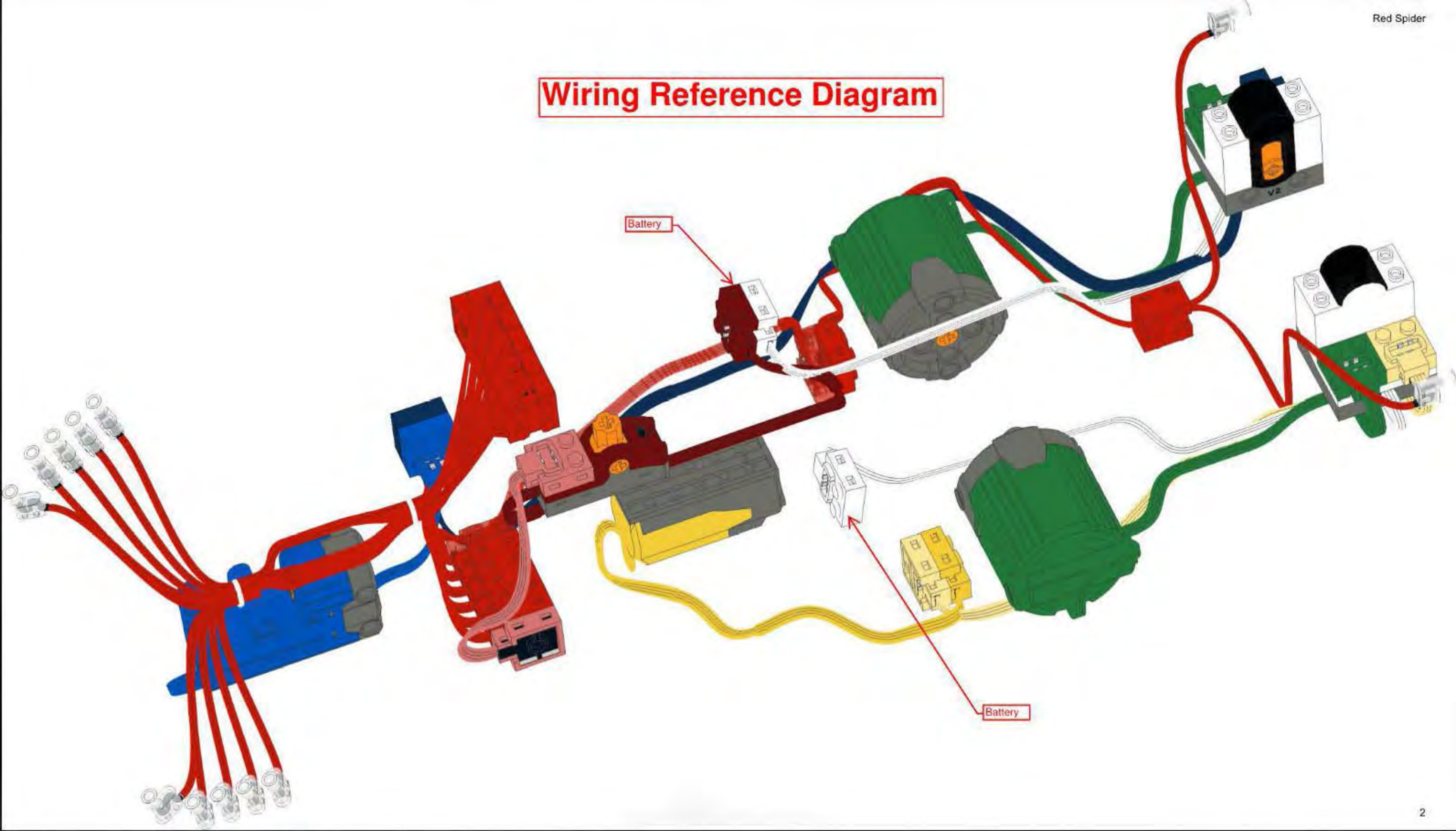


Red Spider



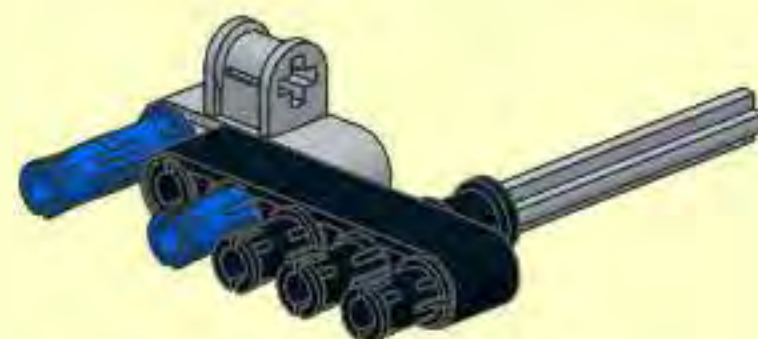
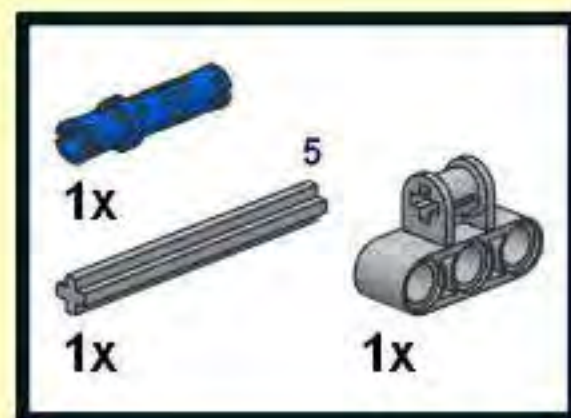
Wiring Reference Diagram



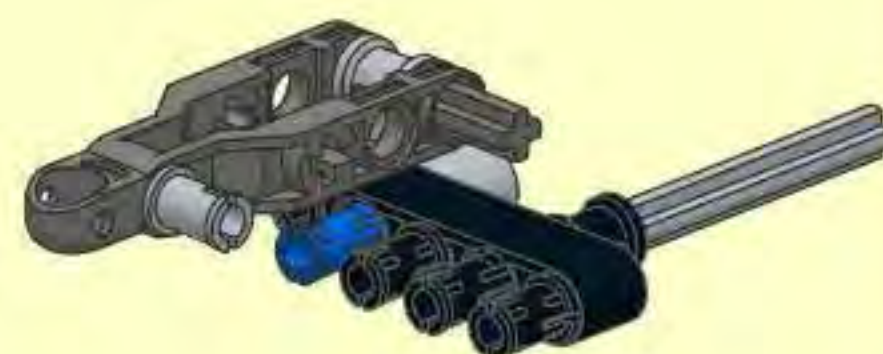
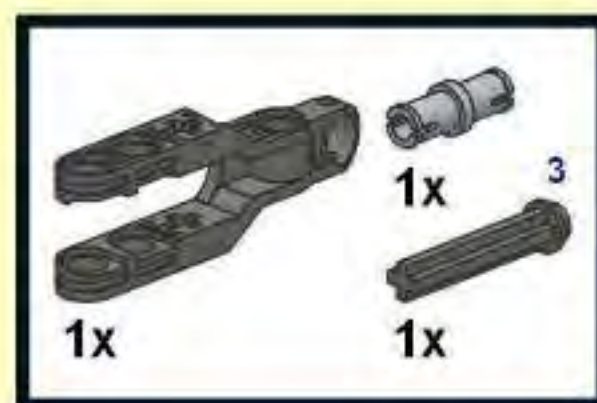
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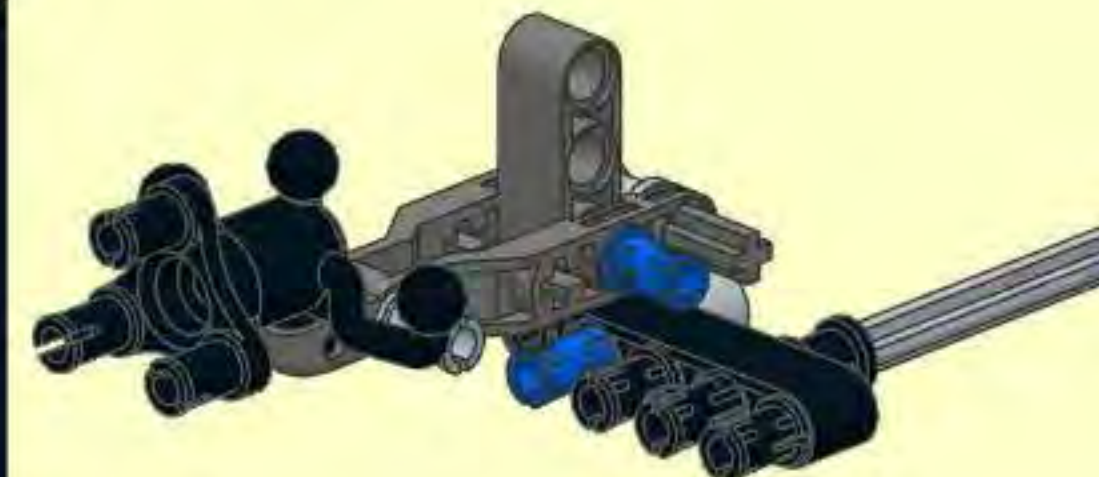
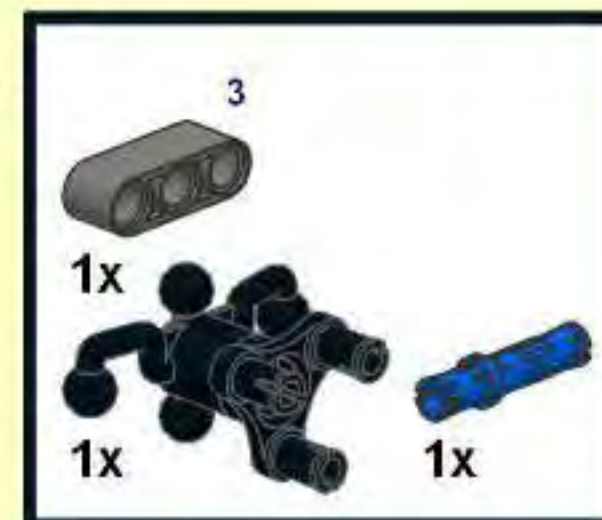
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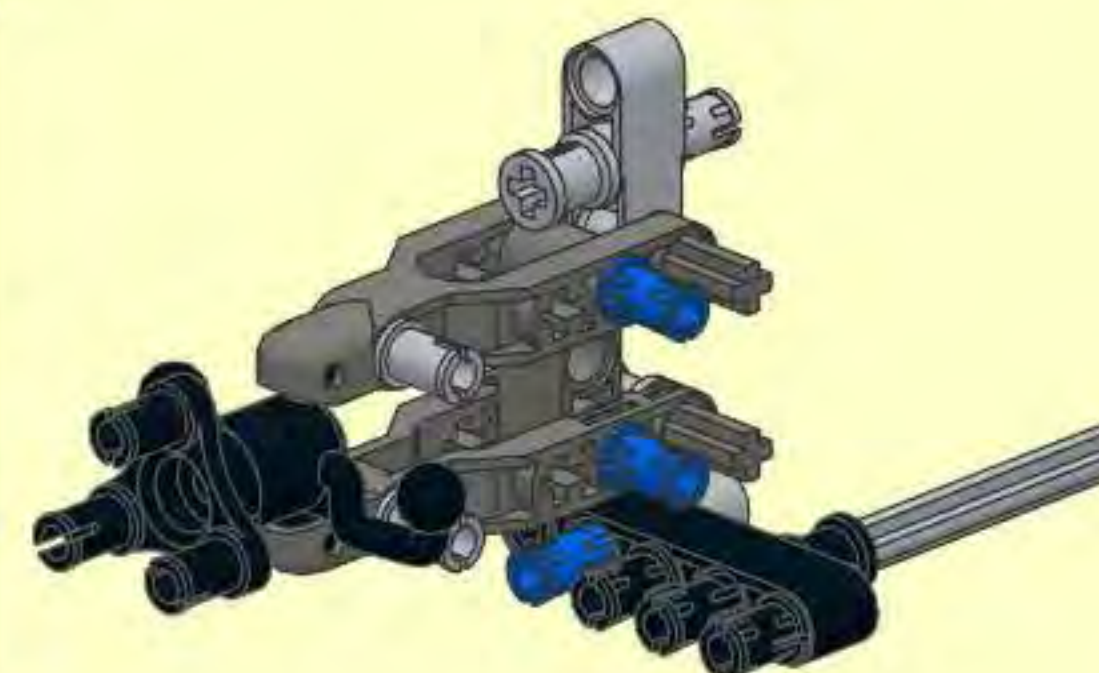
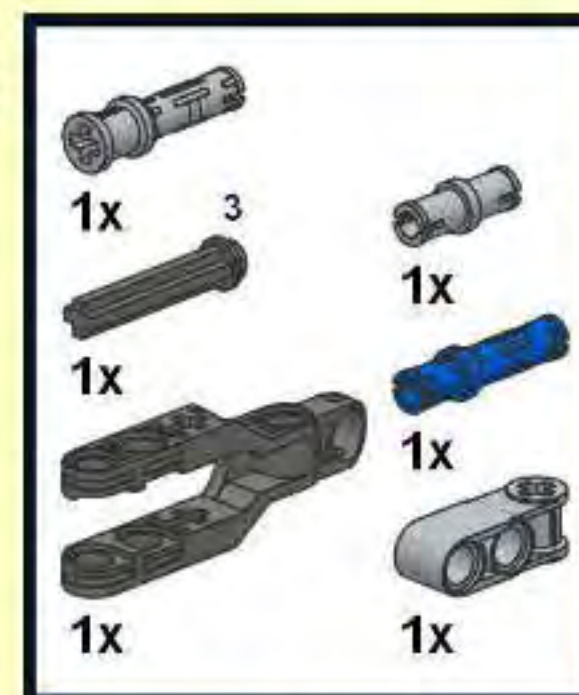
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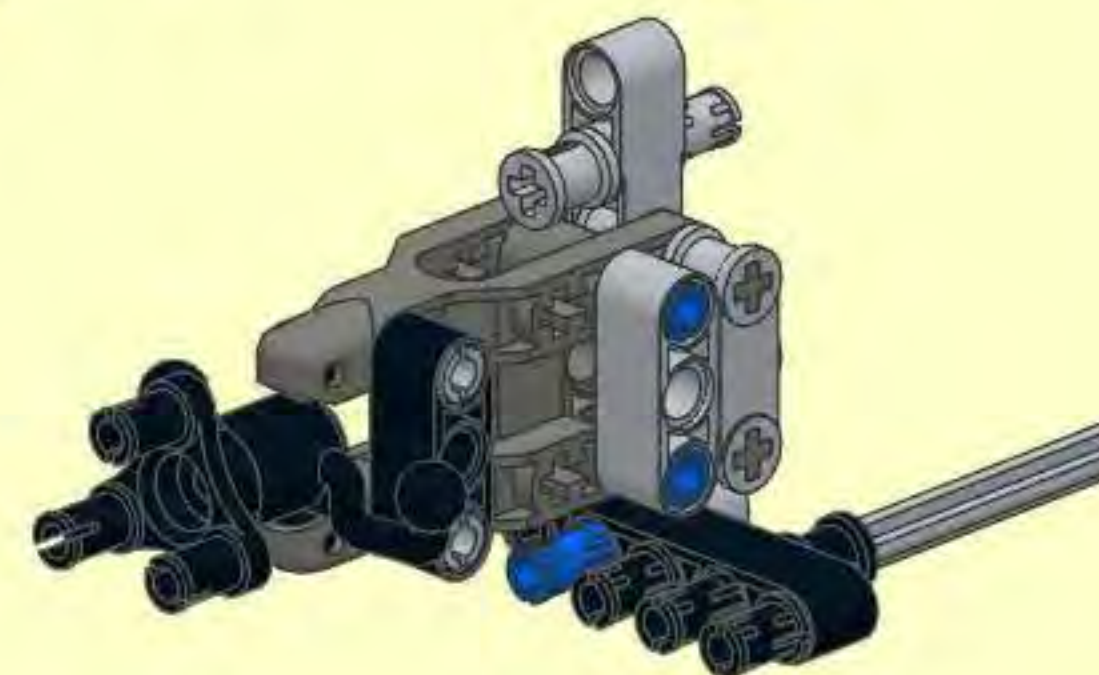
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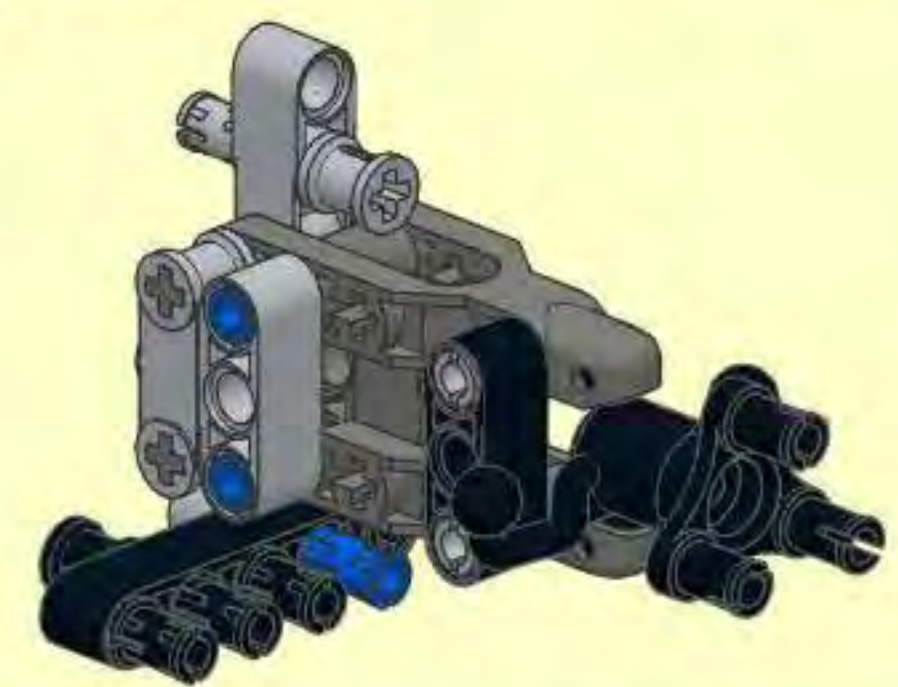
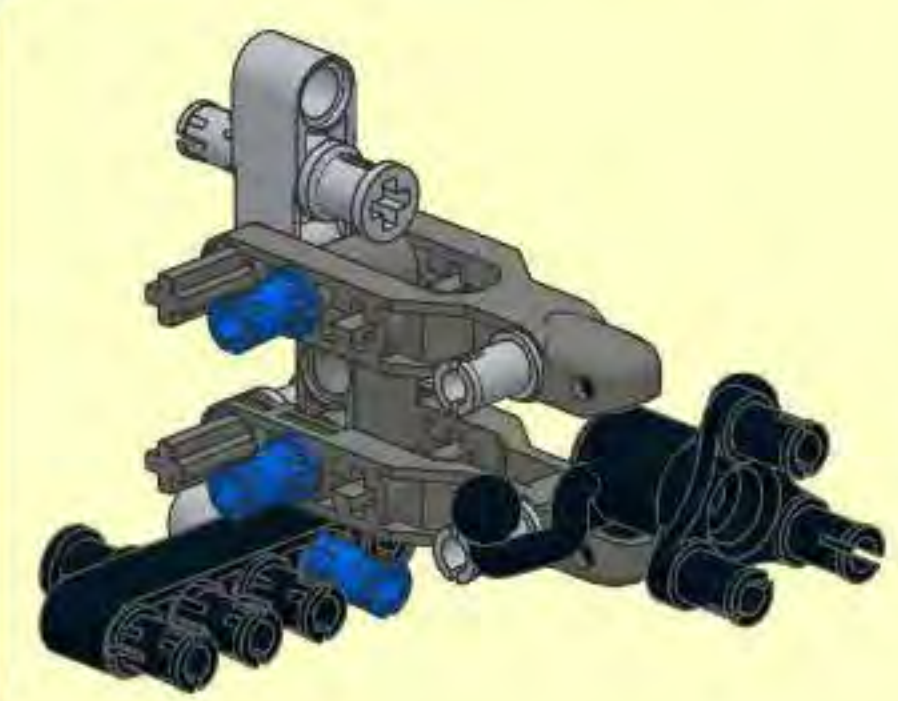
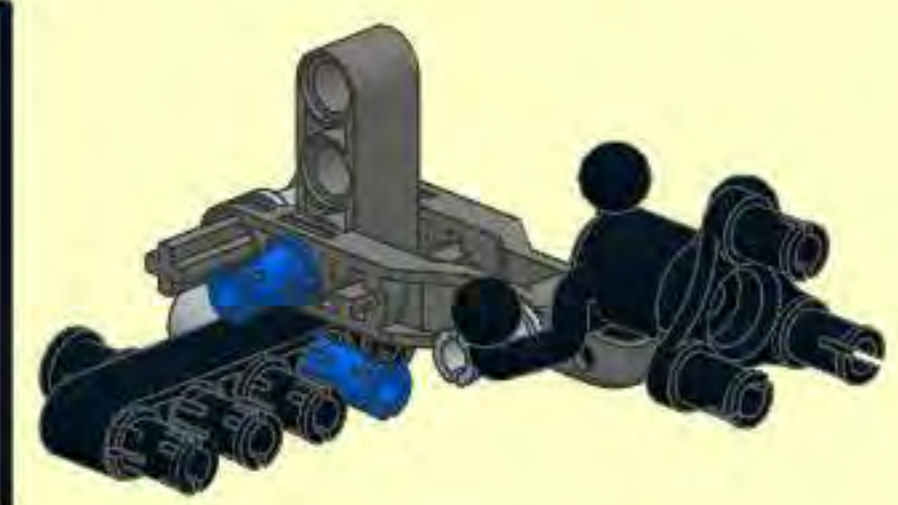
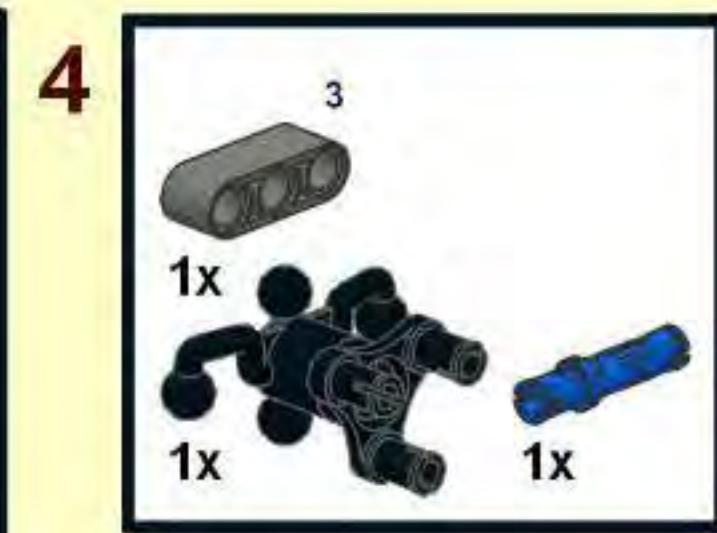
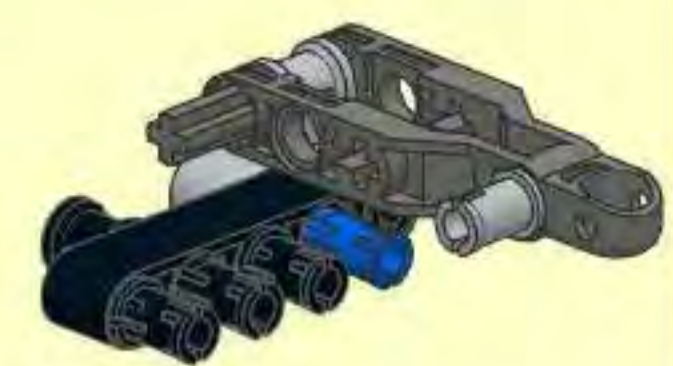
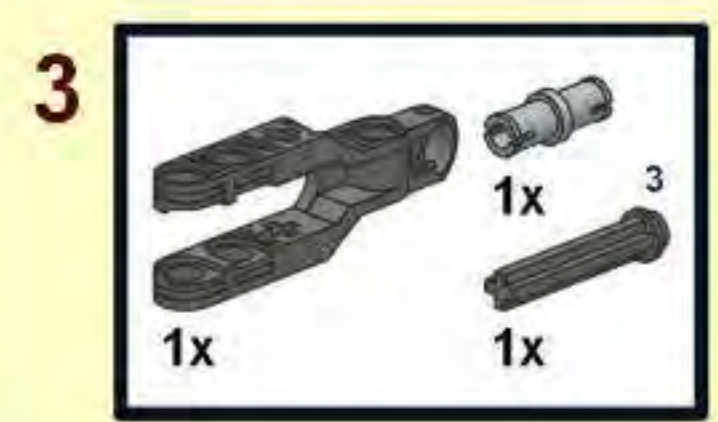
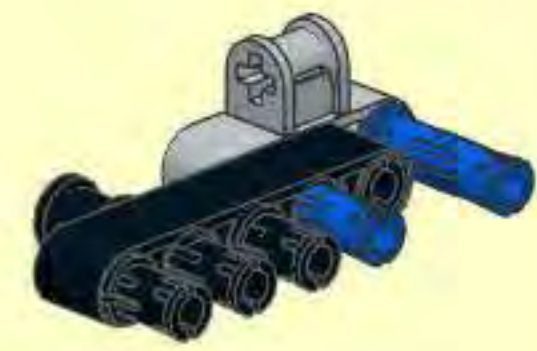
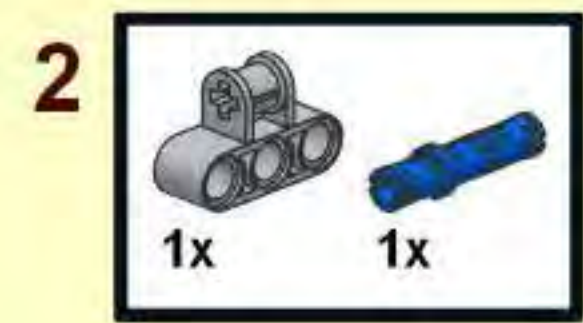


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6

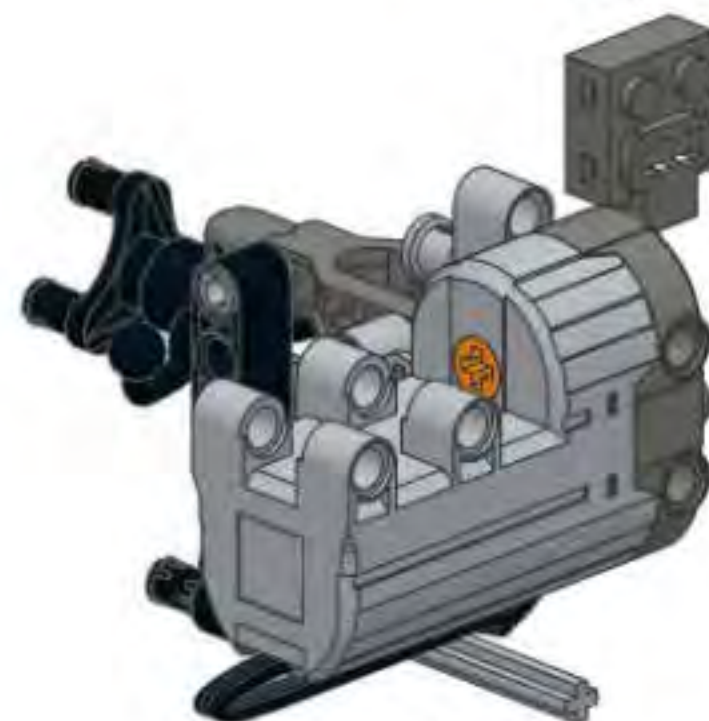




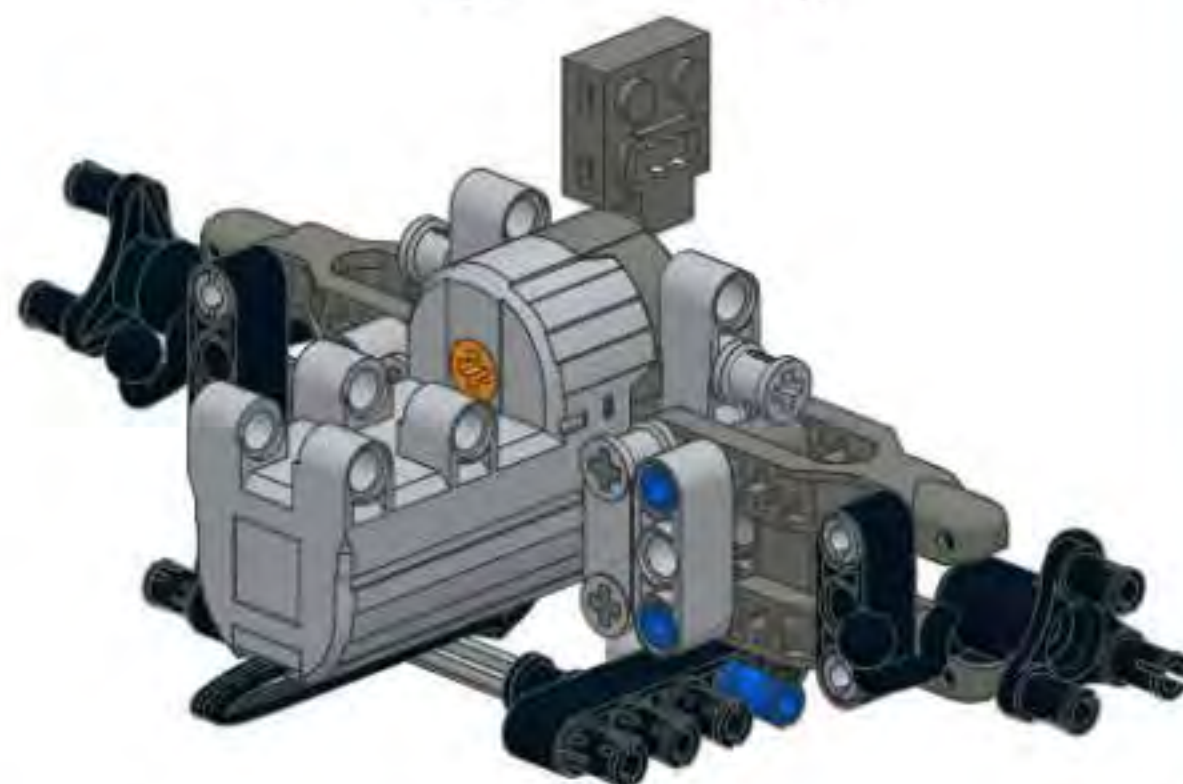
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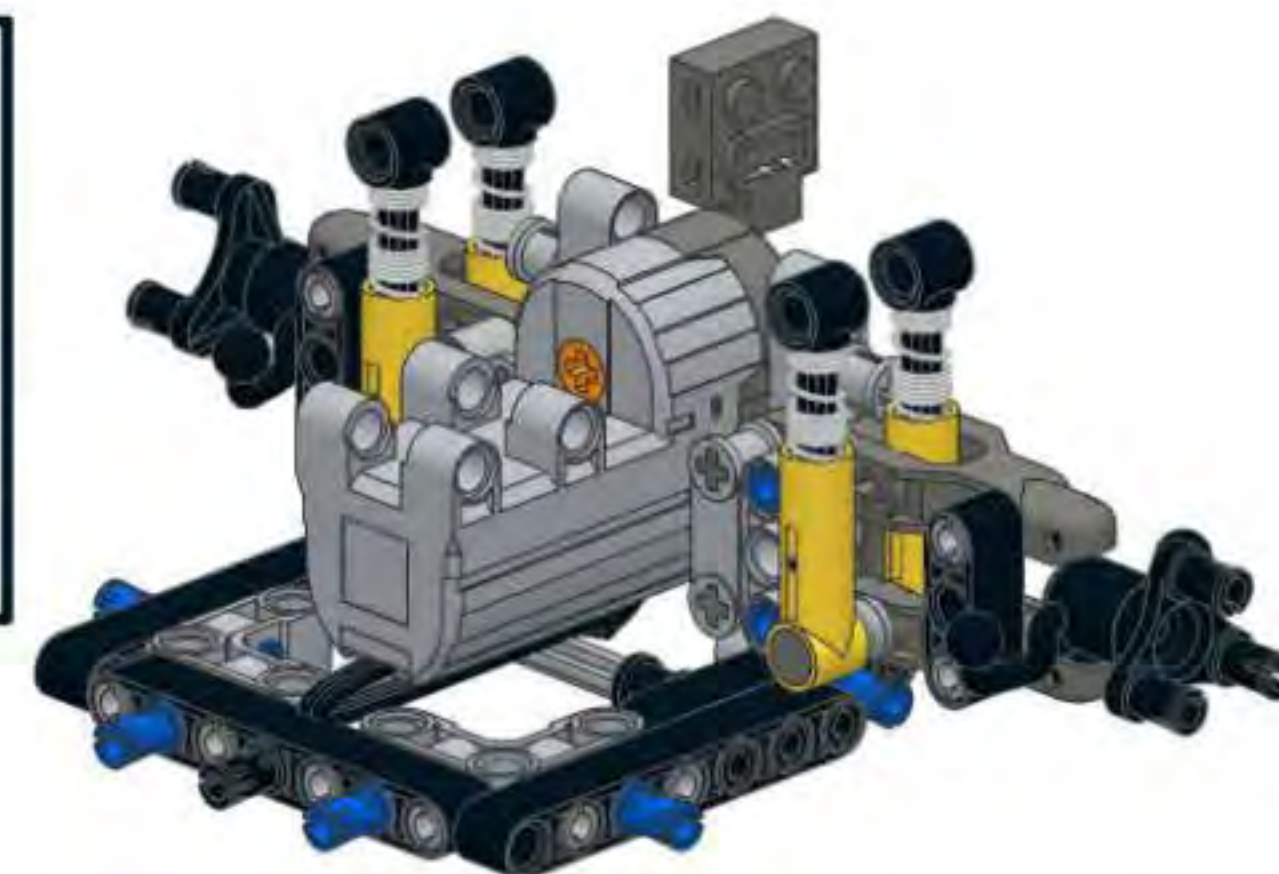
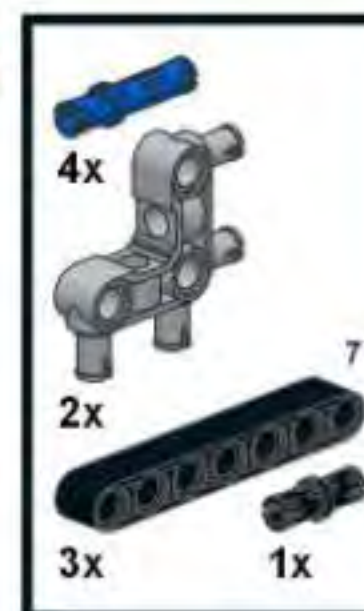
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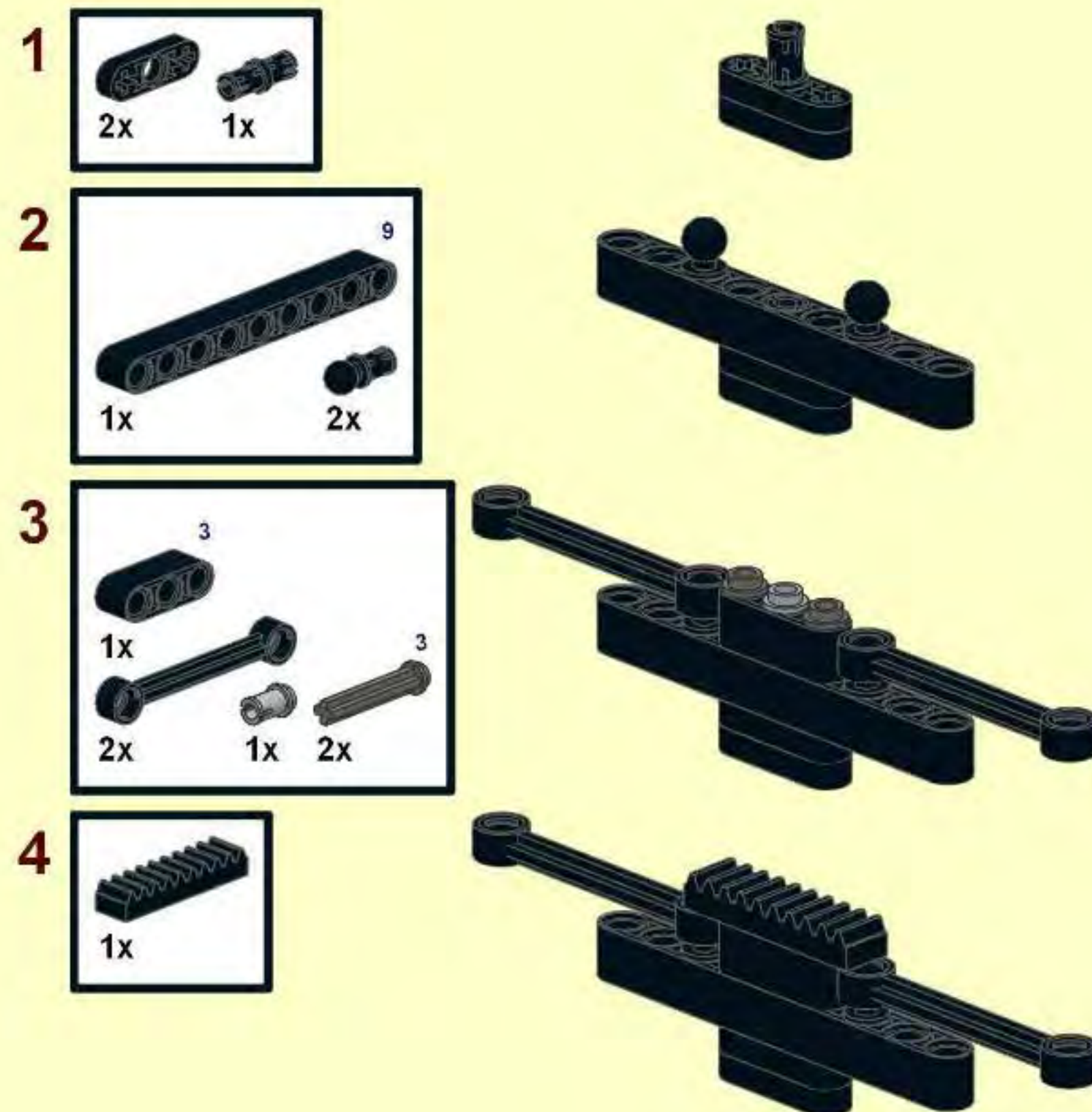


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5





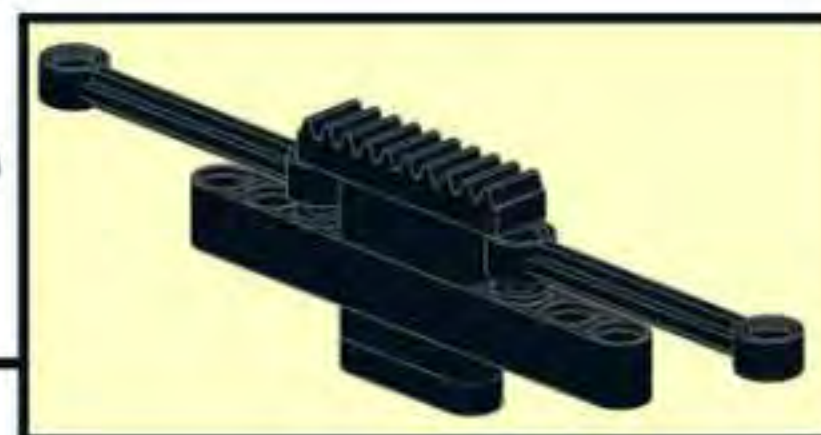
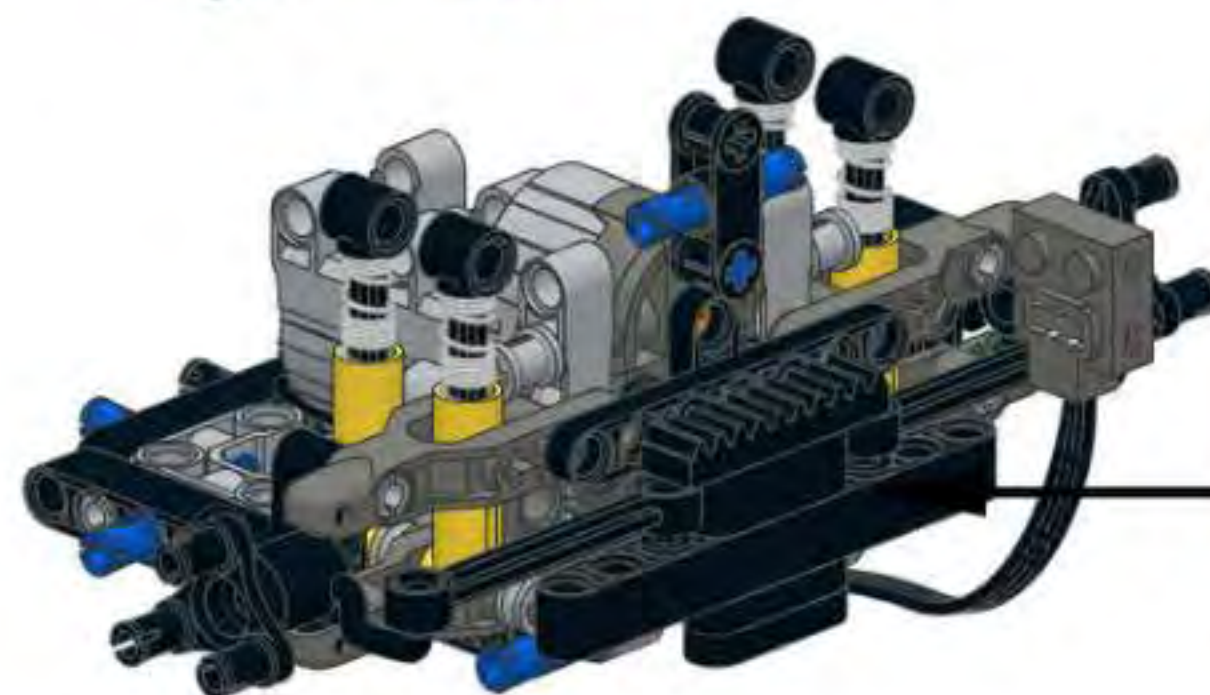
- 6
- 2x
 - 4x
 - 1x



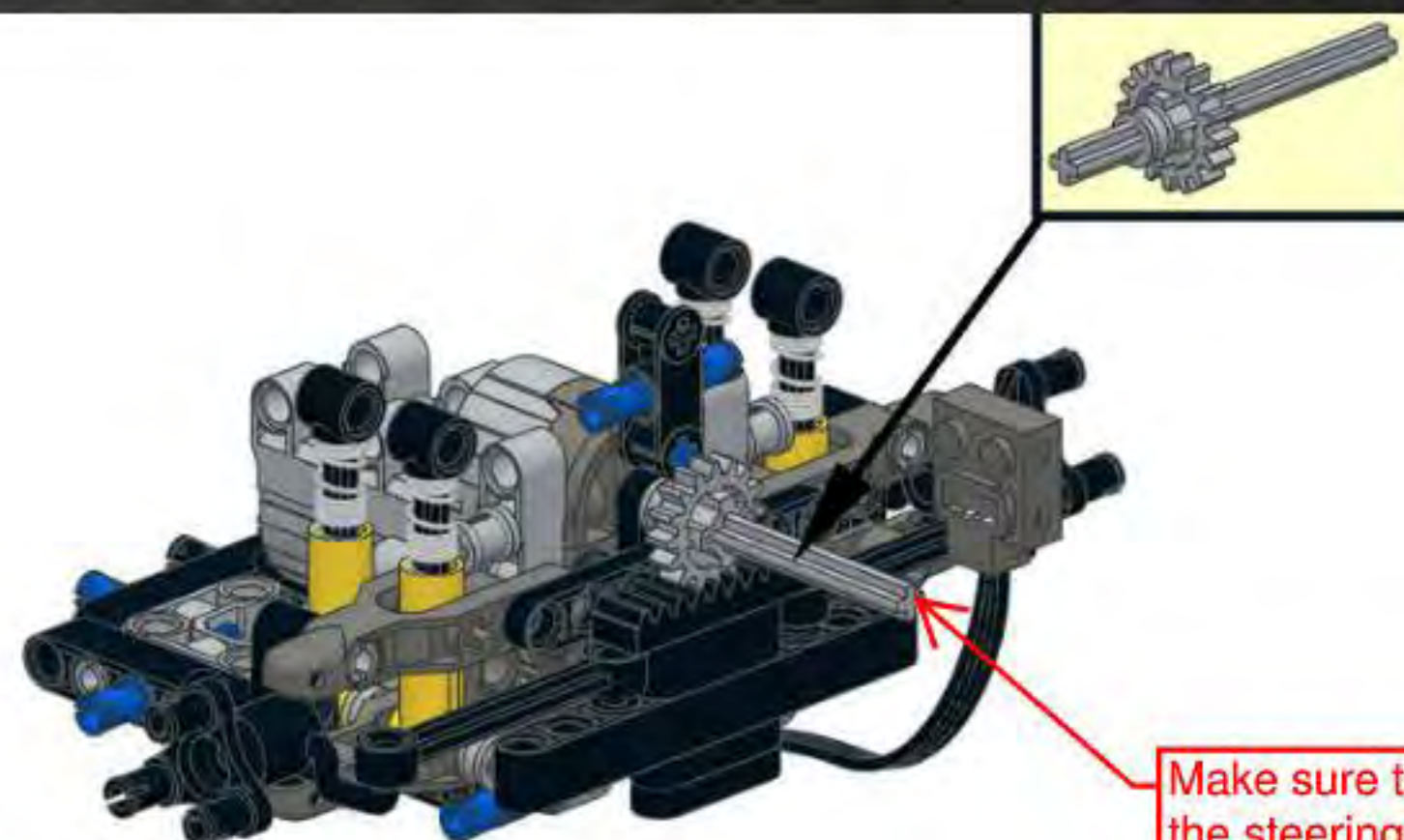
- 7
- 1x
 - 1x
 - 2x
 - 1x



8

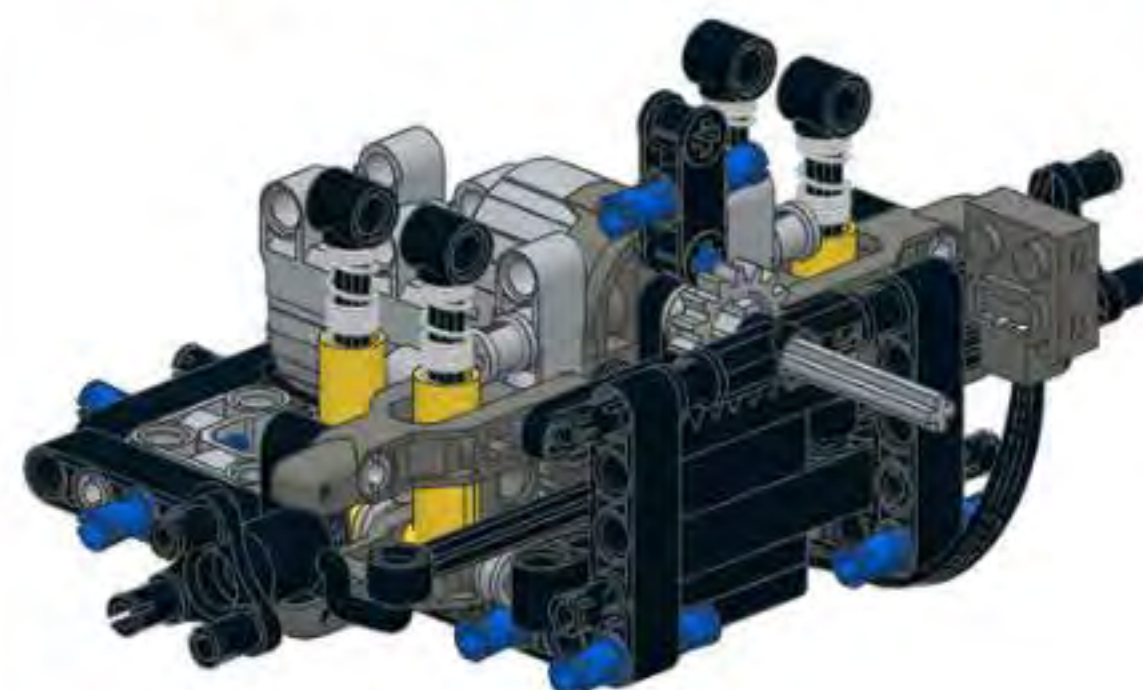
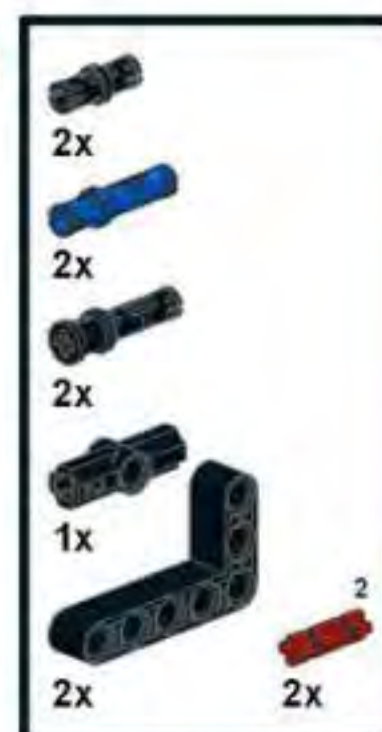


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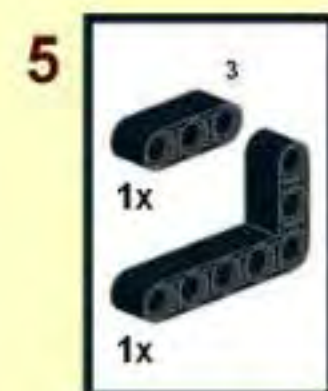
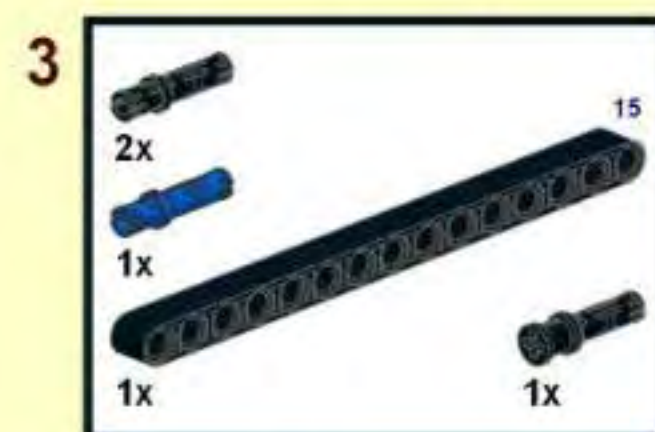
Make sure the servo and the steering rack are centered at this point.

10



11





12

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

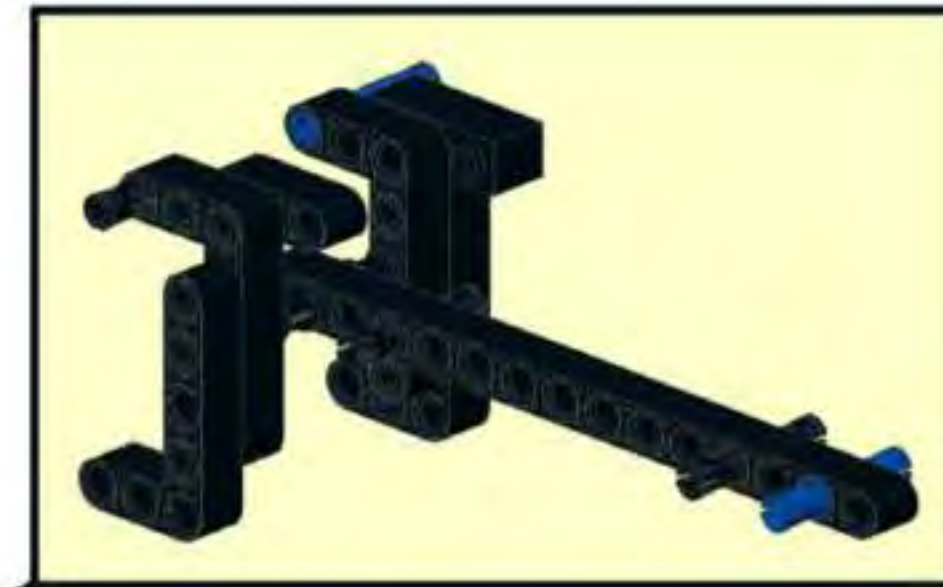


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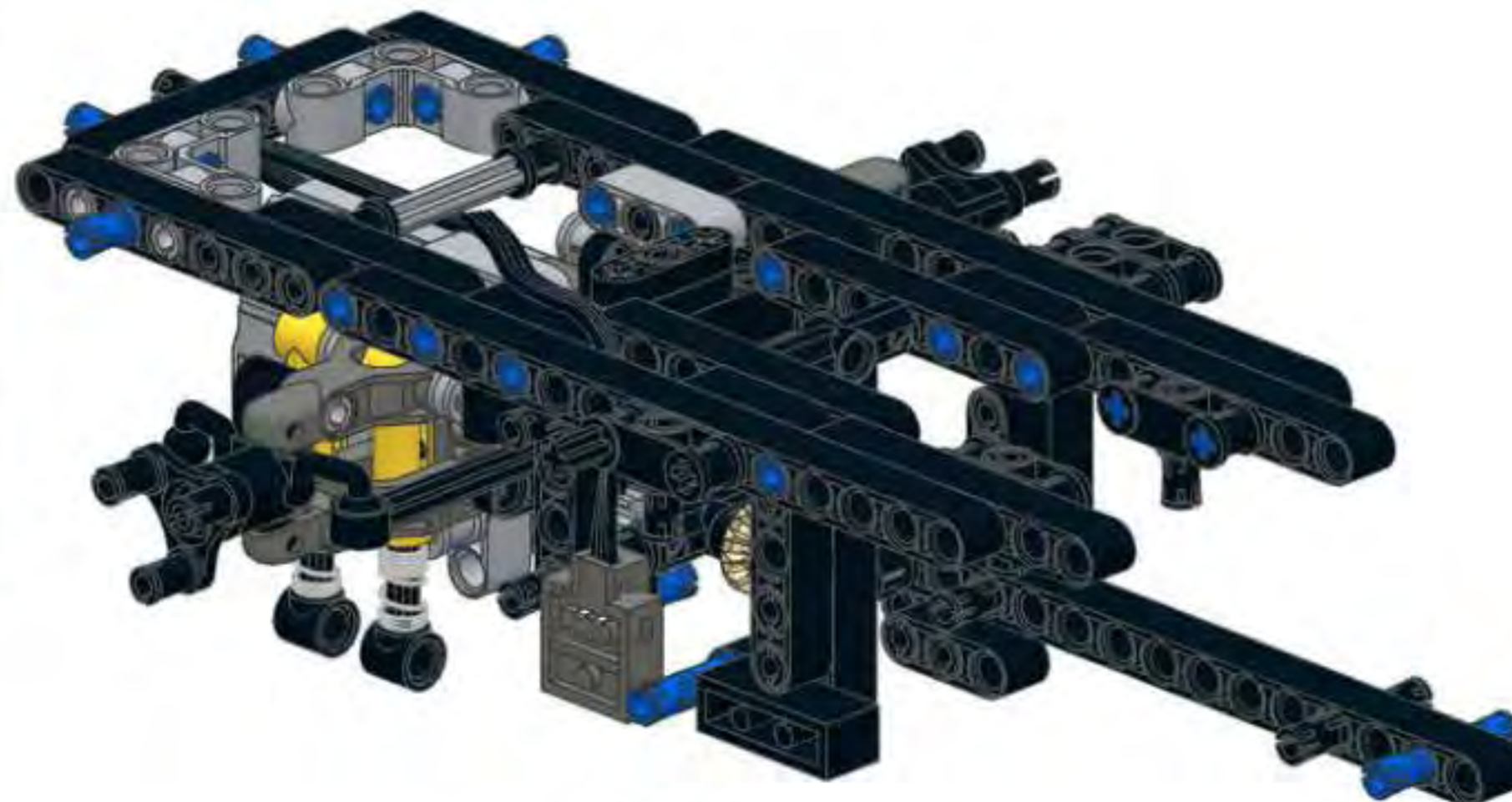
- 4x
- 2x
- 2x
- 2x
- 7



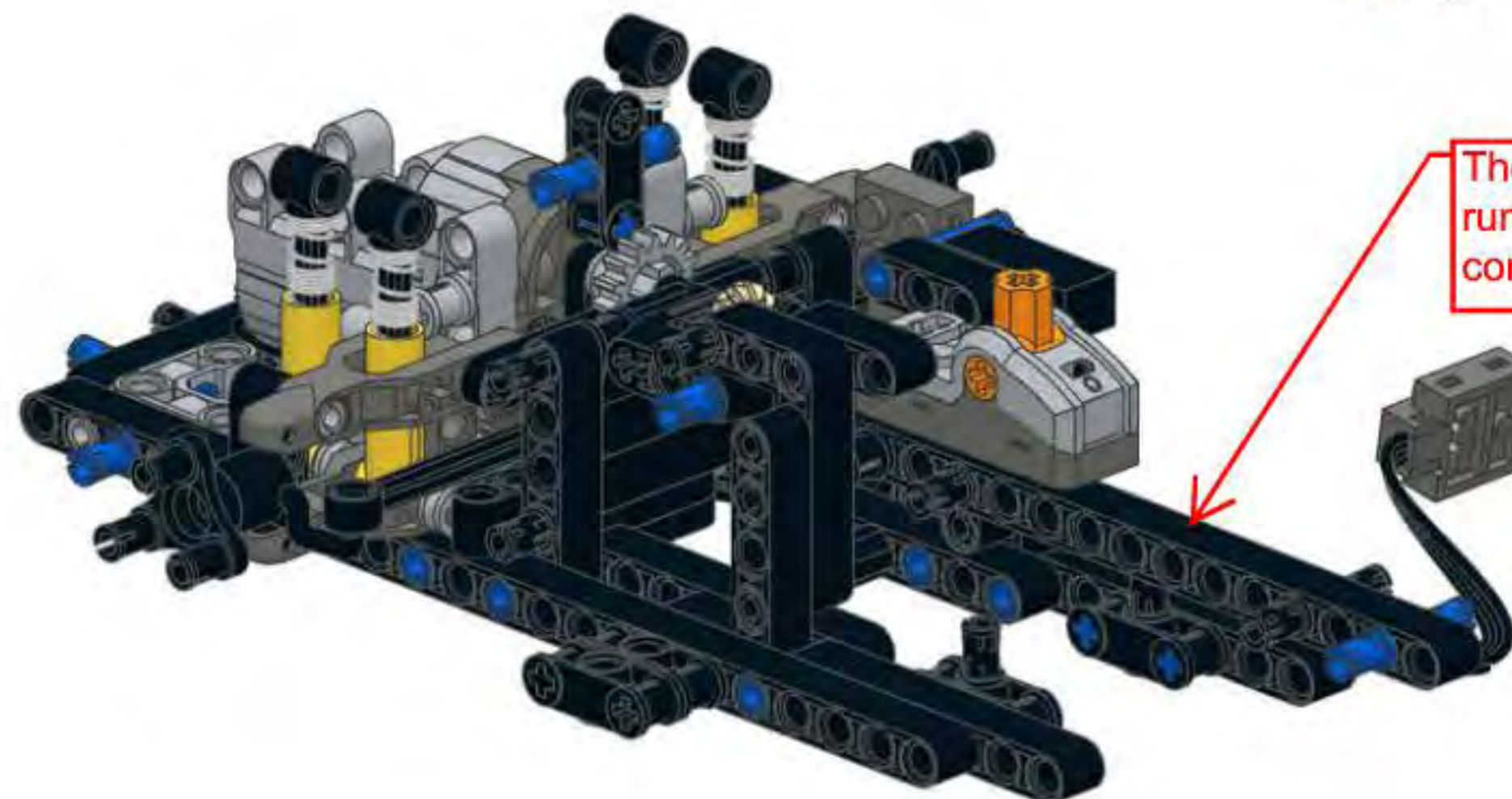
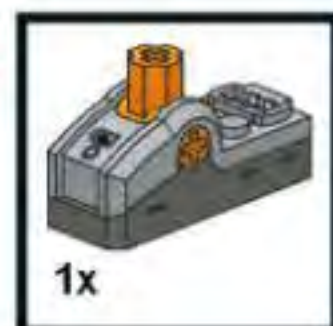
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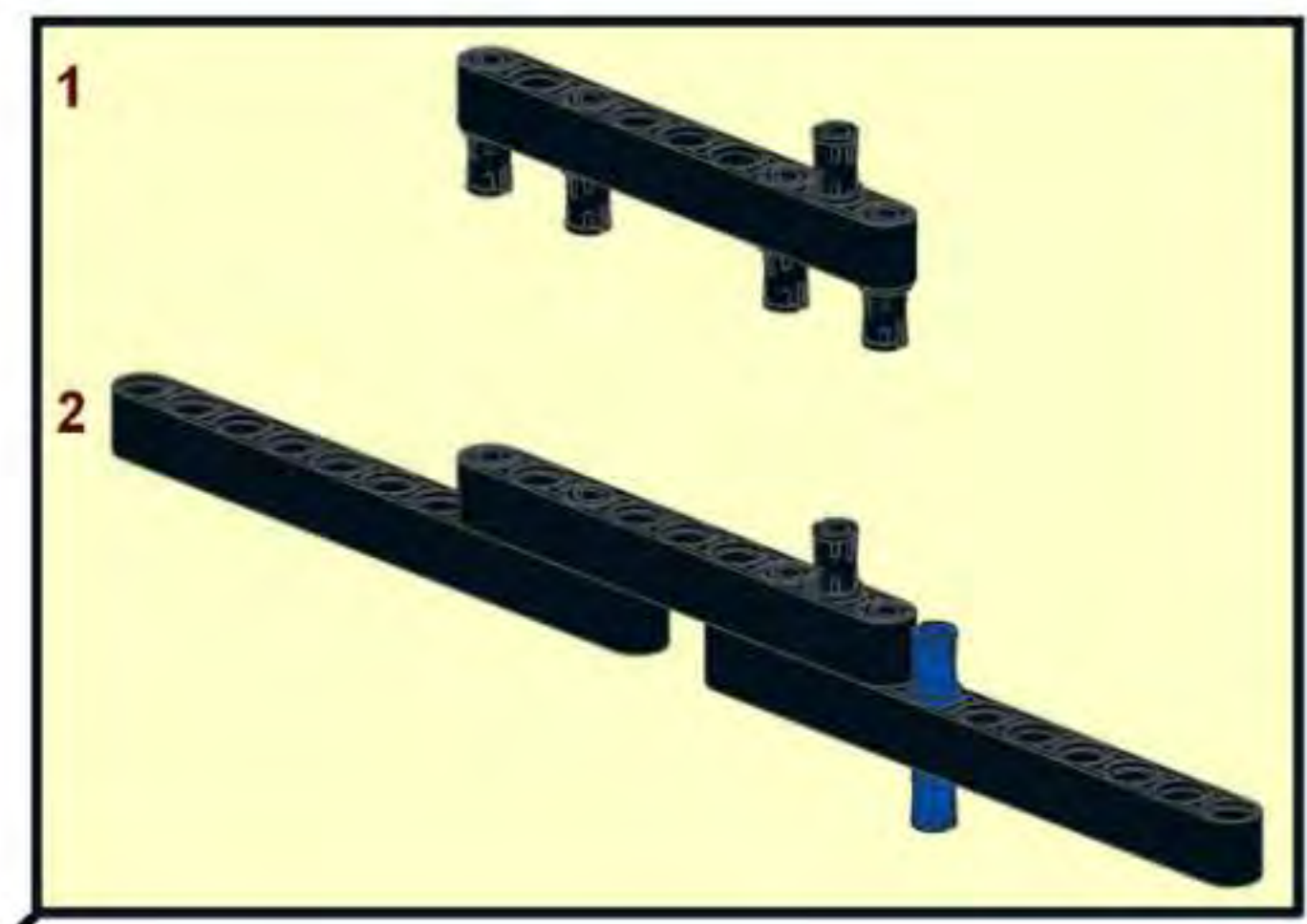
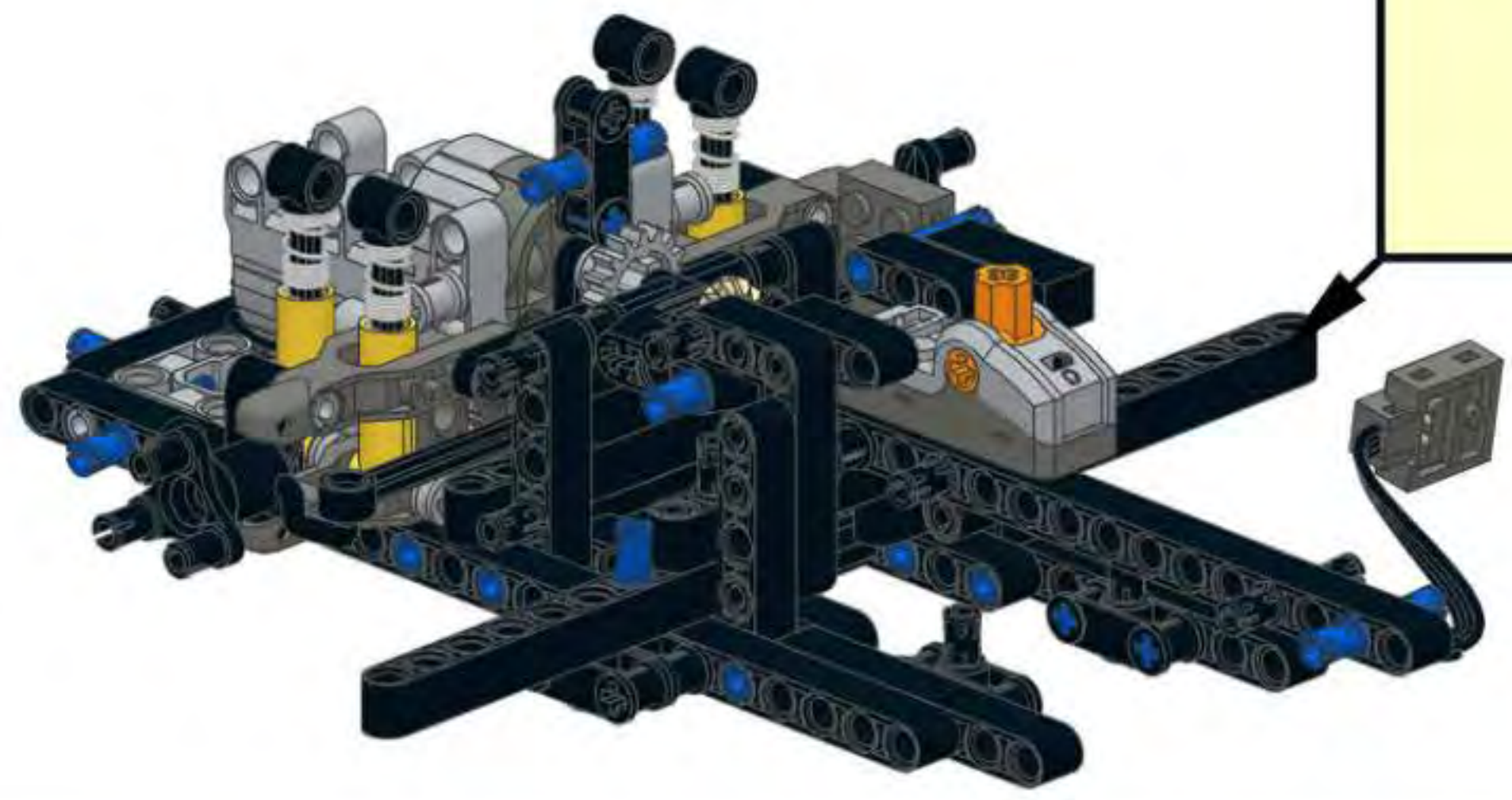


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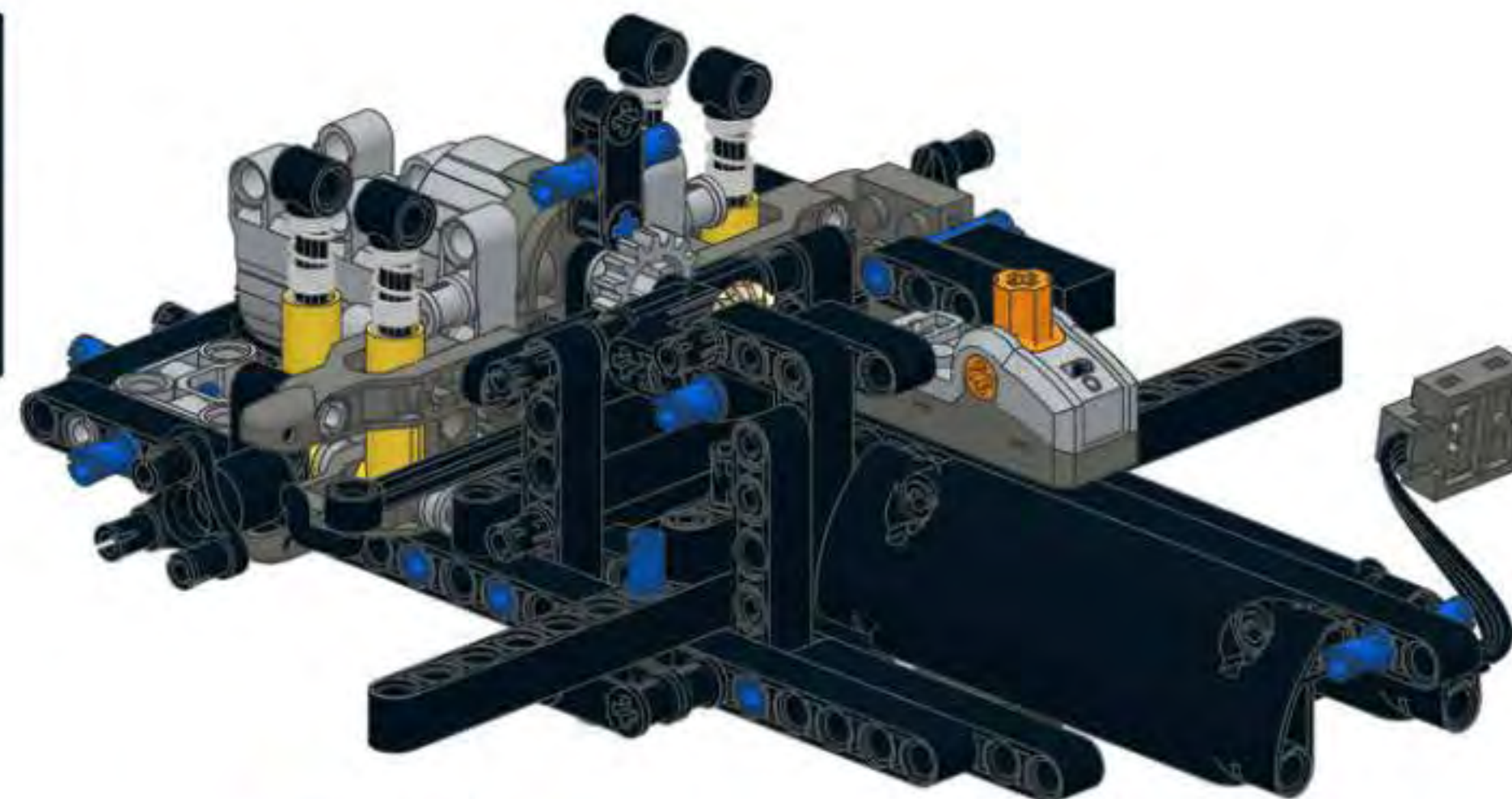


The wire for the pole reverser runs under this beam and will connect directly to the battery.

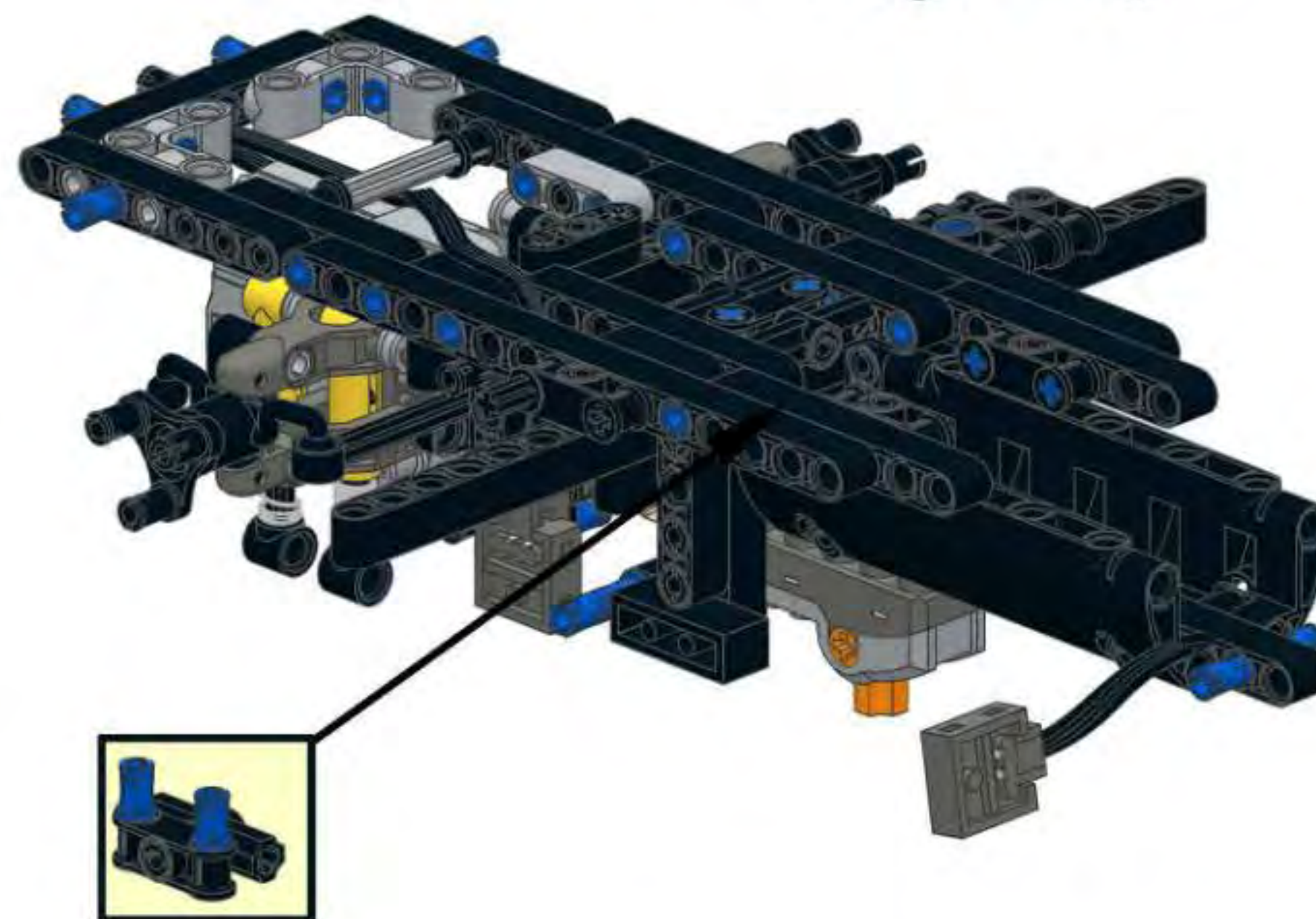
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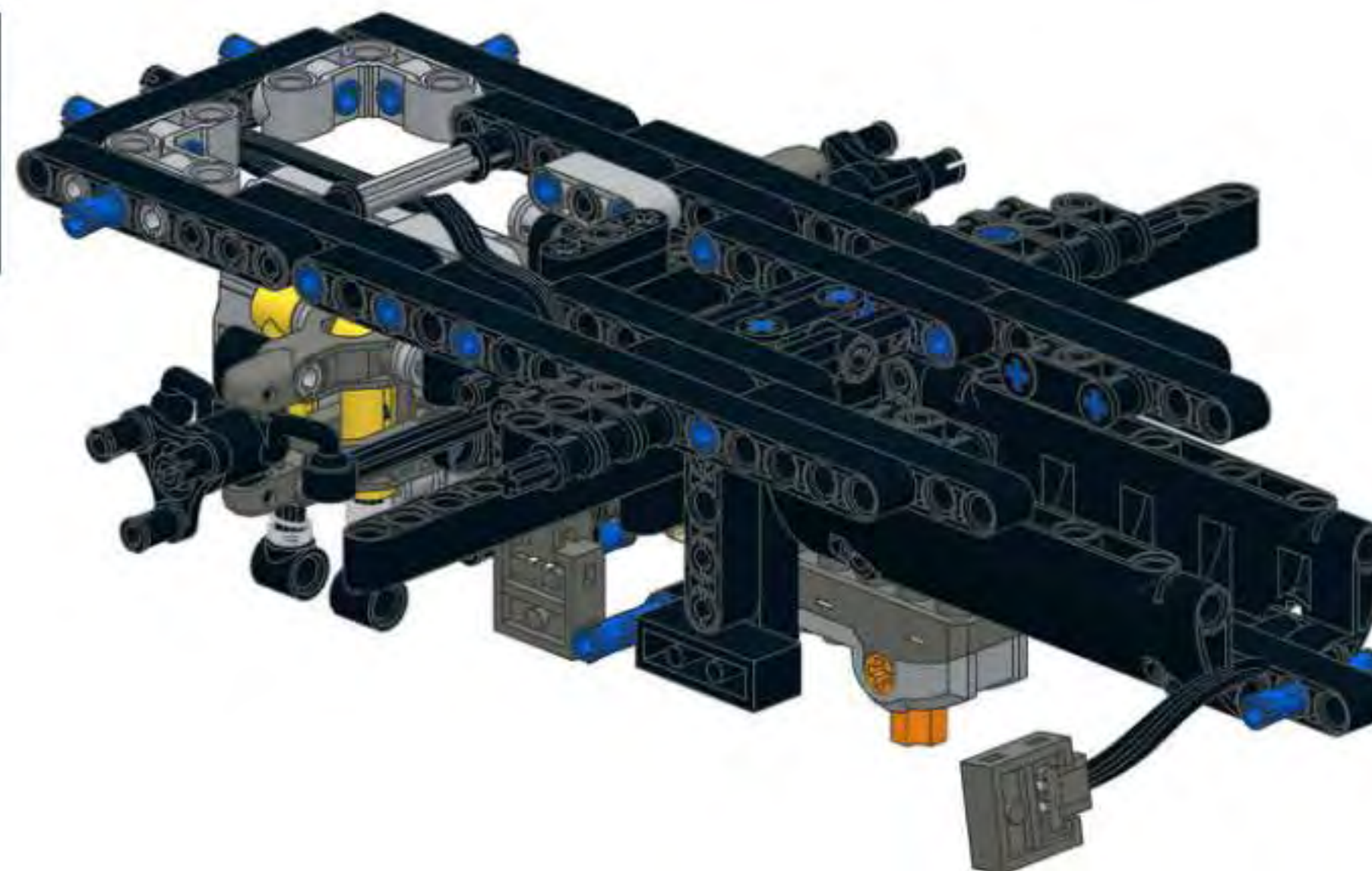
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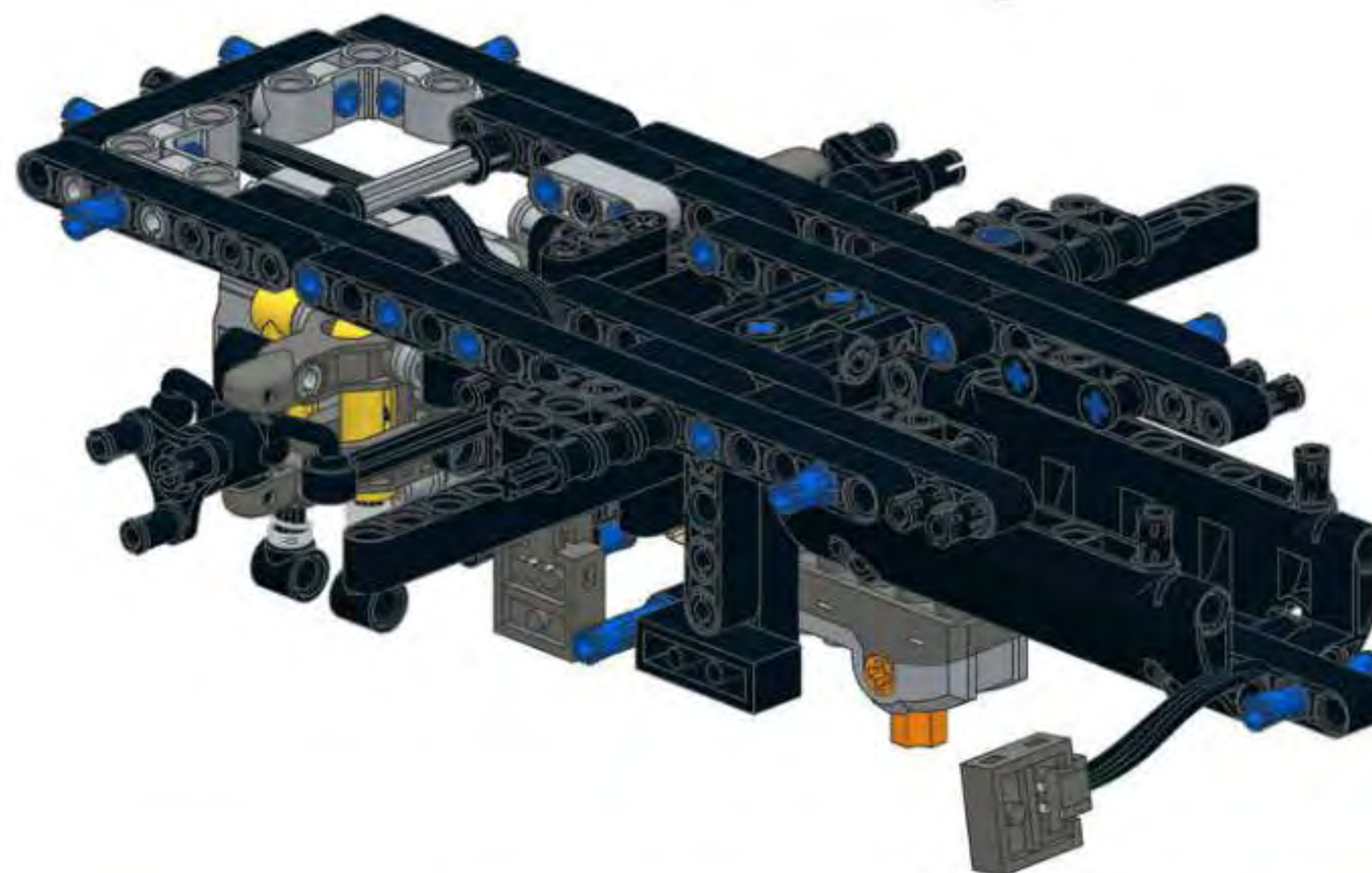
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20

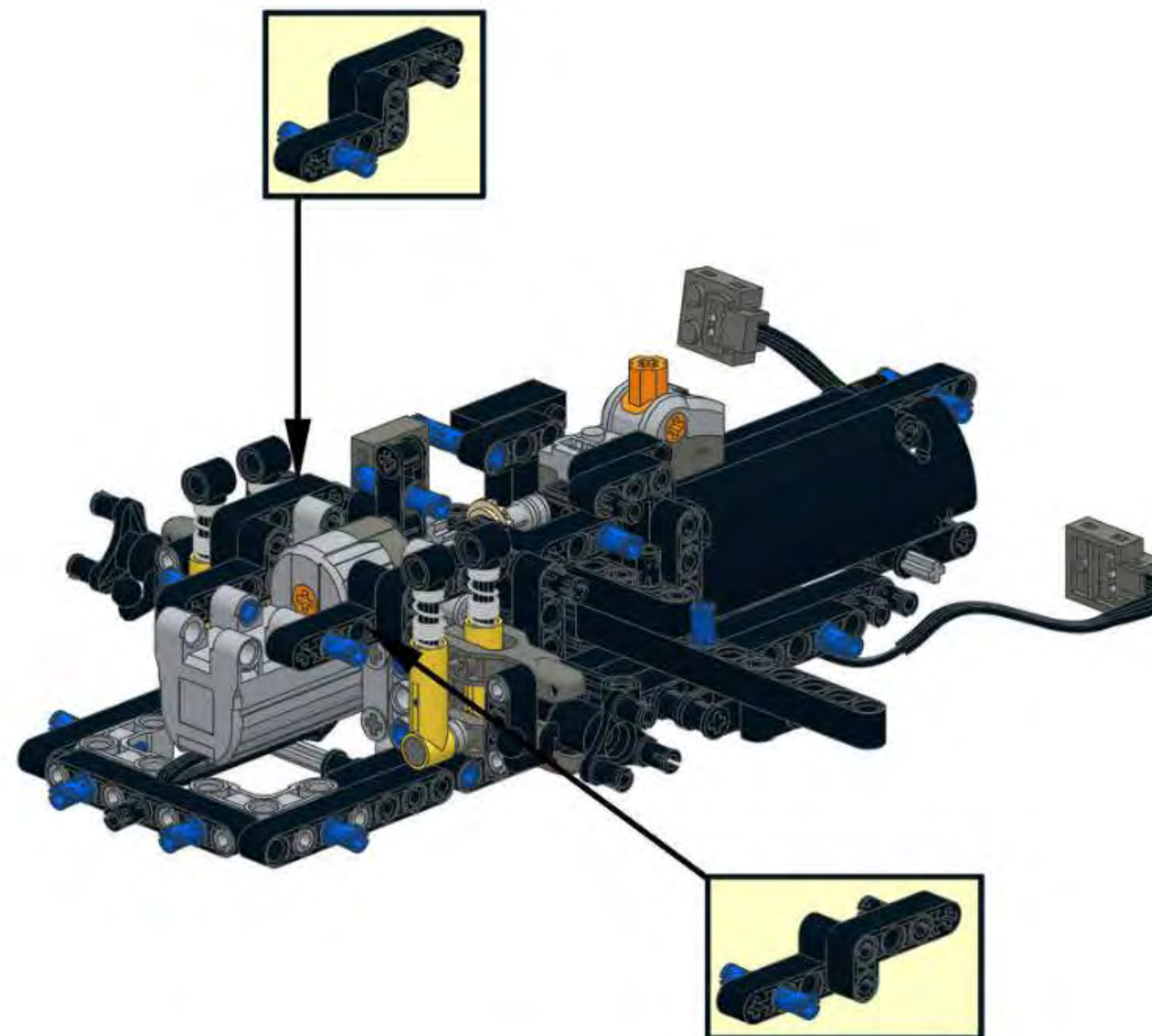


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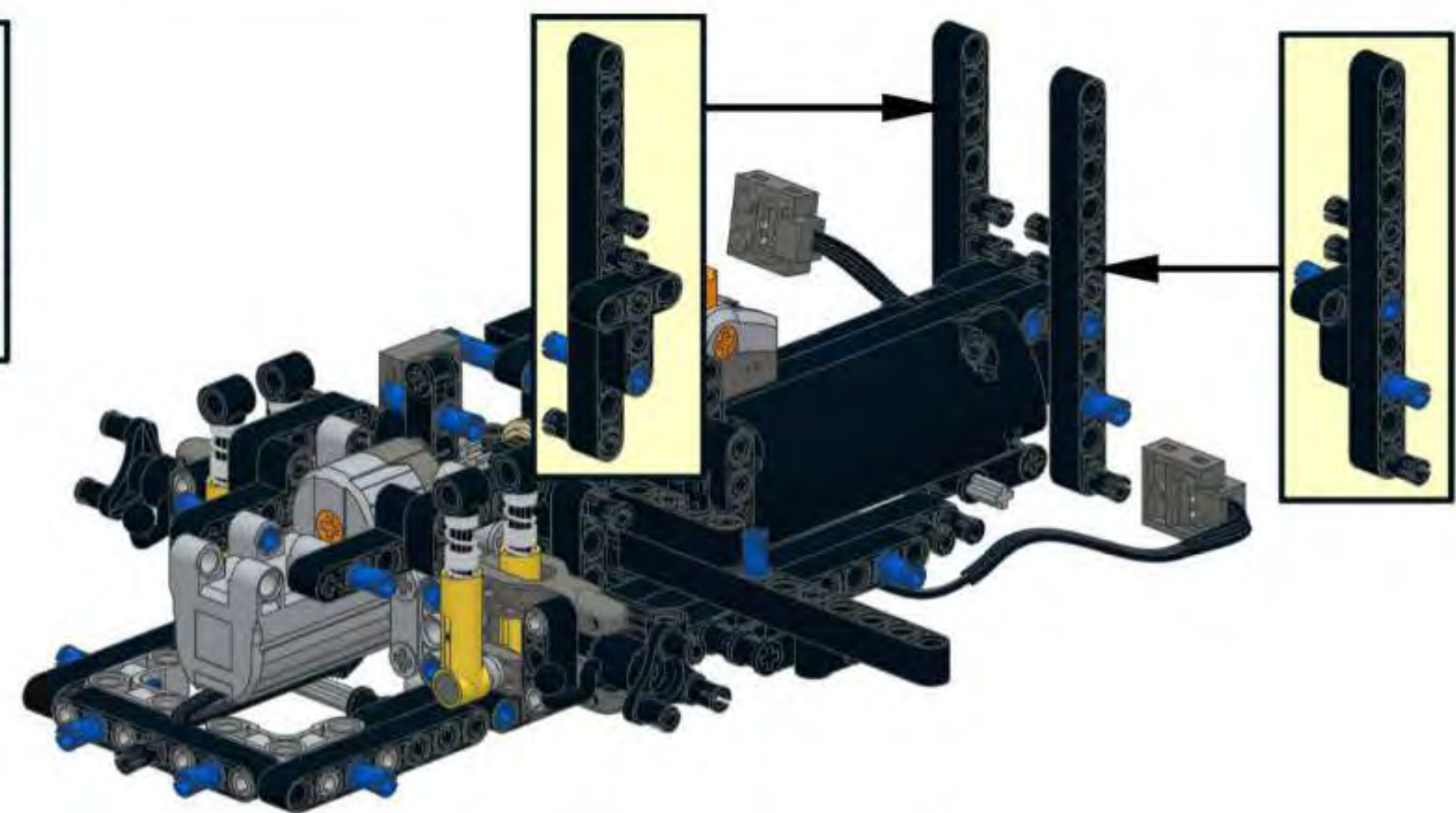


Red Spider

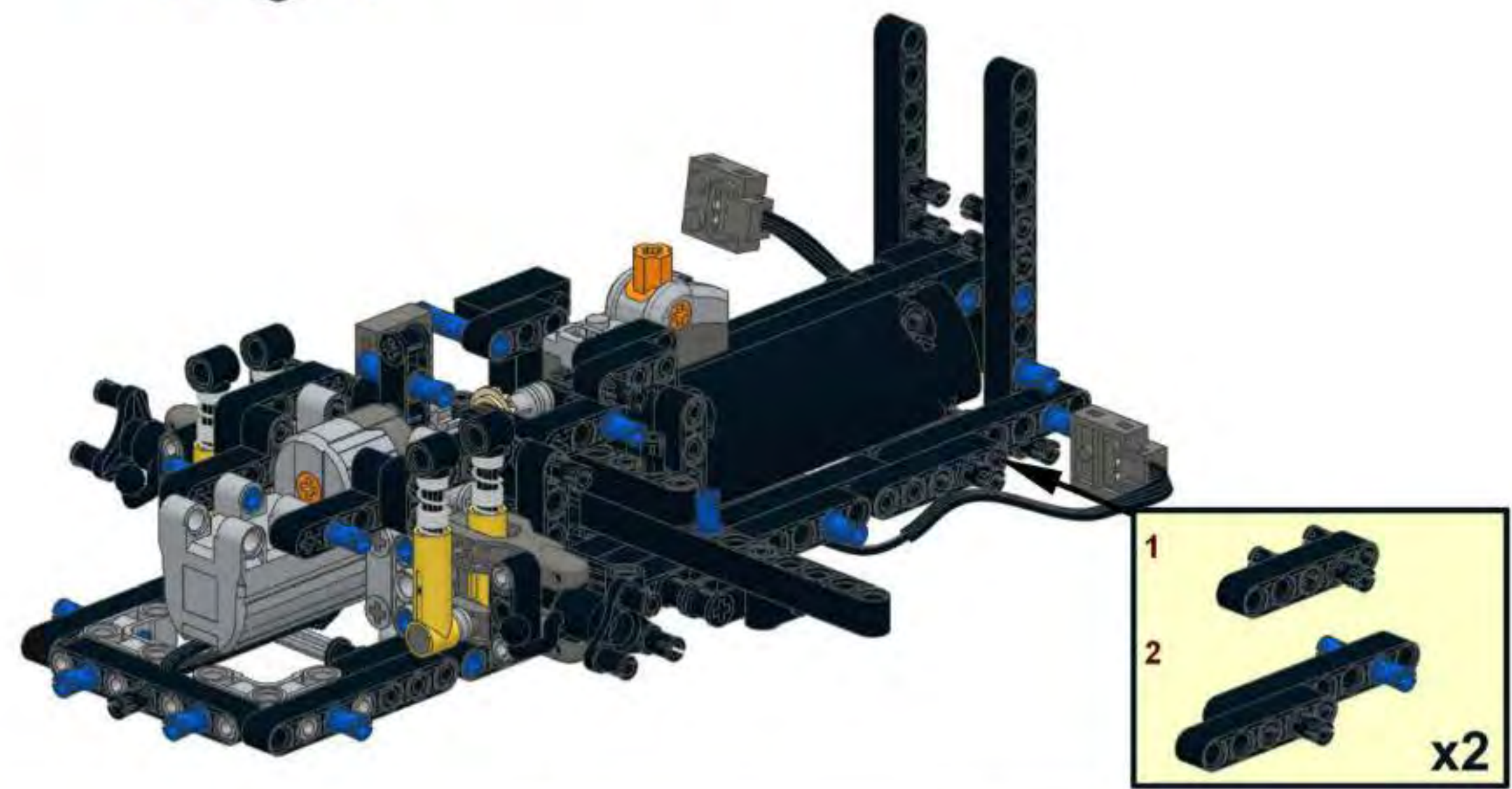
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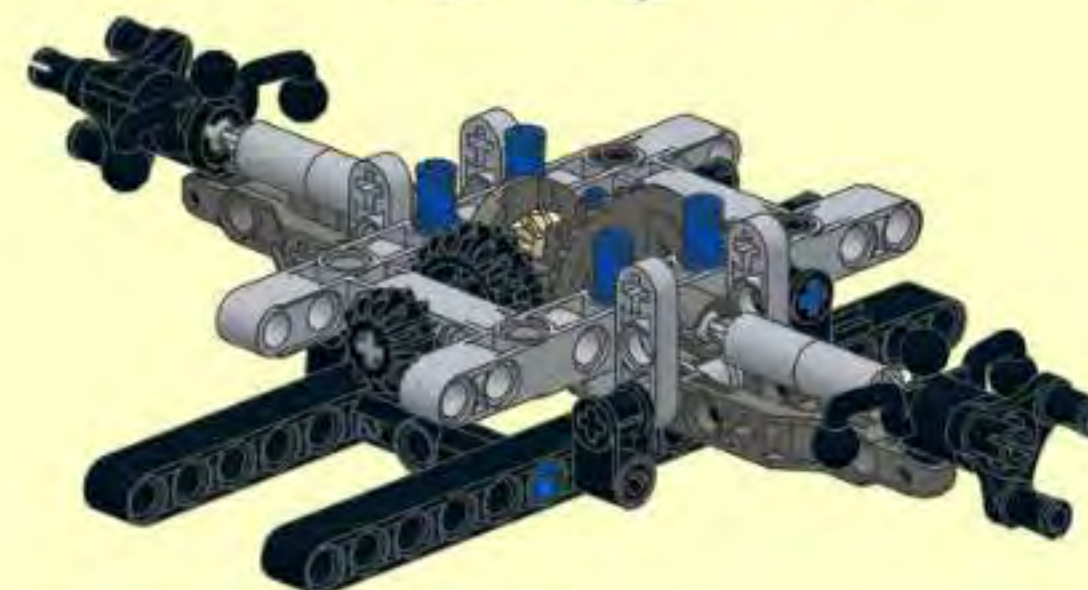
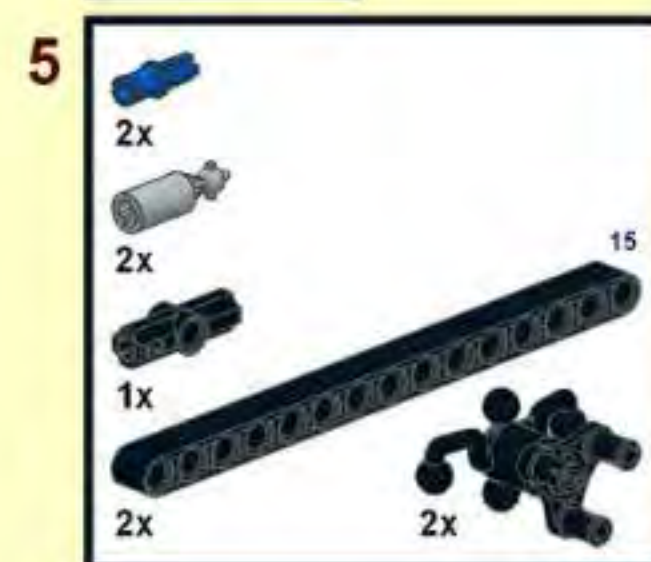
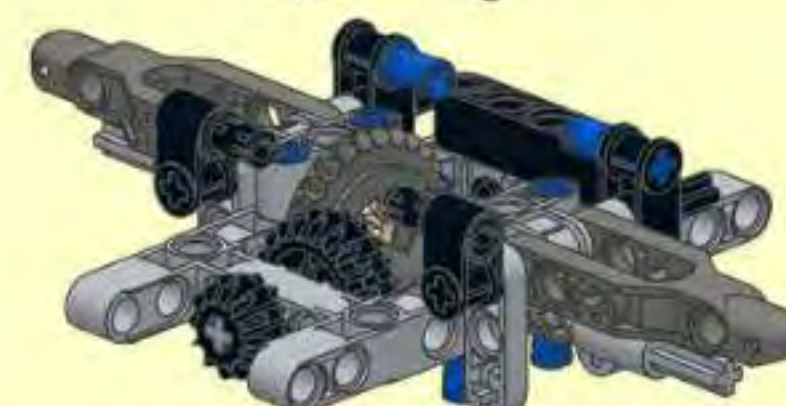
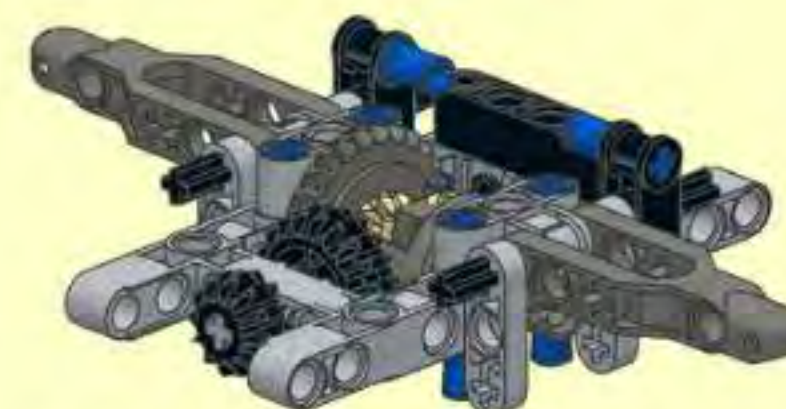
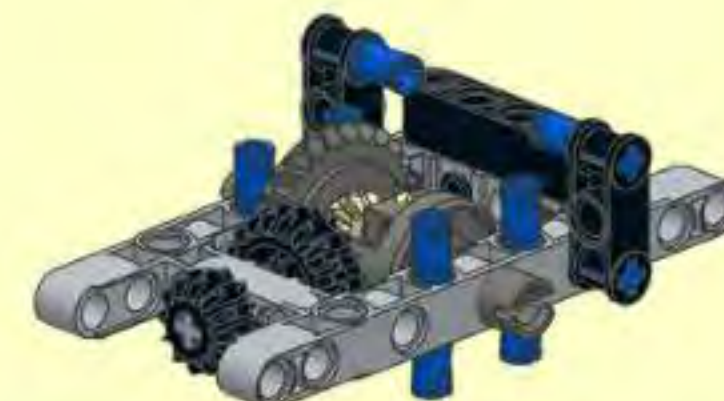
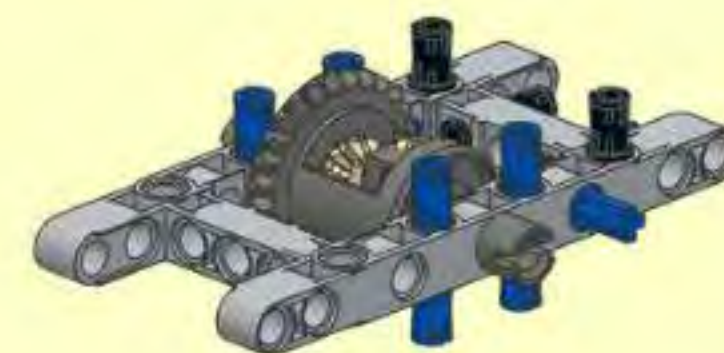
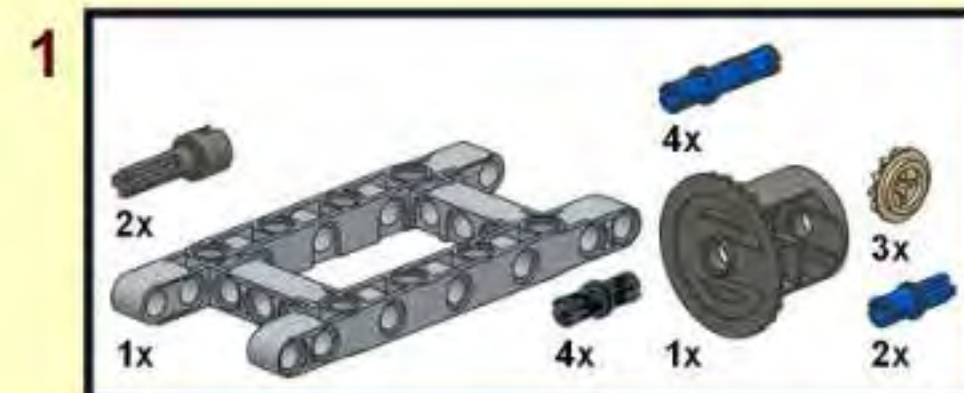


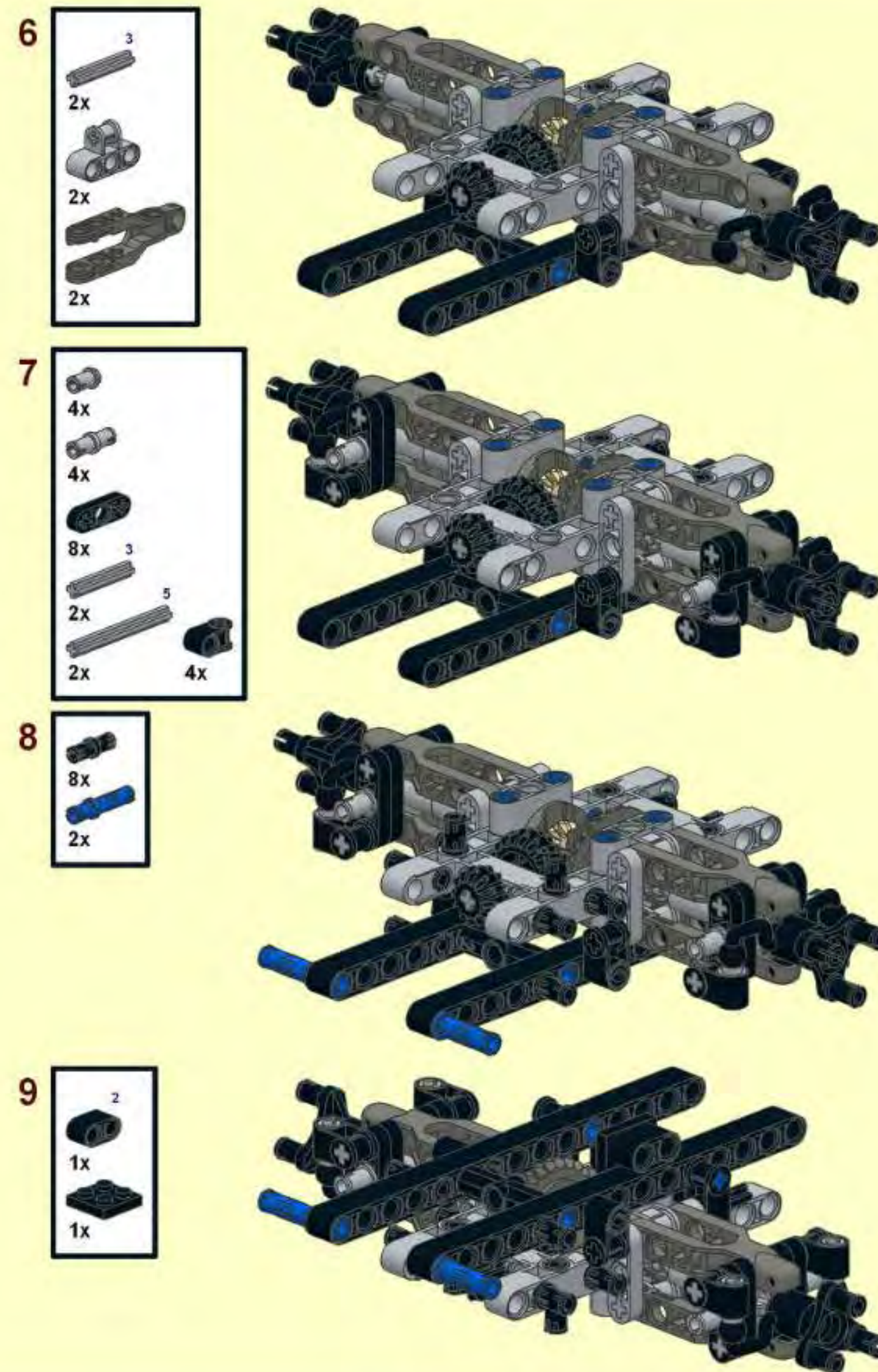
- 25
- 8x
 - 2x
 - 2x
 - 11
 - 3x



- 26
- 2x
 - 5
 - 2x
 - 7
 - 2x
 - 6x

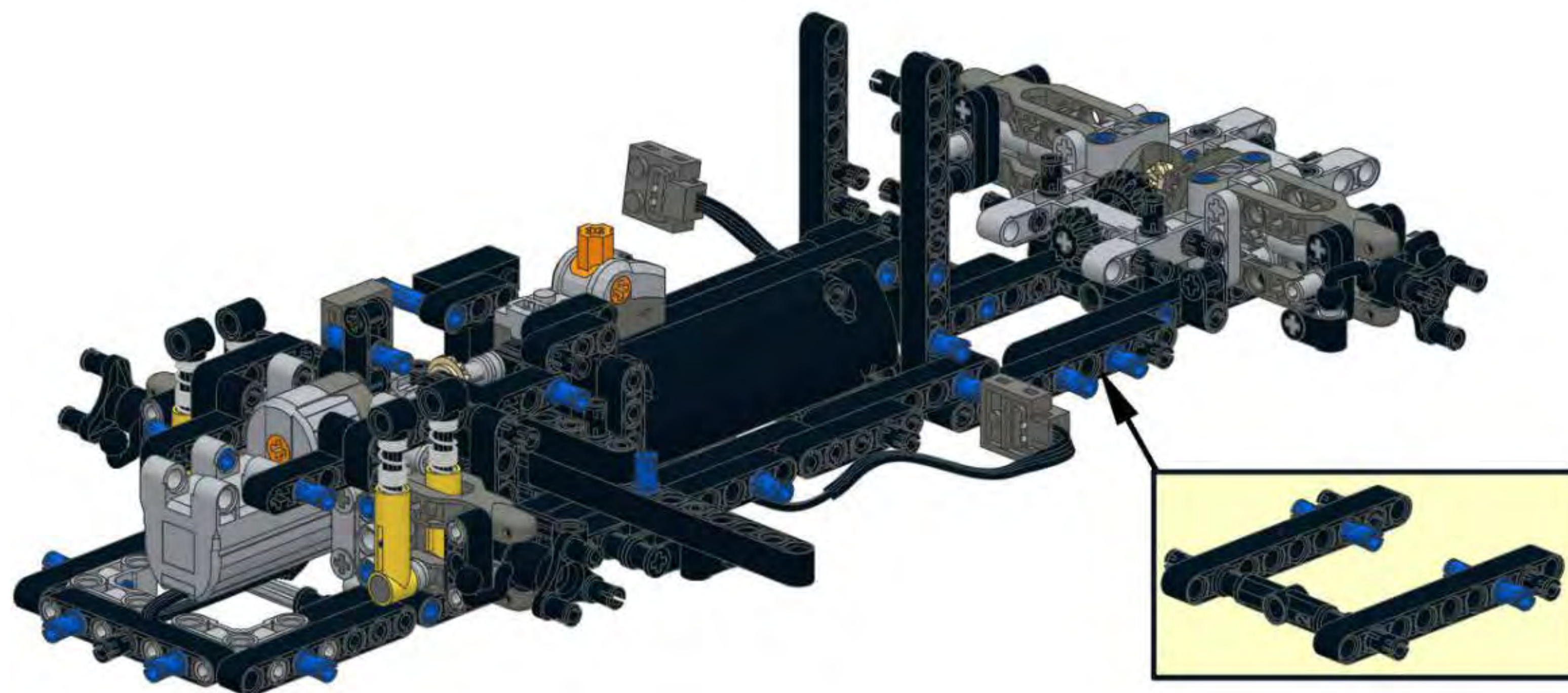






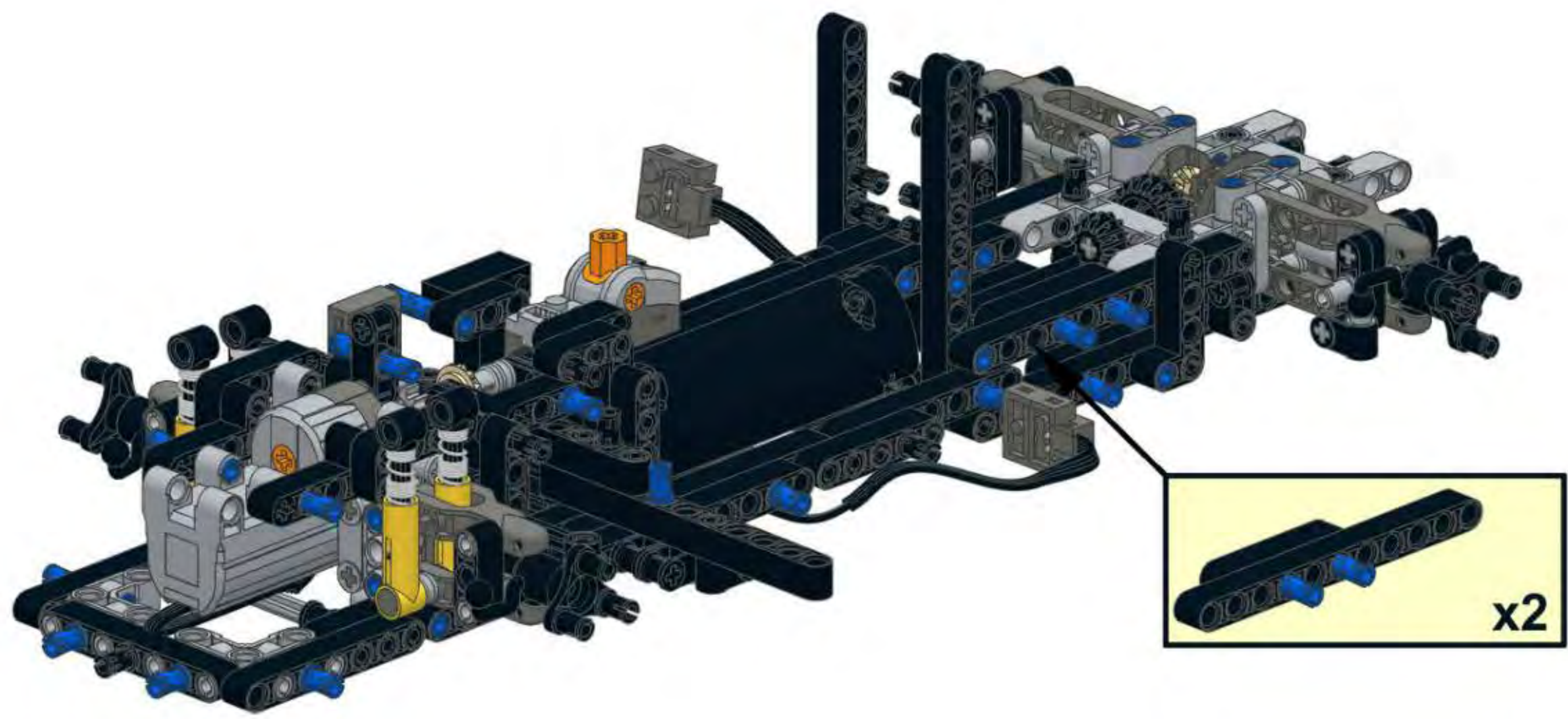
Red Spider

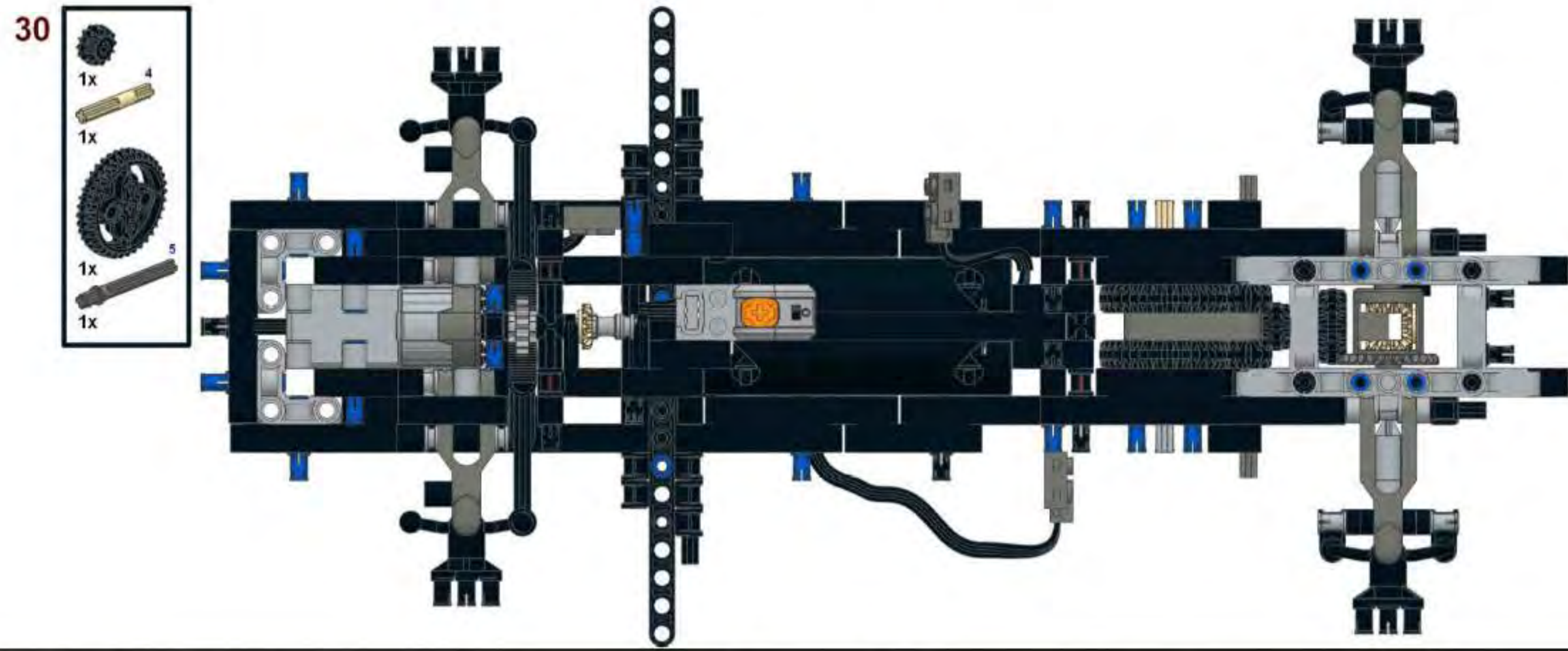
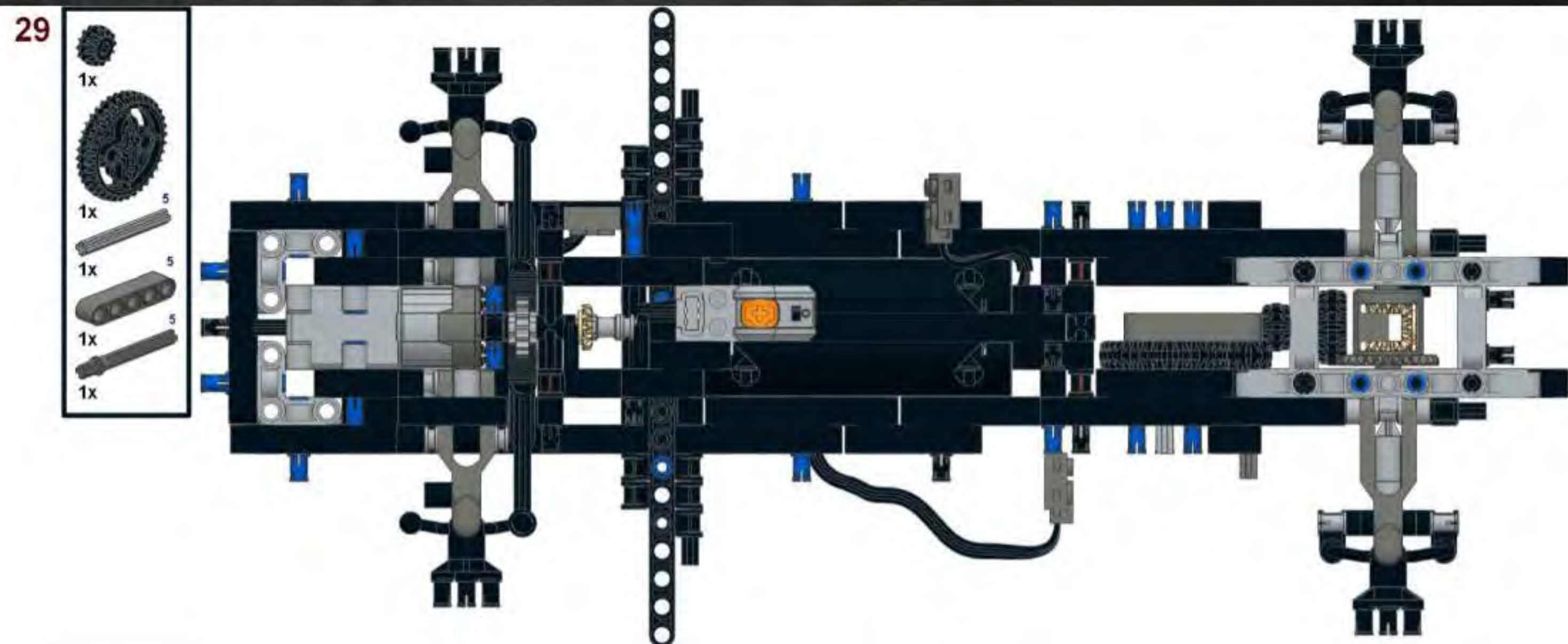
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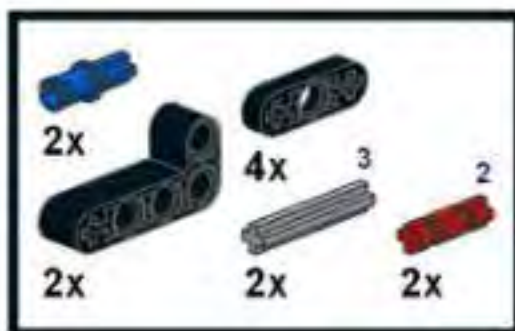
Red Spider

28

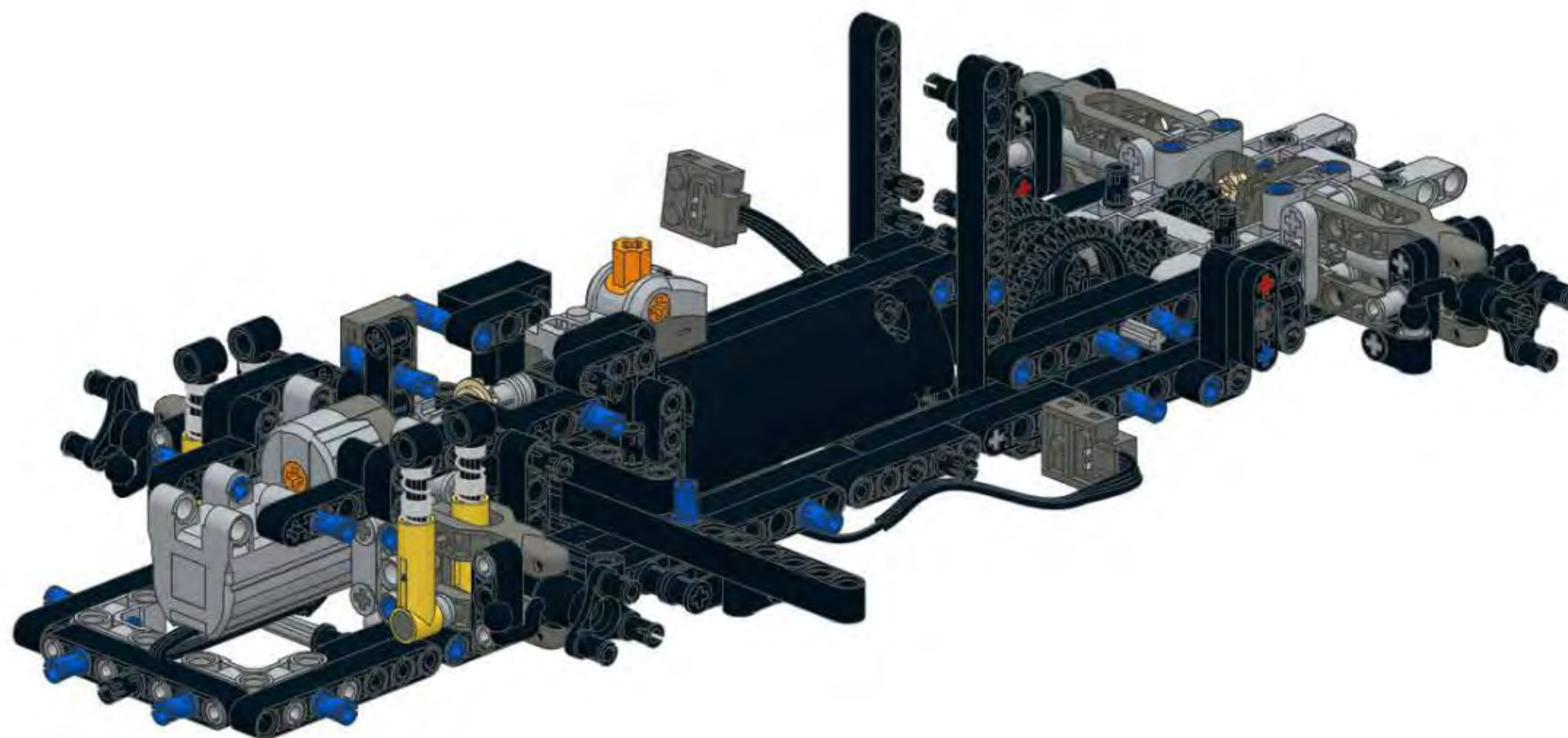




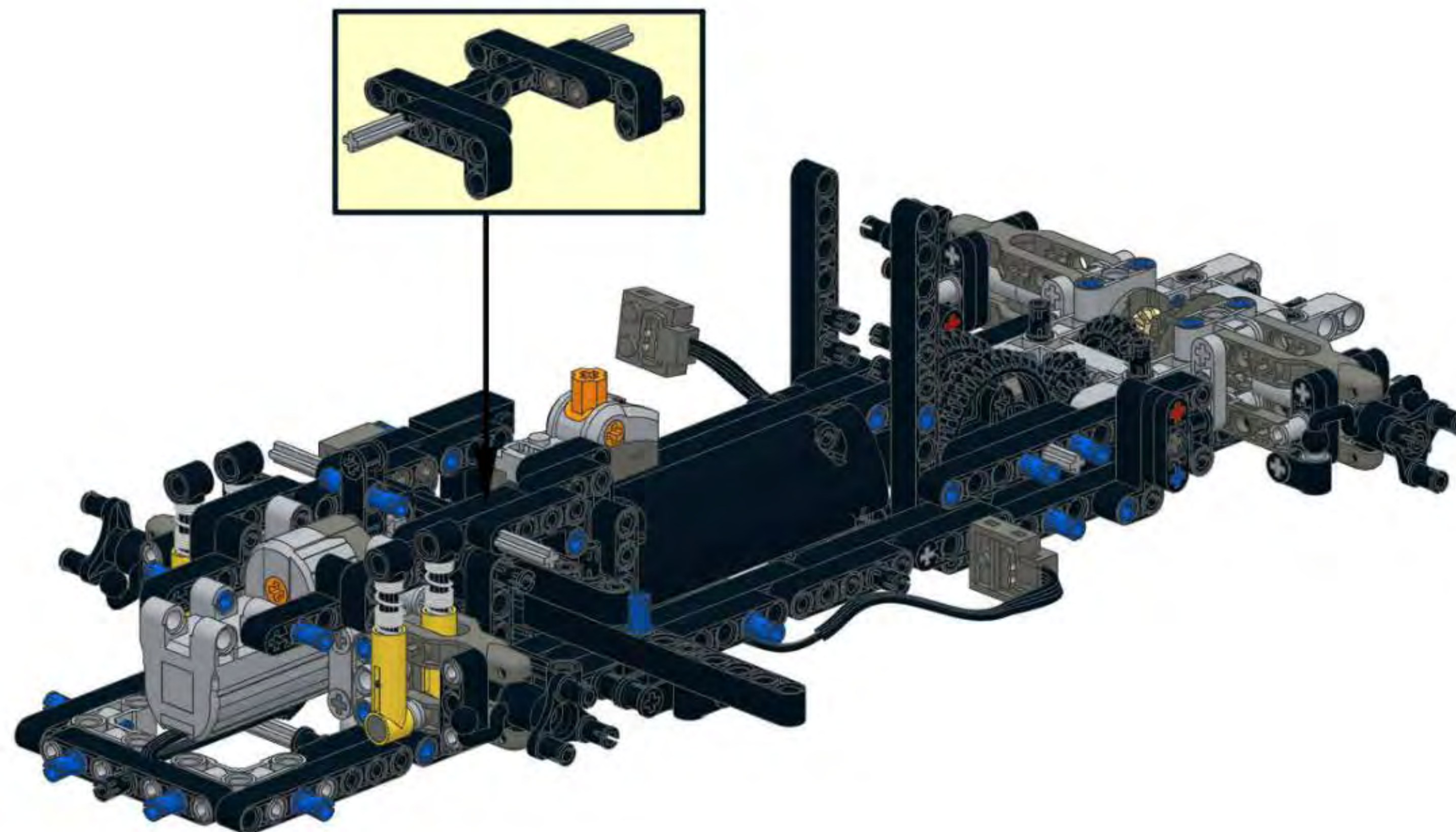
31



Red Spider



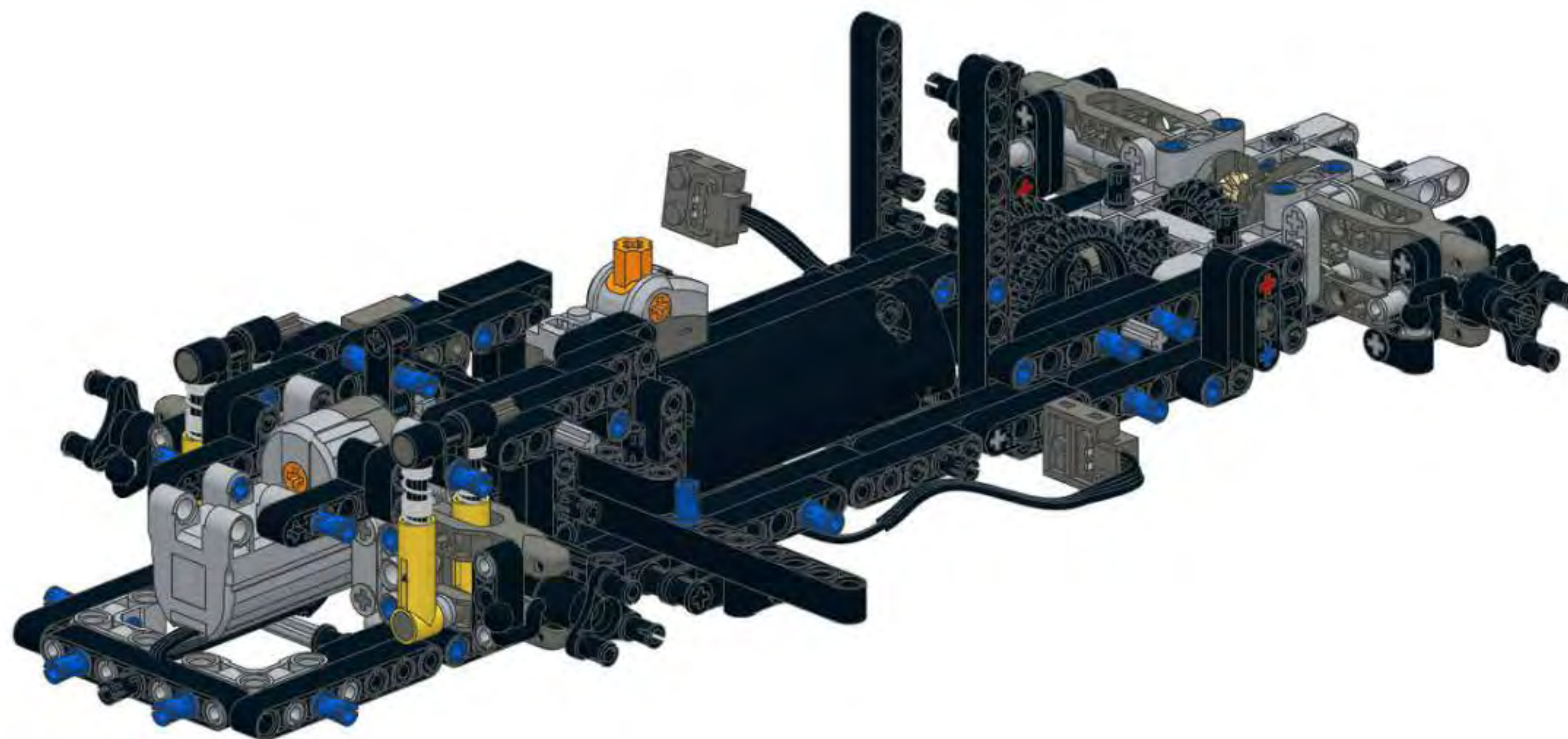
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33

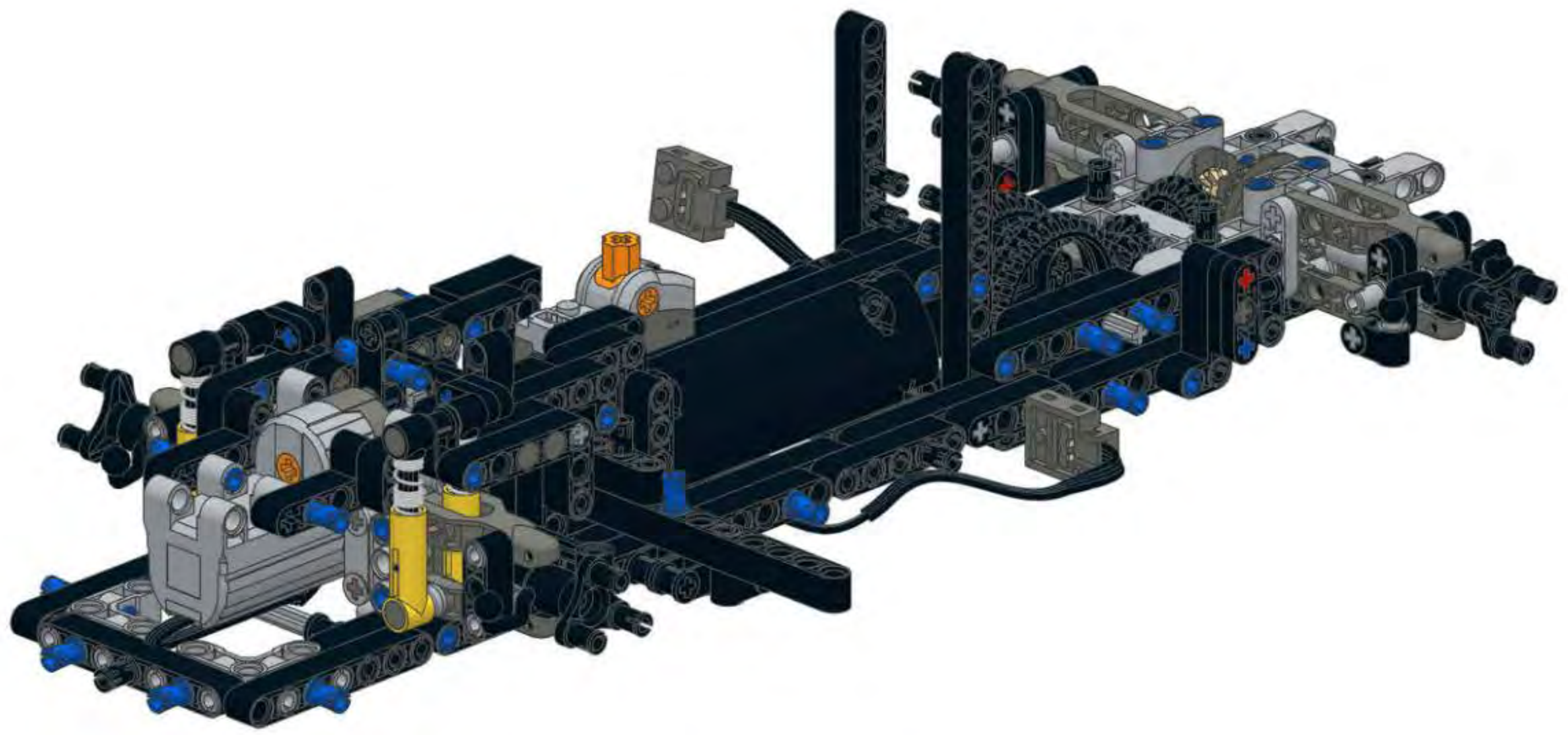


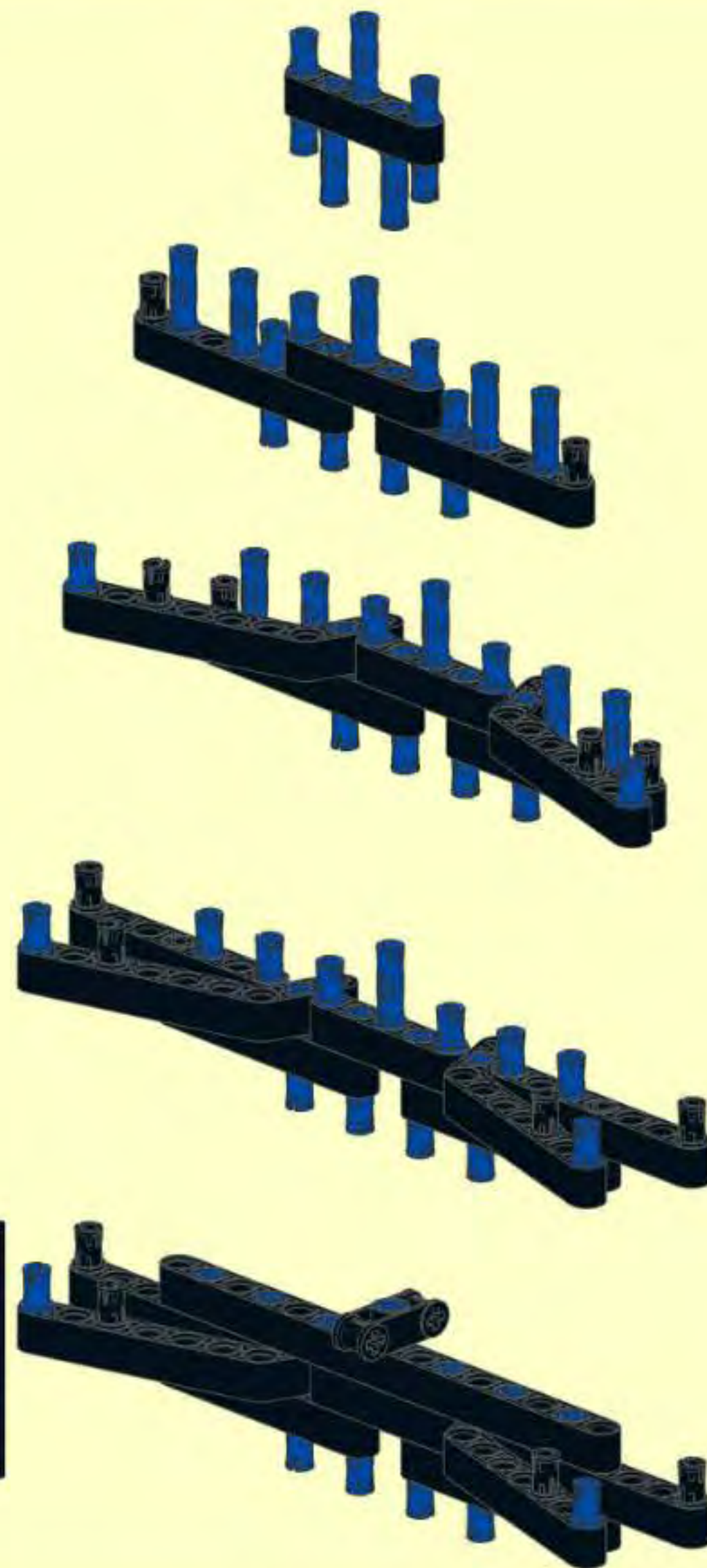
Red Spider



Red Spider

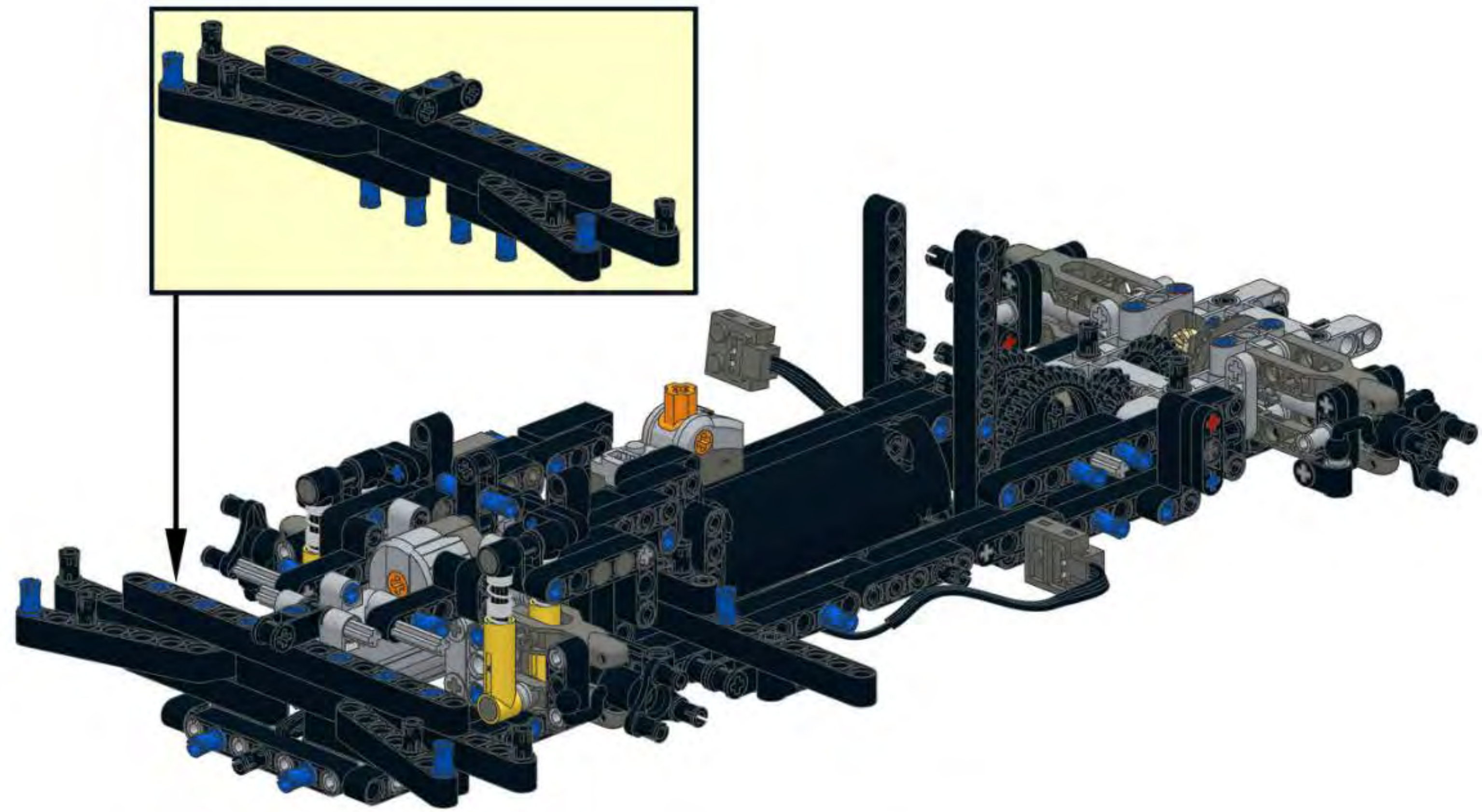
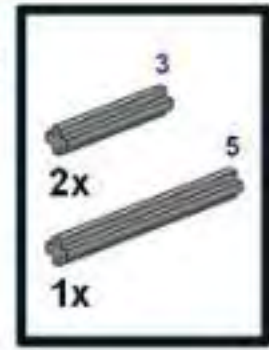
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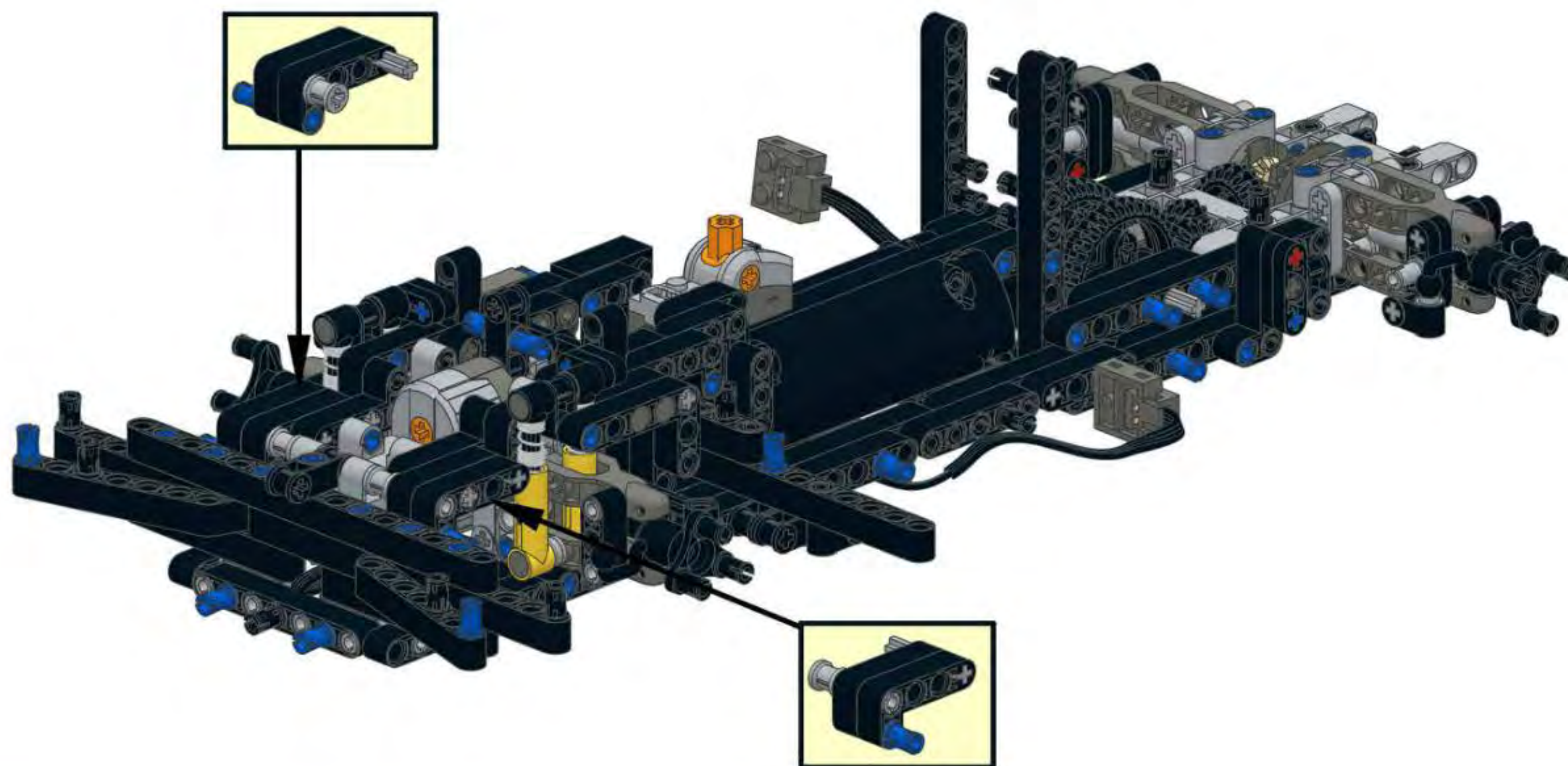


Red Spider

35

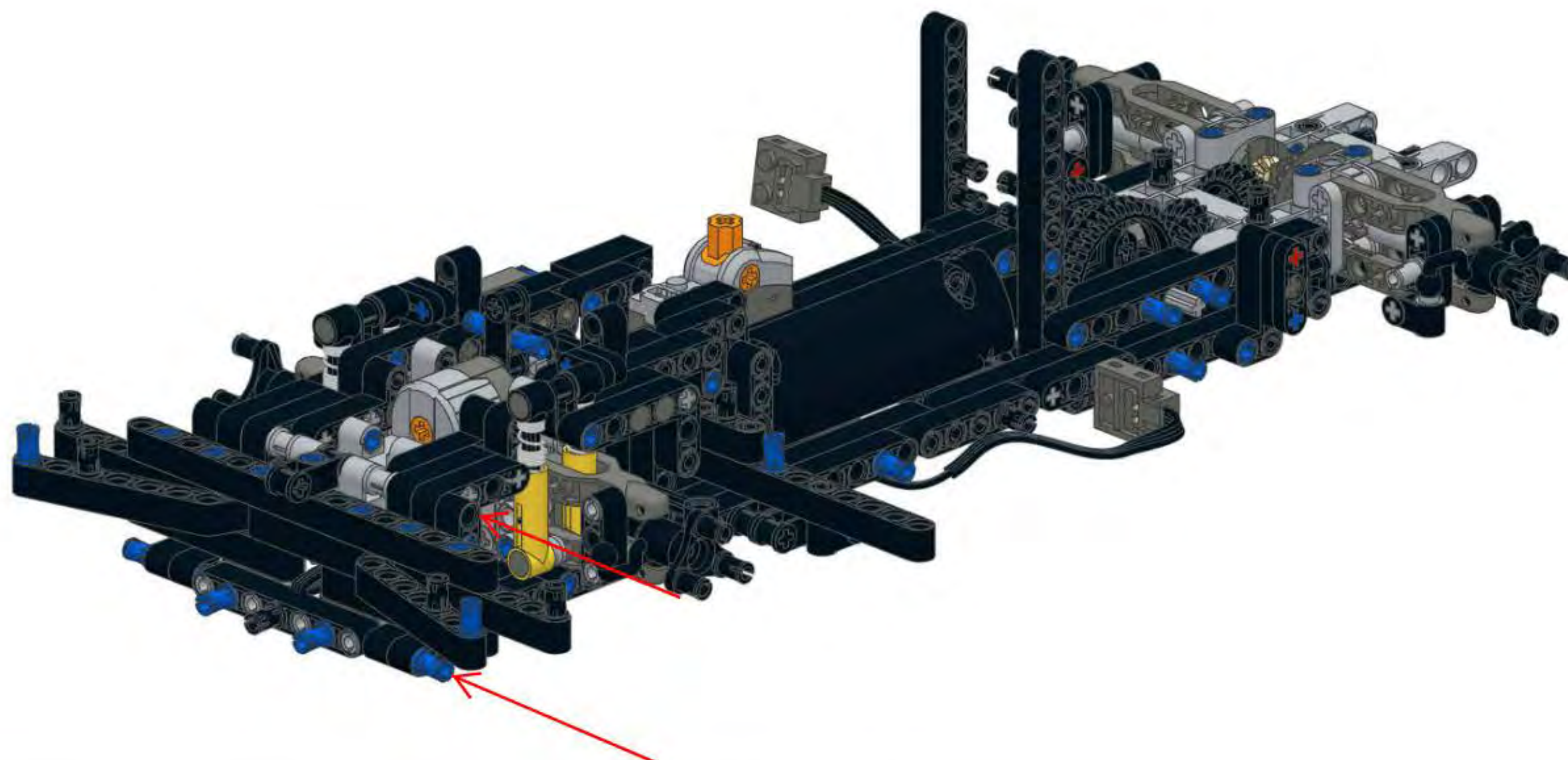


36



Red Spider

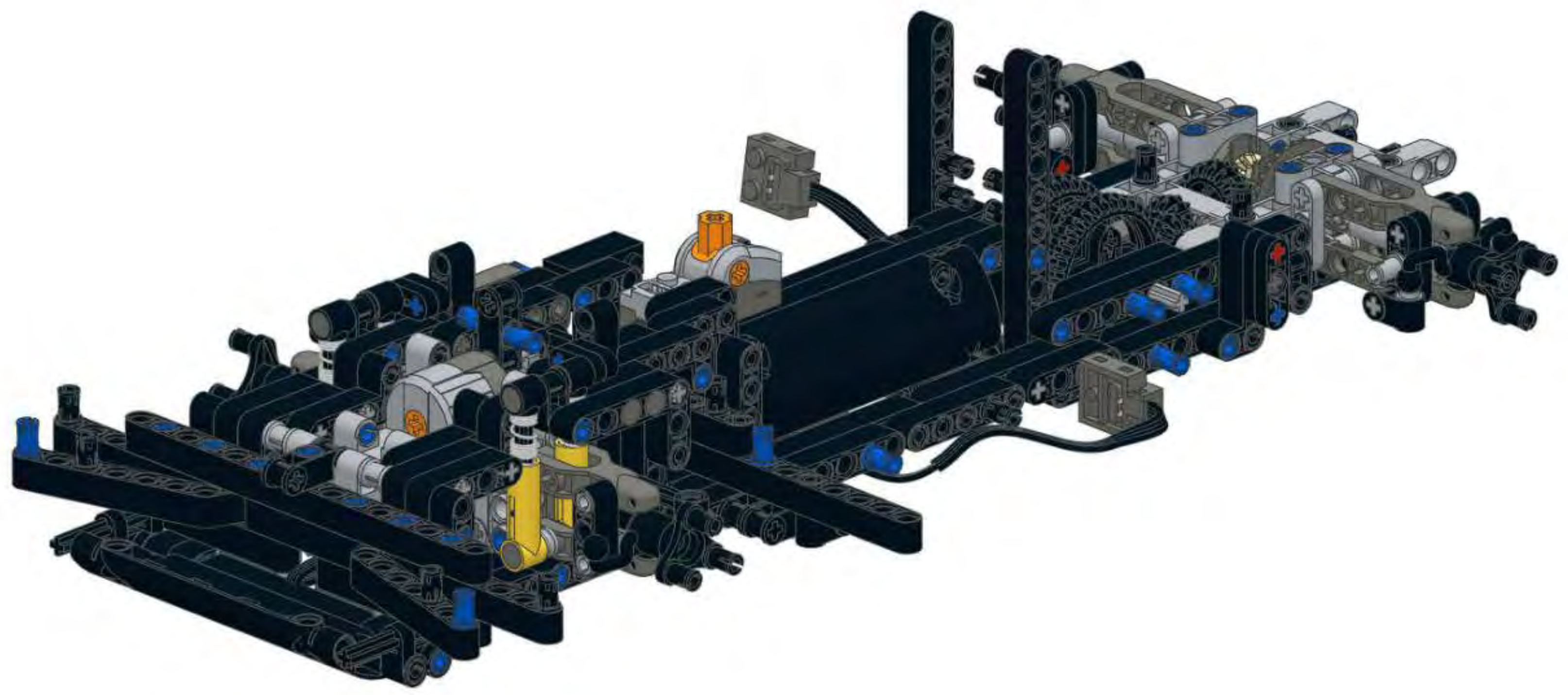
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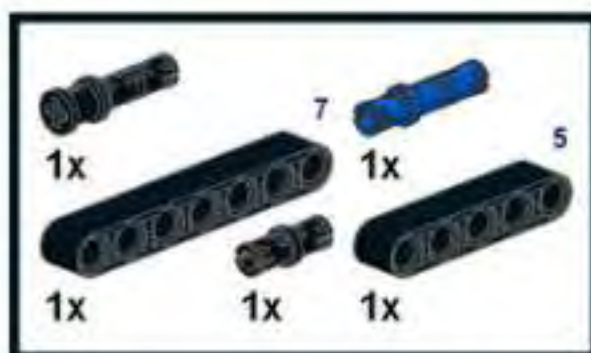
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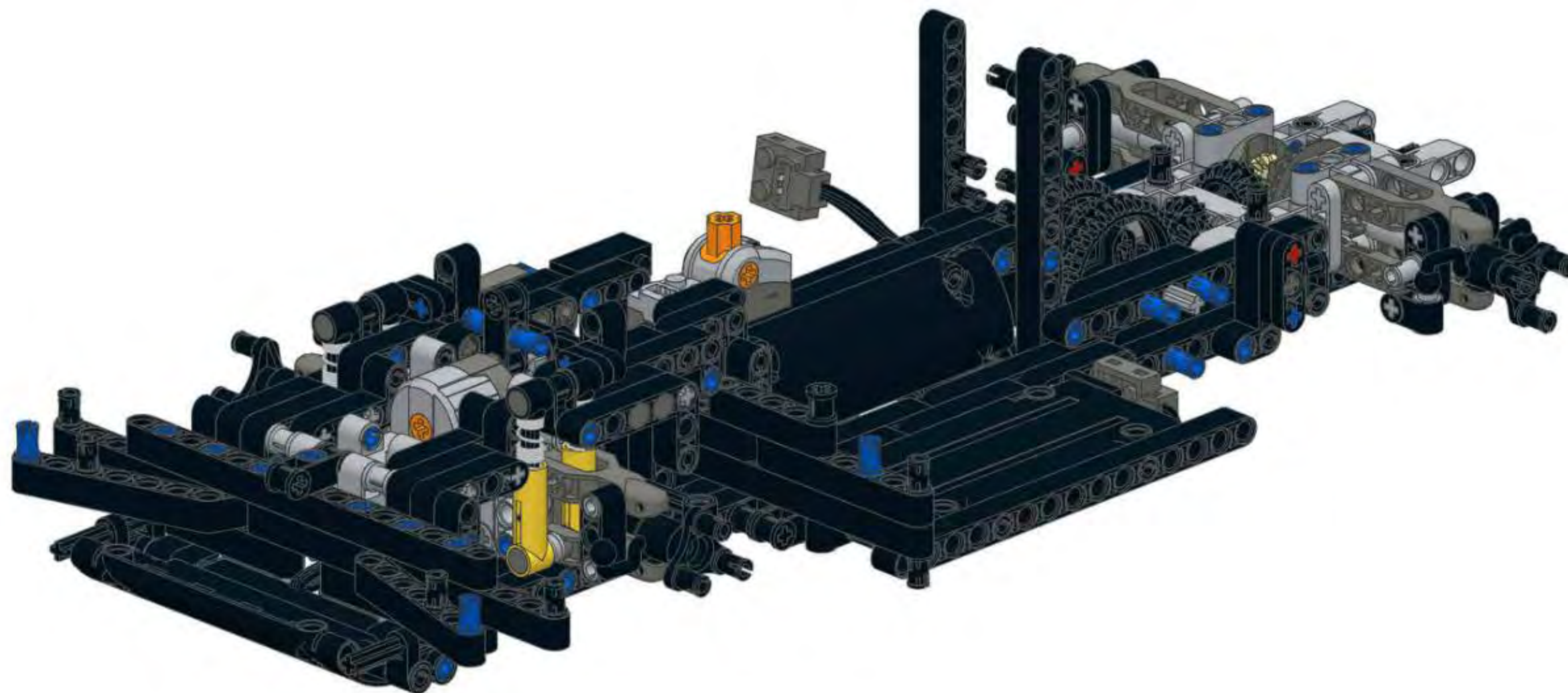
Red Spider



40

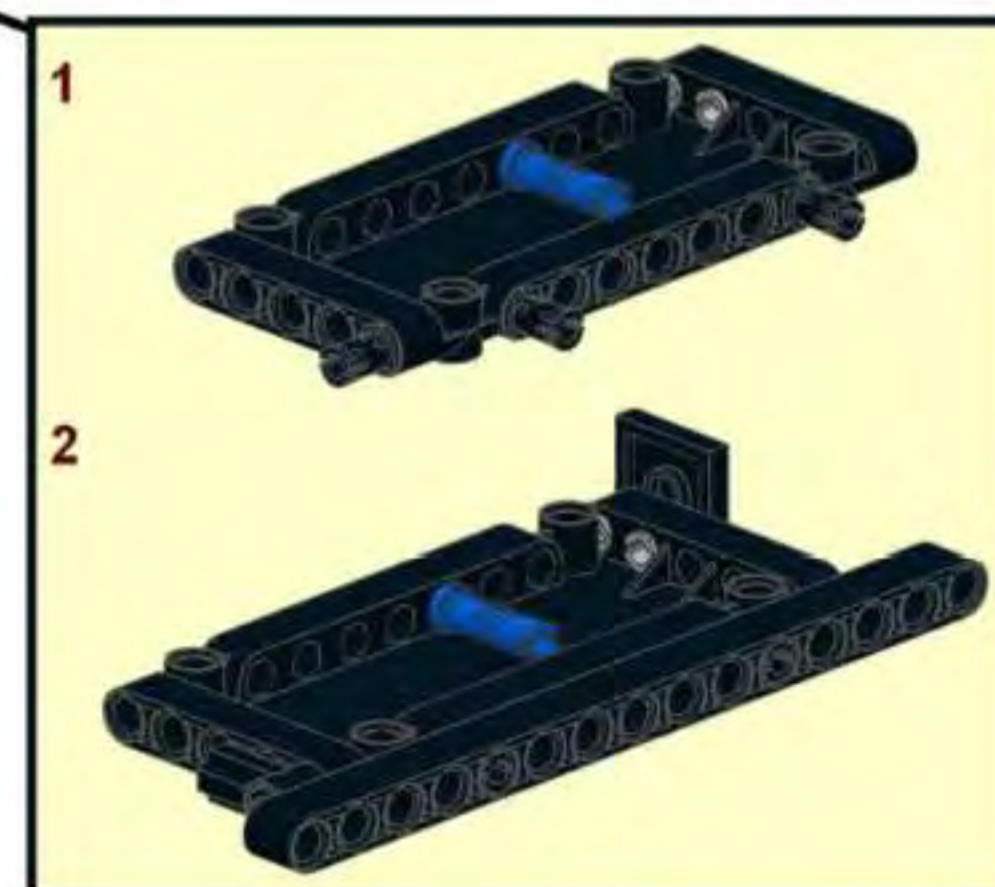
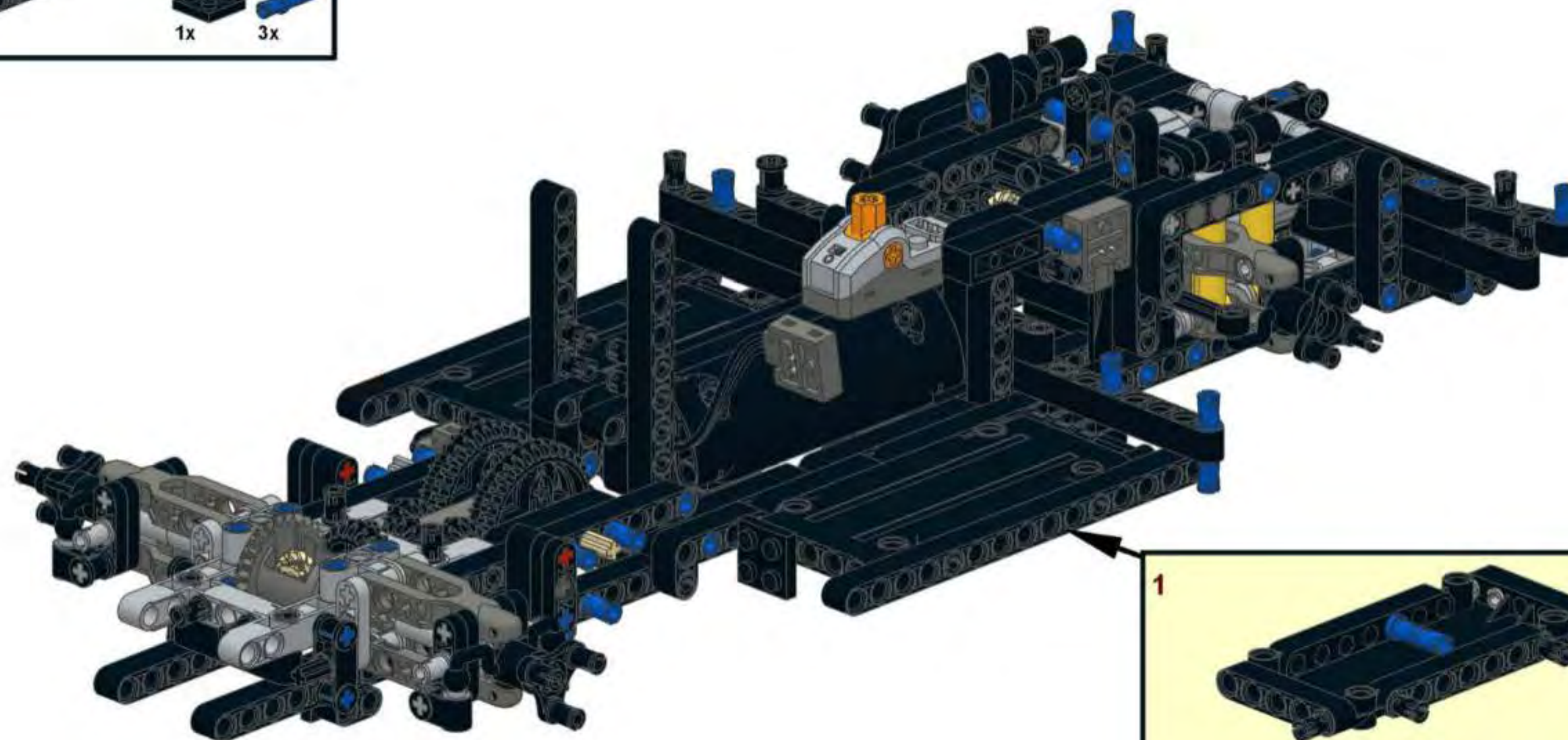


Red Spider



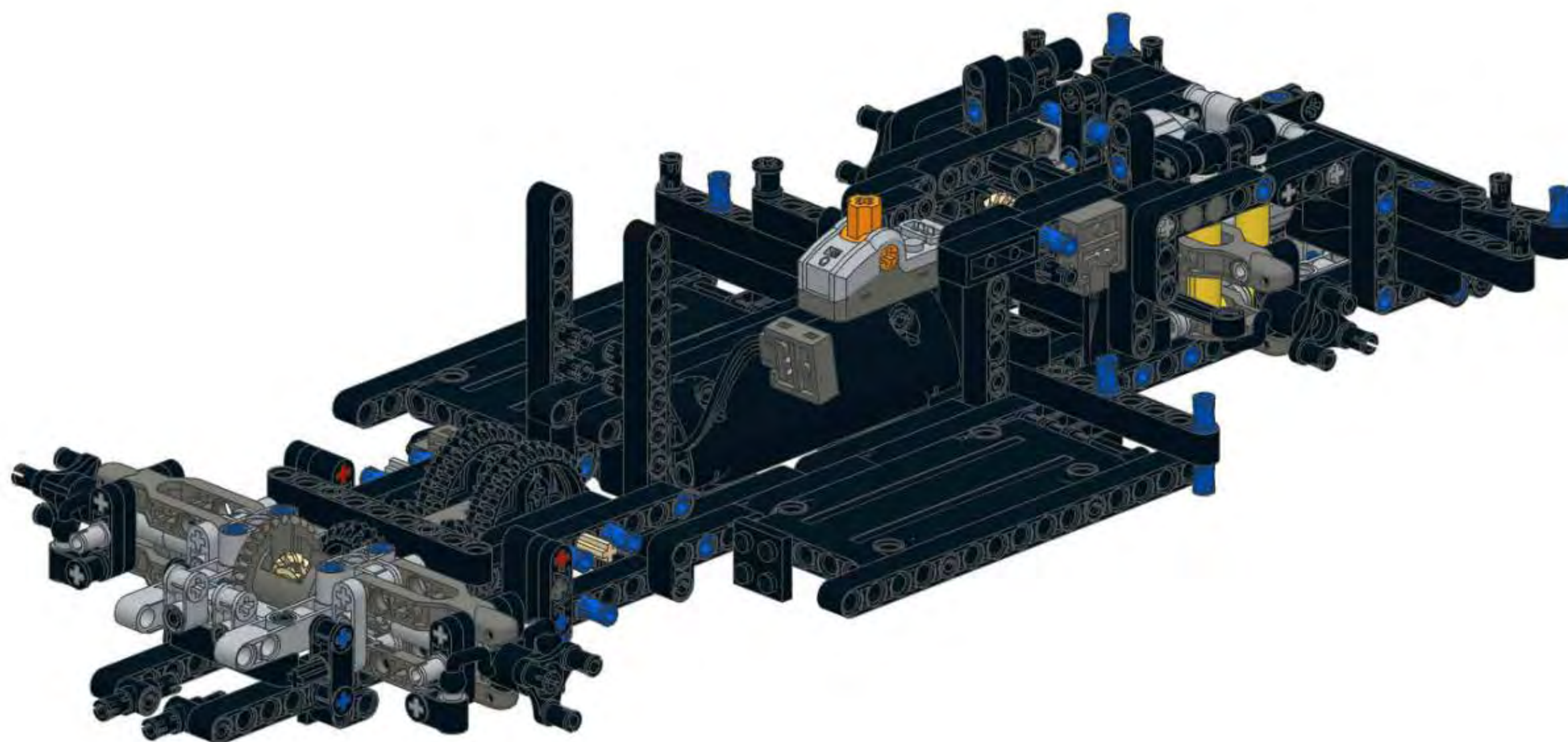
Red Spider

41



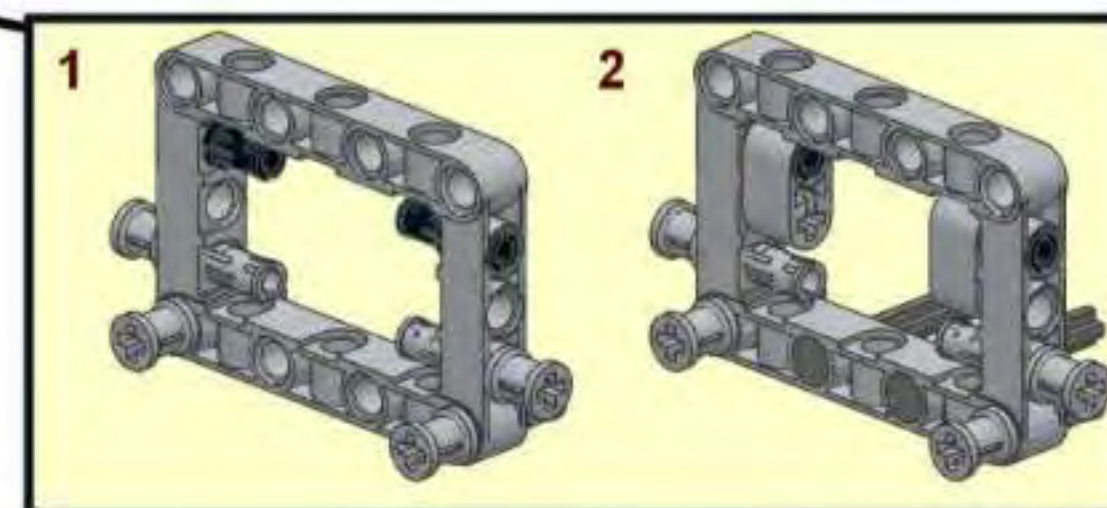
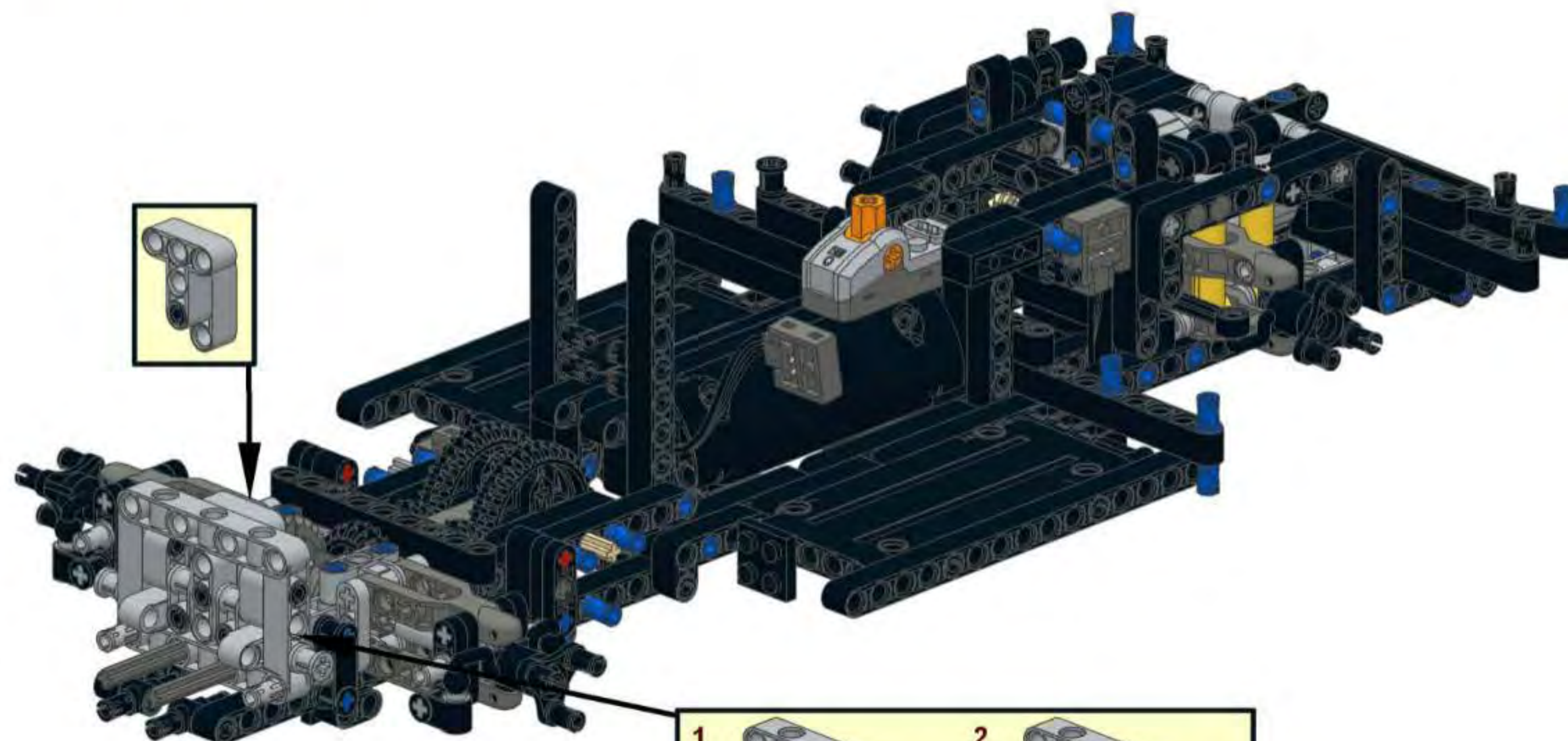
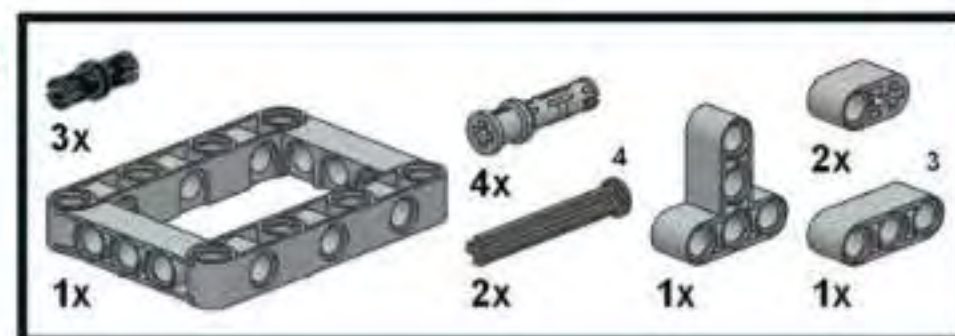
Red Spider

42



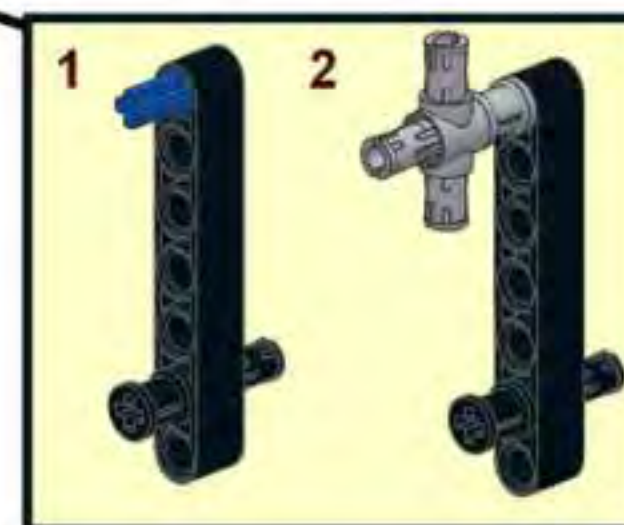
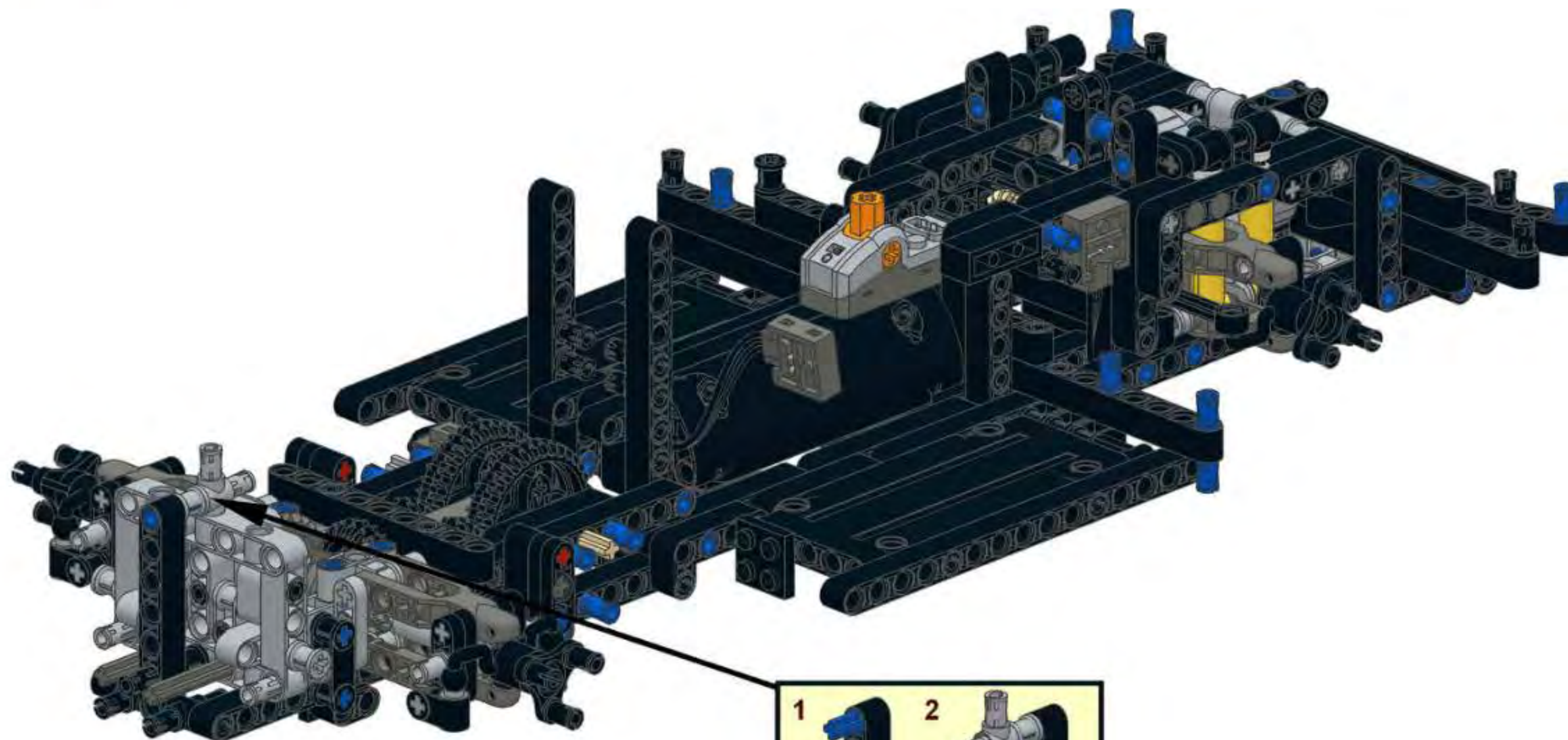
Red Spider

43



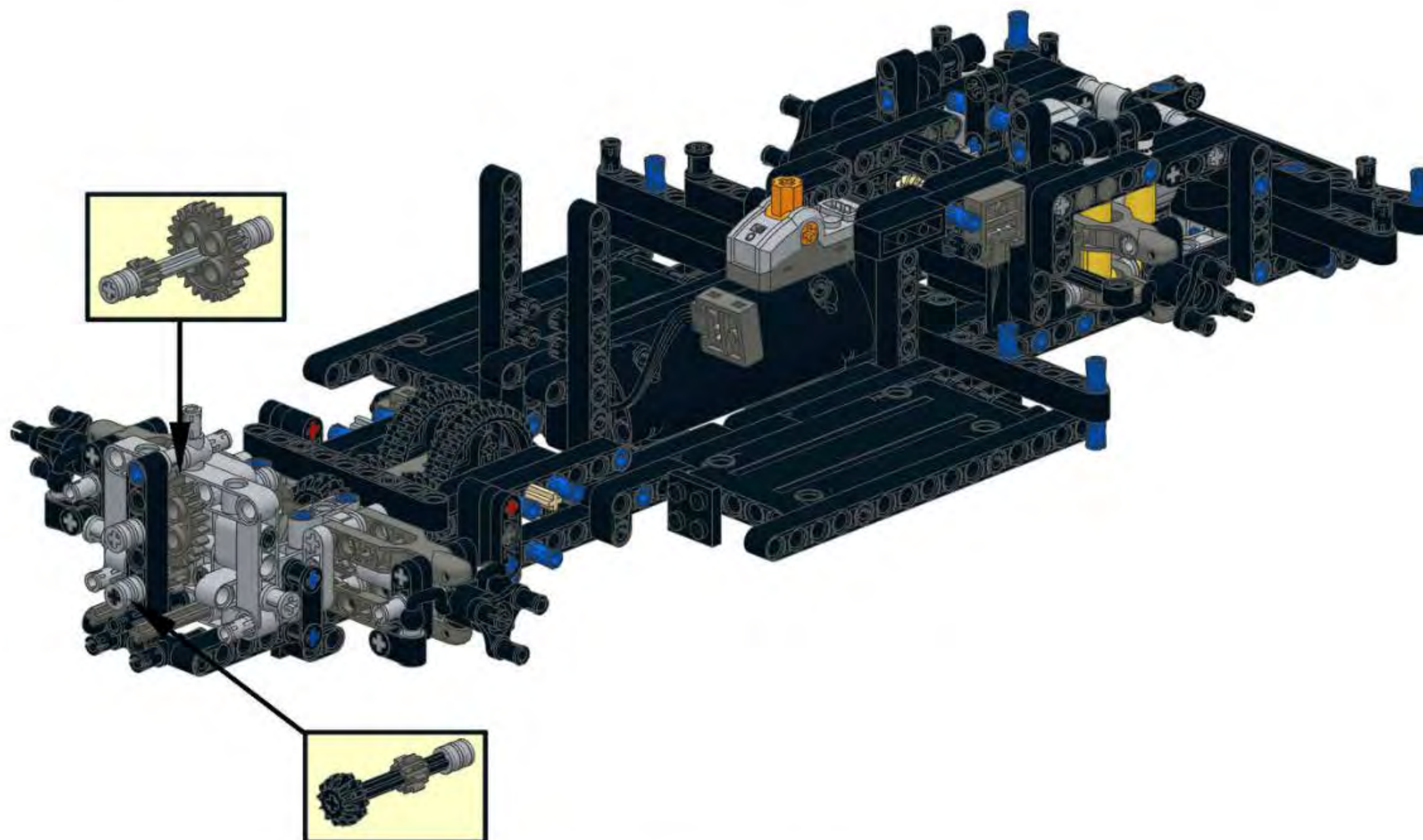
Red Spider

44



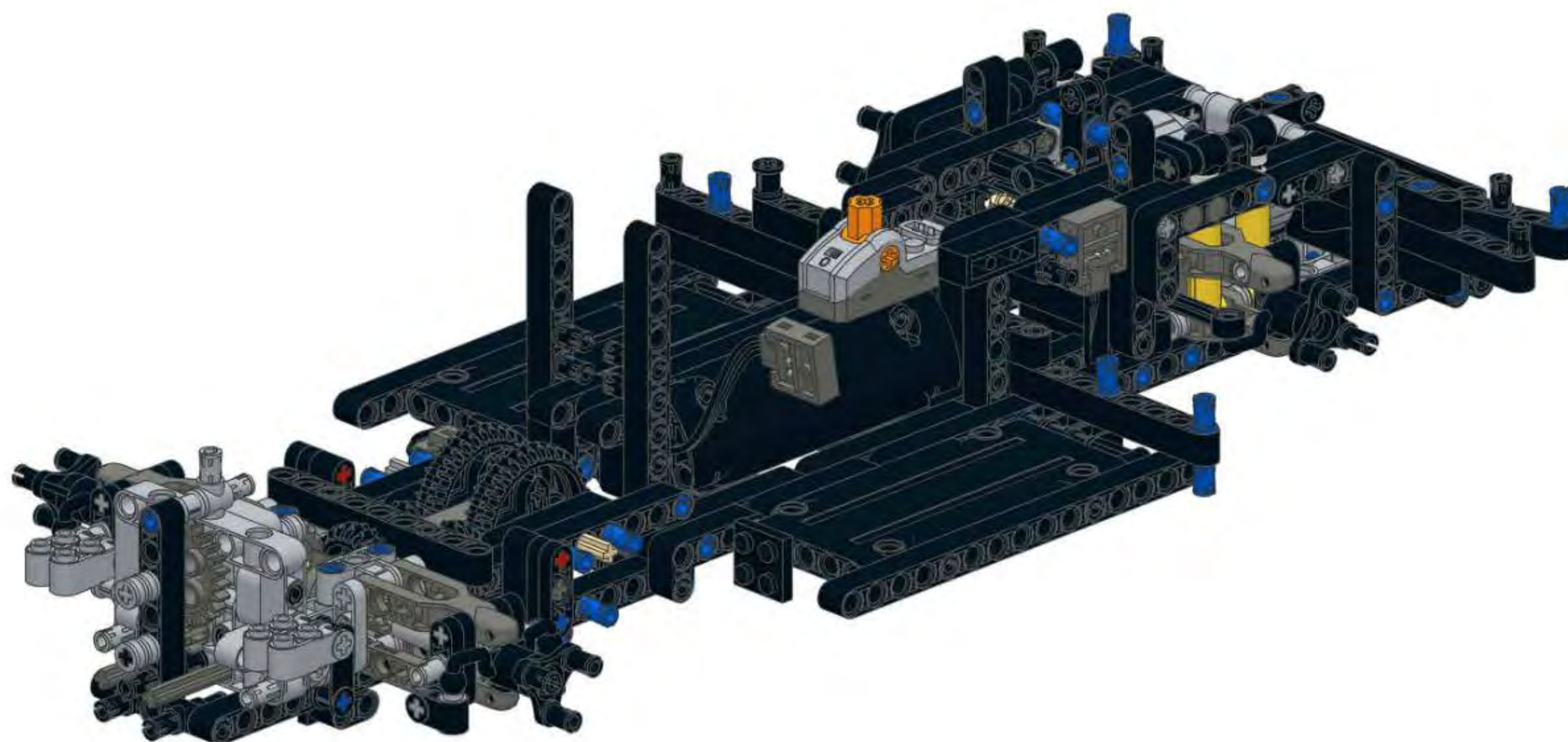
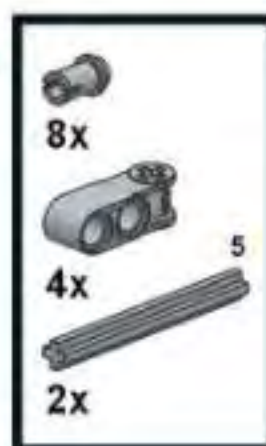
Red Spider

45



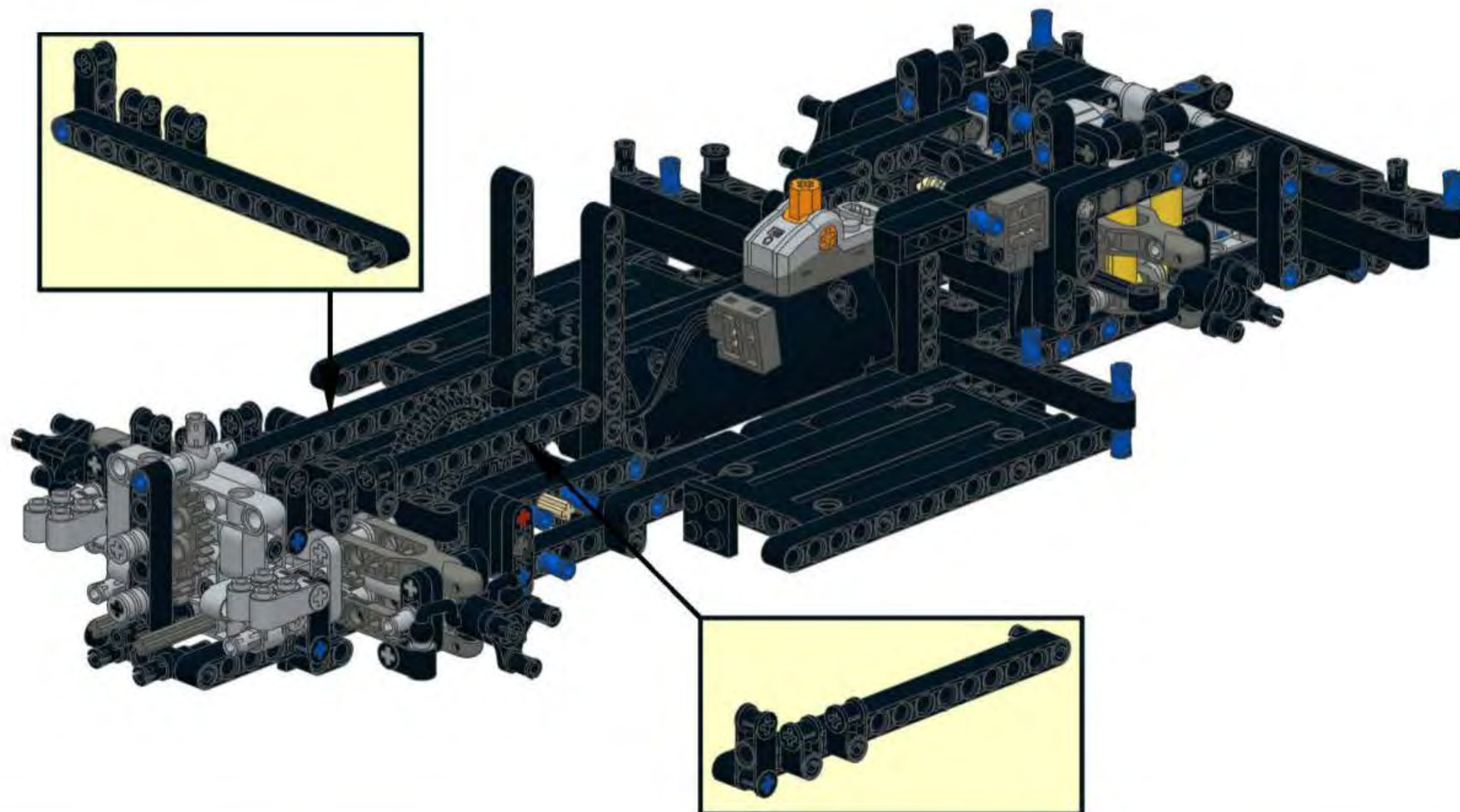
Red Spider

46



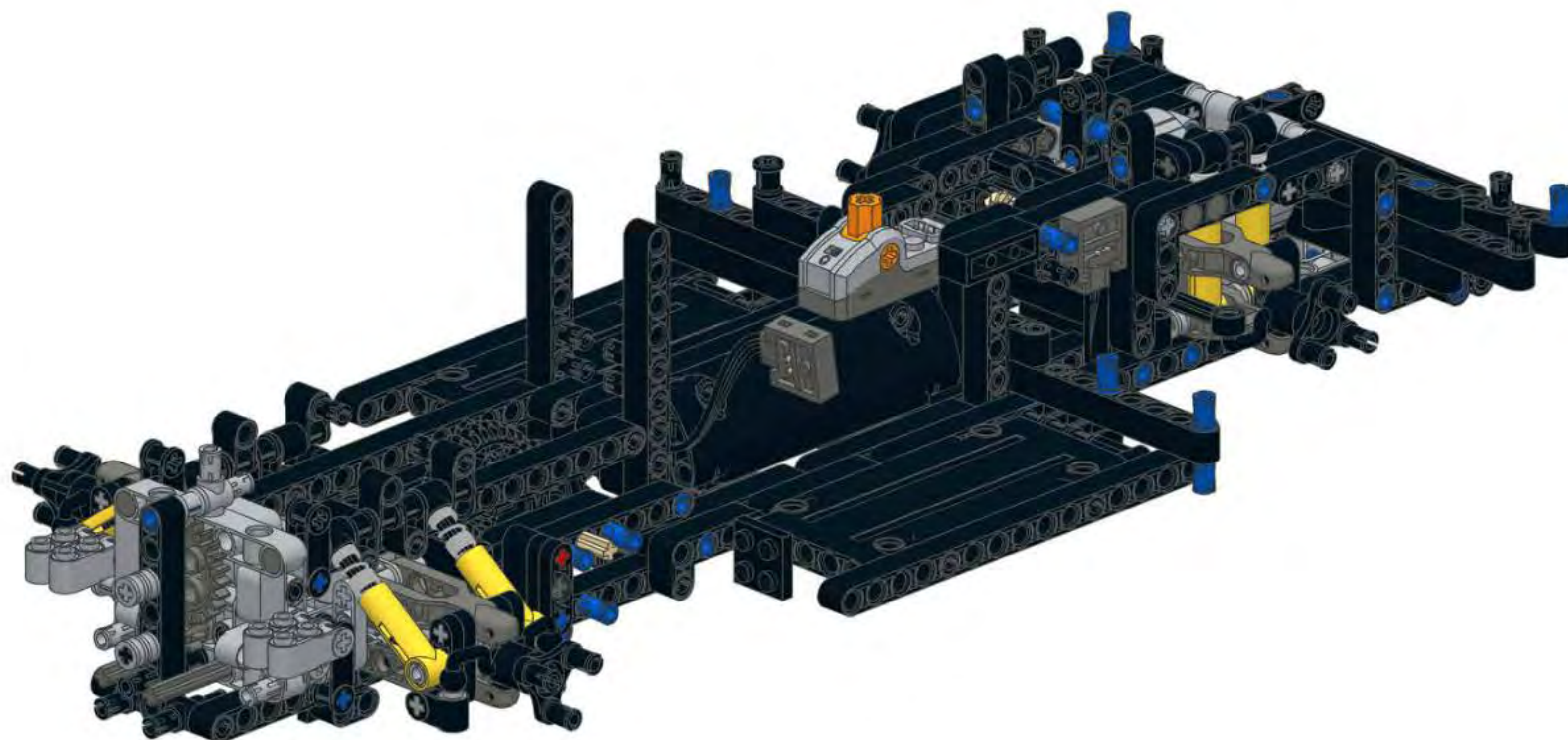
Red Spider

47



Red Spider

48



49



V2 receivers are preferred but not mandatory.

Pole reverser connector

1x2 plate and tile attach to this connector.

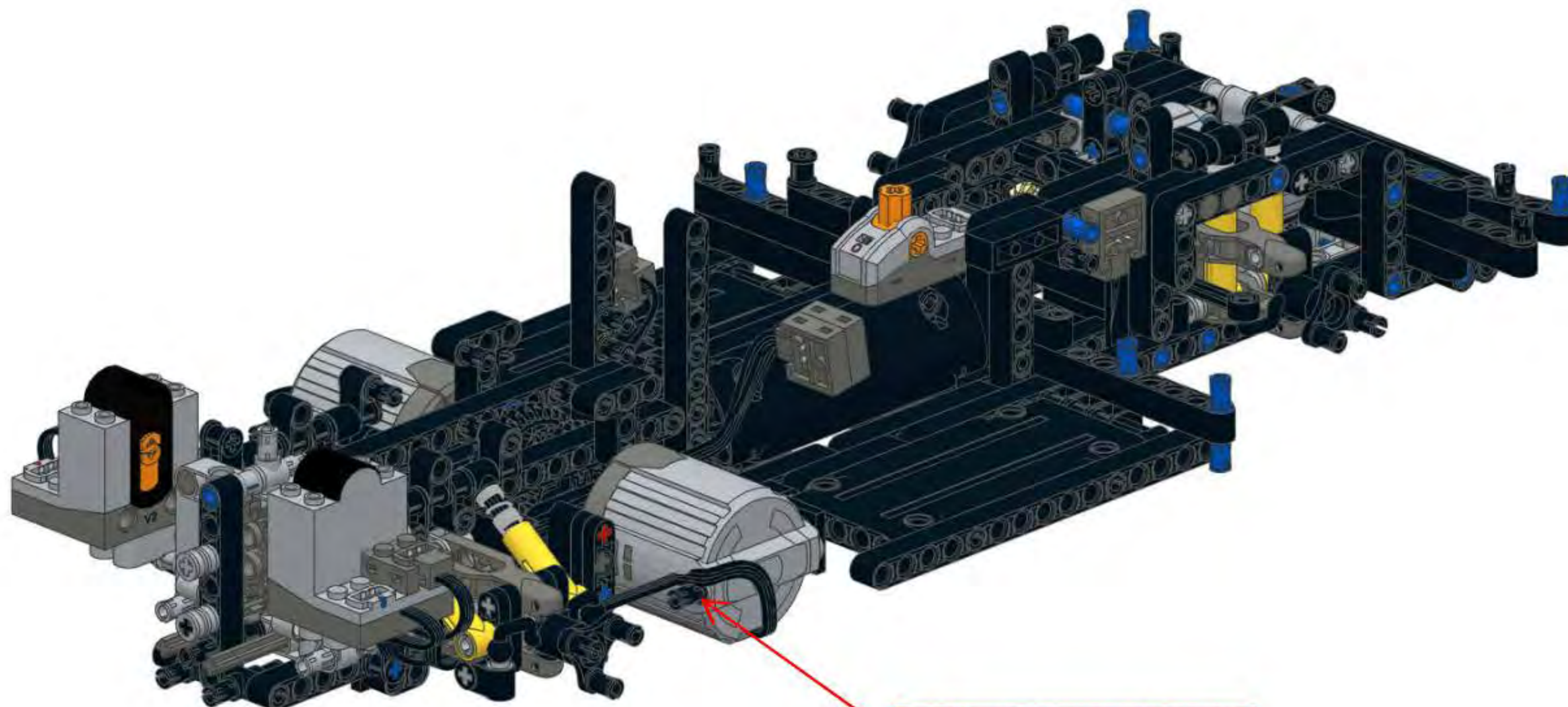
Channel 1

Channel 4

Servo connector

Receiver wires run under suspension and then through this channel. One receiver wire should be on each side and will connect to separate batteries.

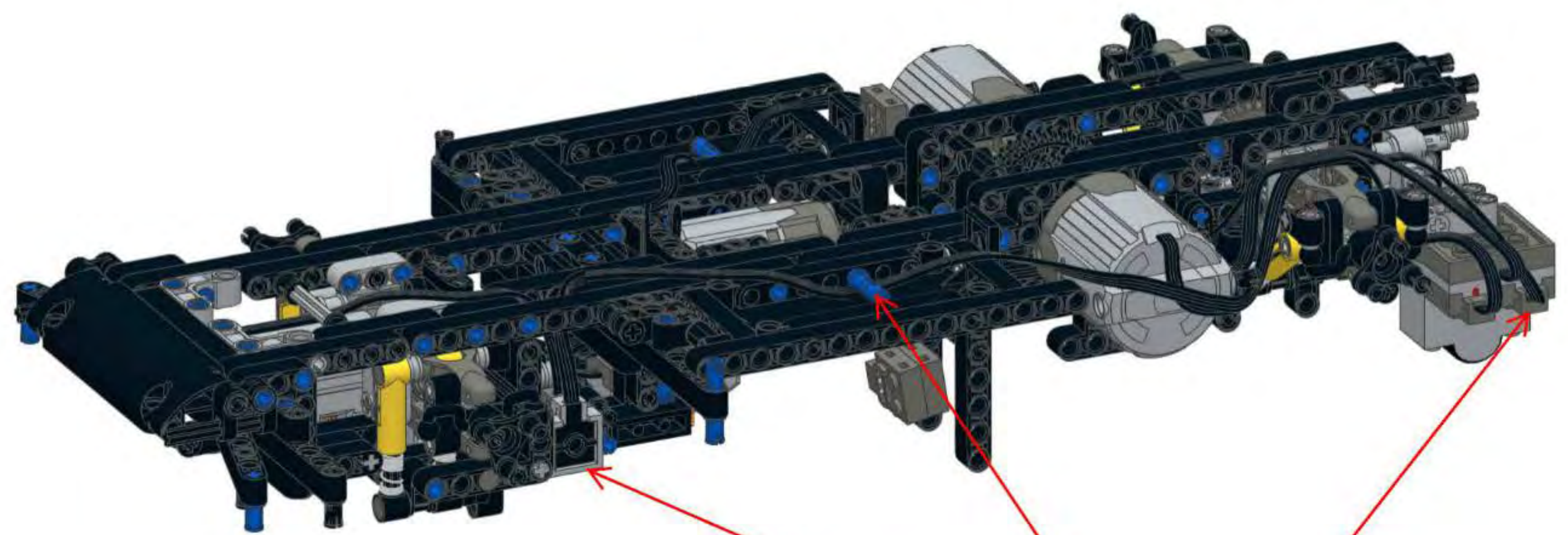
50



One XL motor connects to each receiver. Route wire over this pin and then under suspension.

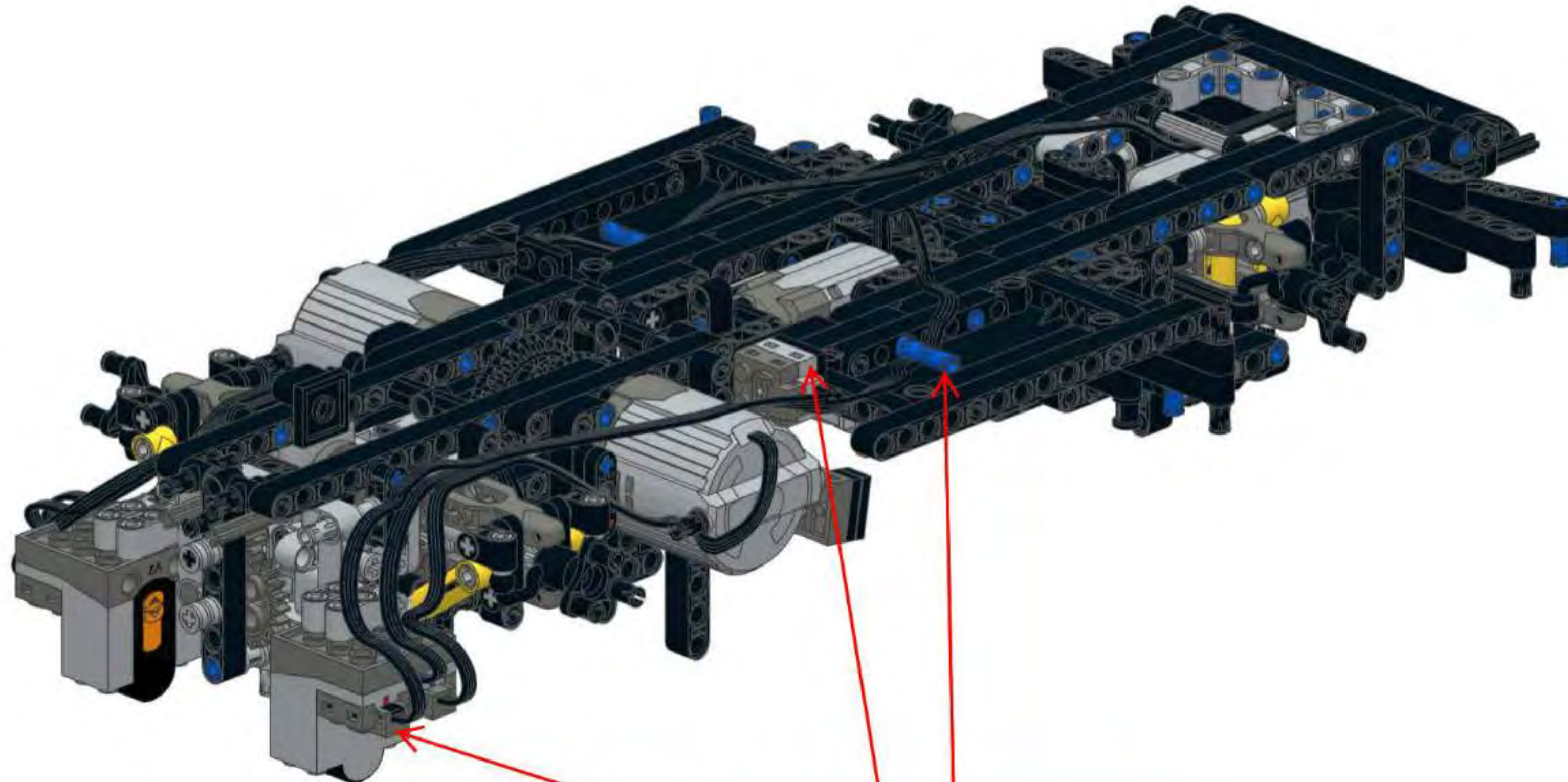
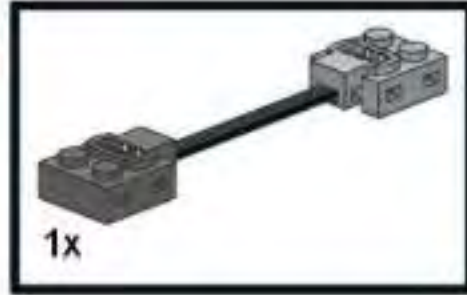
Red Spider

51



This long extension wire connects the servo to the receiver. Anchor wire under the blue 3L pin.

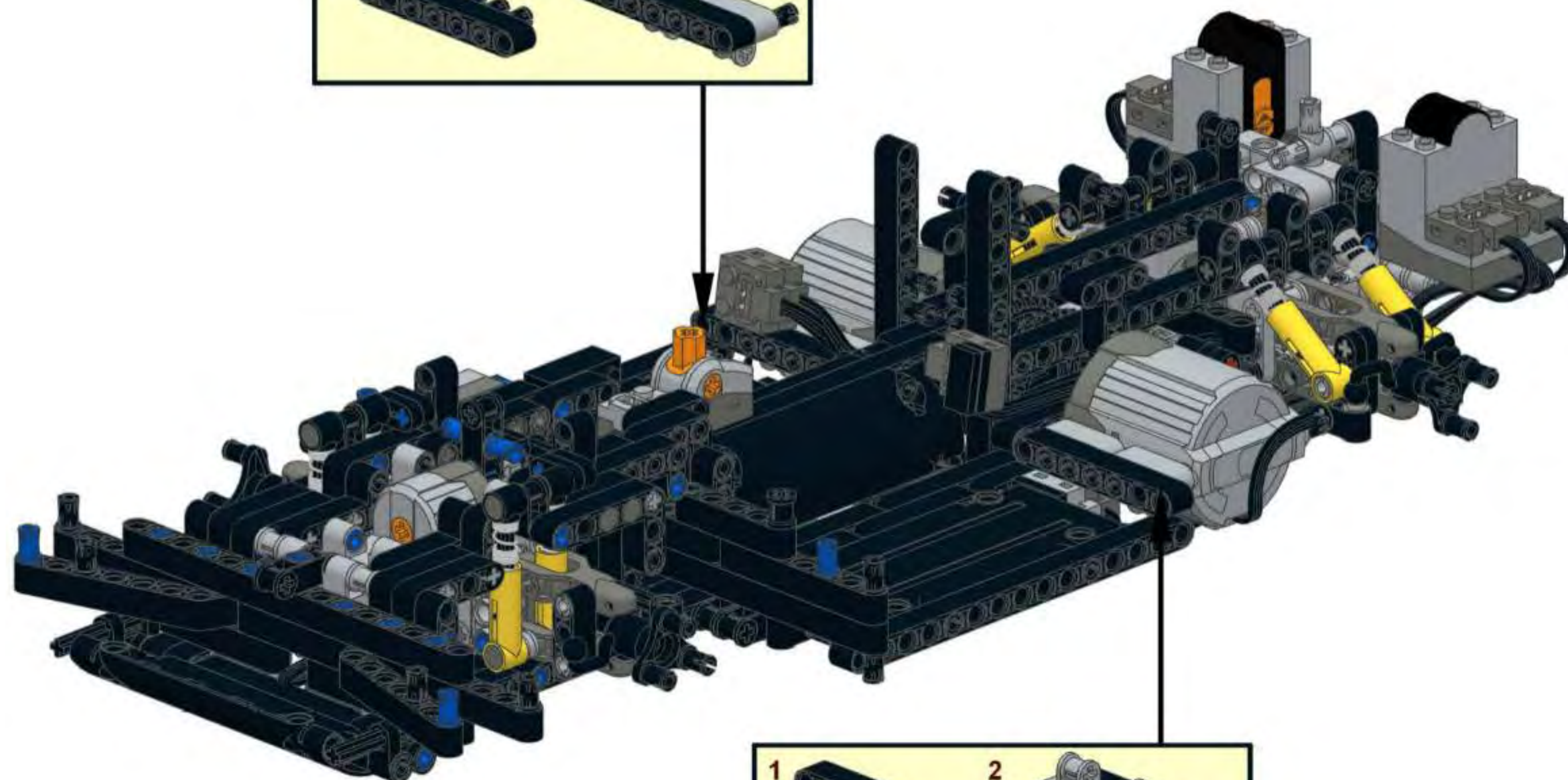
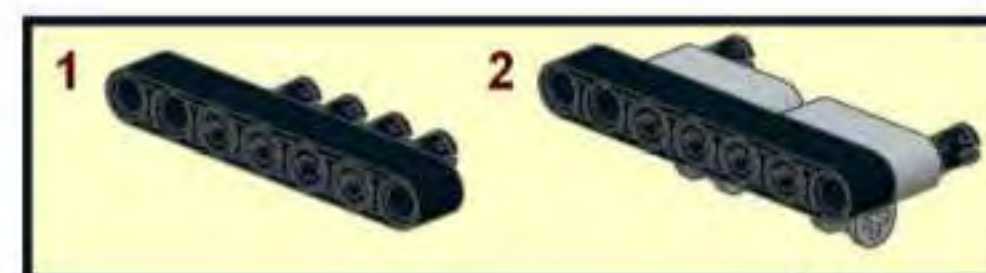
52



This short extension wire connects M motor to the receiver. Anchor the connectors to the 2x2 plate and make sure the M motor wire is anchored to the blue 3L pin.

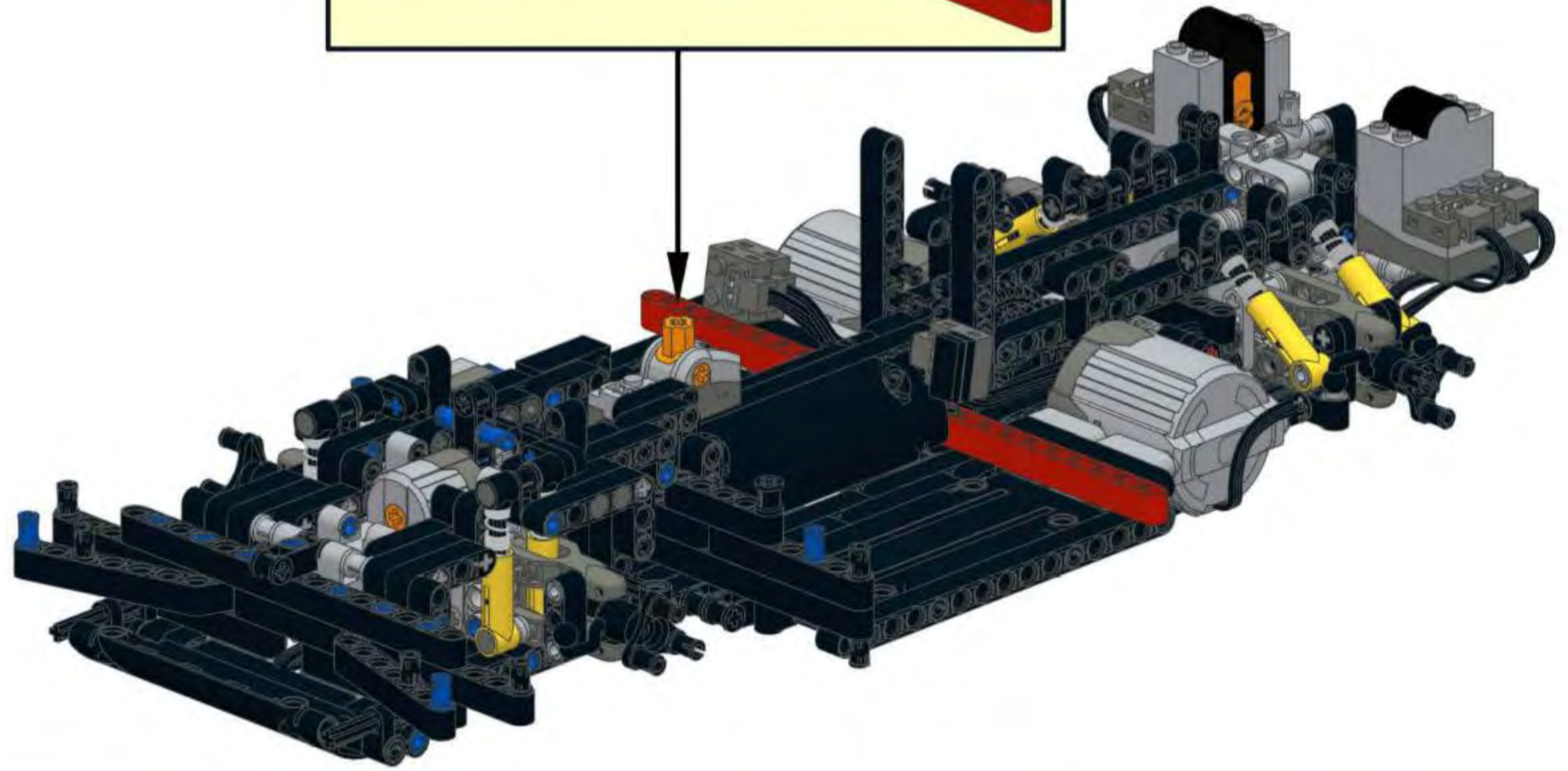
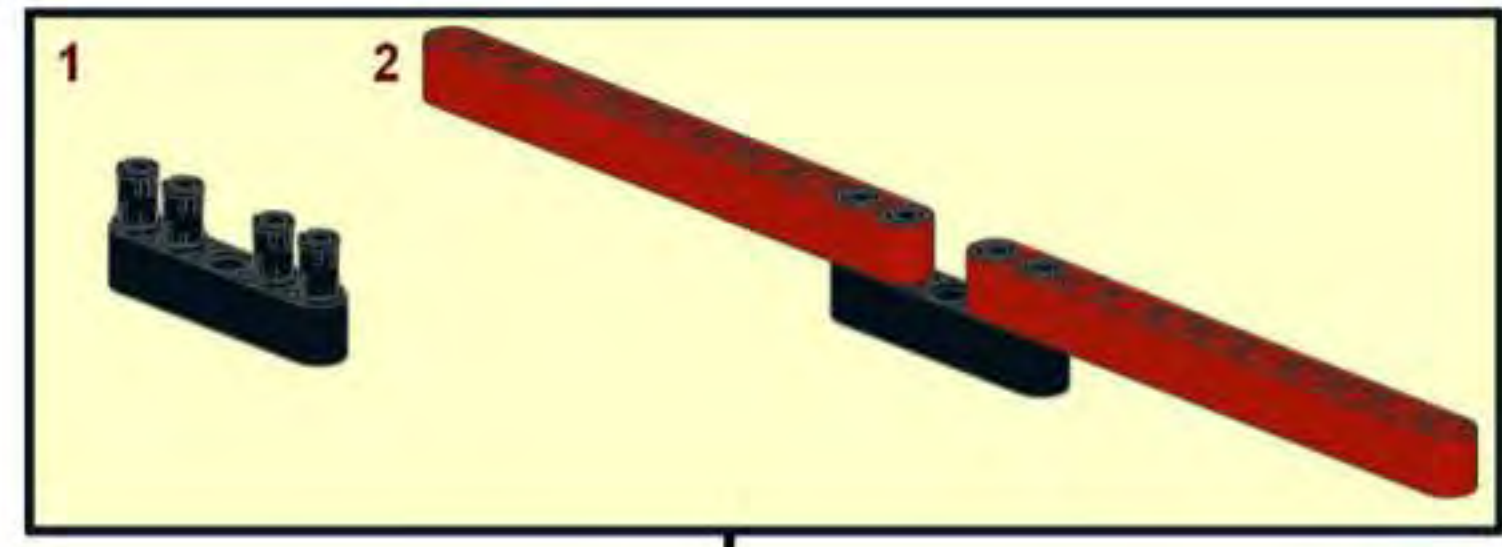
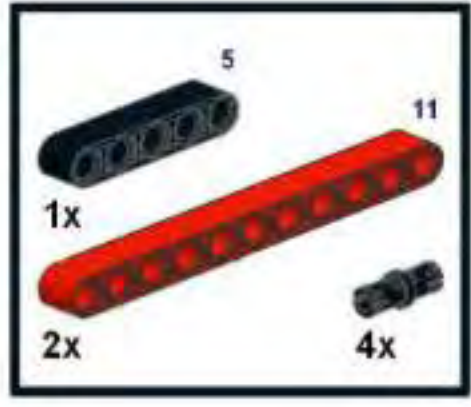
Red Spider

53



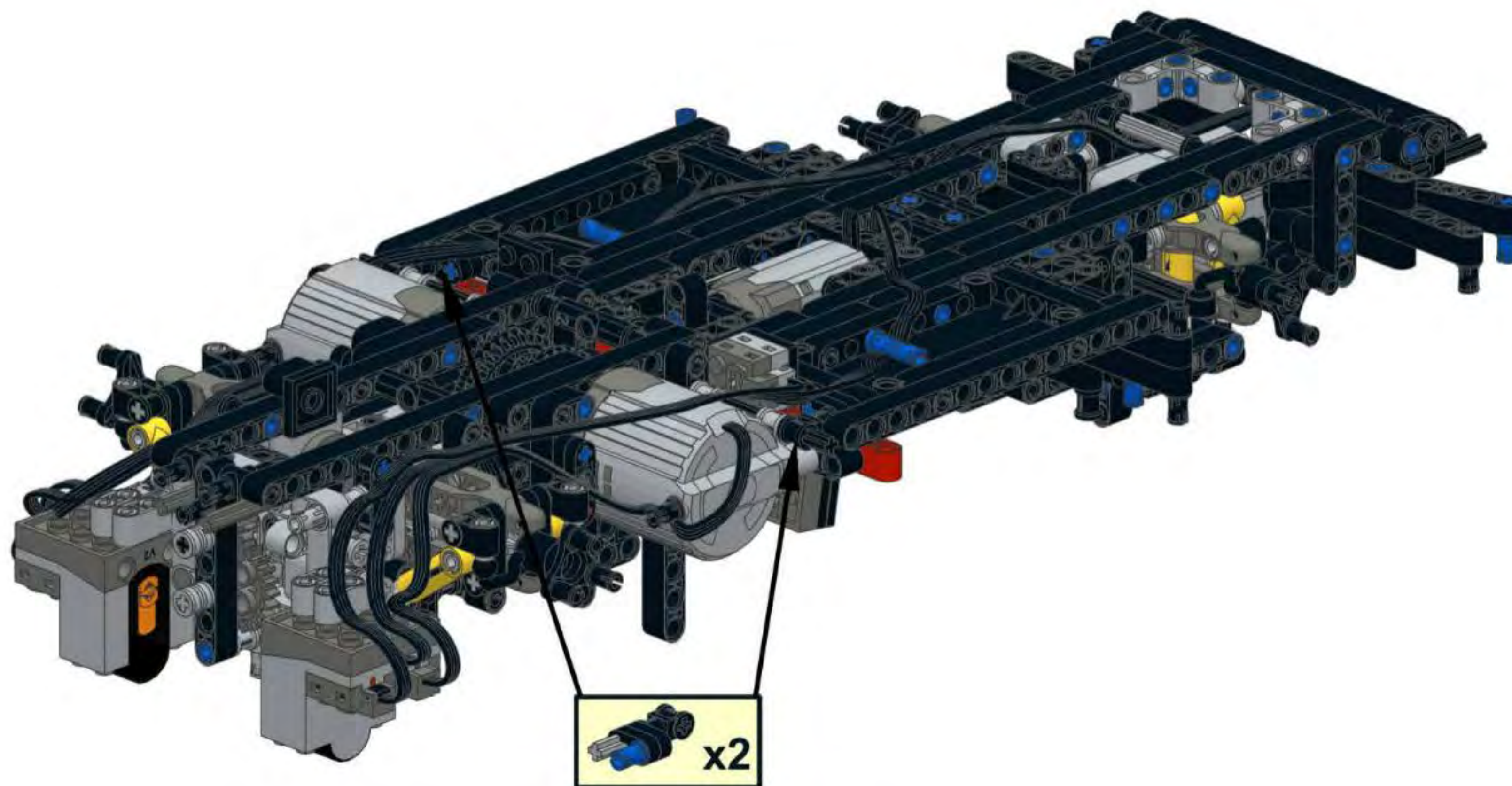
Red Spider

54



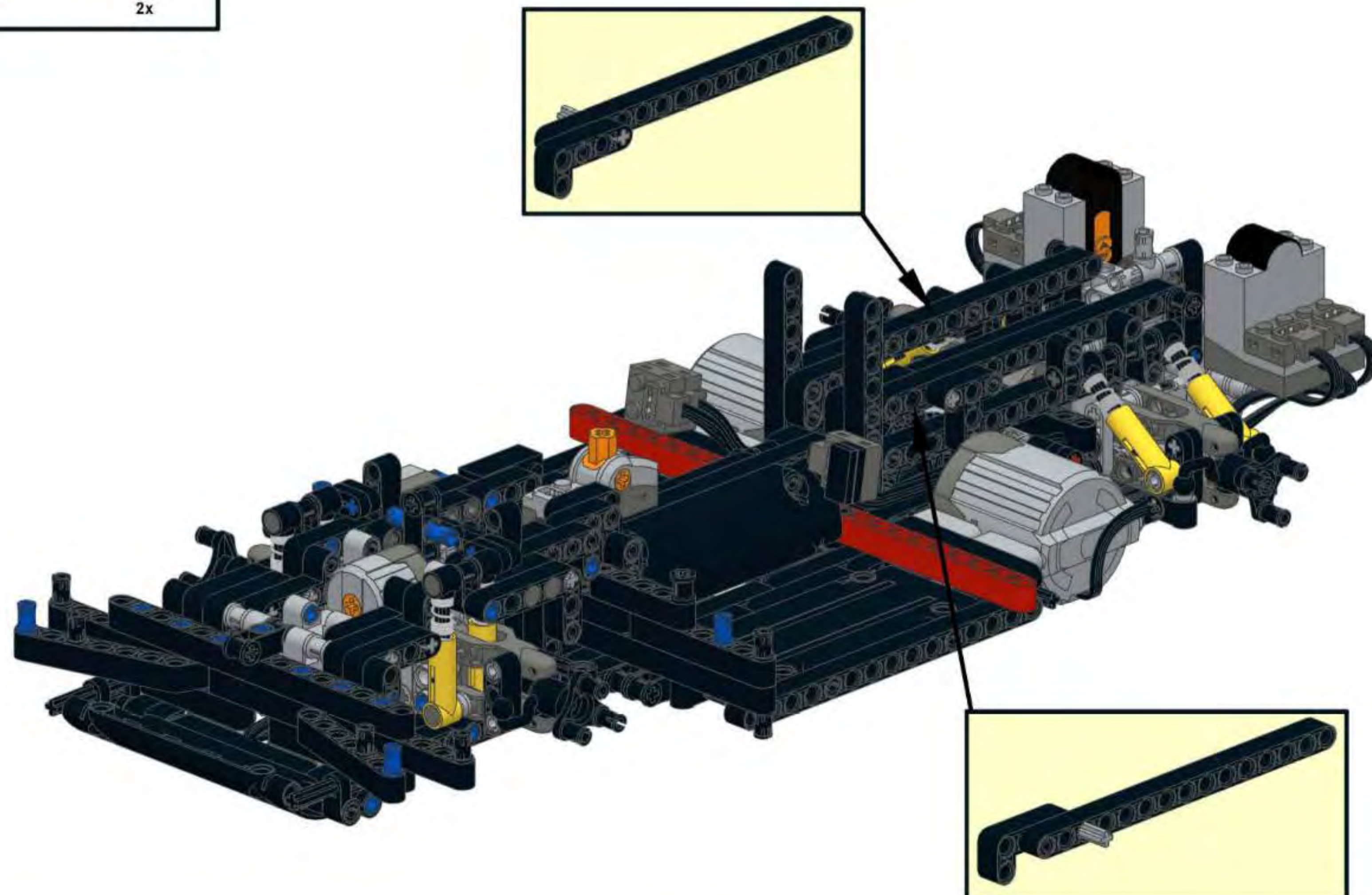
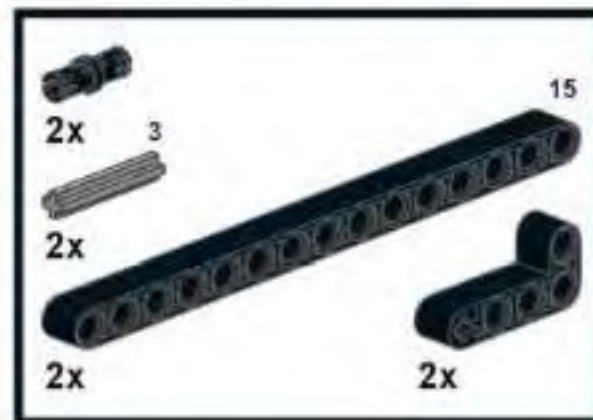
Red Spider

55

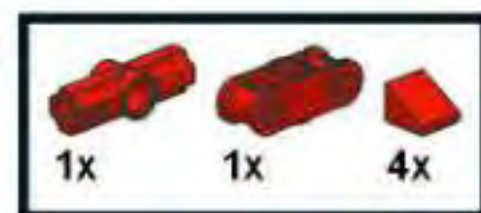


Red Spider

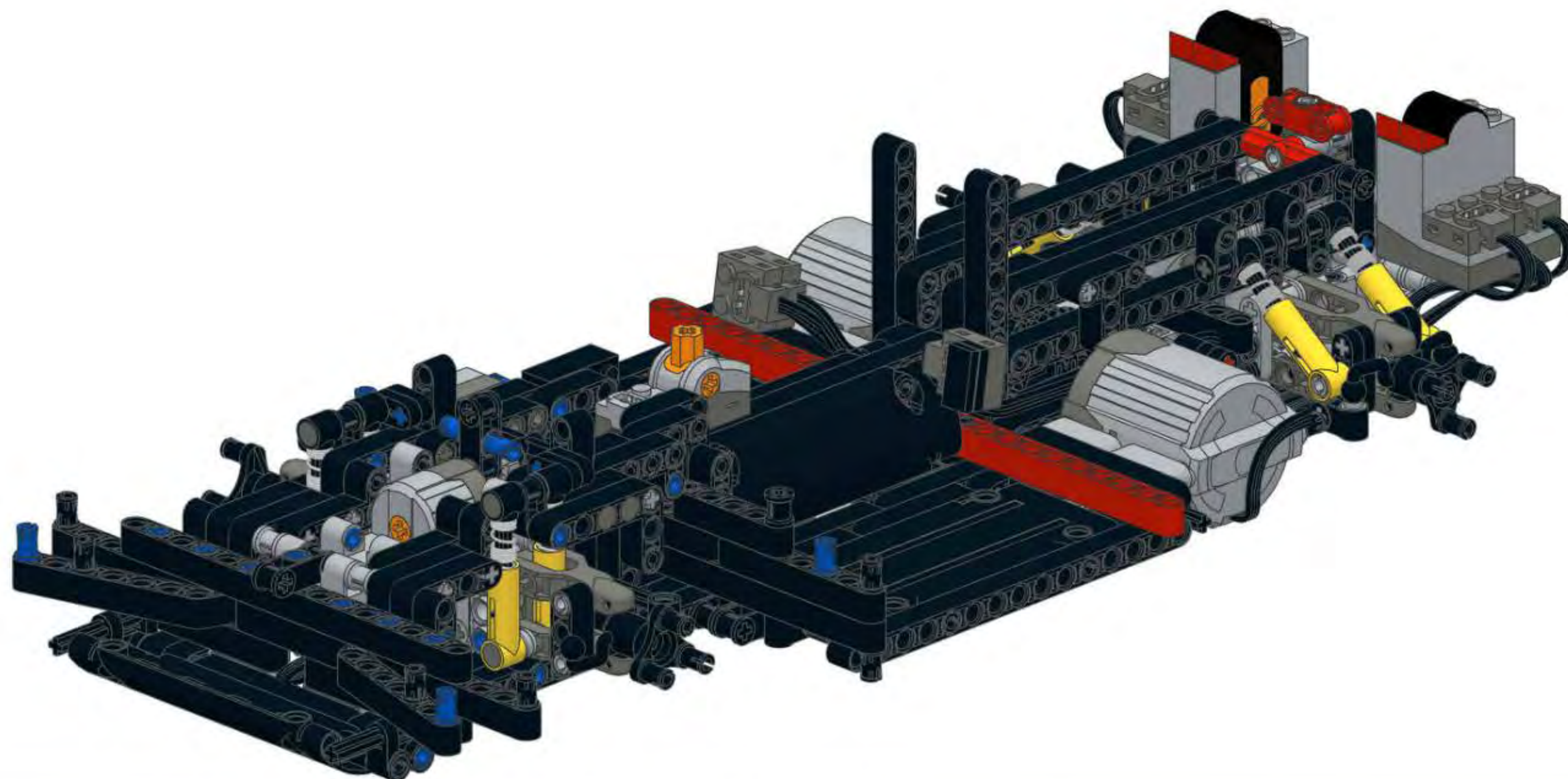
56

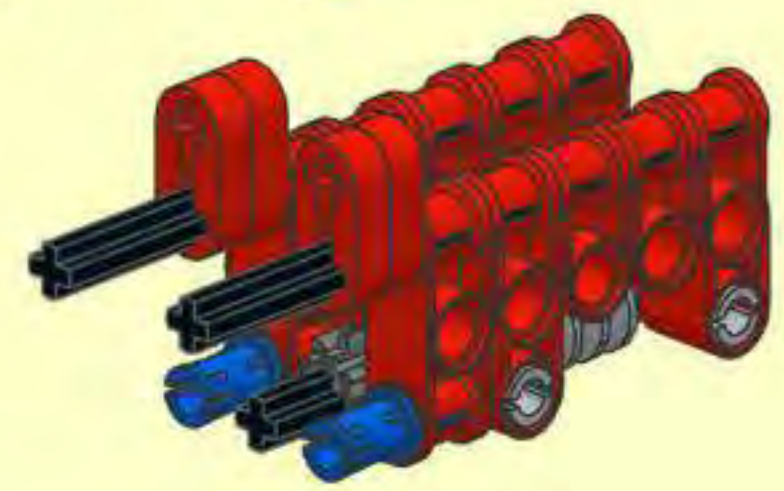
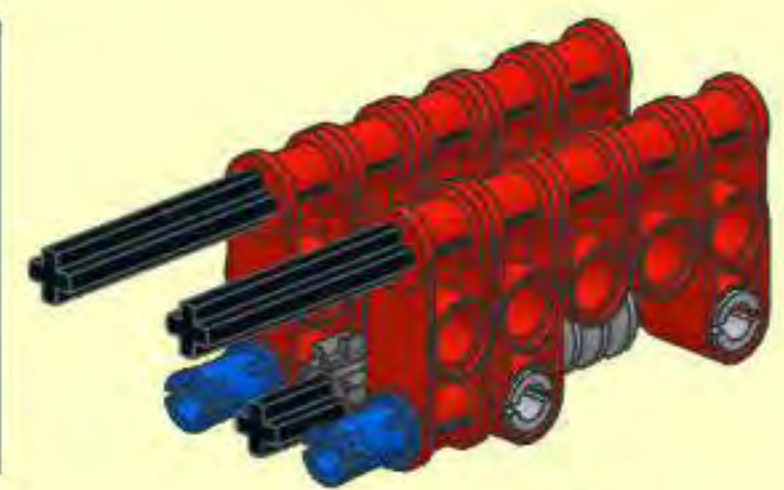
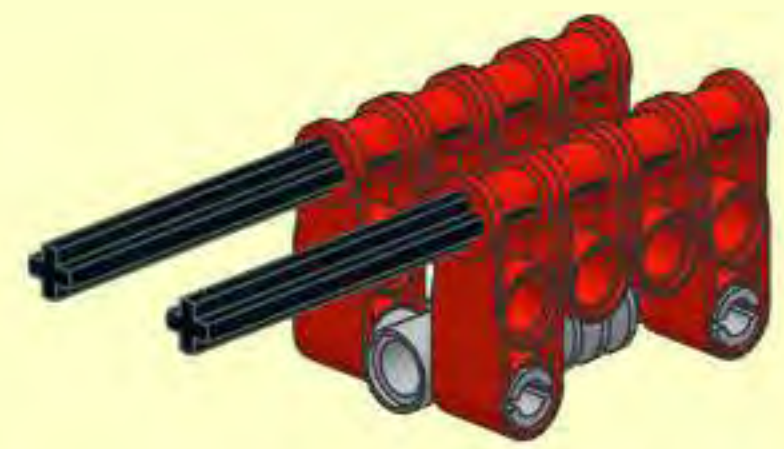
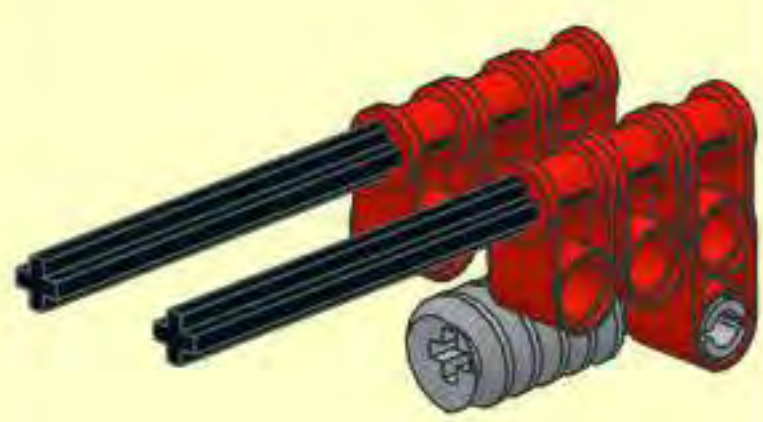
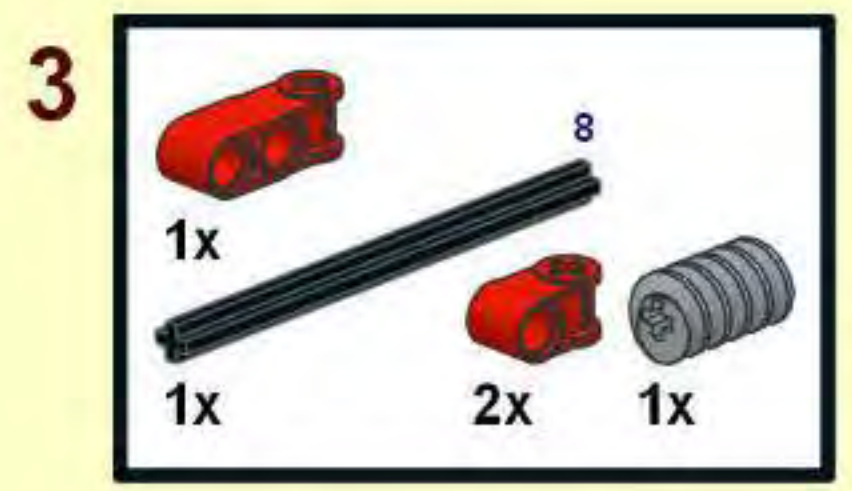
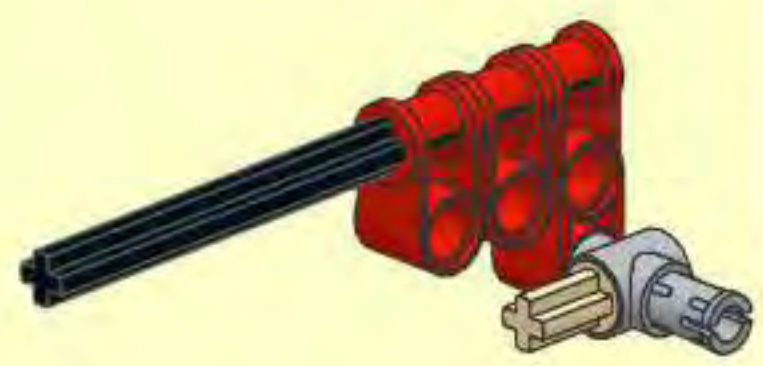
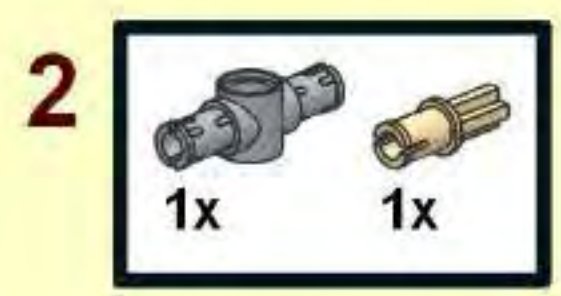
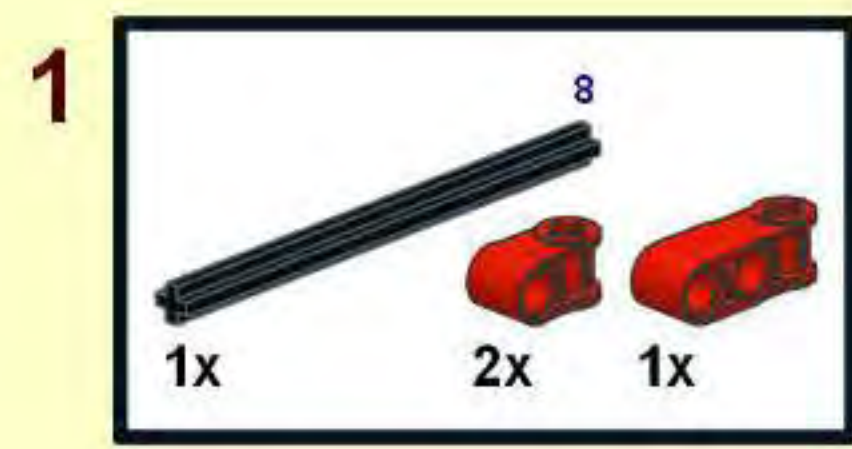


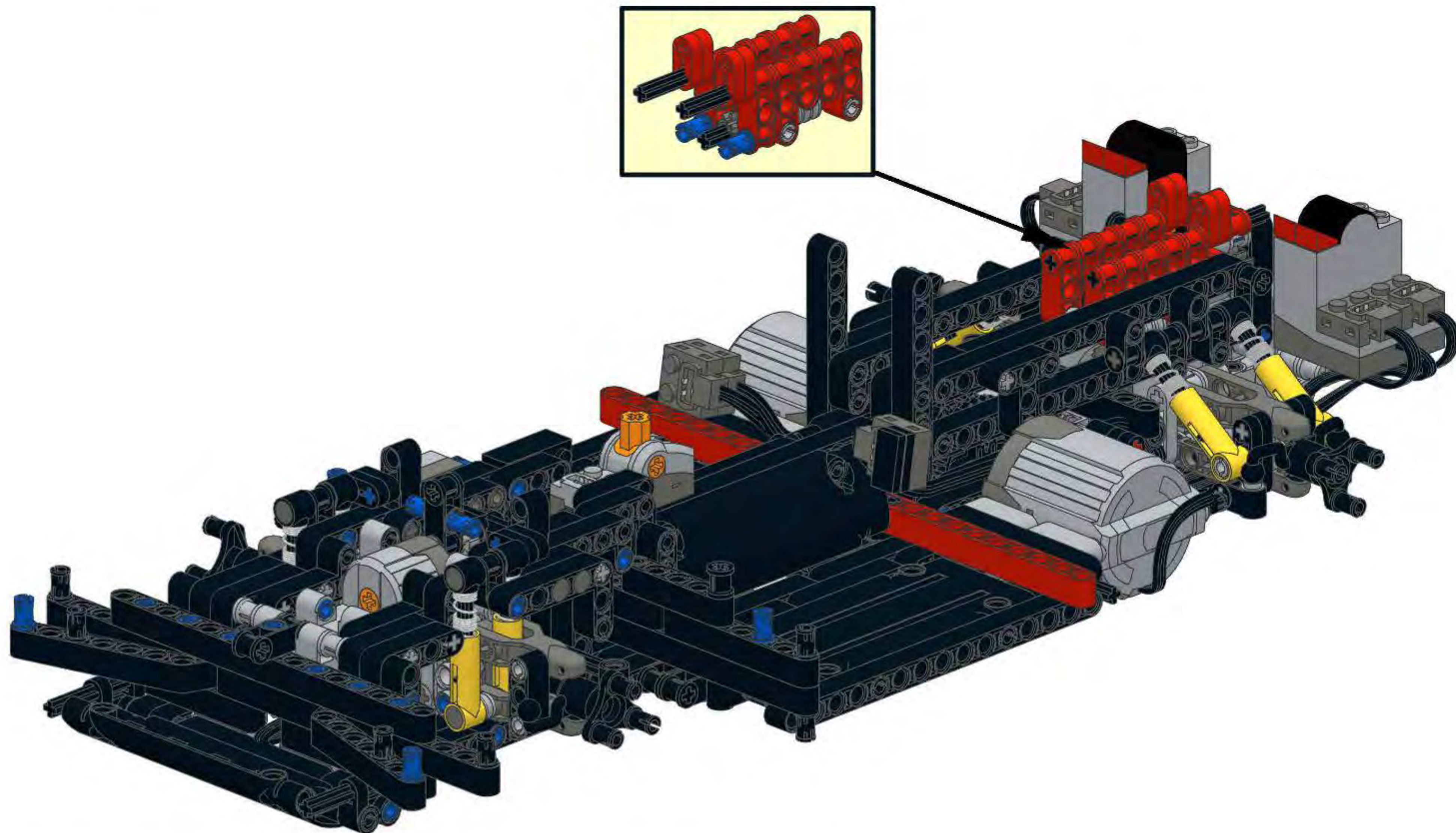
57



Red Spider



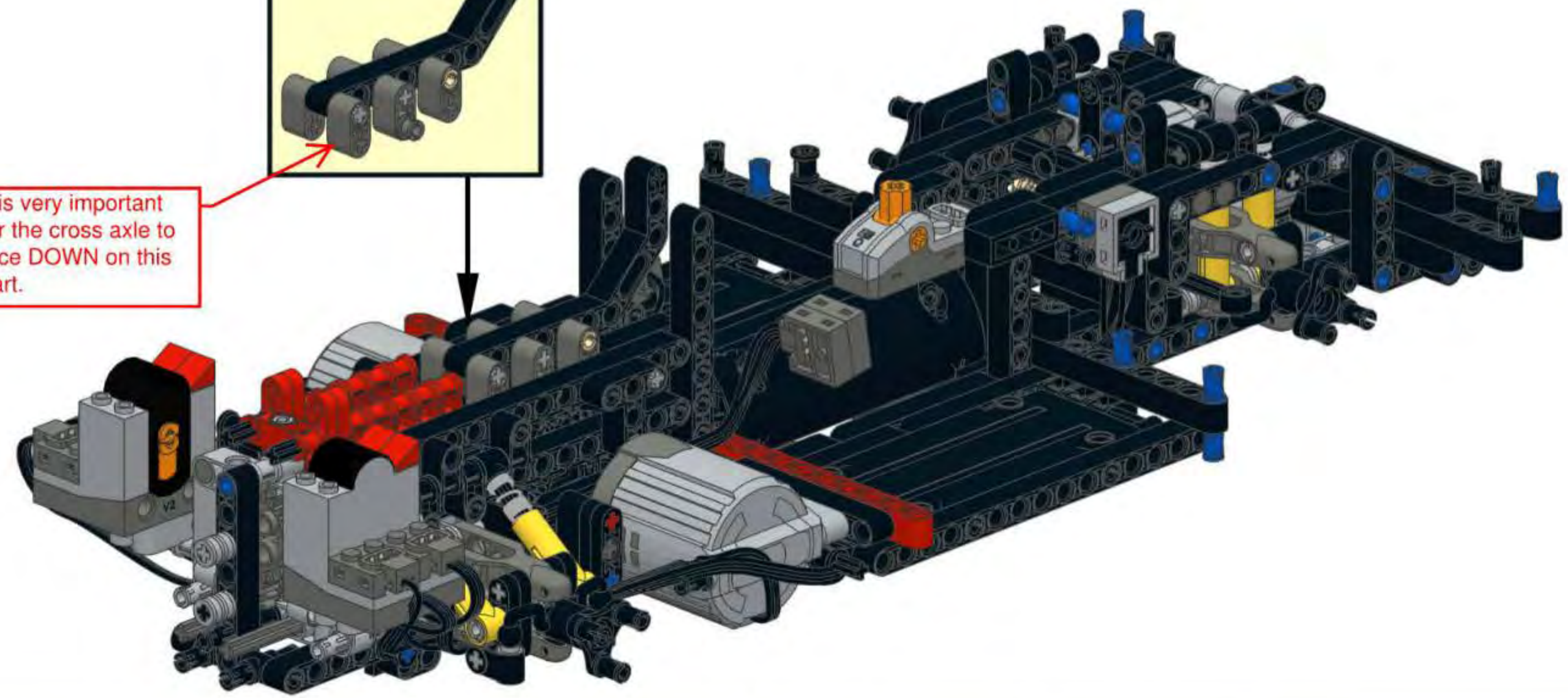




59



It is very important
for the cross axle to
face DOWN on this
part.



1

1x

6

1x

2

2x

3

2x

5

1x

3

1x

4

1x

1x

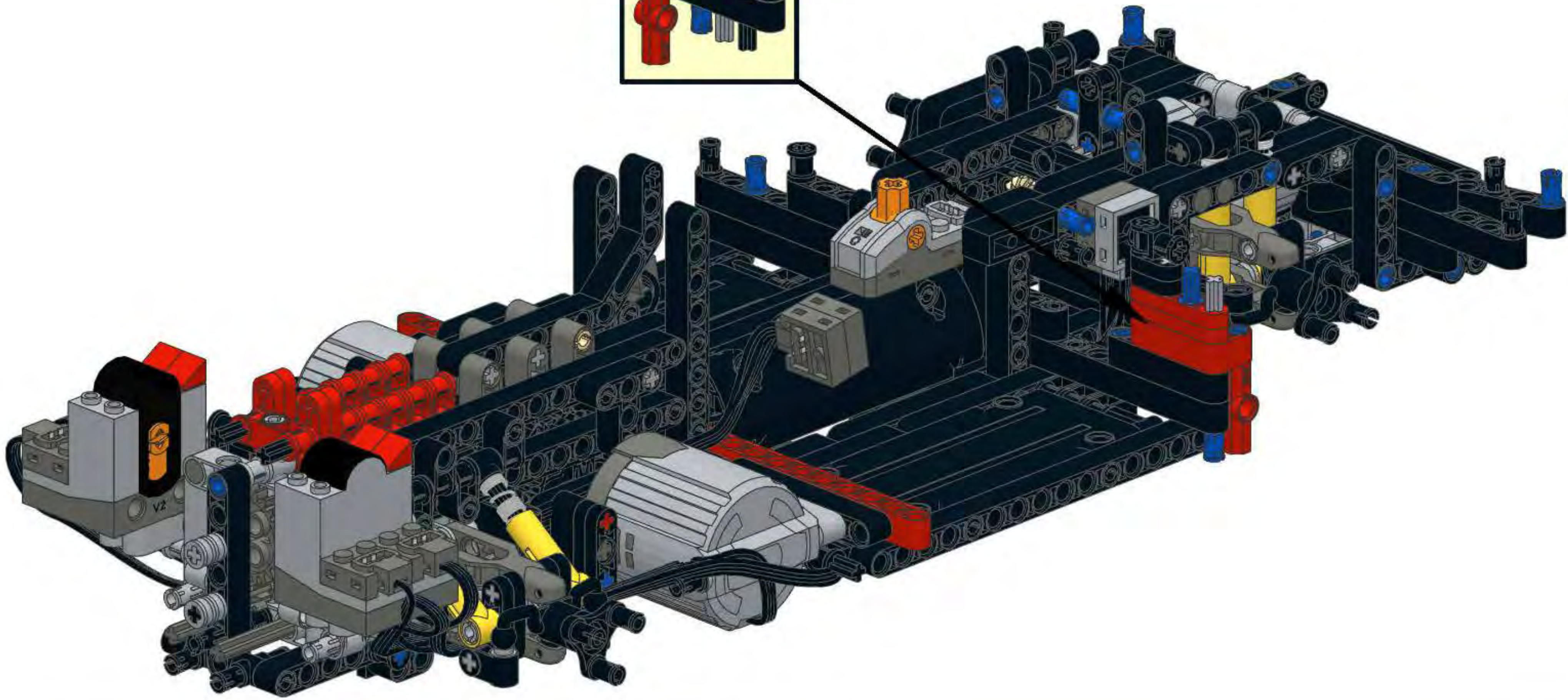
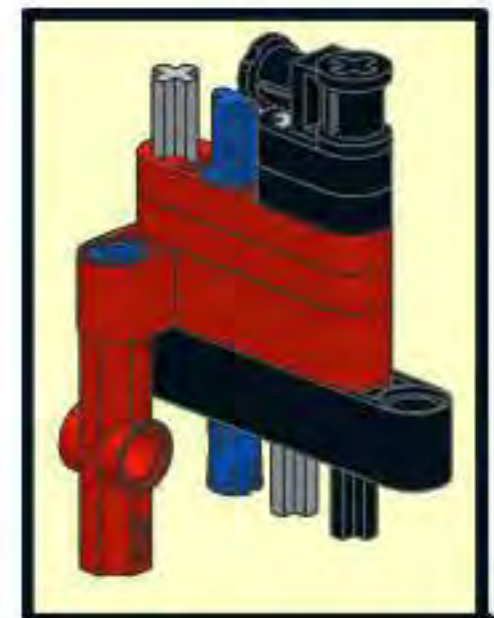
1x

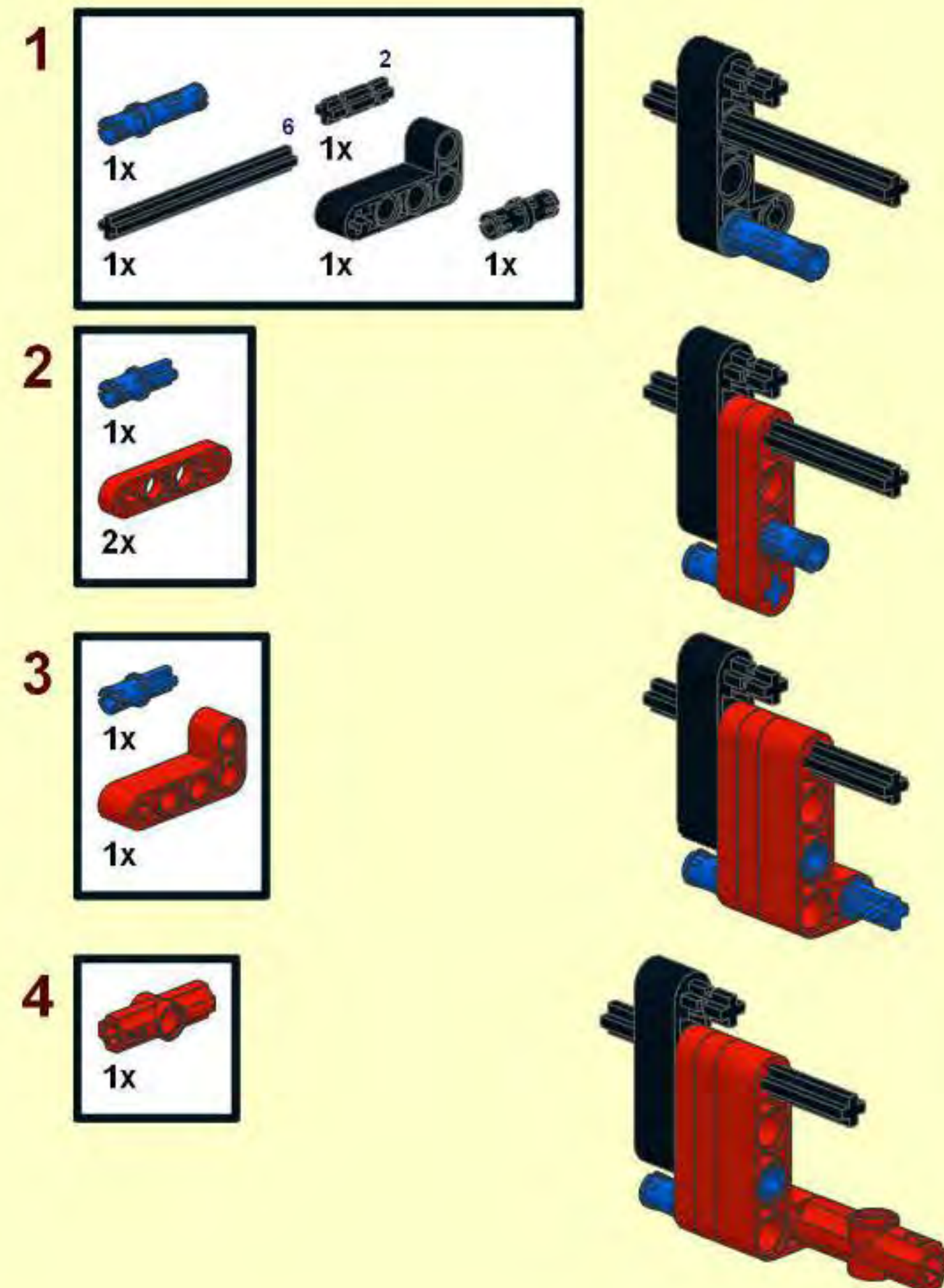
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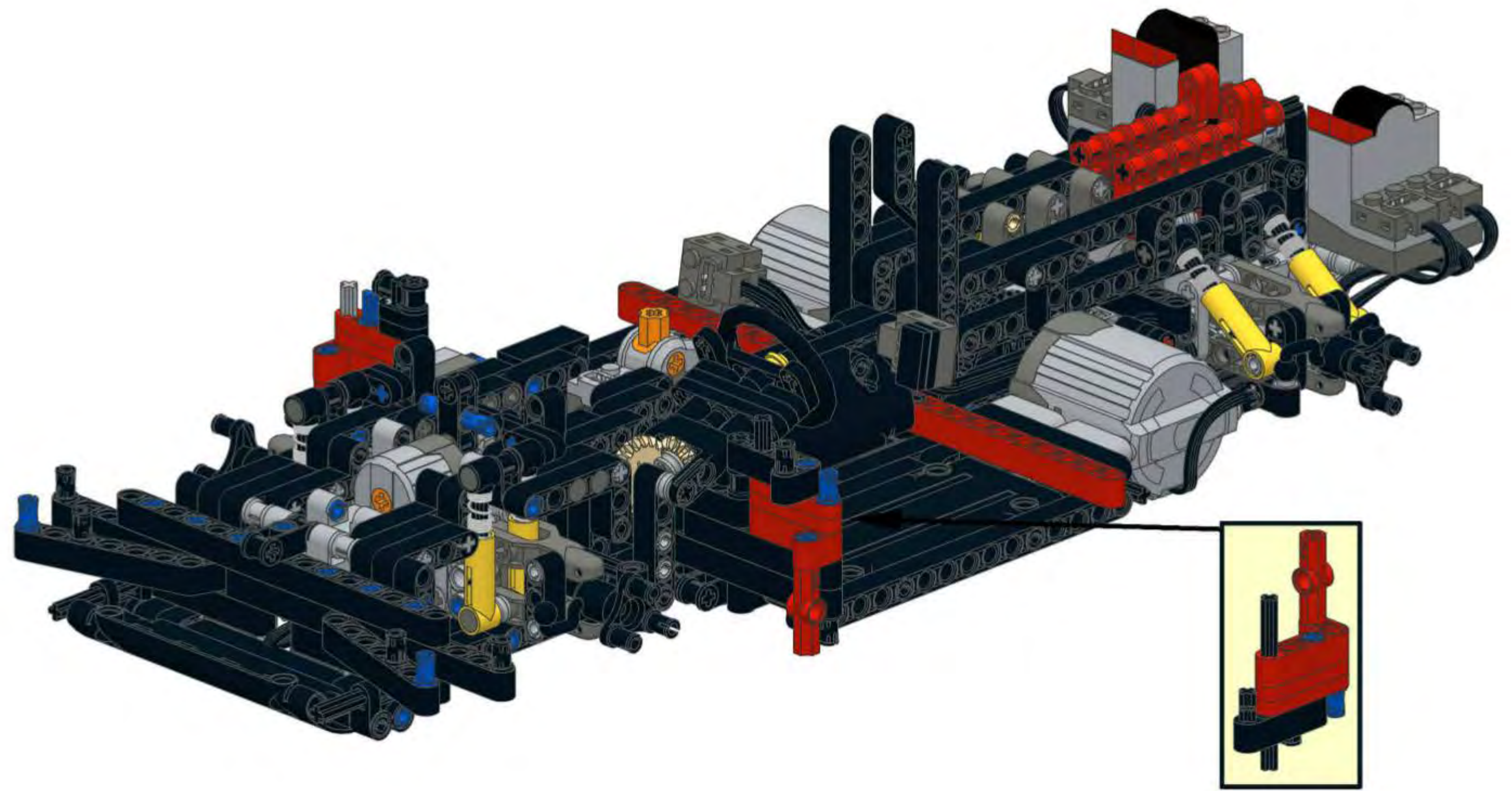
1x

5

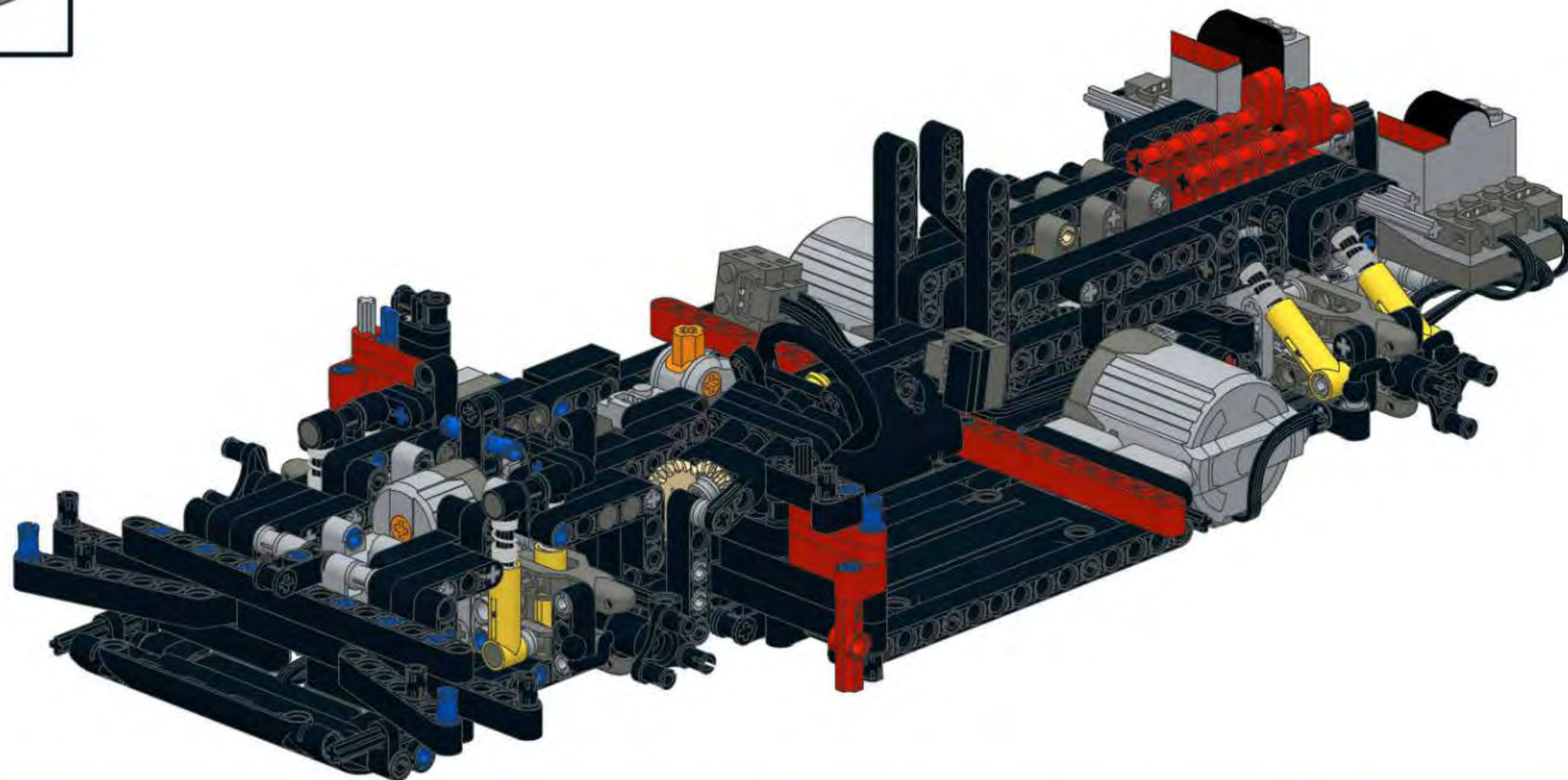
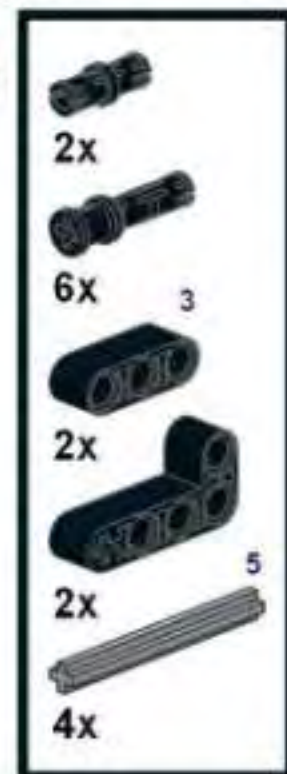
1x





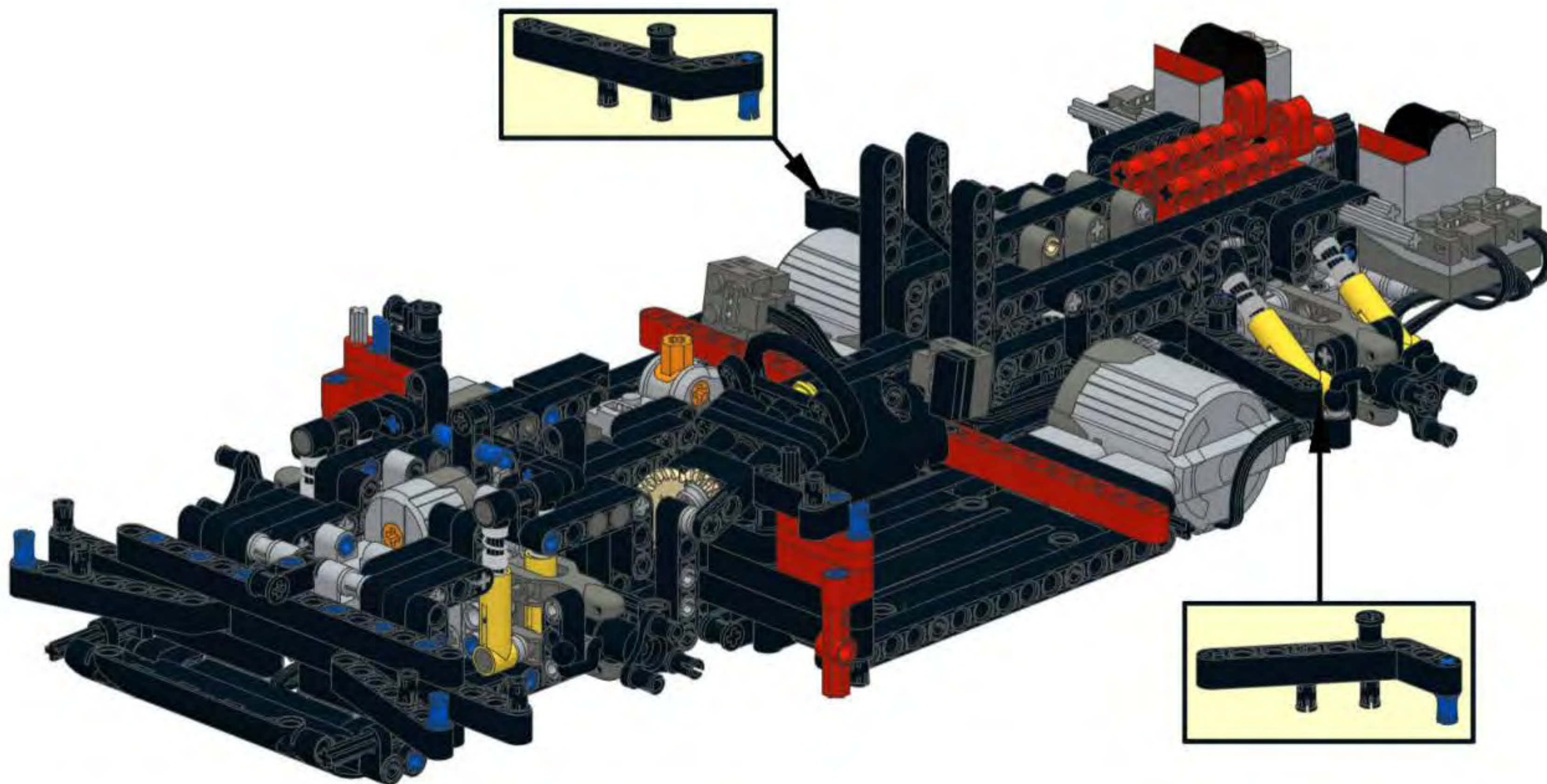


64



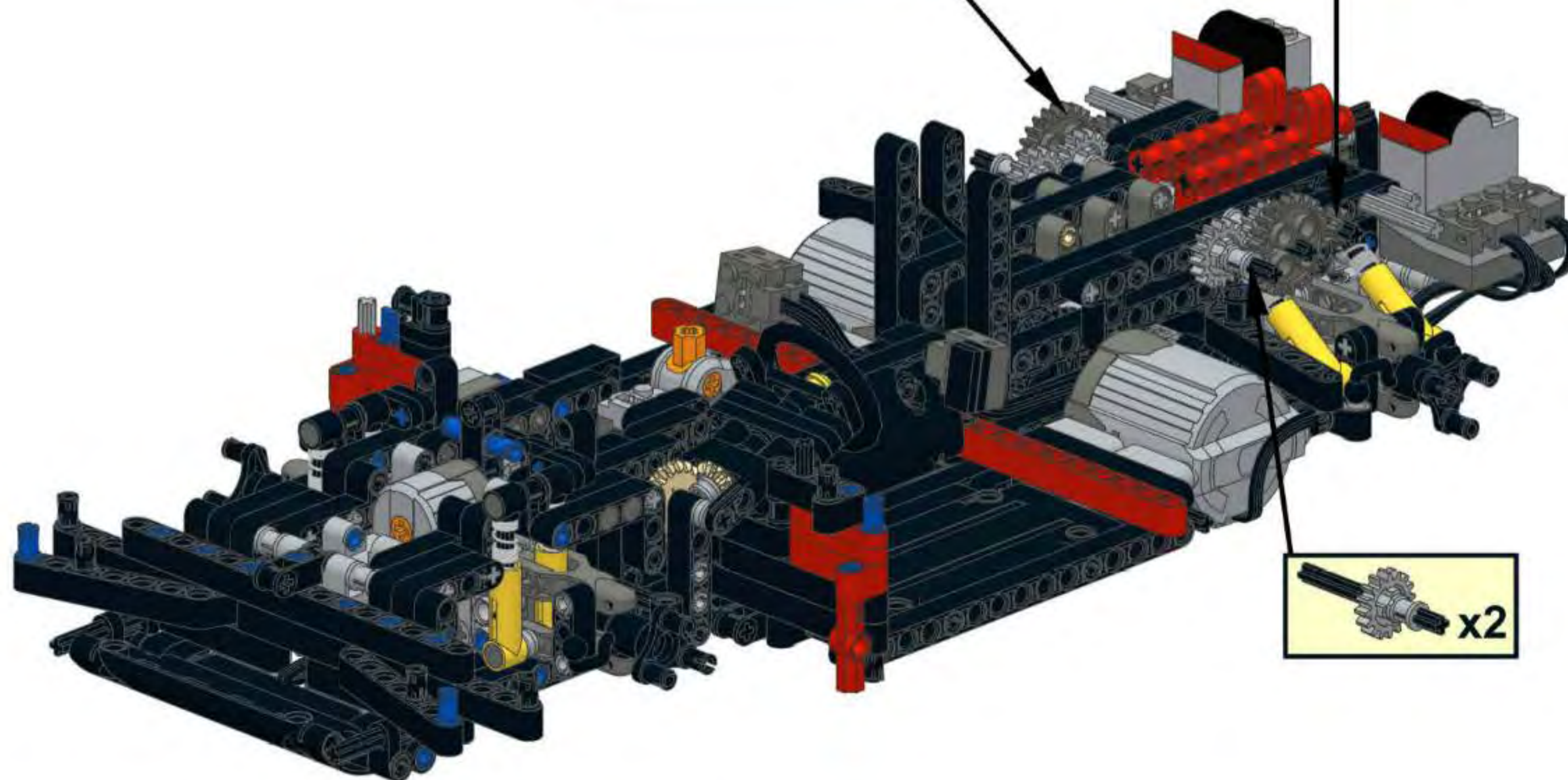
Red Spider

65



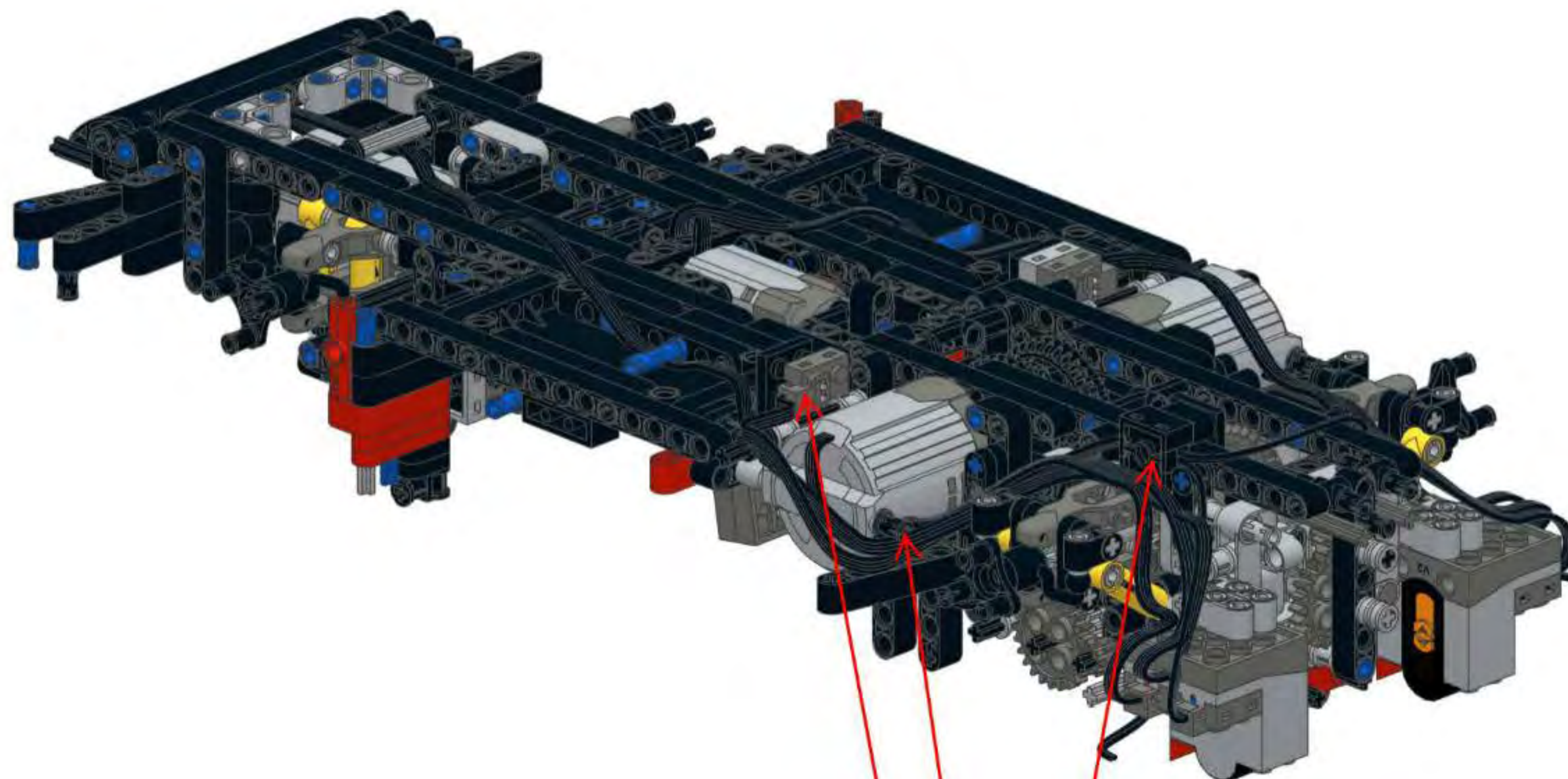
Red Spider

66

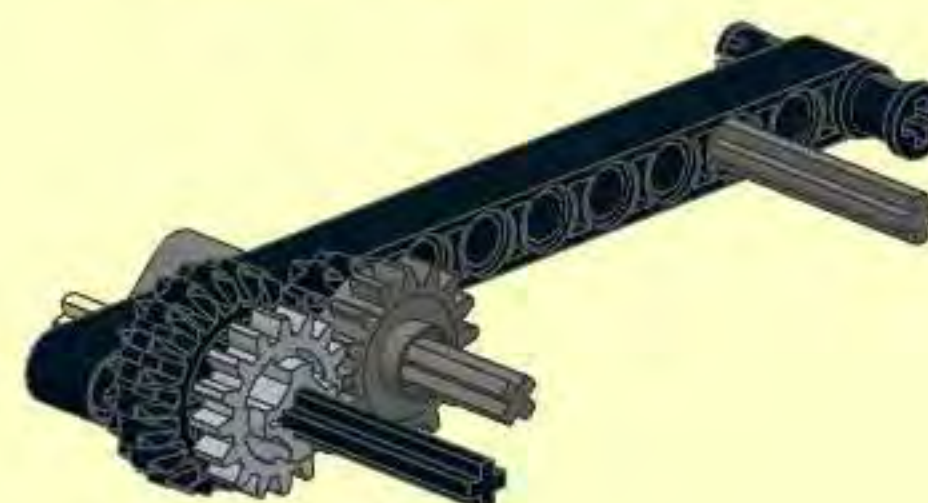
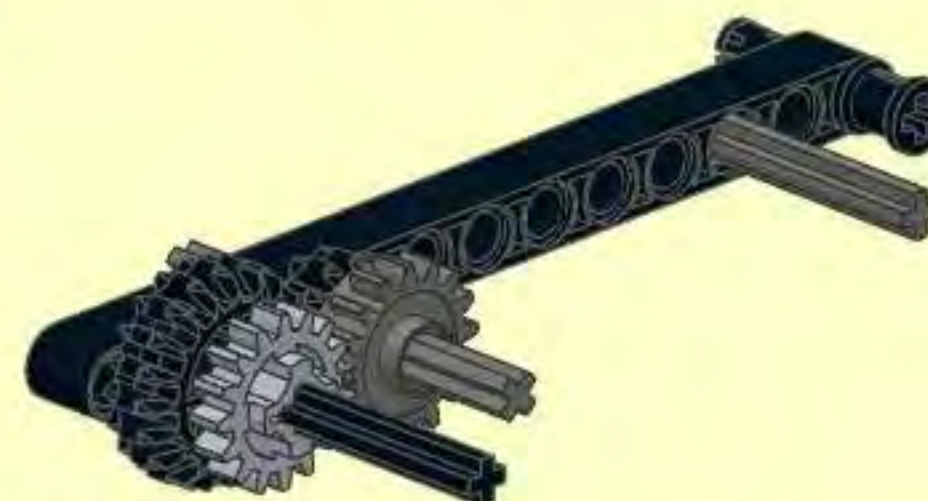
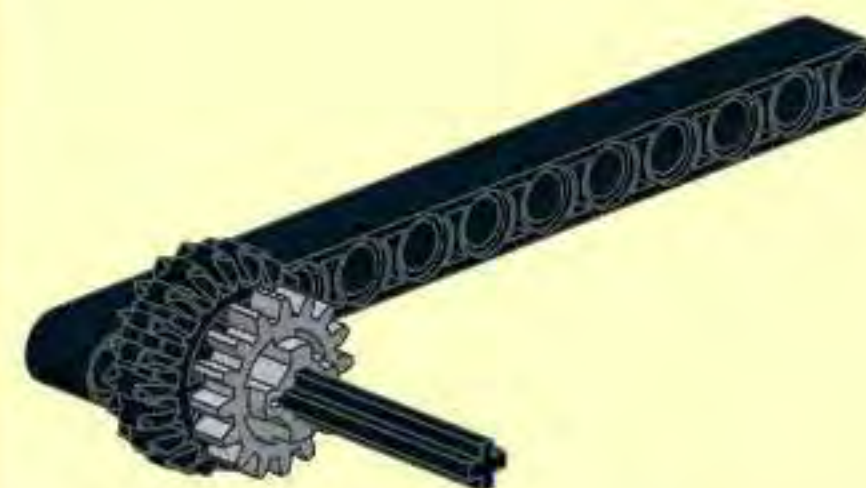
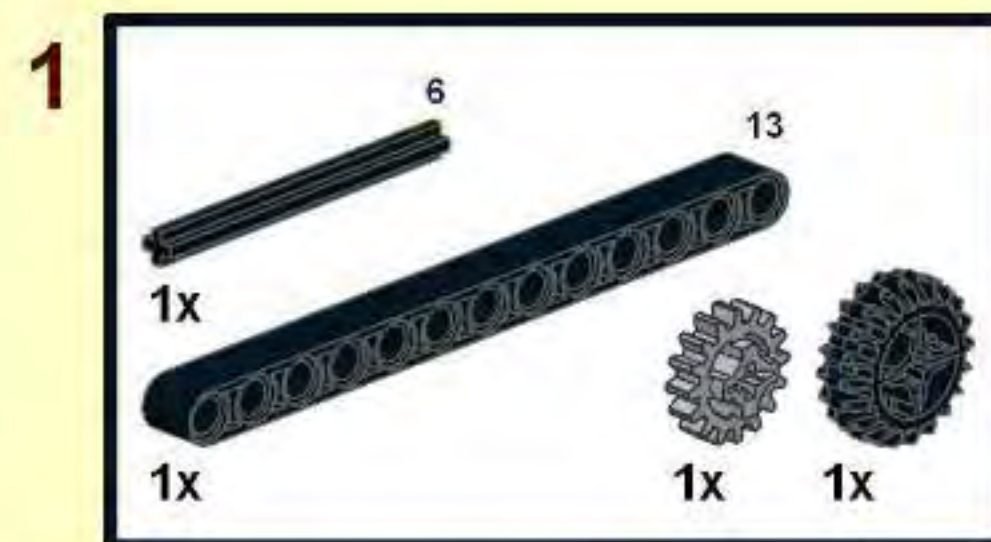


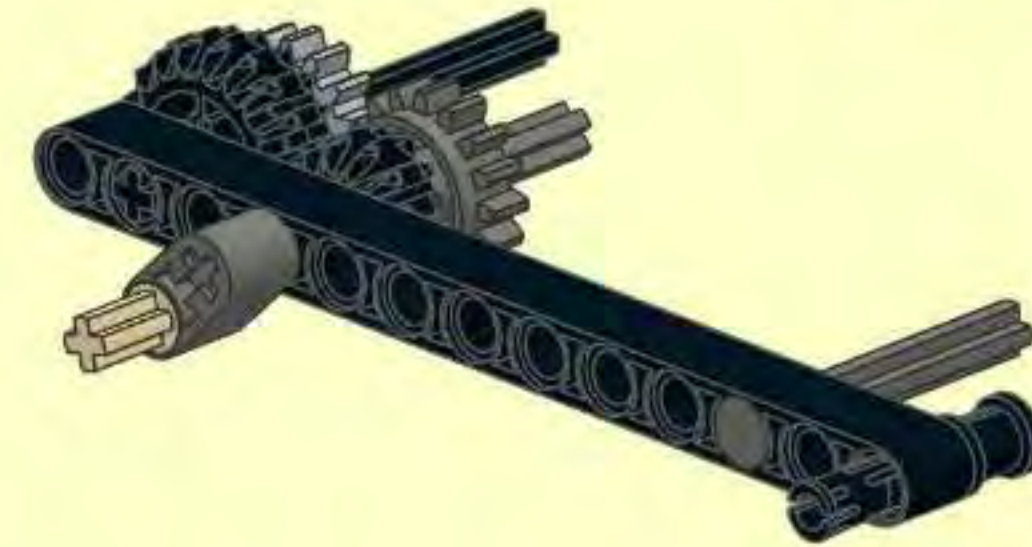
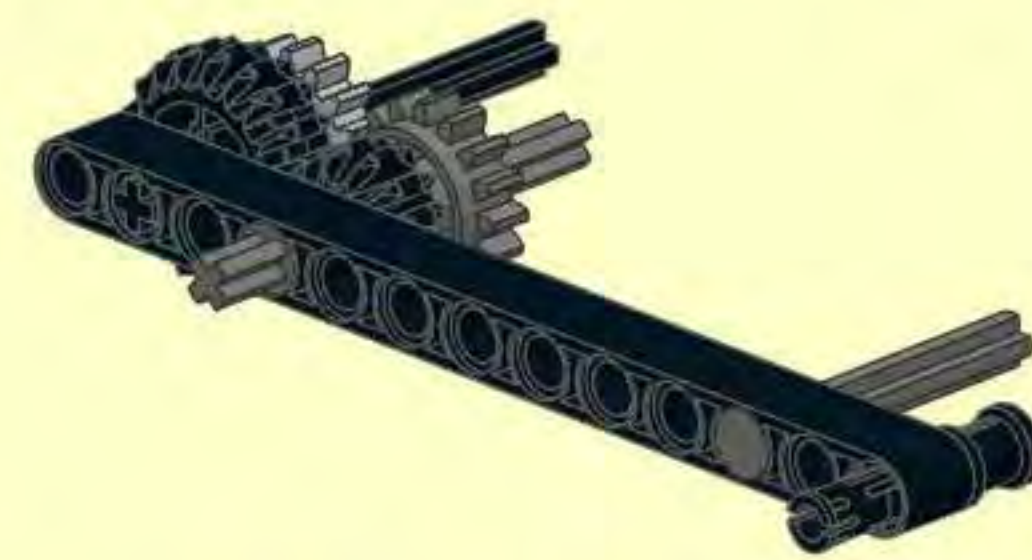
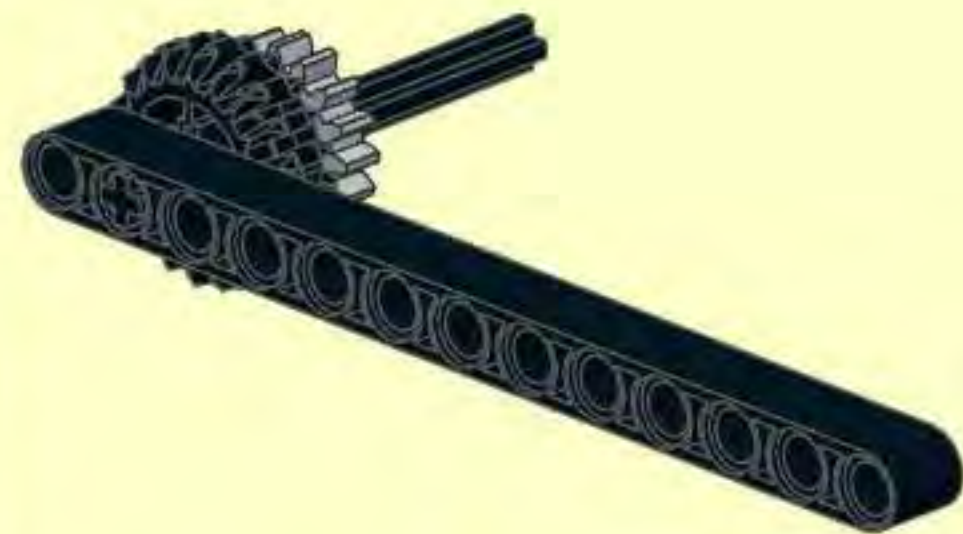
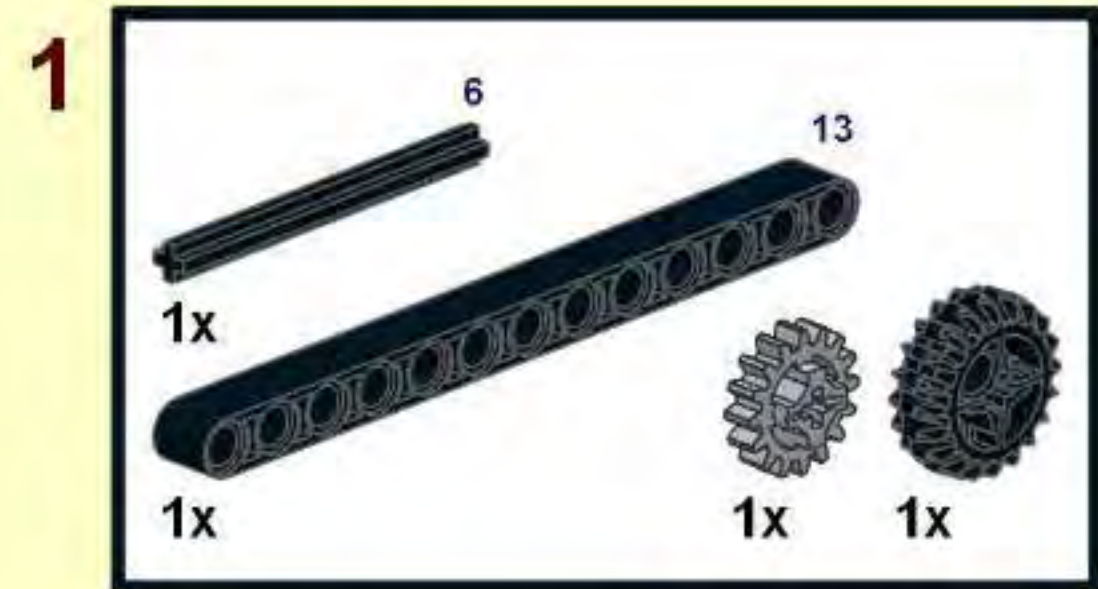
Red Spider

67

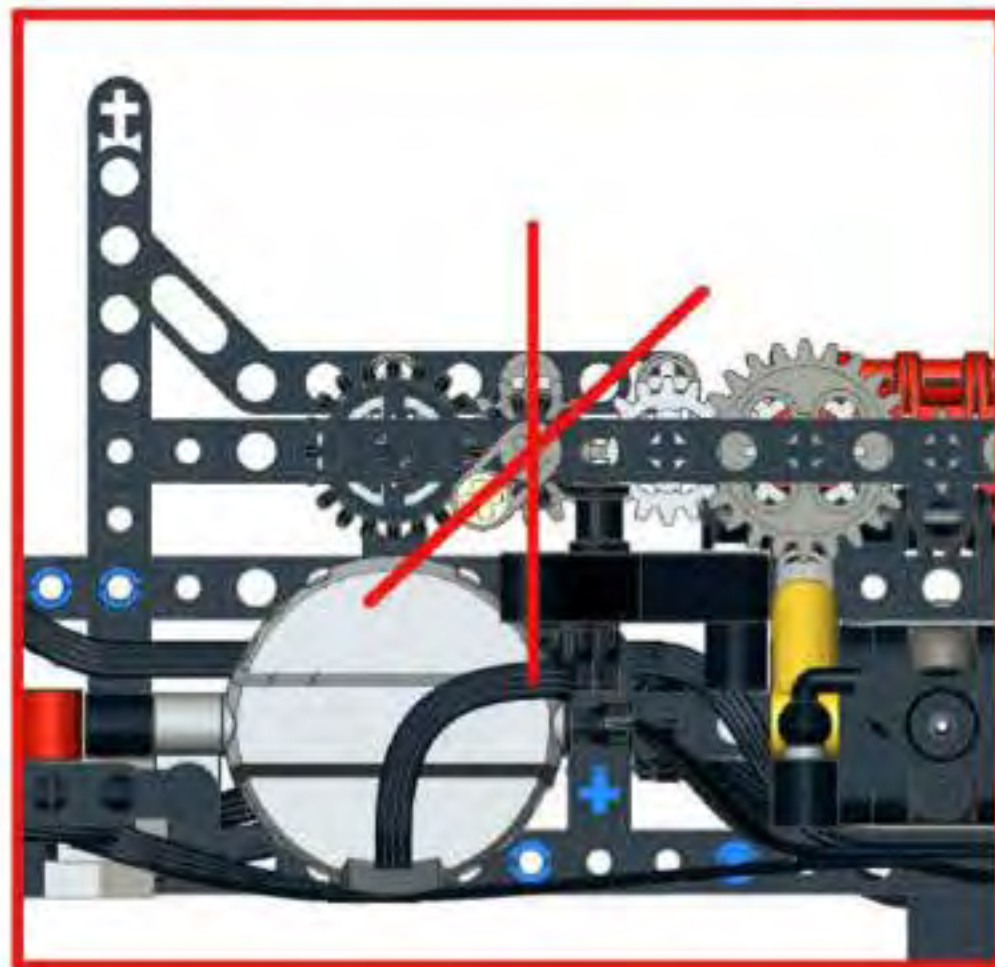


Rear LED connects here. Route wire over XL motor pin and anchor diode to the beams under the differential. See Step 68 for upper routing of the thin LED wire.

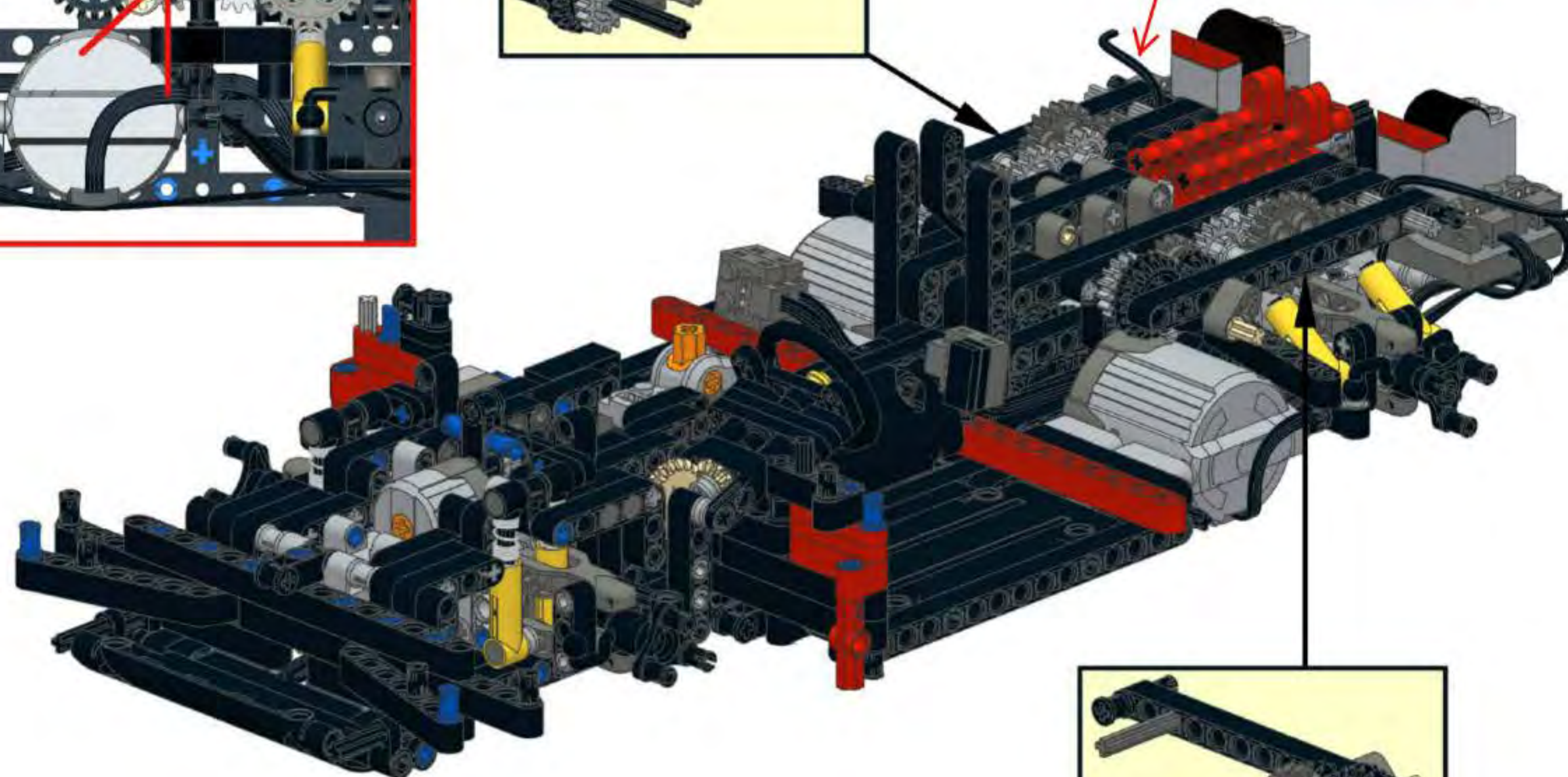


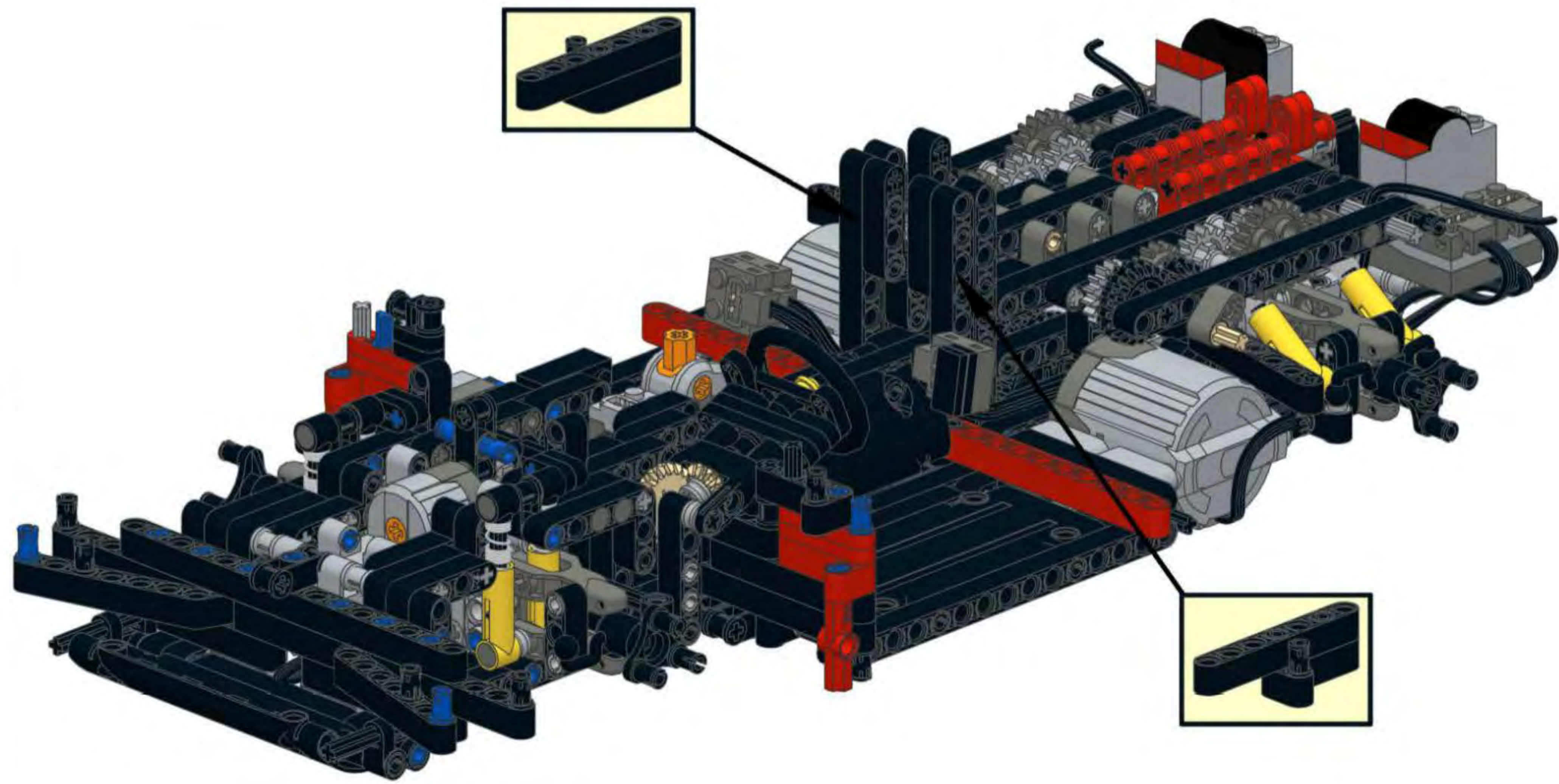


This crank angle is very important. Make sure the angle matches the picture.

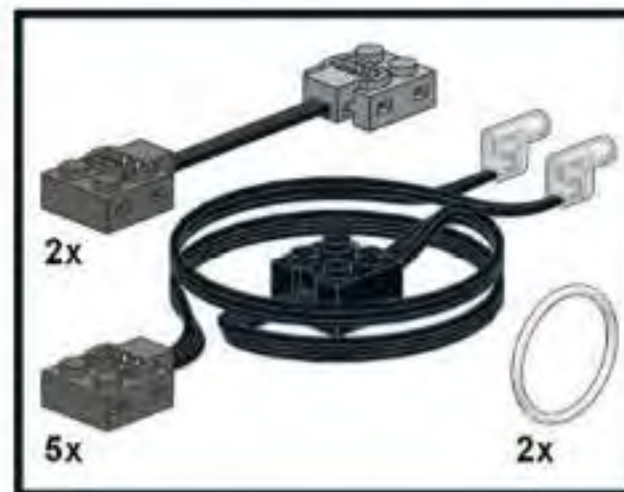


Route LED wires through here. Lights will be attached to bumper later.

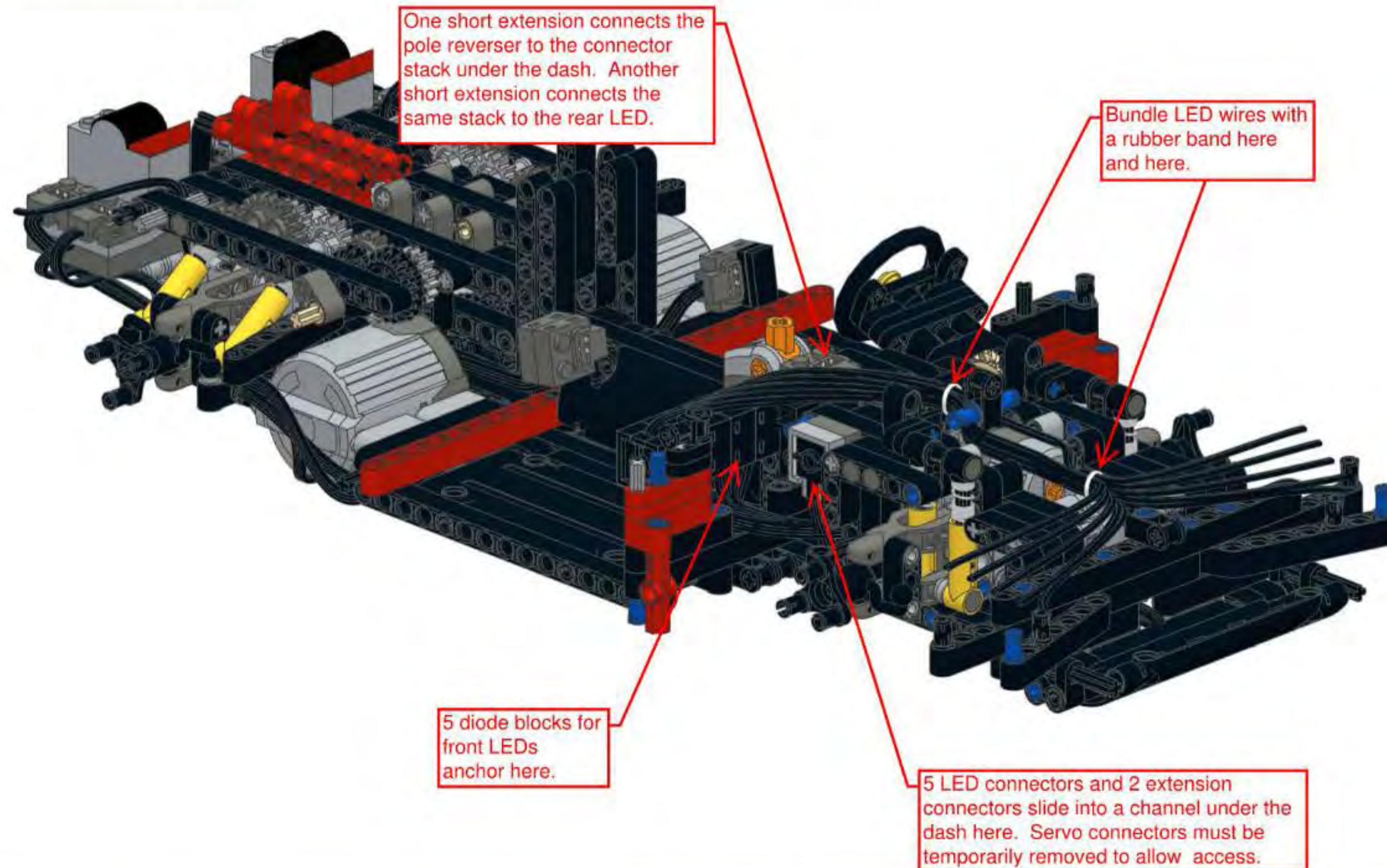


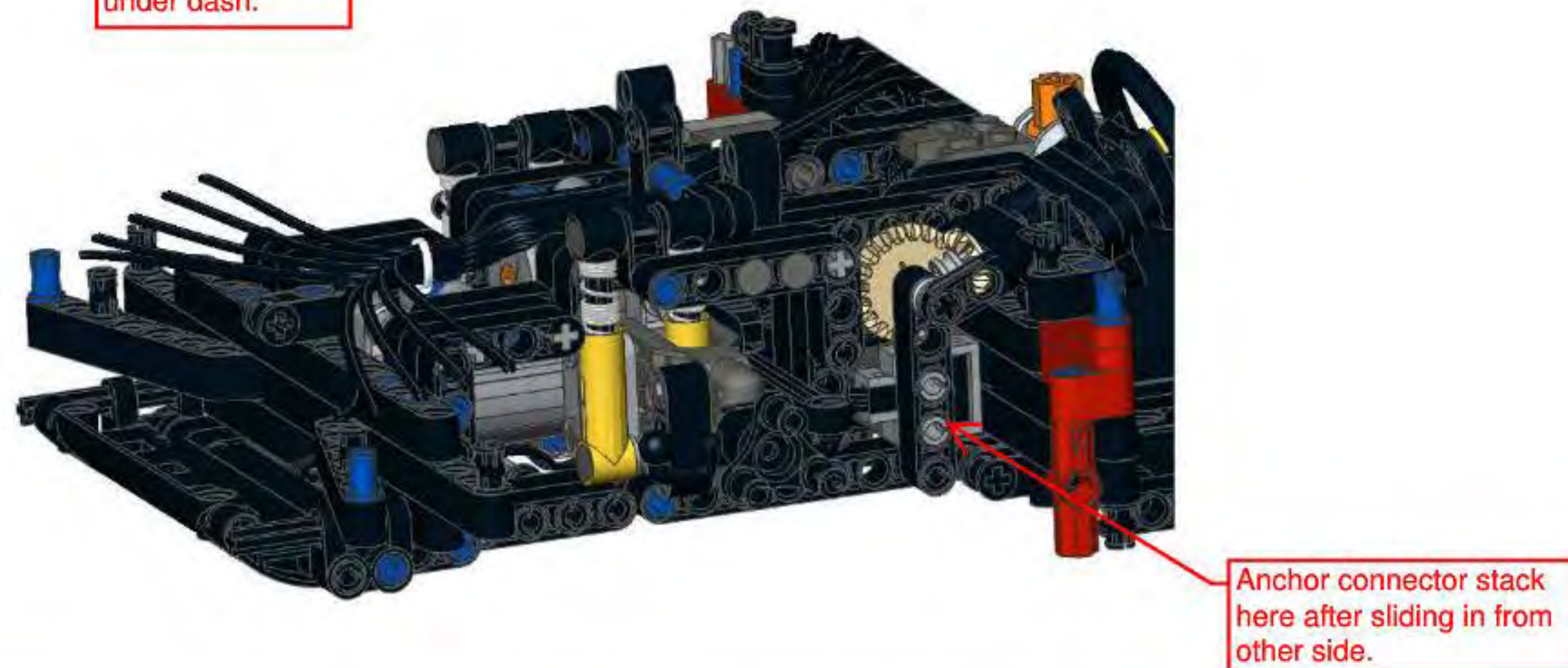
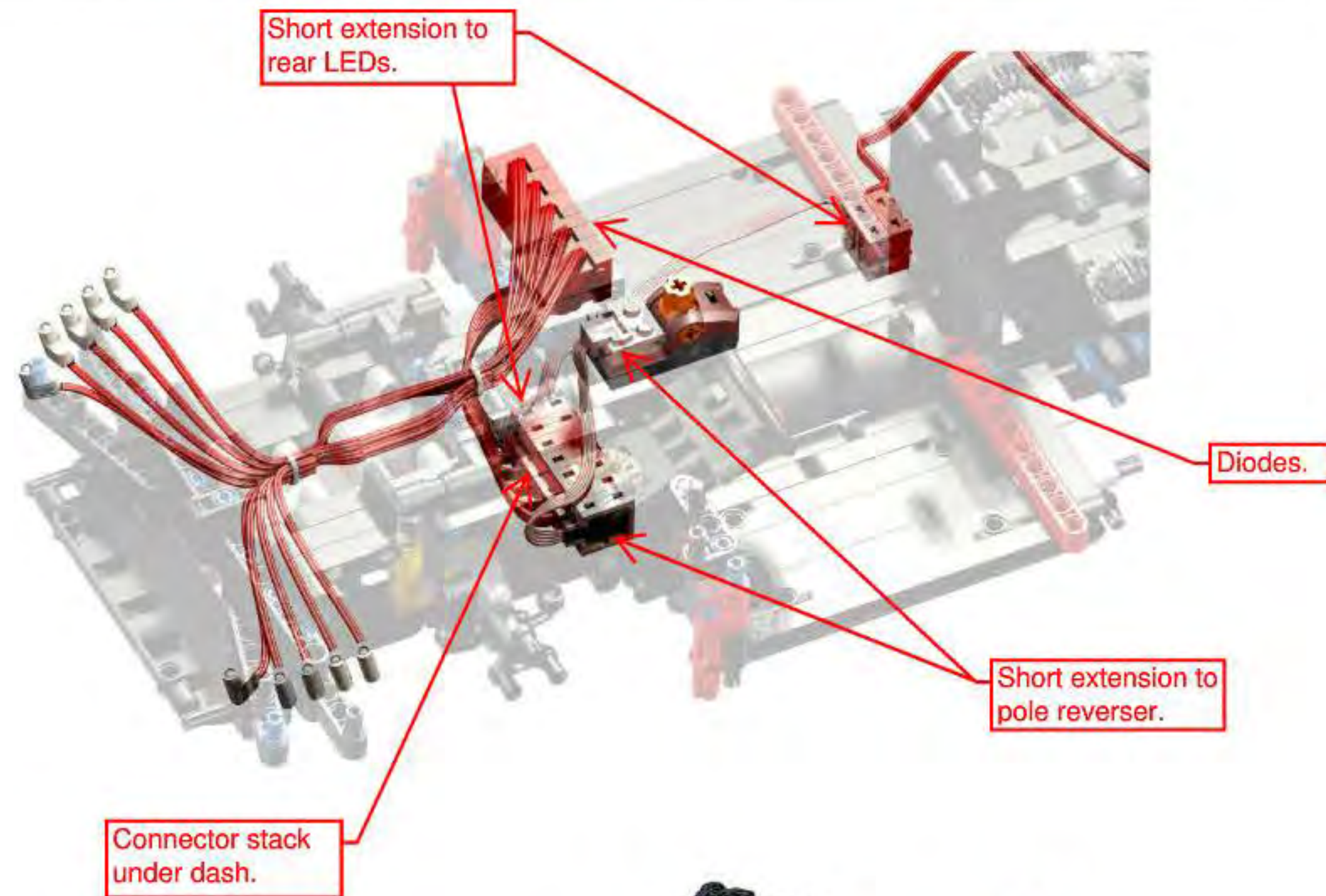


70

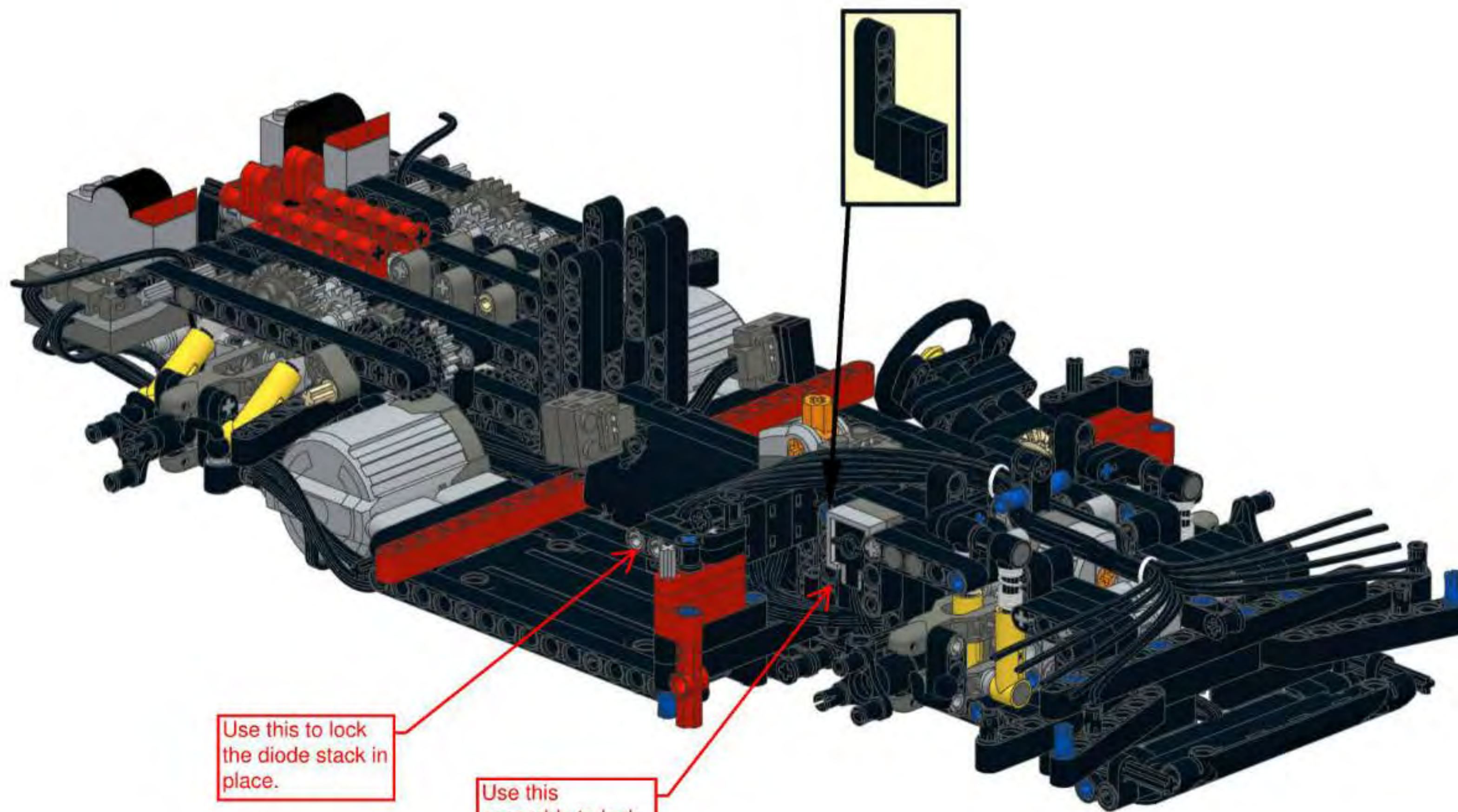


See following page for more LED wiring information.



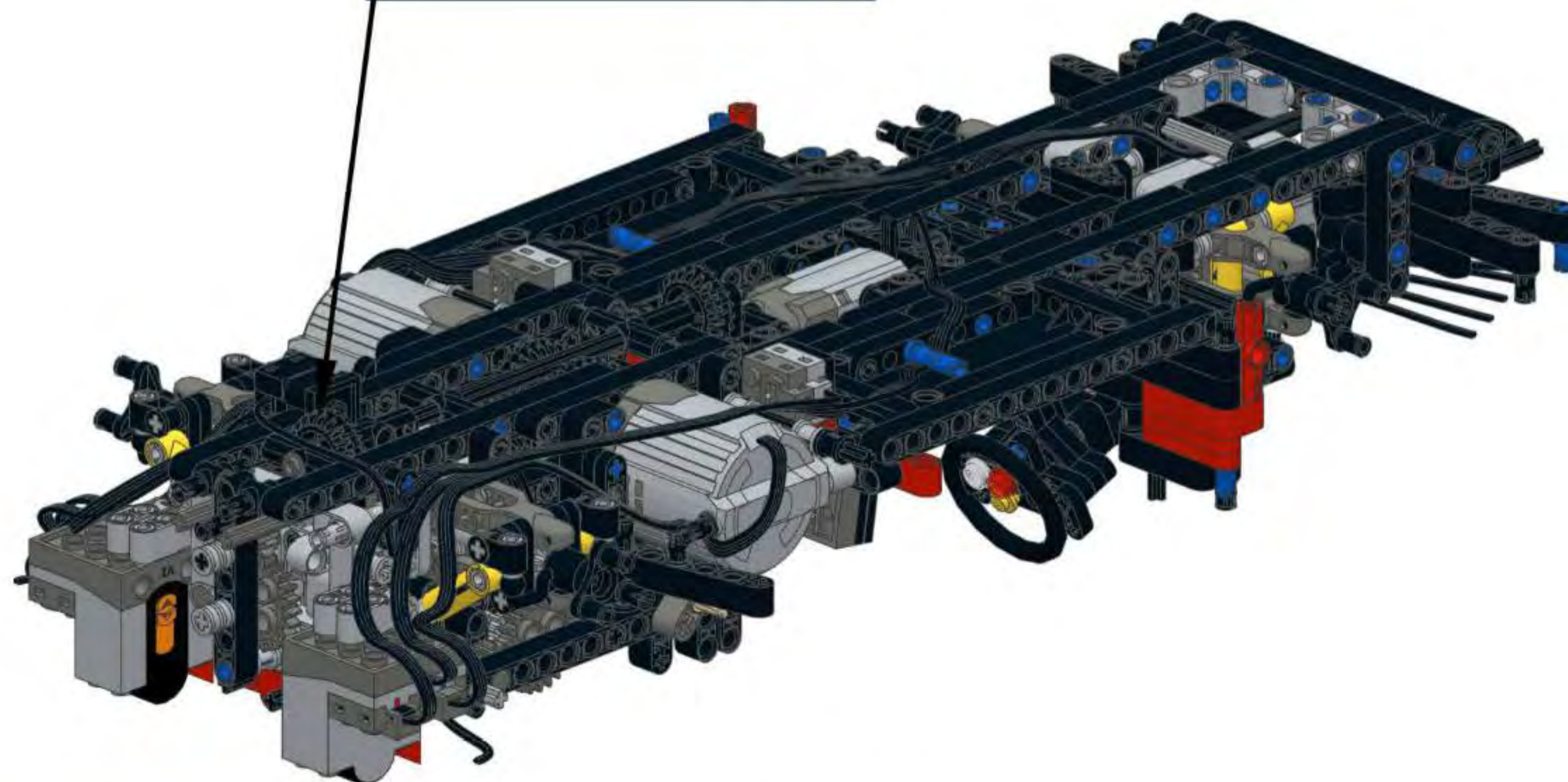


71



Red Spider

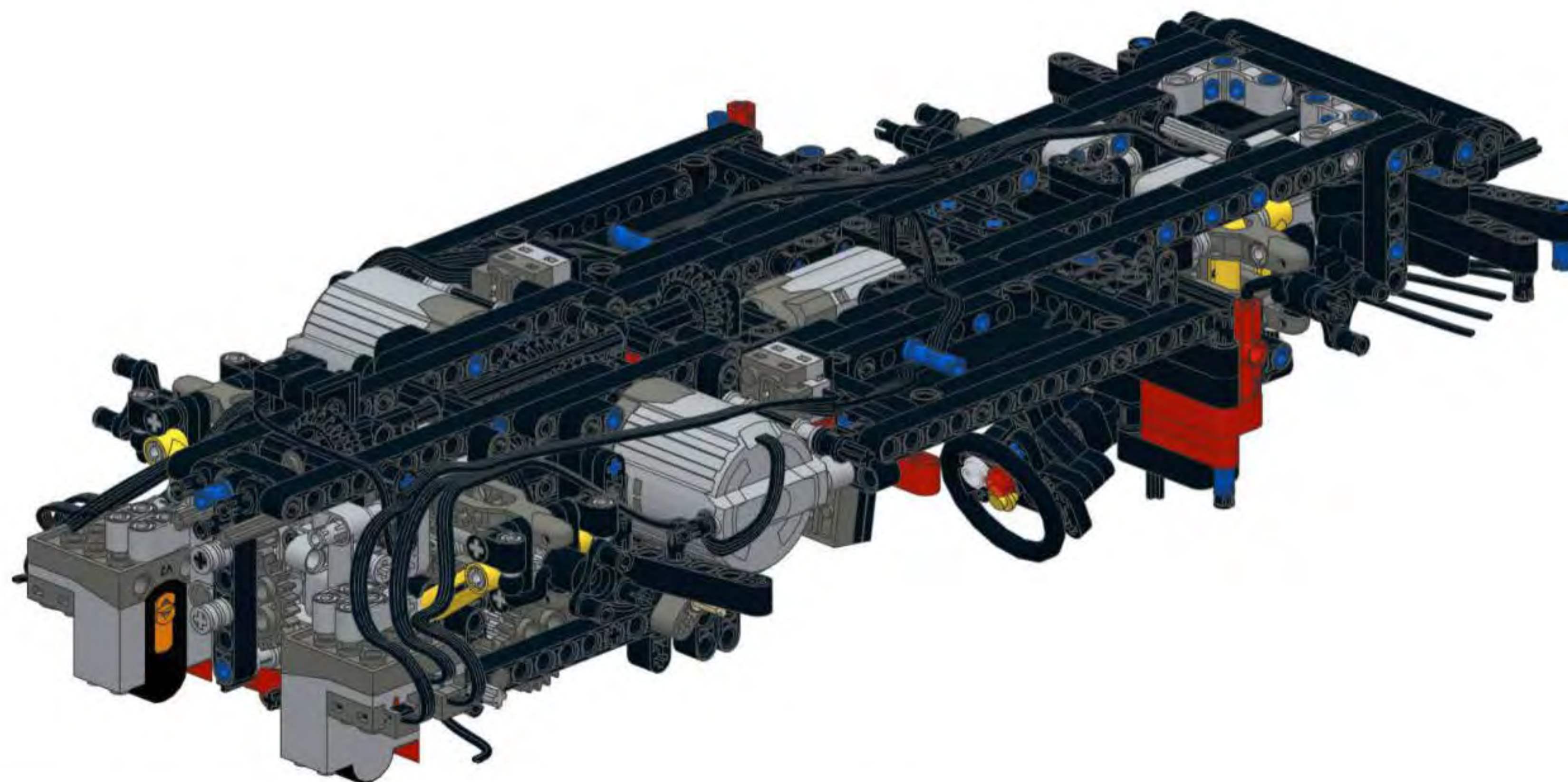
72



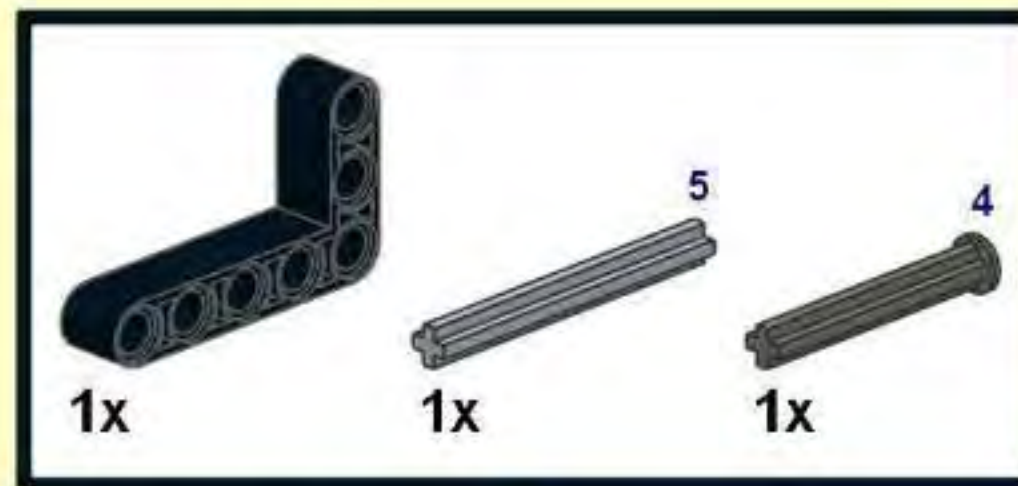
73



Red Spider



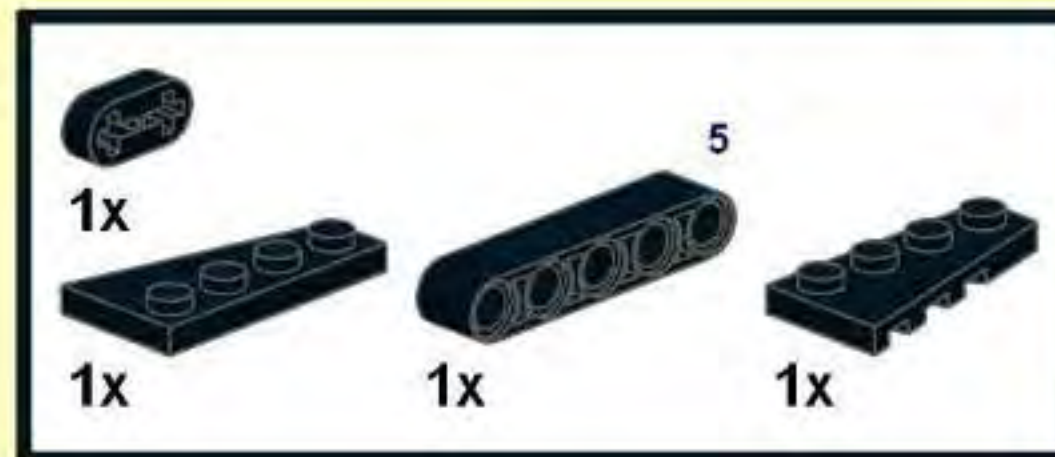
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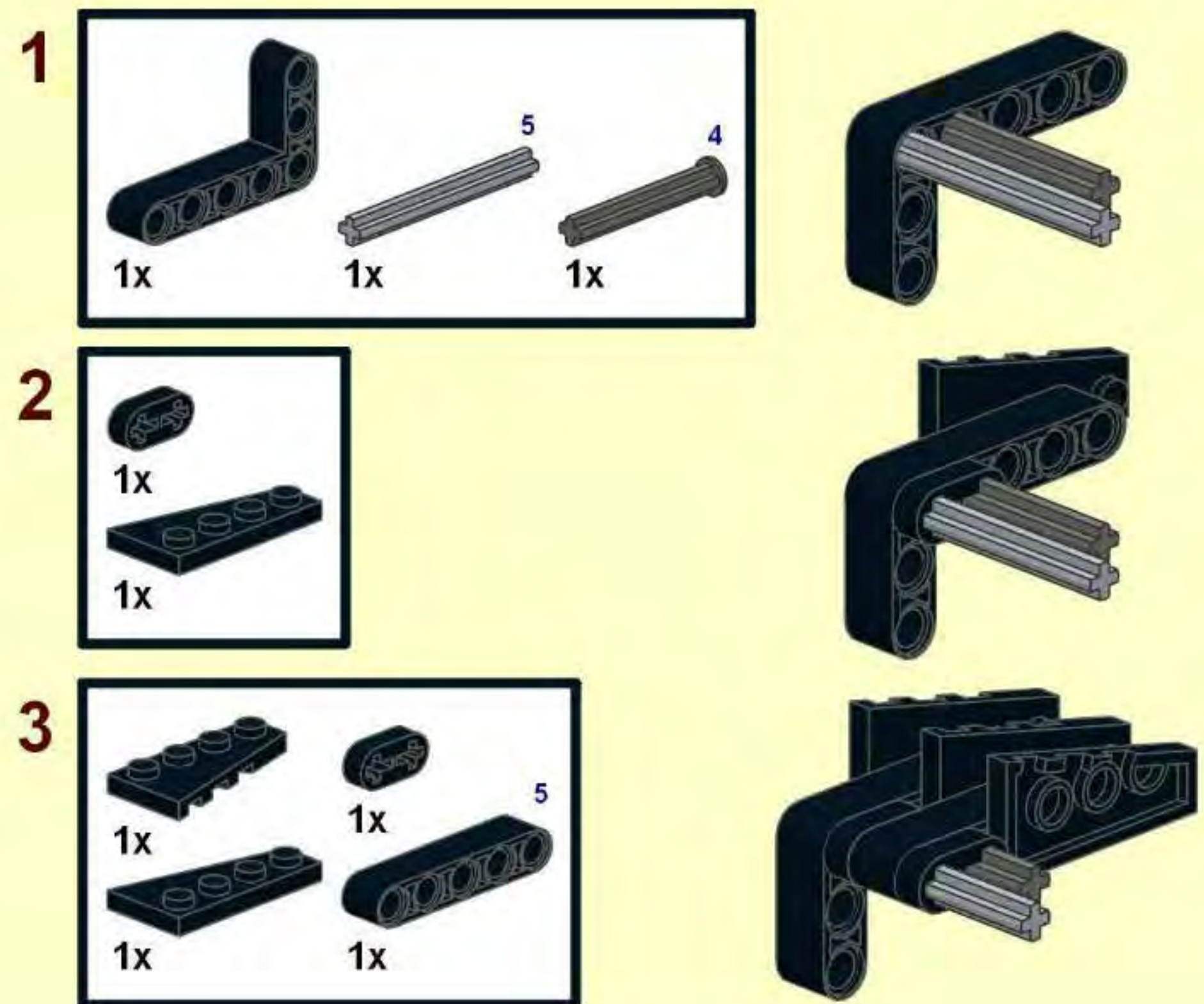


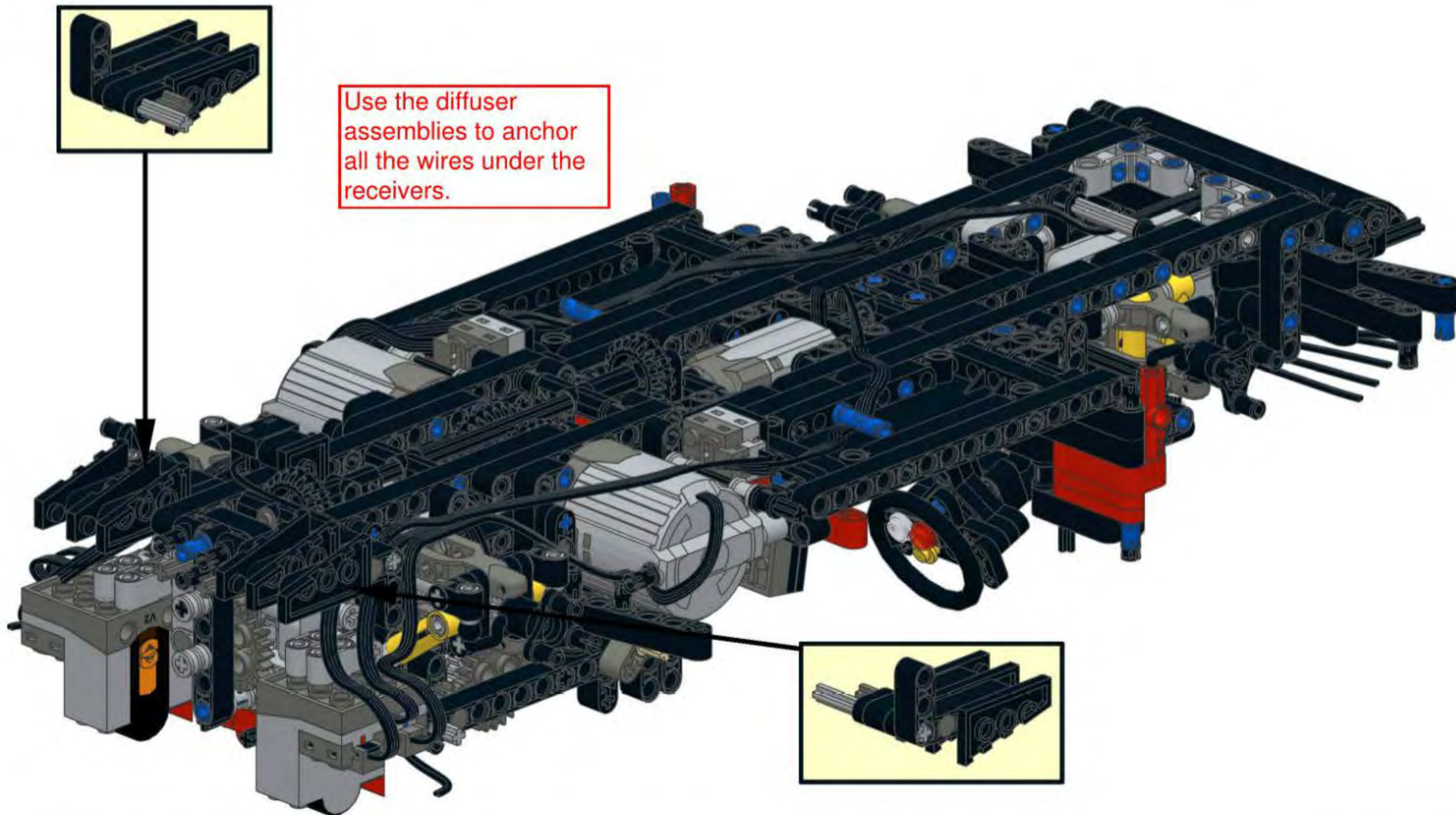
2



3







Red Spider

75


2x

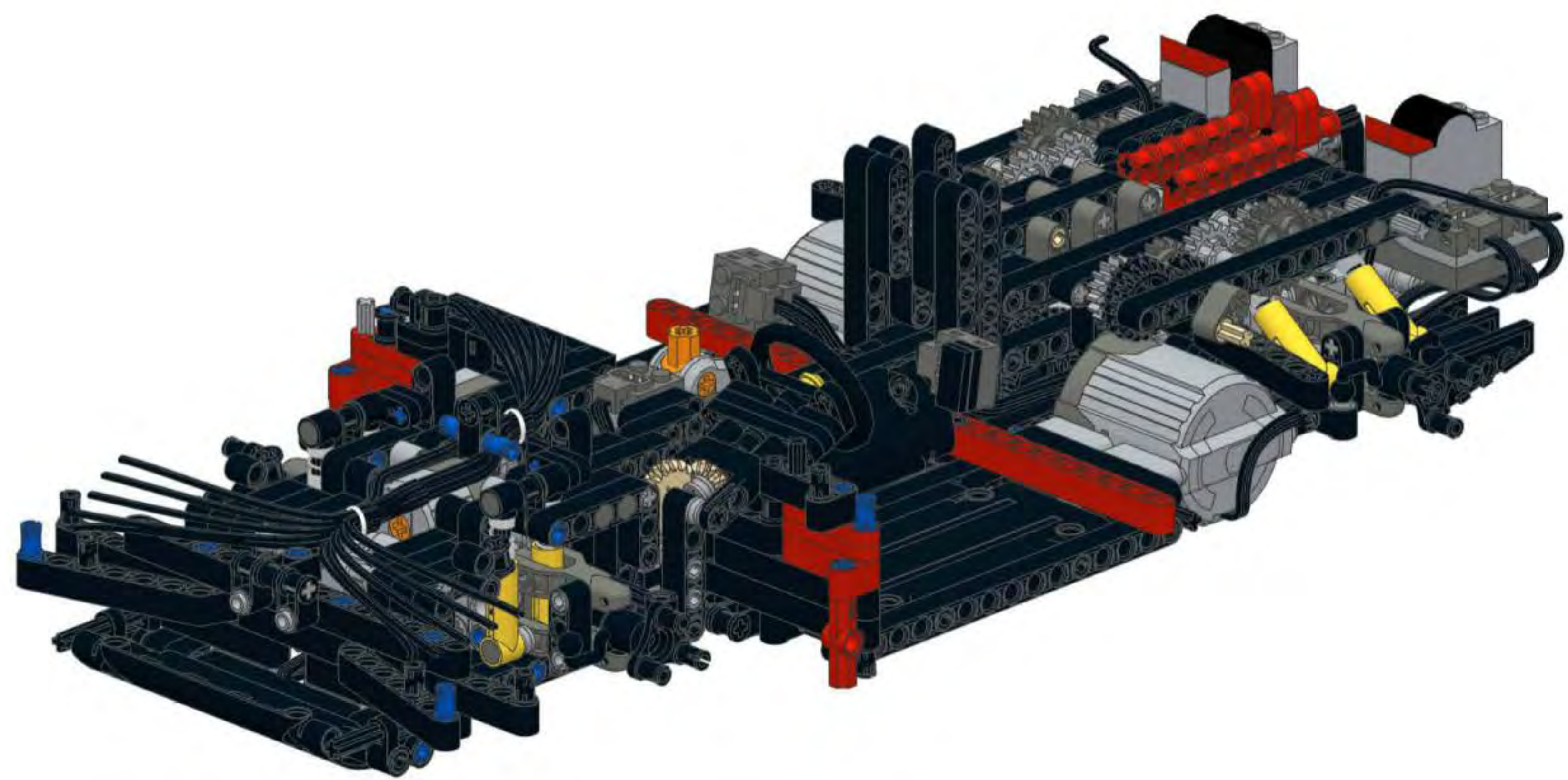

1x


3


2x


2x

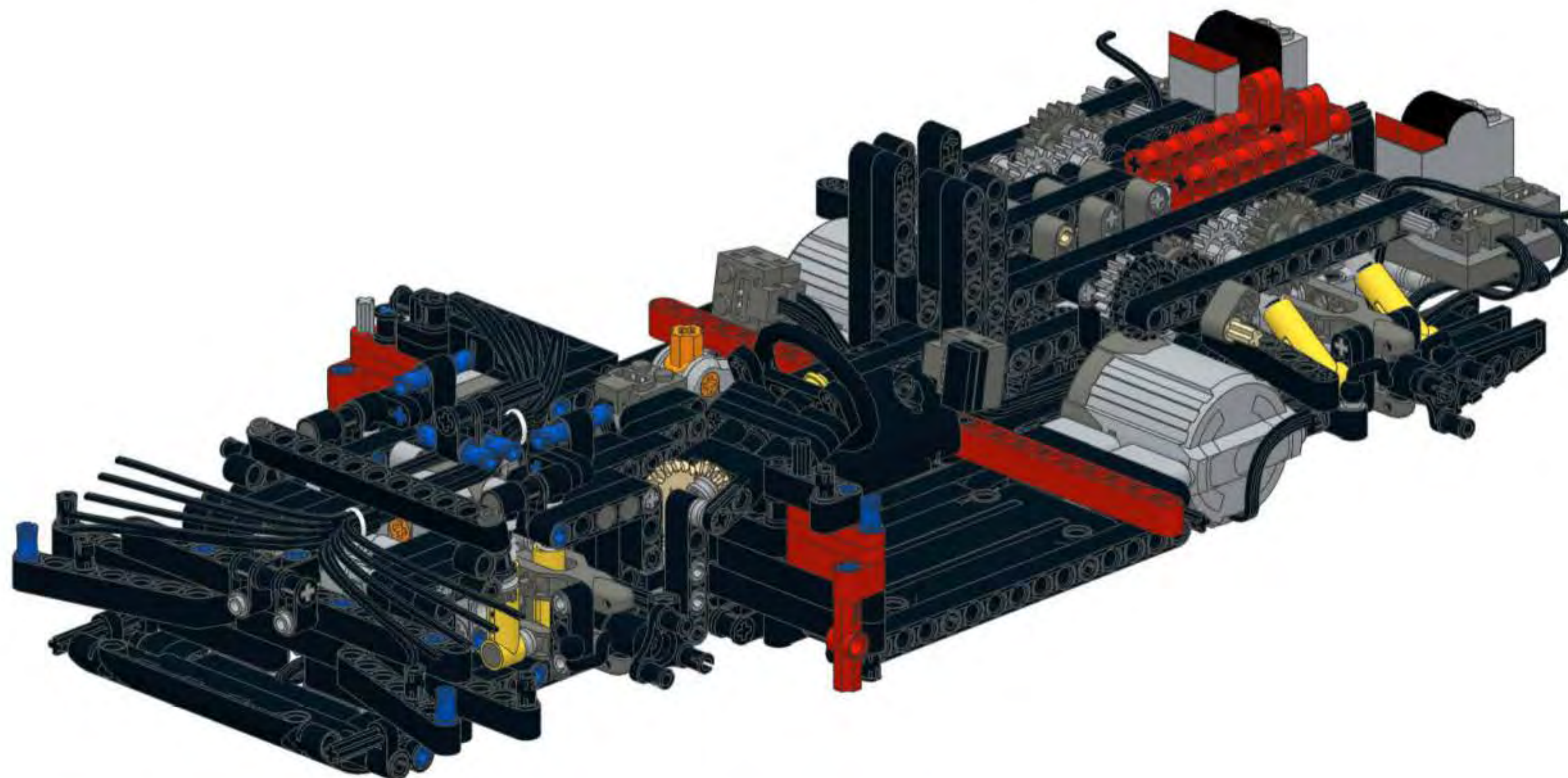

2x



76

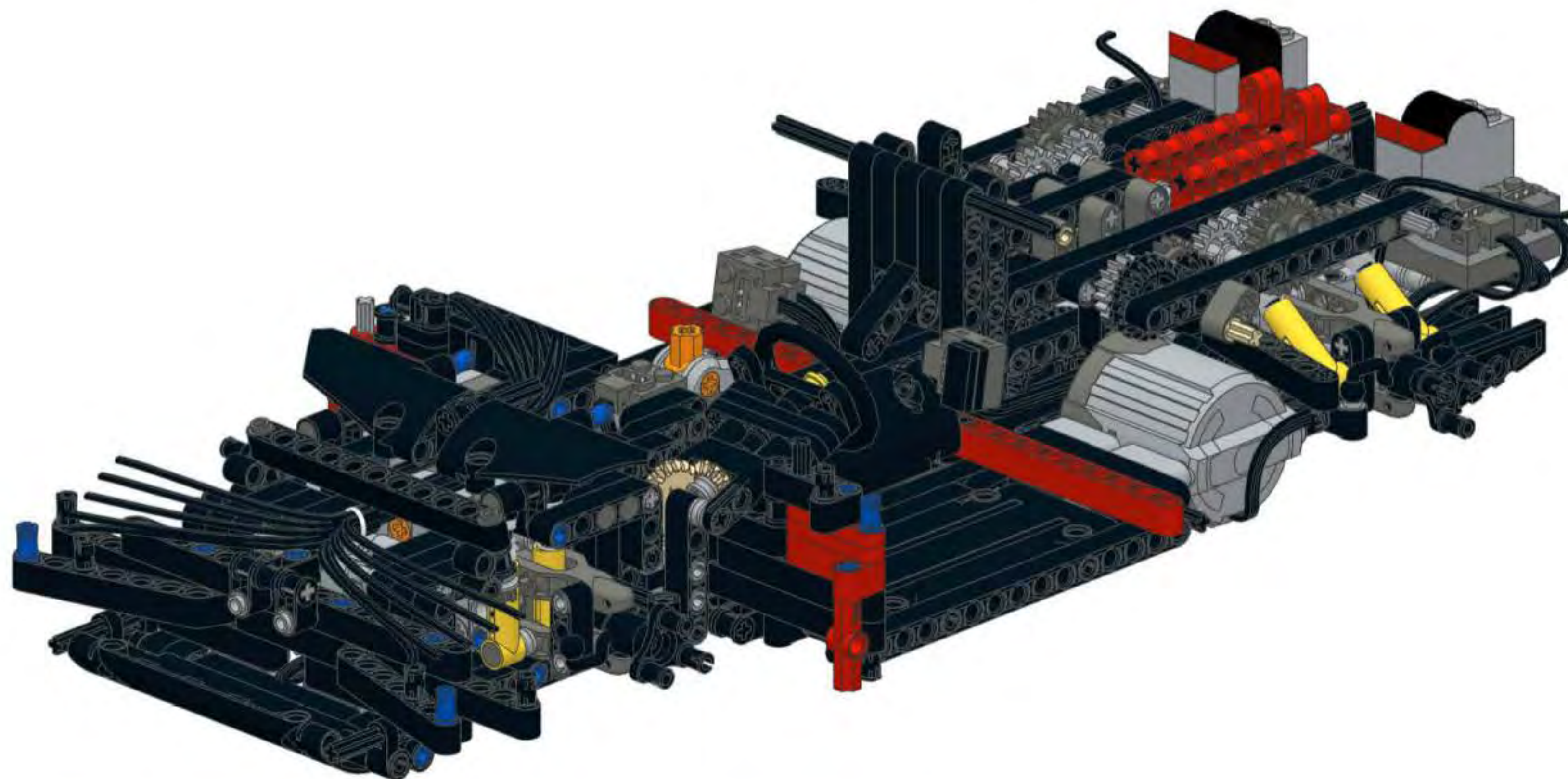
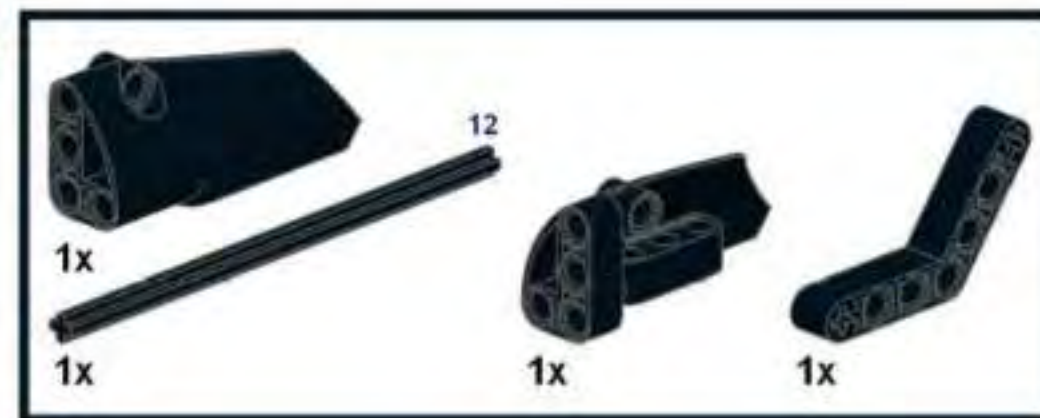


Red Spider

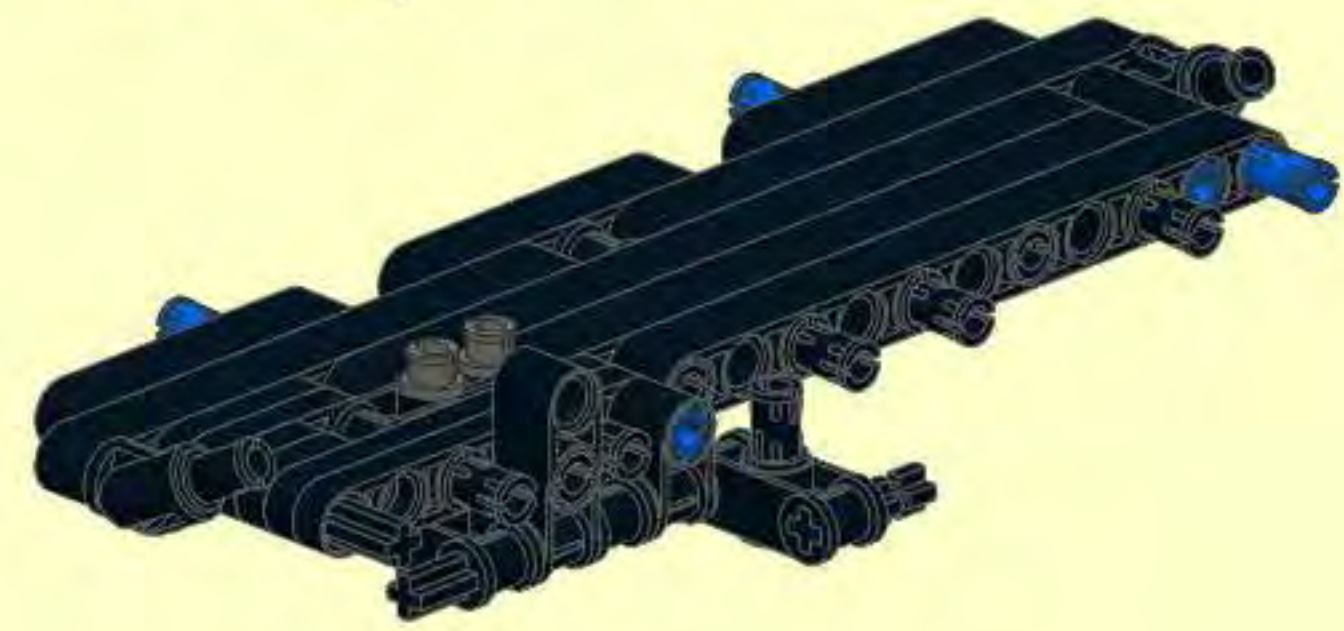
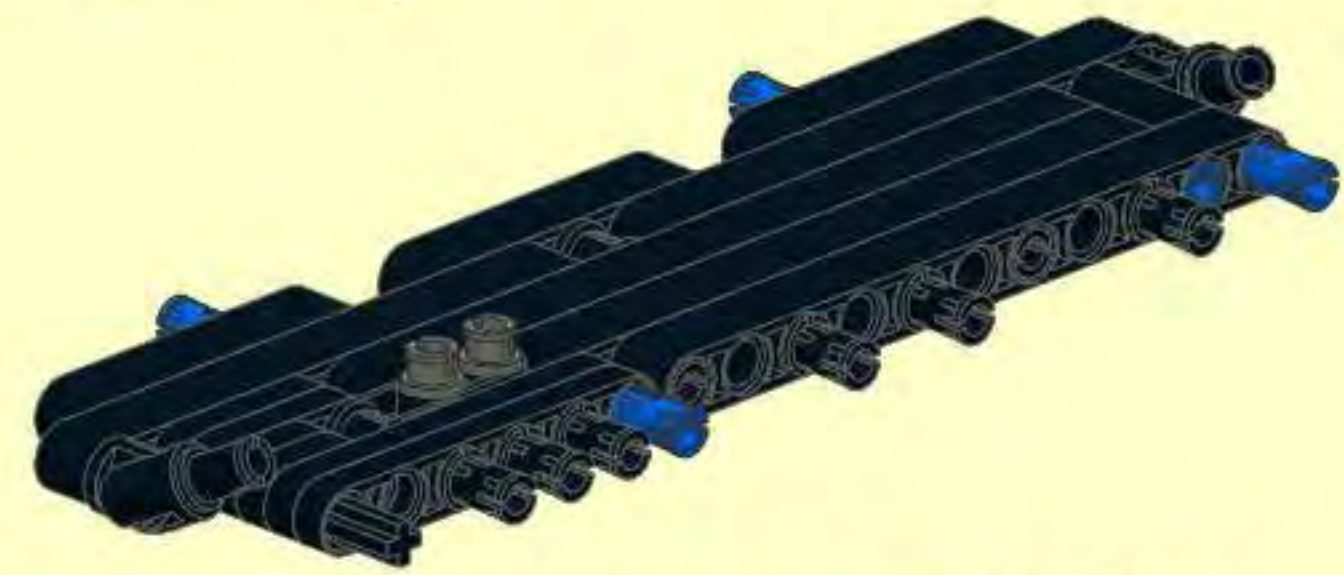
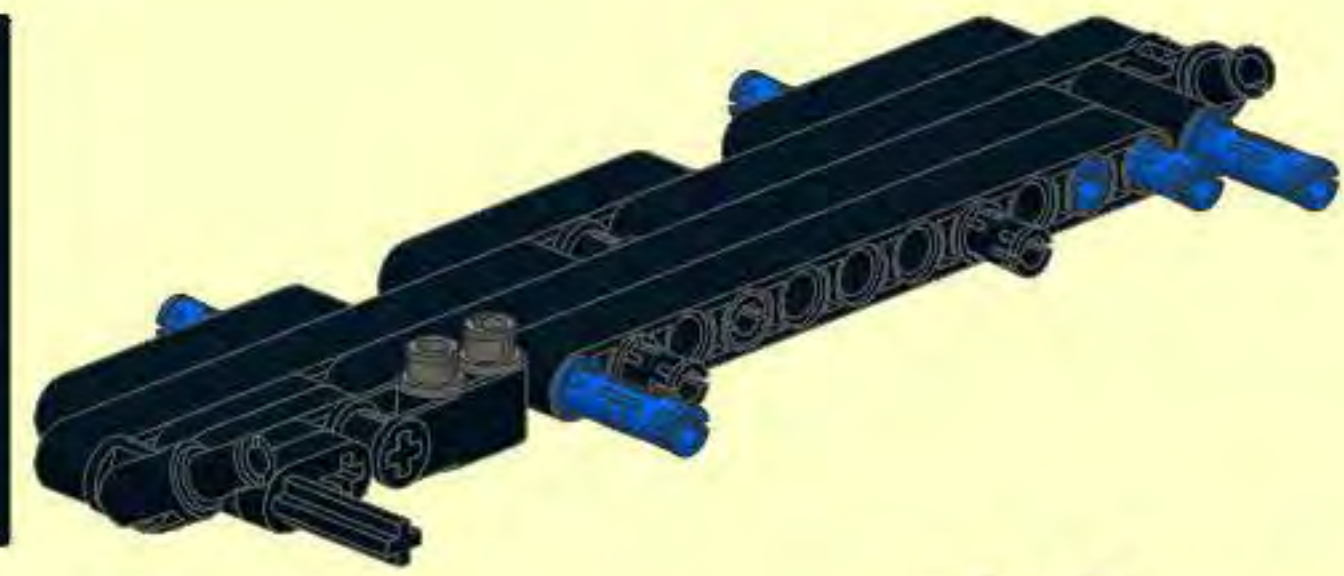
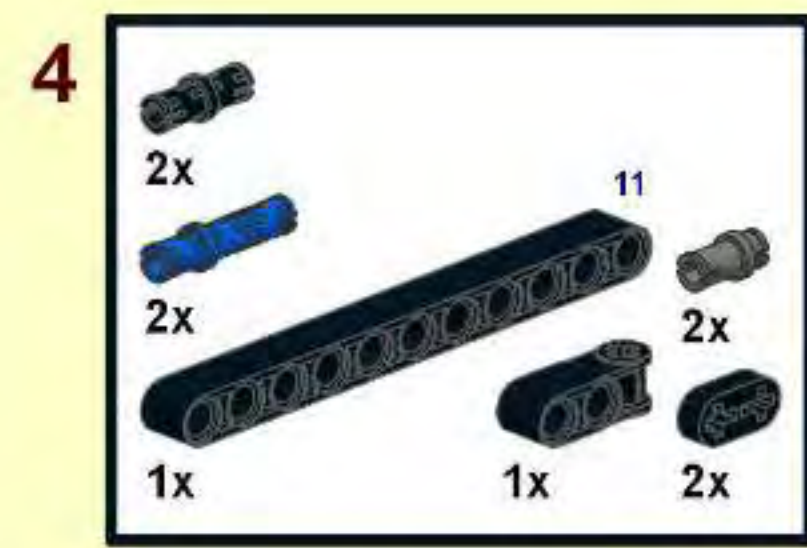


Red Spider

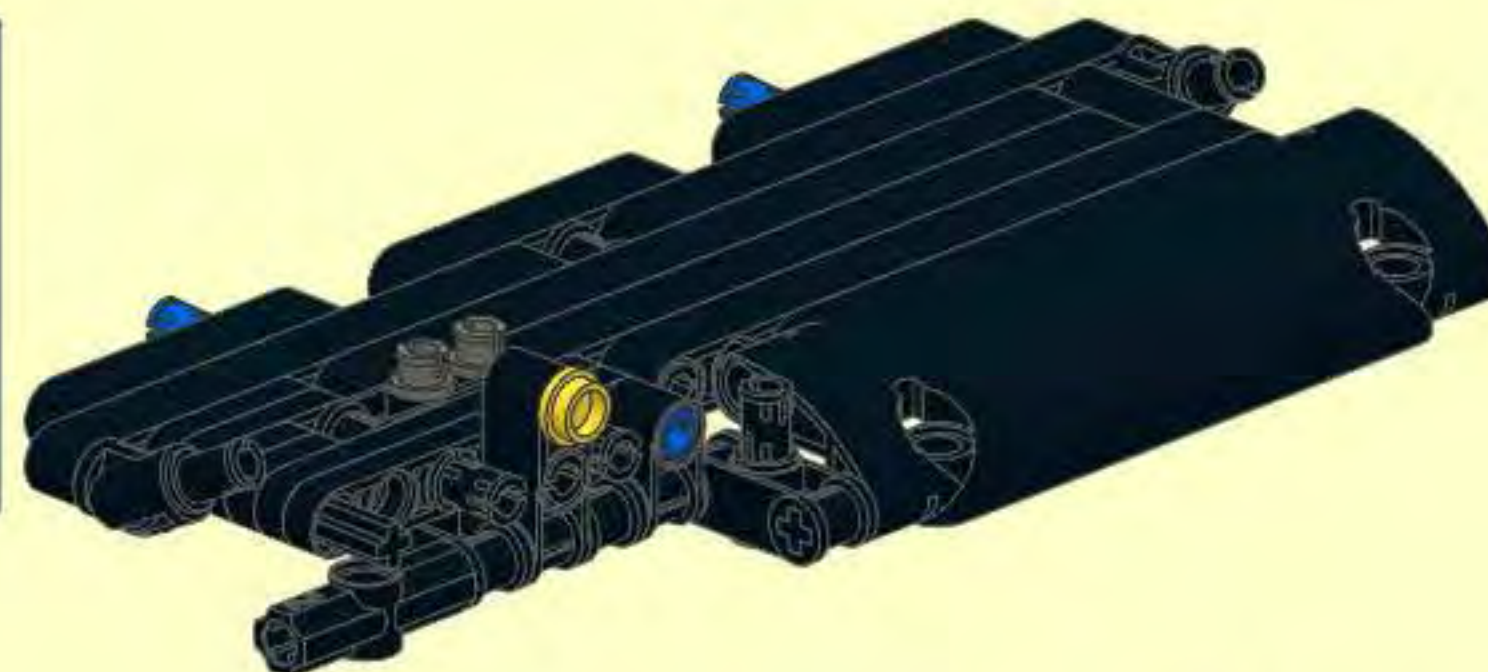
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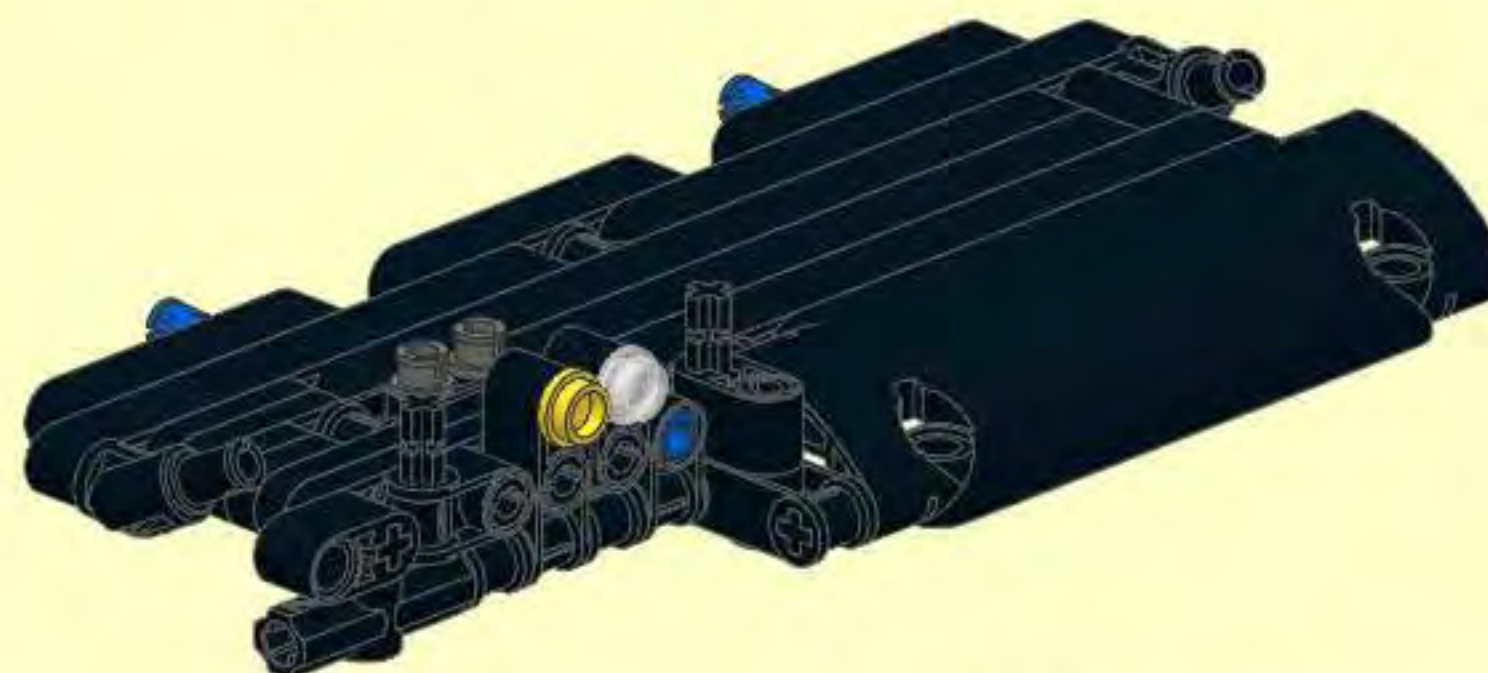




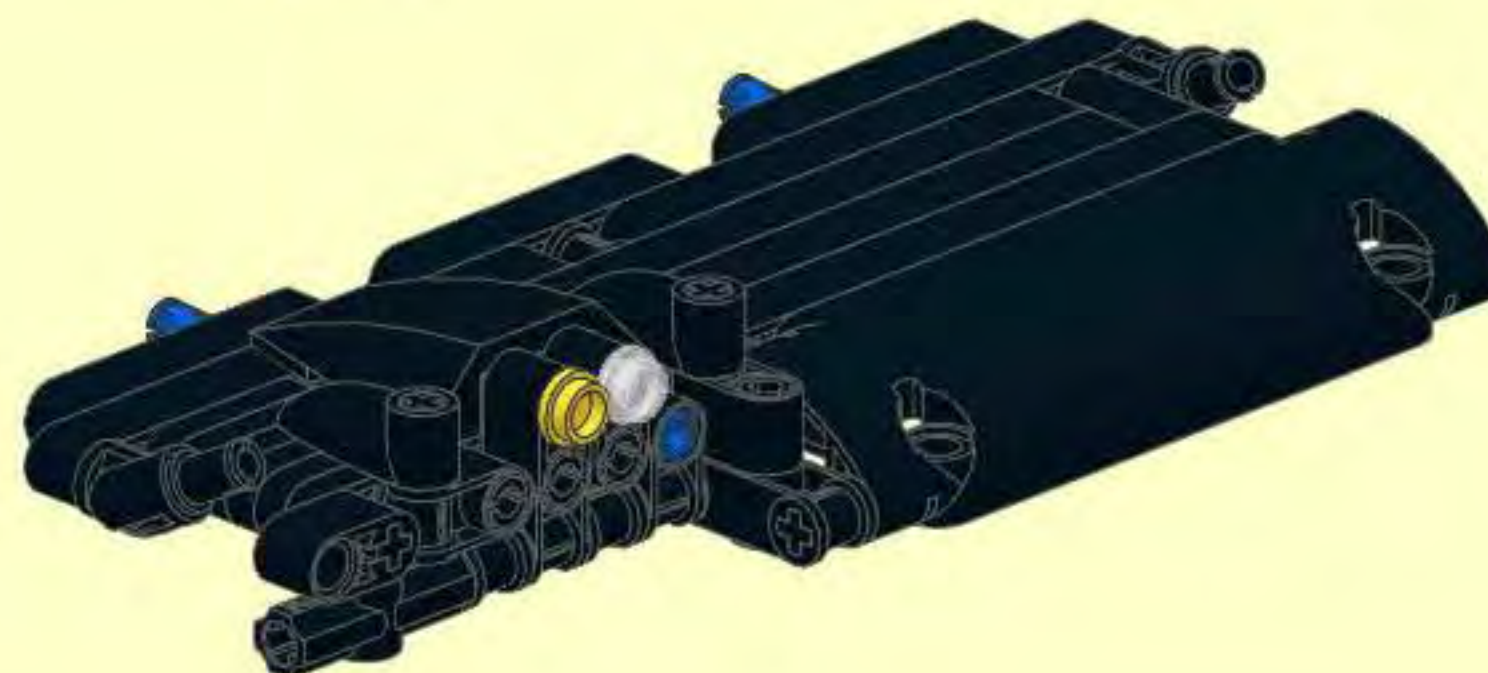
7

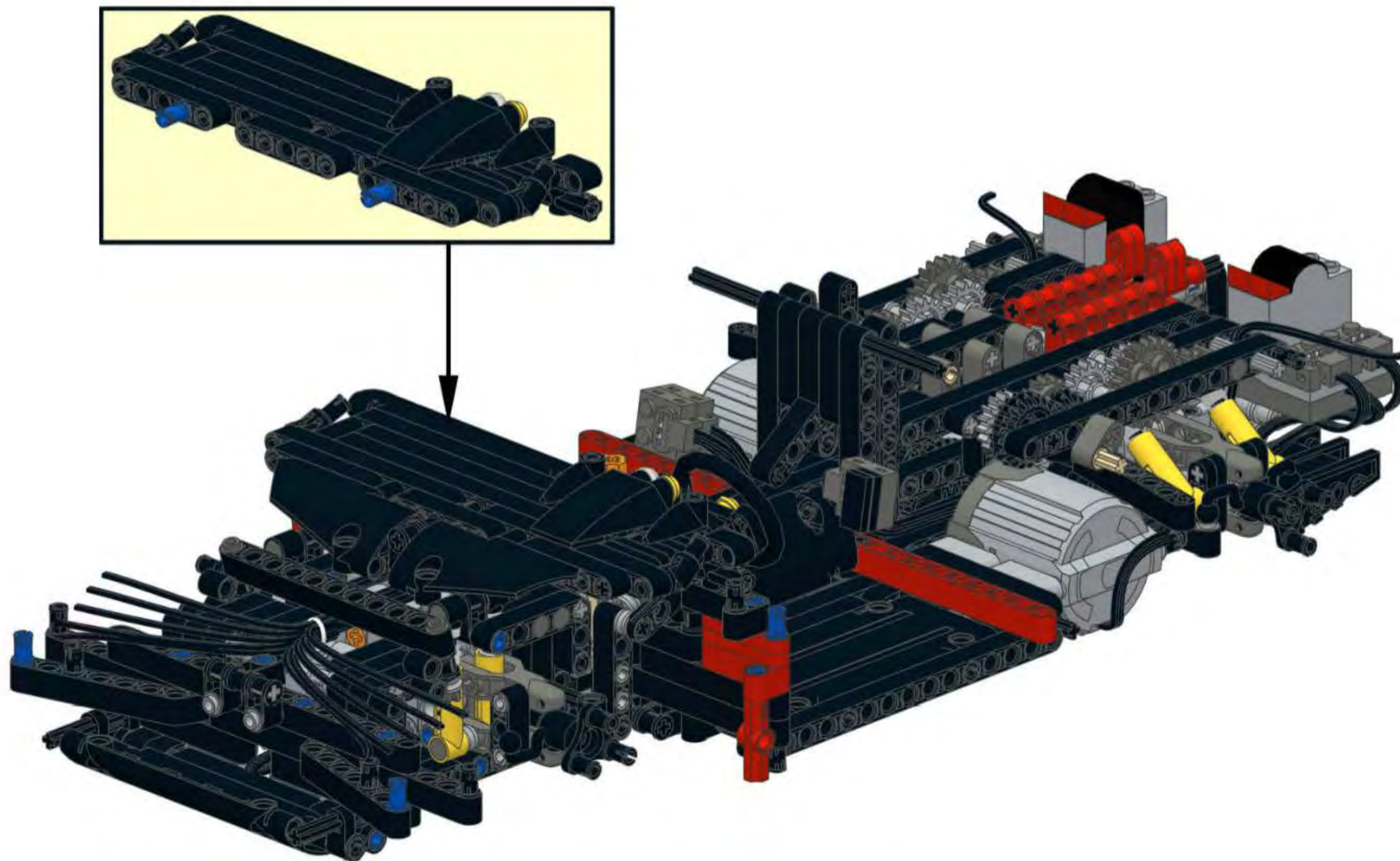


8



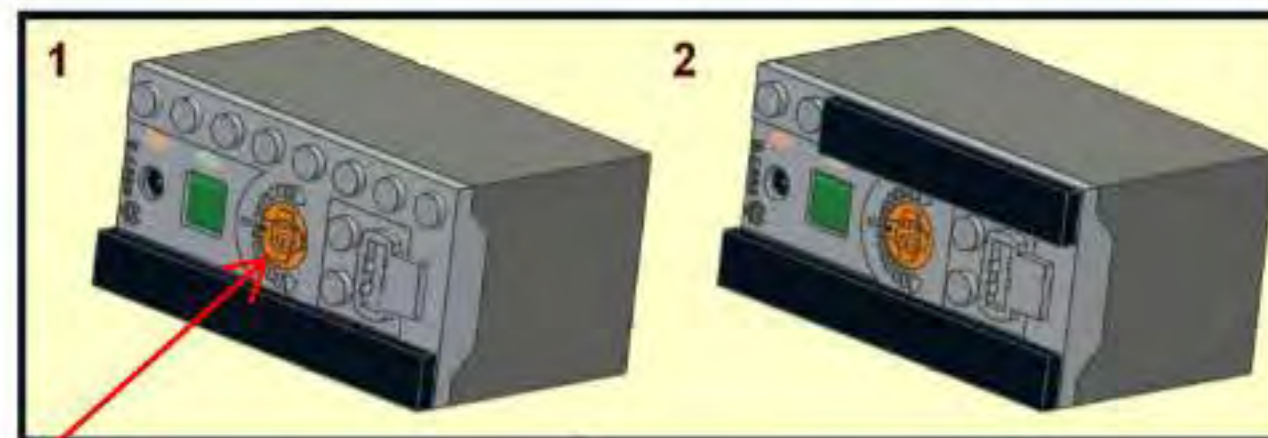
9



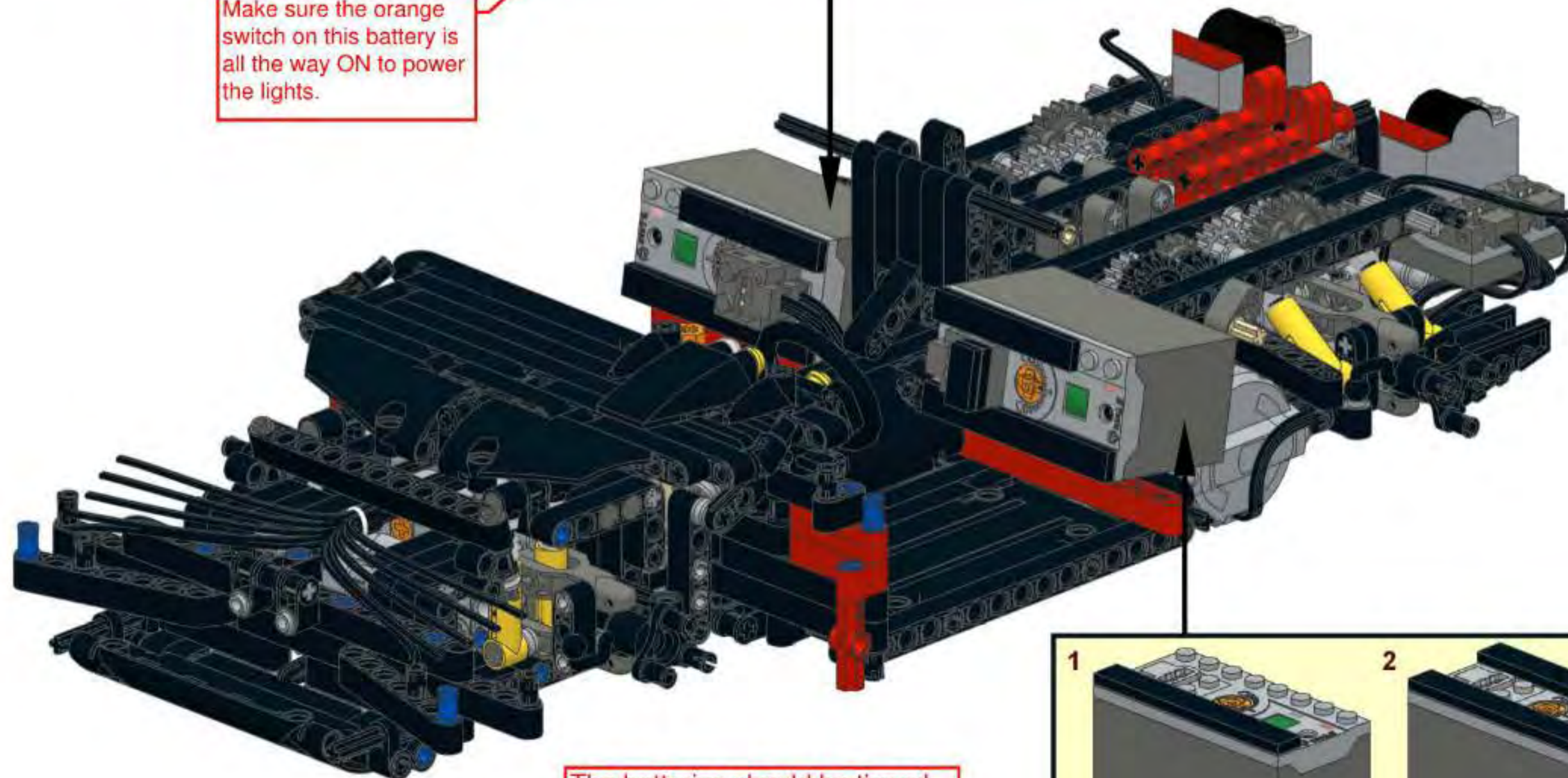


Red Spider

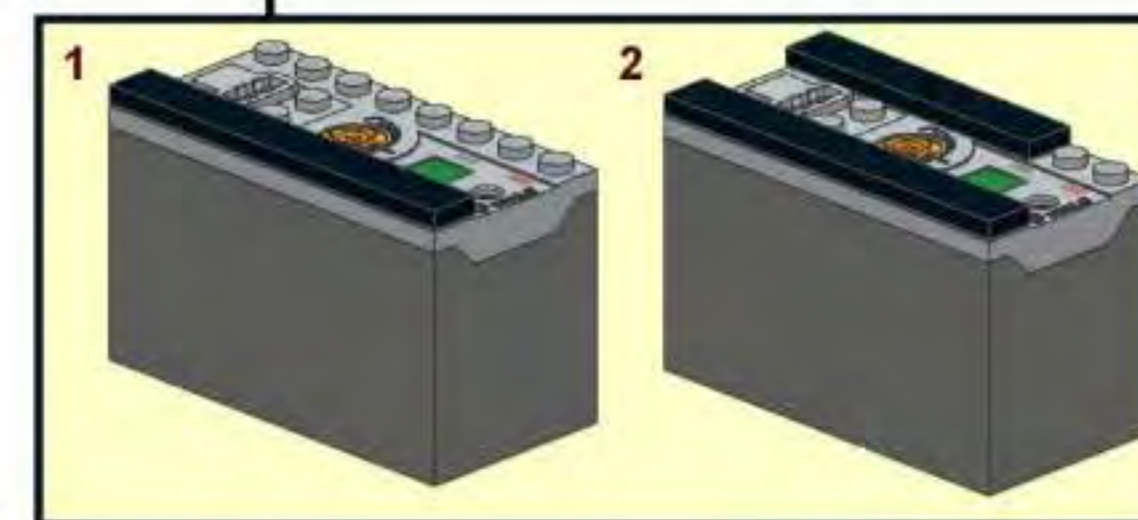
79

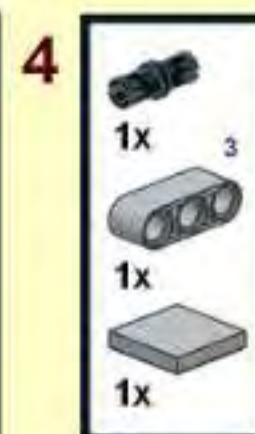
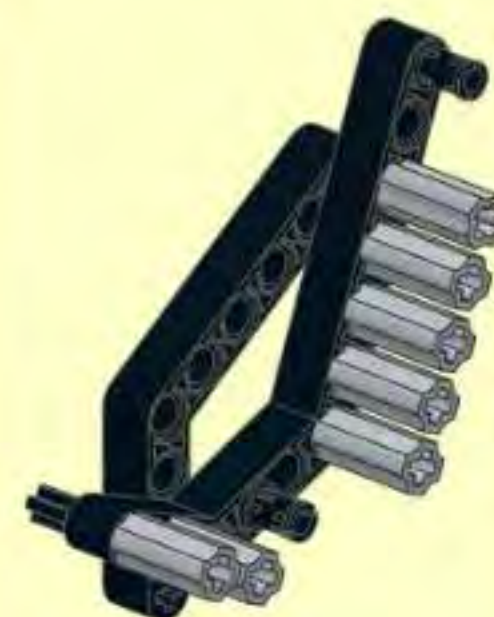


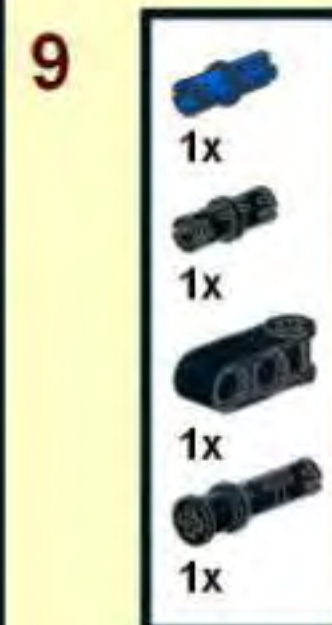
Make sure the orange switch on this battery is all the way ON to power the lights.

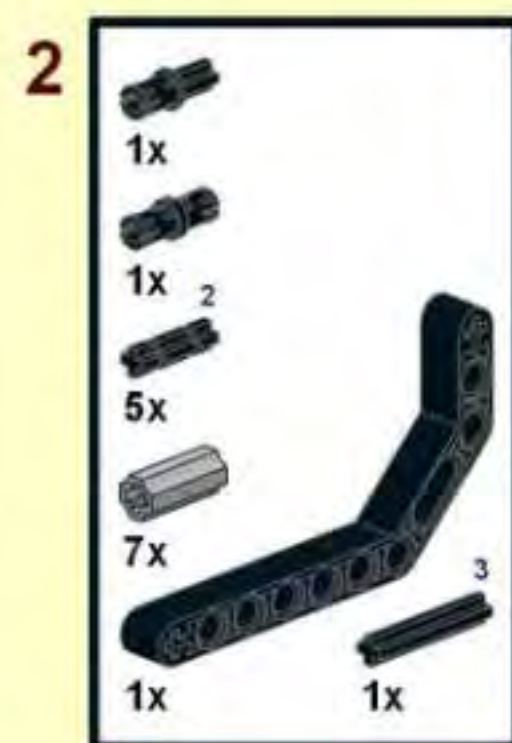


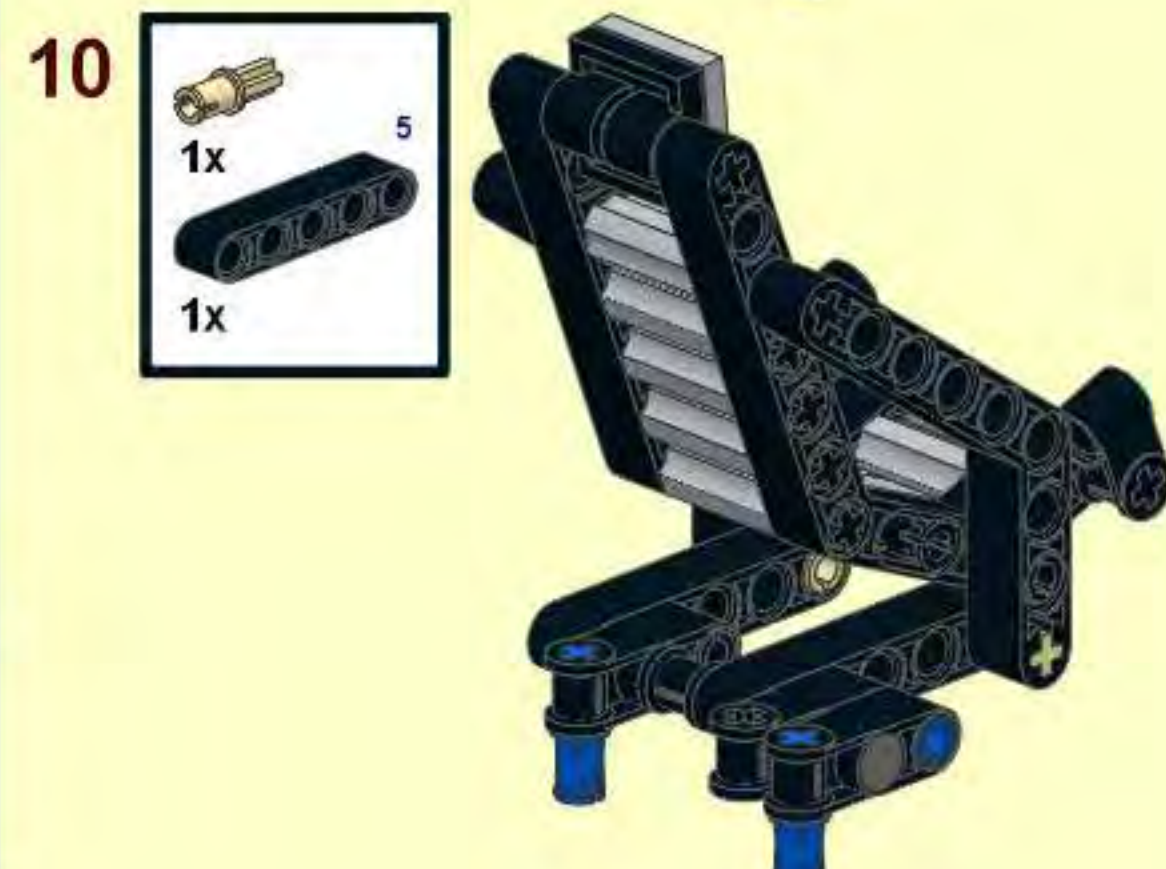
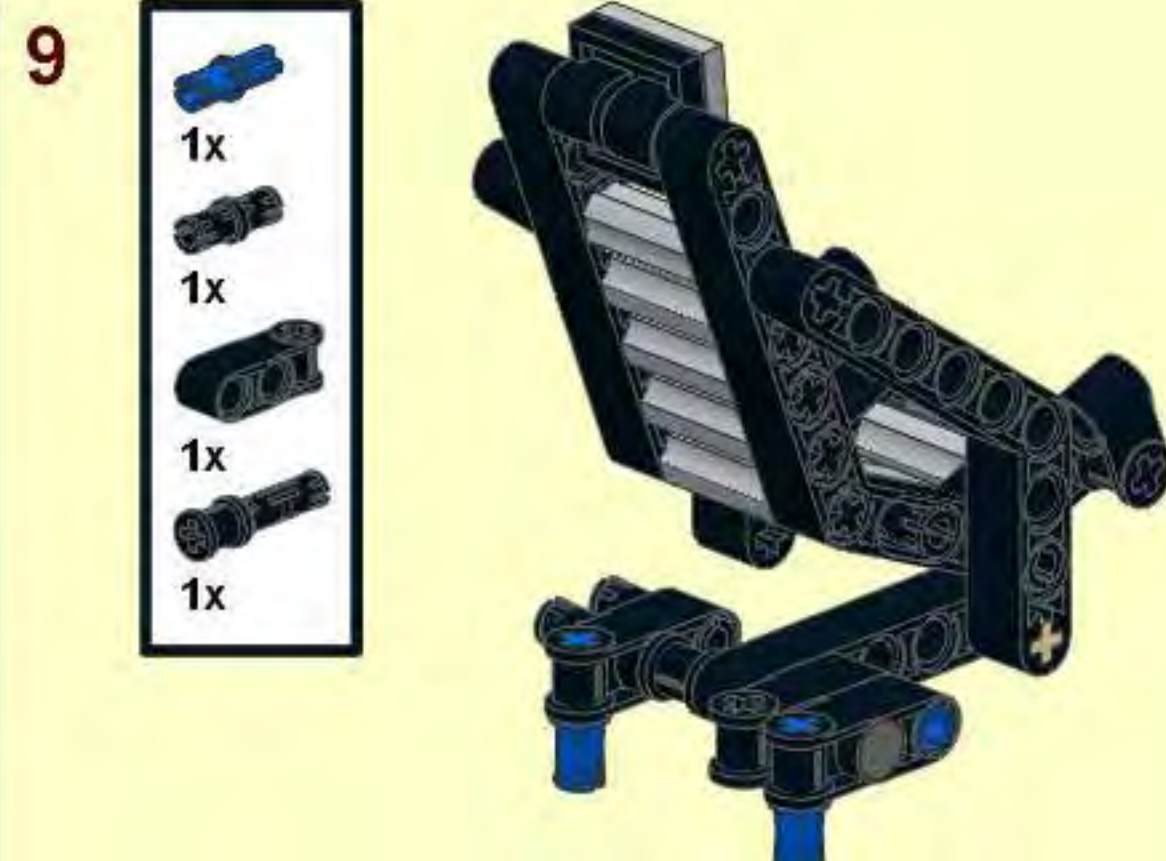
The batteries should be tipped back slightly to allow the seats to recline and to lock into notches in the doors.

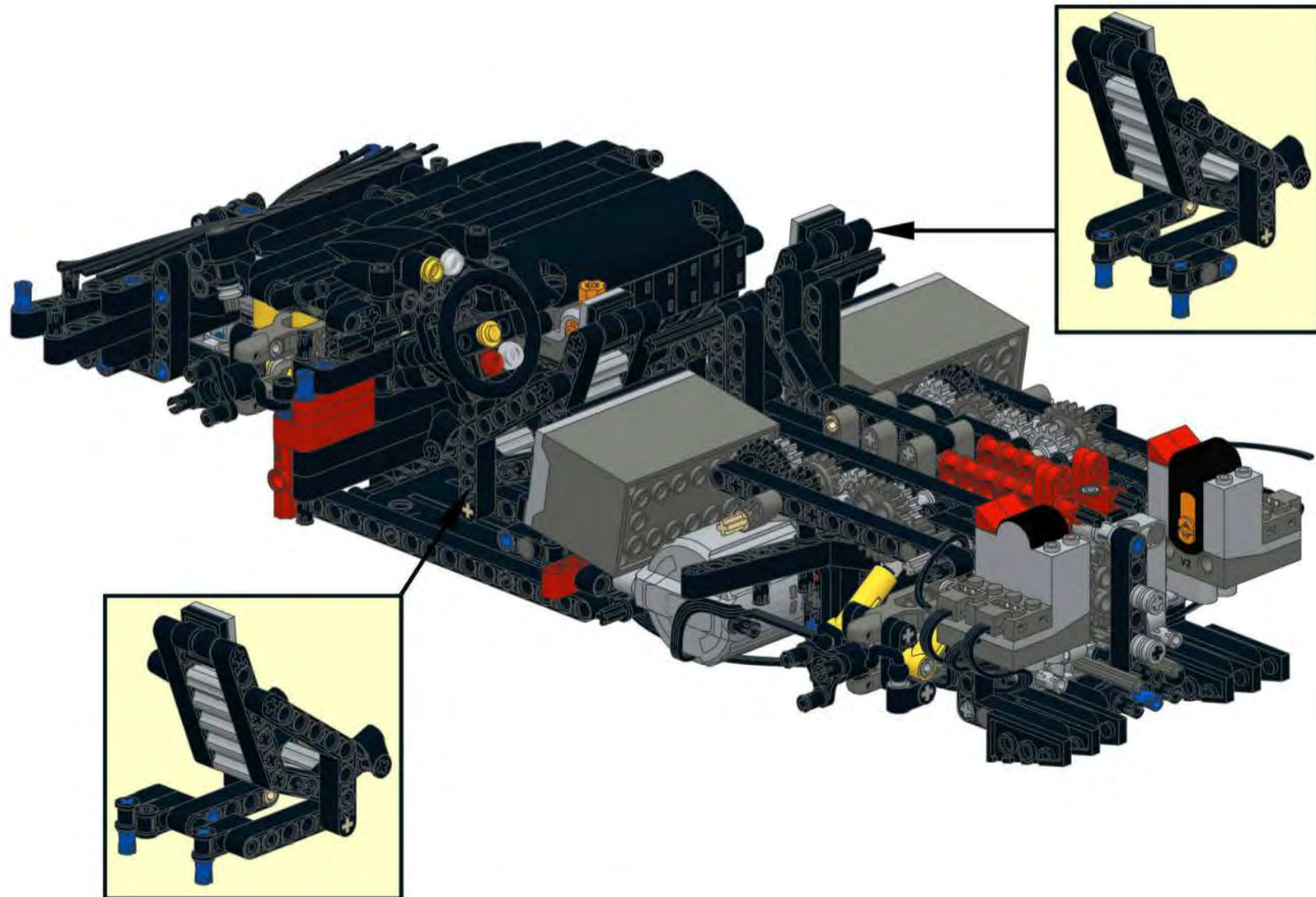






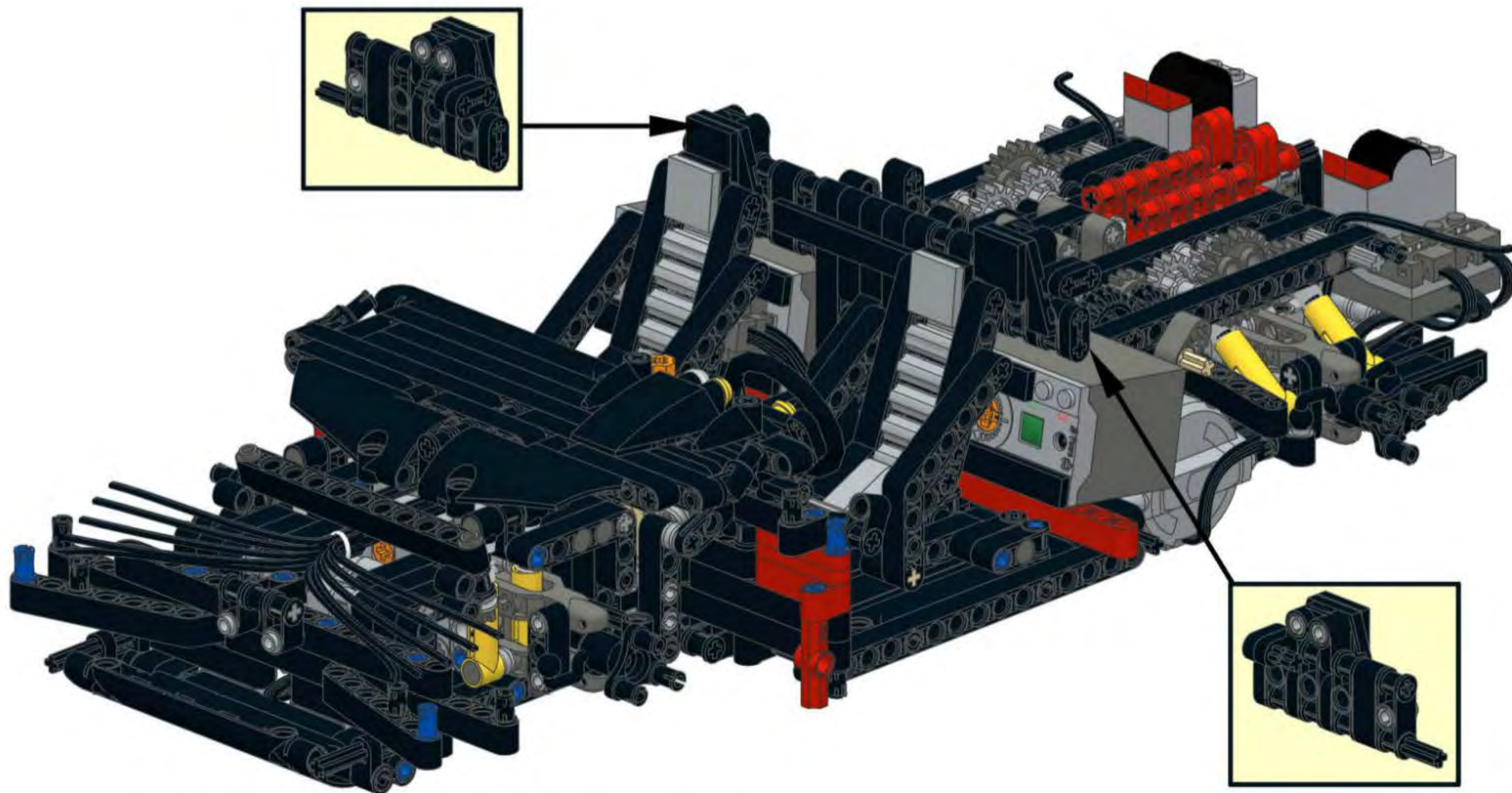


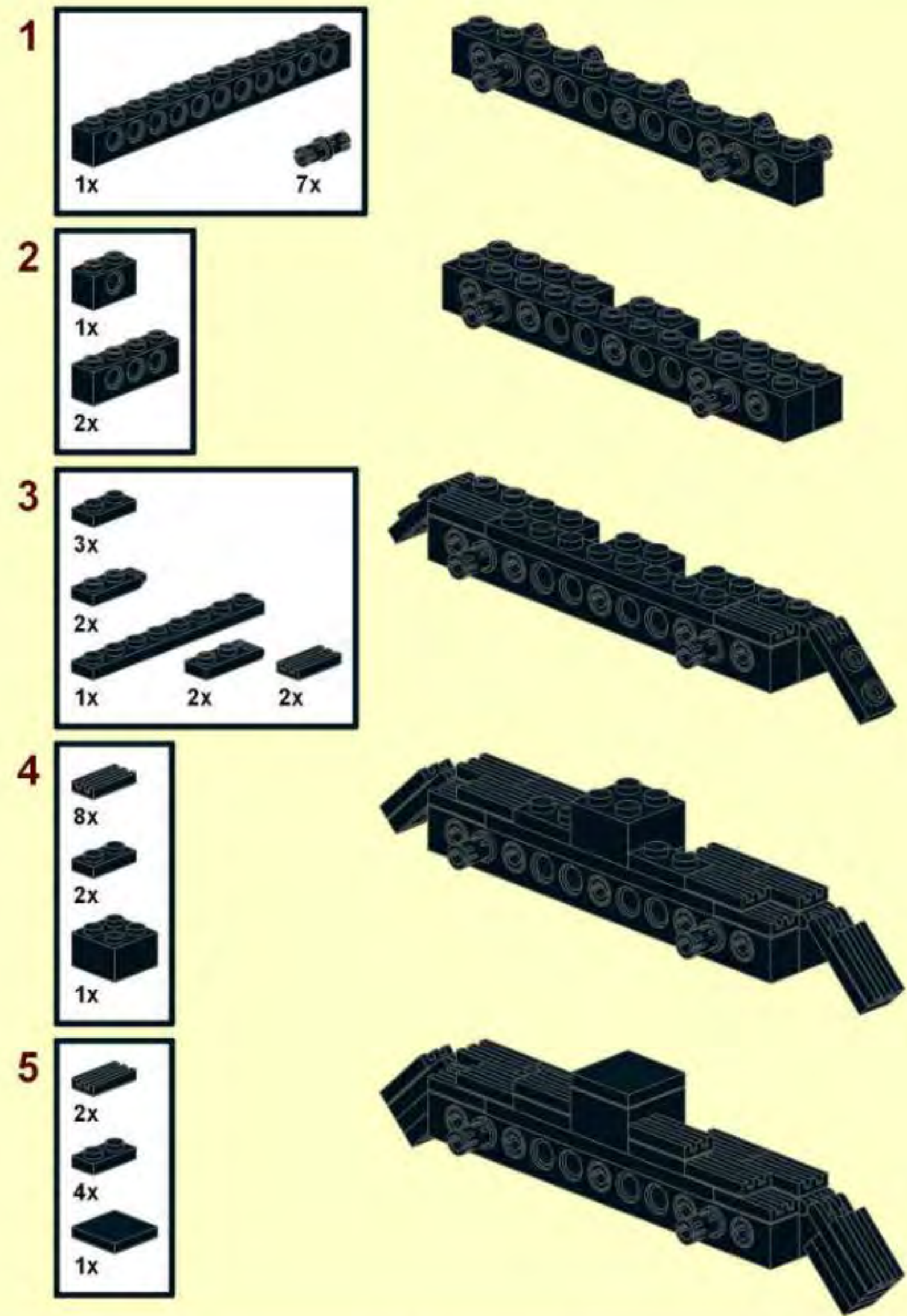


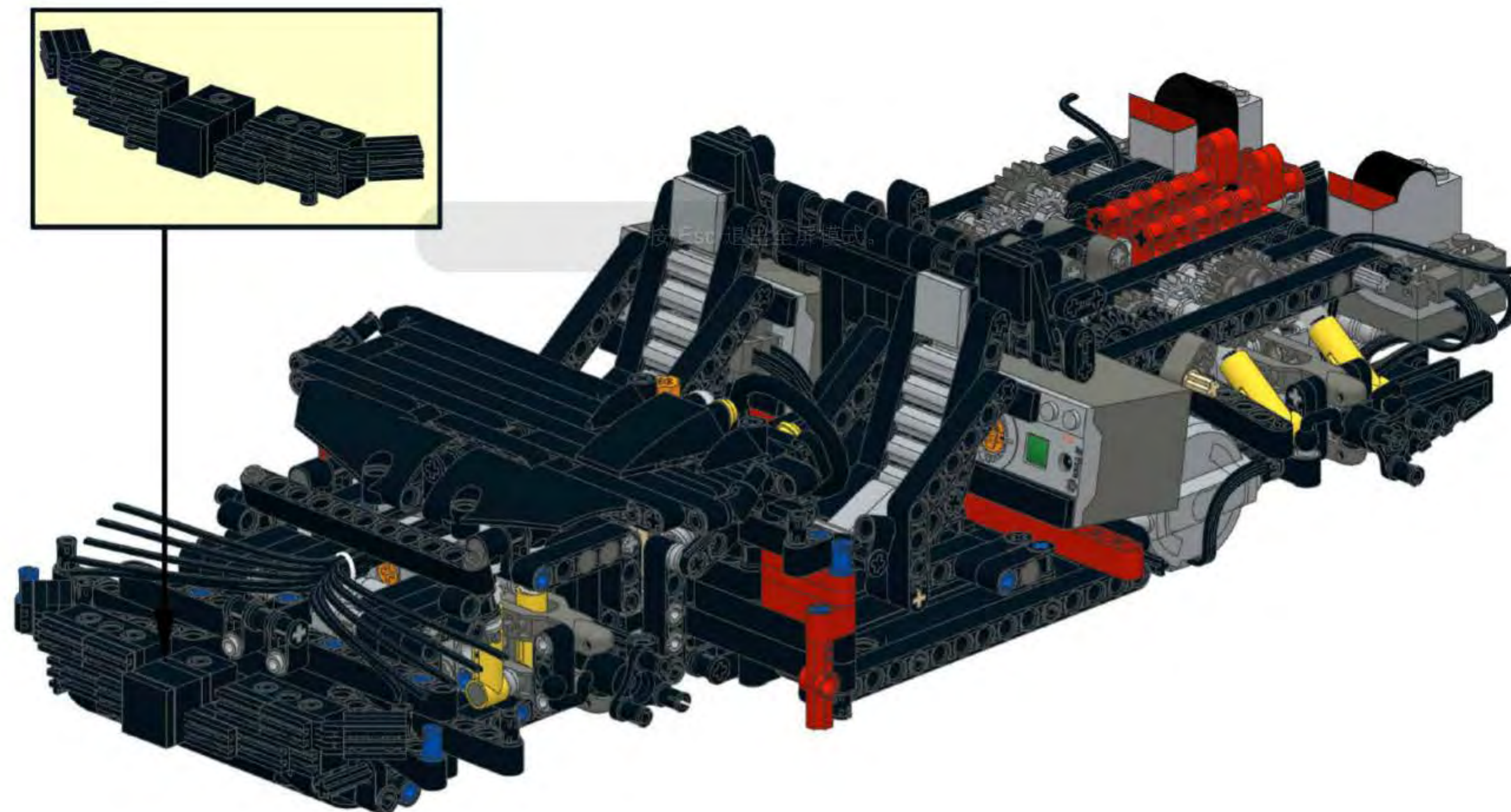






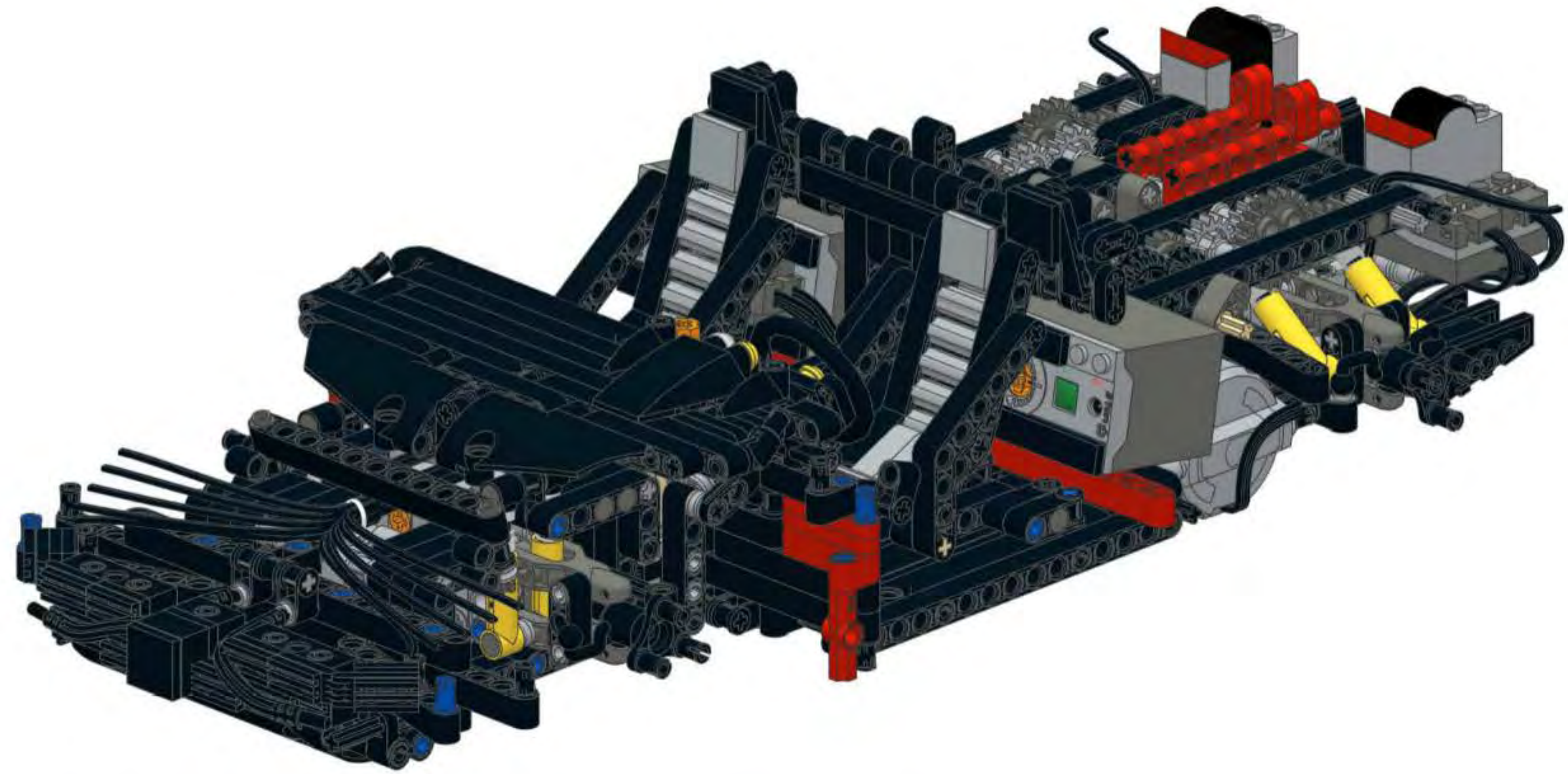


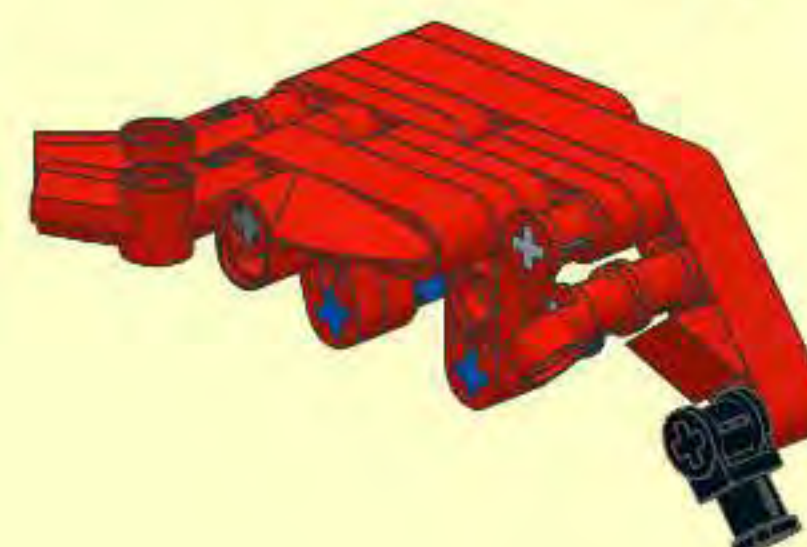
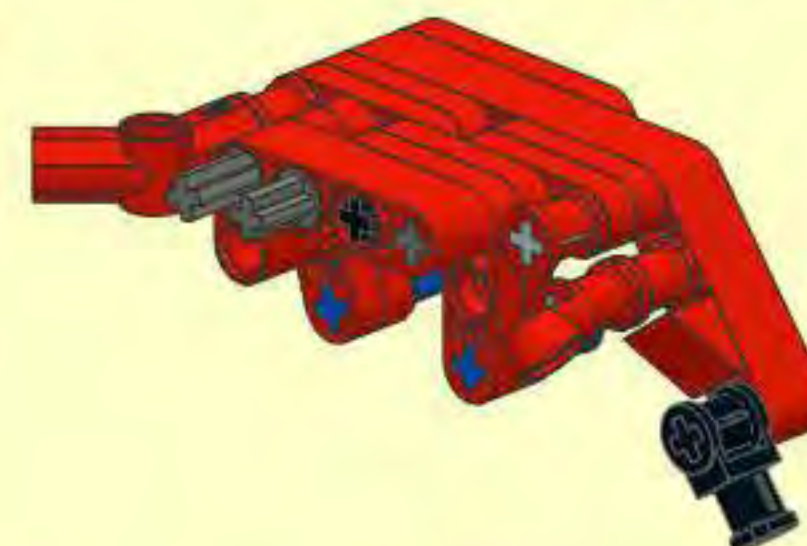
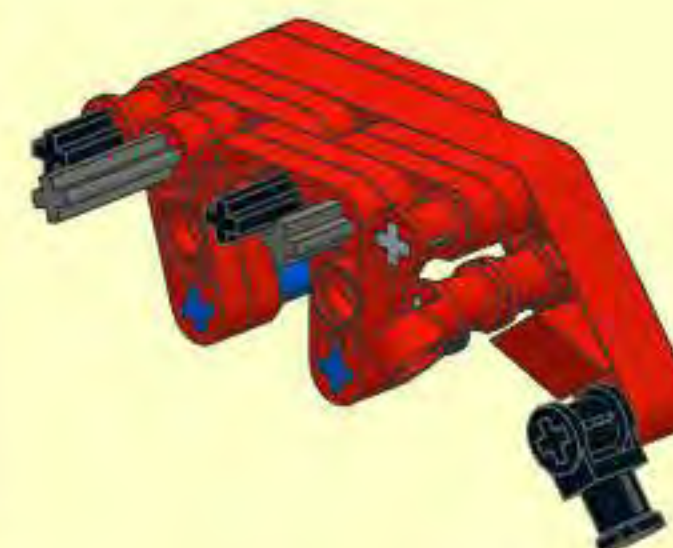
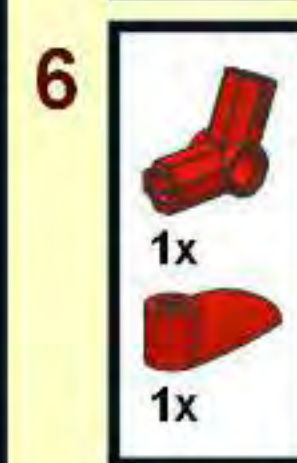
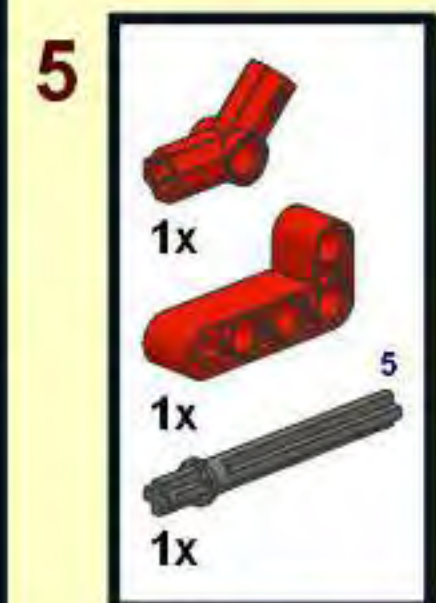
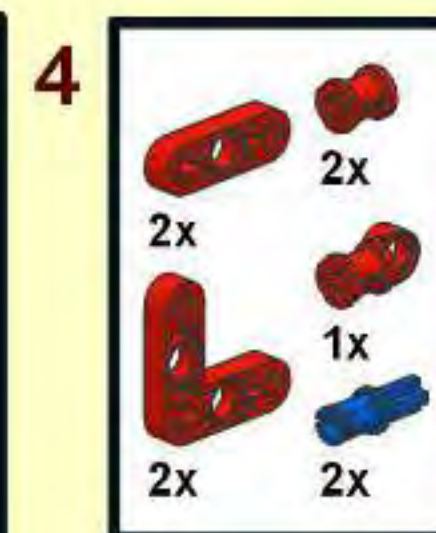
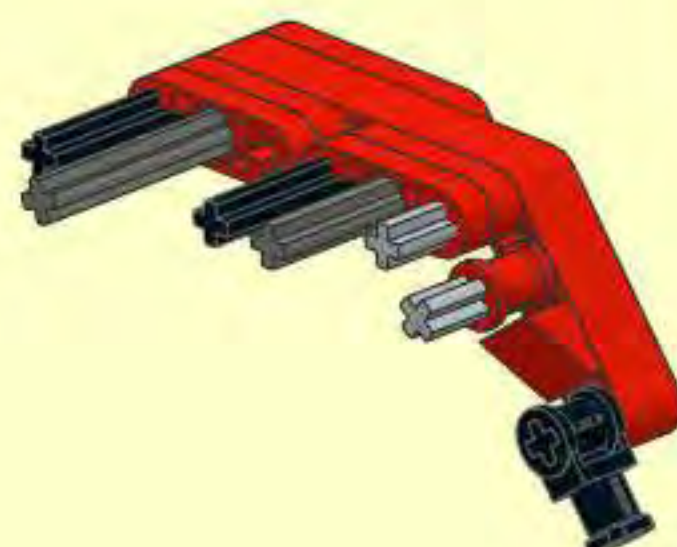
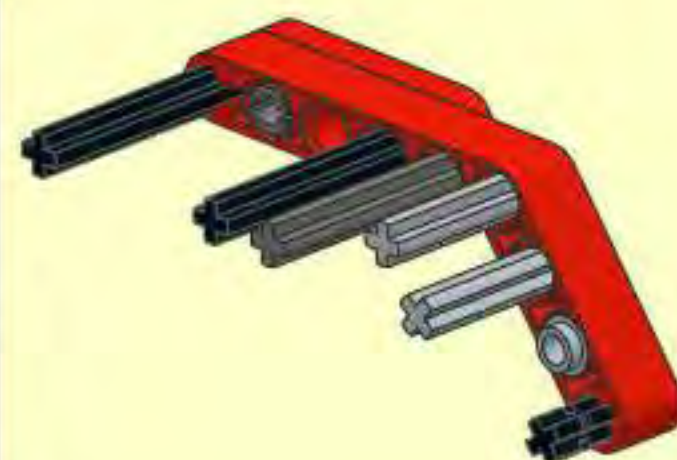
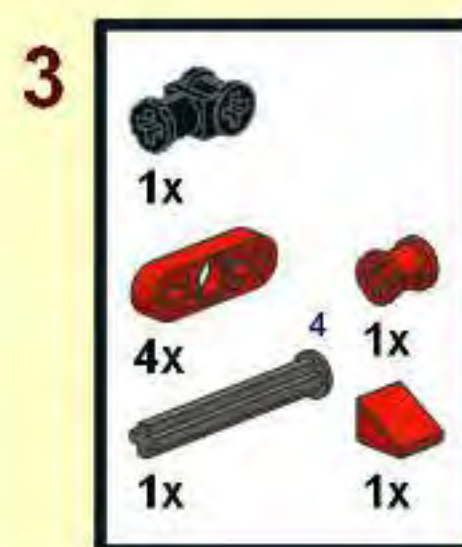


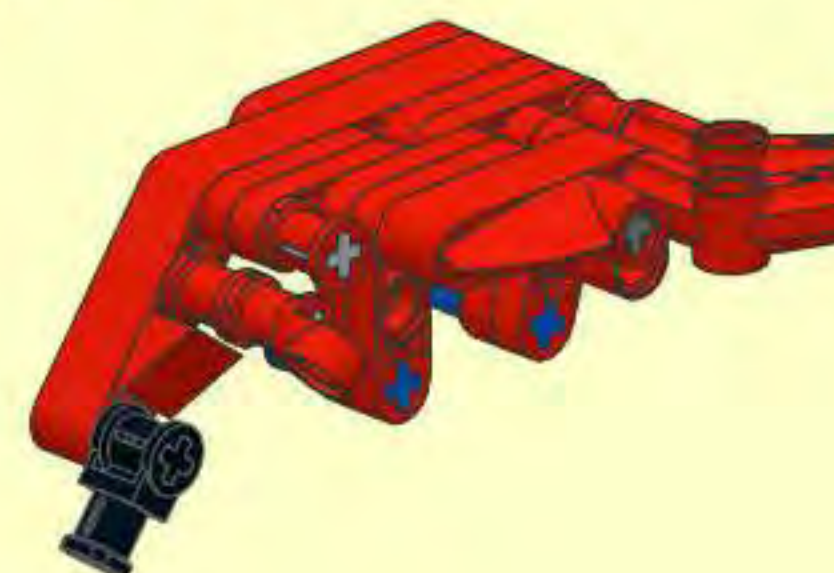
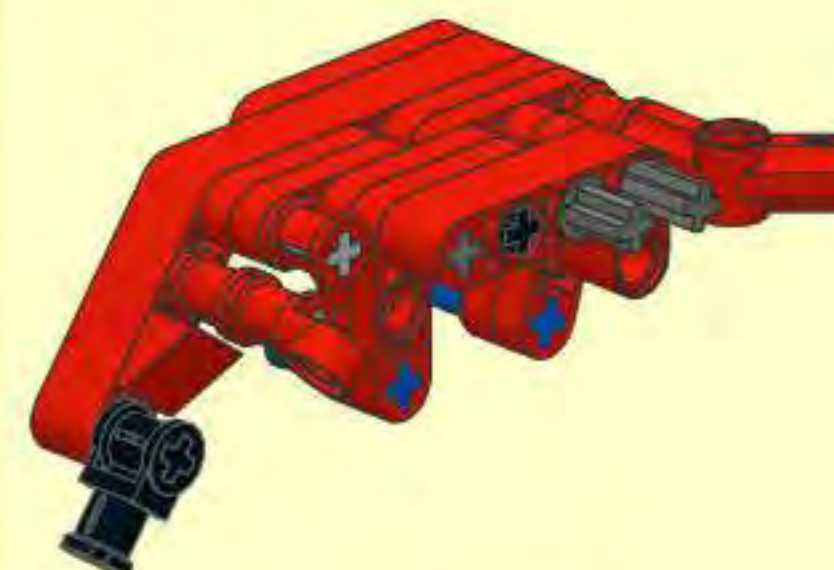
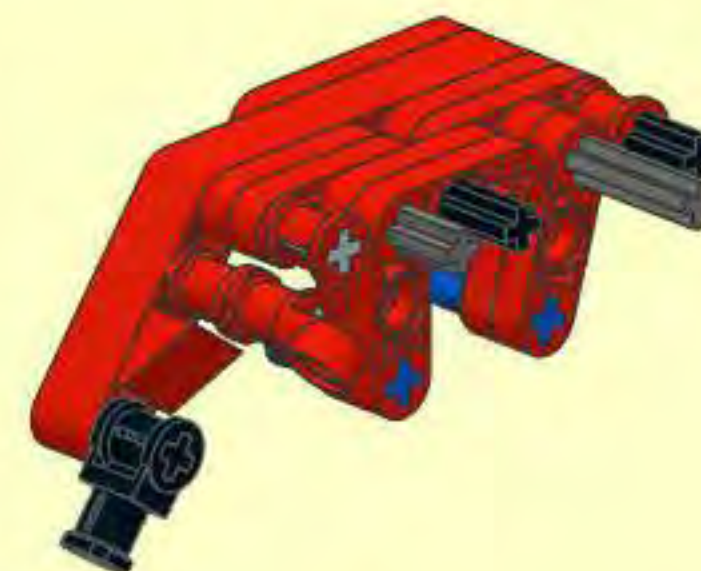
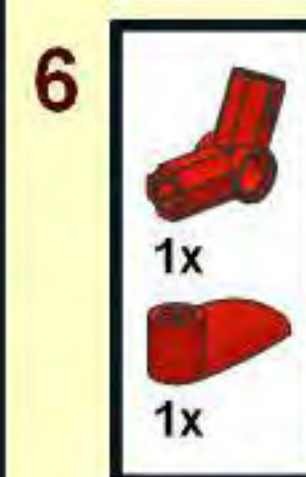
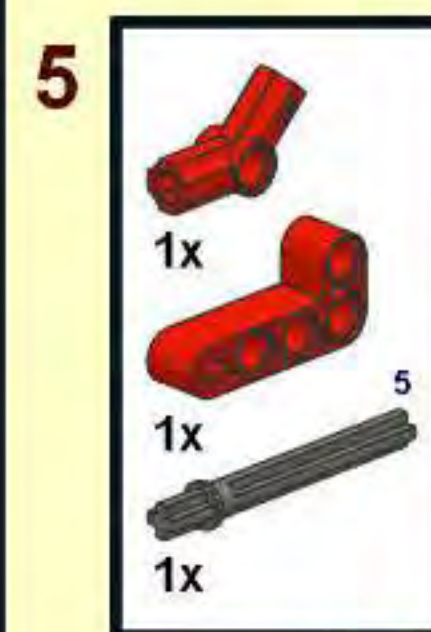
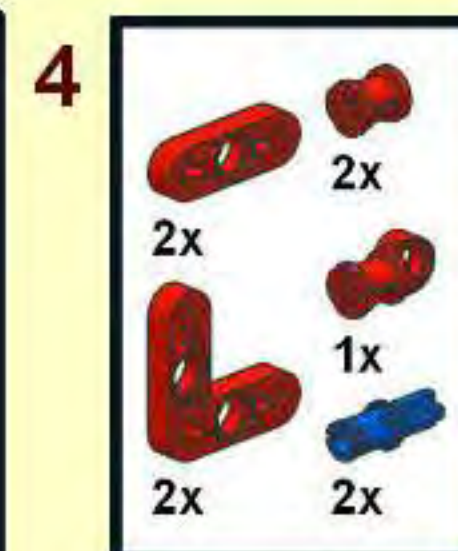
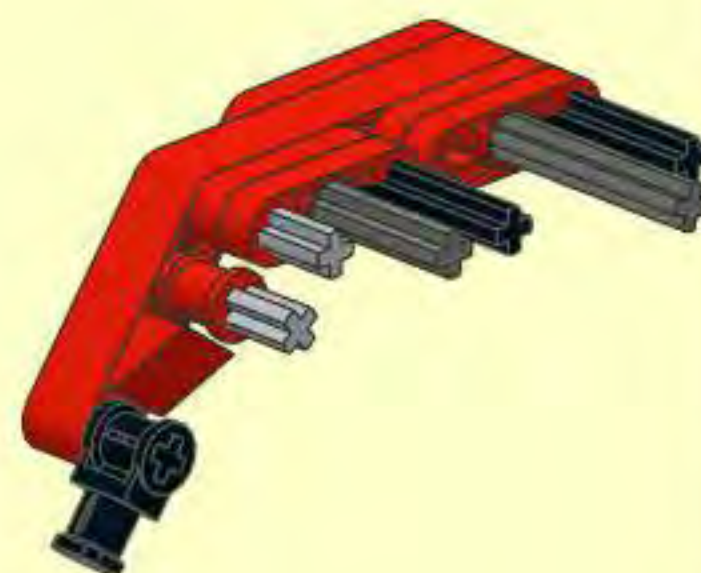
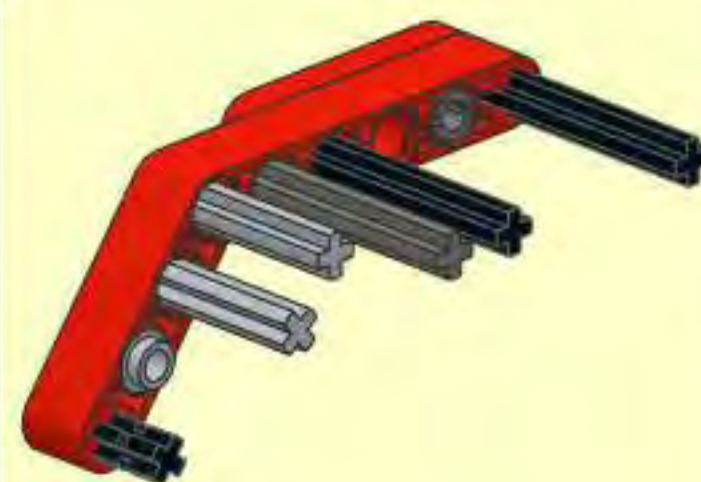
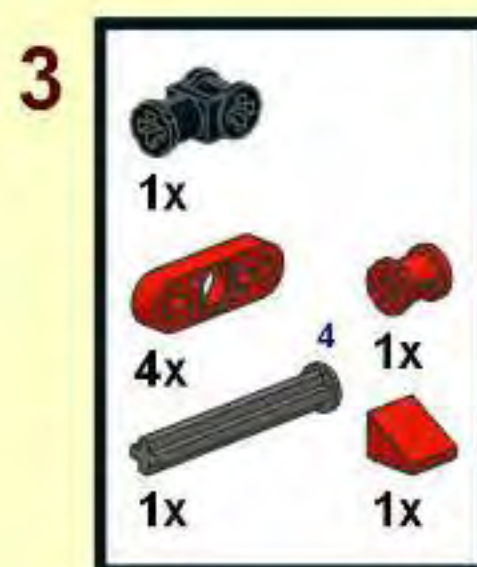


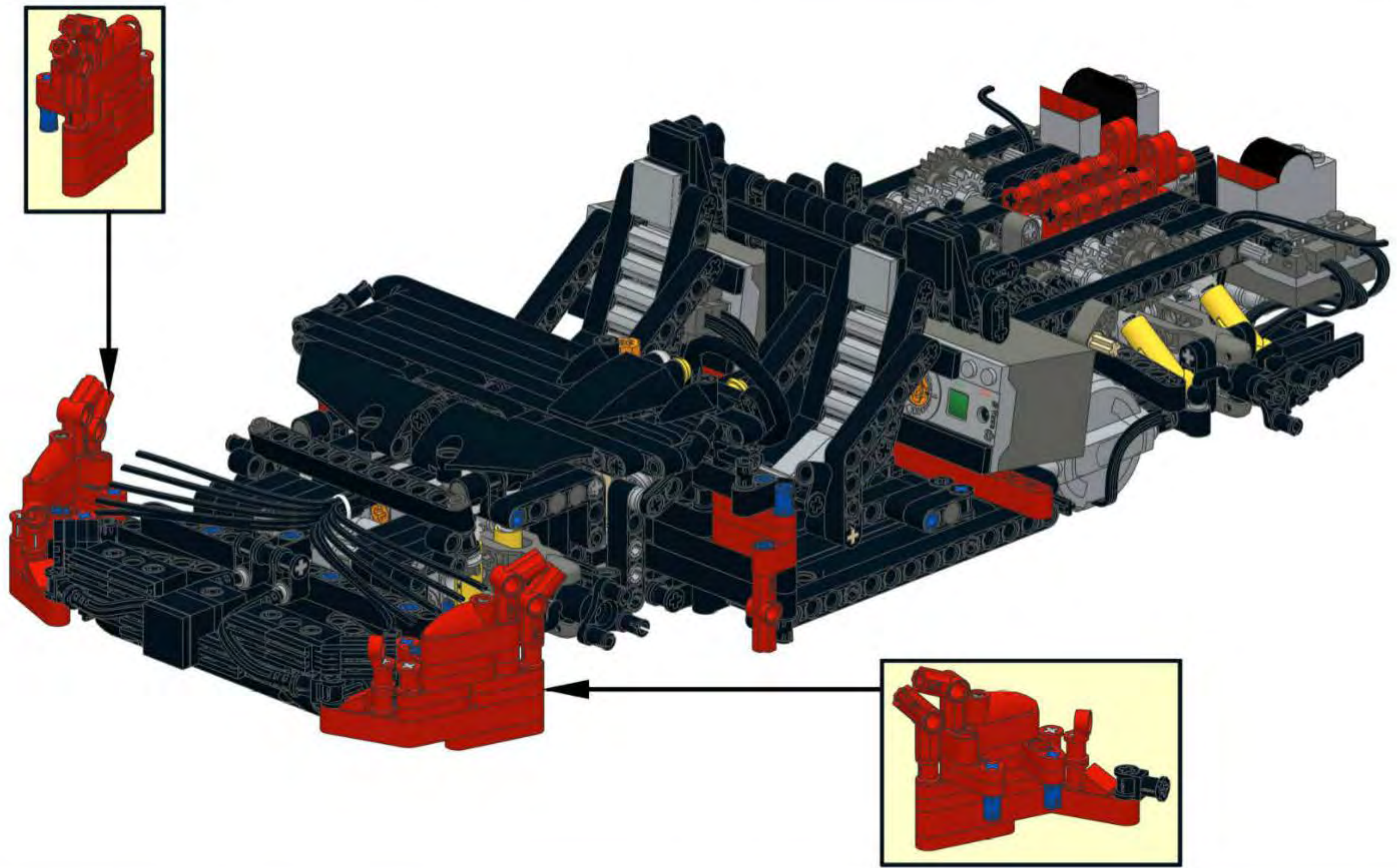
Red Spider

83



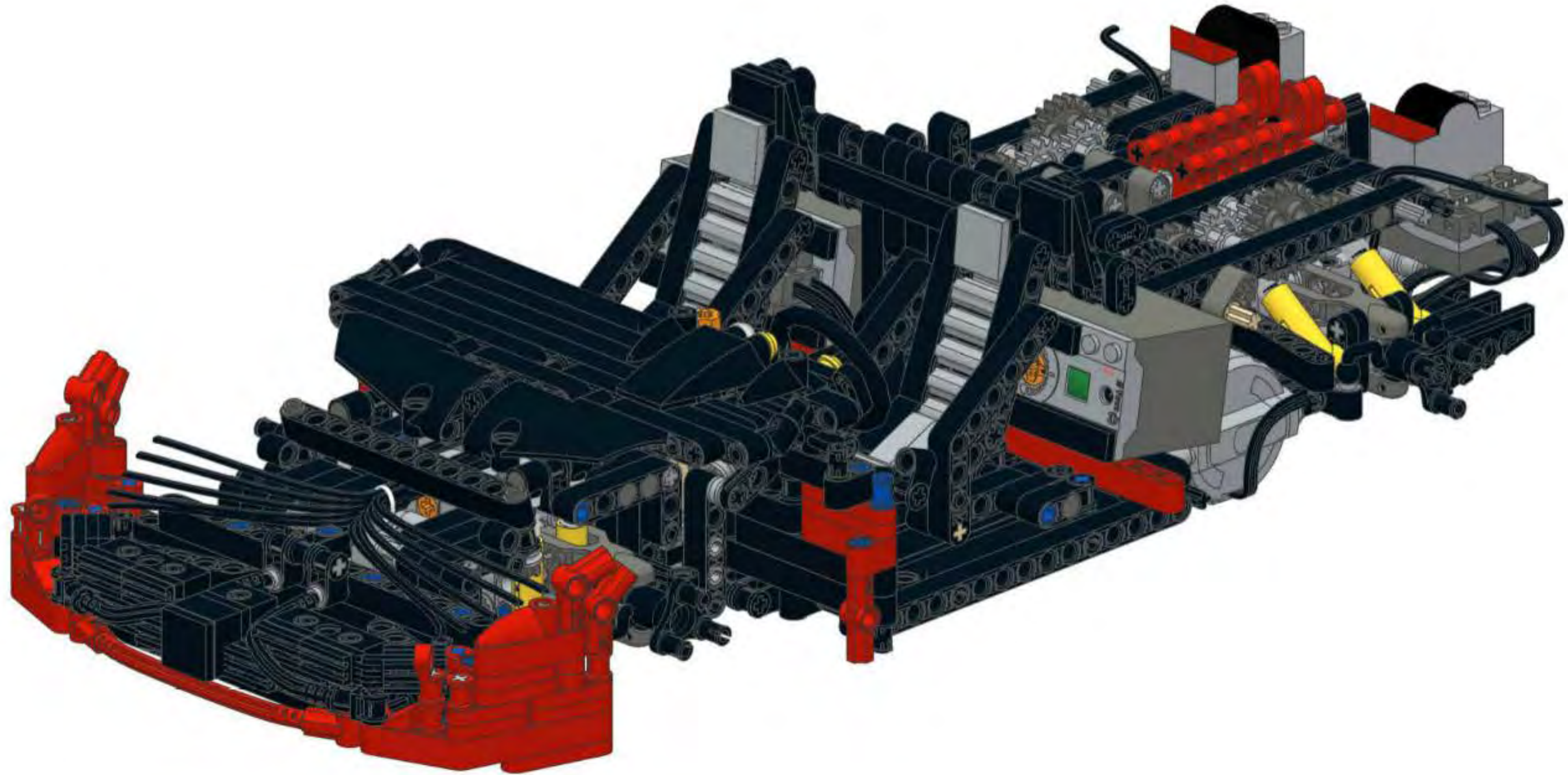
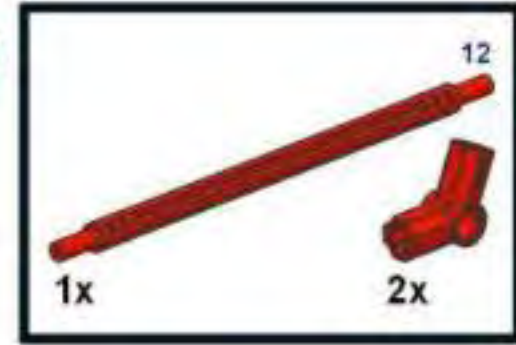


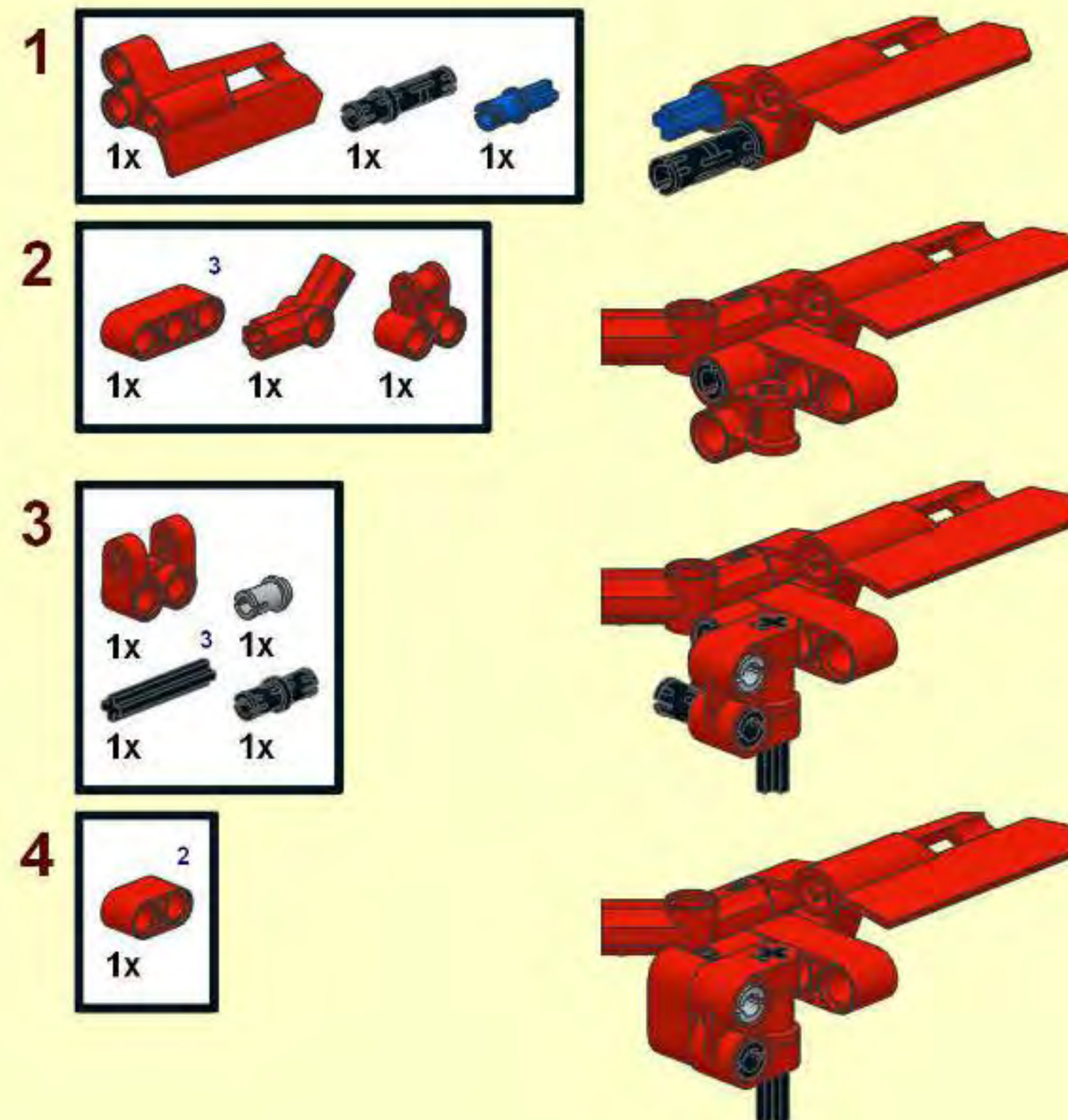


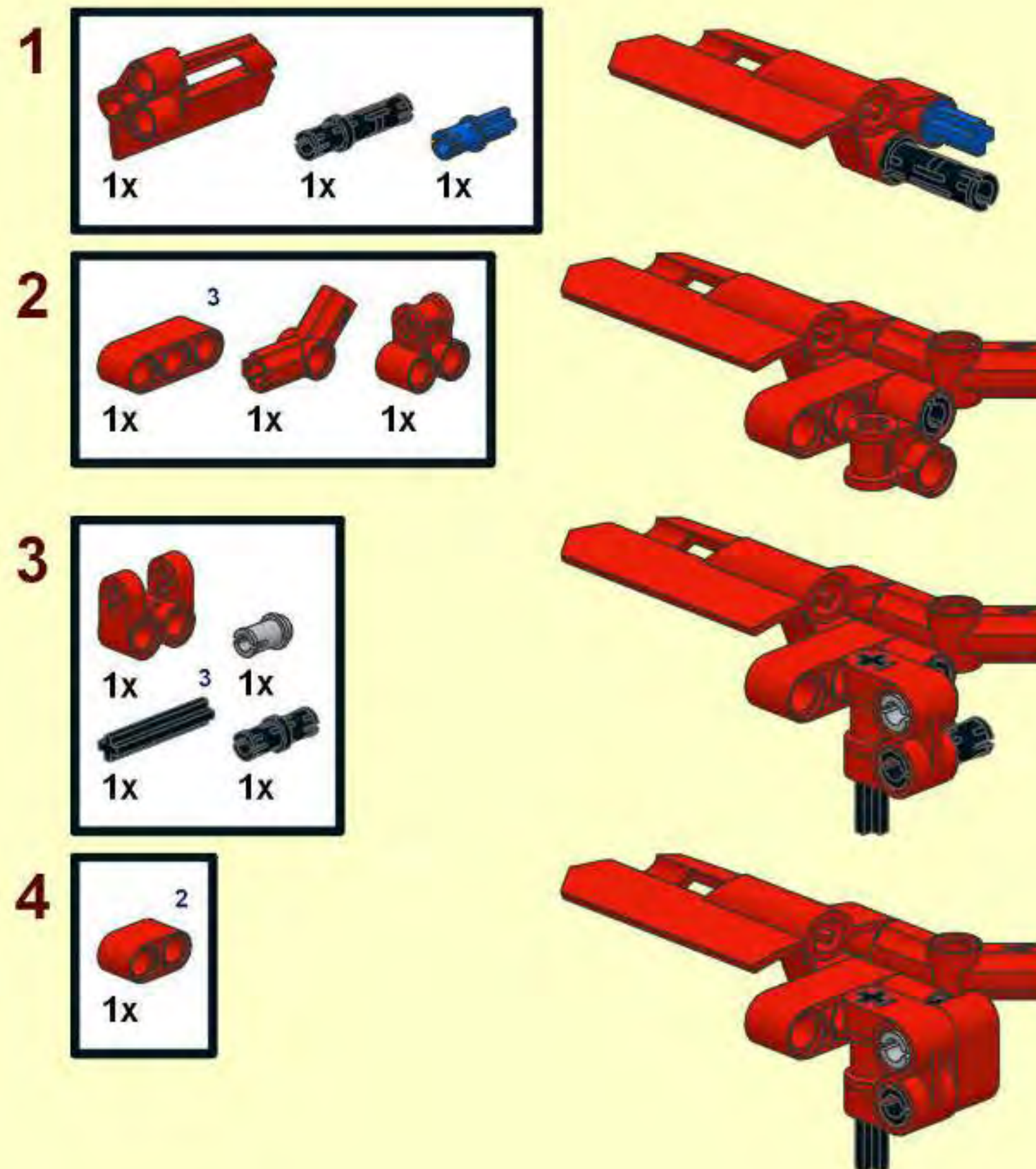


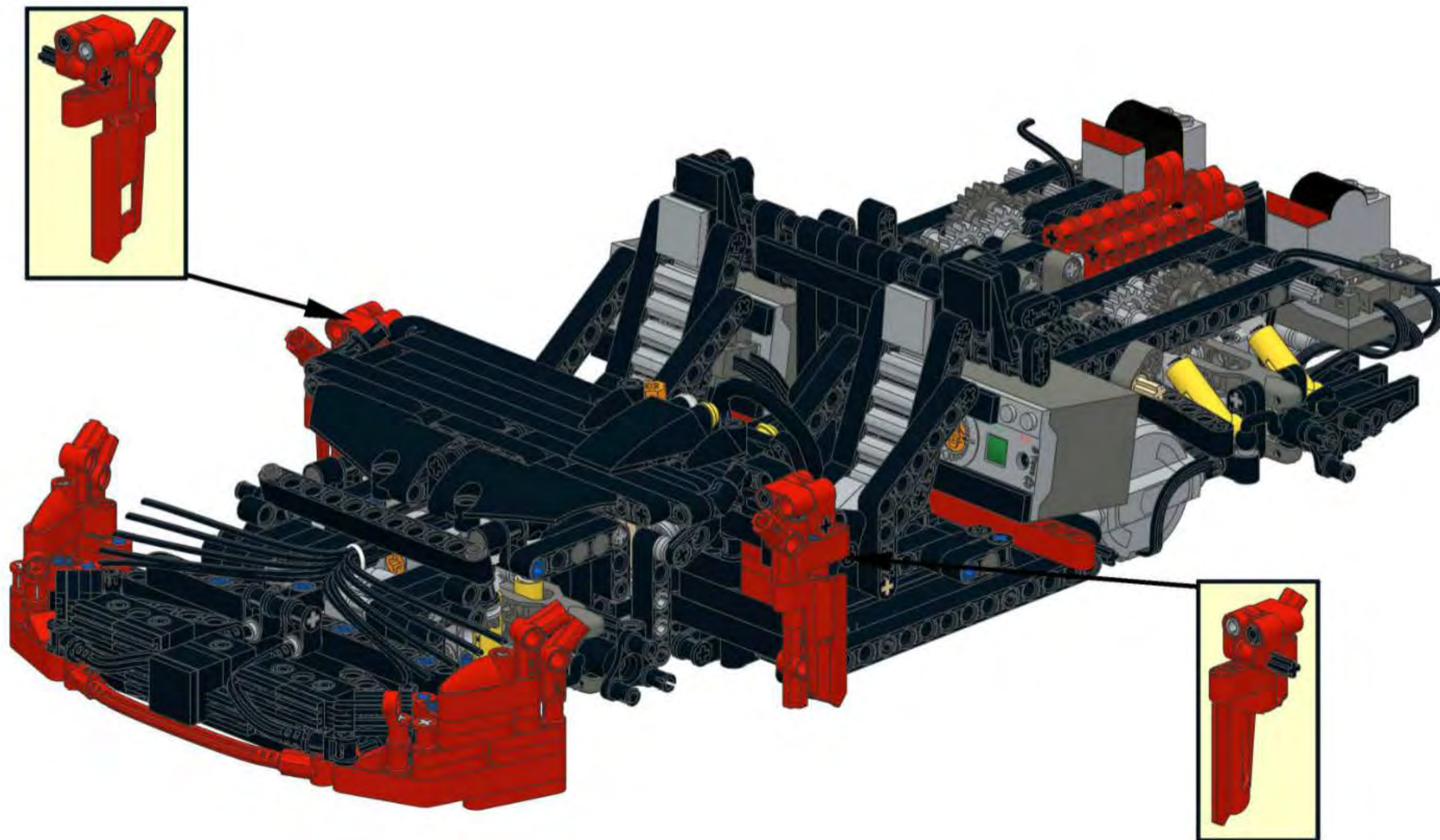
Red Spider

85



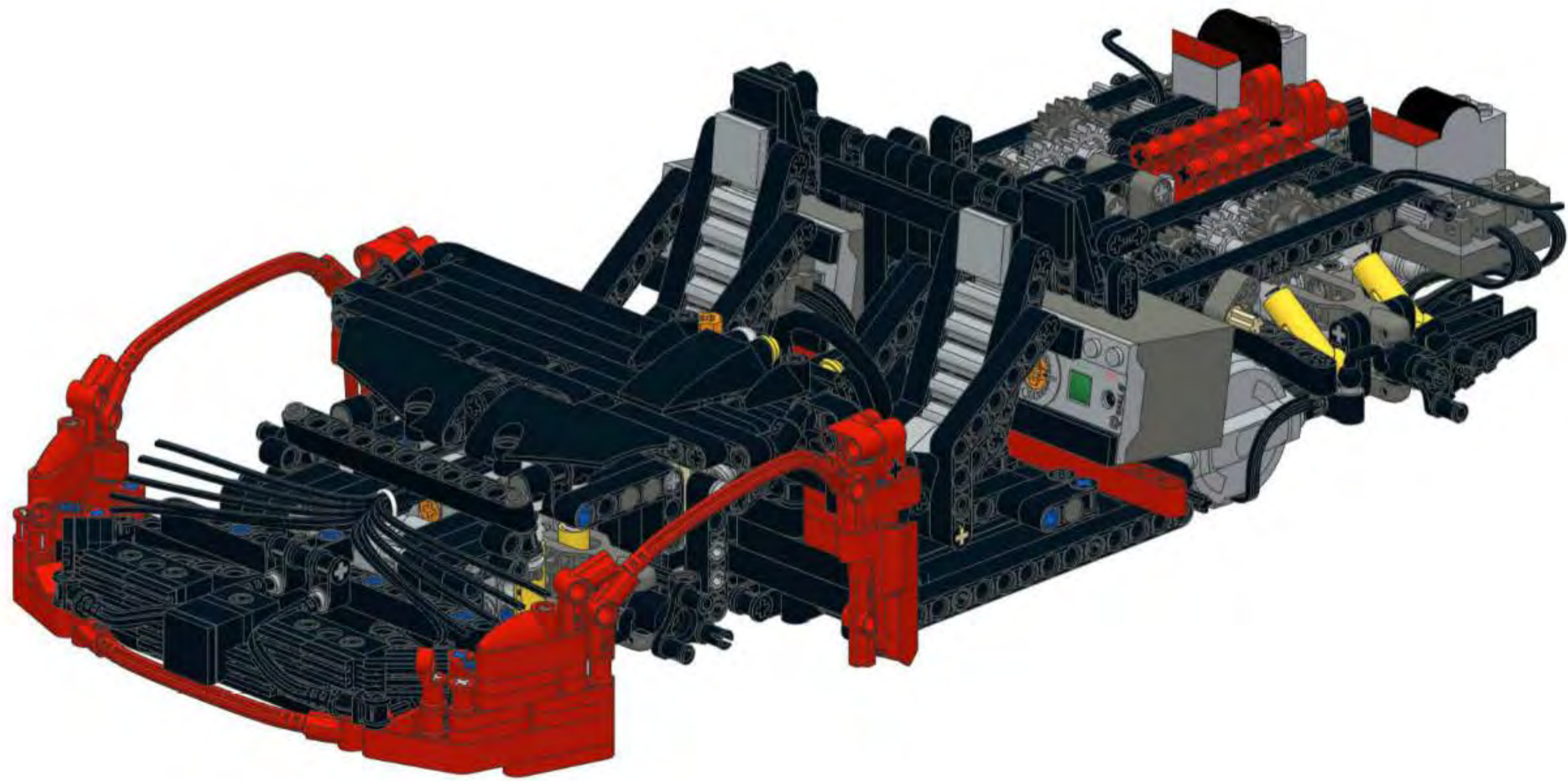




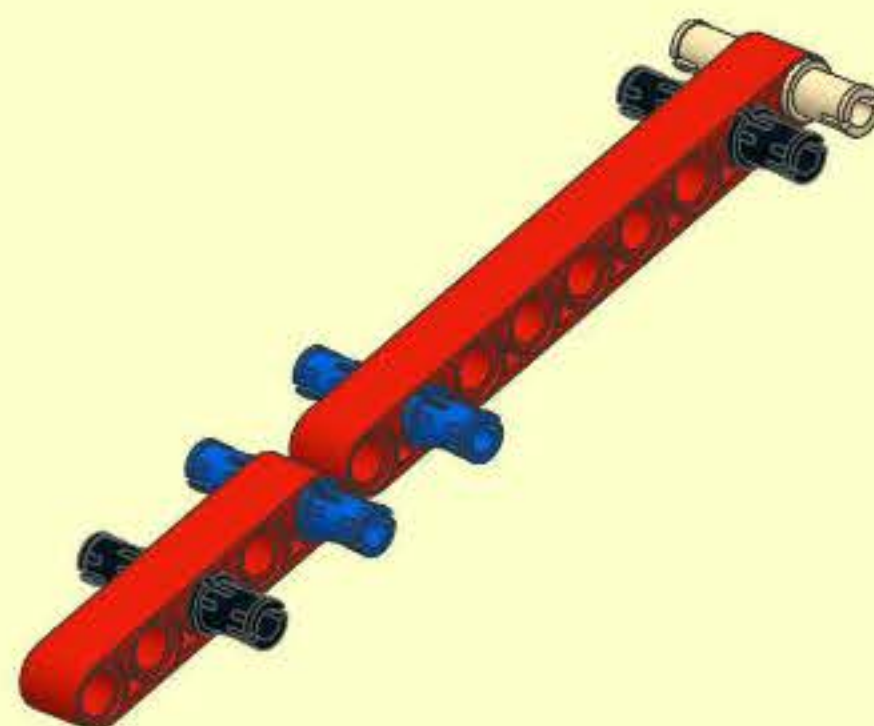
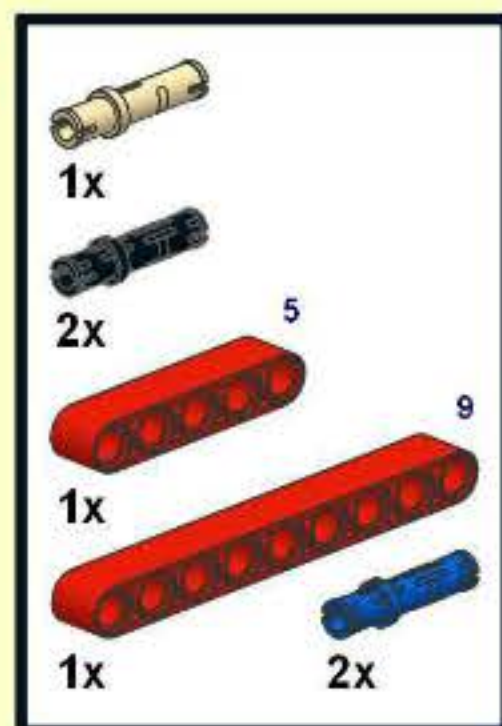


Red Spider

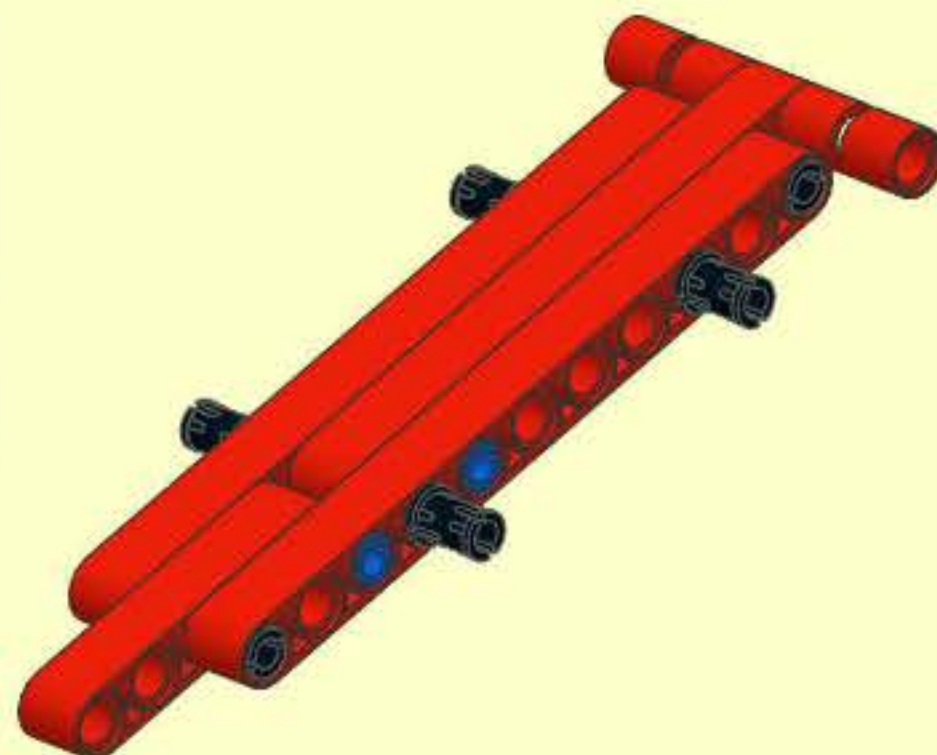
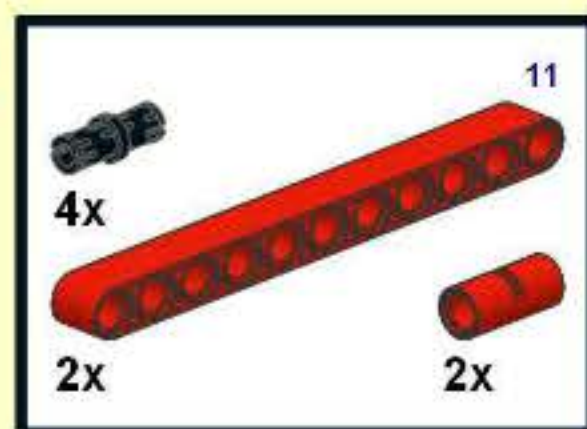
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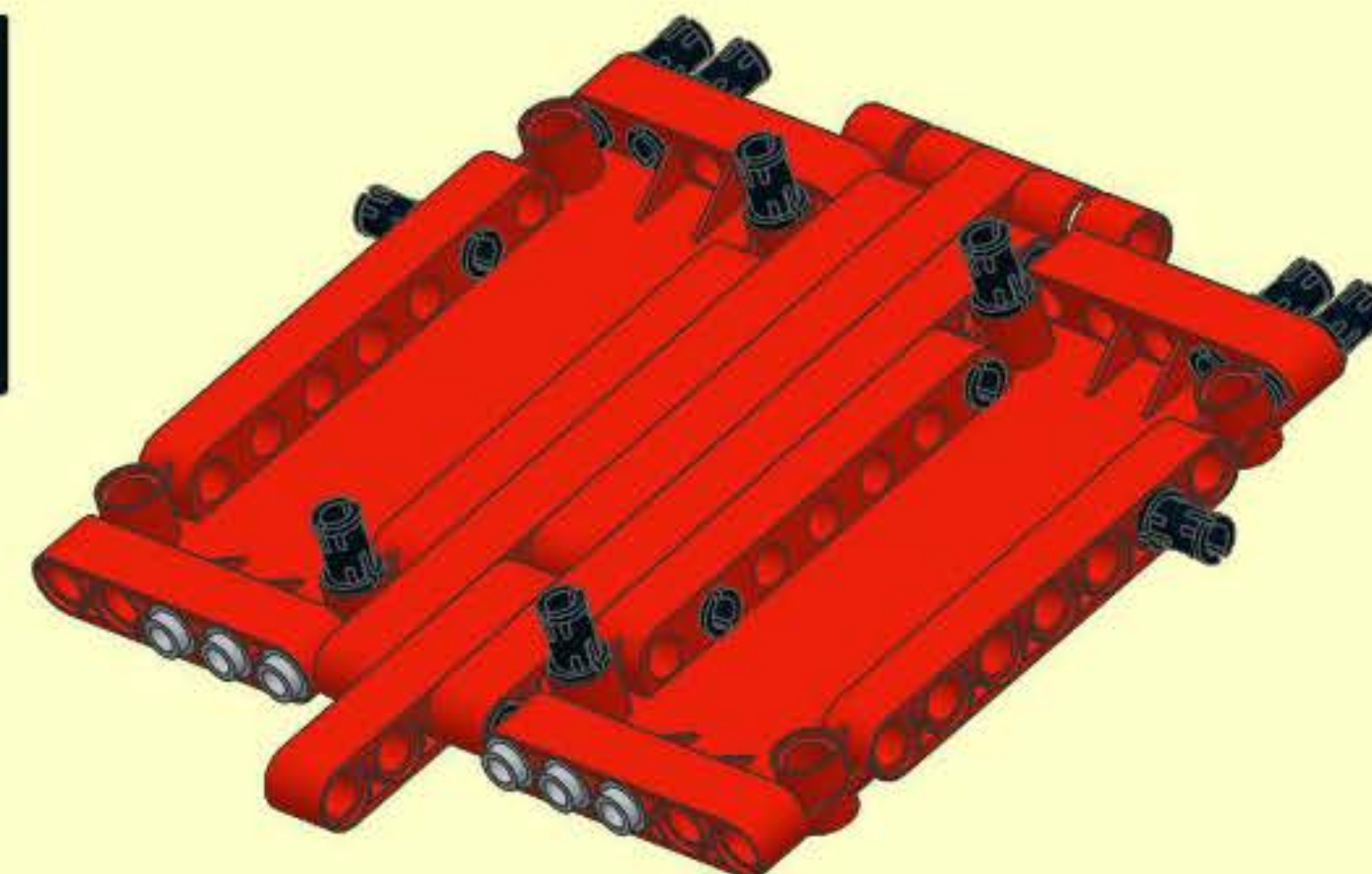
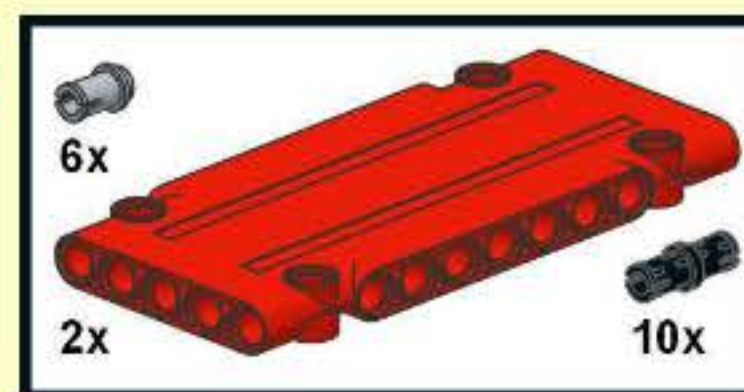
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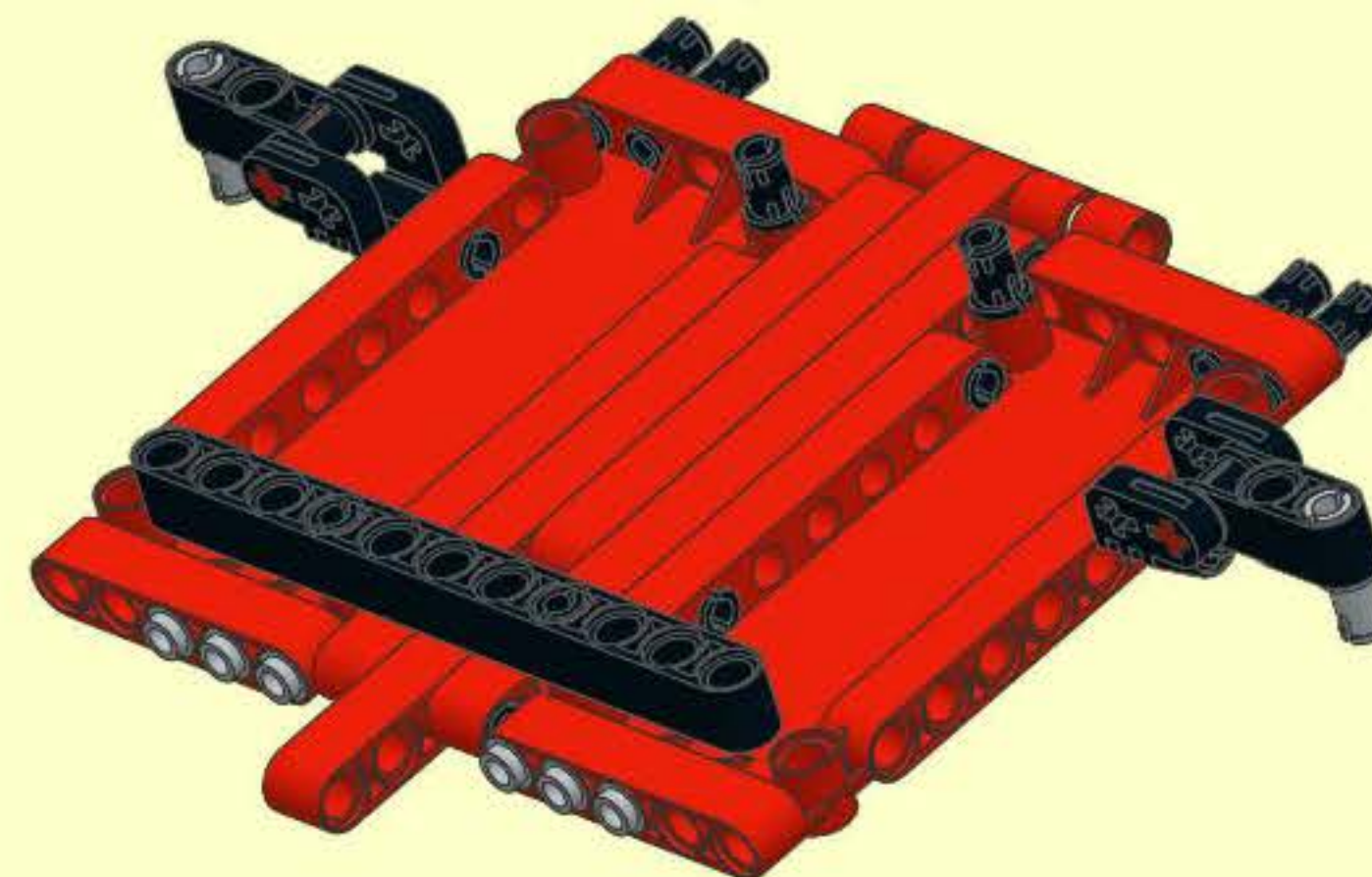
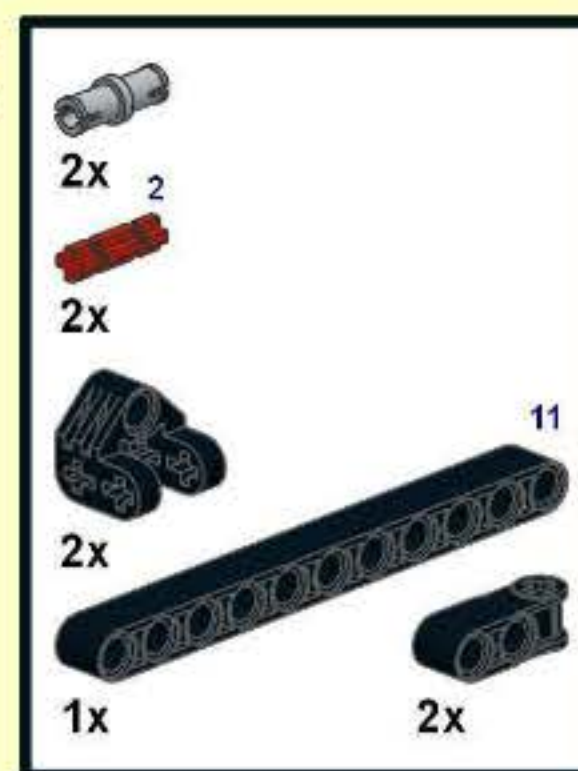
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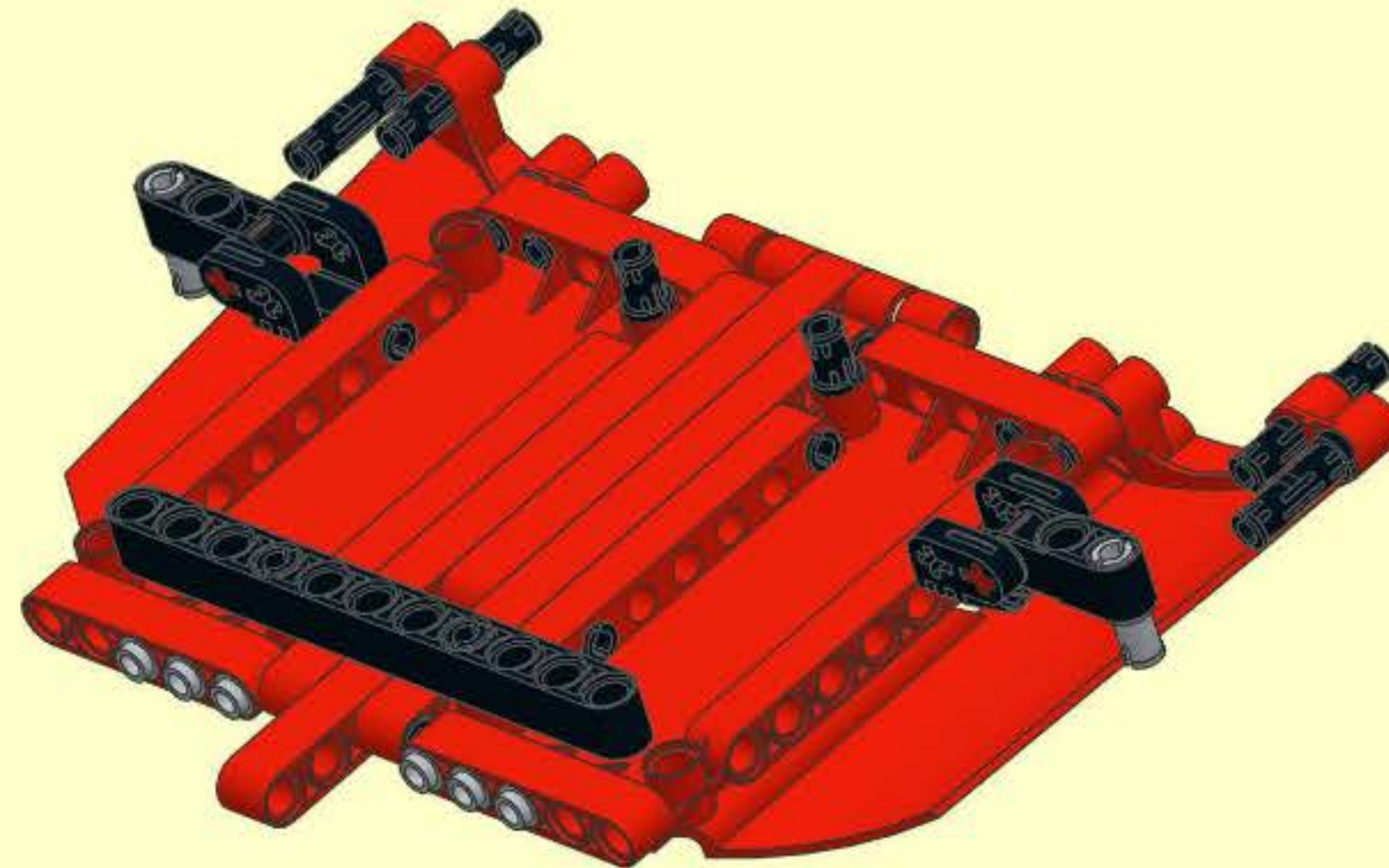
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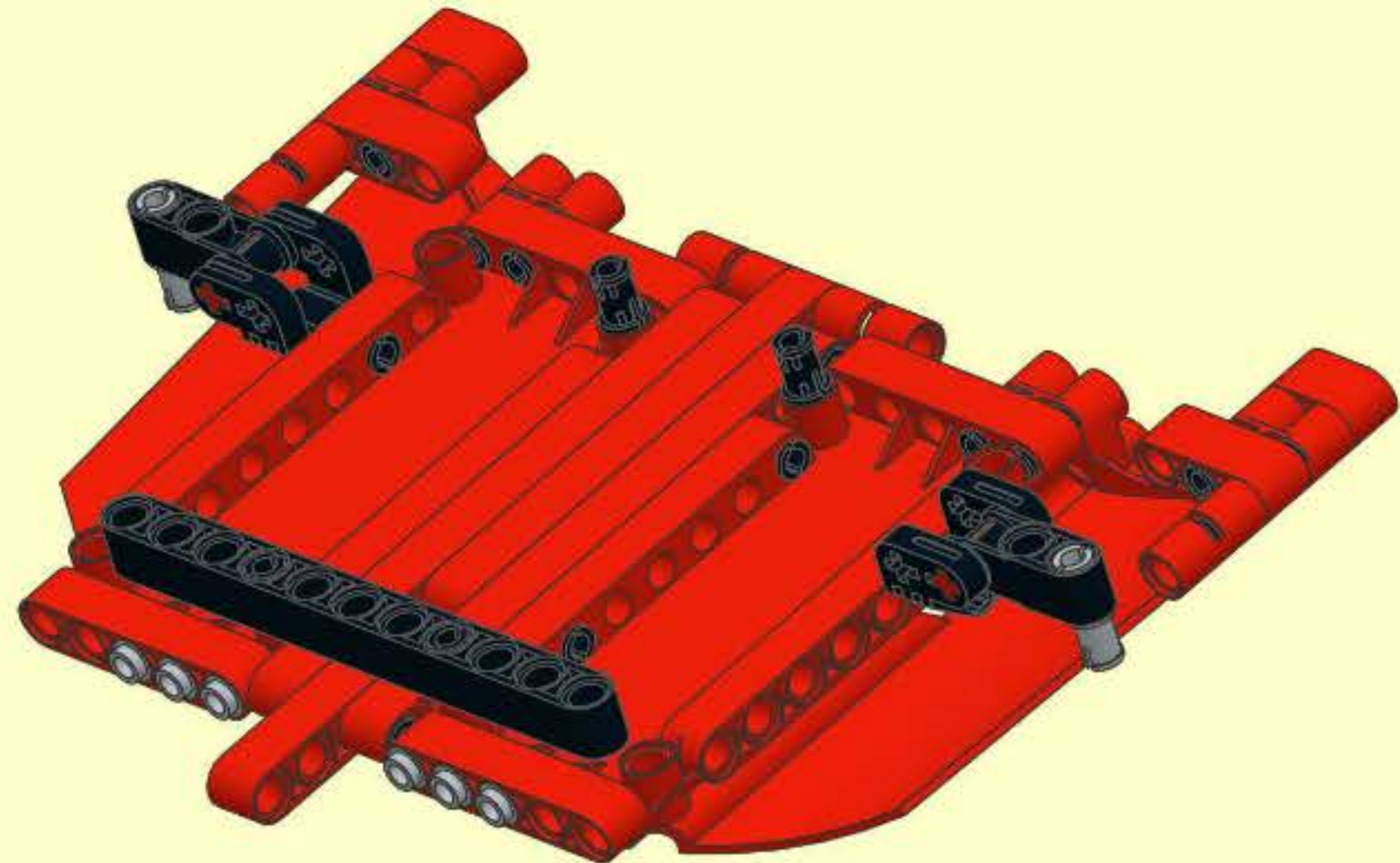
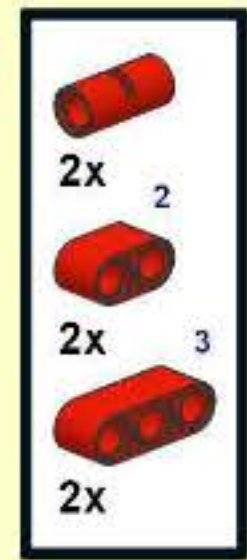
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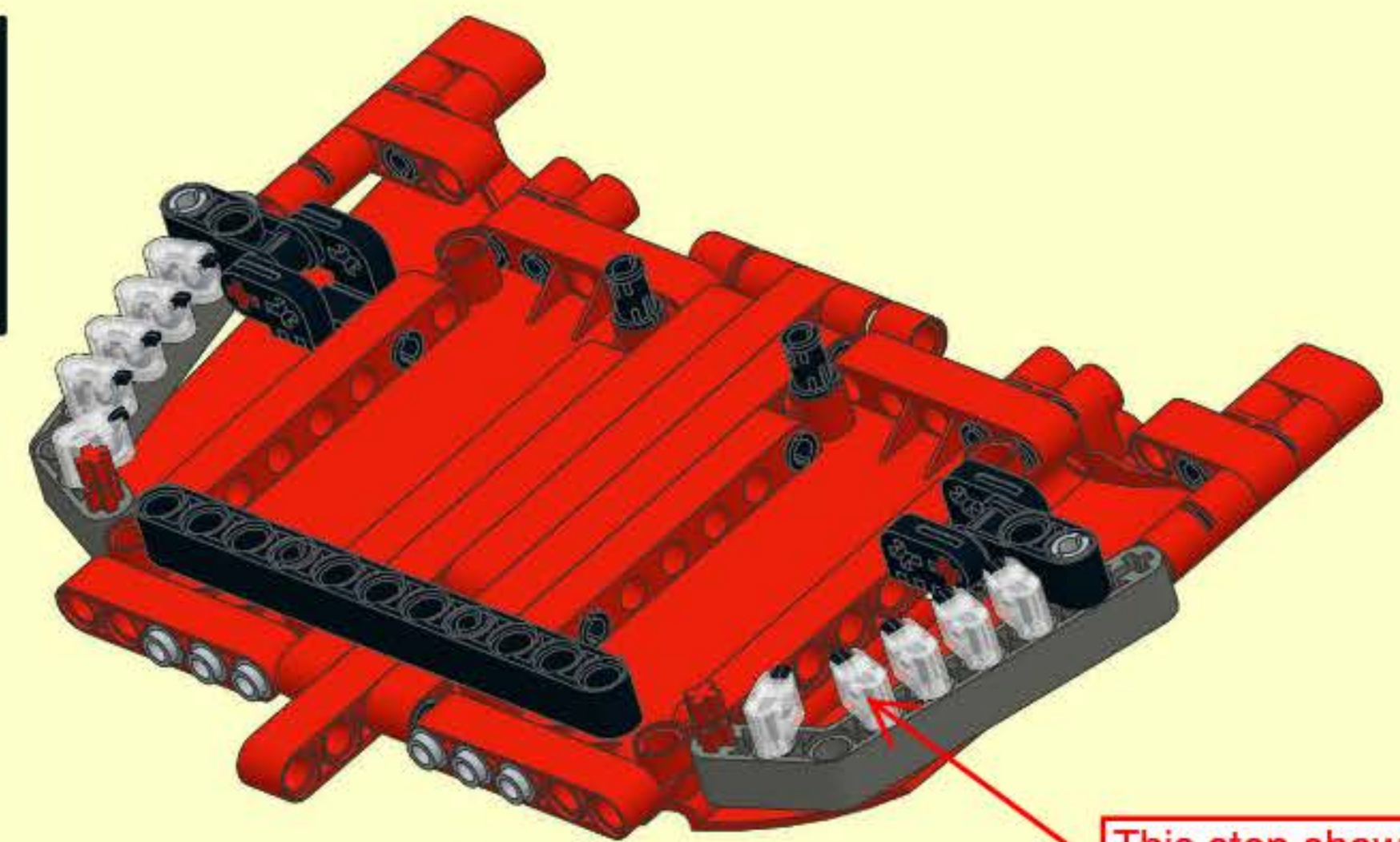
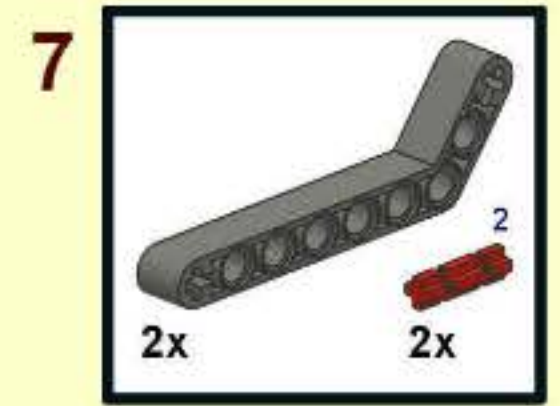


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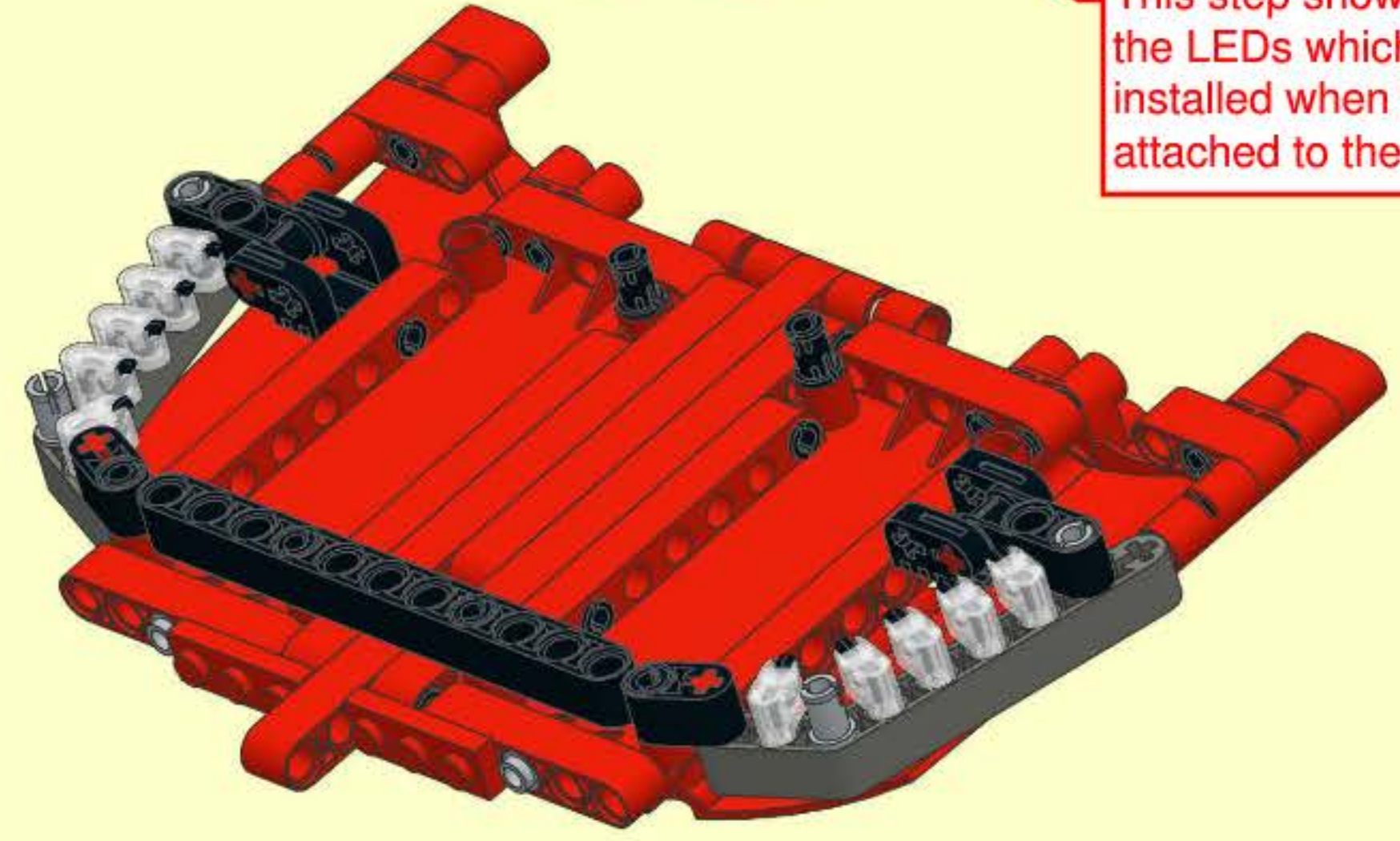
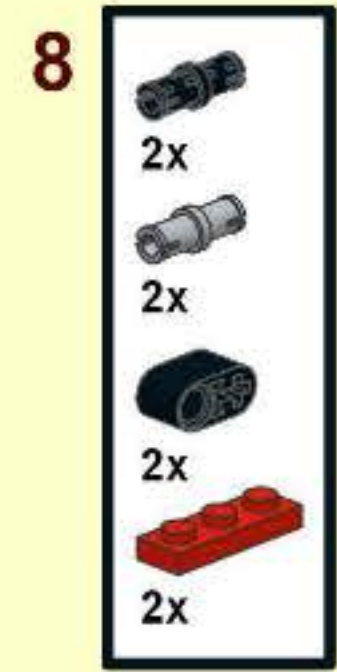


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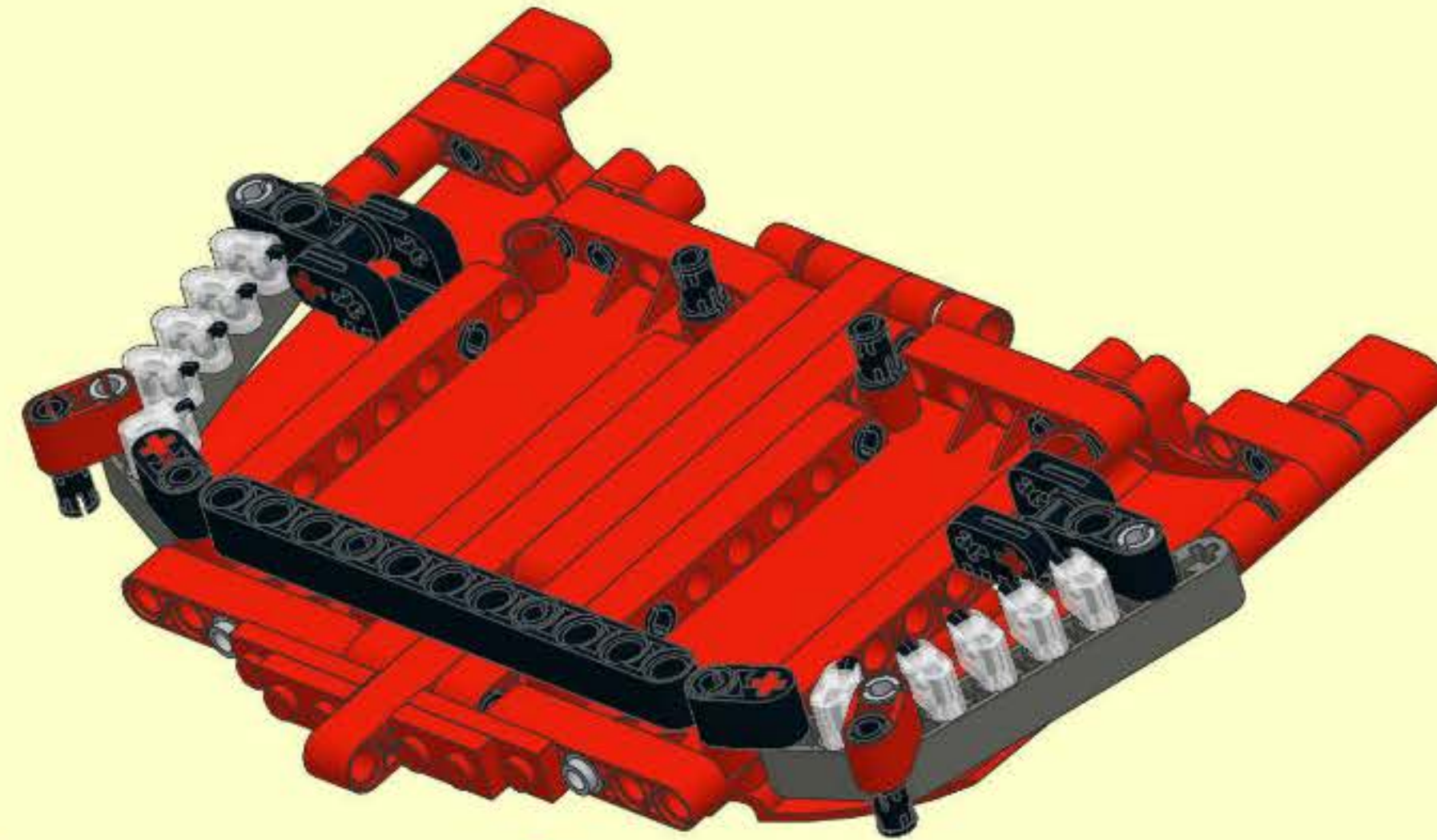
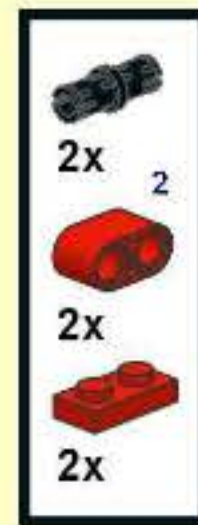




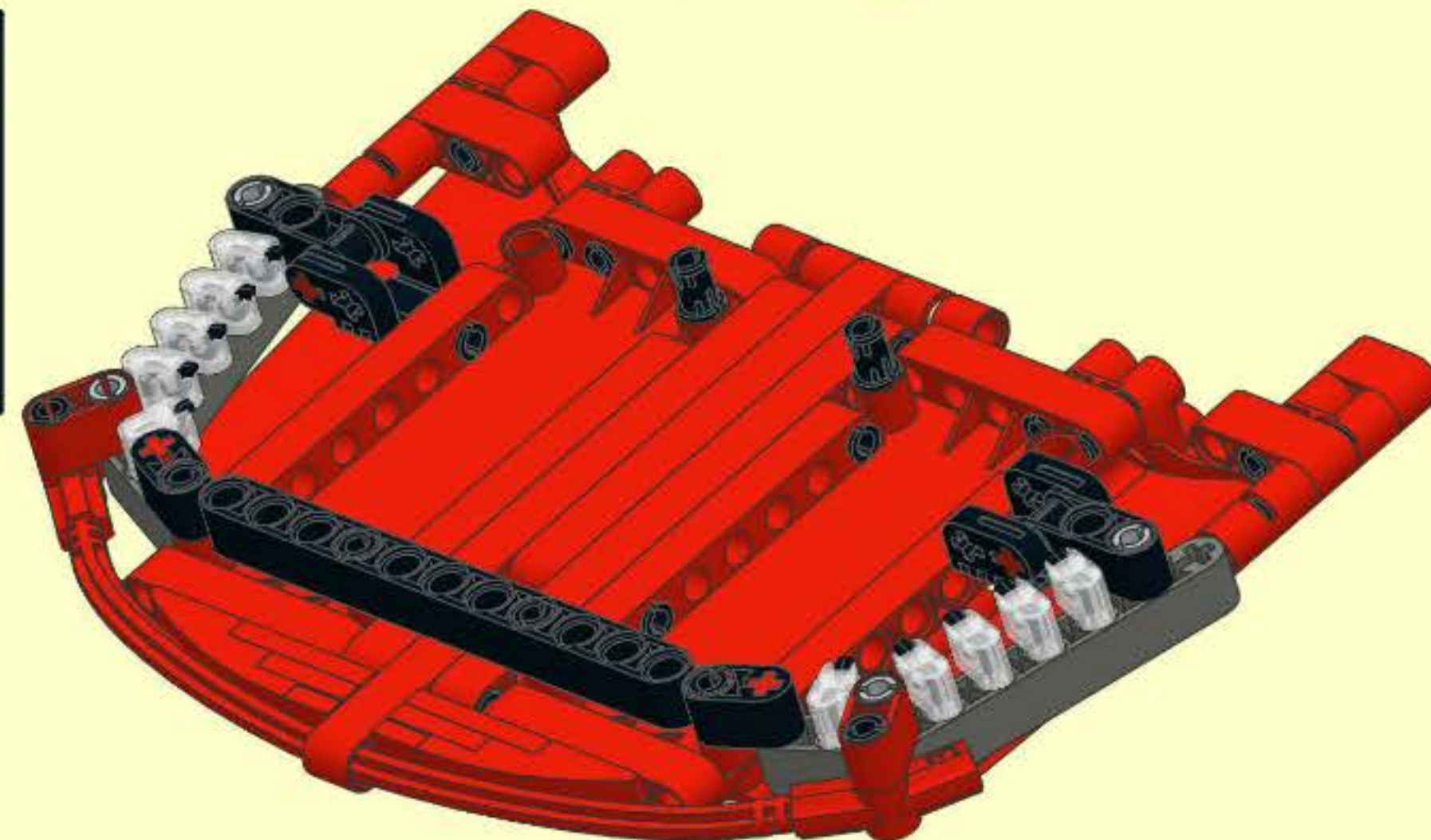
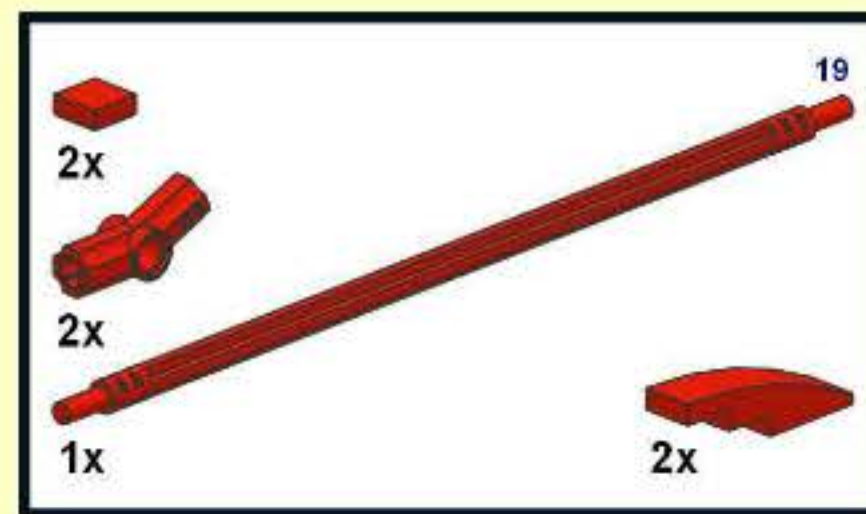
This step shows where to put the LEDs which must be installed when the hood is attached to the chassis.

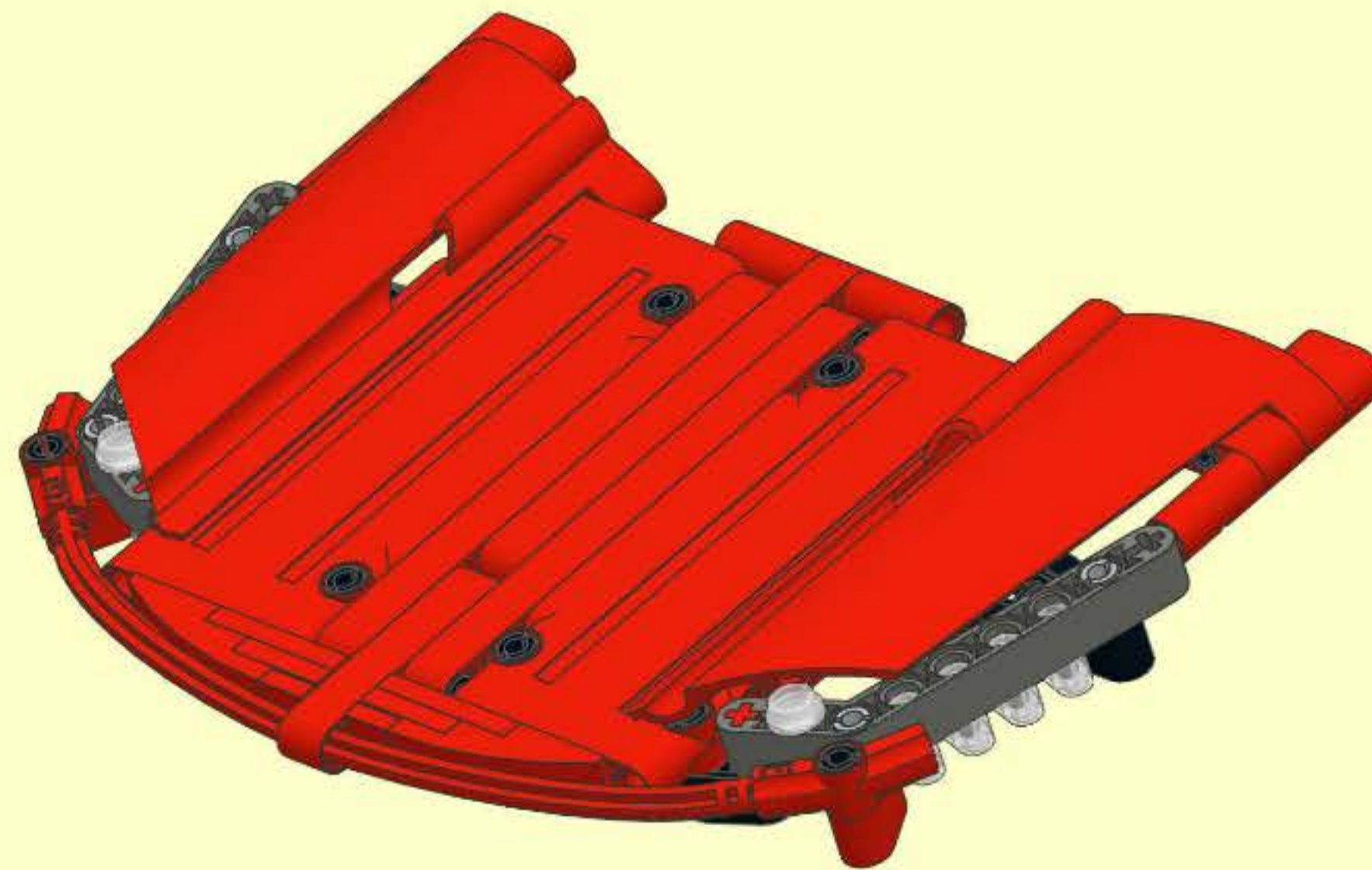


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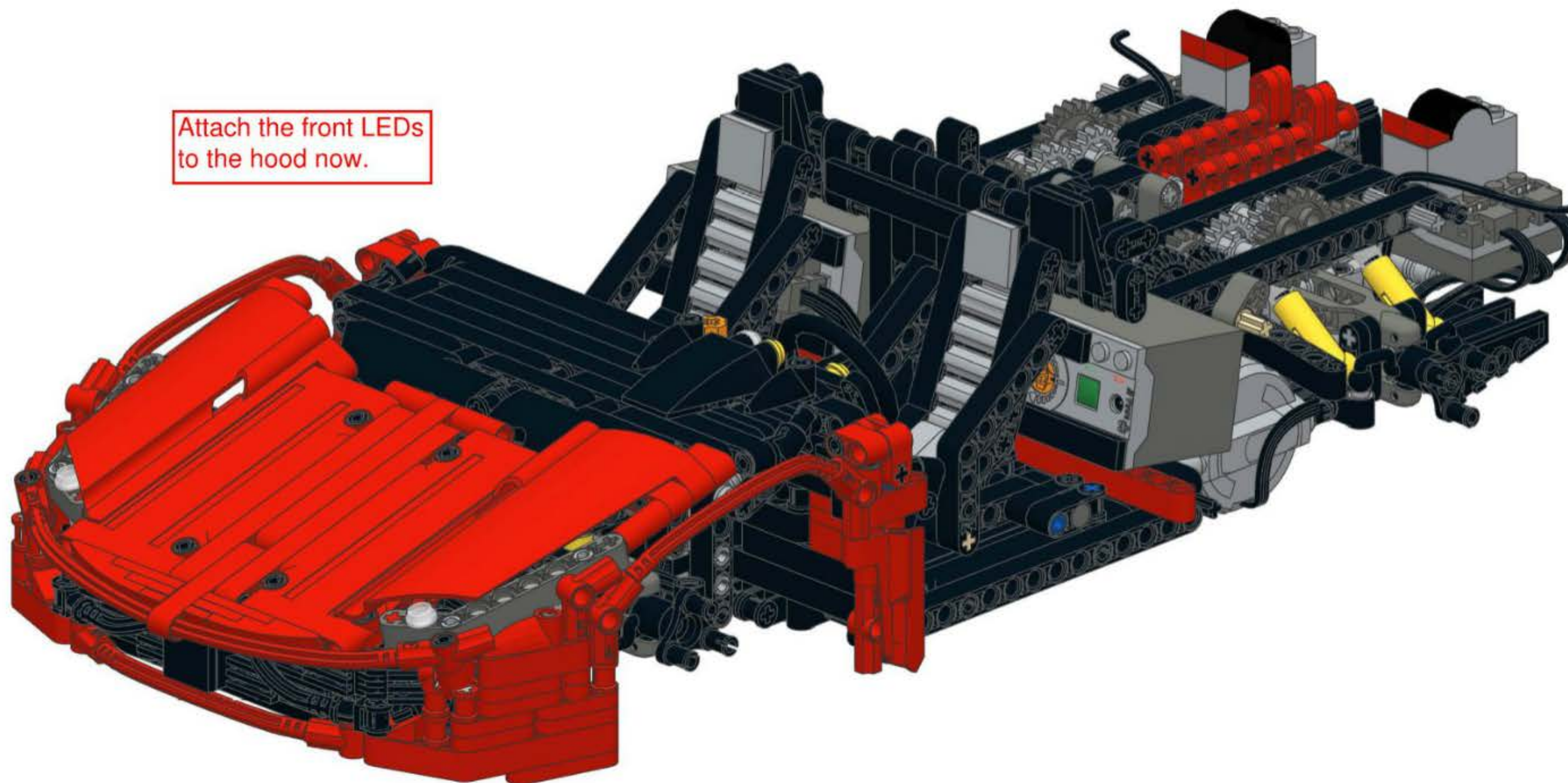


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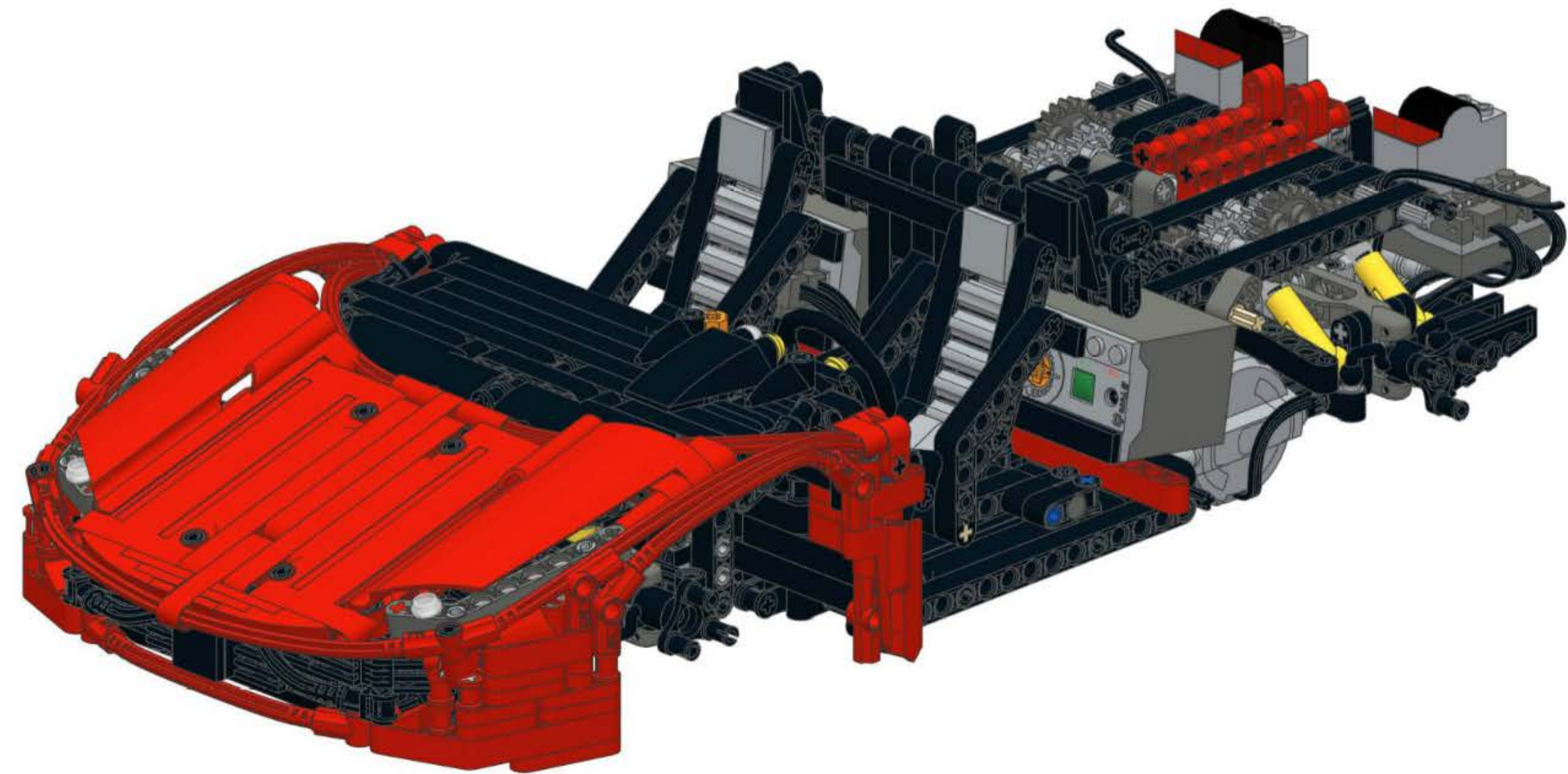
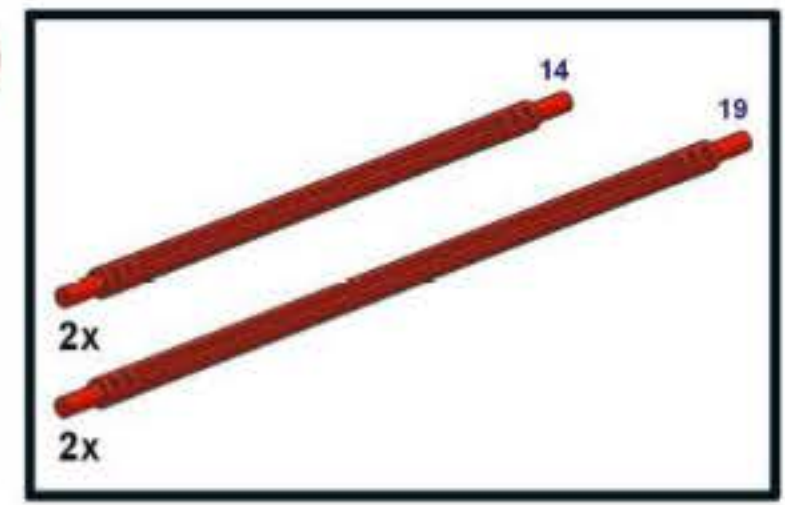


Attach the front LEDs
to the hood now.



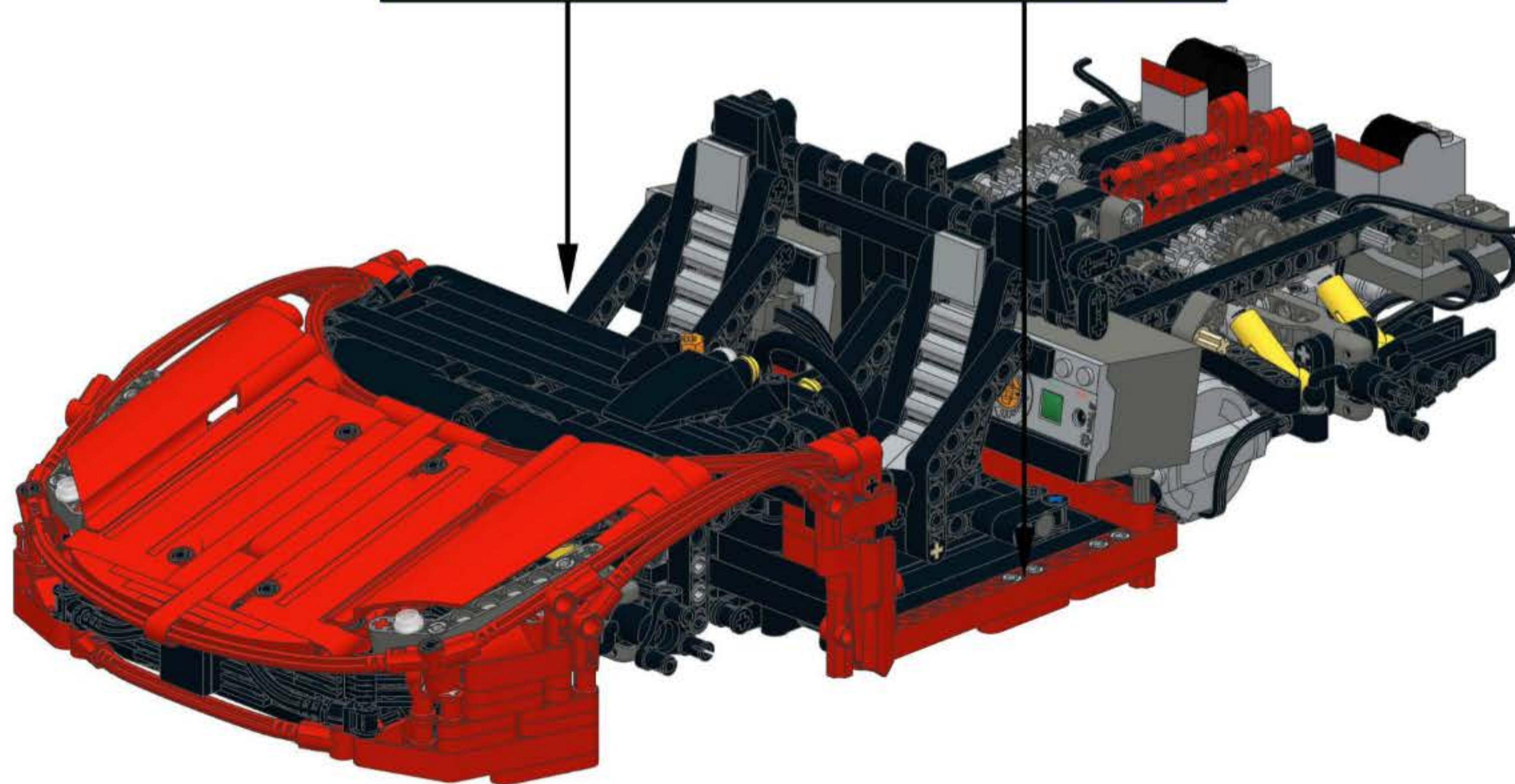
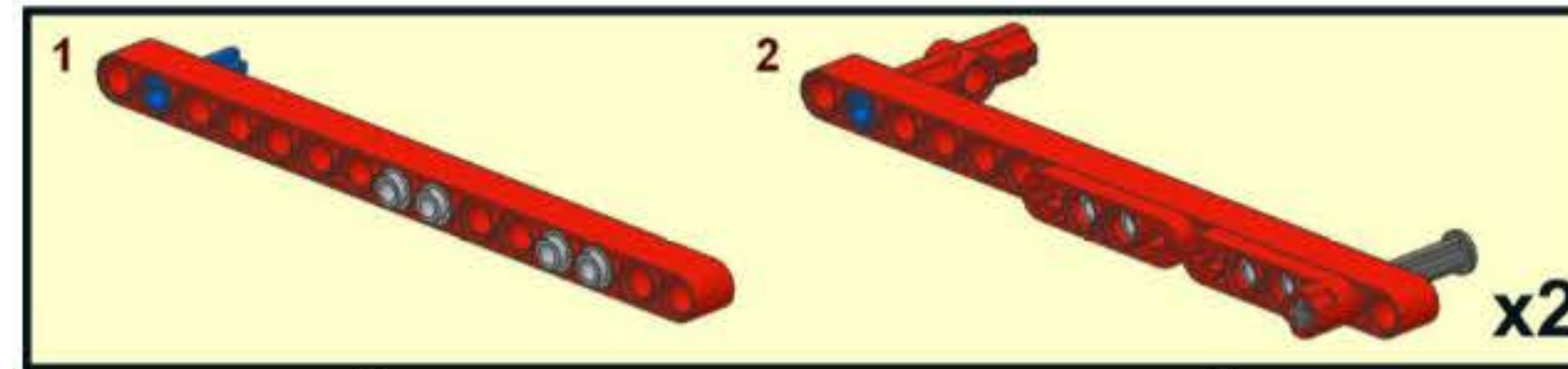
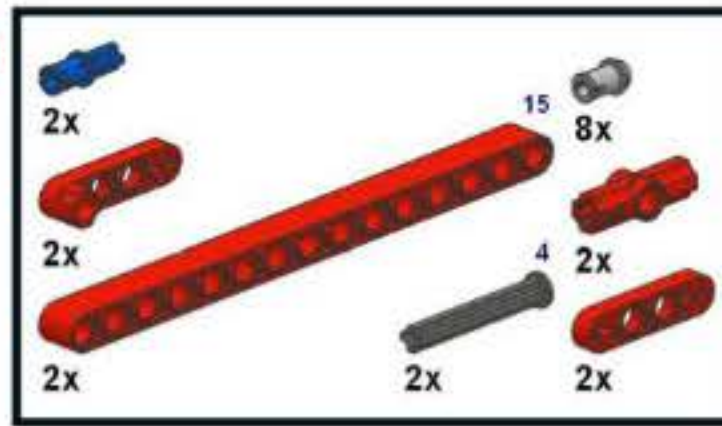
Red Spider

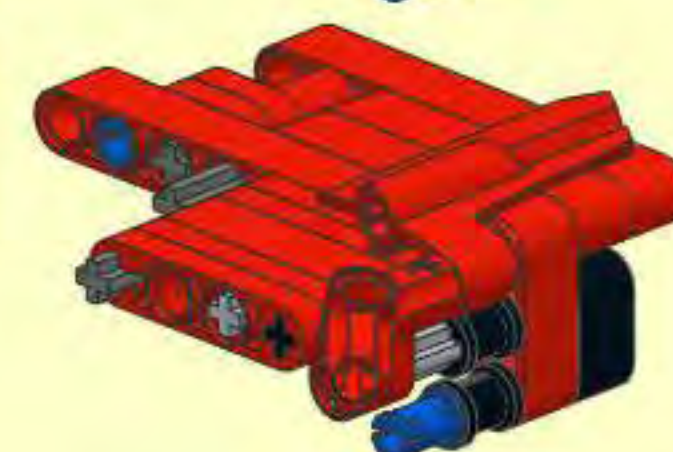
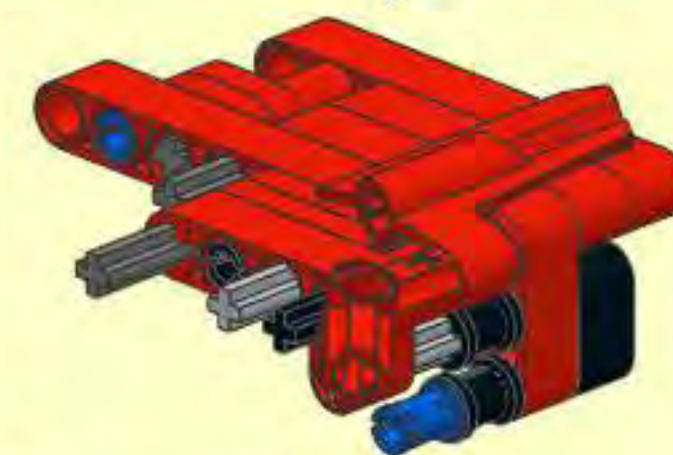
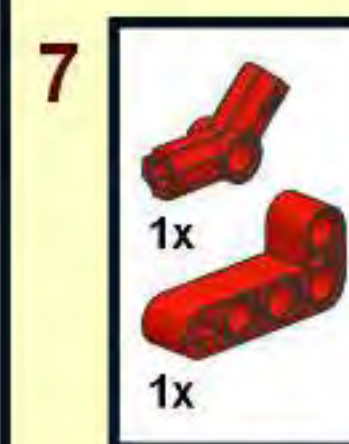
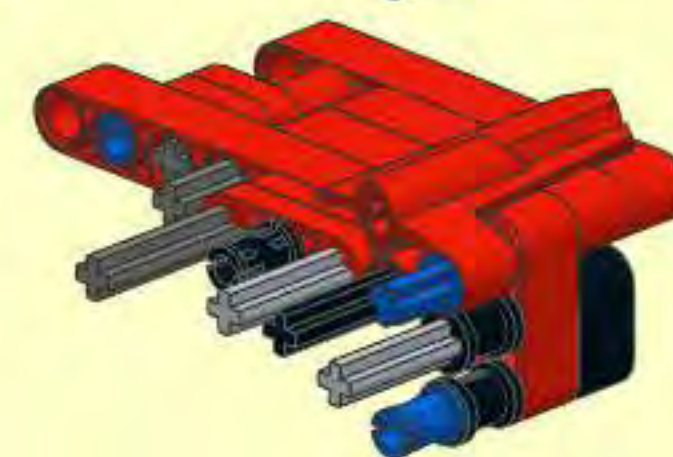
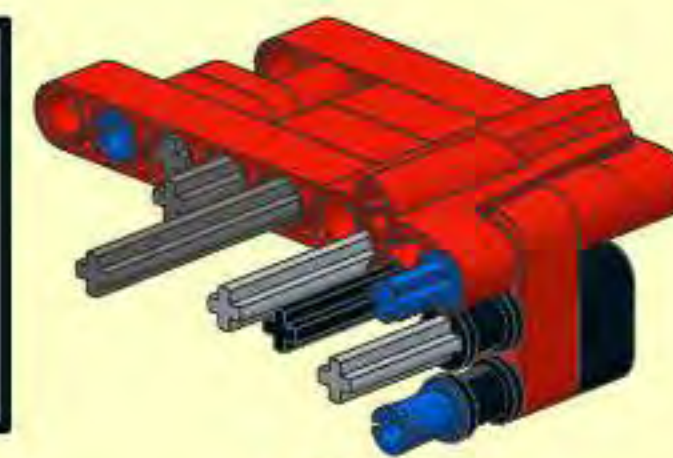
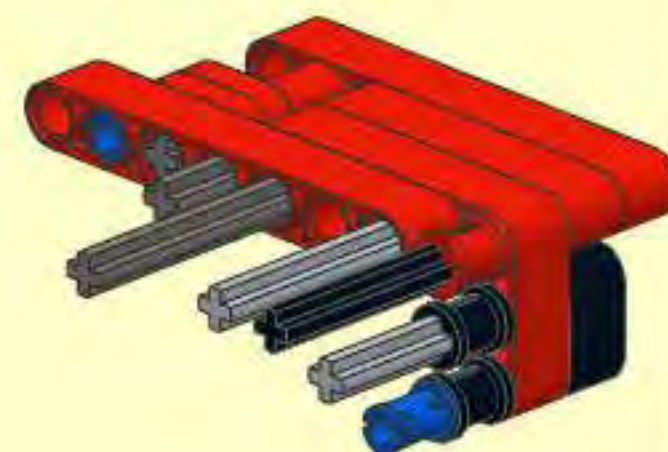
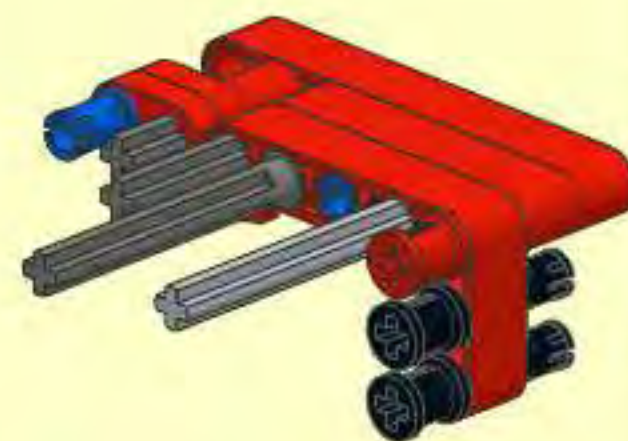
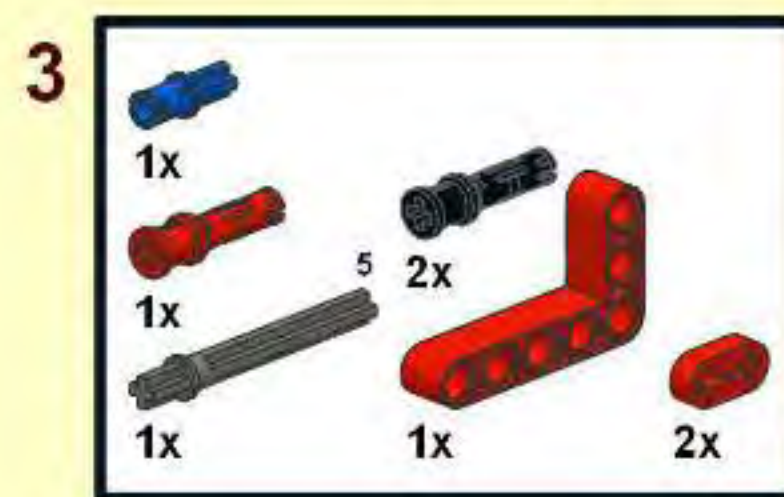
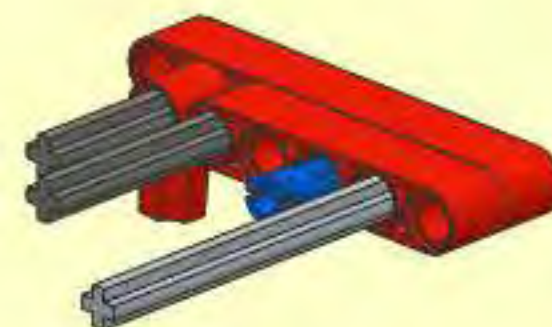
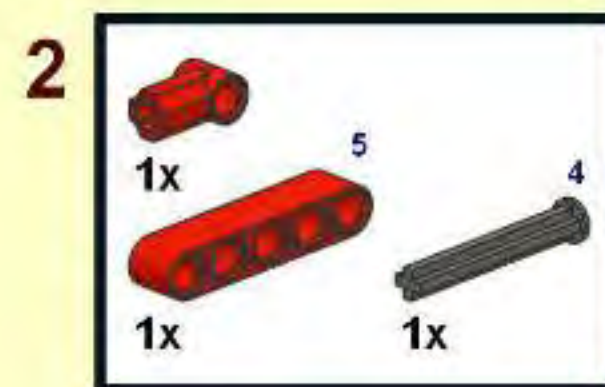
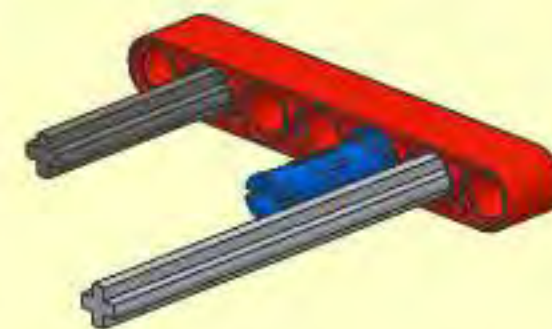
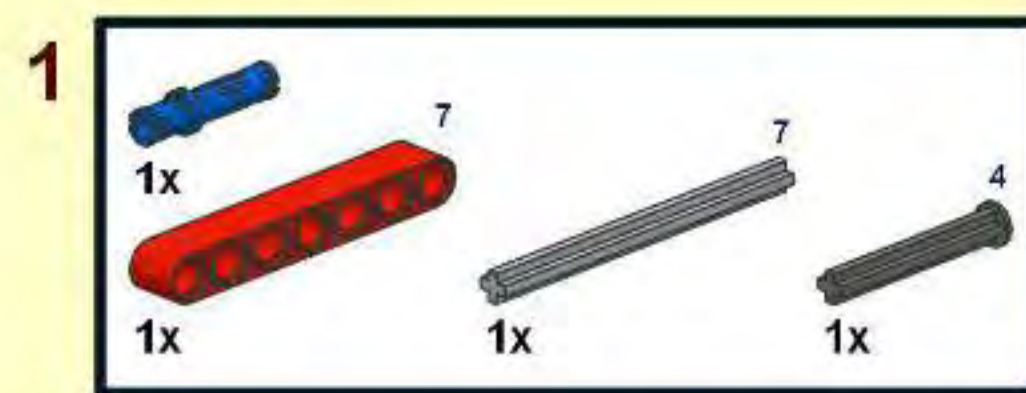
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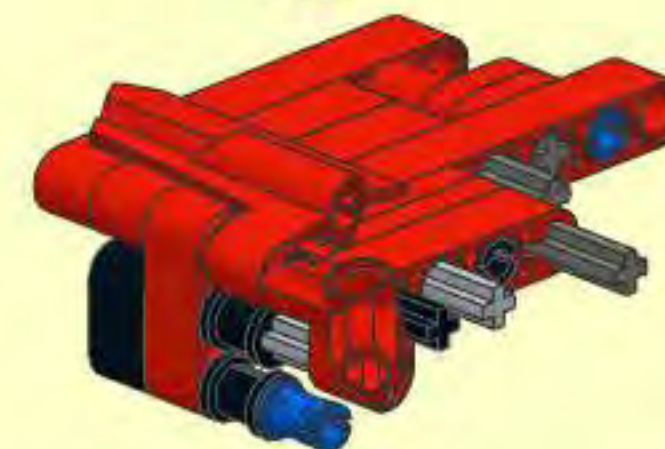
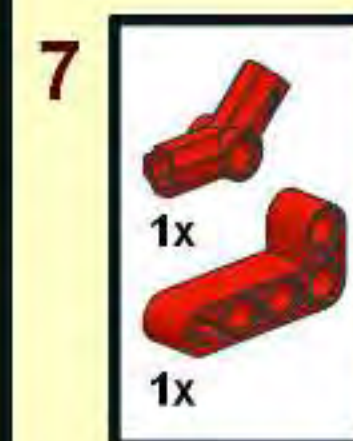
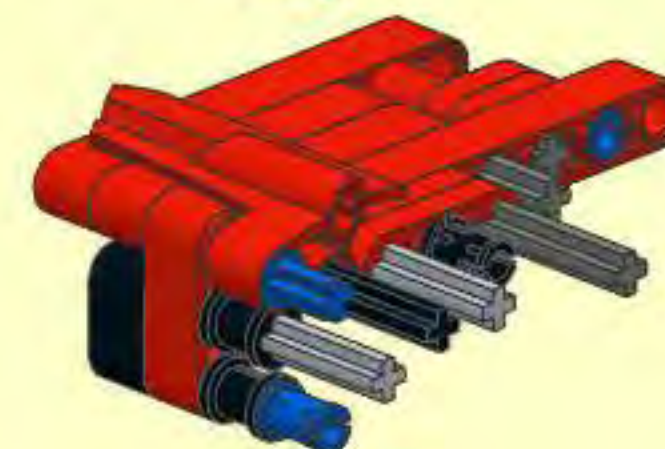
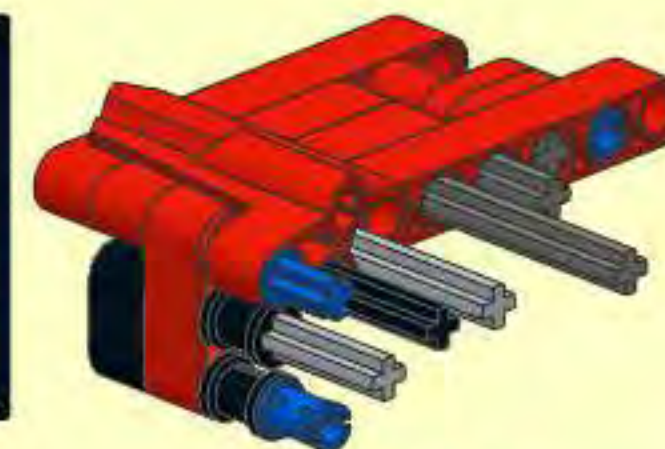
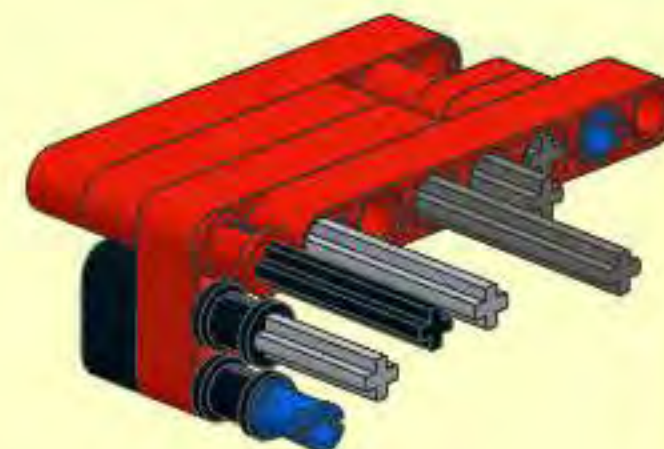
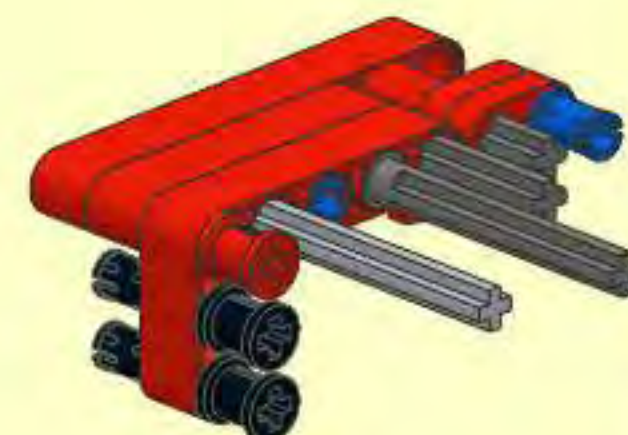
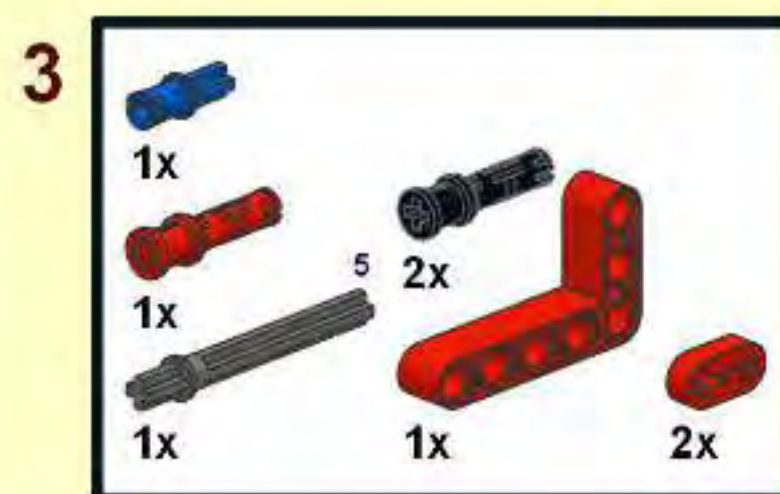
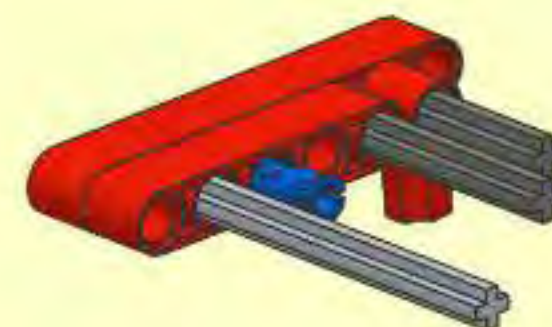
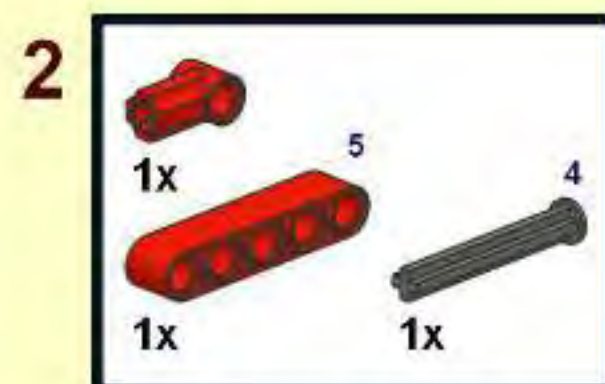
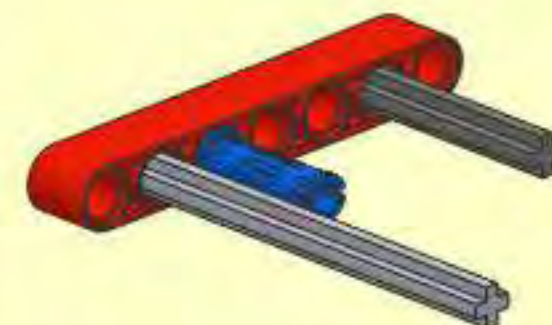
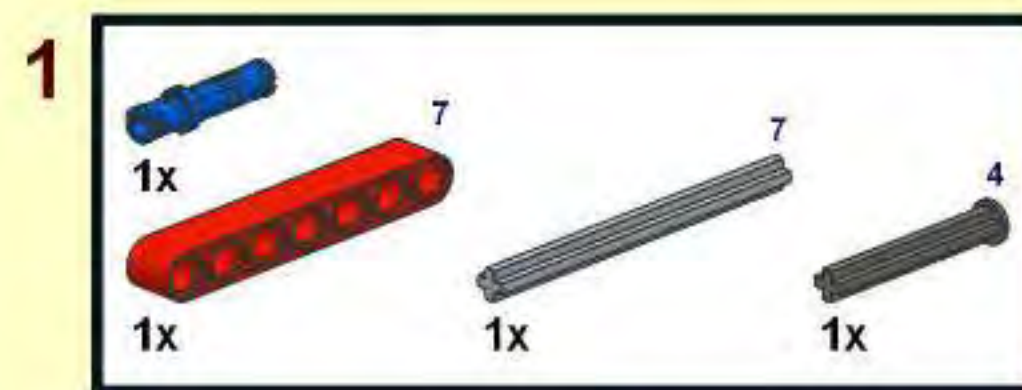


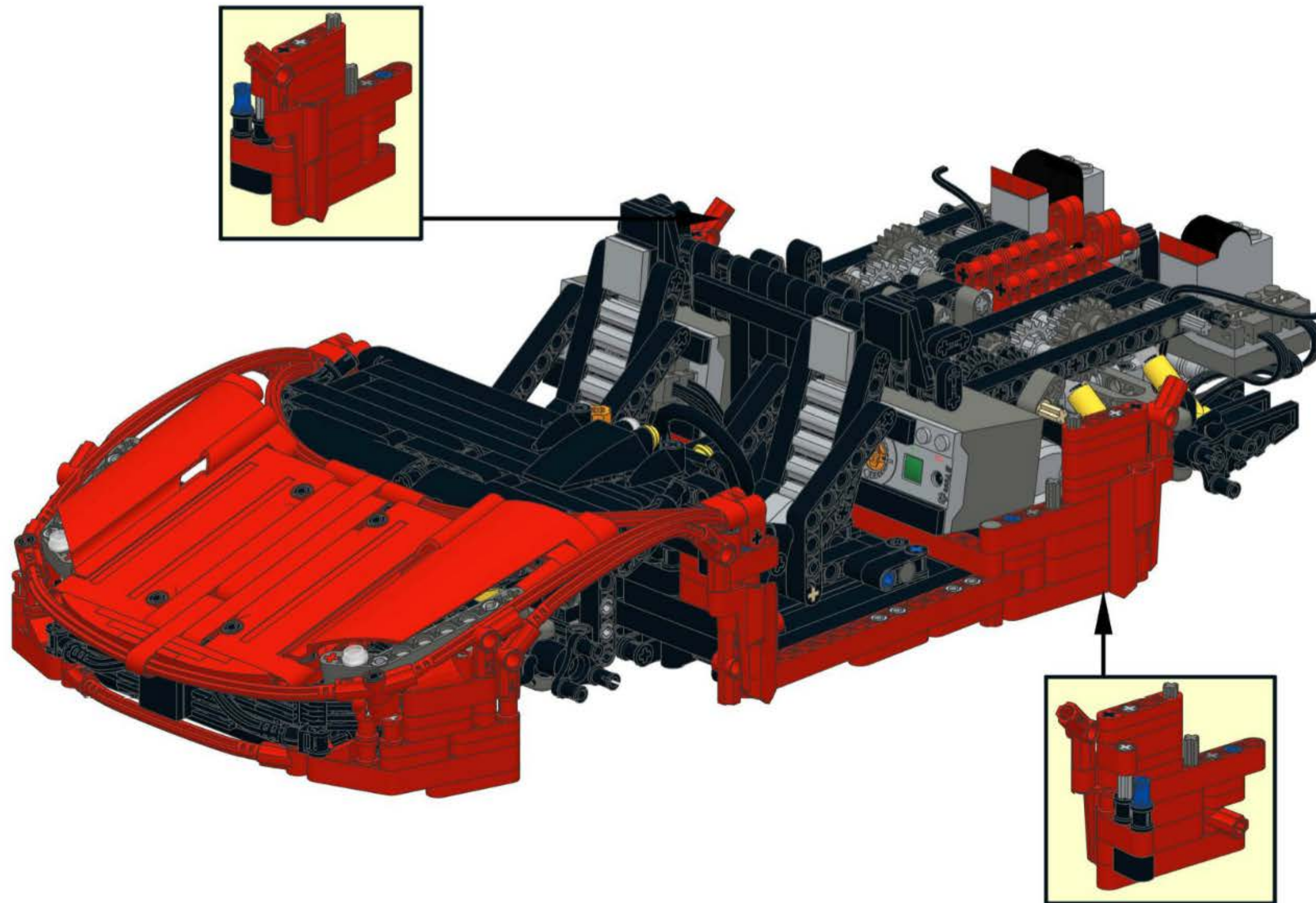
Red Spider

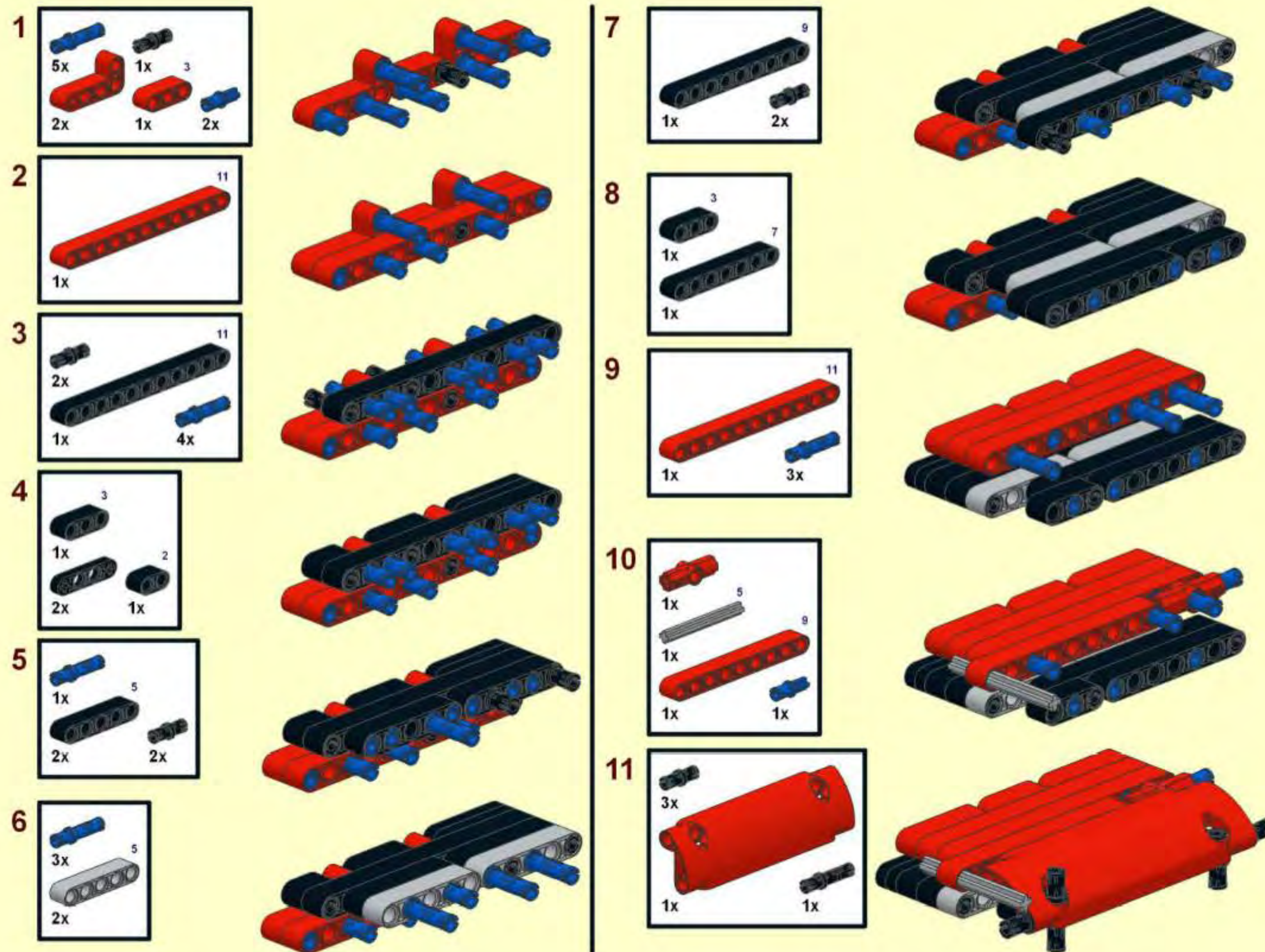
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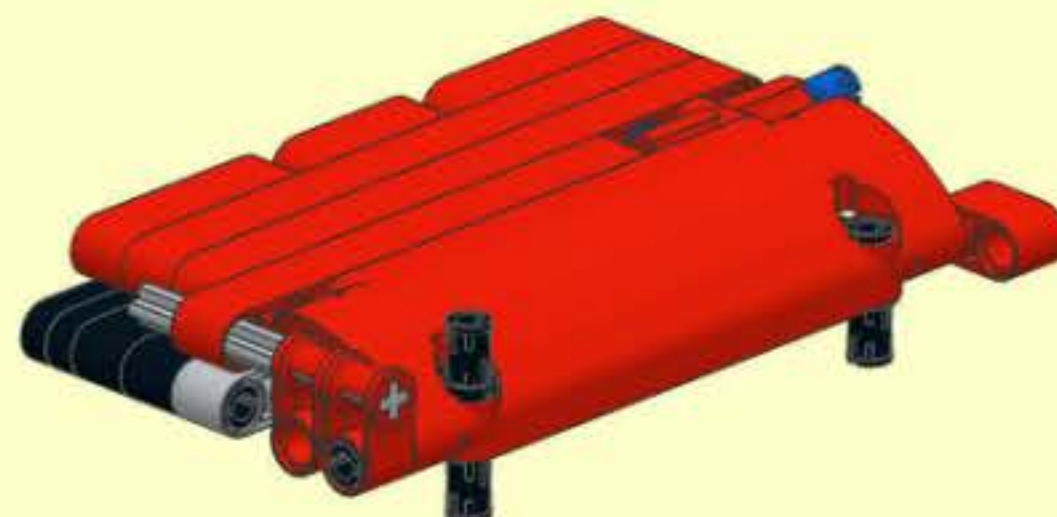




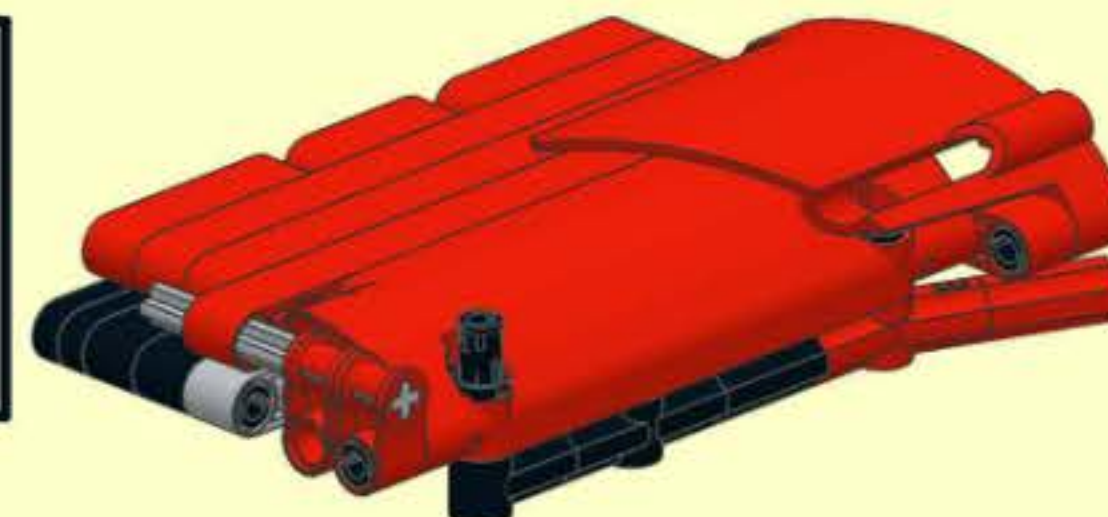


2x 2

1x



1x



 2
 1x

 1x

 1x

 1x



2
1x
1x



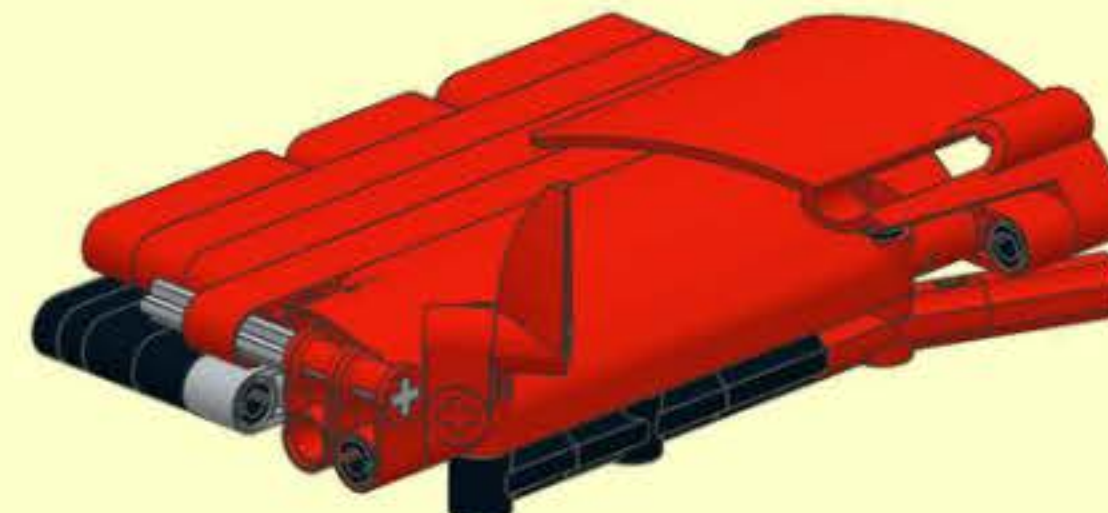
2
2x
1x



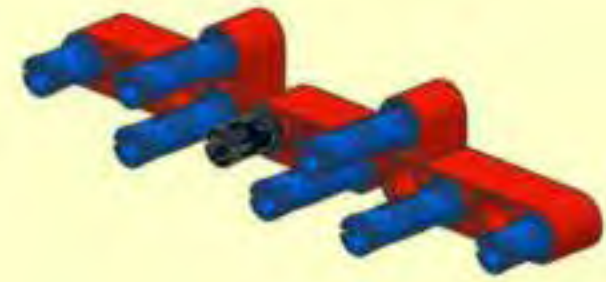
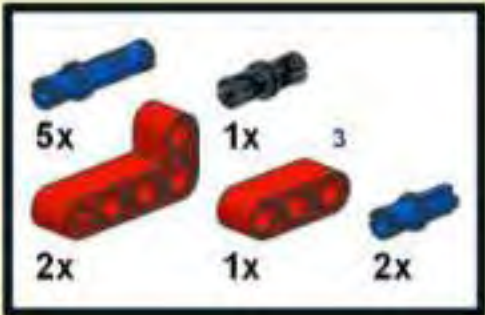

 1x

 1x

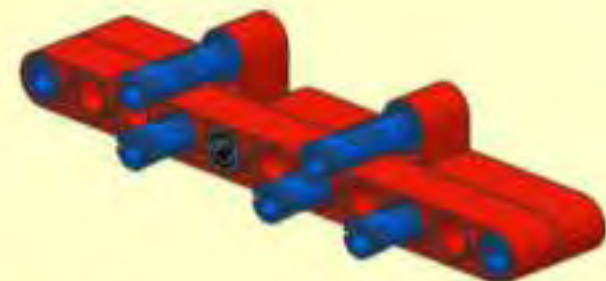
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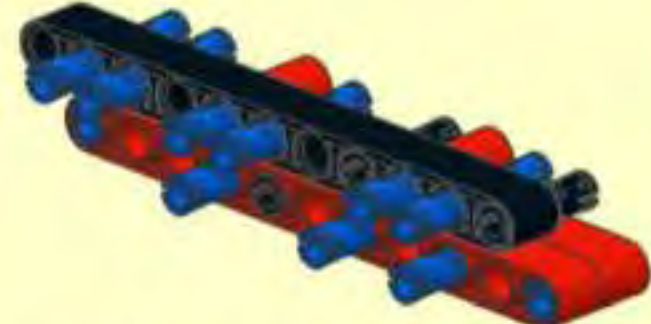
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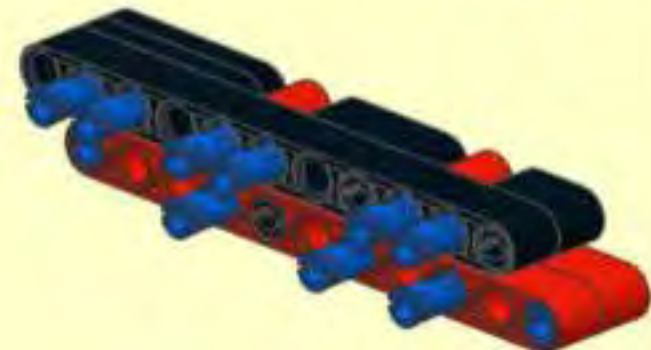
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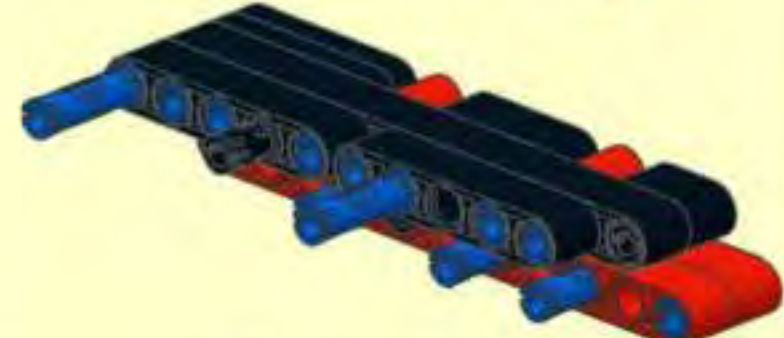
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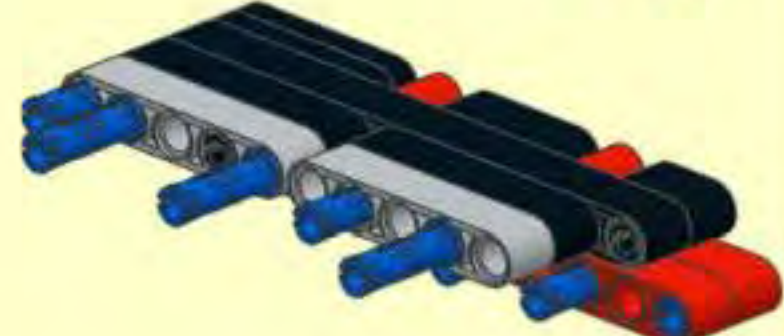
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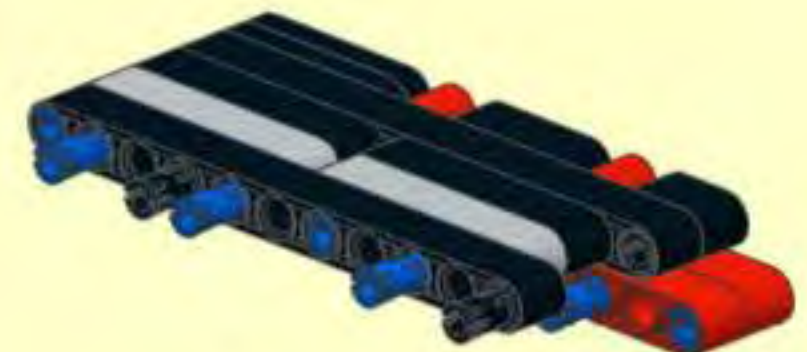
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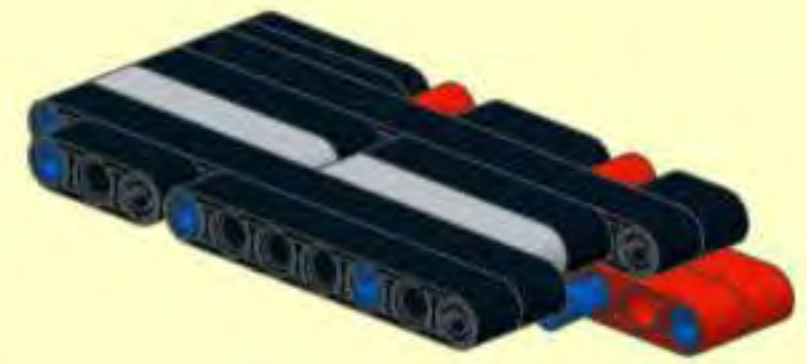
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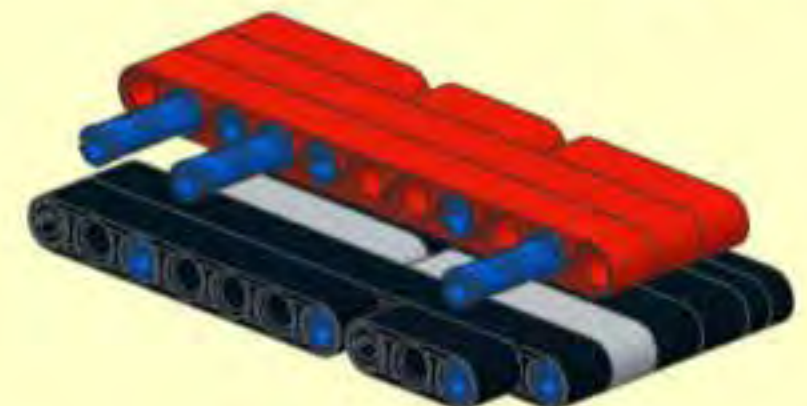
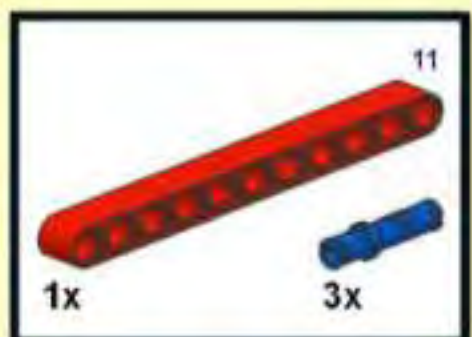
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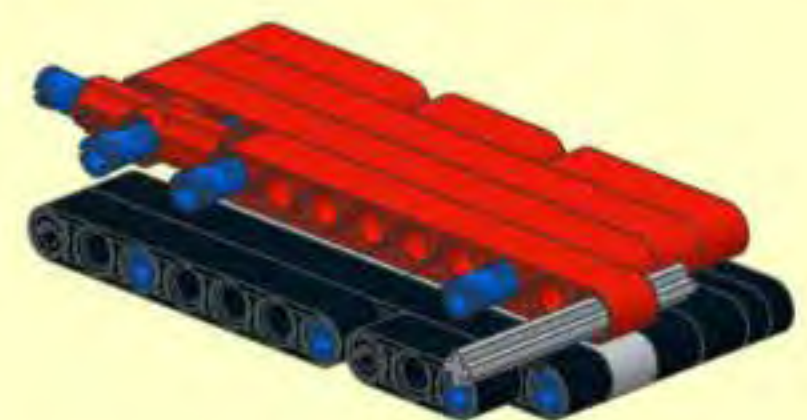
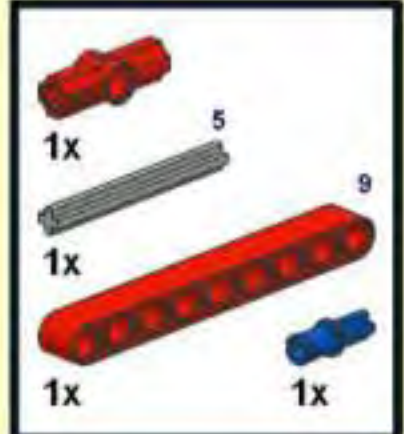
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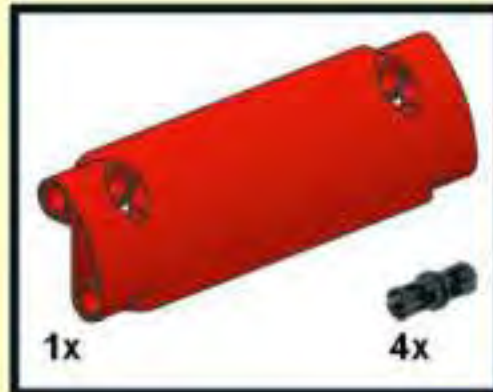
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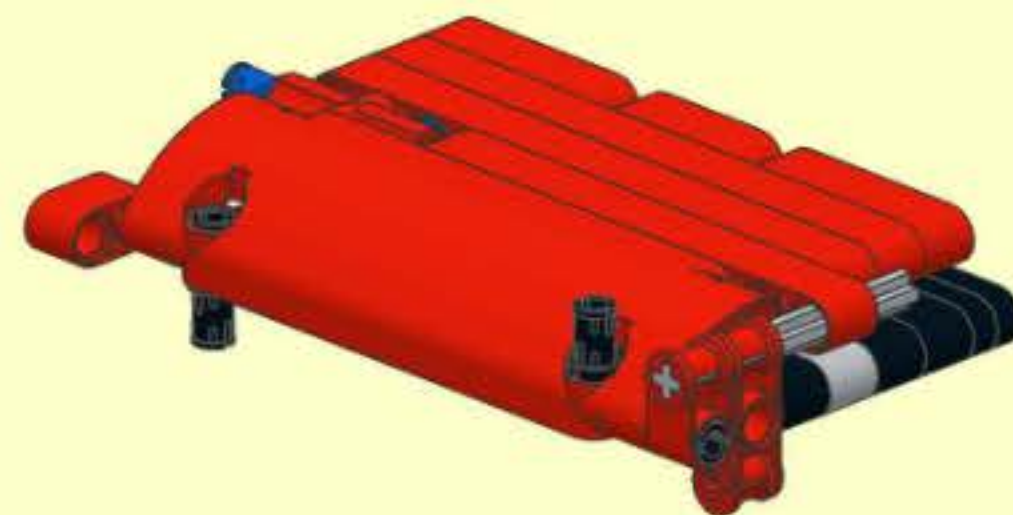
10



11



- 12
- 1x 2
 - 1x
 - 1x



- 13
- 1x 2
 - 2x
 - 1x
 - 1x 2
 - 1x



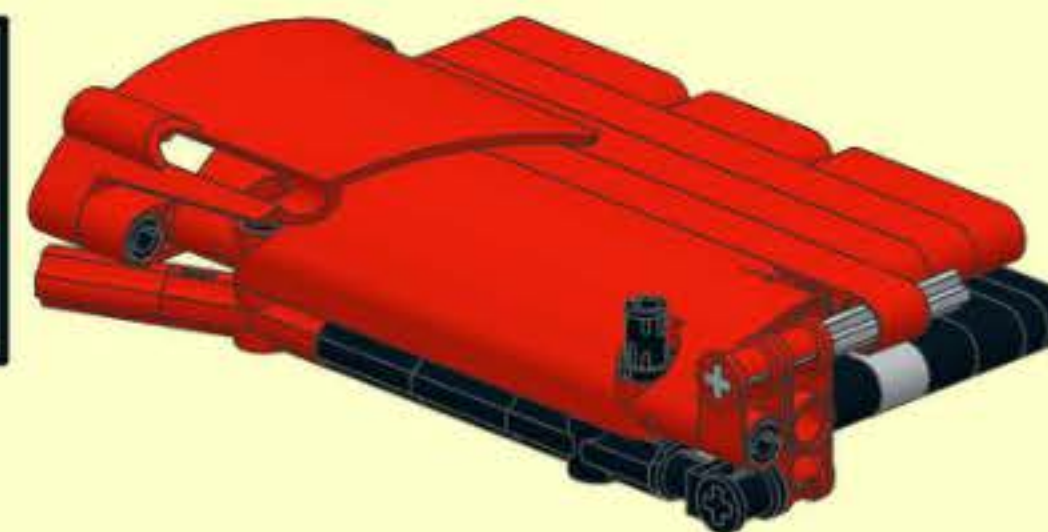
- 14
- 2
 - 2x
 - 2x



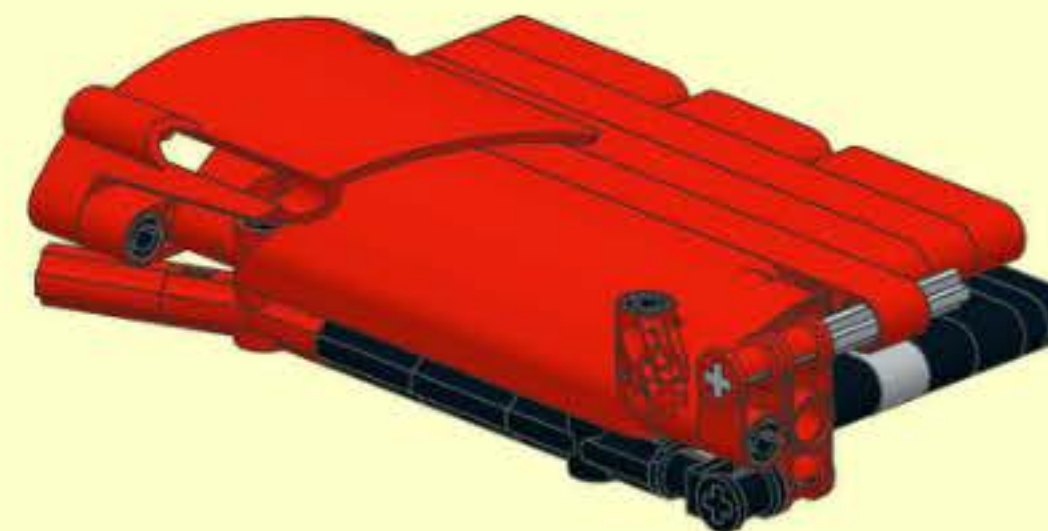
- 15
- 2
 - 1x
 - 1x
 - 1x



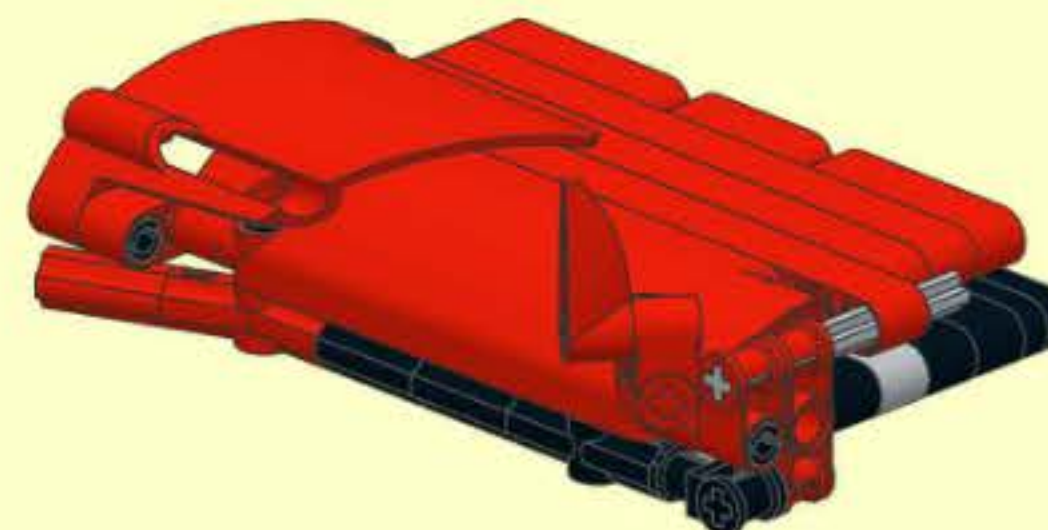
- 16
- 1x

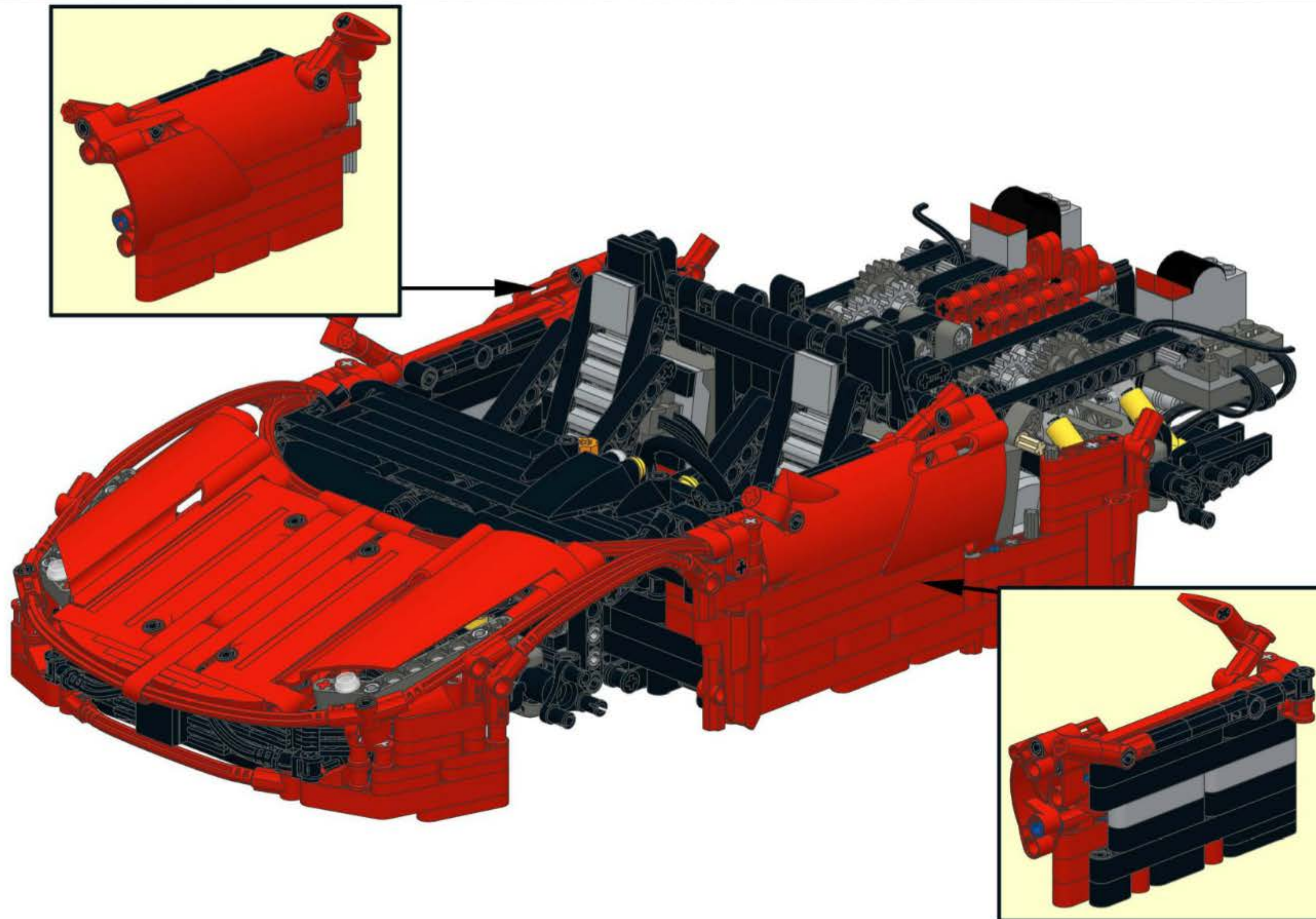


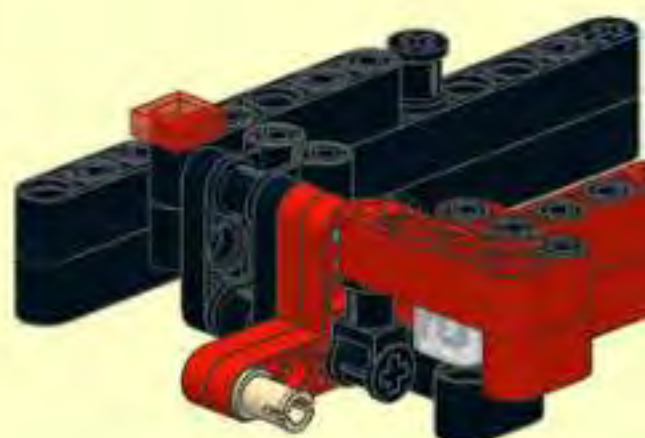
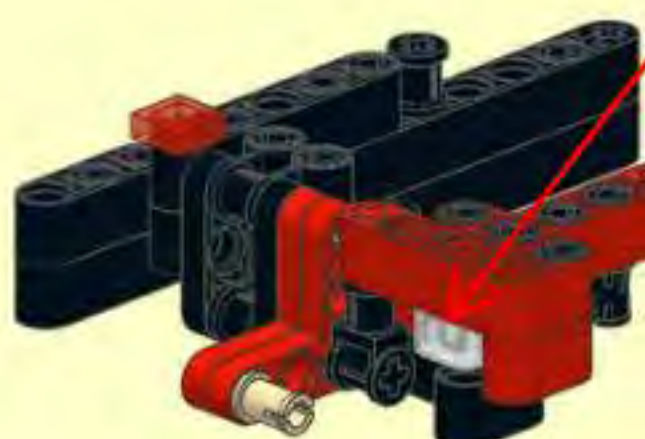
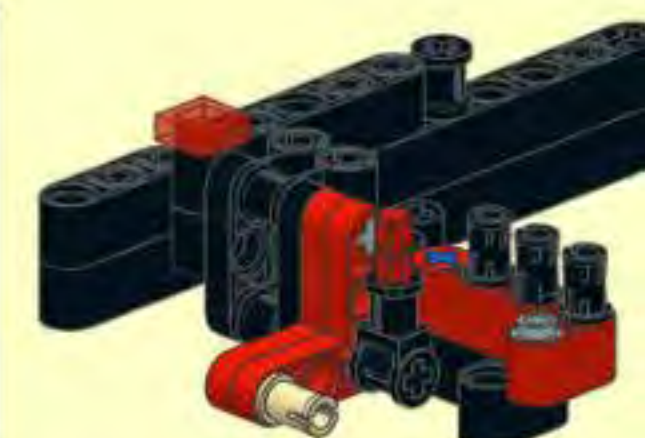
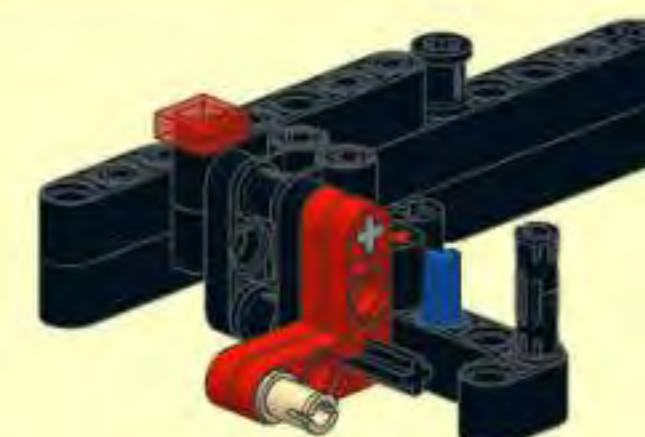
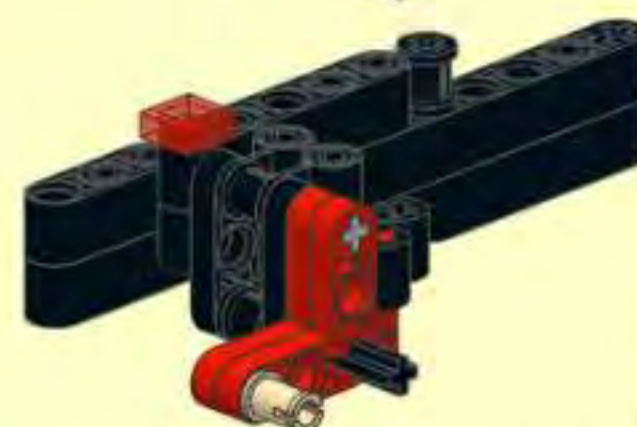
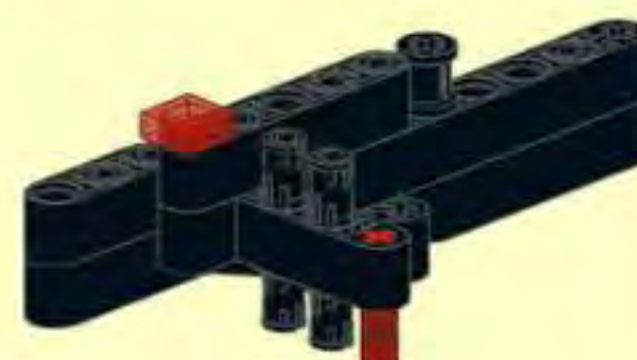
- 17
- 2
 - 1x
 - 1x



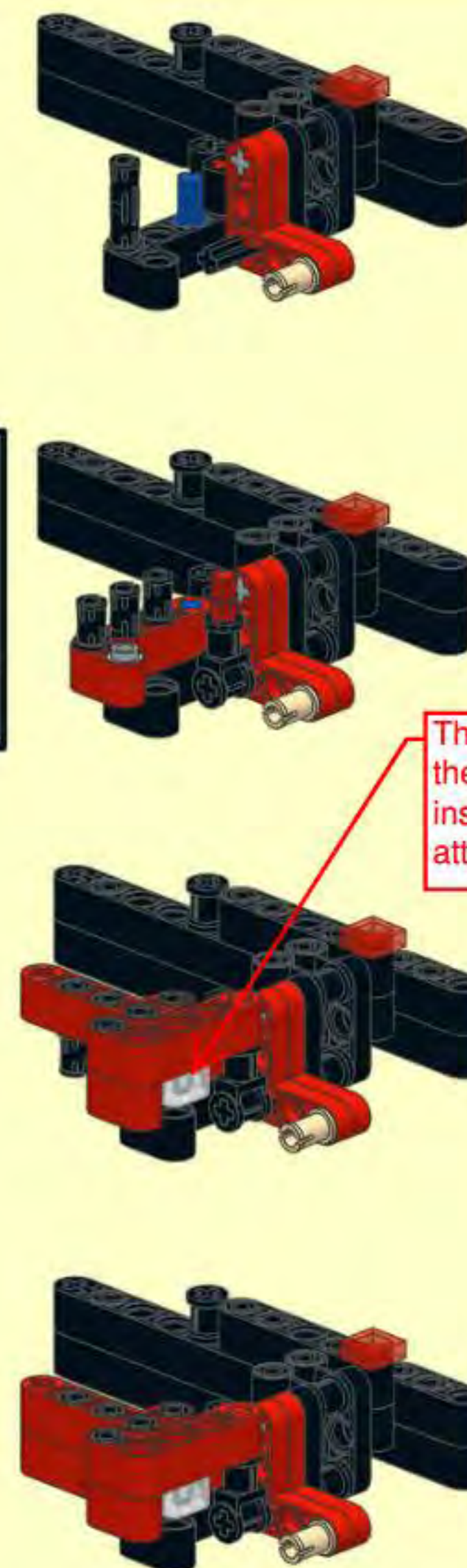
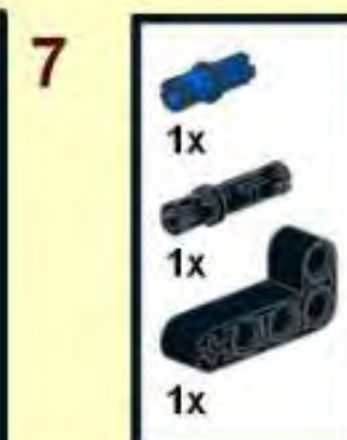
- 18
- 1x
 - 1x
 - 1x



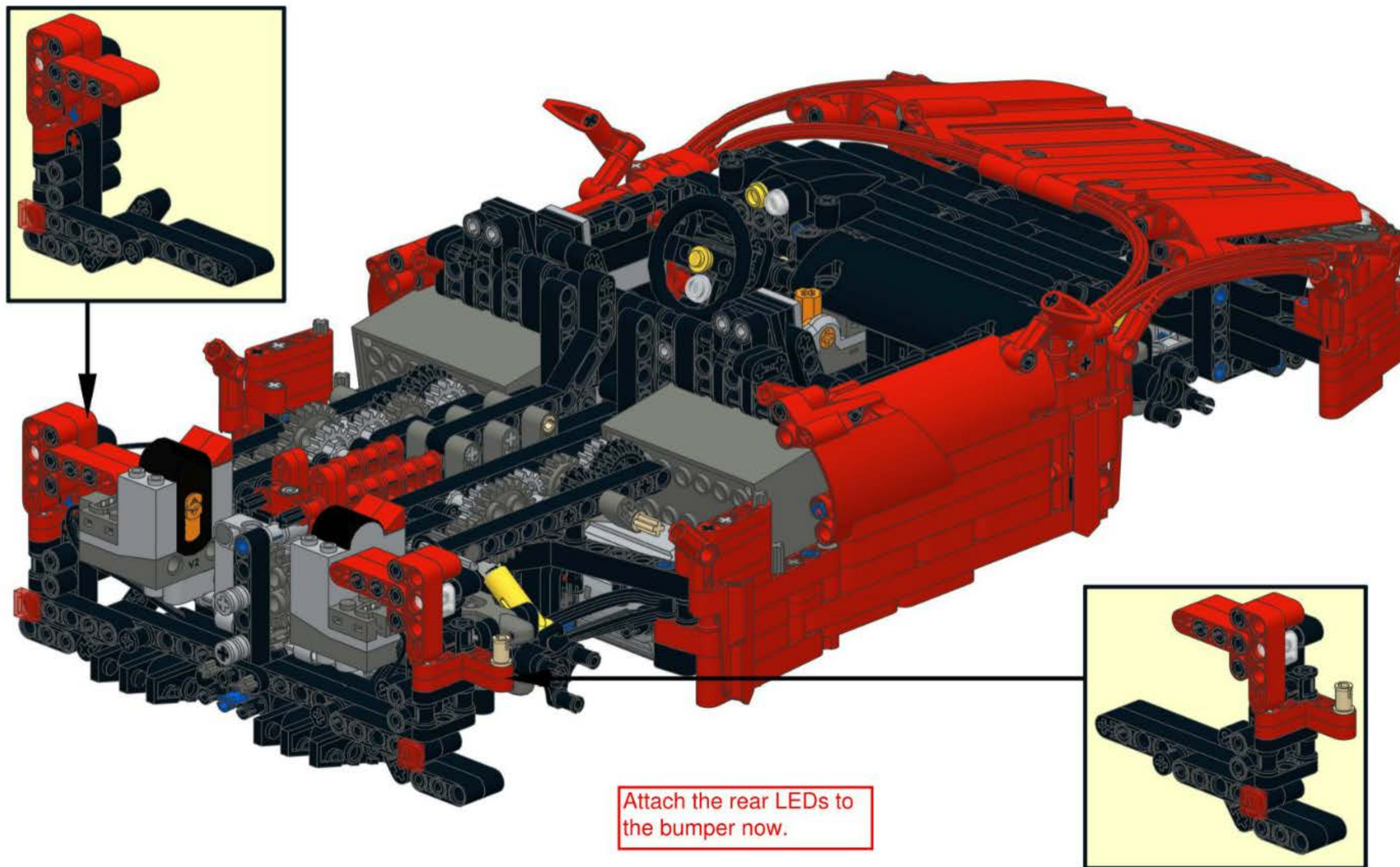




This step shows where to put the LED which must be installed when the bumper is attached to the chassis.



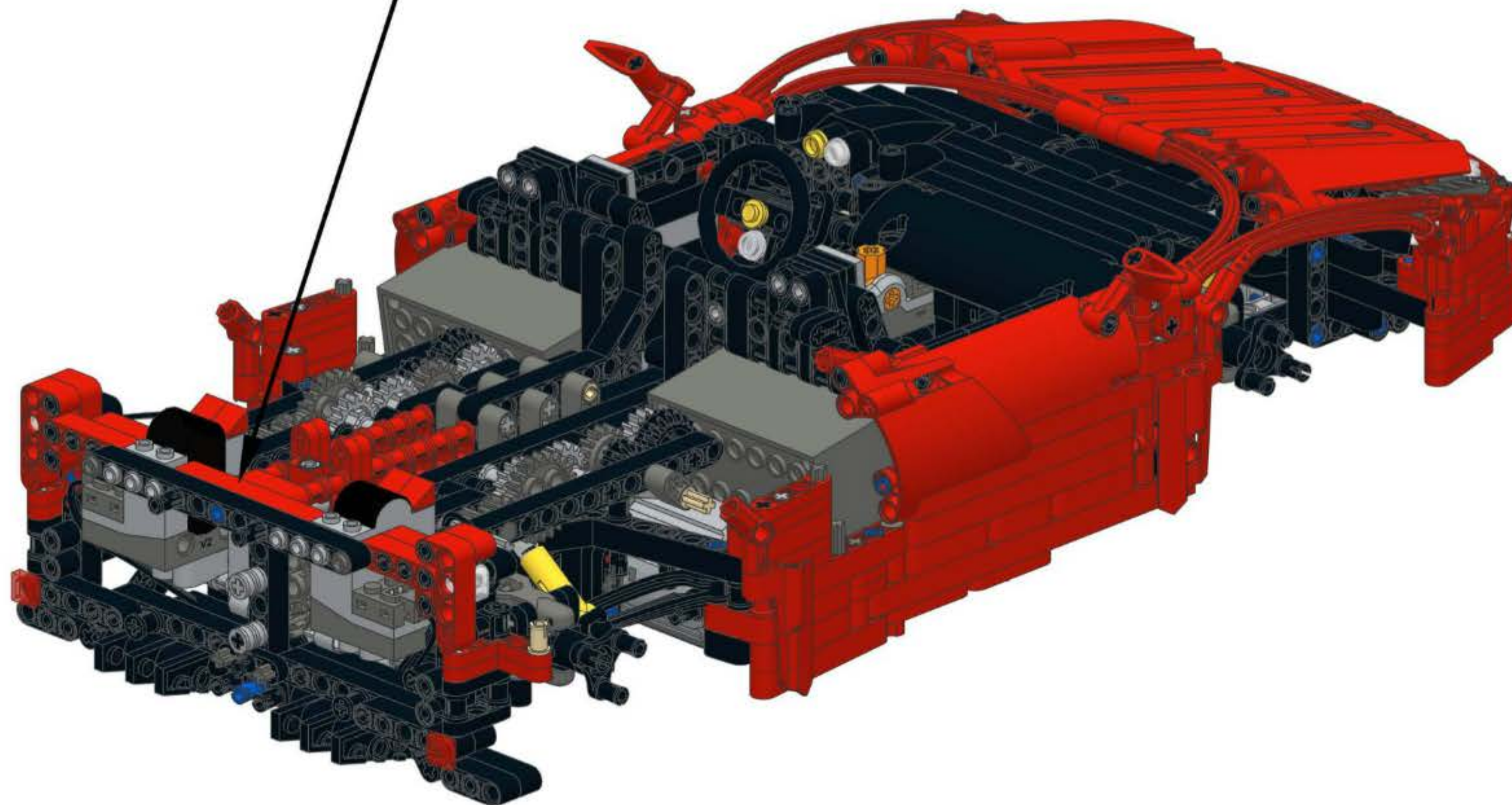
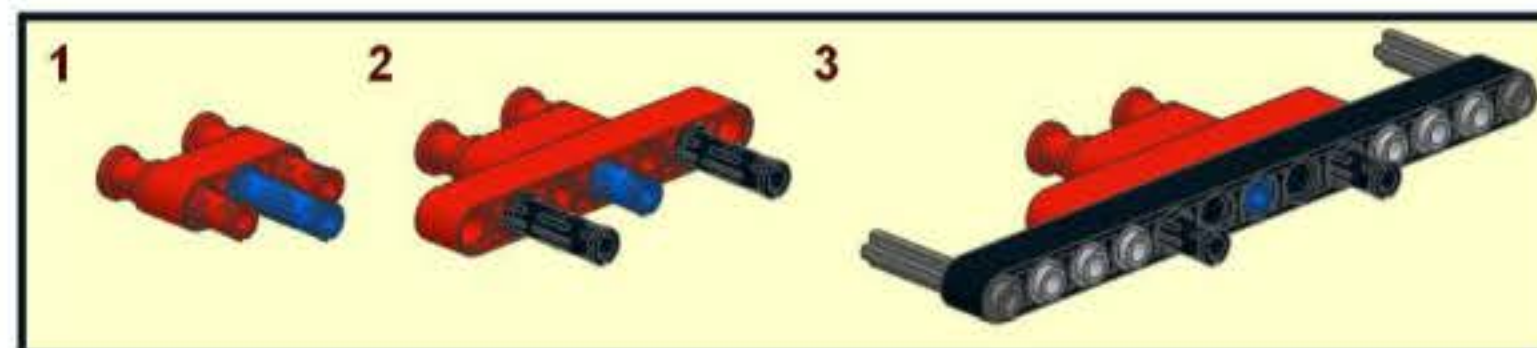
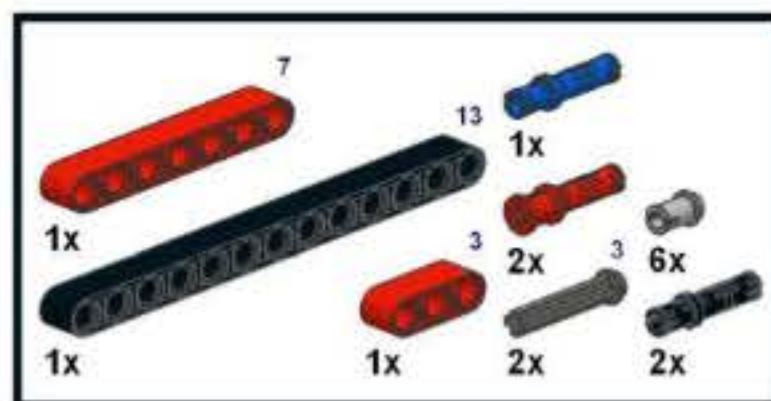
This step shows where to put the LED which must be installed when the bumper is attached to the chassis.



Attach the rear LEDs to the bumper now.

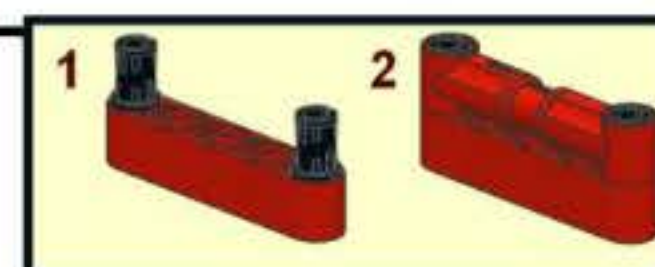
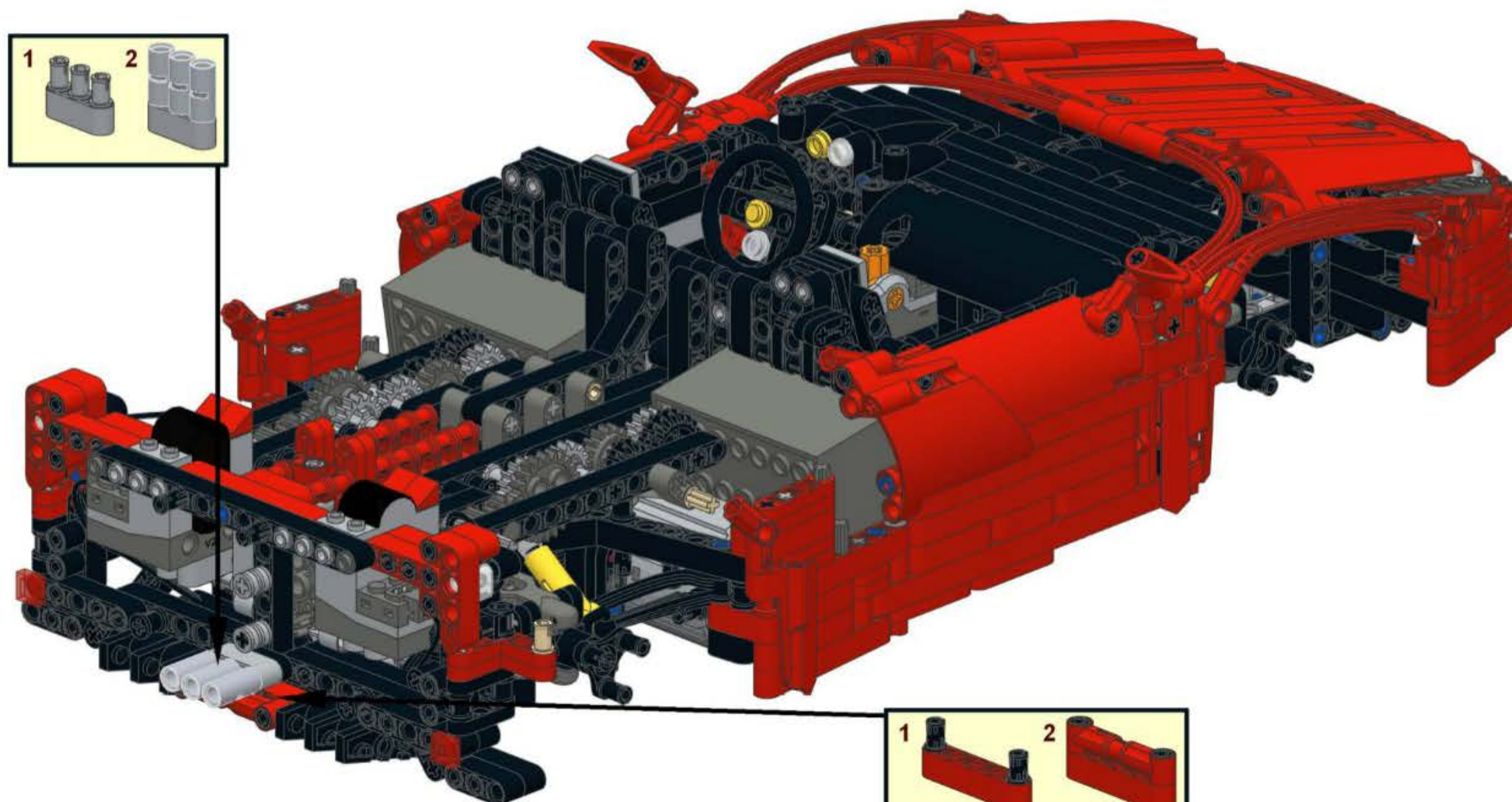
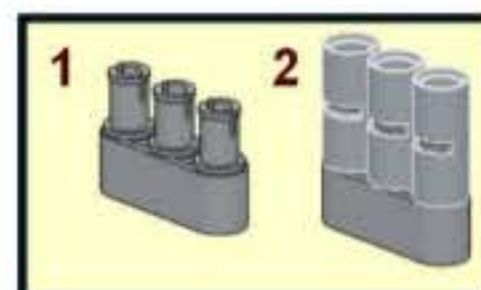
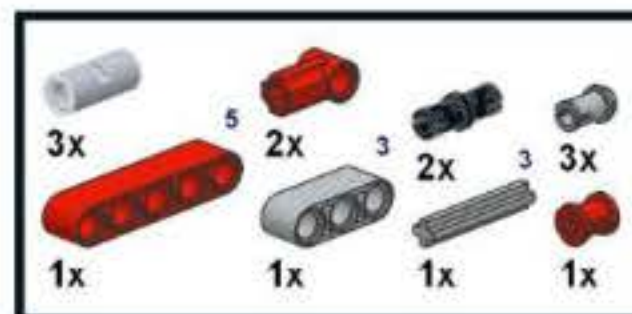
Red Spider

94



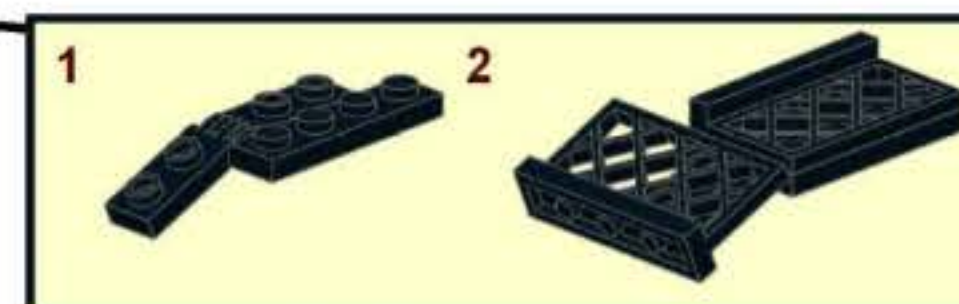
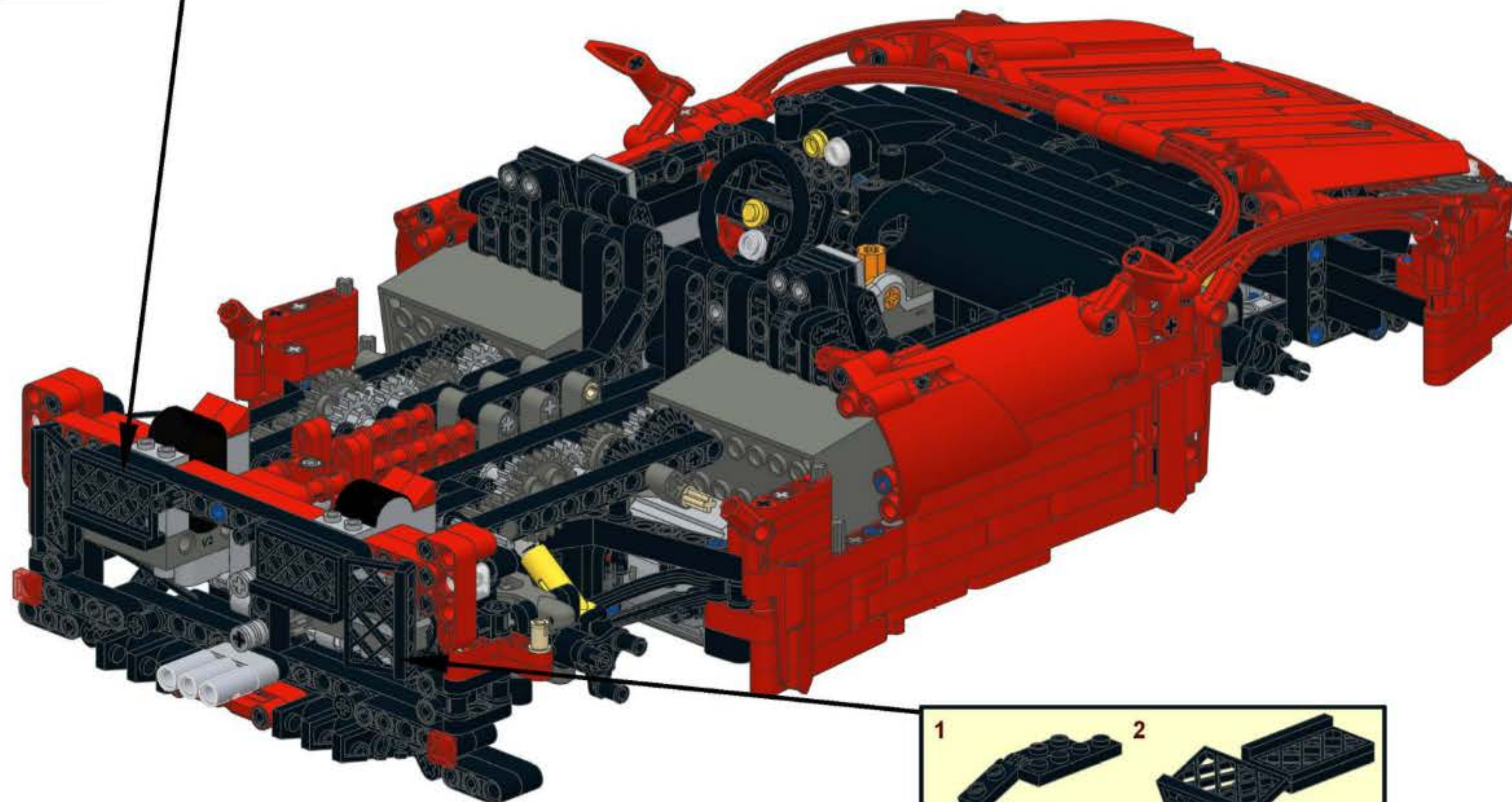
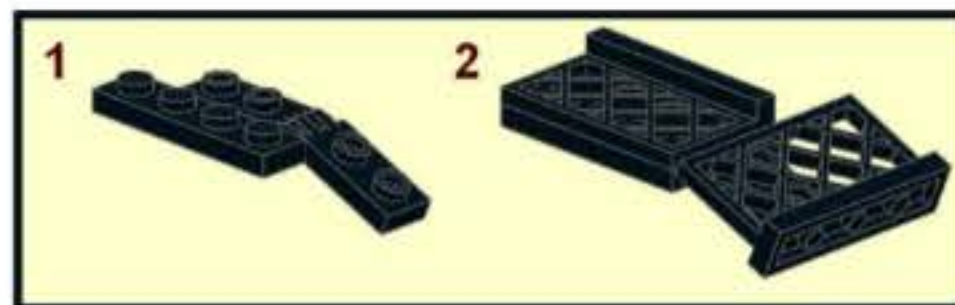
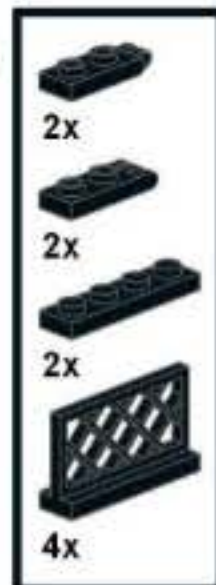
Red Spider

95

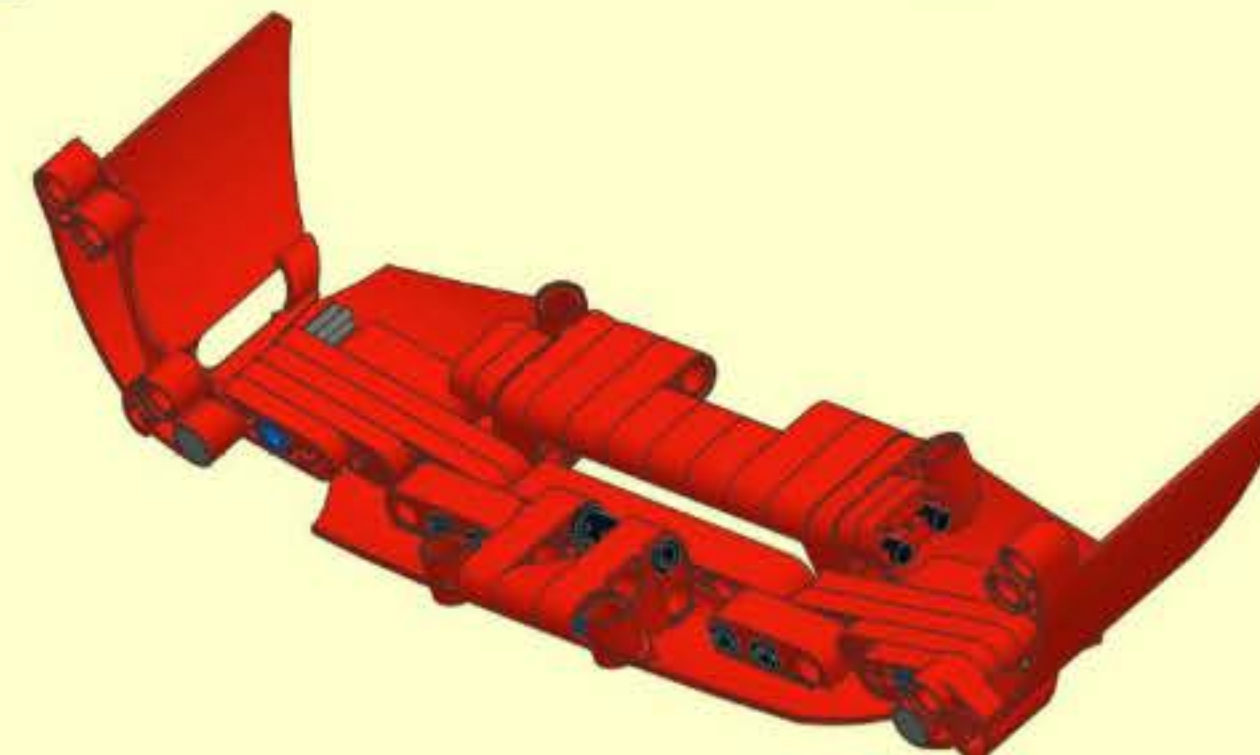
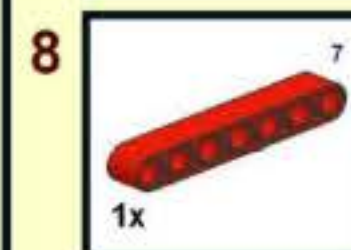
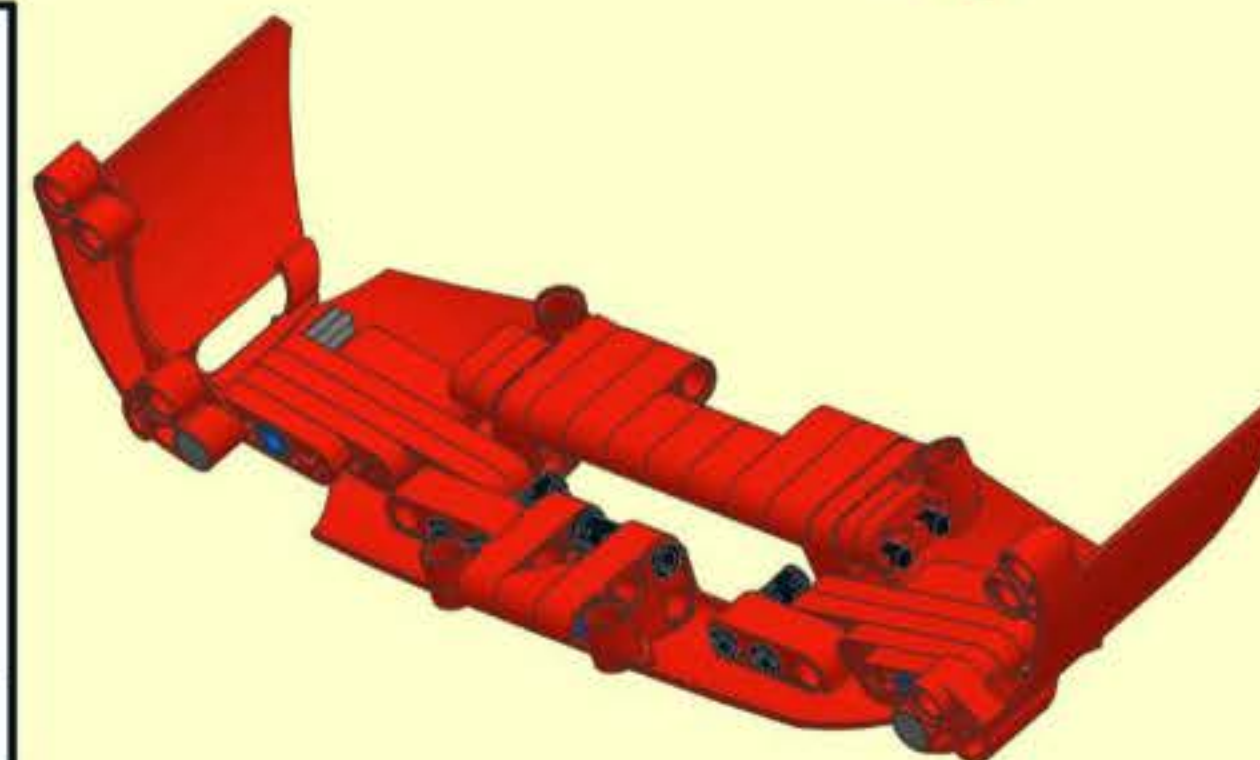
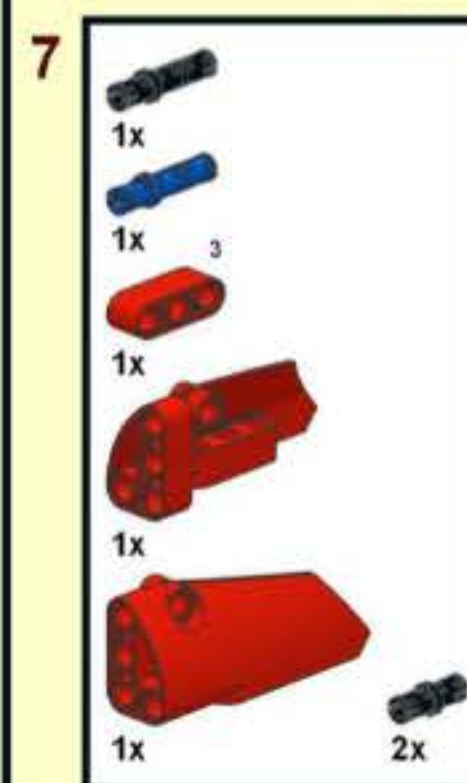
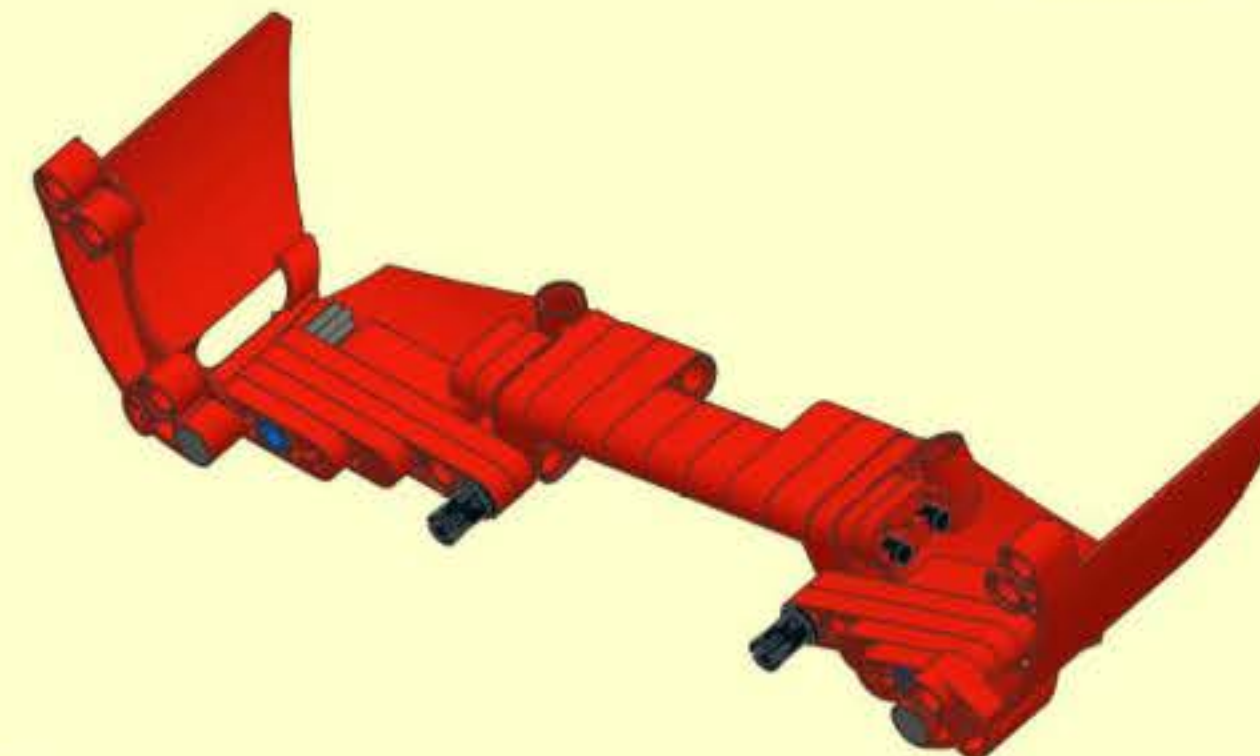
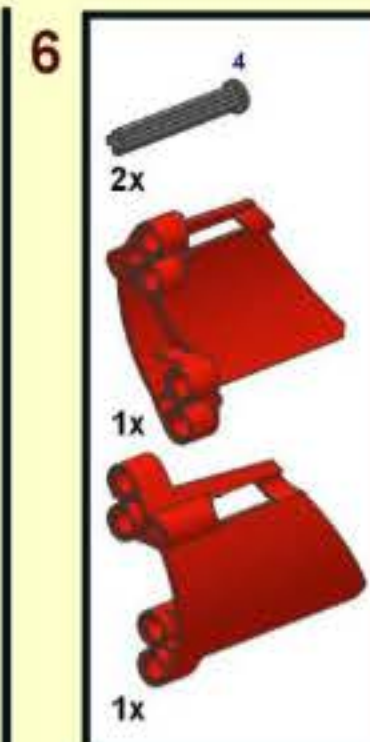
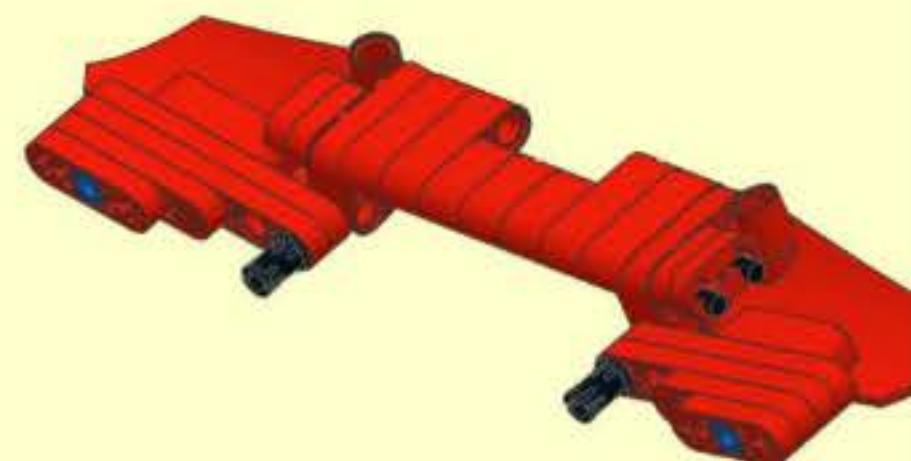
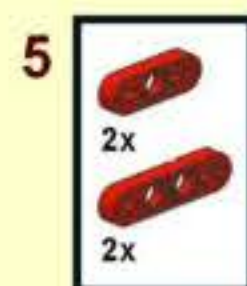
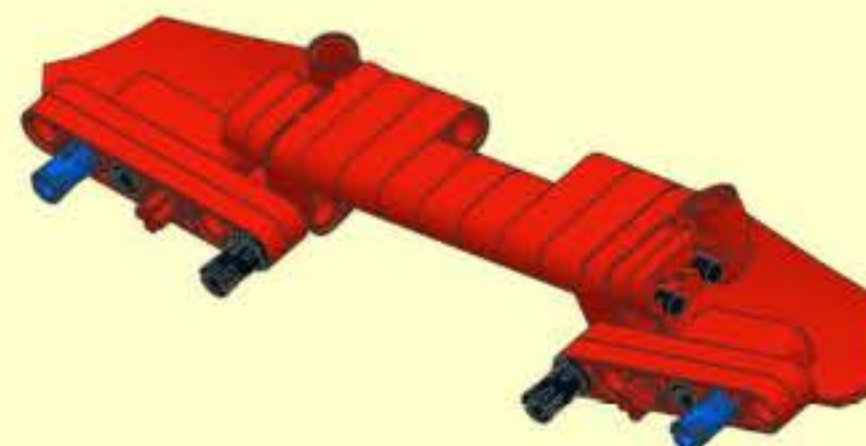
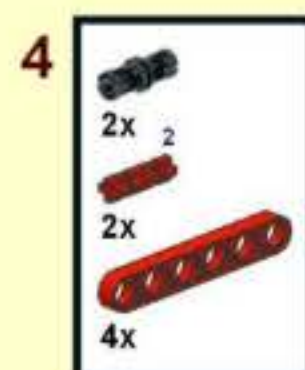
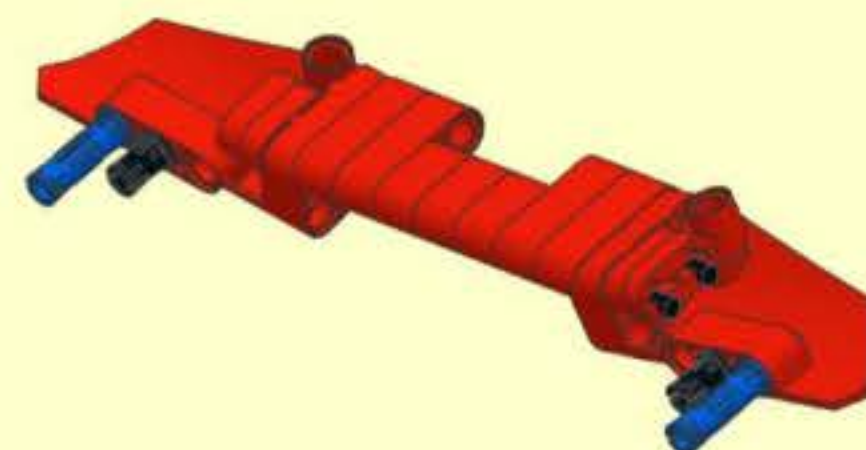
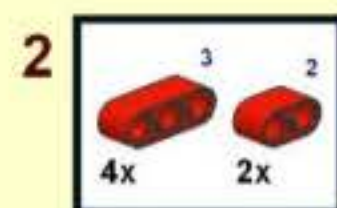
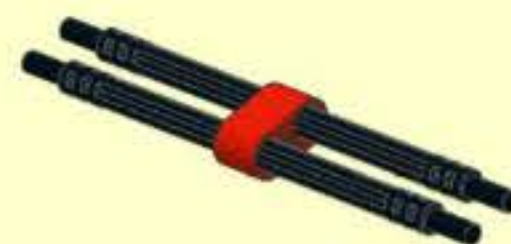


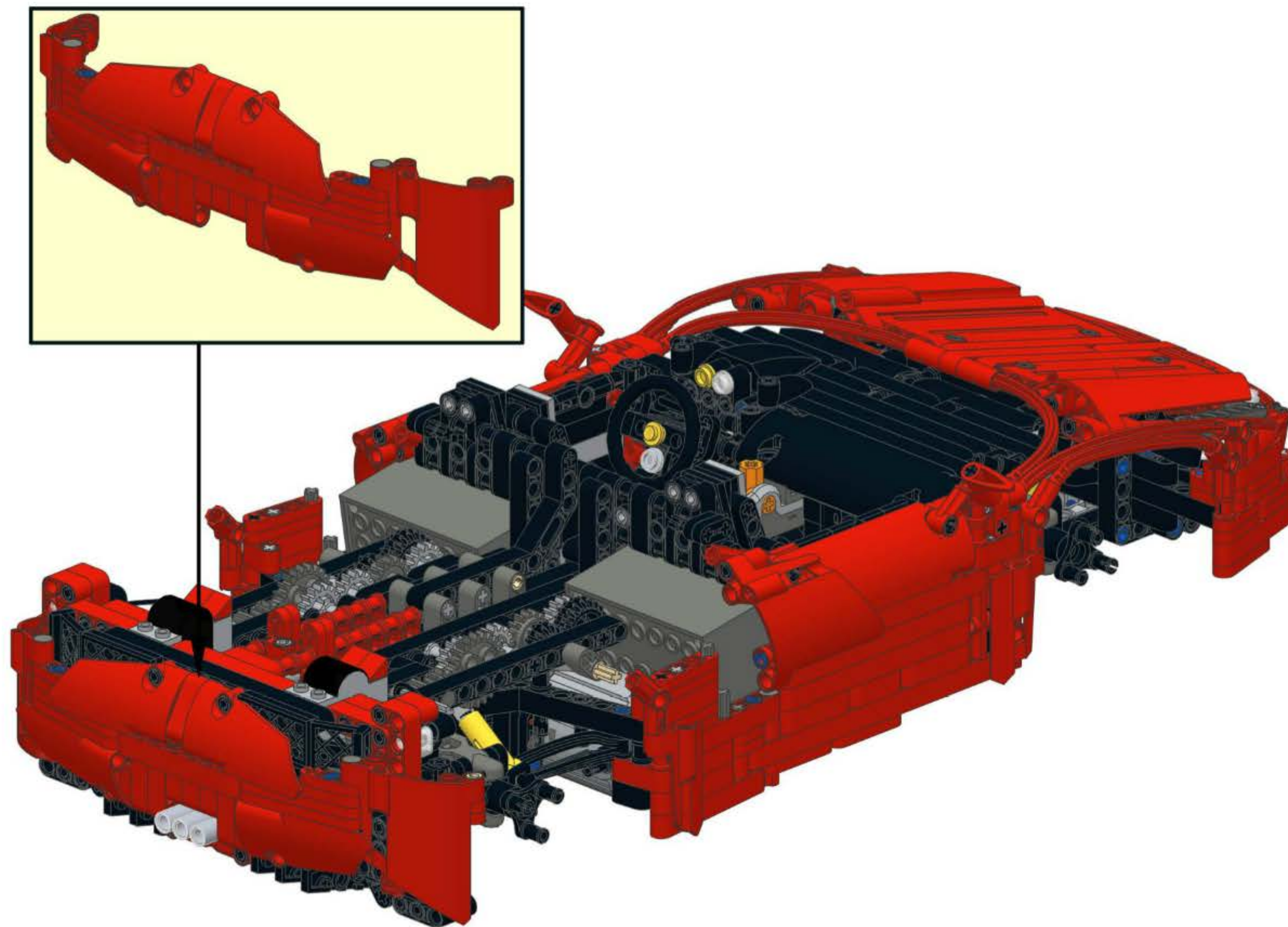
Red Spider

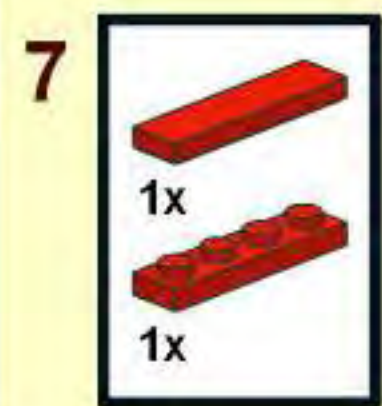
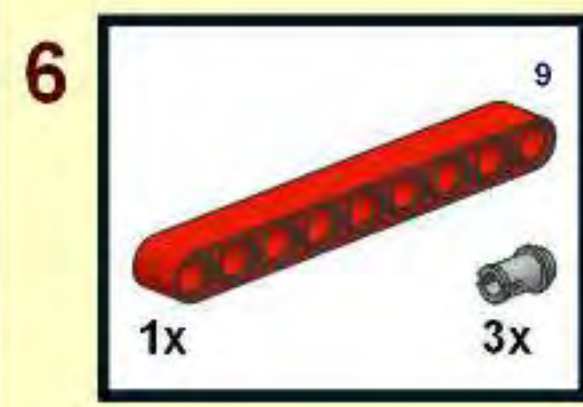
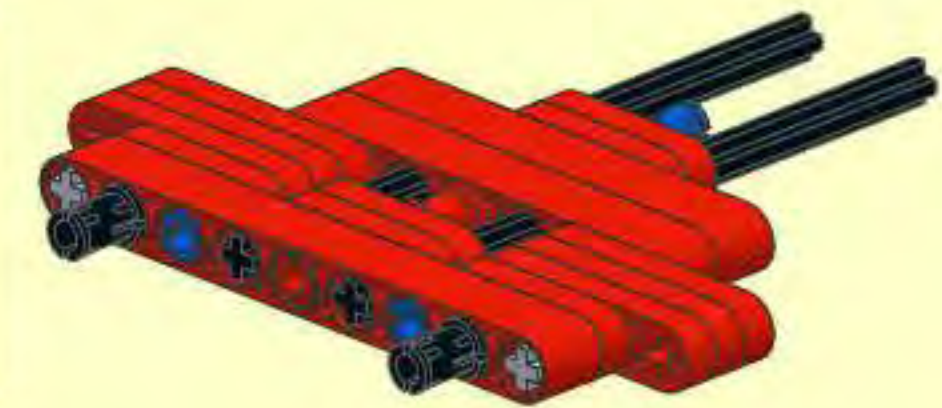
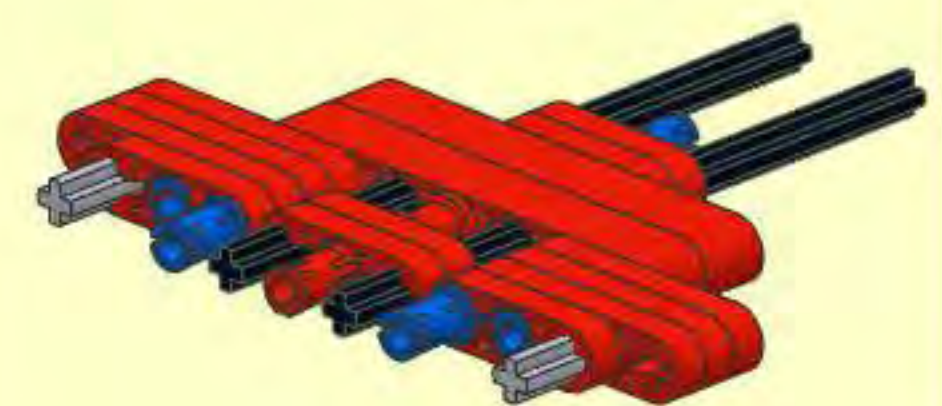
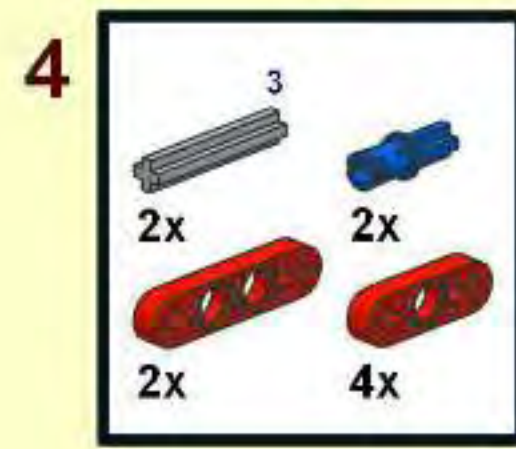
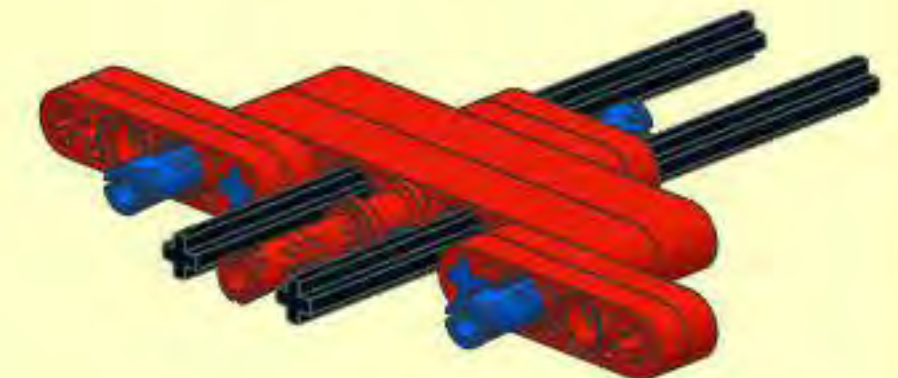
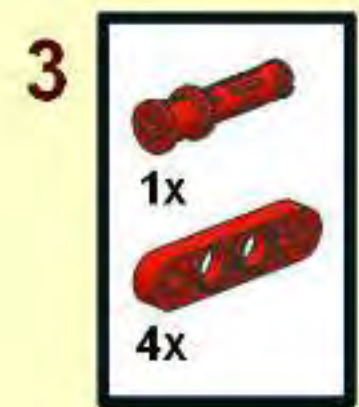
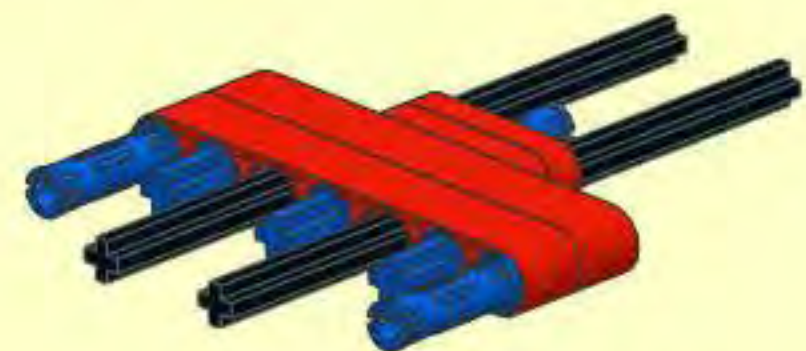
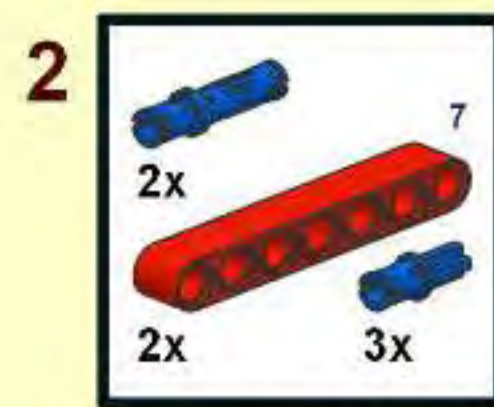
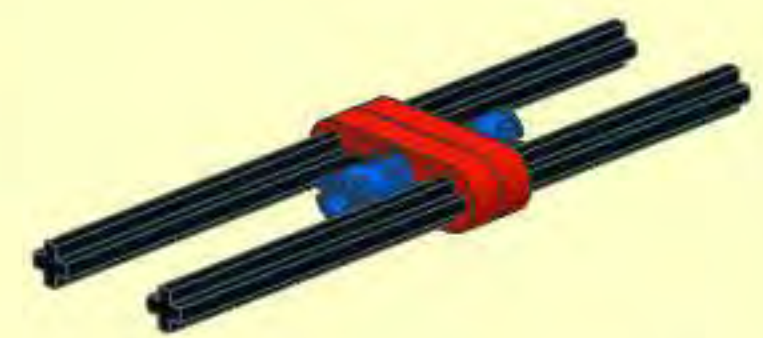
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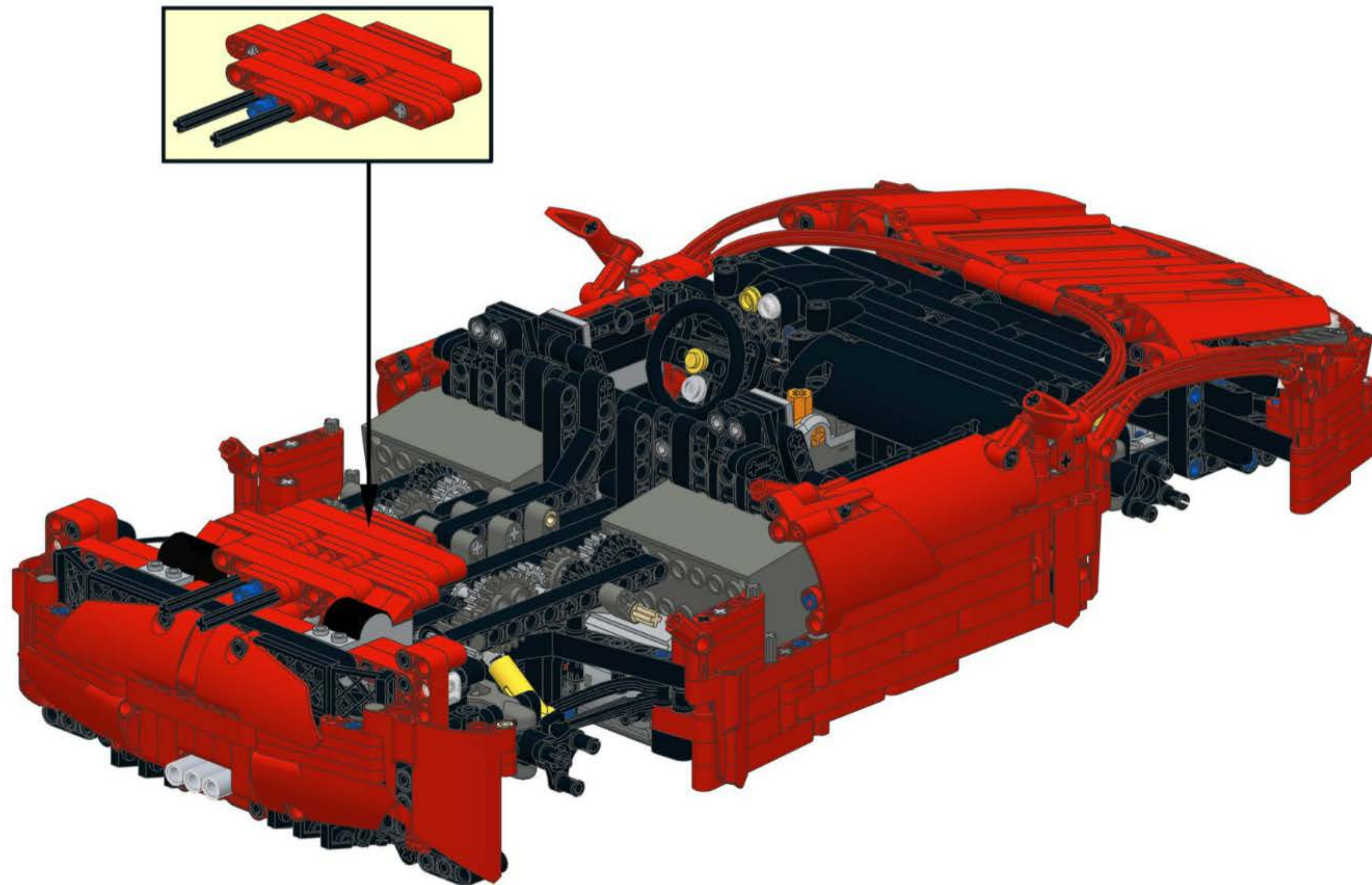


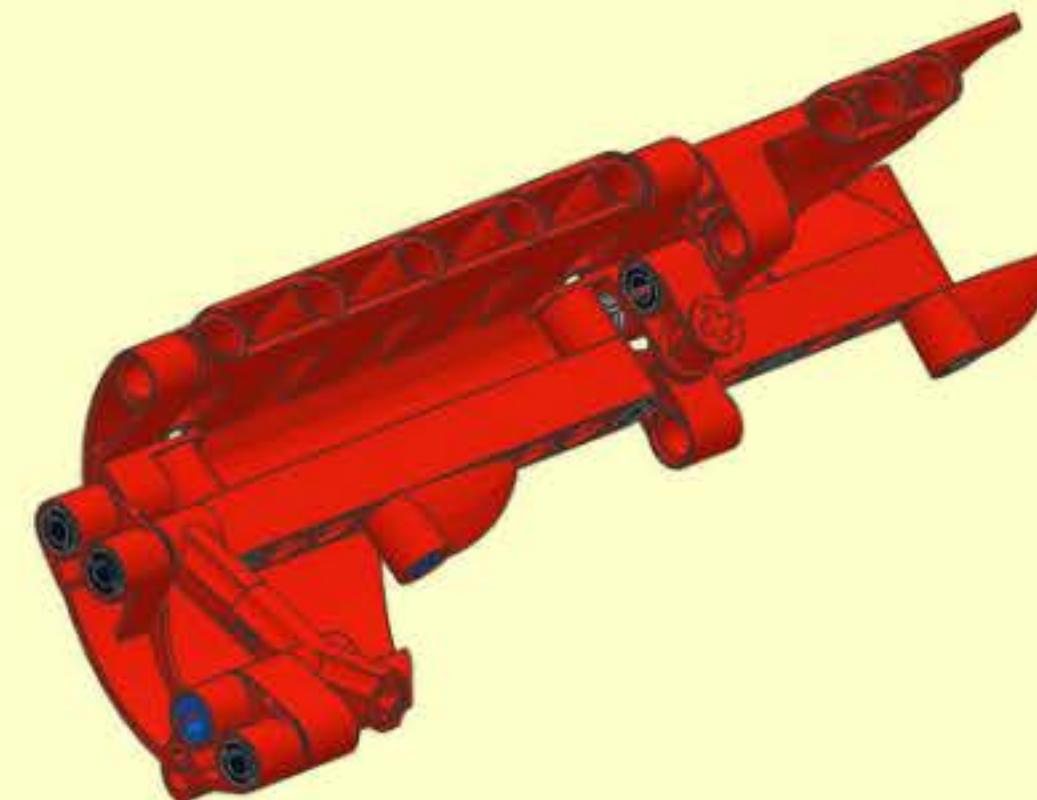
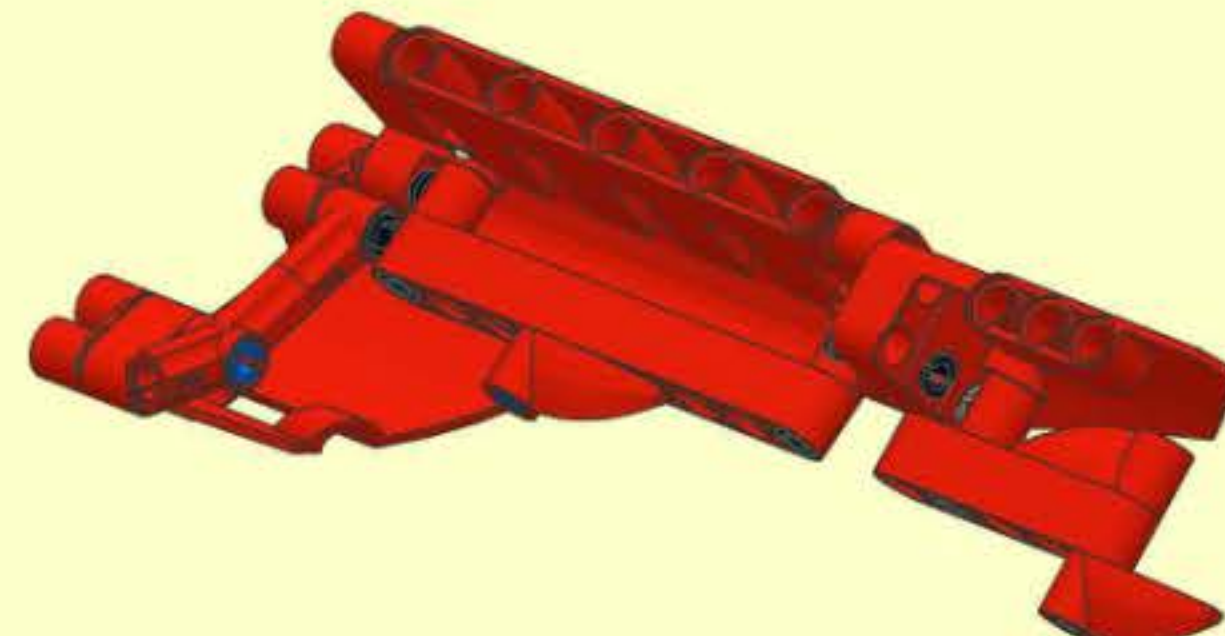
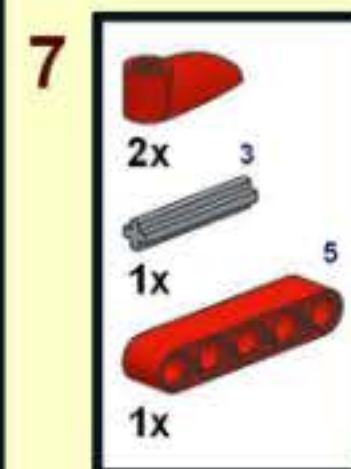
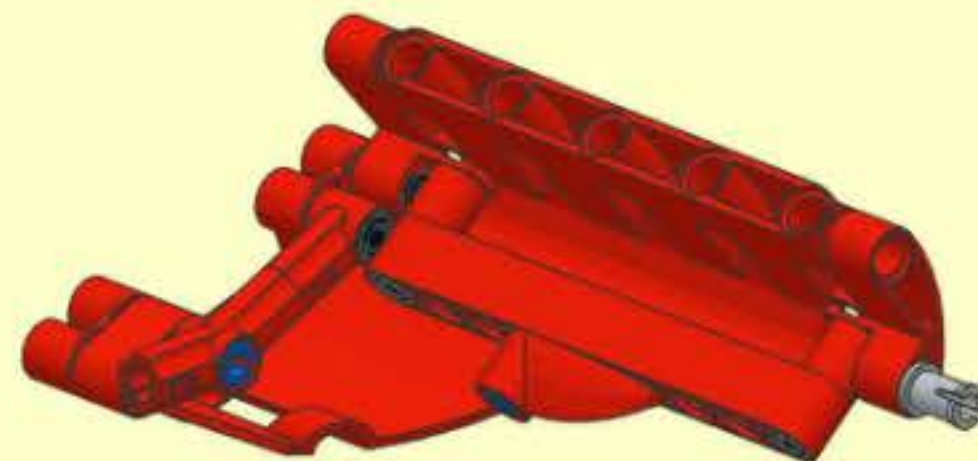
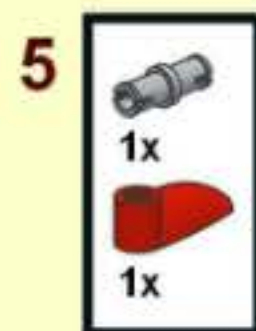
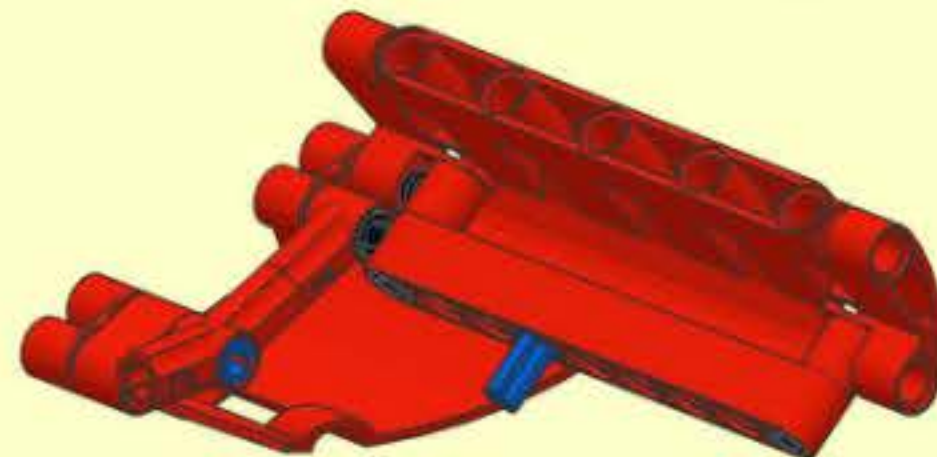
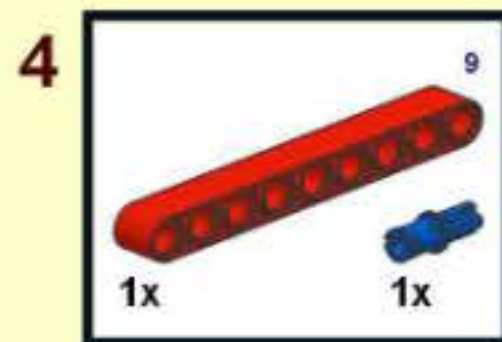
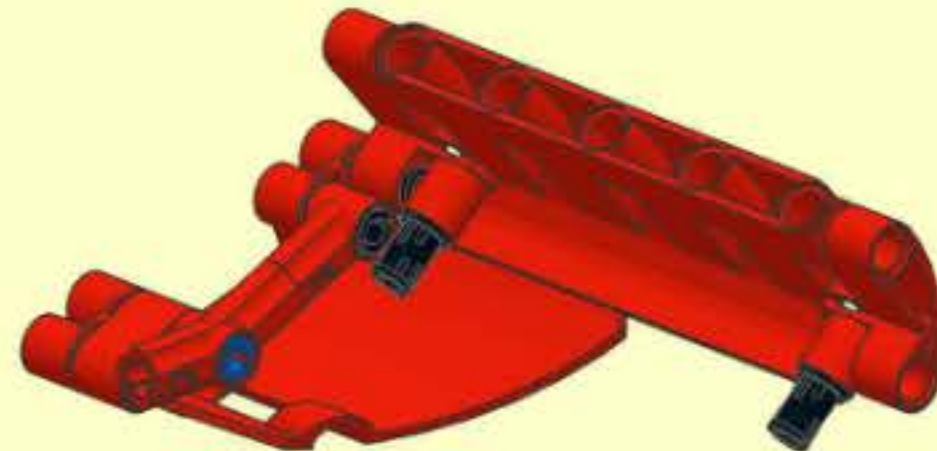
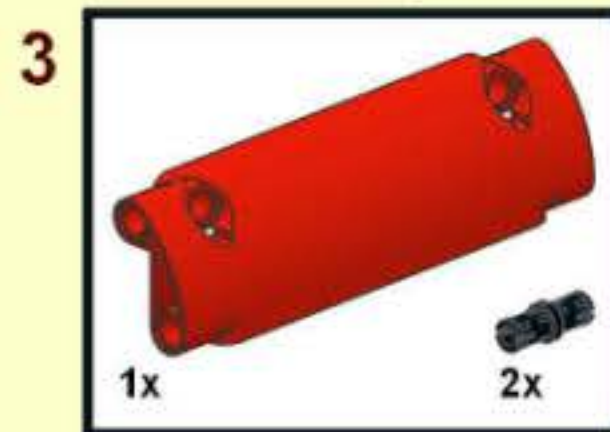
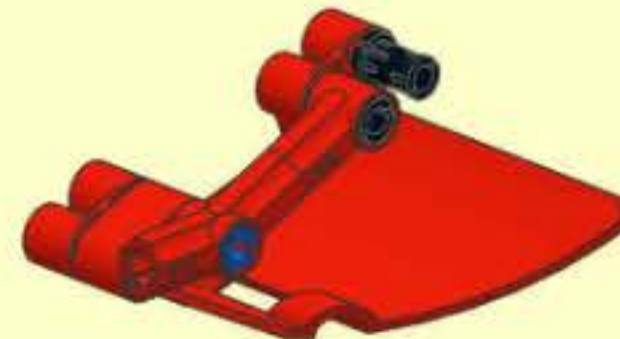
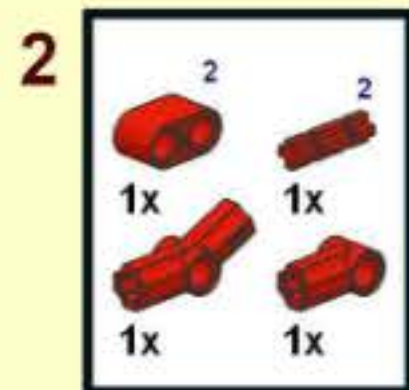
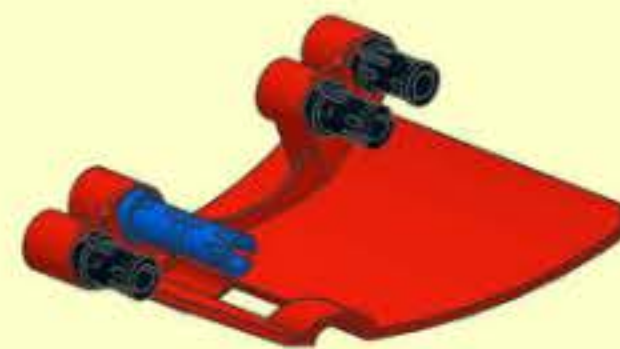
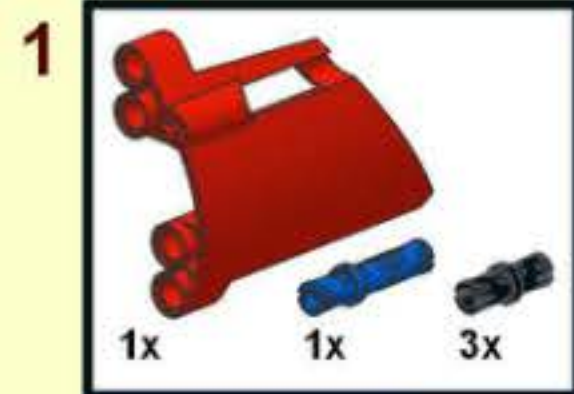
Red Spider

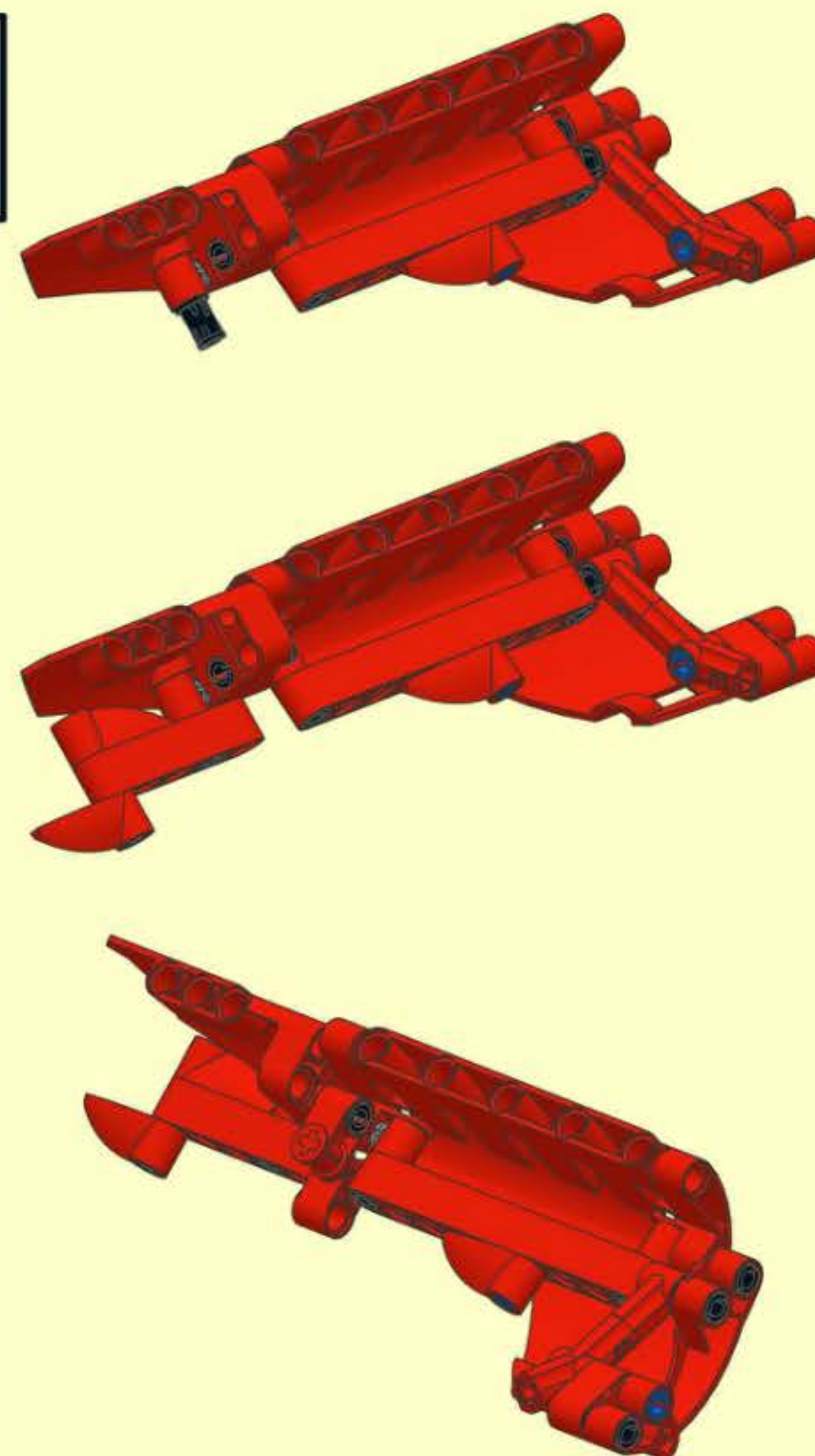
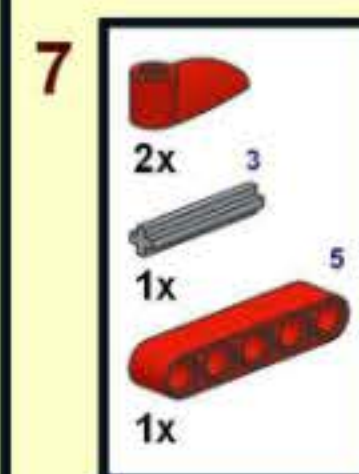
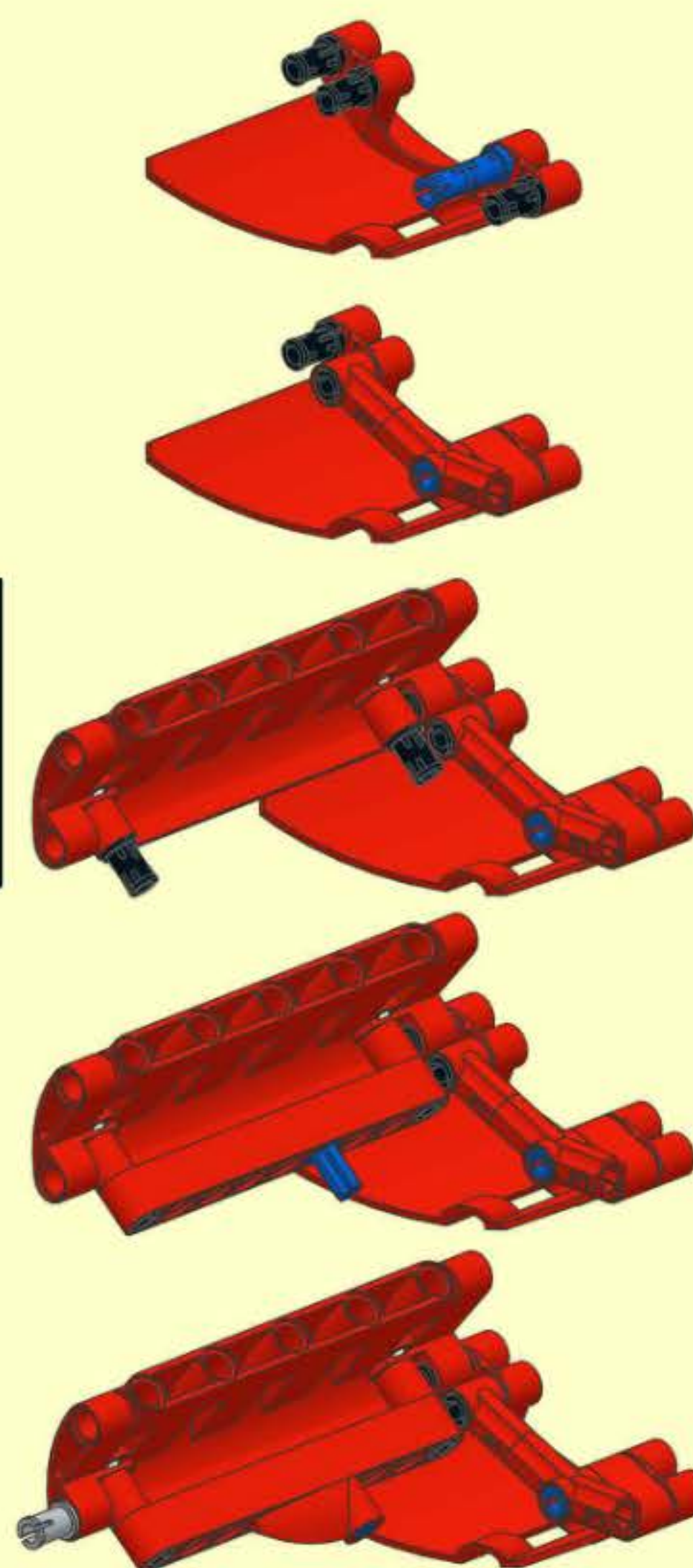
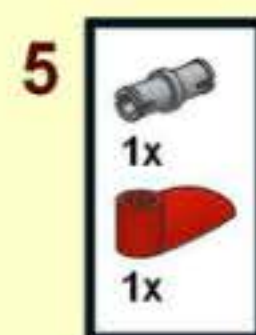
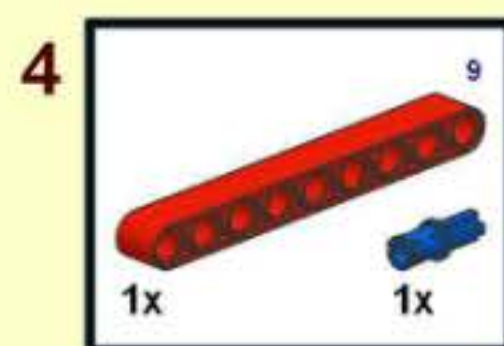
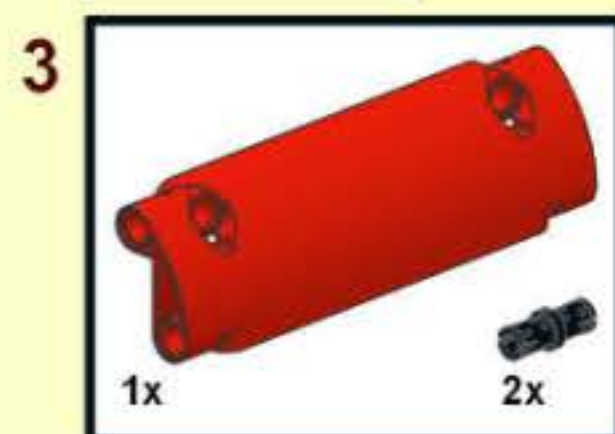
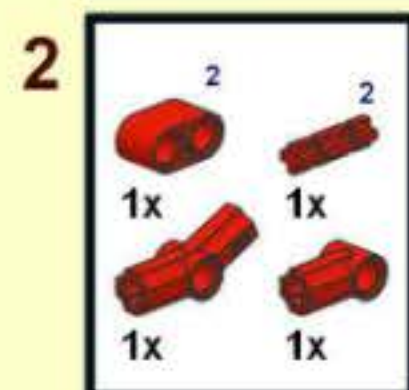
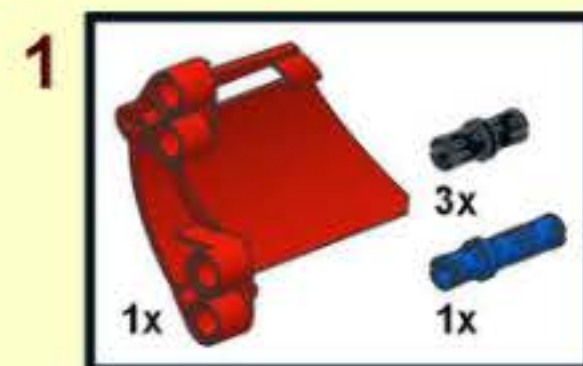


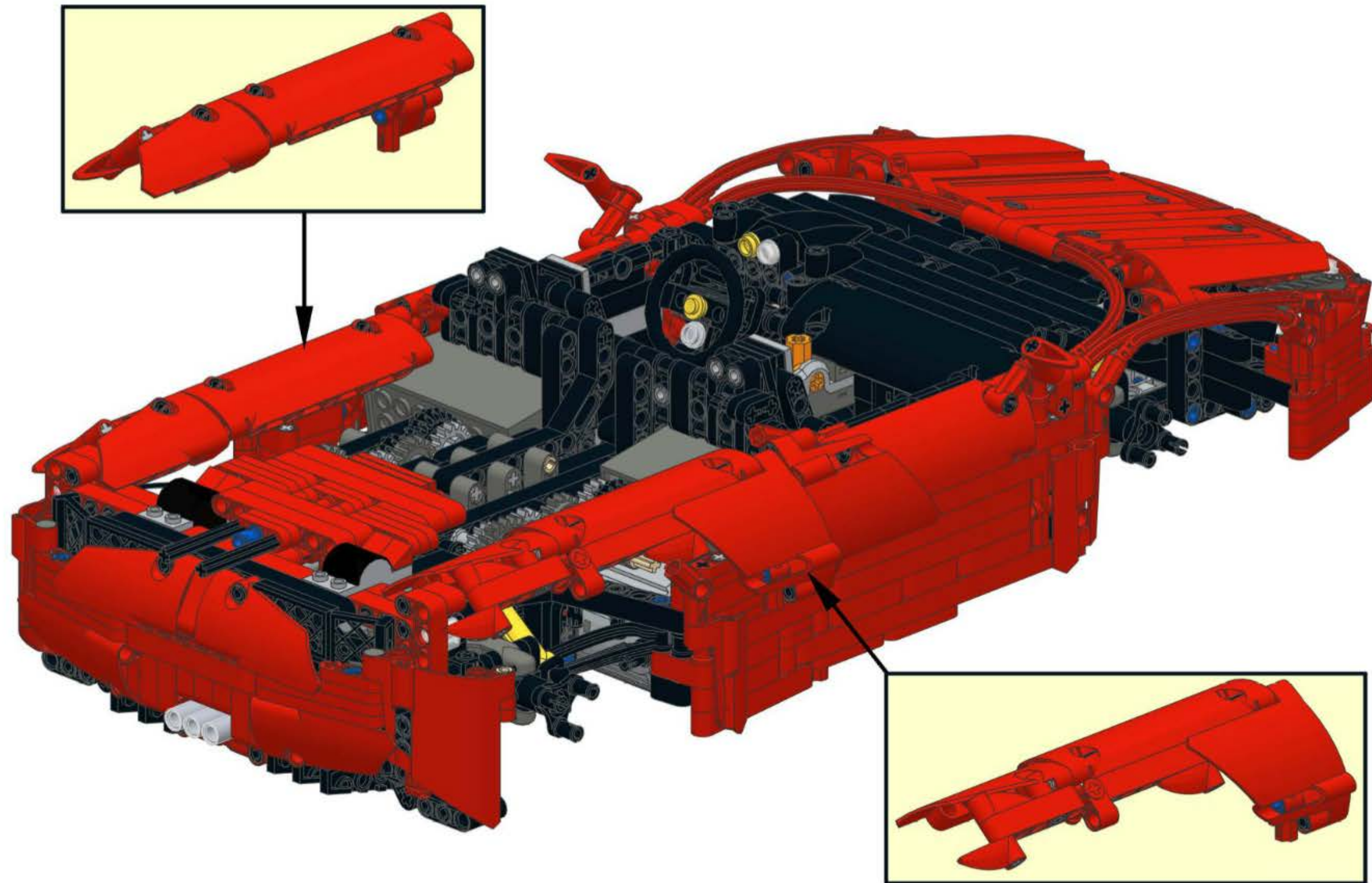






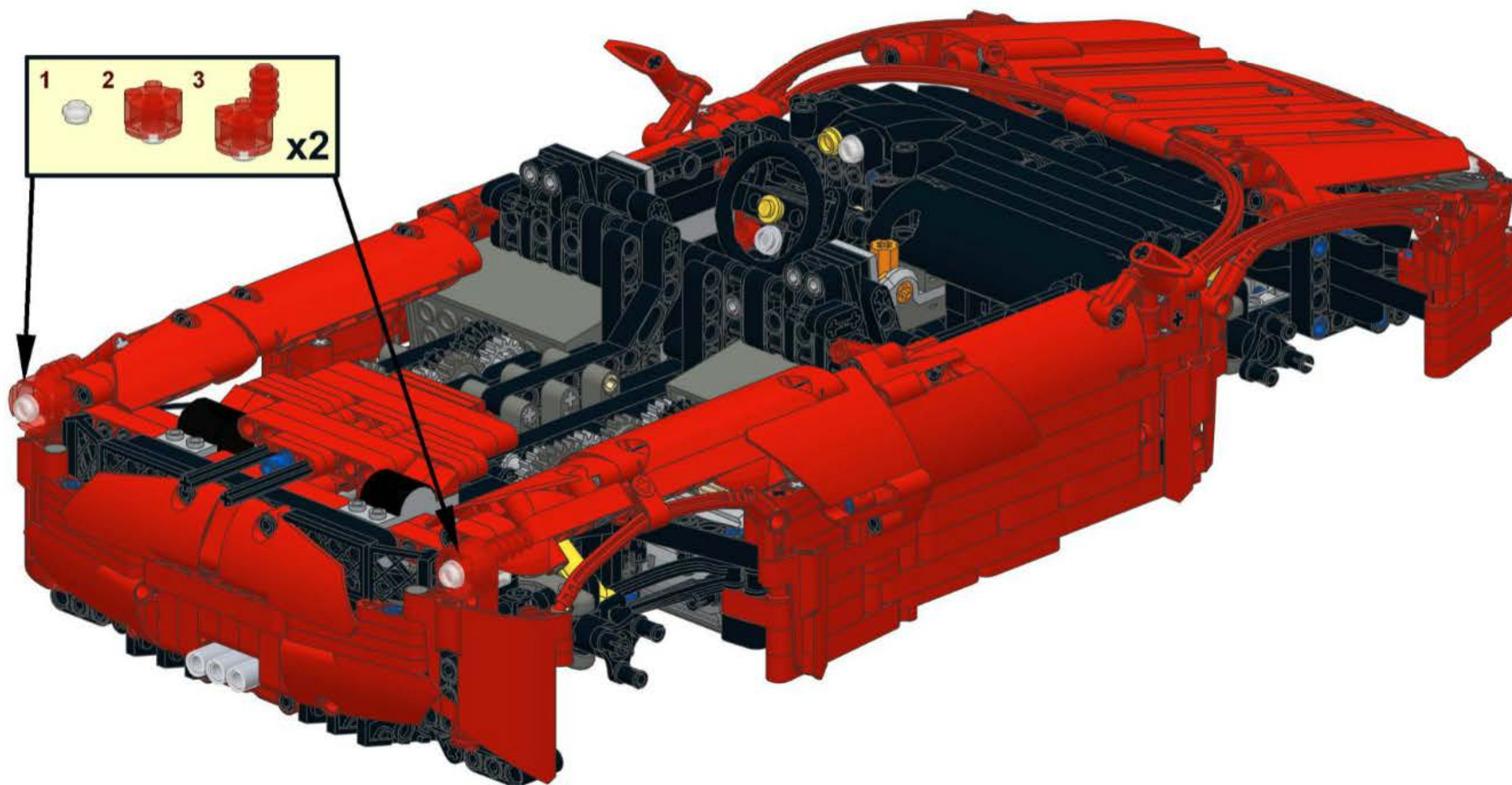
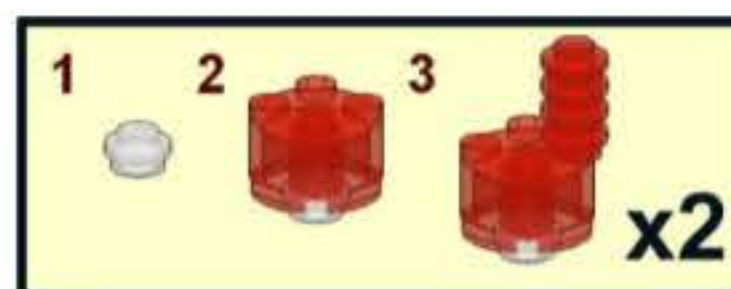
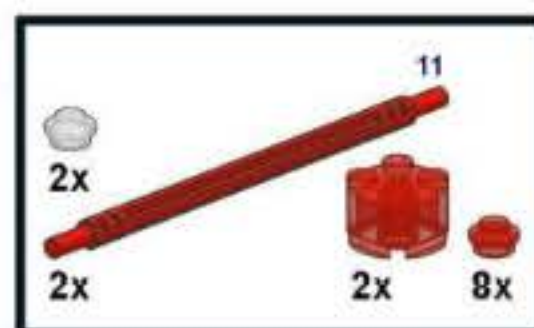






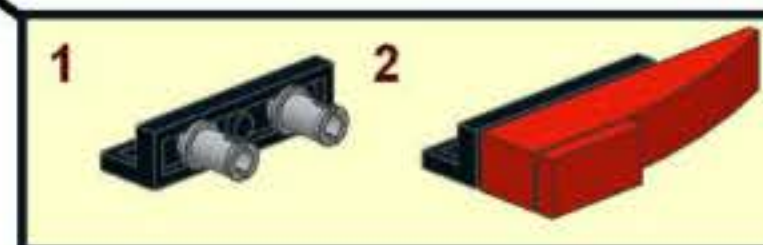
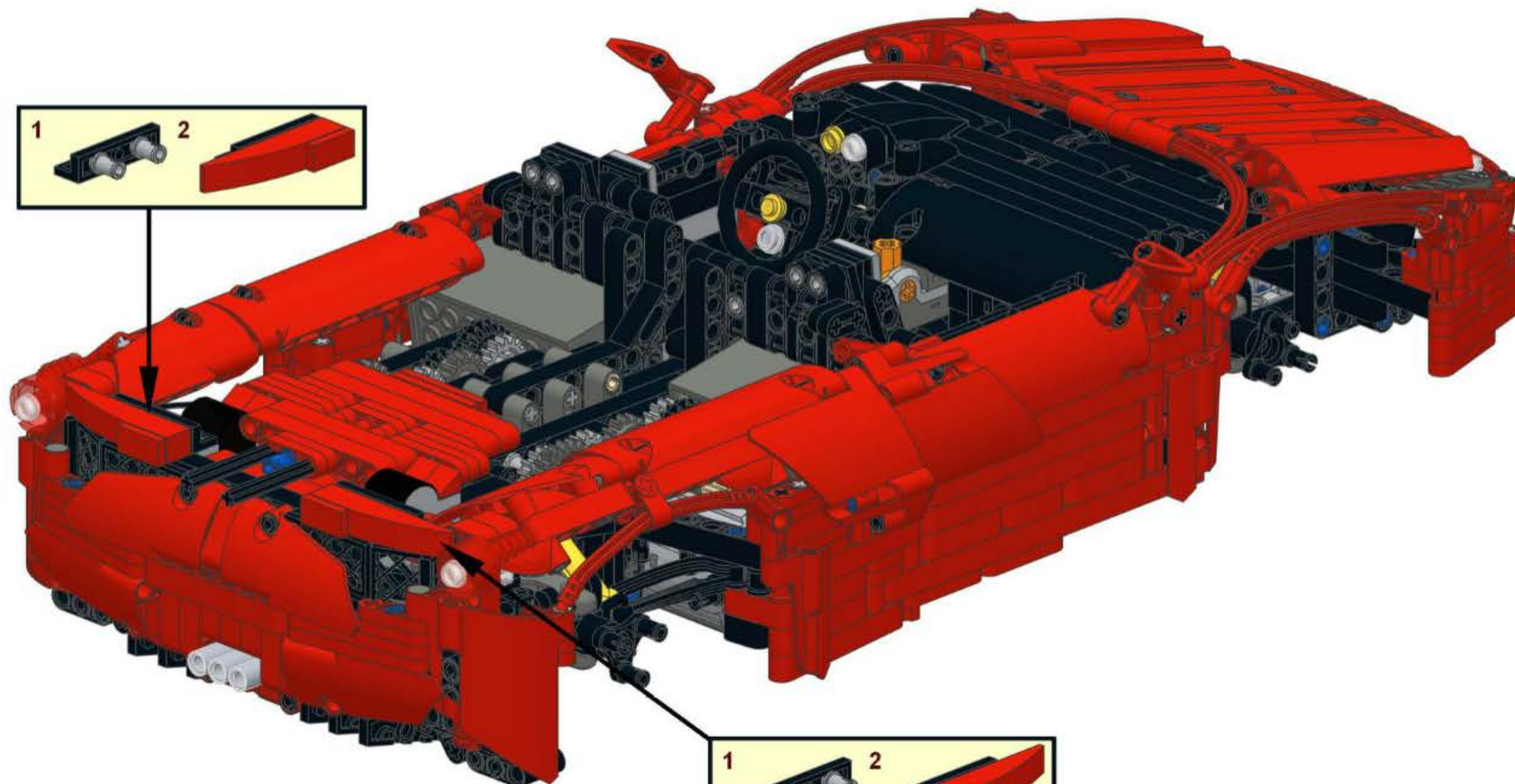
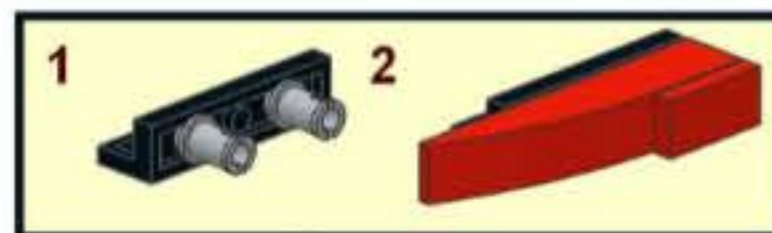
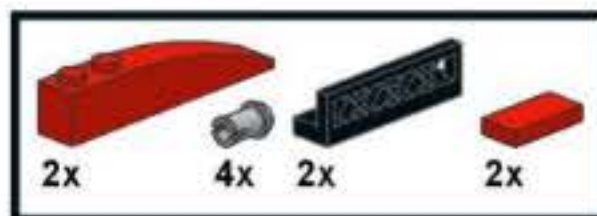
Red Spider

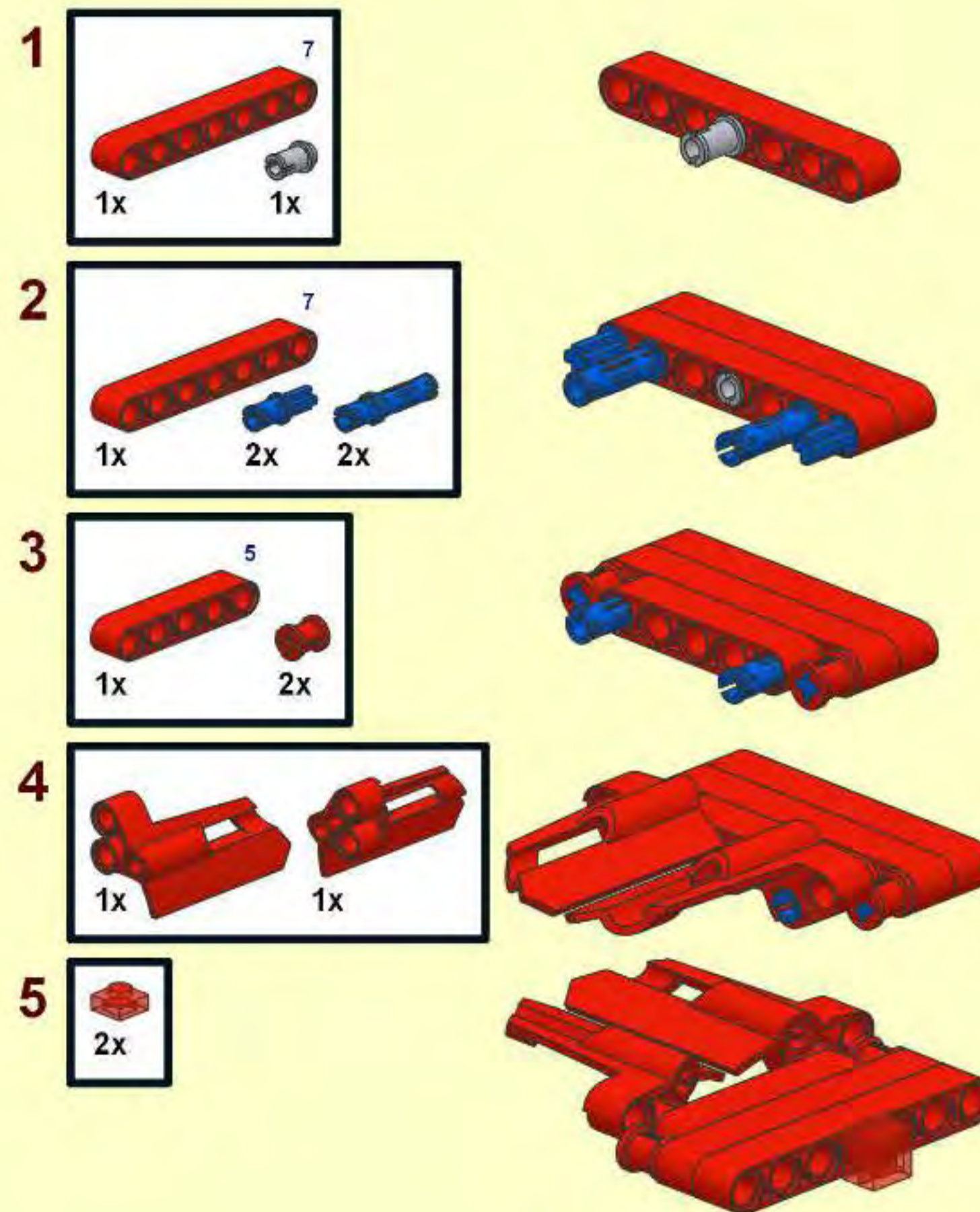
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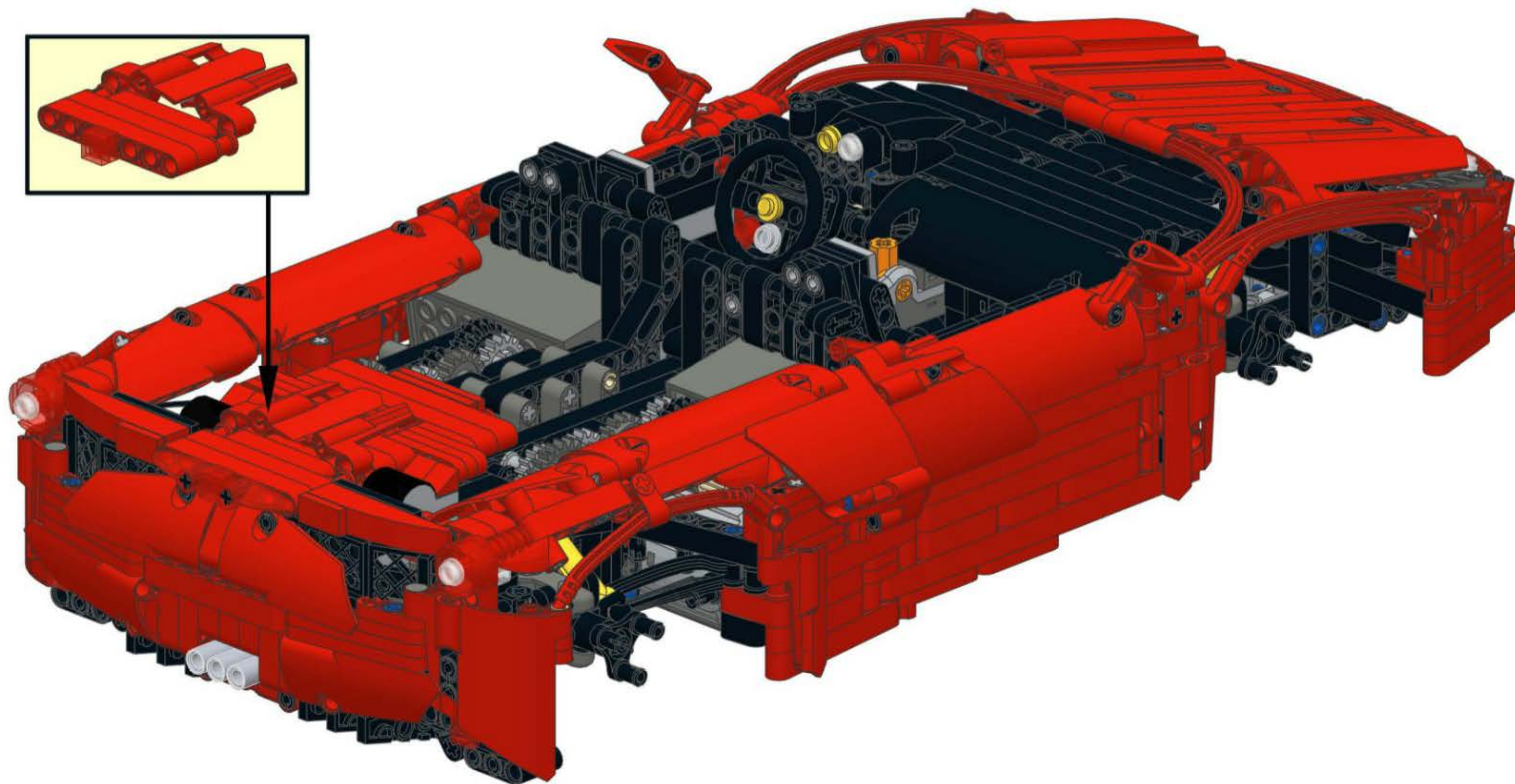


Red Spider

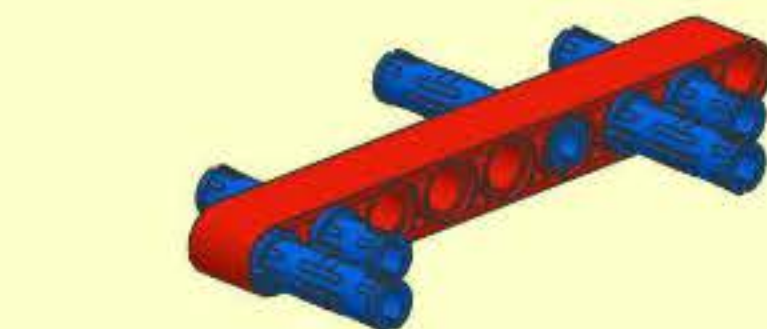
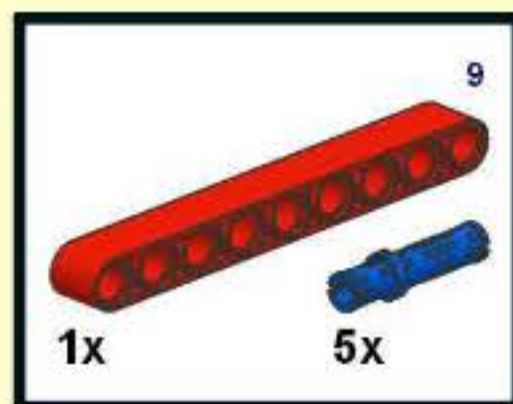
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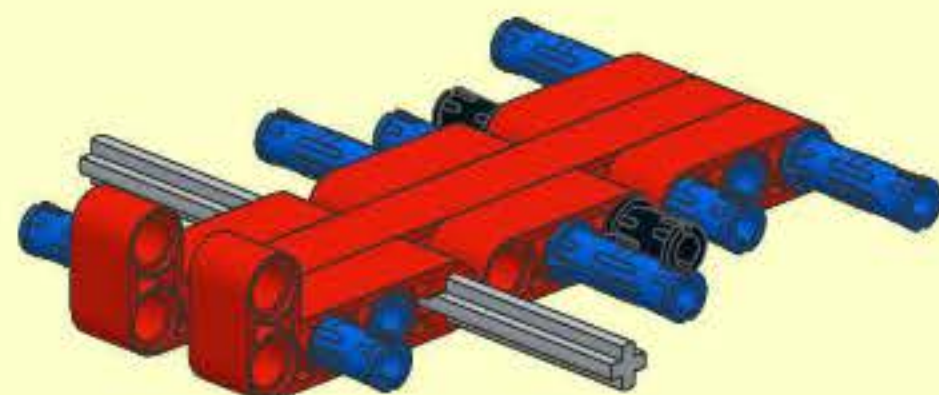
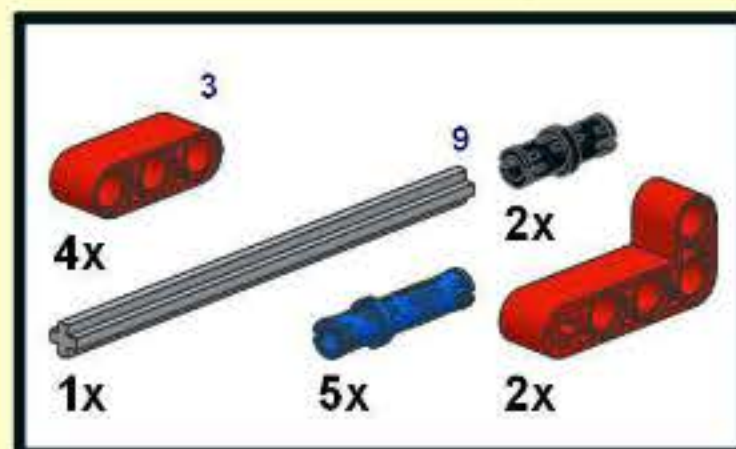




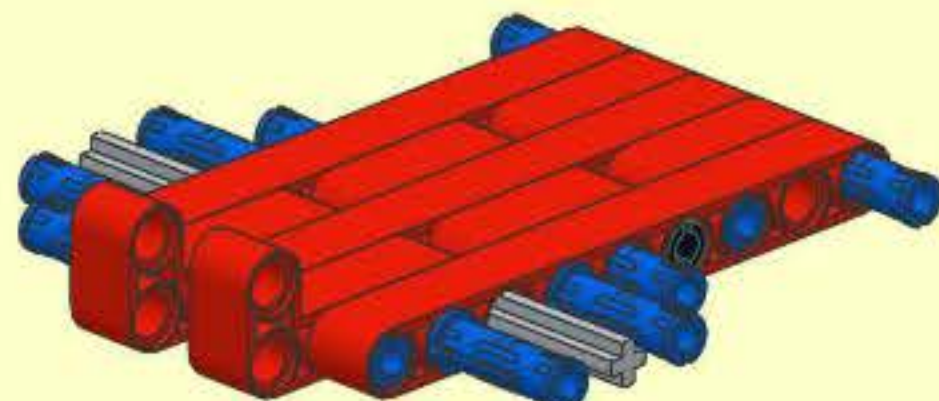
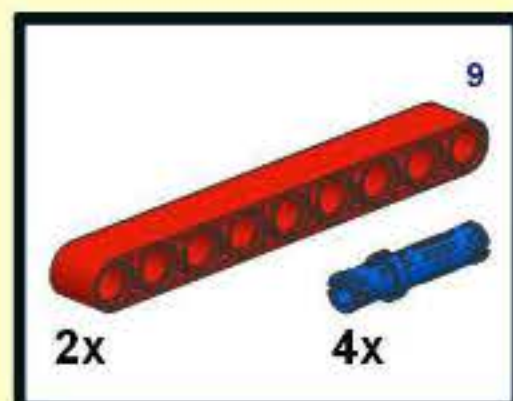
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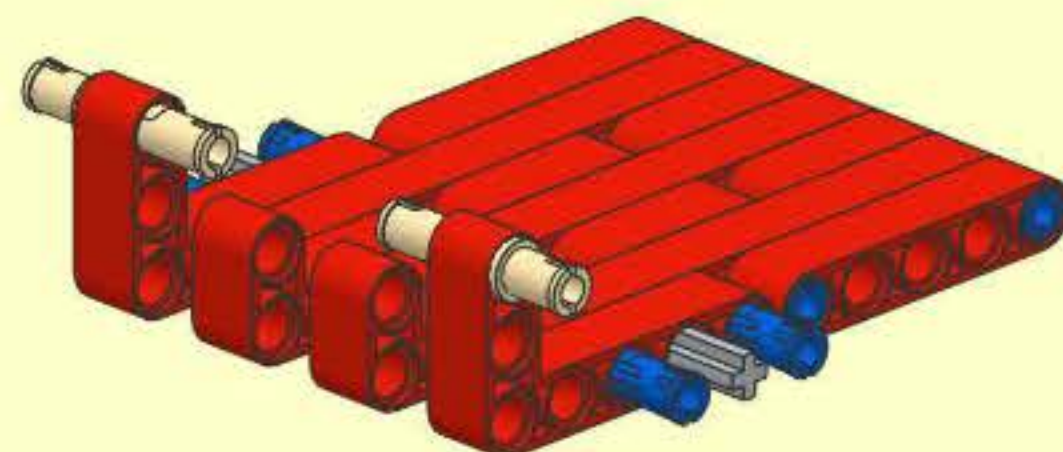
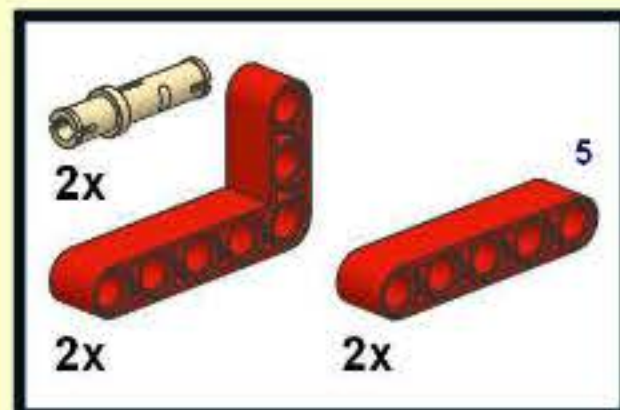
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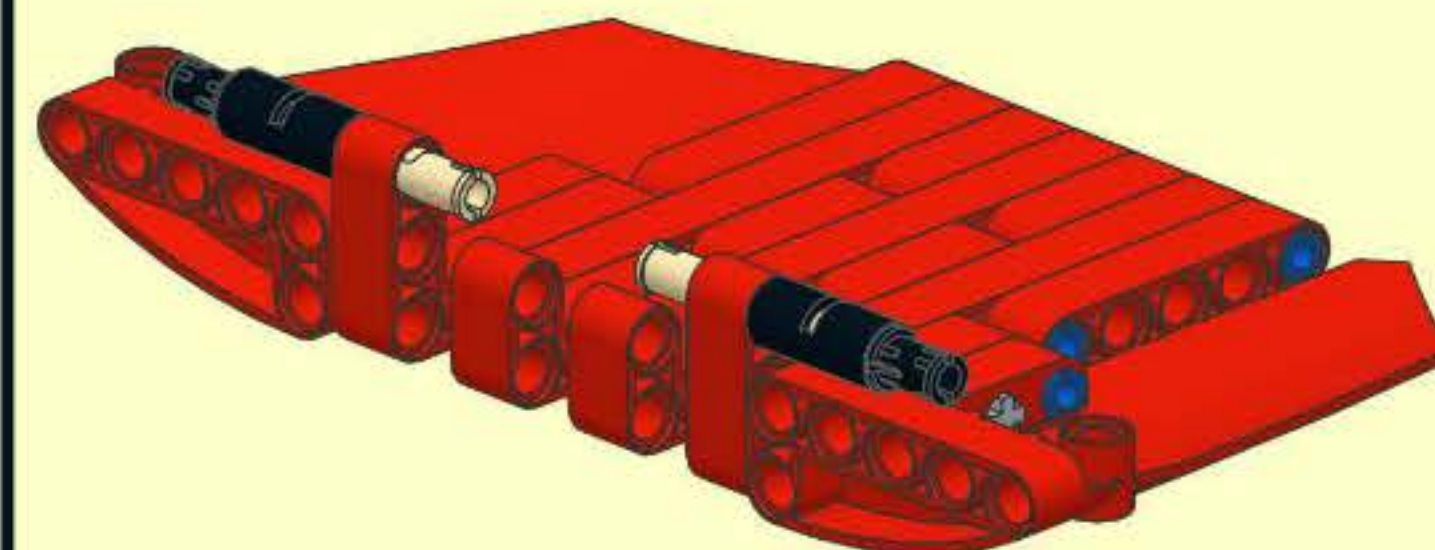
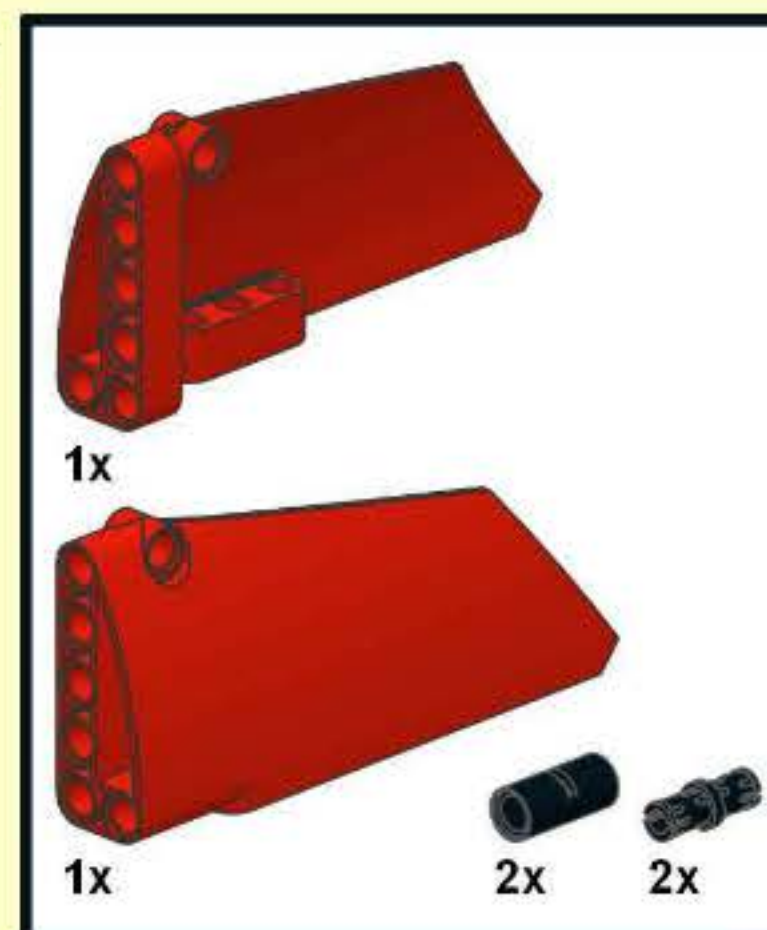
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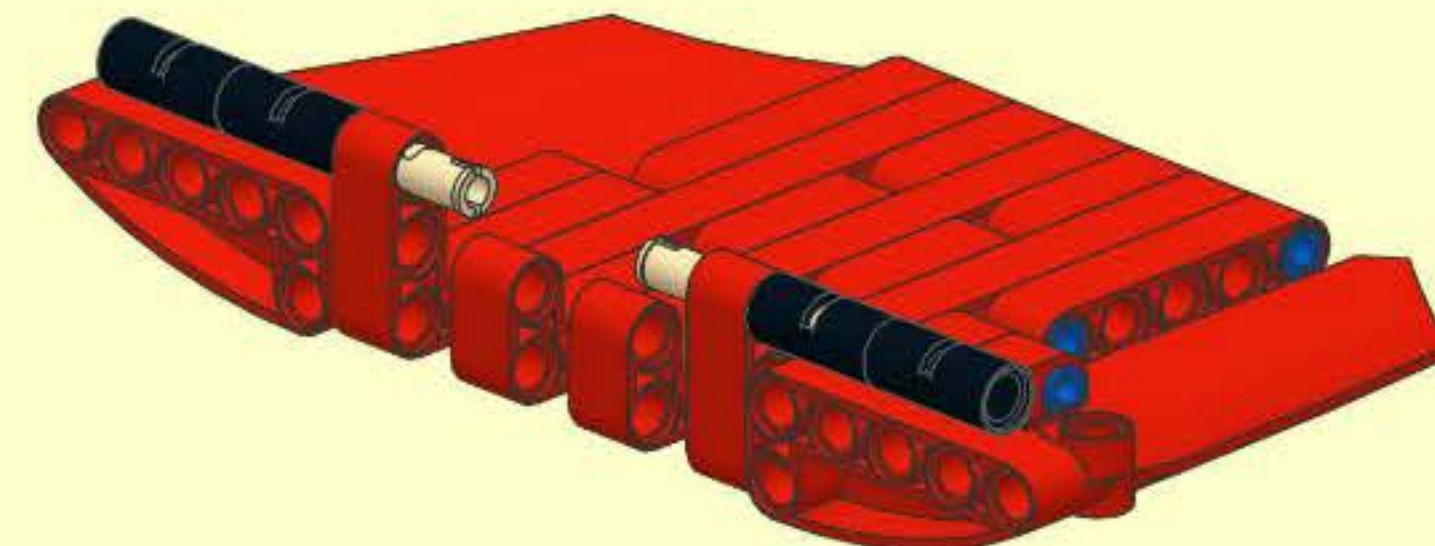
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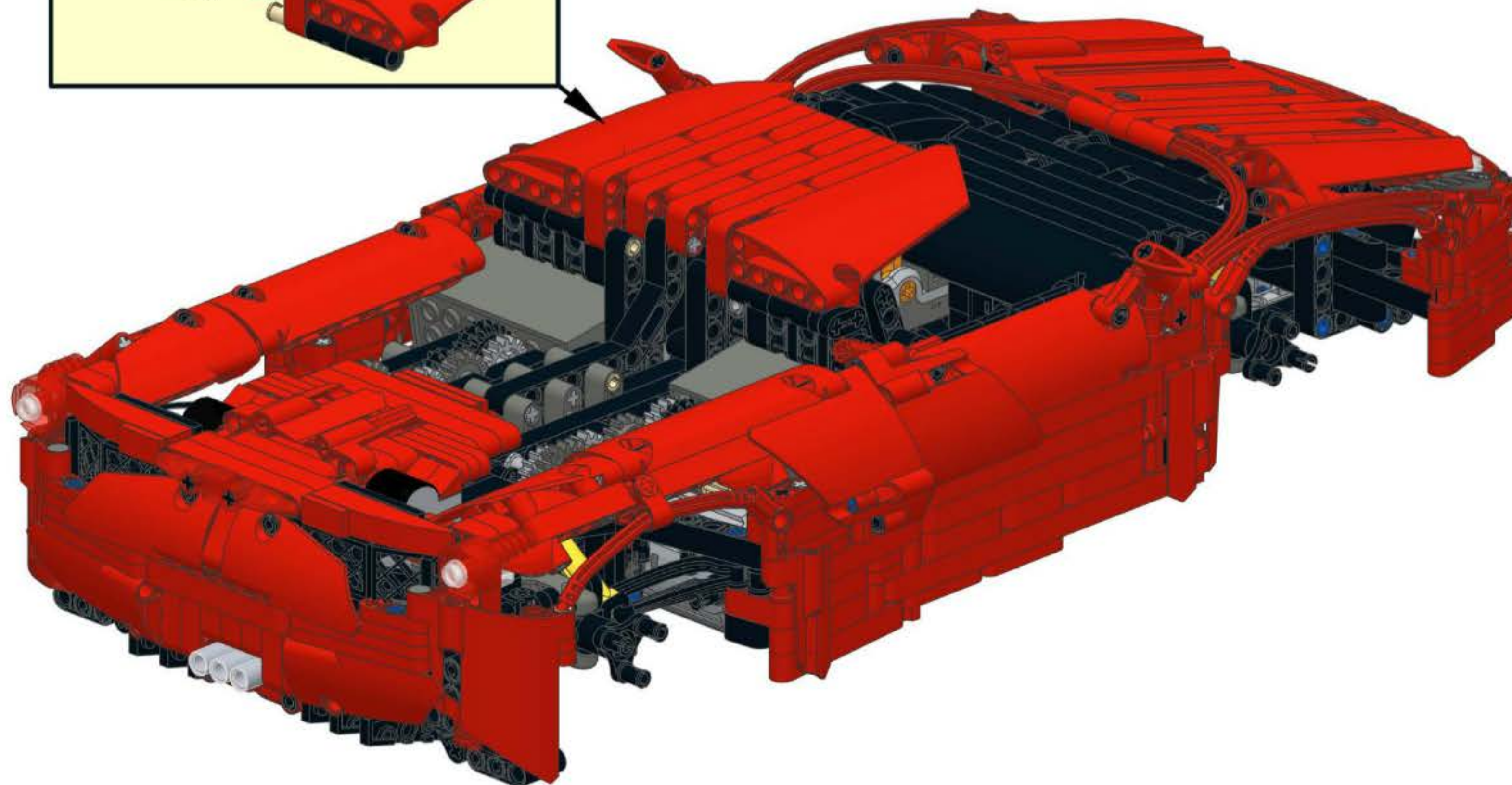
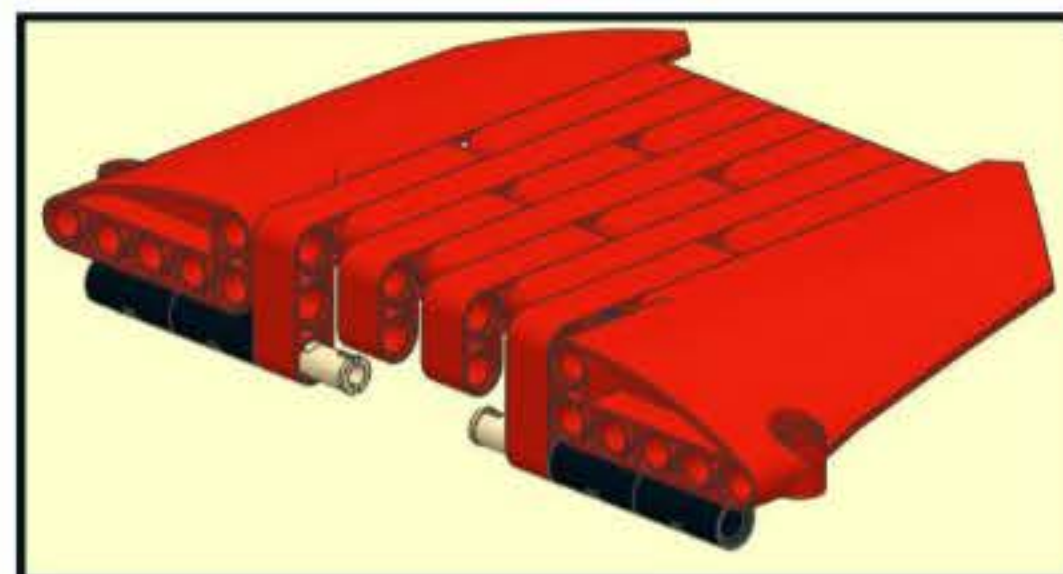
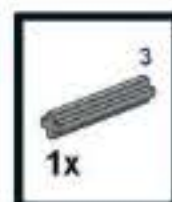


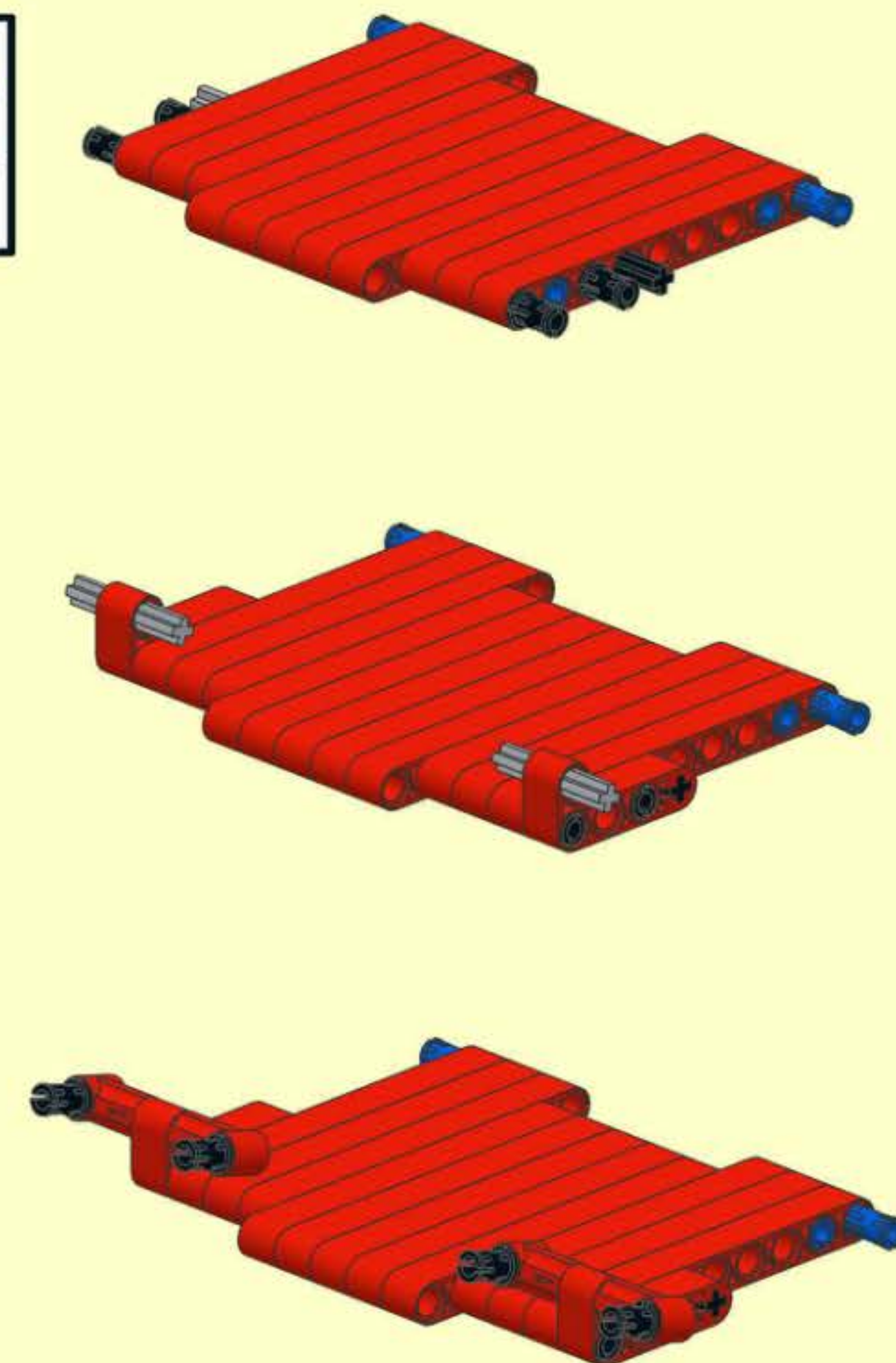
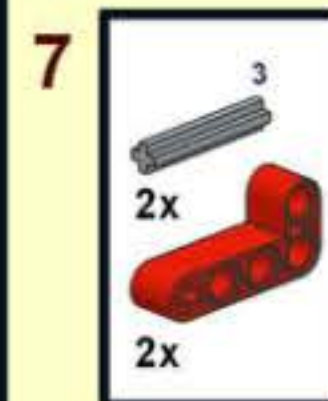
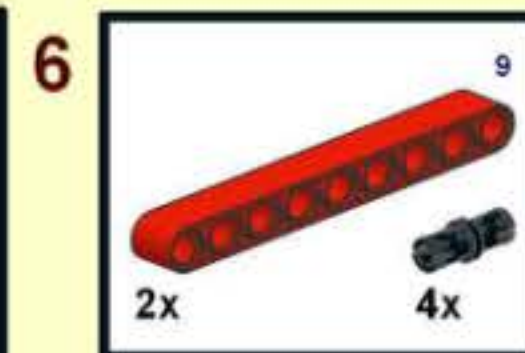
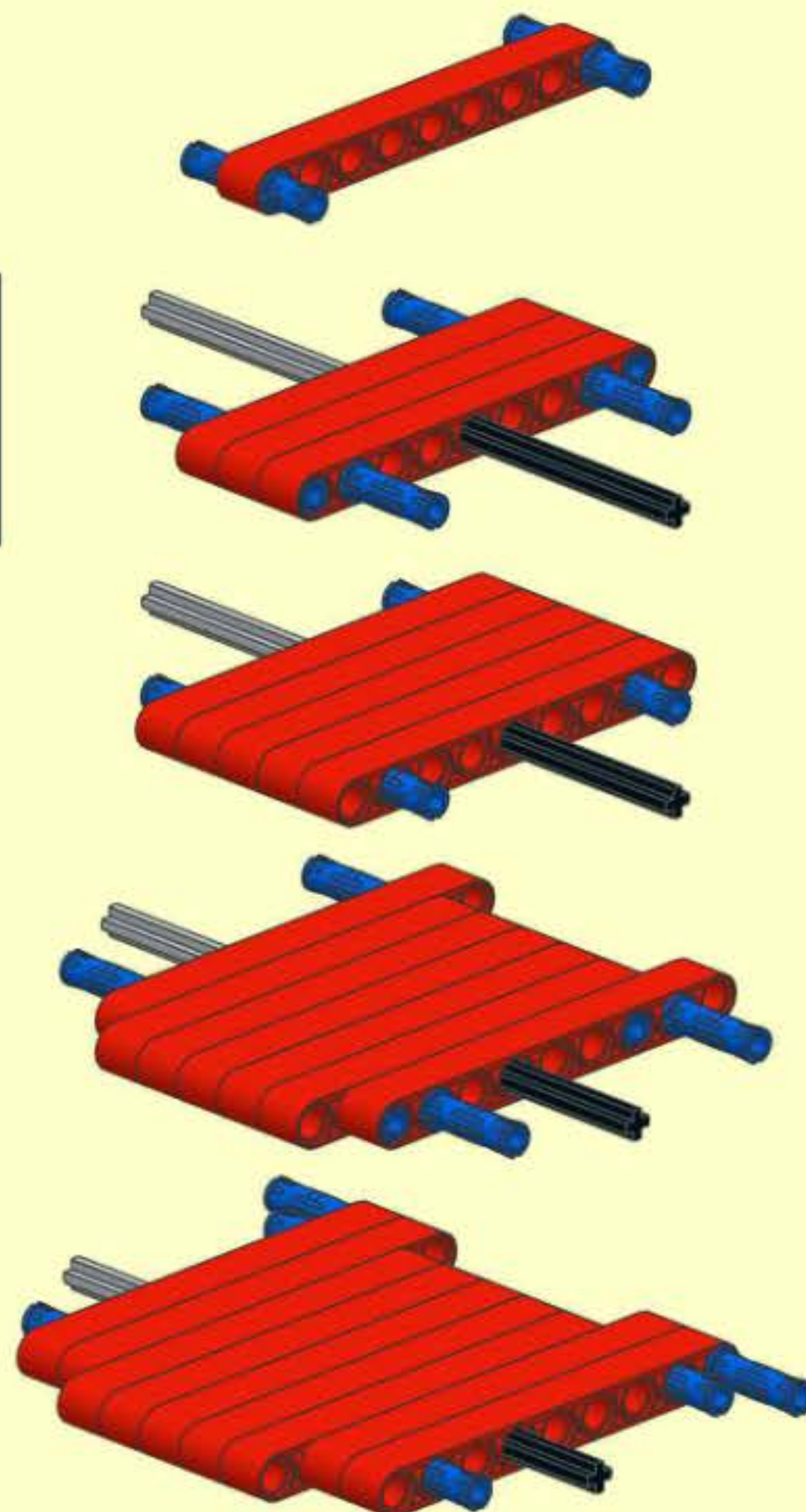
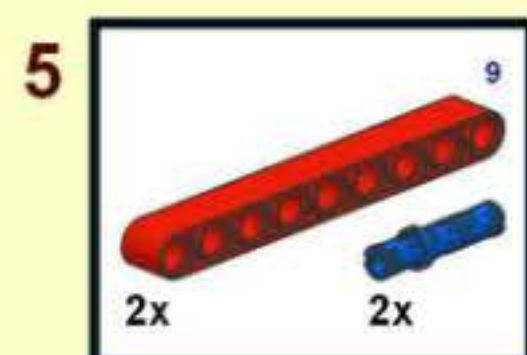
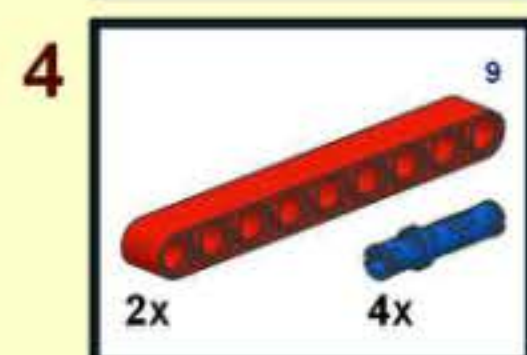
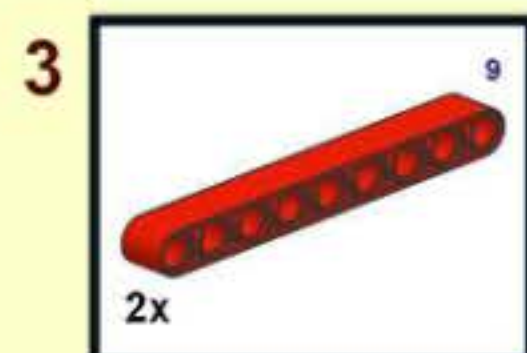
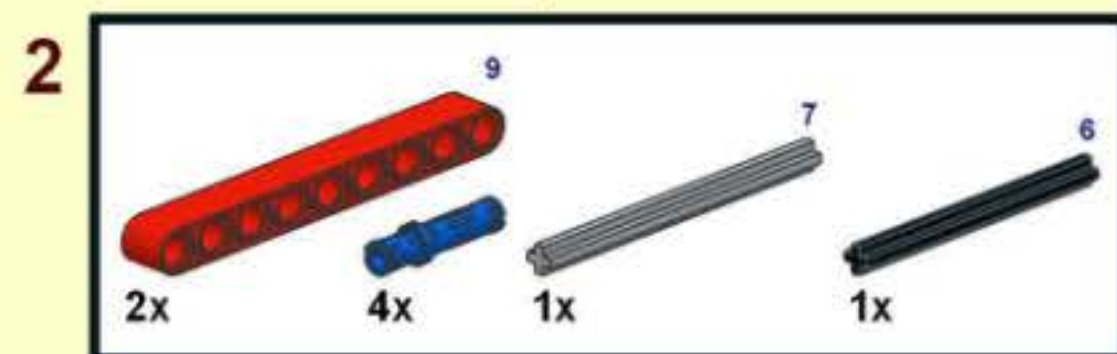
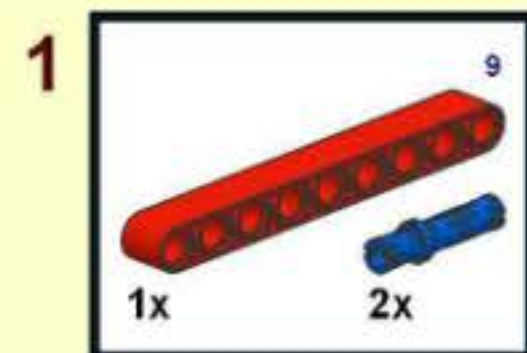
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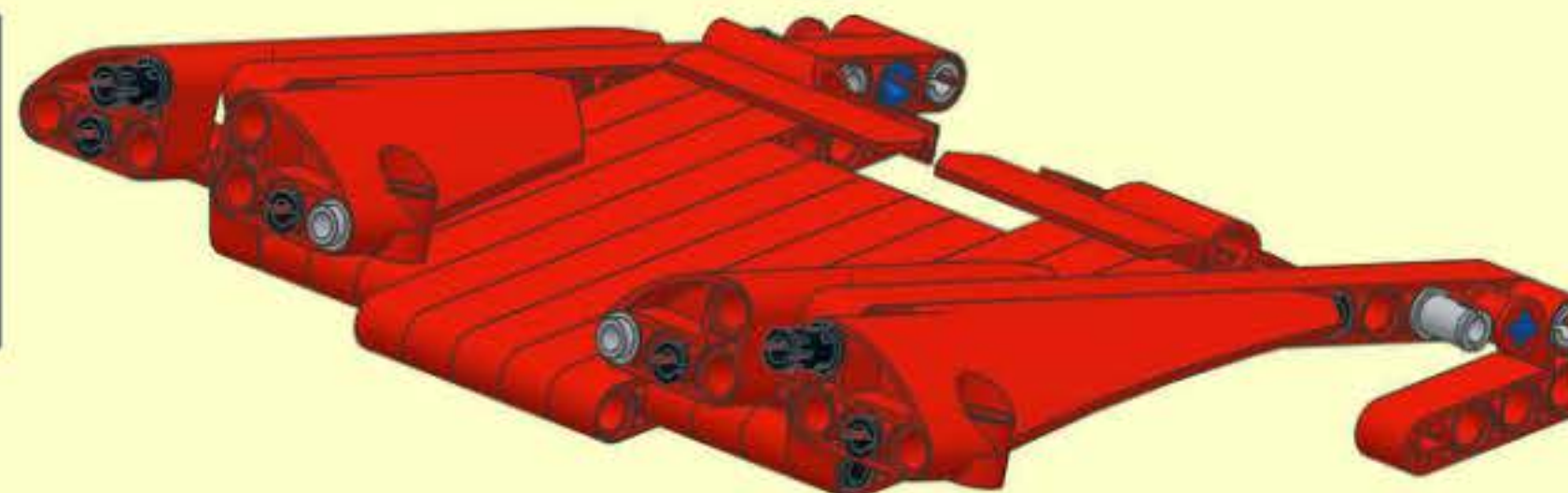
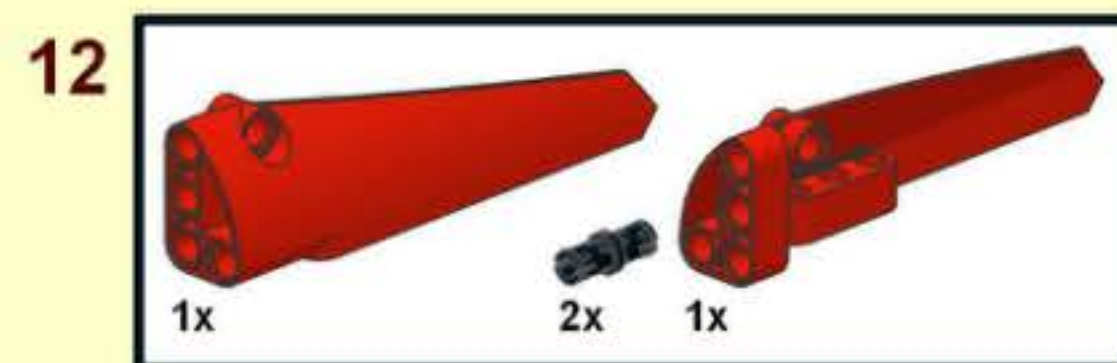
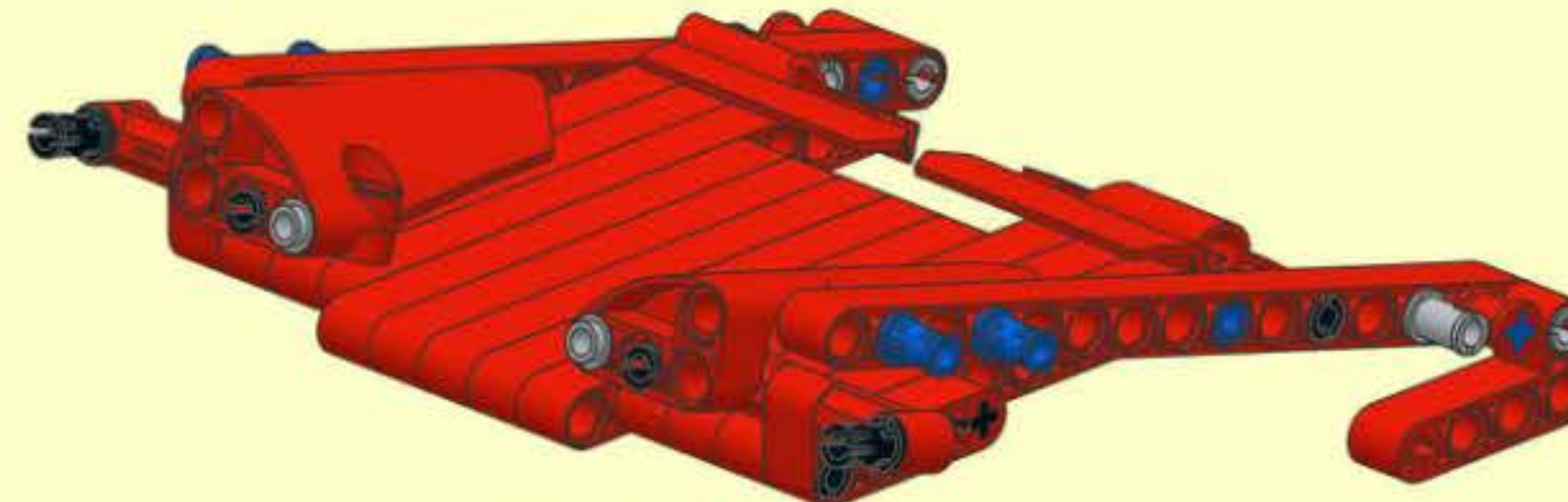
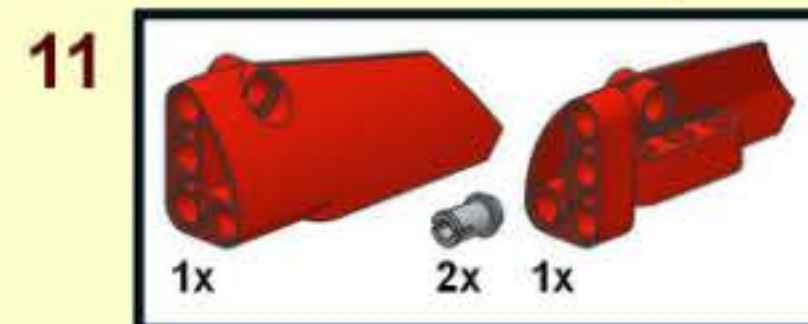
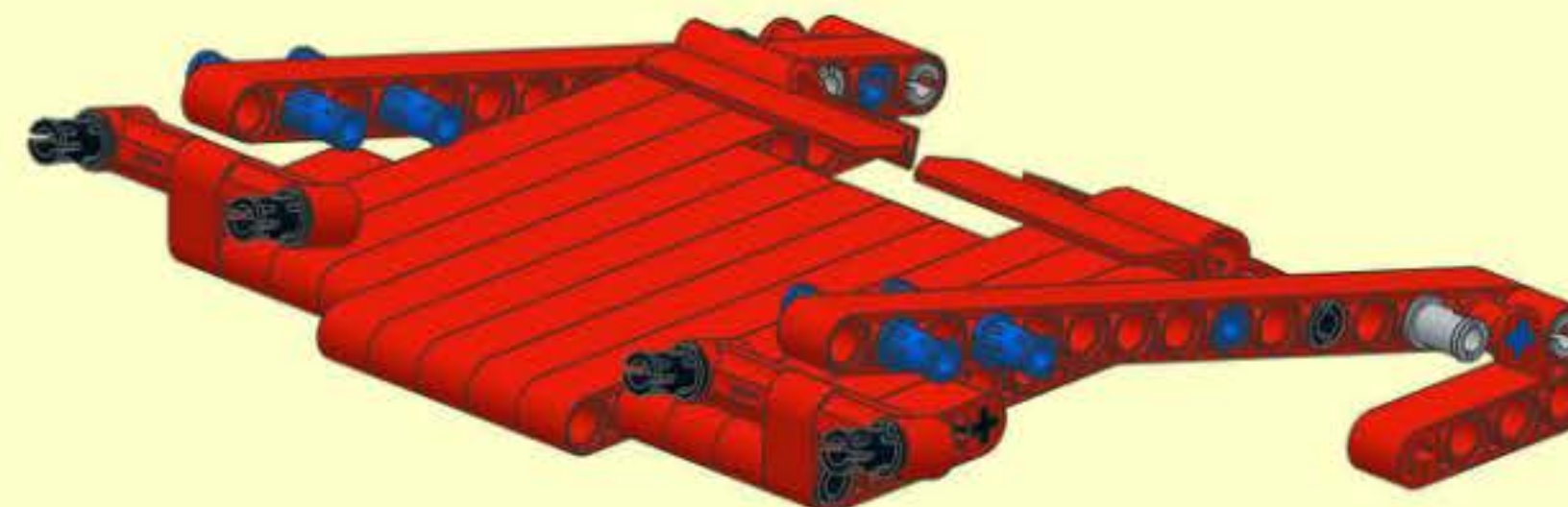
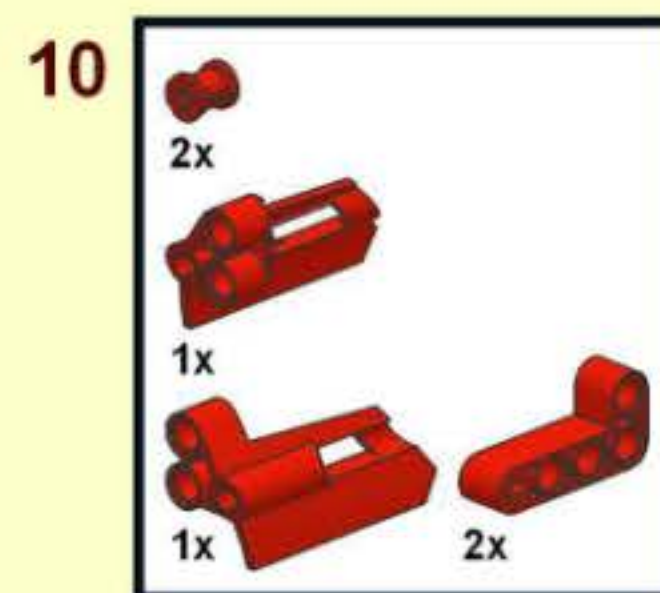
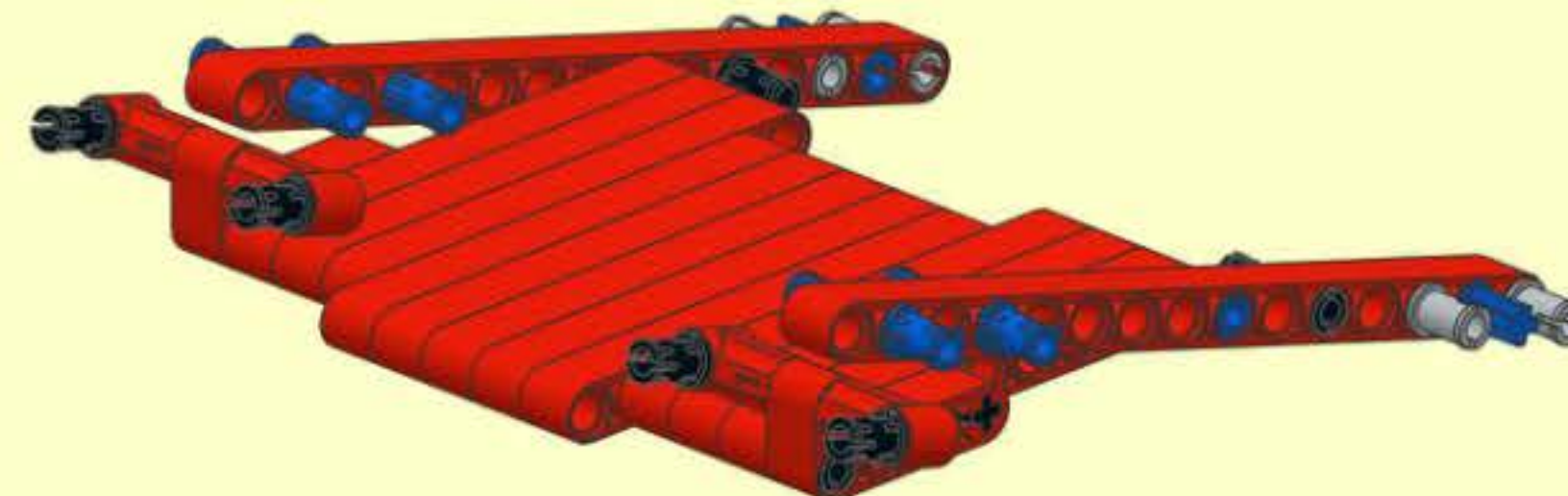
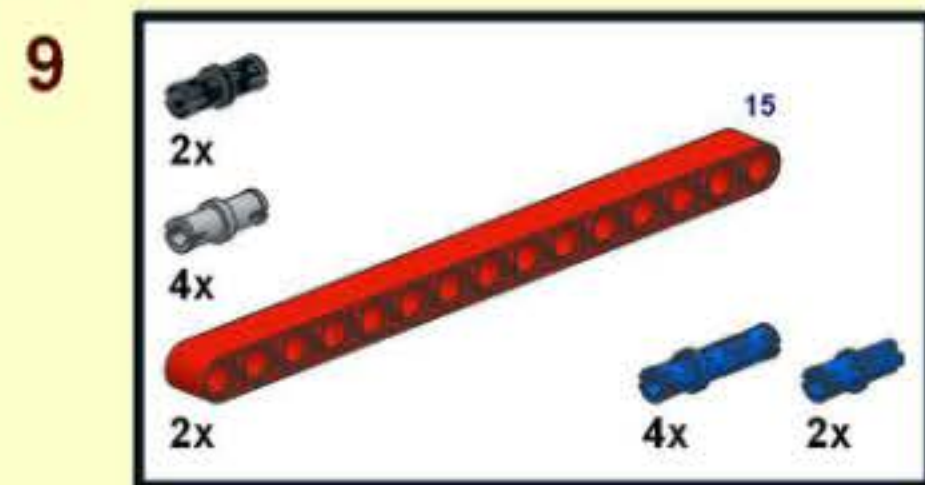


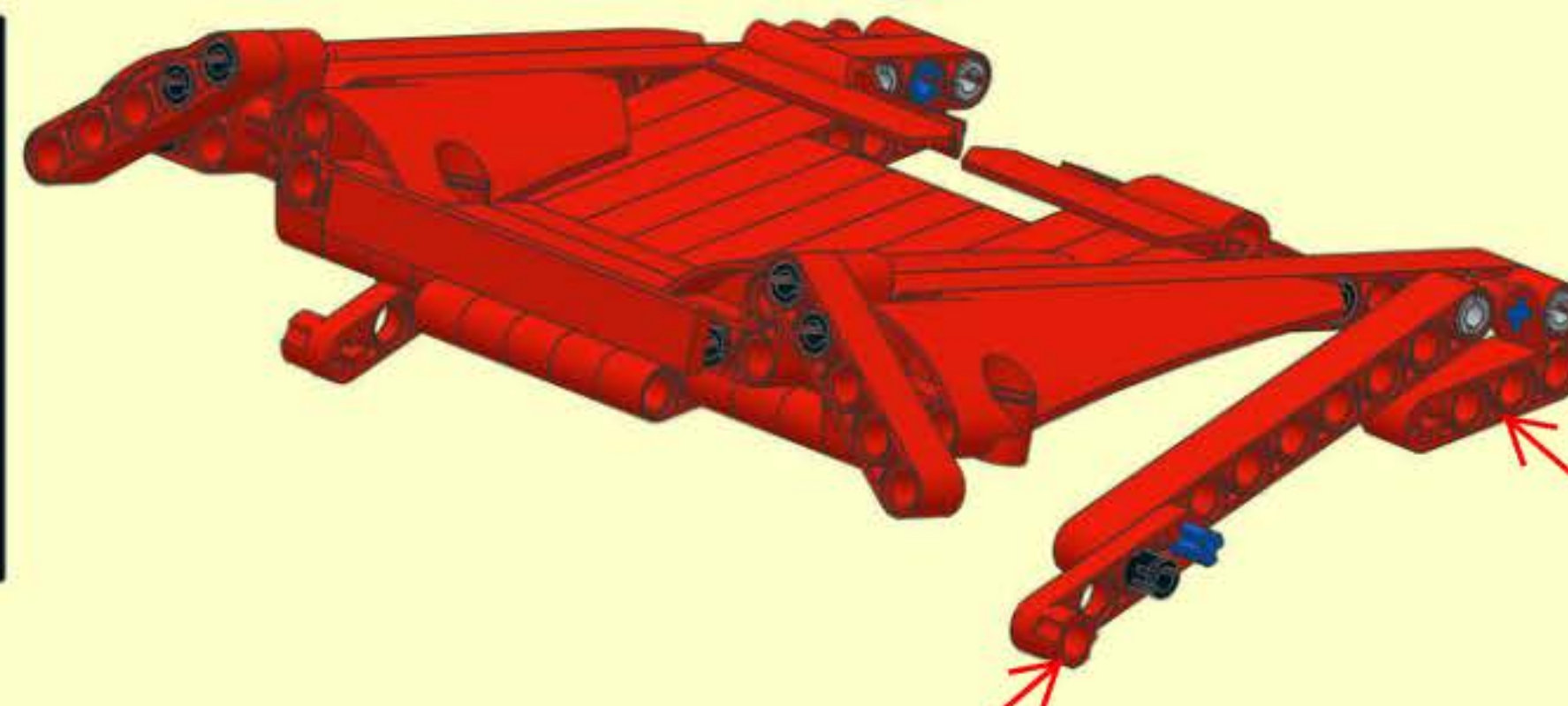
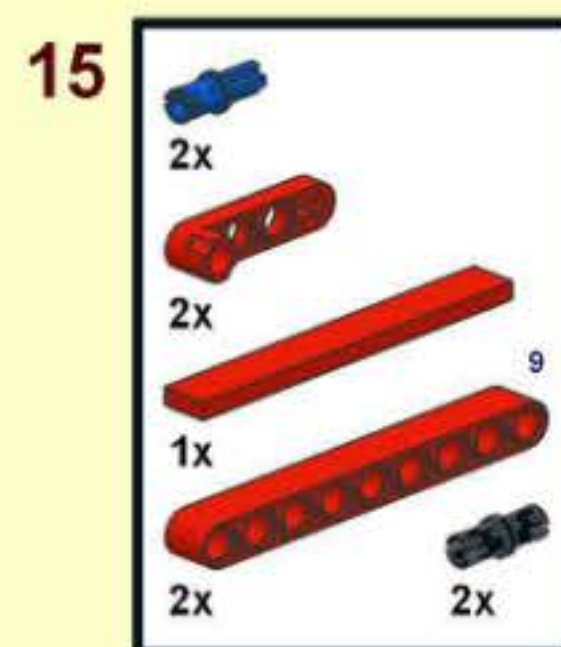
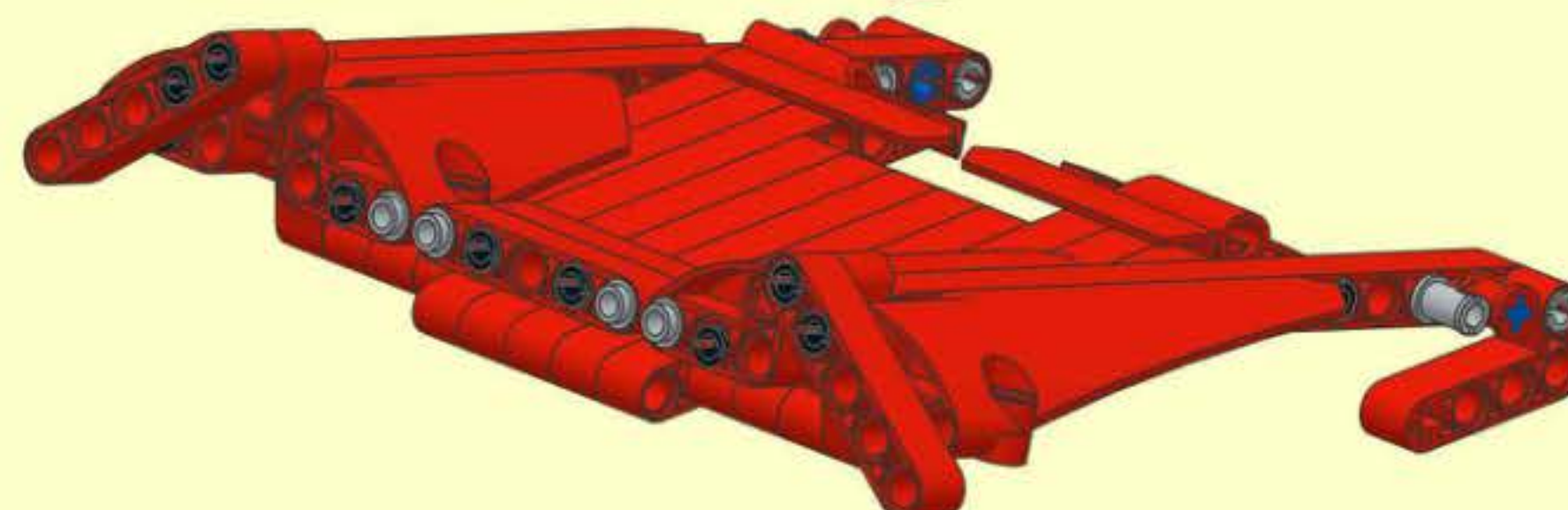
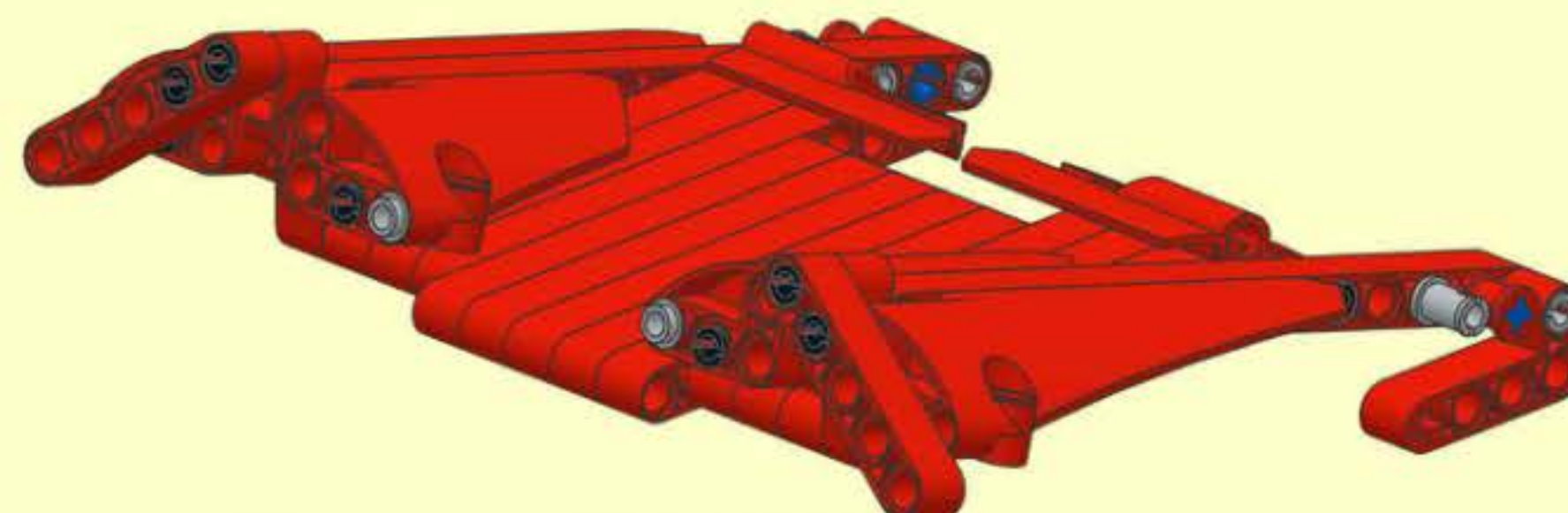
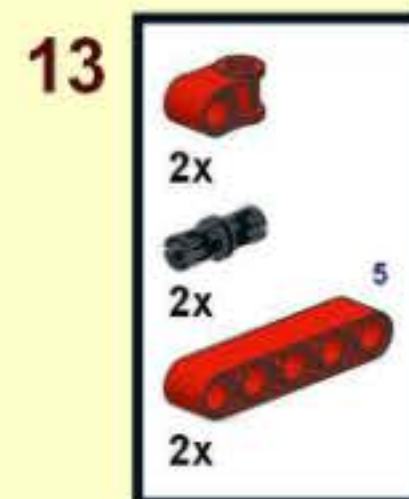
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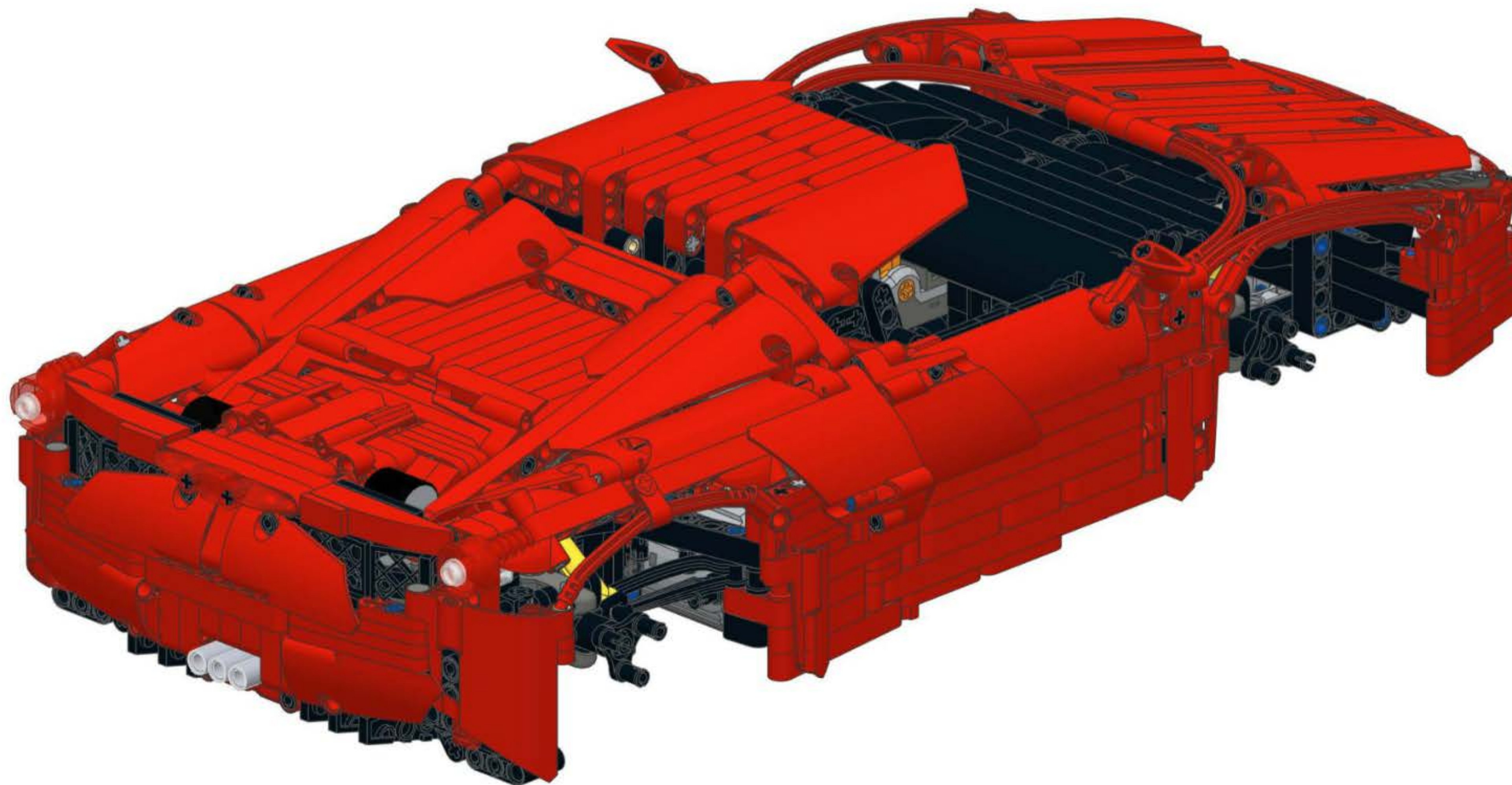


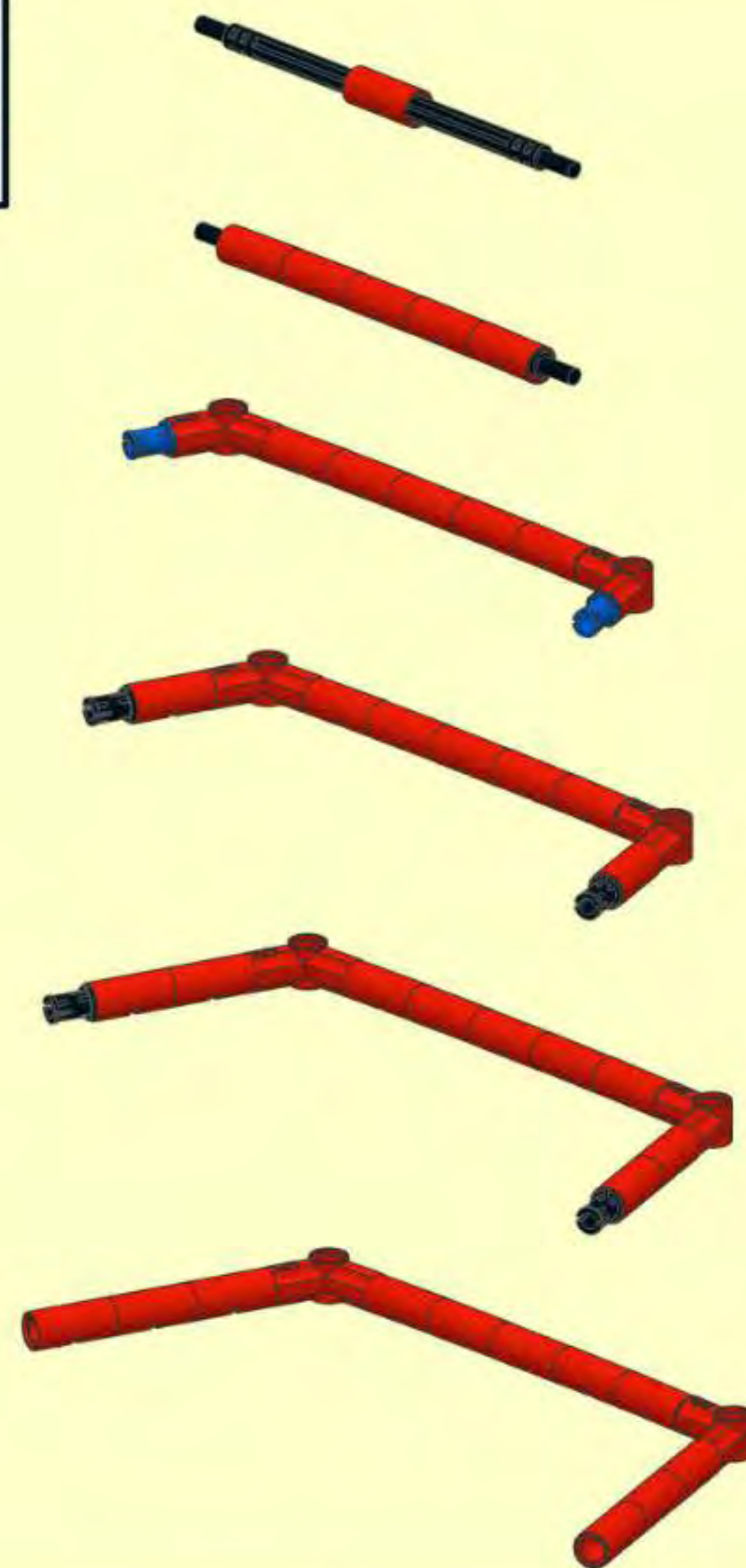
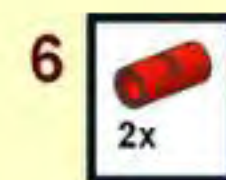
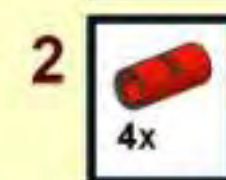


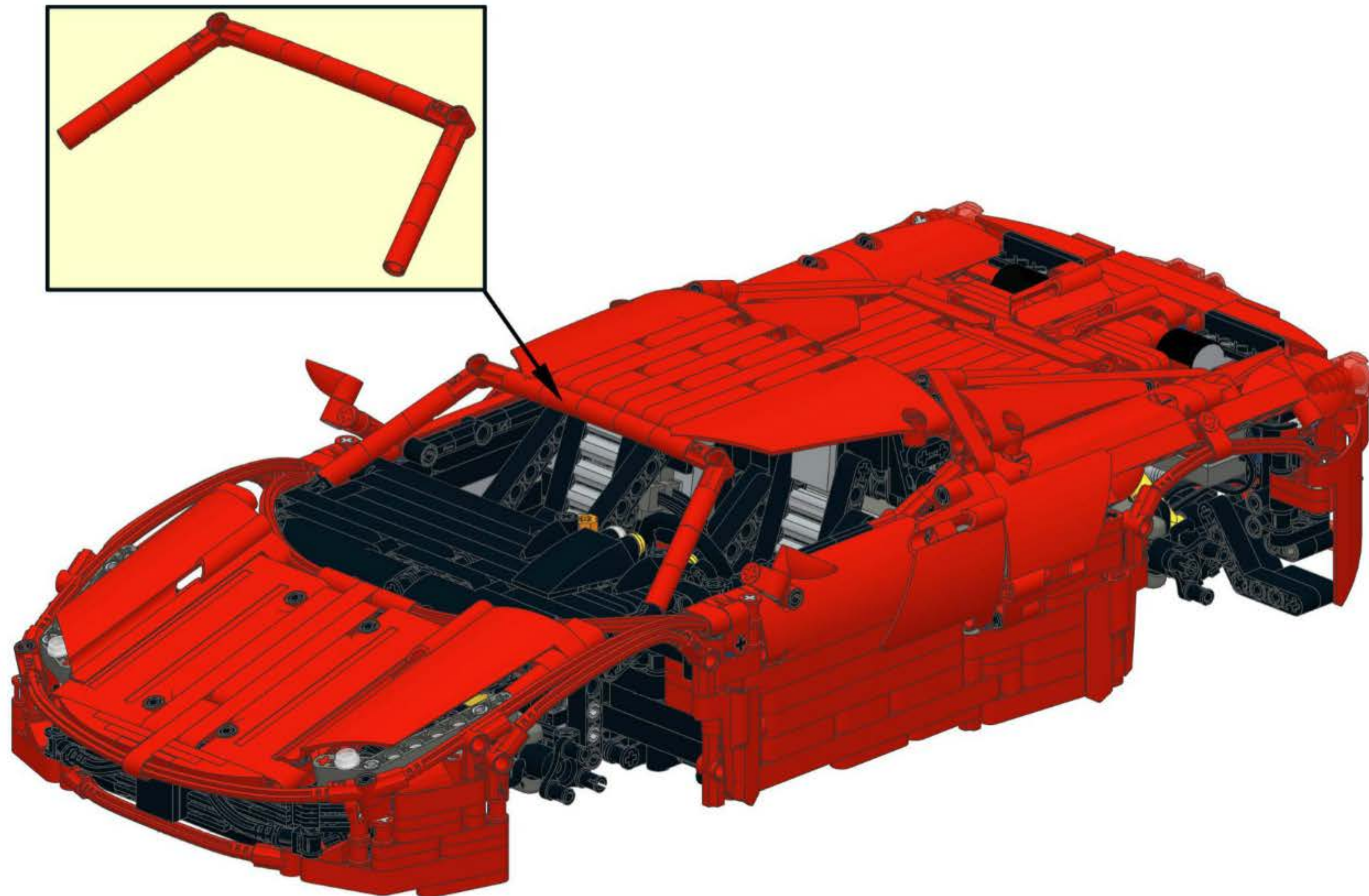


This part attaches to the crank.

This part attaches to the chassis.







Red Spider

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