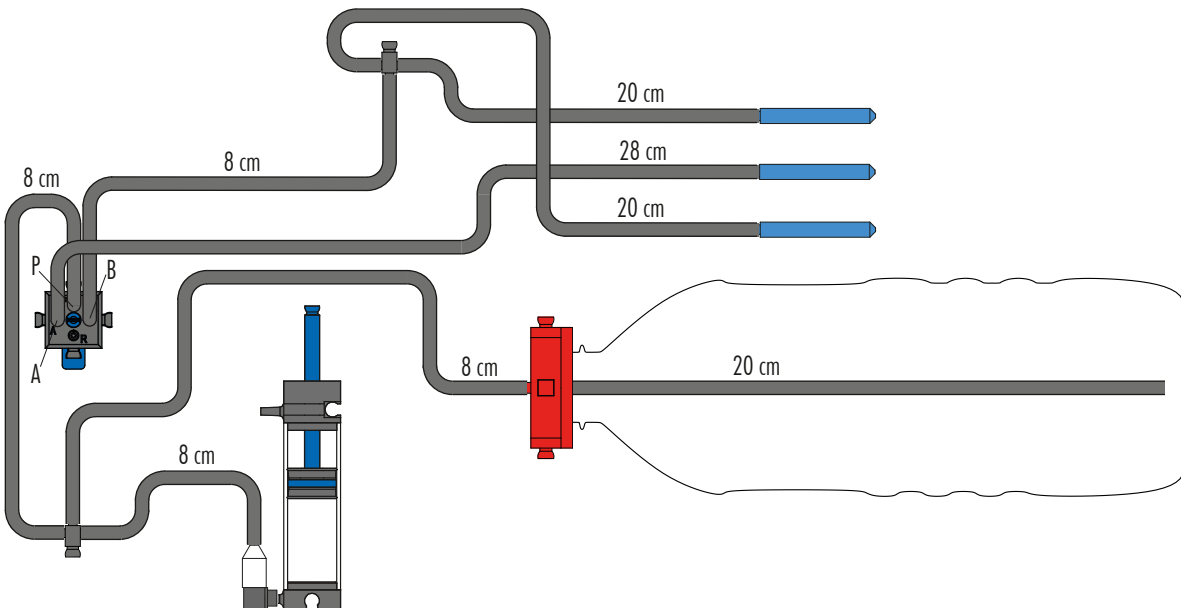
- 8 cm 4 x
- 20 cm 3 x
- 28 cm 1 x
- 3 x (blue tube)
- + 1 x (connector)



Schlauchanschlussplan  
Air line layout plan  
Plan de raccordement de conduits

Aansluitschema van slang  
Racor de empalme  
Plano de conexão de mangueira

Schema di allacciamento tubi  
Схема подключения шлангов  
软管连接图



40



**FIREFIGHTER**



**FIREFIGHTER**



1 x

Art.-Nr. 193716  
fischertechnik





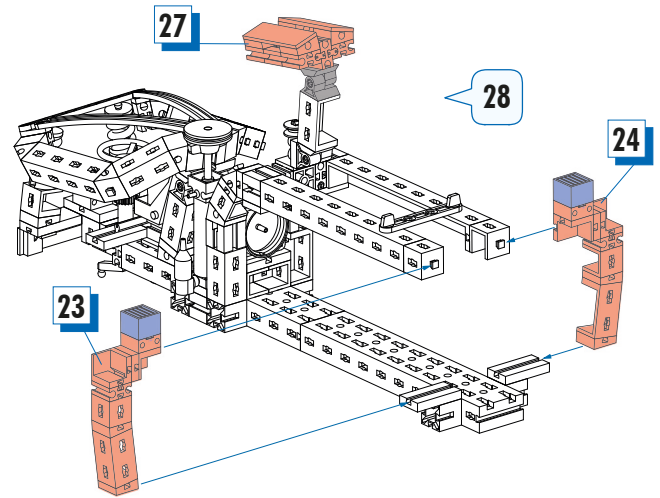
Löschboot  
Fireboat  
Bateau de lutte contre  
l'incendie

Brandweerboot  
Barco de fuego  
Barco de bombeiros  
Barca dei pompieri

Пожарная лодка  
消防船

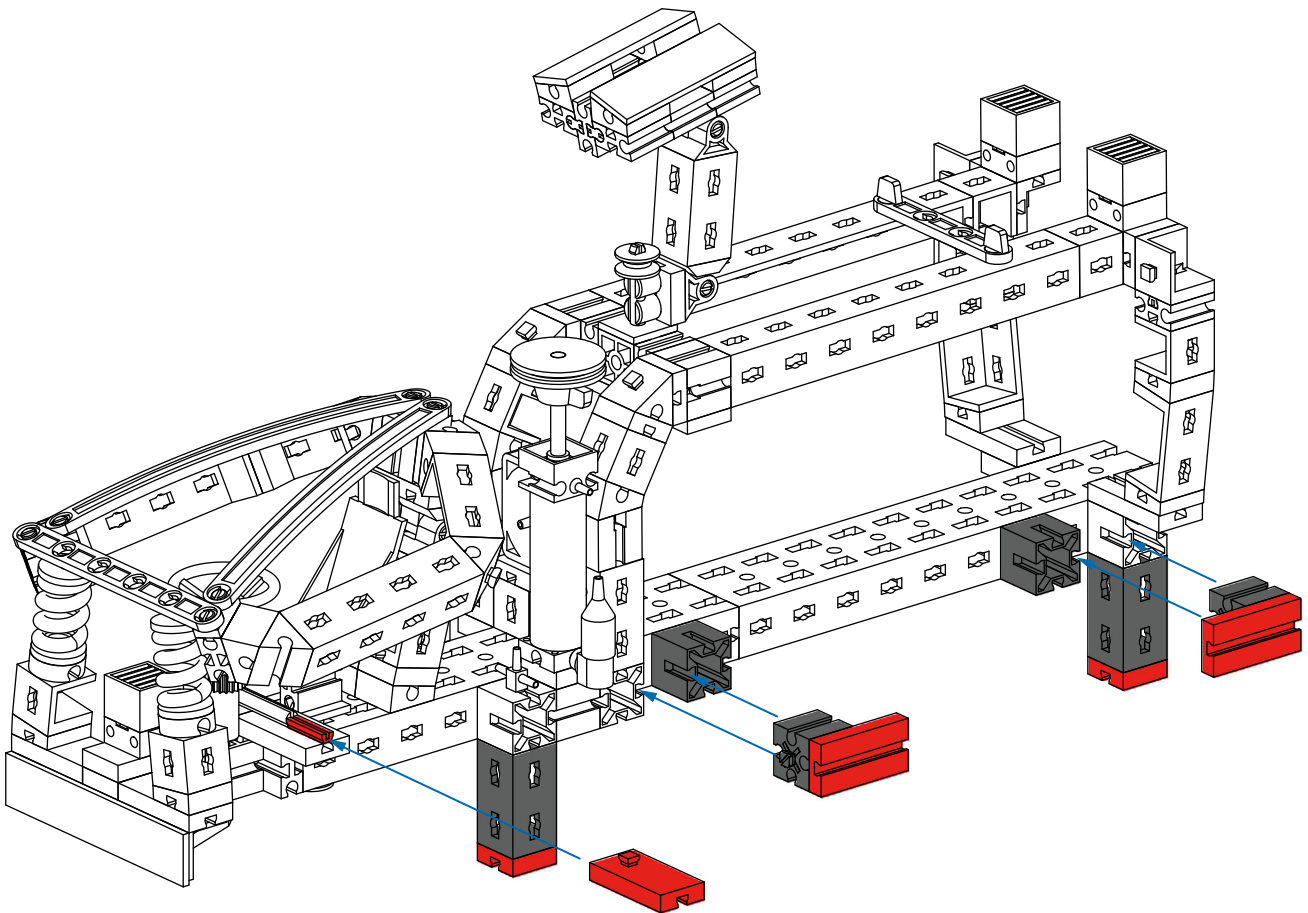
# 1-28

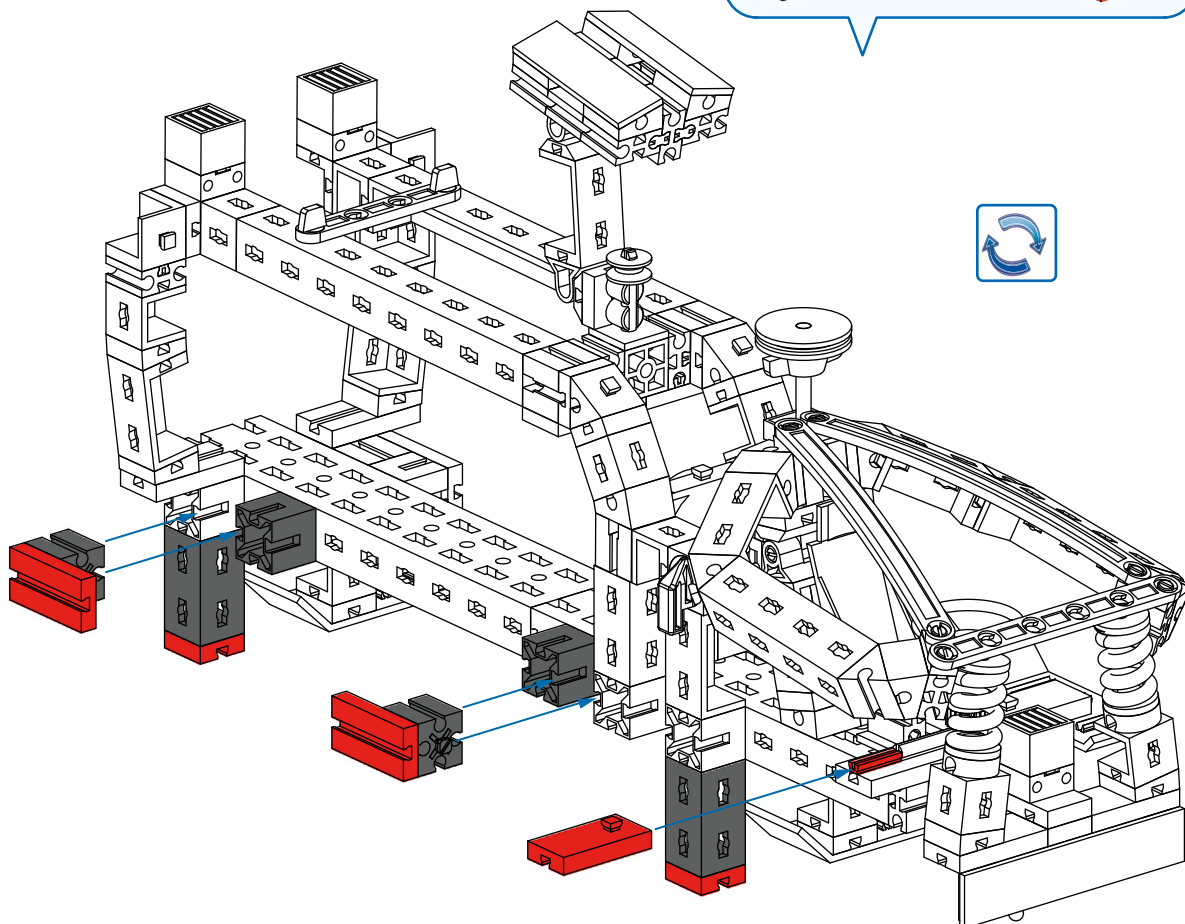
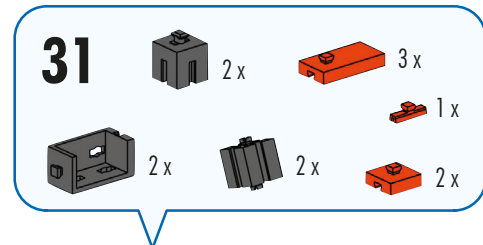
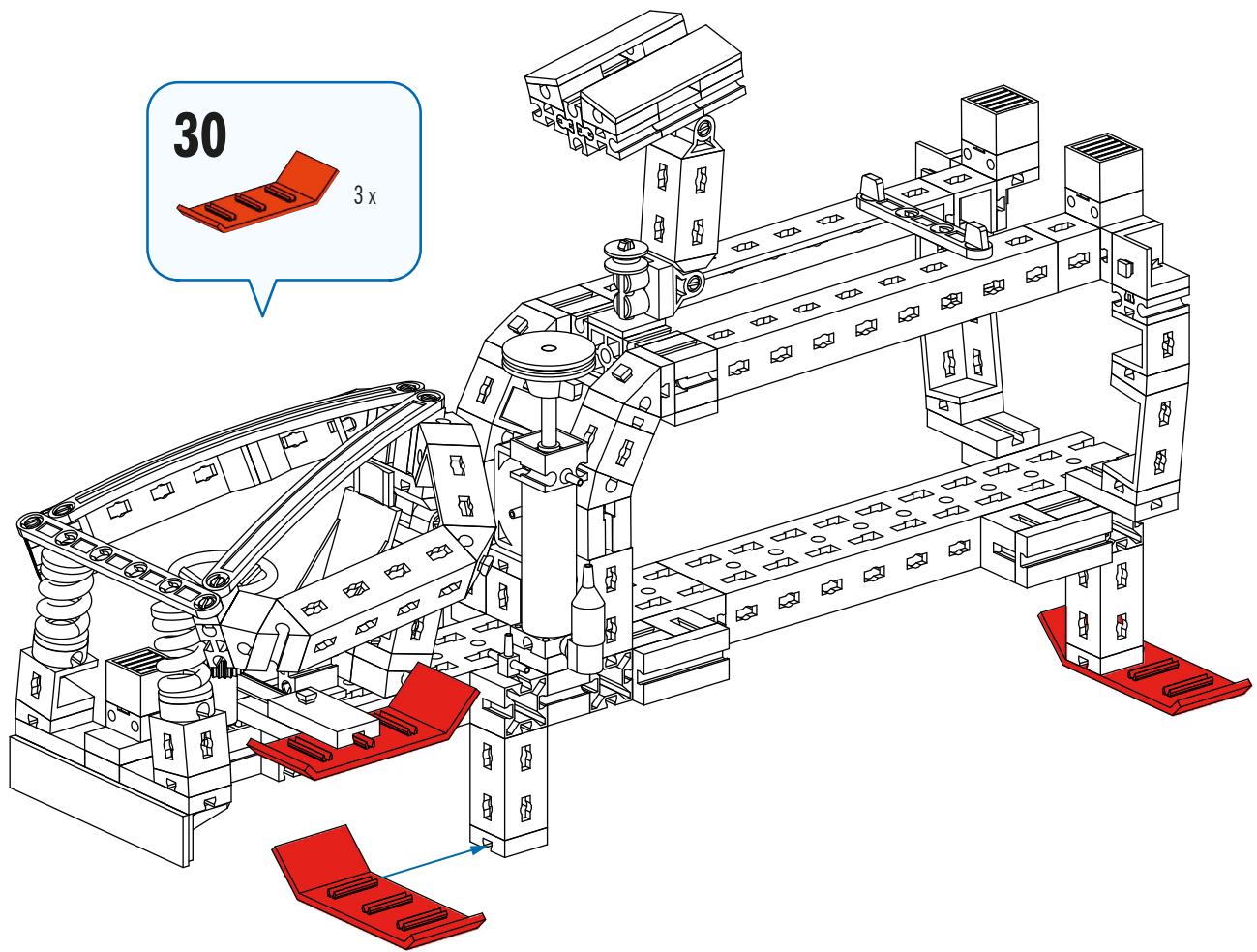
Seite 10  
Page 10  
Page 10  
Bladzijde 10  
Página 10  
Pagina 10  
Página 10  
Страница 10  
页次 10

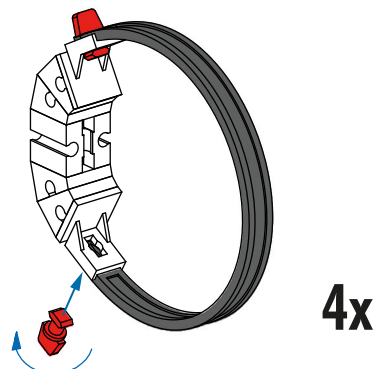
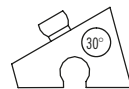
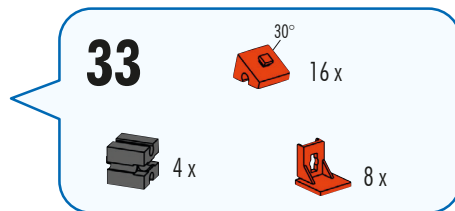
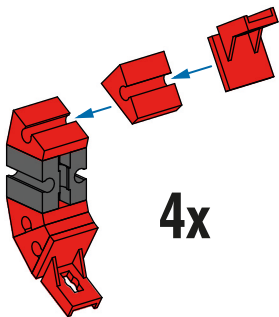
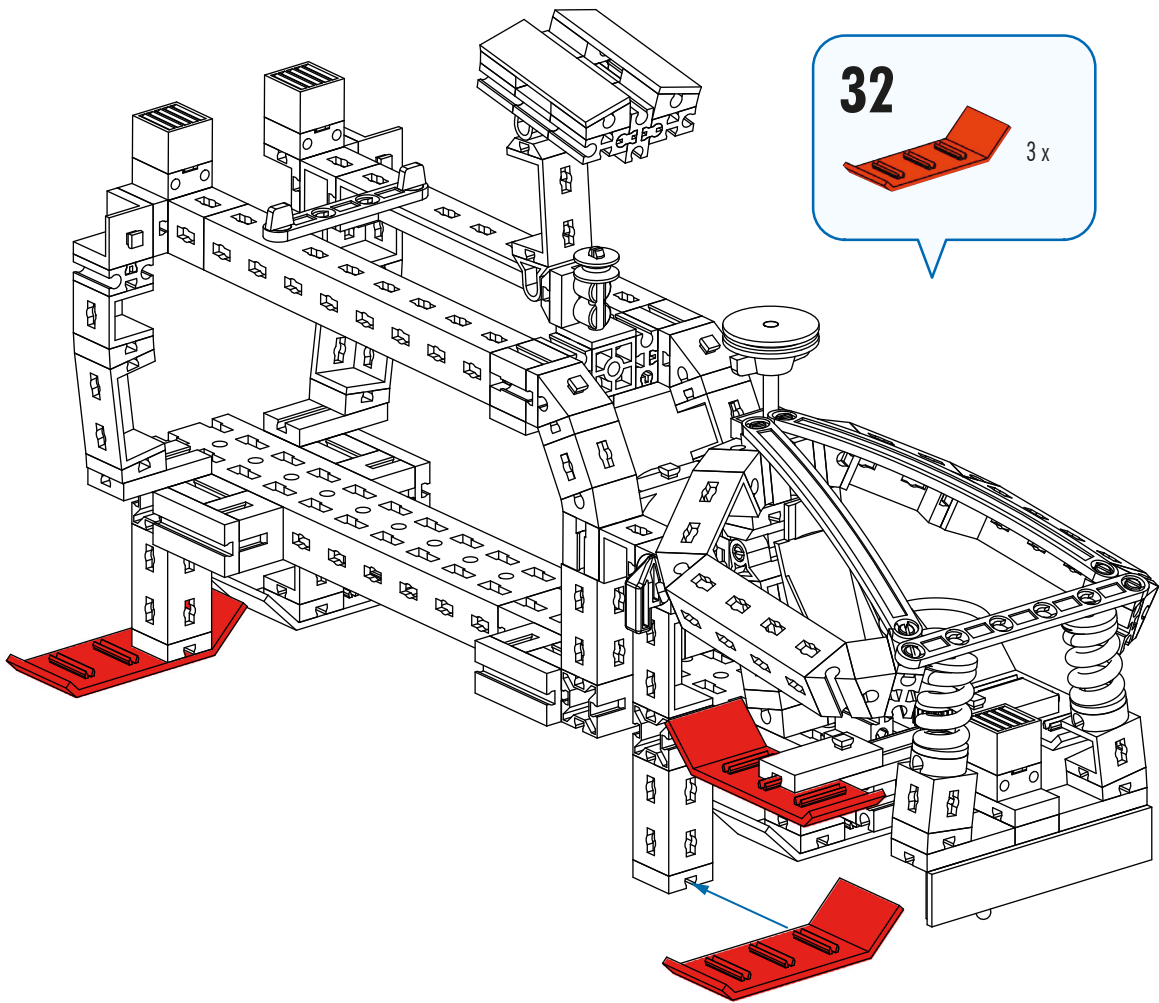


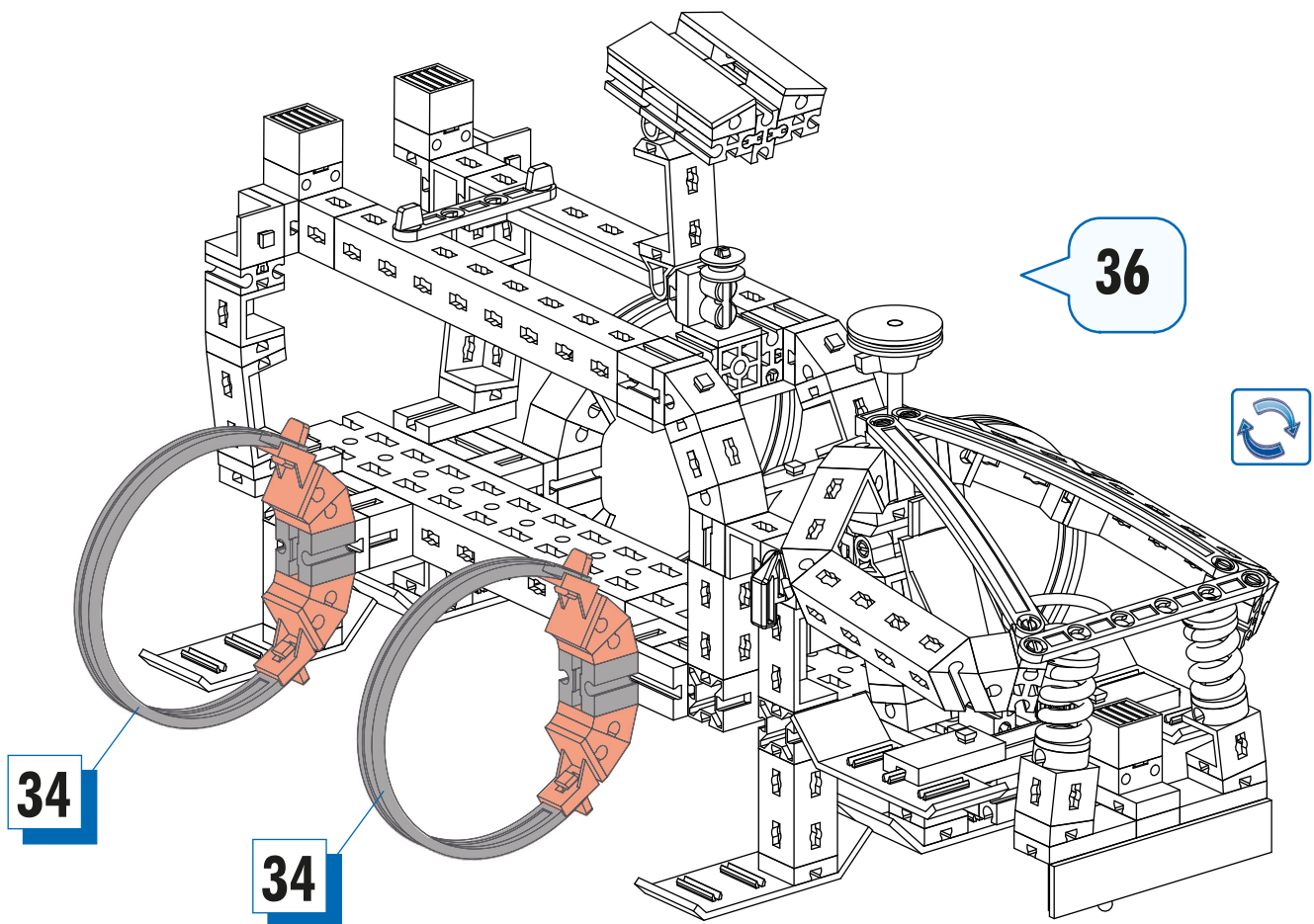
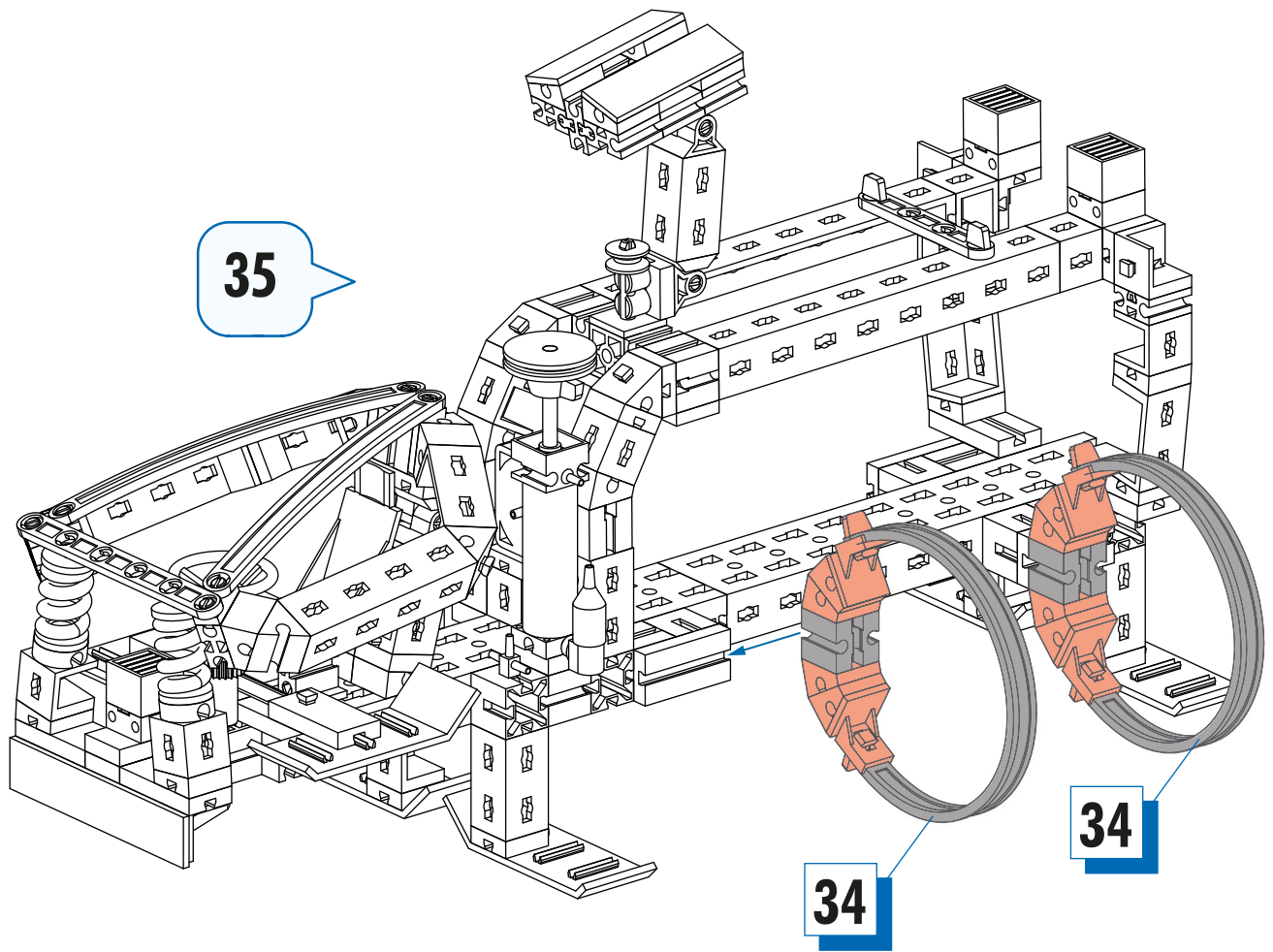
**29**

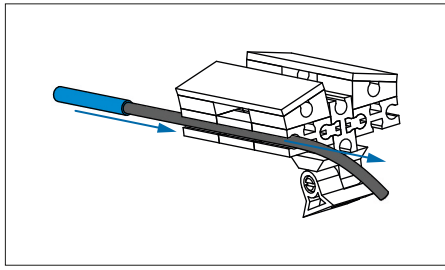
	2 x		3 x
	2 x		2 x
	2 x		1 x





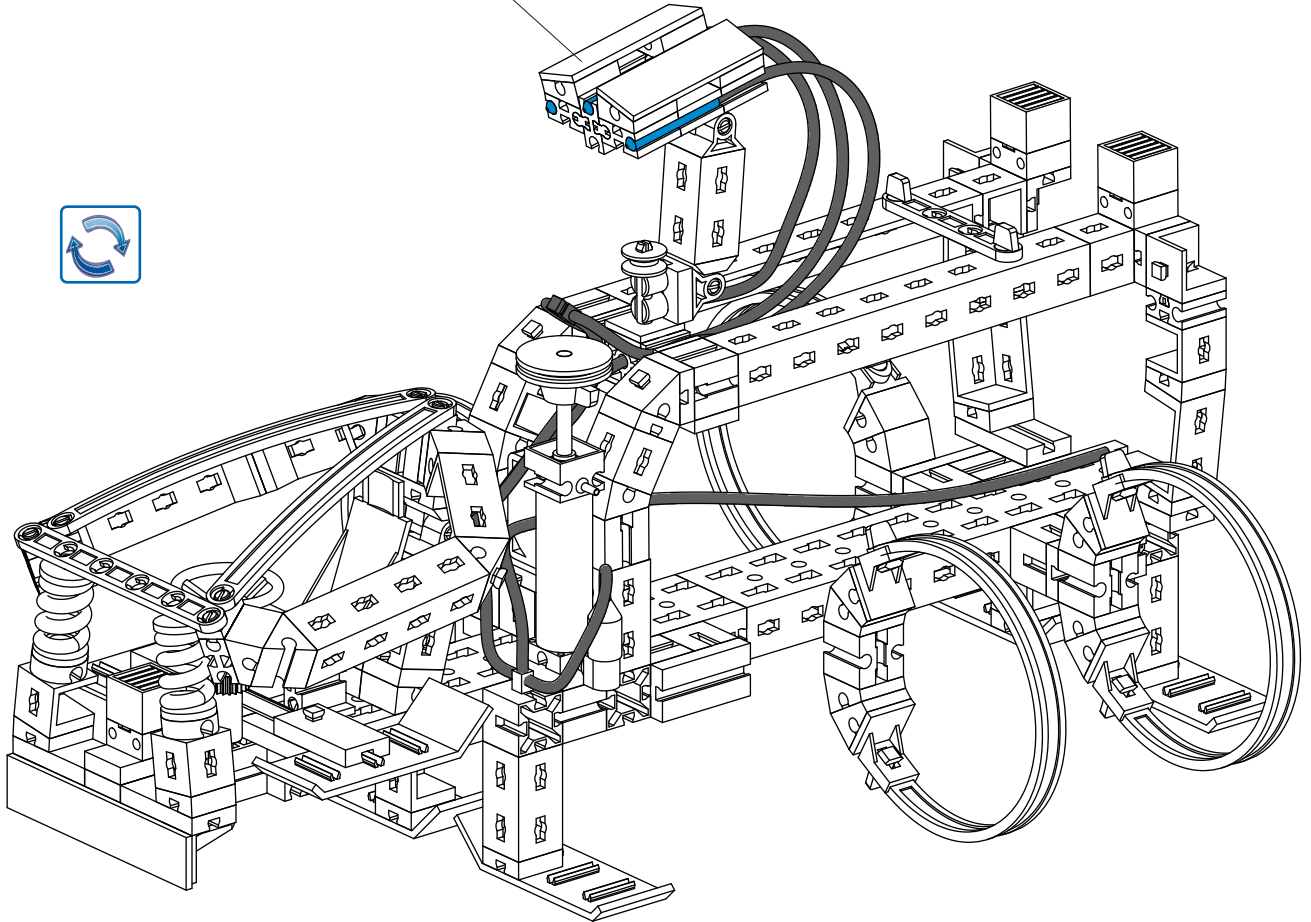






**37**

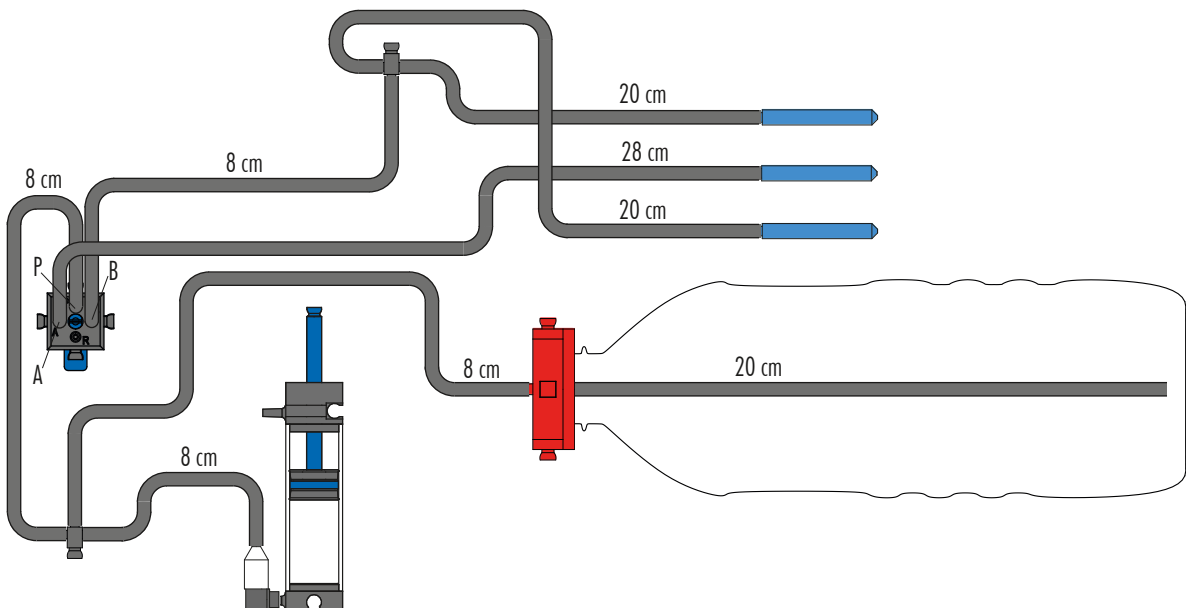
- 3 x
- 8 cm 4 x
- 20 cm 3 x
- 28 cm 1 x
- 1 x



**Schlauchanschlussplan**  
Air line layout plan  
Plan de raccordement de conduits

**Aansluitschema van slang**  
Racor de empalme  
Plano de conexão de mangueira

**Schema di allacciamento tubi**  
Схема подключения шлангов  
软管连接图





38



**FIREFIGHTER**



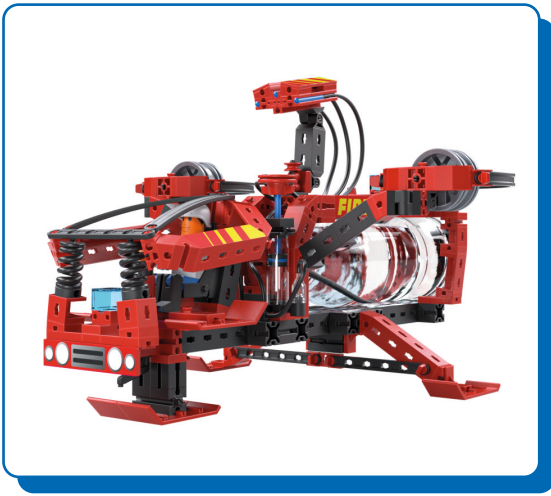
**FIREFIGHTER**



1x

Art.-Nr. 193716  
fischertechnik



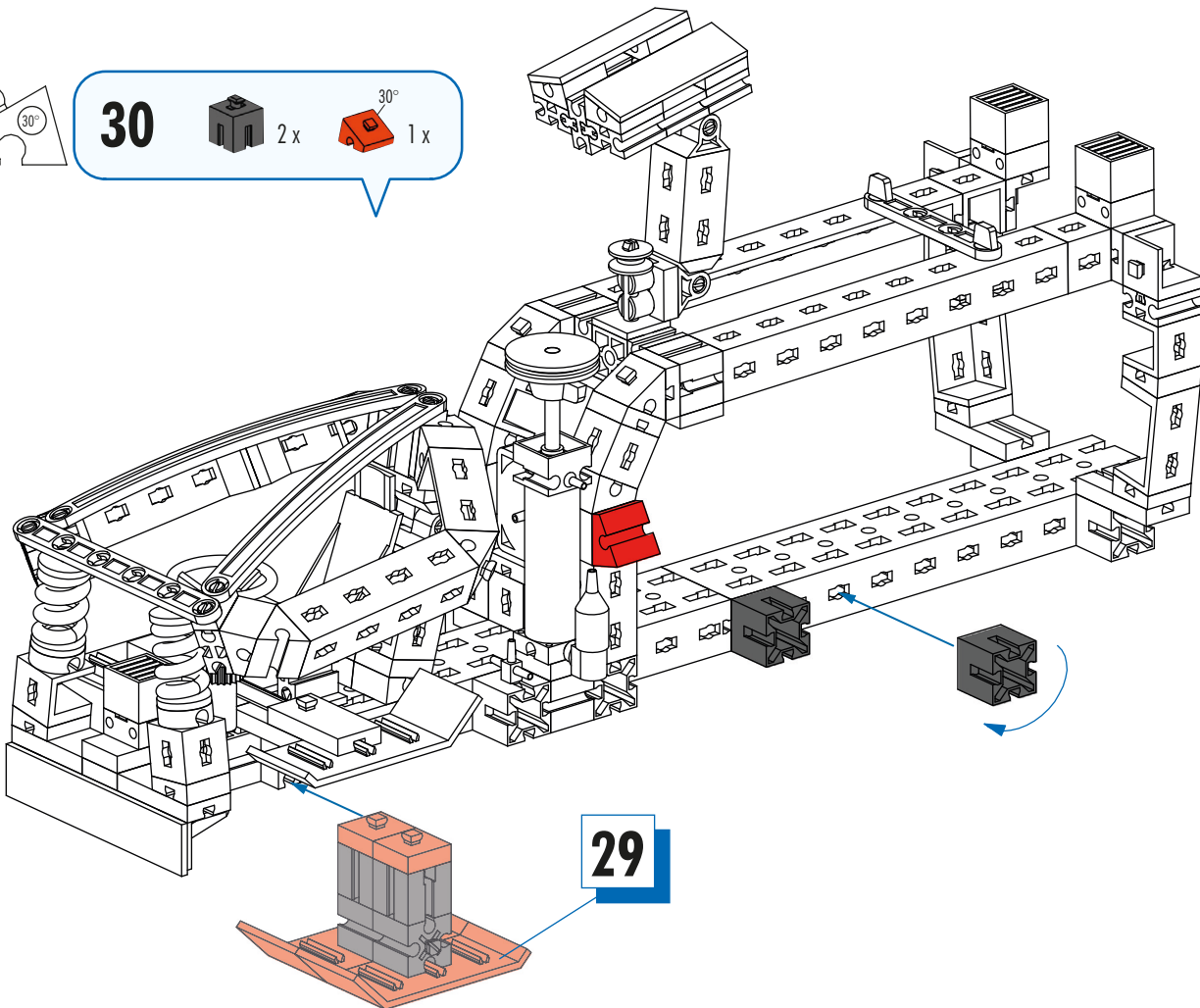
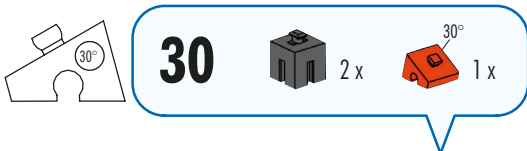
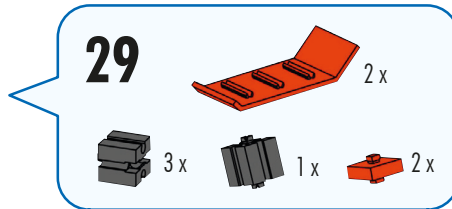
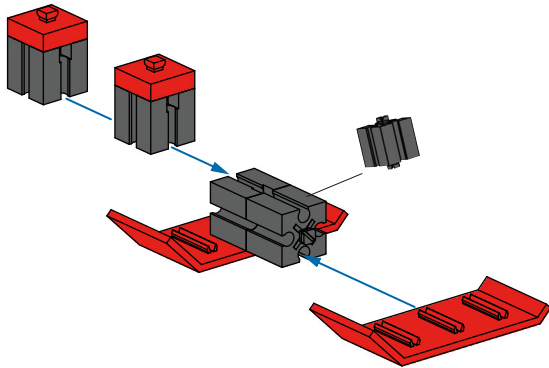
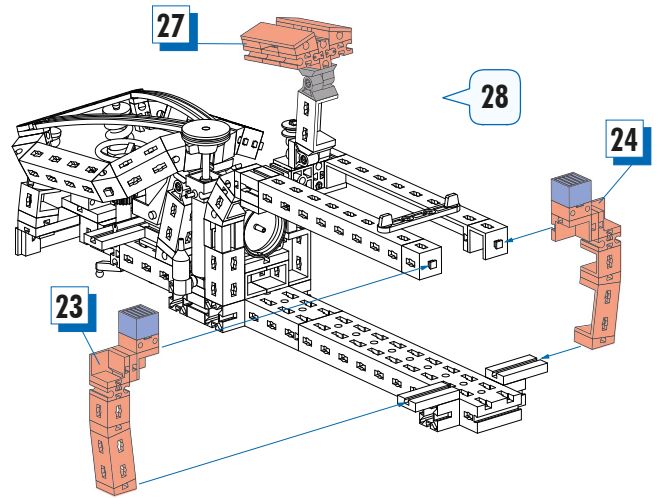


Löschflugzeug  
 Firefighting aircraft  
 Avion de lutte contre les  
 incendies l'incendie

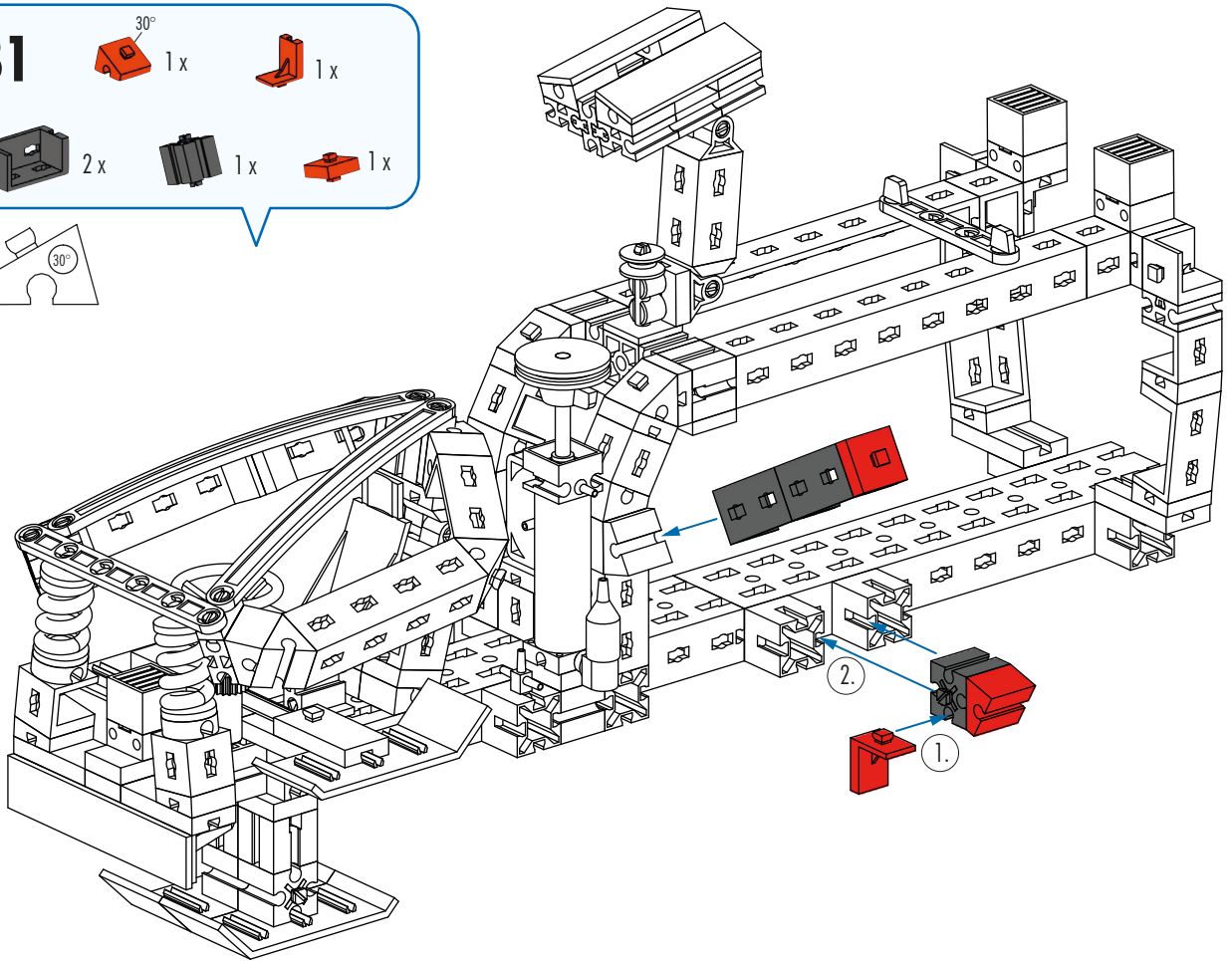
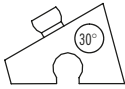
Brandbestrijdingsvliegtuigen incêndios  
 Aviones de extinción de incendios Aereo dei pompieri  
 Aeronaves de combate a Пожарная авиация  
 消防飞机

# 1-28

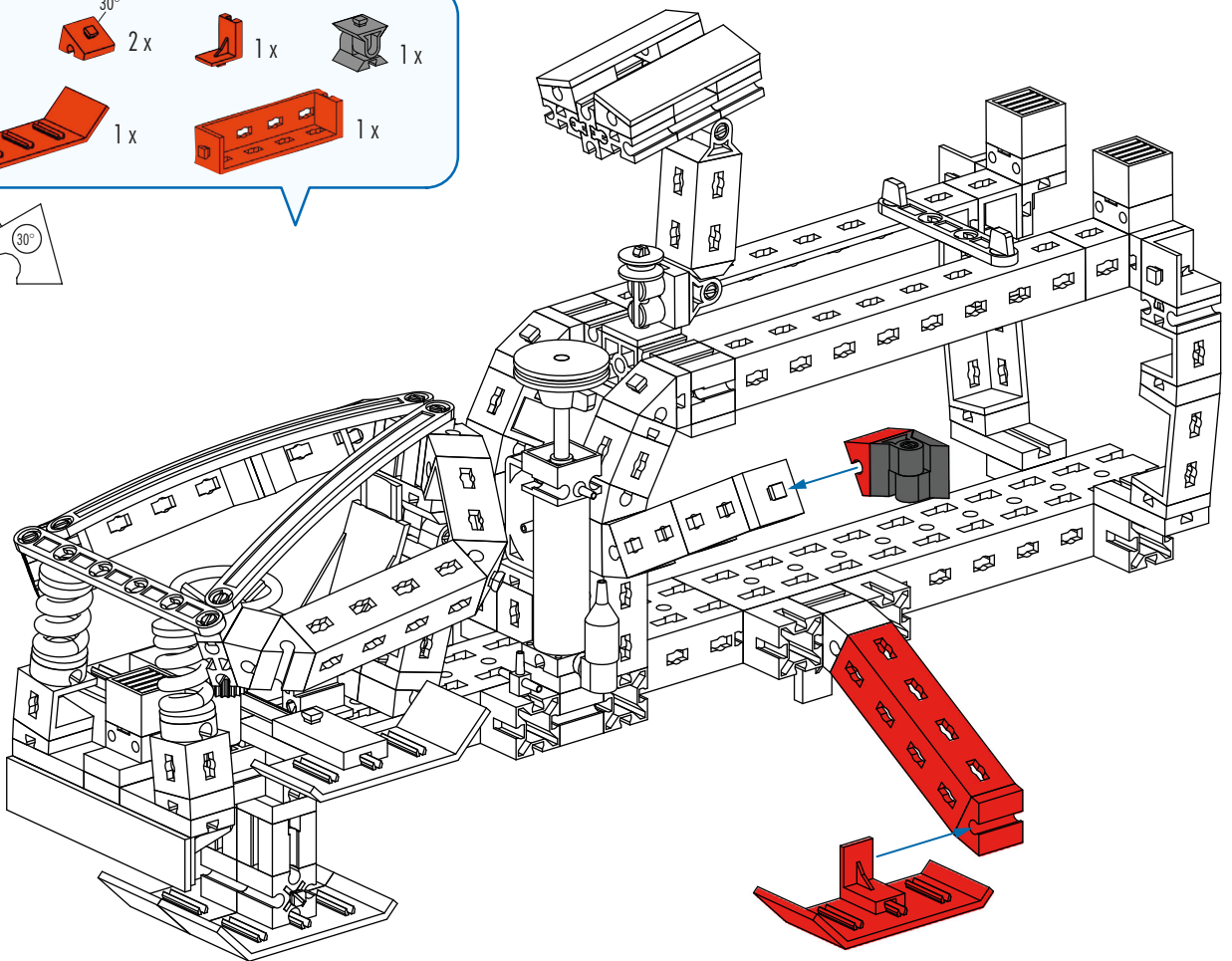
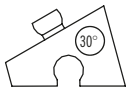
Seite 10  
 Page 10  
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 Страница 10  
 页次 10

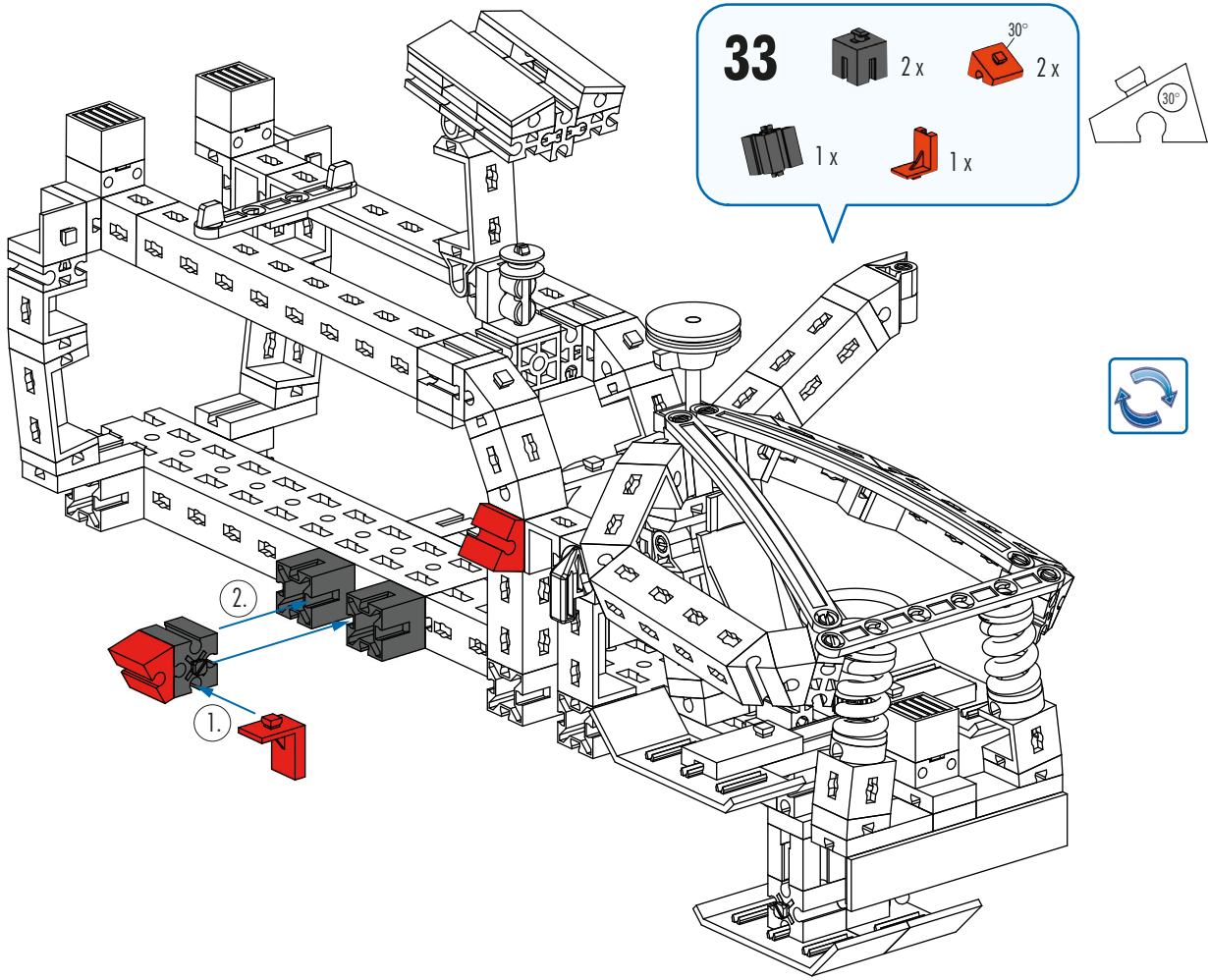


- 31**
- 30° 1x
  - 1x
  - 1x
  - 2x
  - 1x
  - 1x

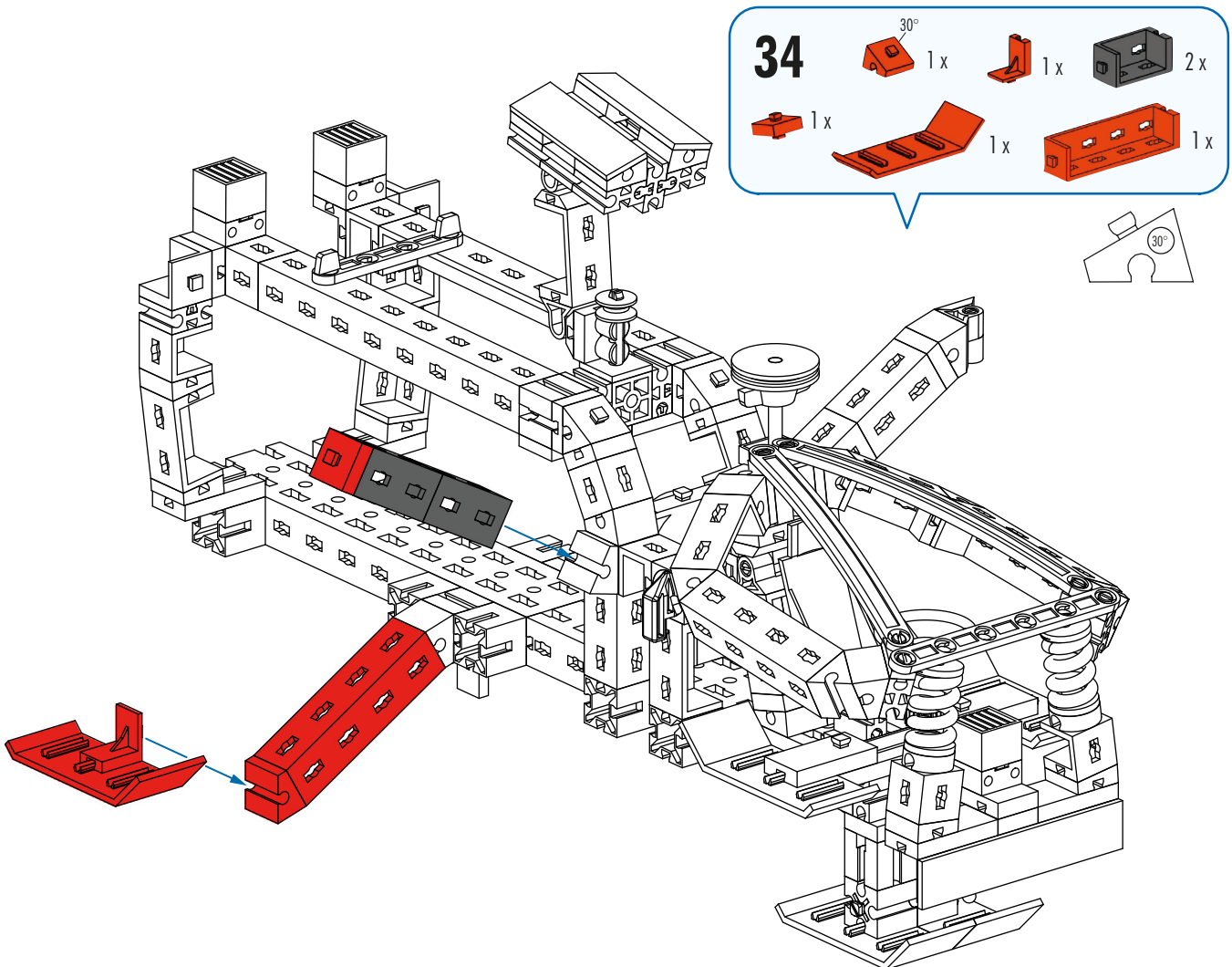
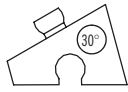


- 32**
- 30° 2x
  - 1x
  - 1x
  - 1x
  - 1x

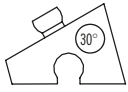


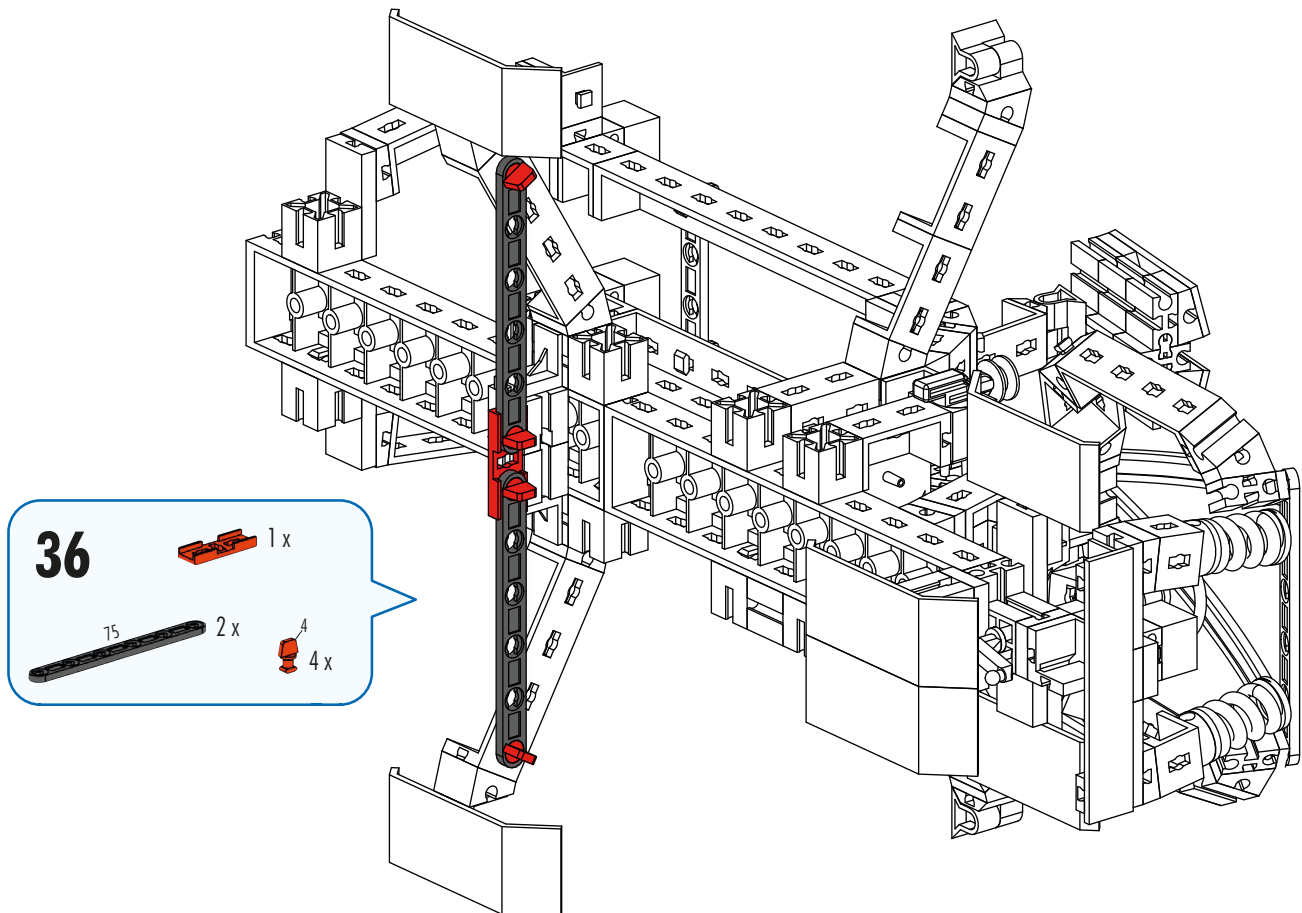
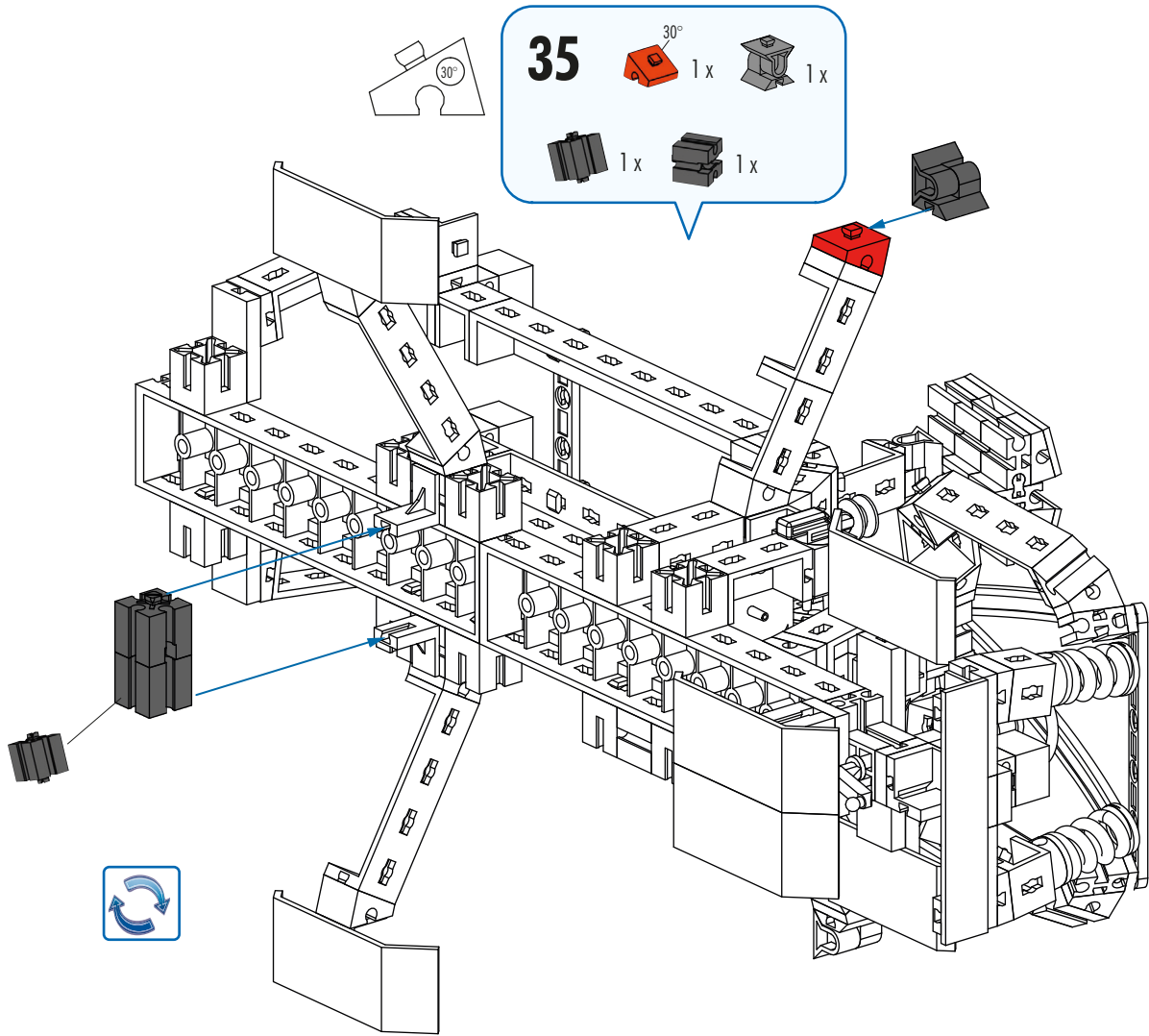


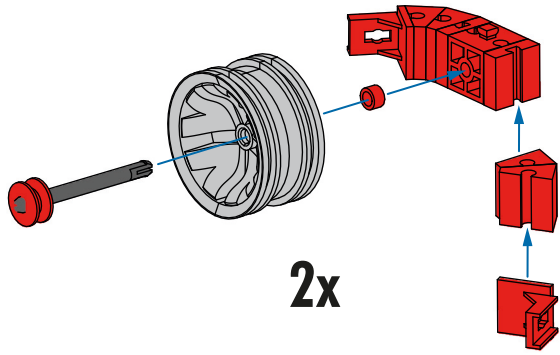
- 33**
- 2 x
  - 2 x
  - 1 x
  - 1 x



- 34**
- 1 x
  - 1 x
  - 2 x
  - 1 x
  - 1 x
  - 1 x







2x

**37**

- 2x [Red 1x3 Technic Brick]
- 2x [Red 1x2 Technic Brick]
- 2x [Red 1x2 Technic Brick]
- 2x [Red 1x2 Technic Brick]
- 2x [Red 1x2 Technic Brick]
- 2x [Red 1x2 Technic Brick]
- 8x [Red 1x2 Technic Brick]
- 2x [Red 1x2 Technic Brick]
- 4x [Red 1x2 Technic Brick]
- 4x [Red 1x2 Technic Brick]
- 2x [Grey Wheel]
- 2x [Grey Wheel]

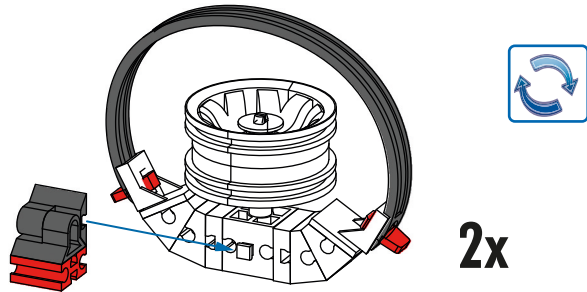
45 mm

30°

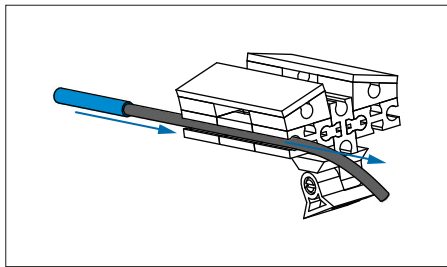
**38**

- 2x [Red 1x3 Technic Brick]
- 2x [Black Axle]
- 4x [Red 1x2 Technic Brick]
- 2x [Grey Connector]

169,6

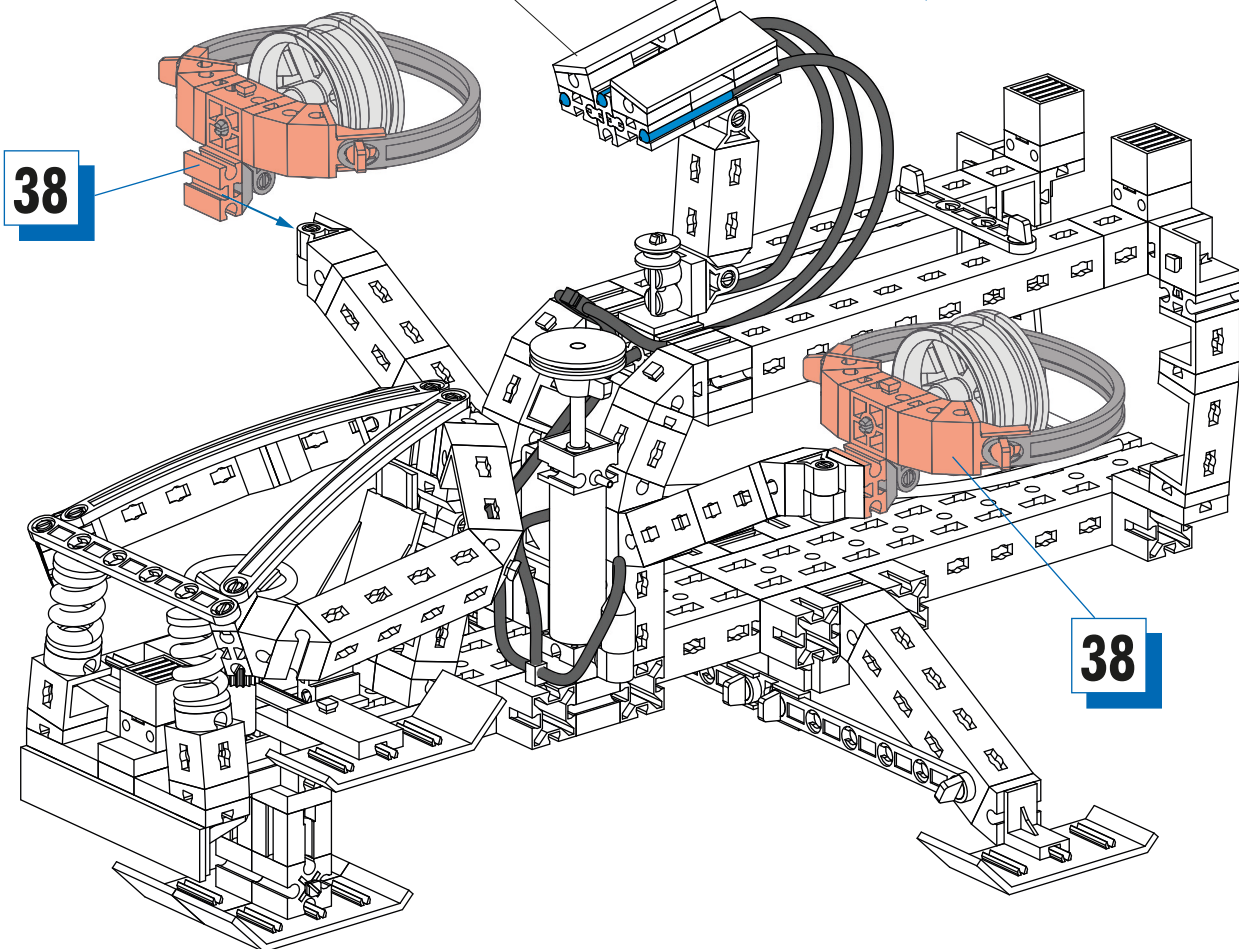


2x



**39**

- 3x [Blue Pin]
- 1x [Grey Connector]
- 4x [8 cm Rubber Band]
- 3x [20 cm Rubber Band]
- 1x [28 cm Rubber Band]

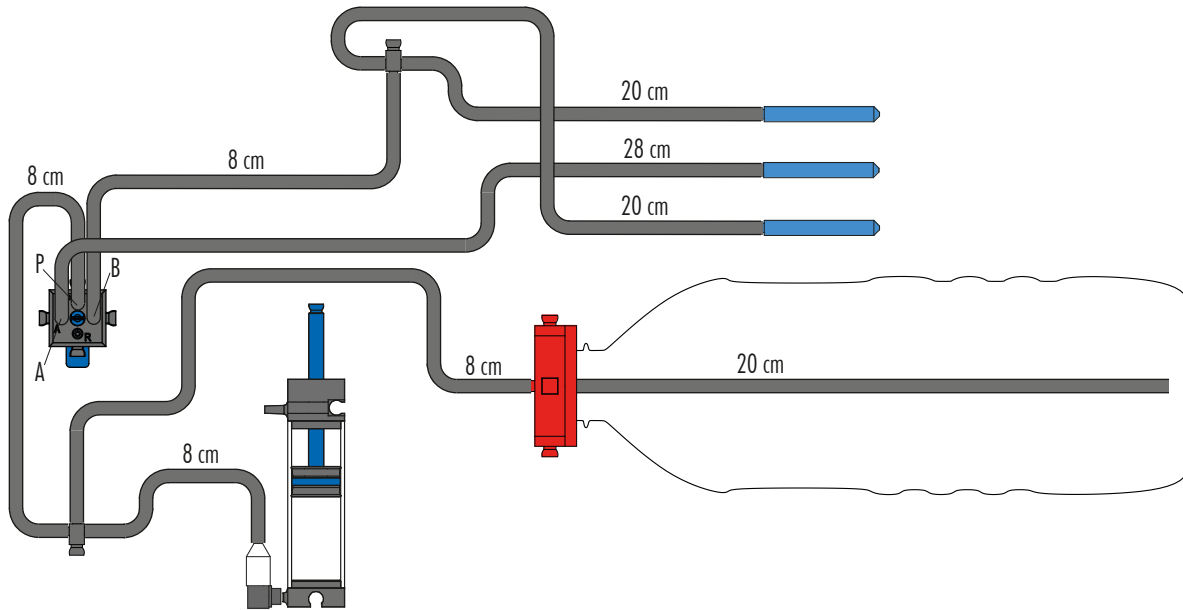


38

Schlauchanschlussplan  
Air line layout plan  
Plan de raccordement de conduits

Aansluitschema van slang  
Racor de empalme  
Plano de conexão de mangueira

Schema di allacciamento tubi  
Схема подключения шлангов  
软管连接图



**40**  **FIREFIGHTER**  
 **FIREFIGHTER**  
   1 x  
Art.-Nr. 193716  
**fischertechnik** 





# ADVANCED Firefighter

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