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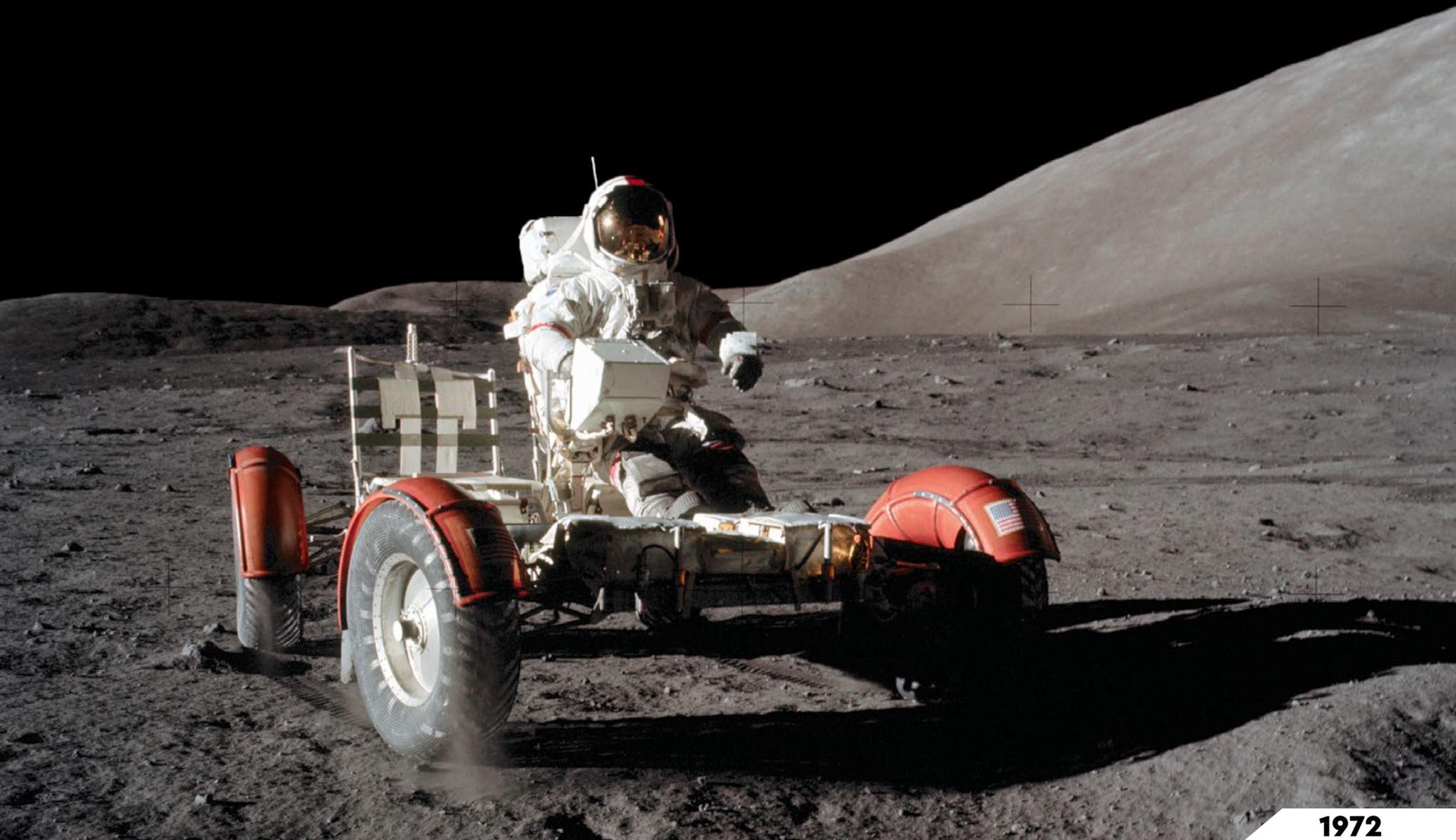


LEGO® Builder

EINMAL ZUM MOND UND WIEDER ZURÜCK

Seit die Menschen im Jahr 1969 zum ersten Mal den Mond betraten, hat die Erforschung des Weltraums viele neue Erkenntnisse über das Universum geliefert, die nur wenige für möglich gehalten hätten. Die ersten bahnbrechenden Monderkundungen im Rahmen der Apollo-Missionen der NASA (1961-1972) haben technologischen Innovationen und außergewöhnlichen Missionen in immer größere Tiefen unseren Sonnensystems den Weg geebnet. Dieses LEGO® Technic Modell ist dem Lunar Rover Vehicle (LRV-3) der NASA nachempfunden, das mit Apollo 17 zum Einsatz kam. Der Rover war eine beachtliche technische Meisterleistung, die die Grenzen des Machbaren bei der Erkundung des Mondes verschob. Bei der letzten Apollo-Mission der NASA spielte das Fahrzeug eine ganz entscheidende Rolle.

NASA APOLLO LUNAR ROVING VEHICLE - LRV



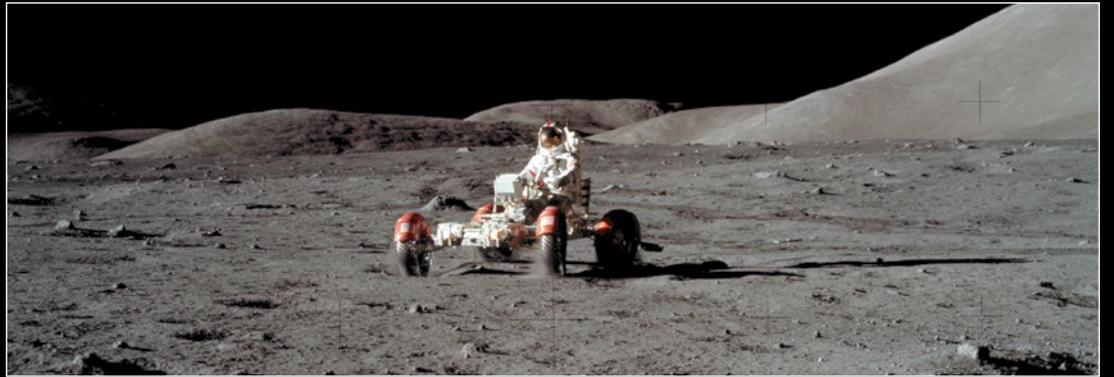
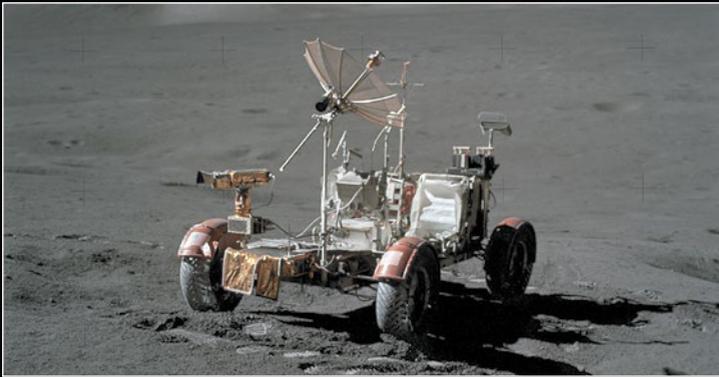
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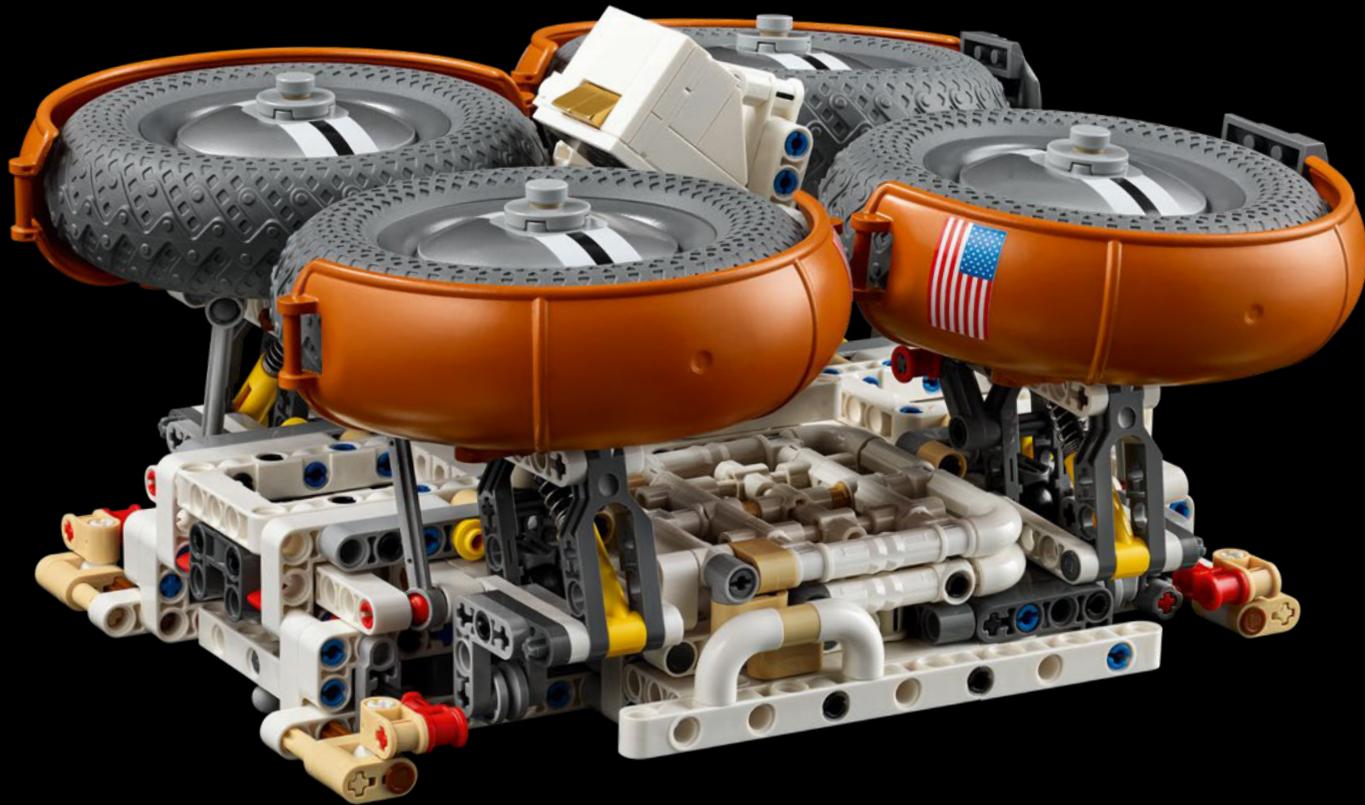
ERKUNDE DEIN LRV-3

Astronauten haben mehrere Expeditionen im LRV-3 unternommen, um Gesteins- und Bodenproben zu sammeln und atemberaubende Aufnahmen von unserem Erdtrabanten zu machen. Entdecke beim Bauen Ausrüstung, Werkzeug und feine Details in Hülle und Fülle.

*Olav Krøigaard,
Designer, LEGO® Technic*







DARGESTELLTE DETAILS

Genau wie das Original lässt sich auch dein LEGO® LRV-3 platzsparend zusammenfallen, um perfekt in die Mondlandefähre zu passen und auf den Mond befördert zu werden. Das fertige Modell kann man komplett oder in separaten Segmenten ausstellen.



VORDERES CHASSIS

Ein Kompass funktioniert nur mithilfe des Erdmagnetfelds, deshalb haben die Astronauten zum Navigieren auf dem Mond ein Gyroskop und einen Kilometerzähler benutzt. Mondstaub dringt in jede Ritze ein und setzt sich überall ab. Deshalb war eine Reinigungsbürste (die nicht wirklich als wissenschaftliches Instrument gilt) unverzichtbar, um Kühler, TV-Kameras und die Oberfläche des Rovers zu säubern.



LUNAR COMMUNICATIONS RELAY UNIT (LCRU)

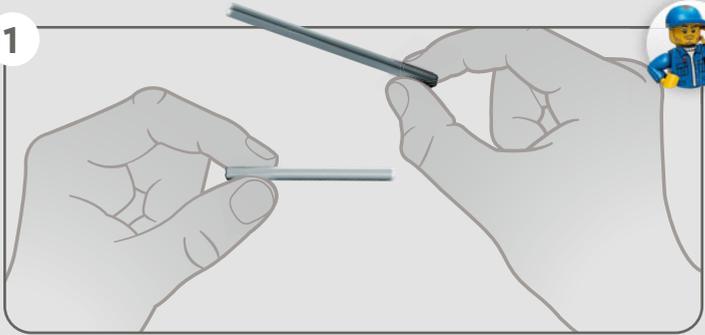
Die Lunar Communications Relay Unit war die wichtigste Kommunikationsverbindung der Astronauten, wenn sie vom Fahrzeug abgesetzt auf dem Mond agierten. Hoch- und Niedriggewinnantennen verbanden die Astronauten mit dem Mission Control Center in Houston.



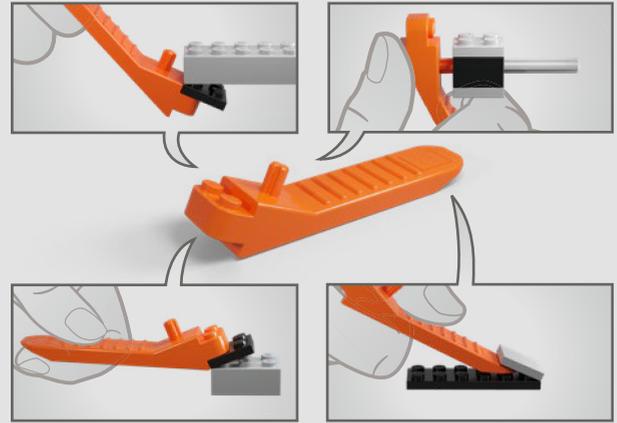
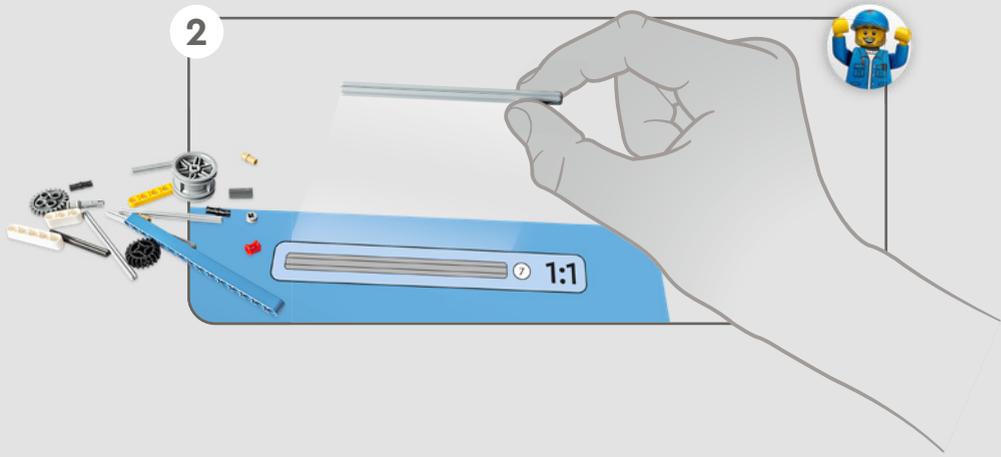
HECKLADEGESTELL

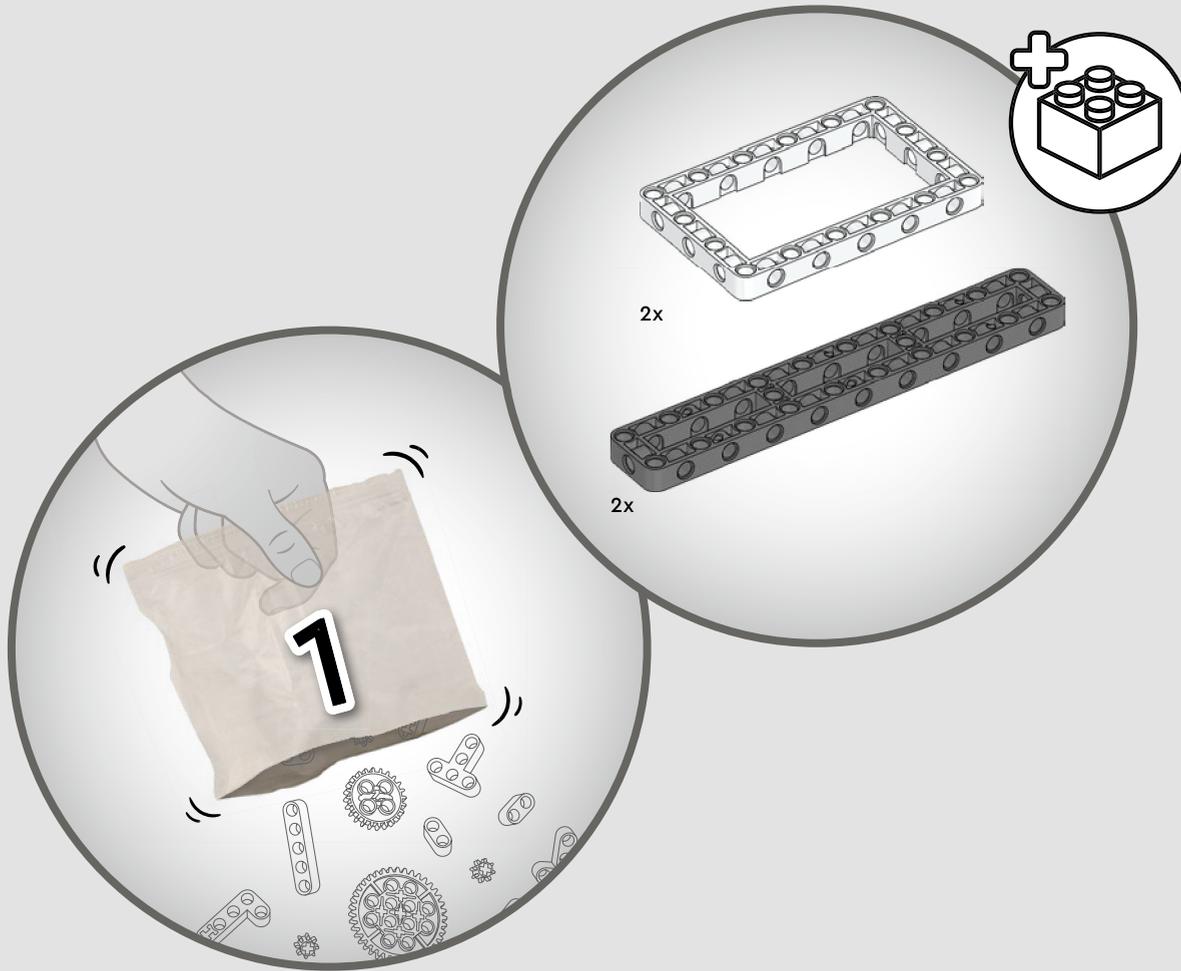
Astronauten haben eine Reihe von wissenschaftlichen Experimenten durchgeführt und unter anderem aktive und passive seismische Aktivitäten und Profile untersucht. Hierfür benutzten sie das Heckladegestell, auf dem Werkzeug und Proben verstaut werden konnten. Der LEGO® „Fels“ auf dem Heckladegestell stellt „Big Muley“ dar. Dieser vier Milliarden alte Gesteinsbrocken wurde von Apollo 16 eingesammelt.

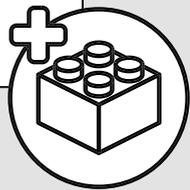
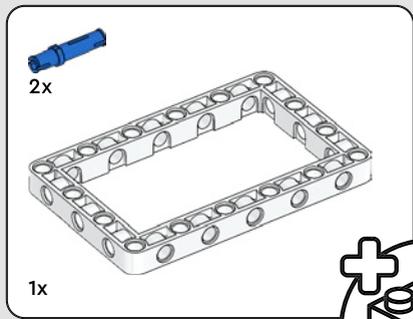
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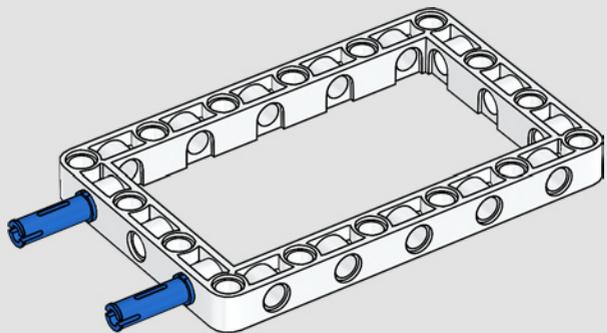
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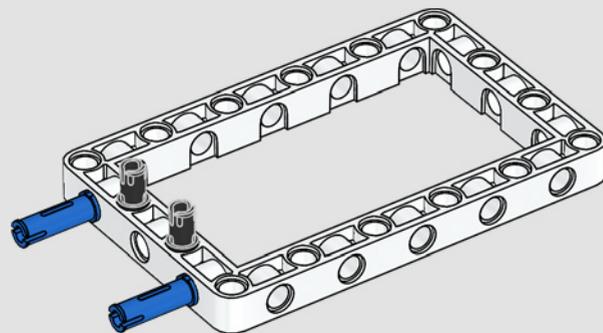


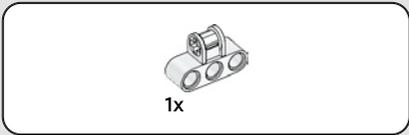


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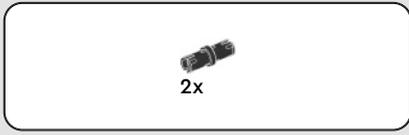
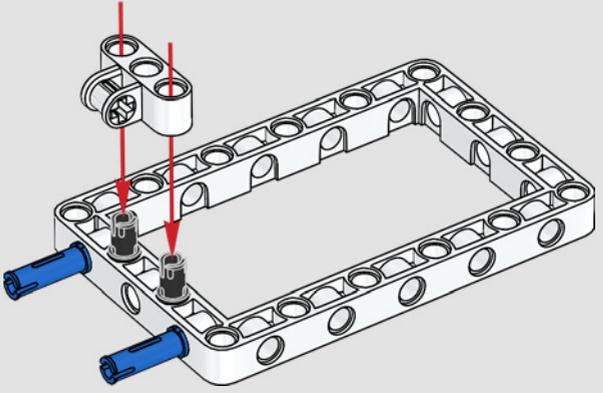


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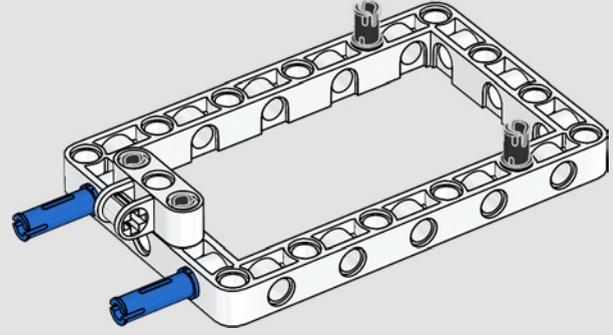


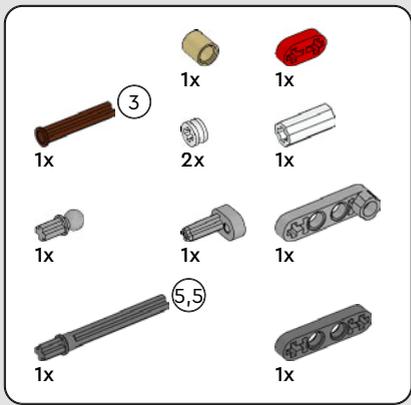


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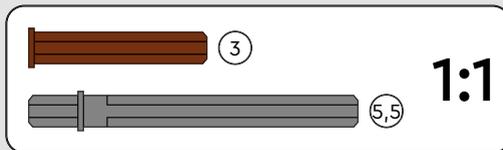
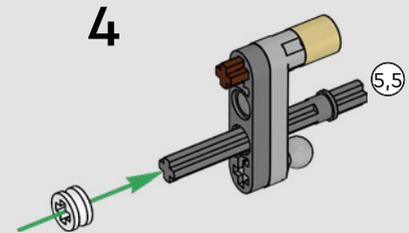
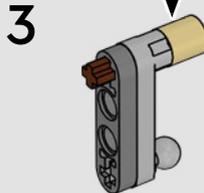
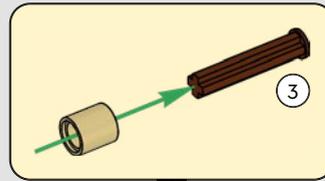
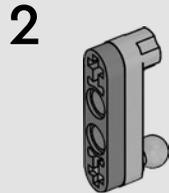
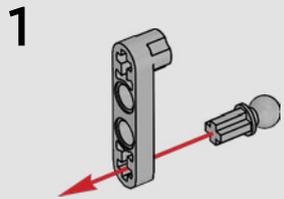


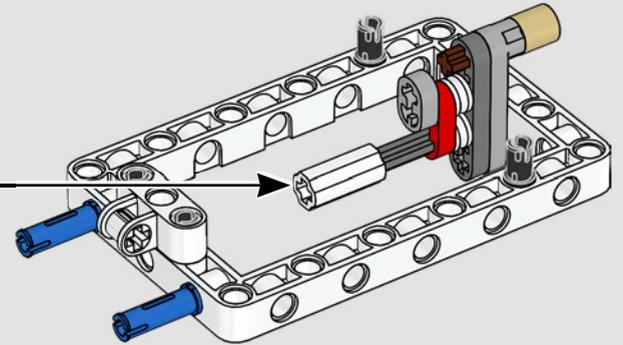
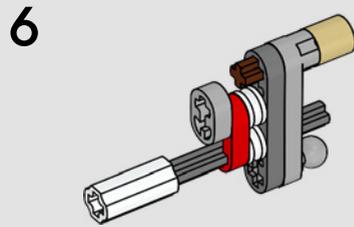
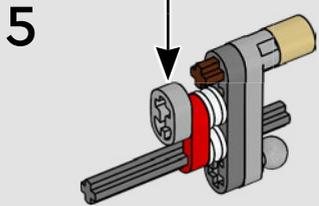
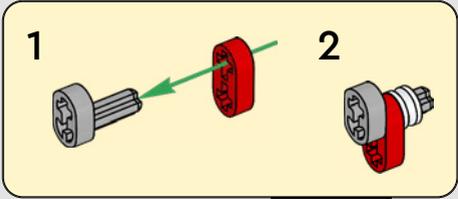
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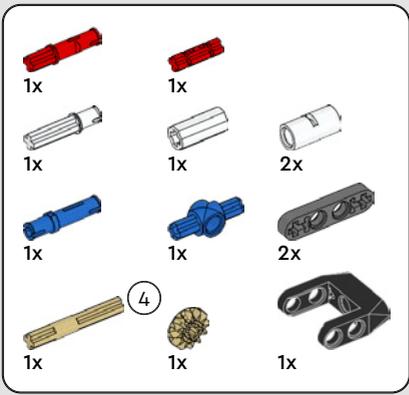




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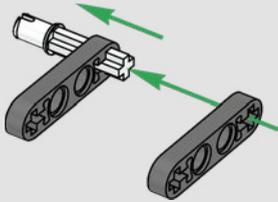




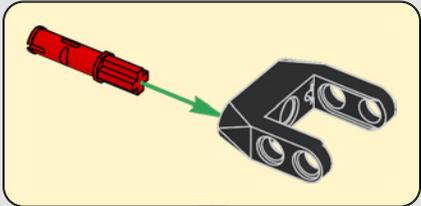


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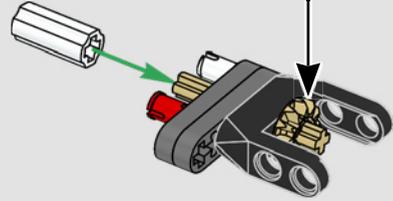
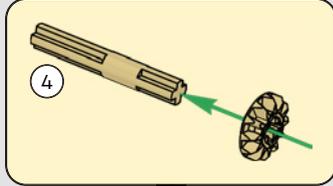
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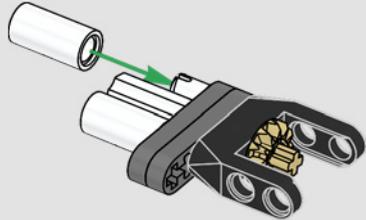
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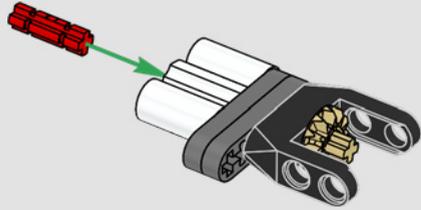
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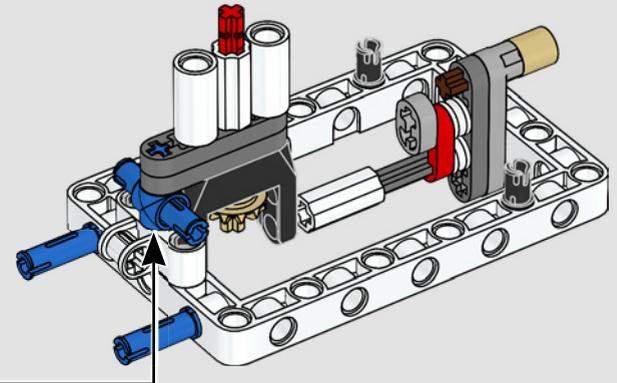
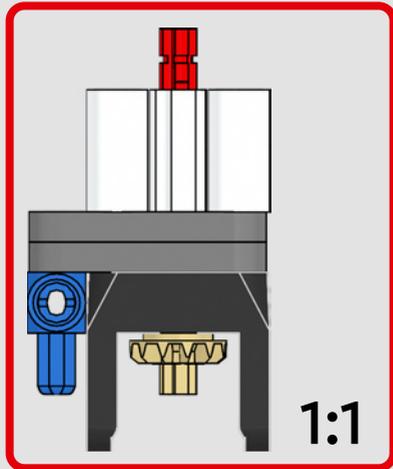
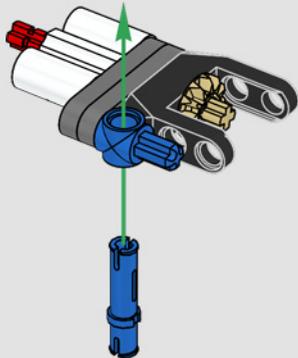
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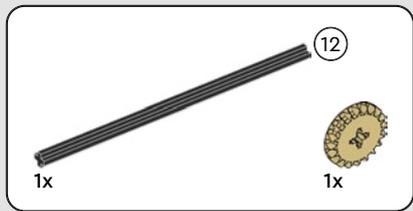


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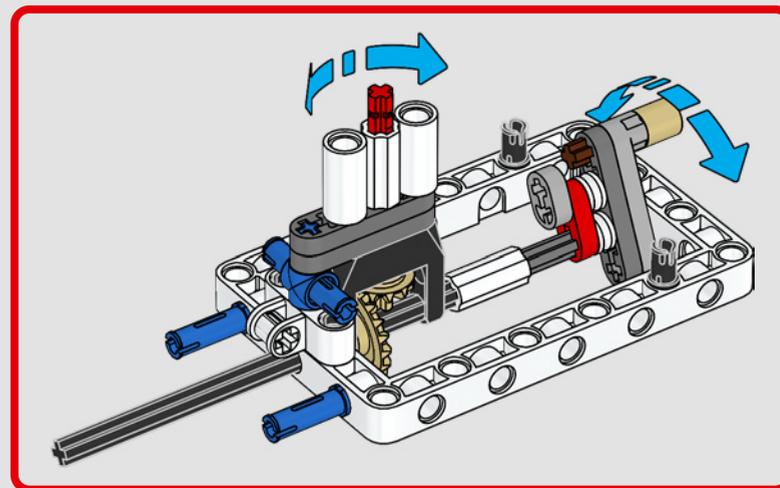
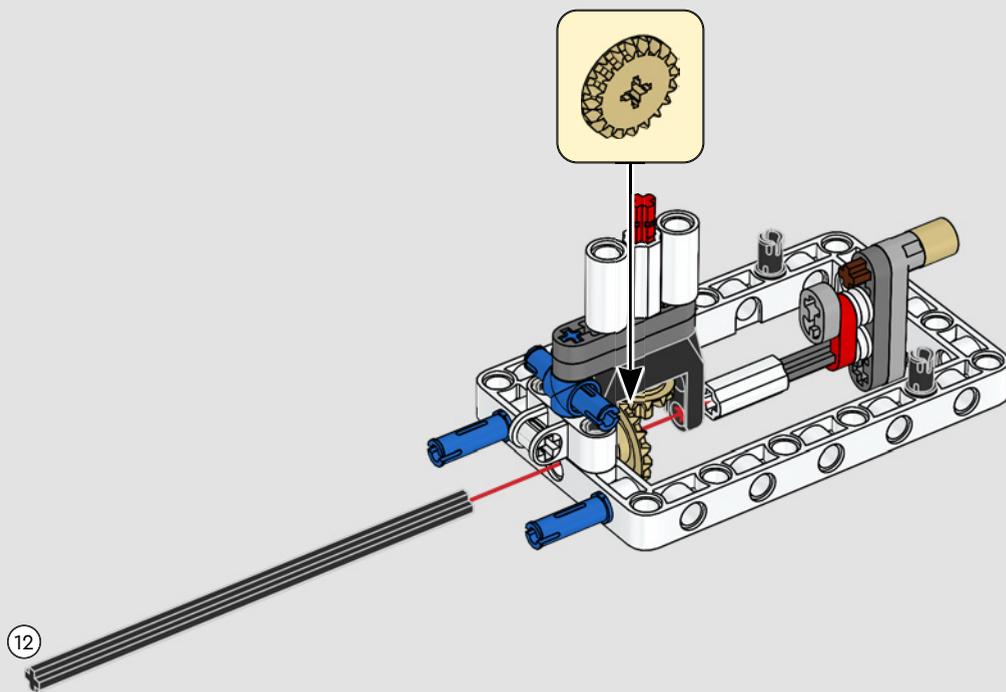


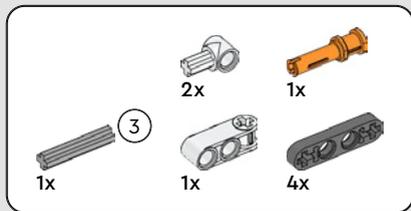
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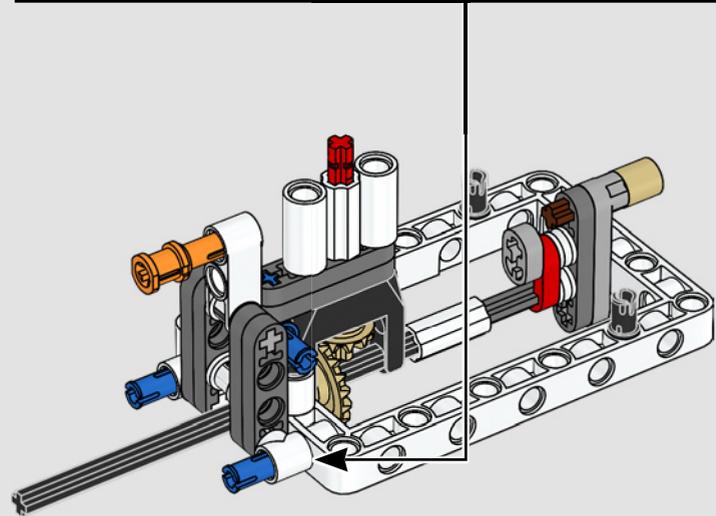
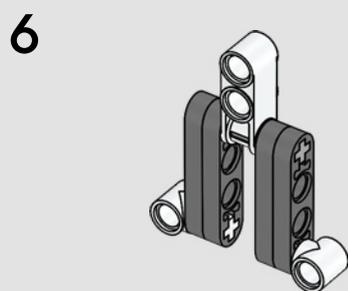
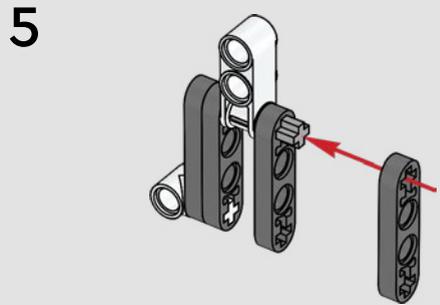
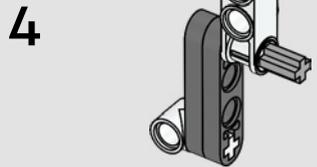
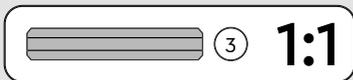
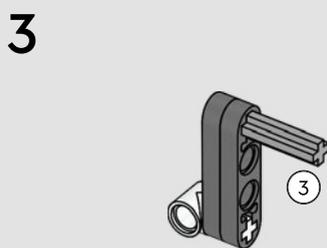
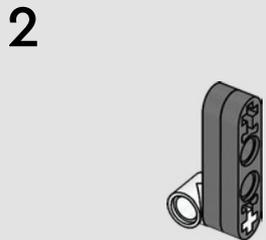
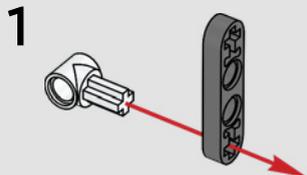


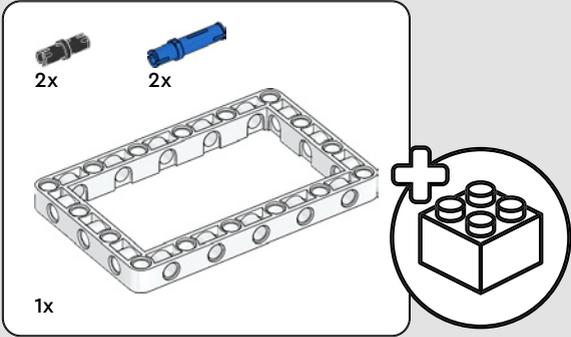
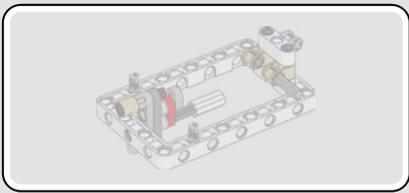
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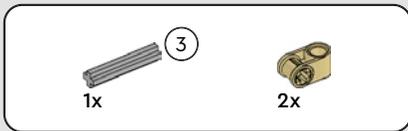
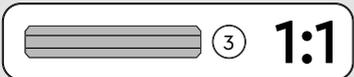
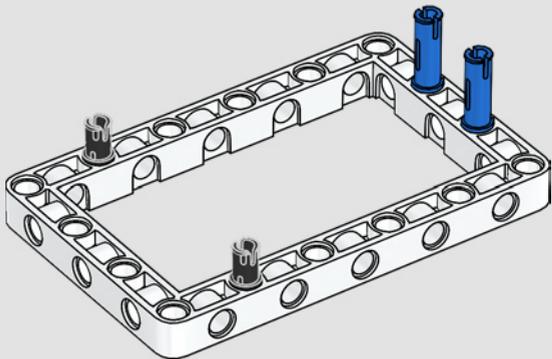


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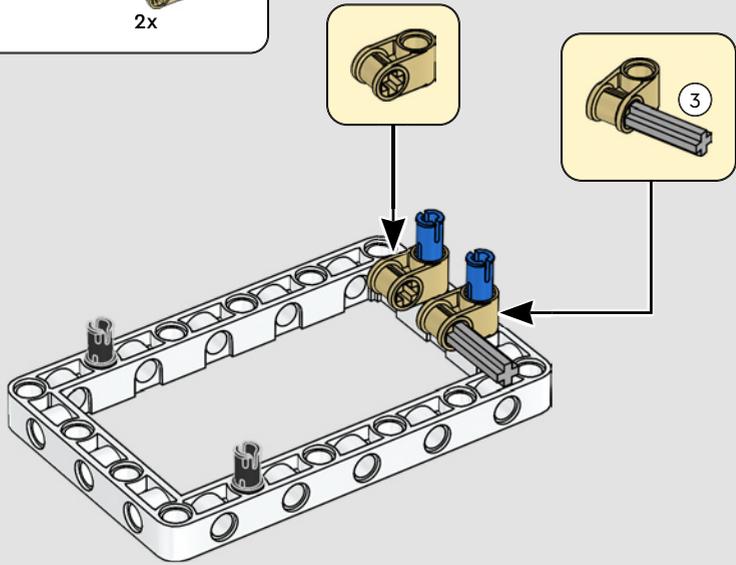




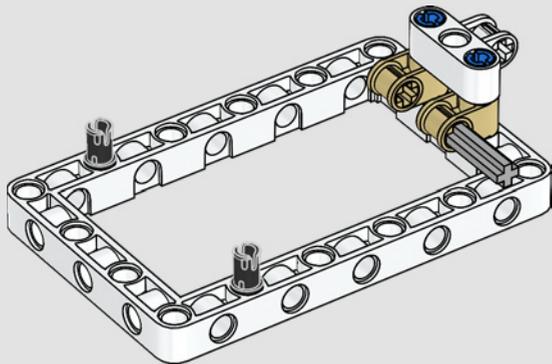
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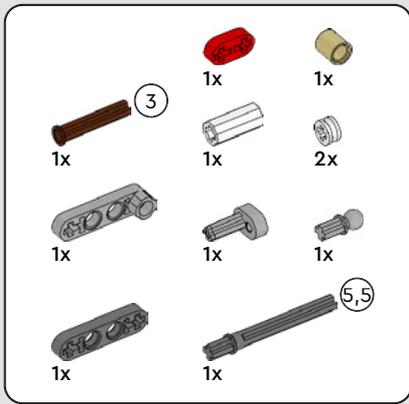


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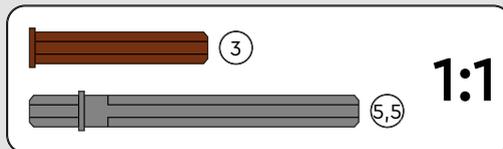
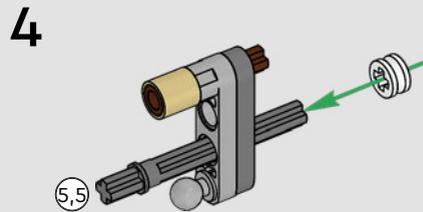
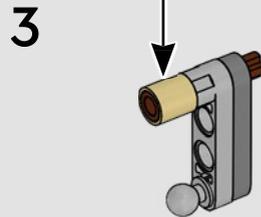
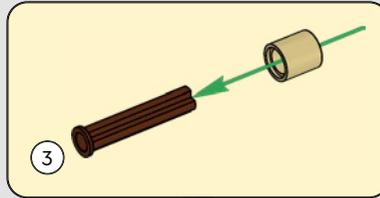
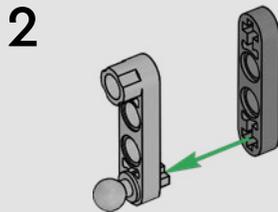
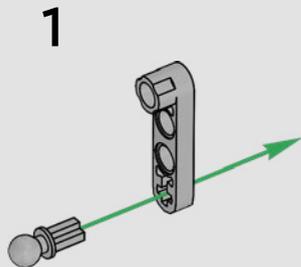


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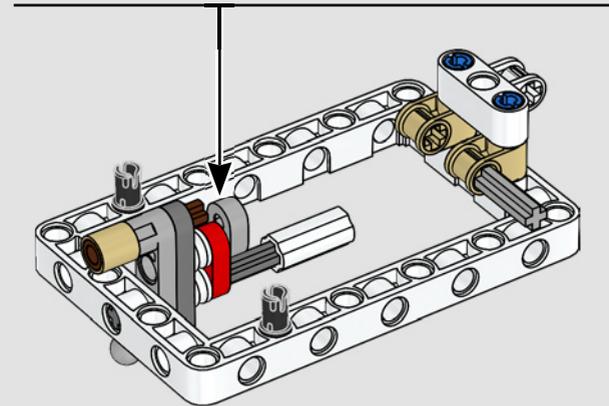
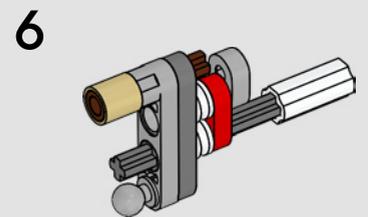
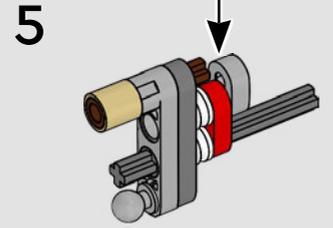
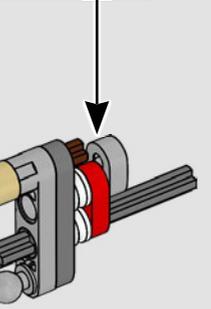
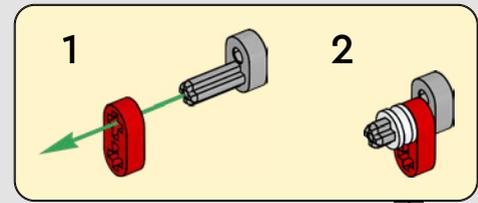




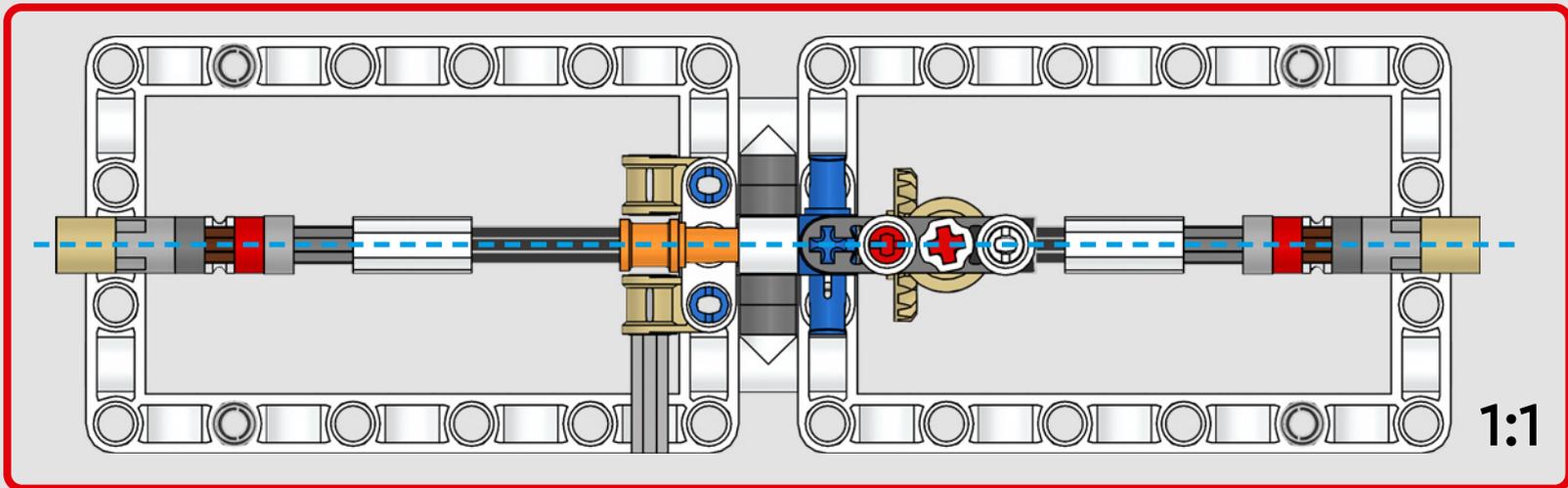
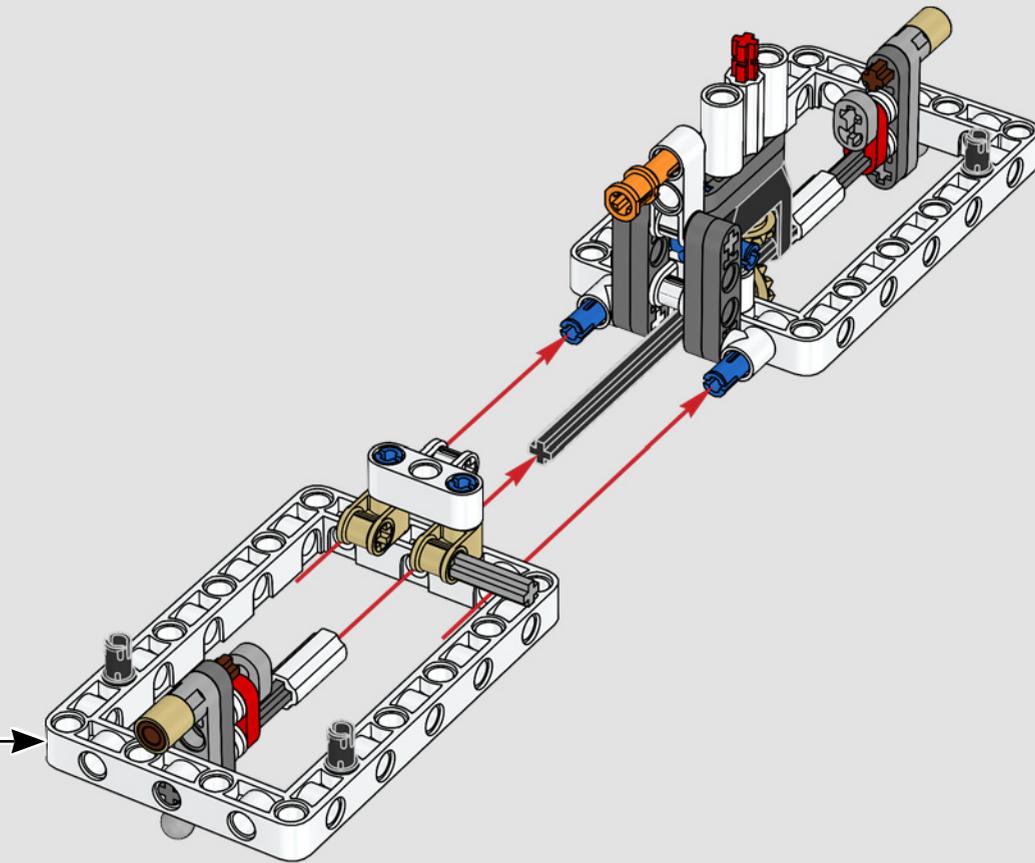
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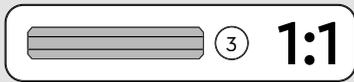
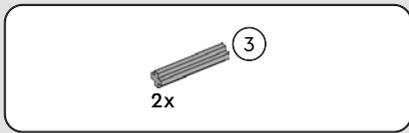


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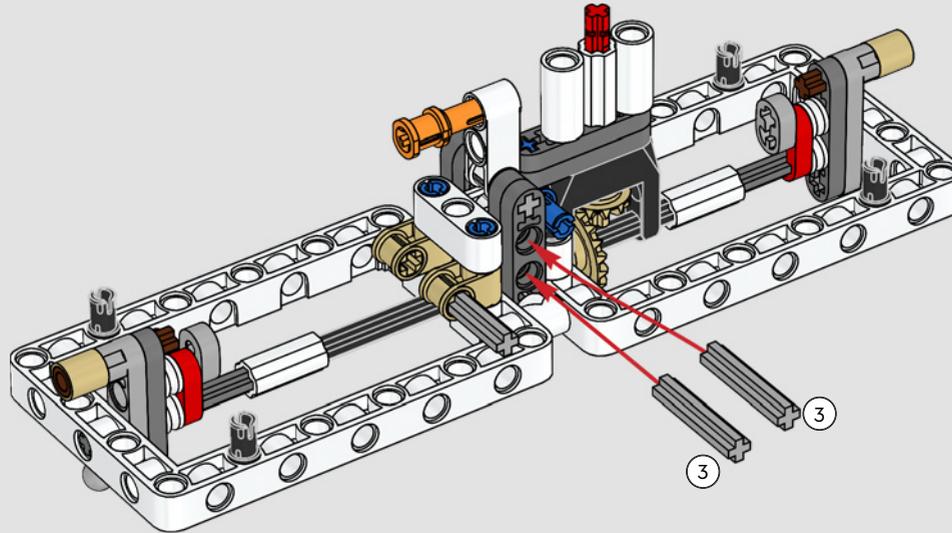


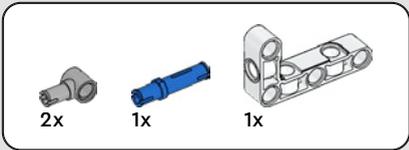
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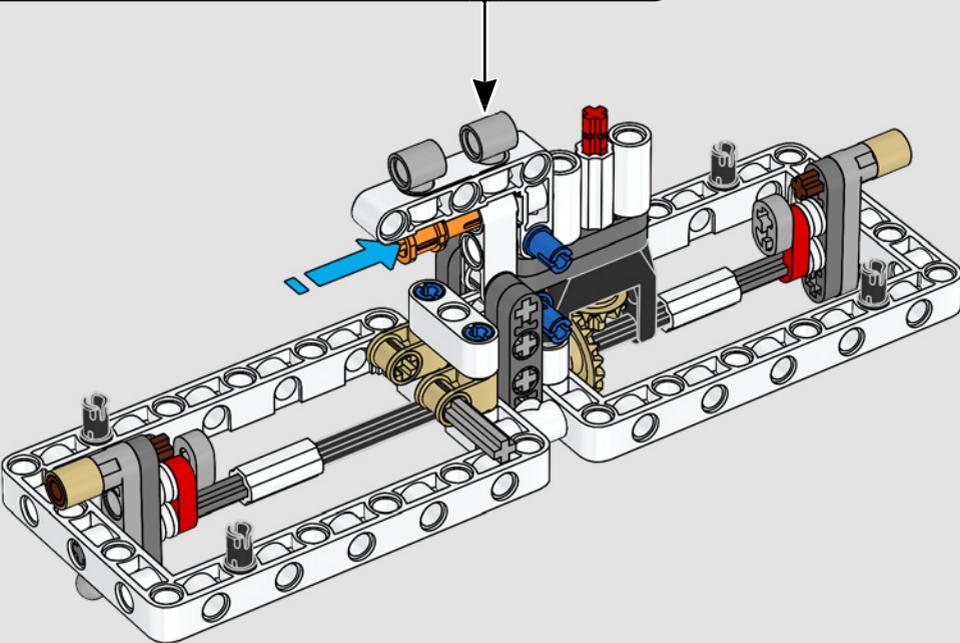
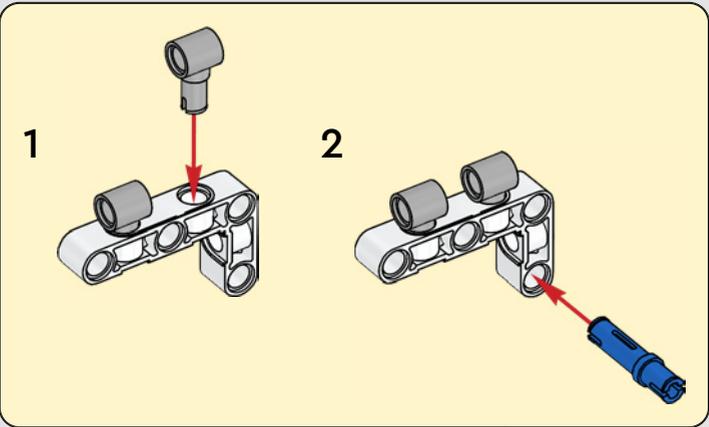


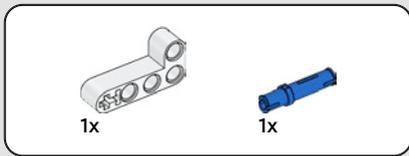
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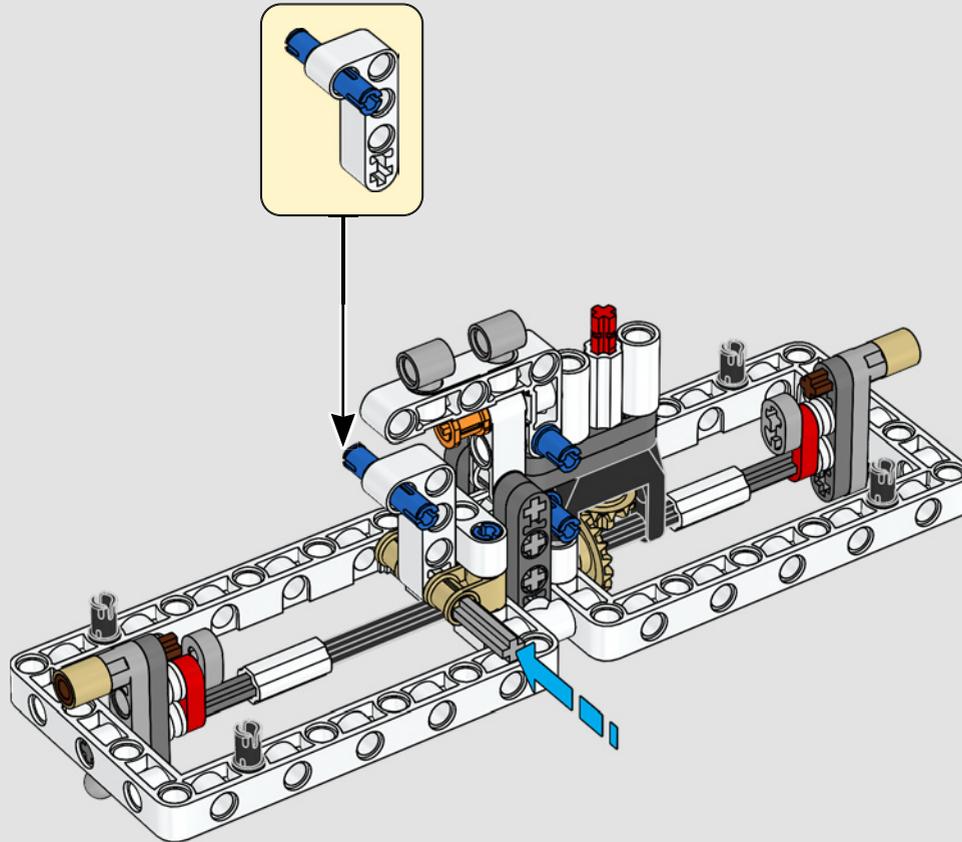


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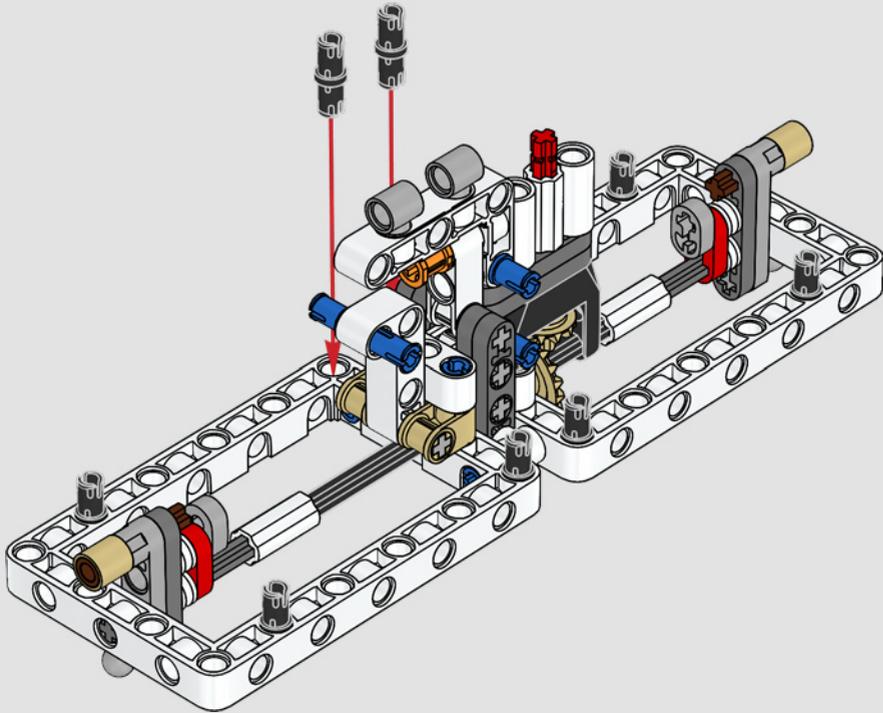
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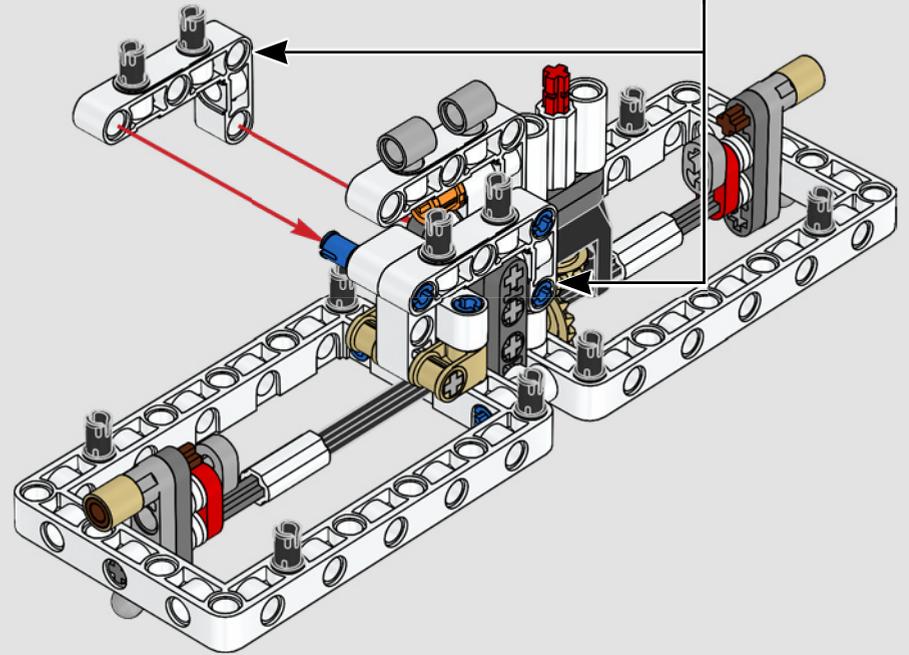
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2x

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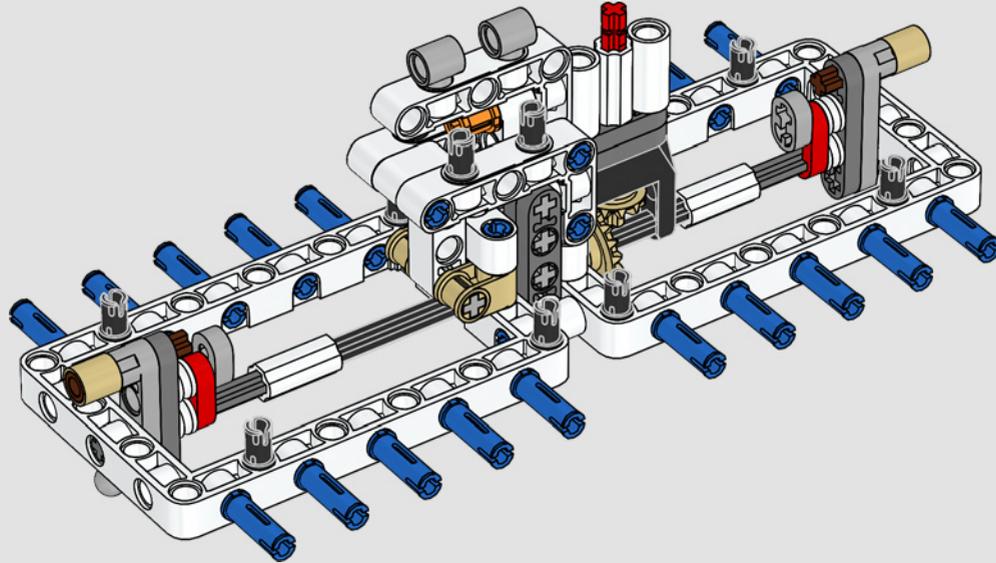
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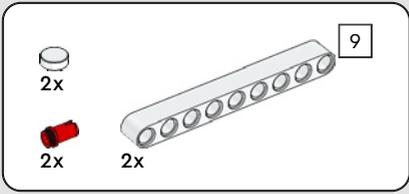




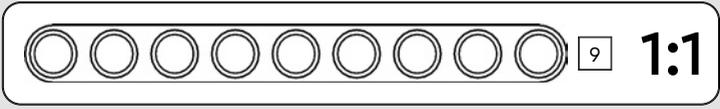
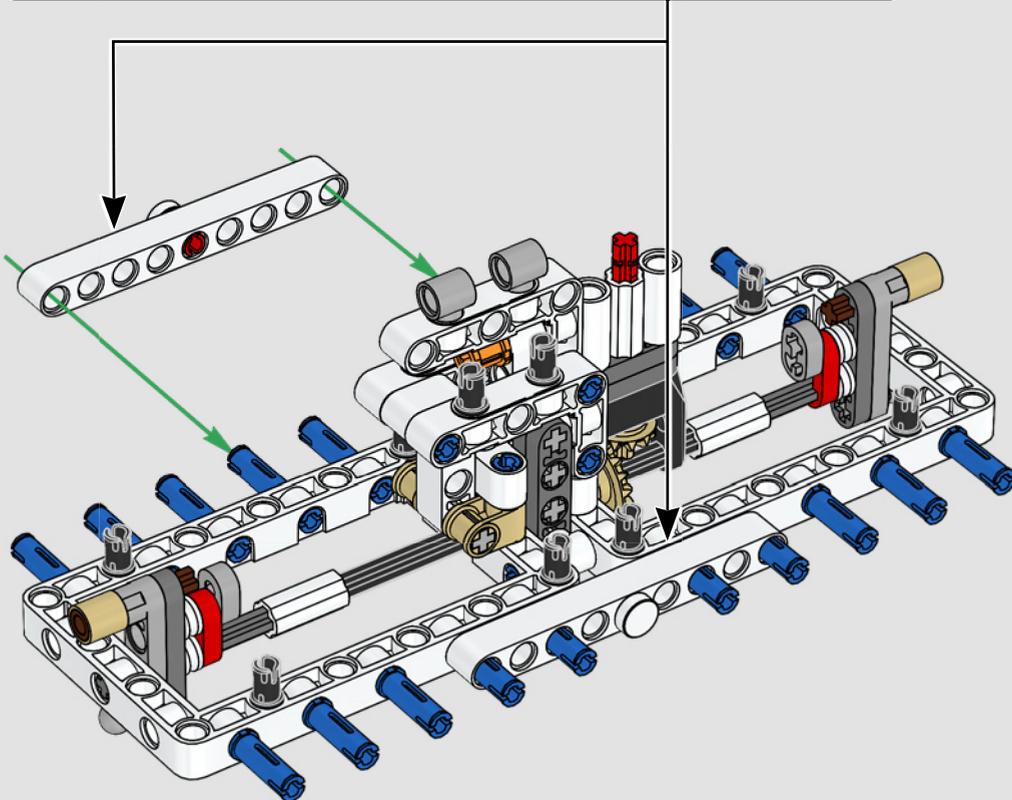
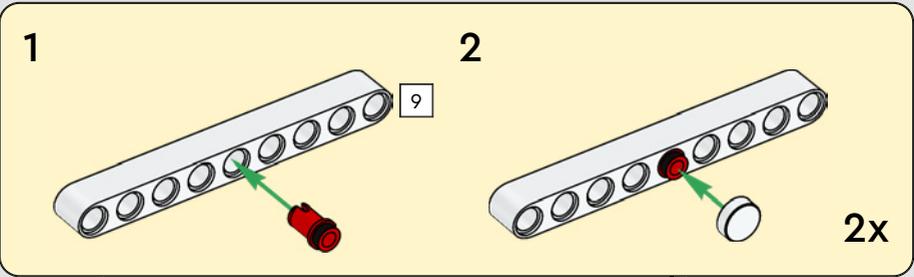
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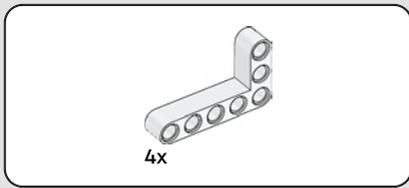
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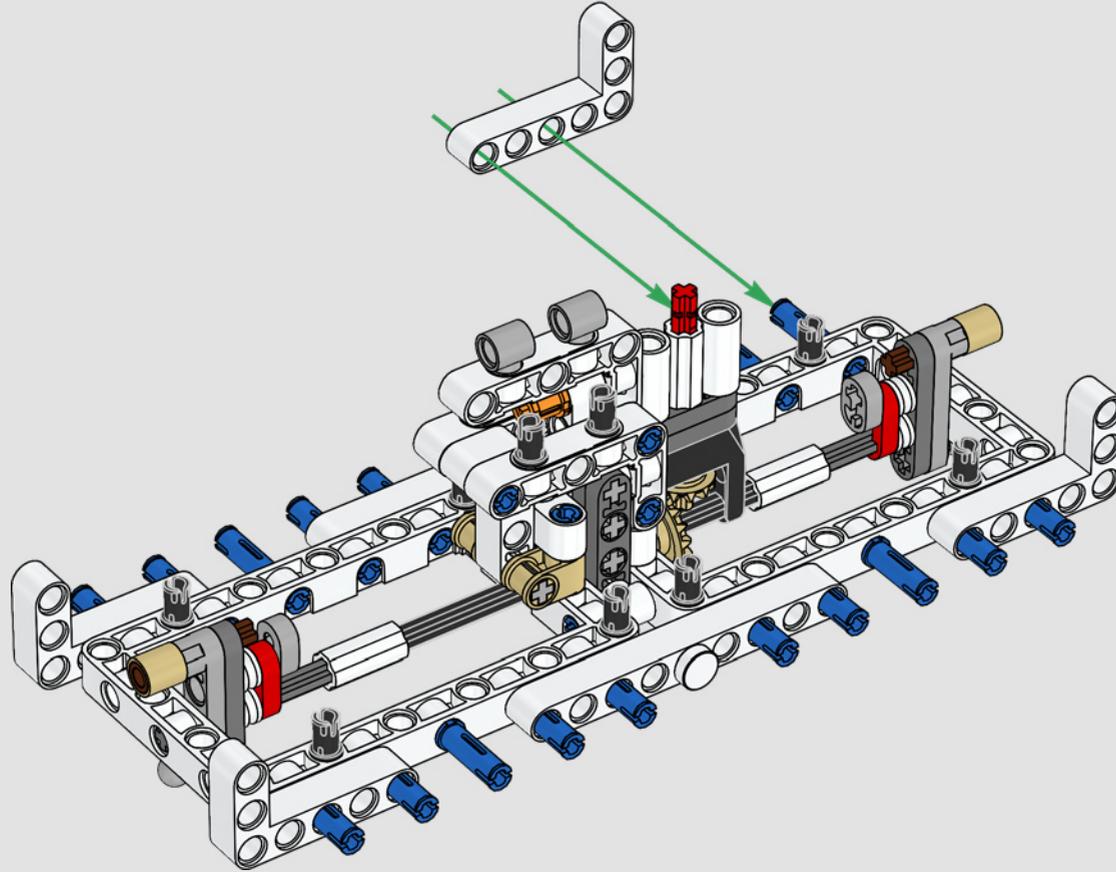


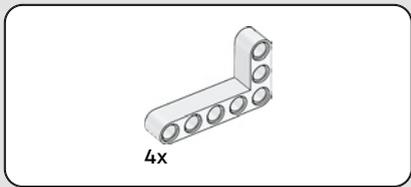
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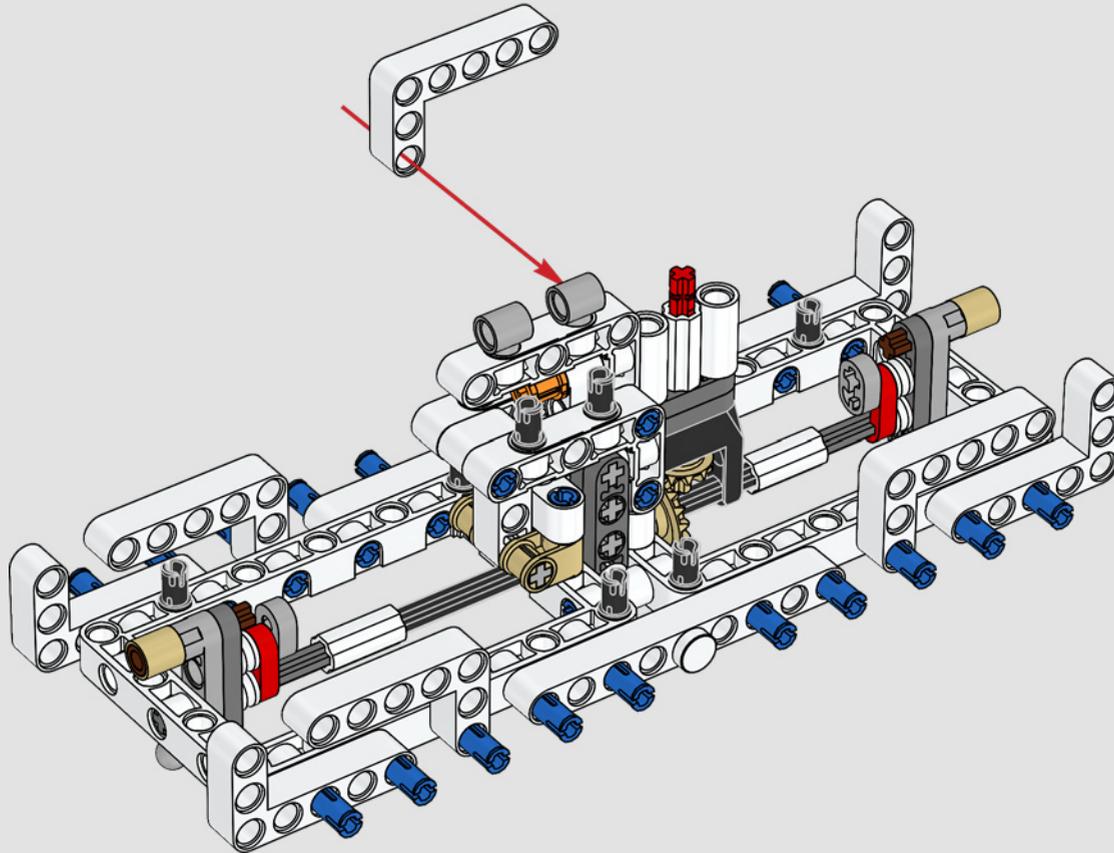


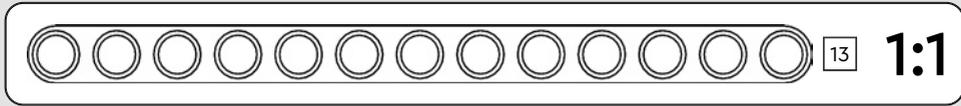
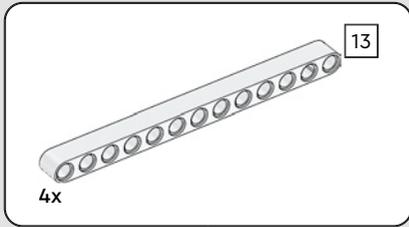
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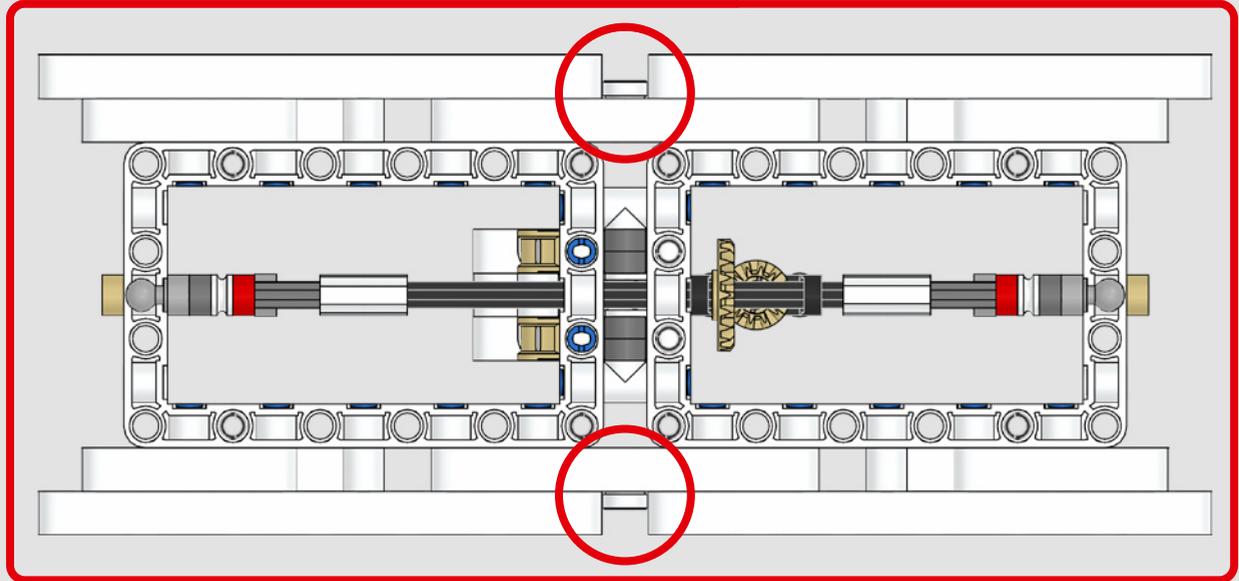
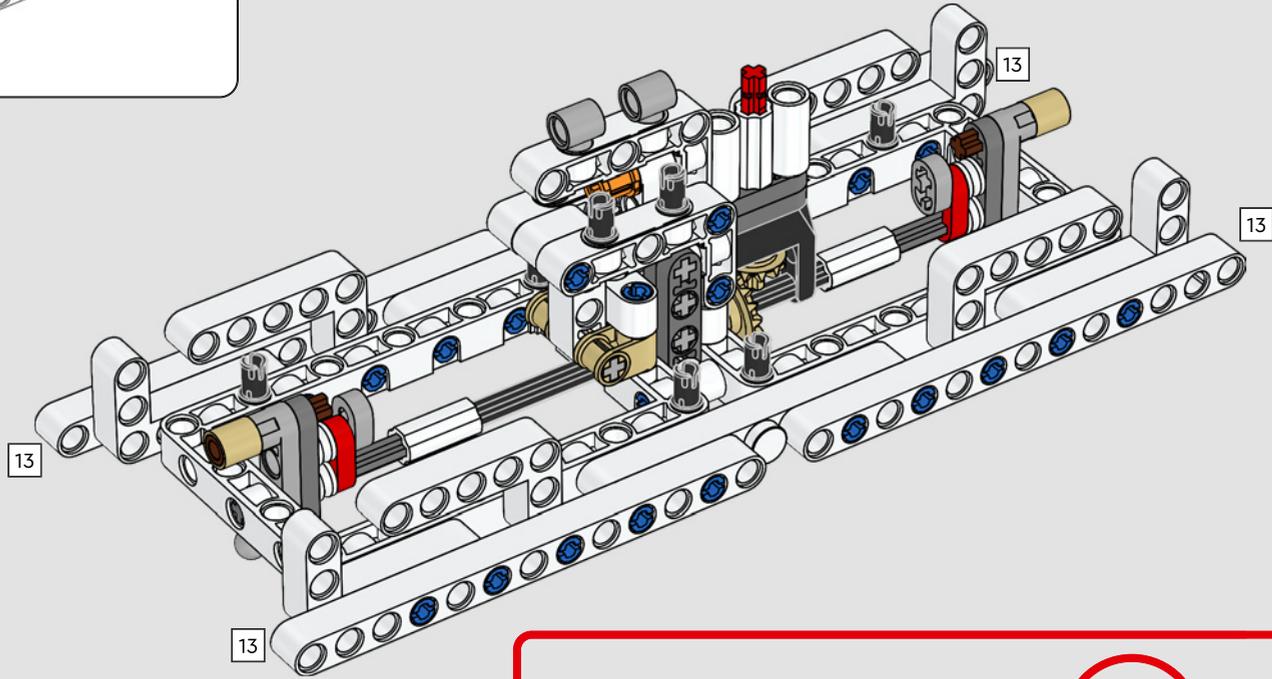


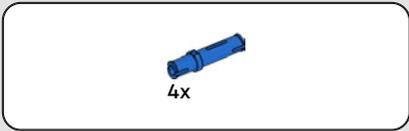
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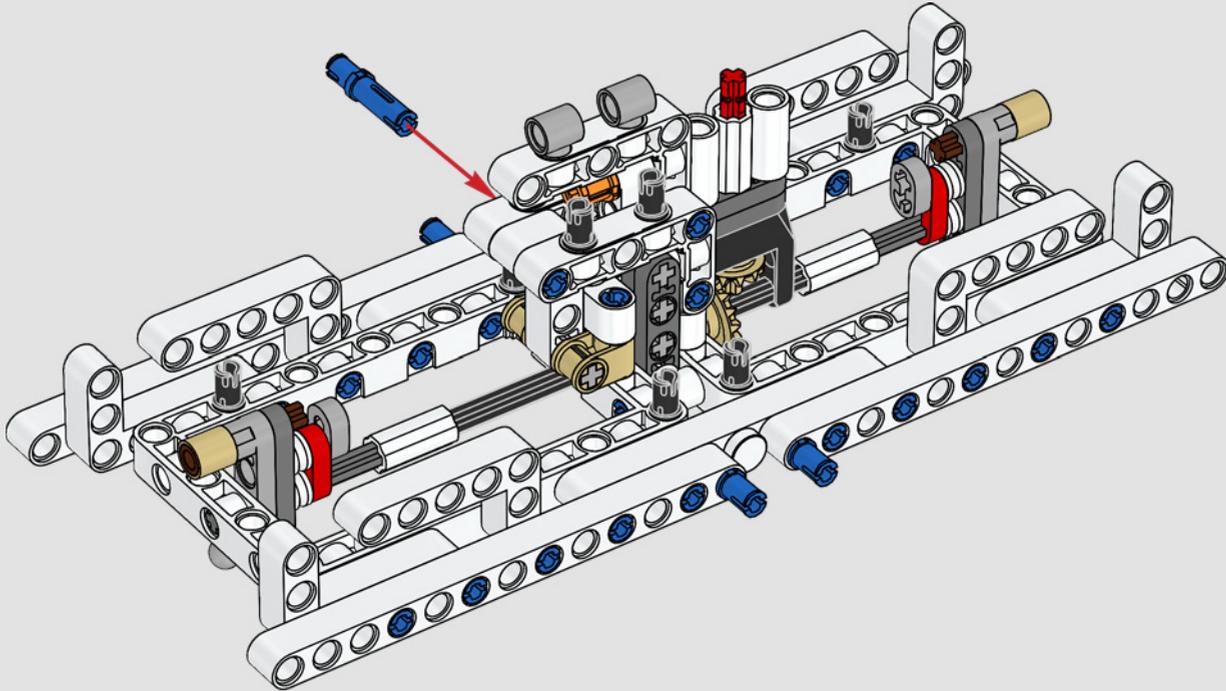


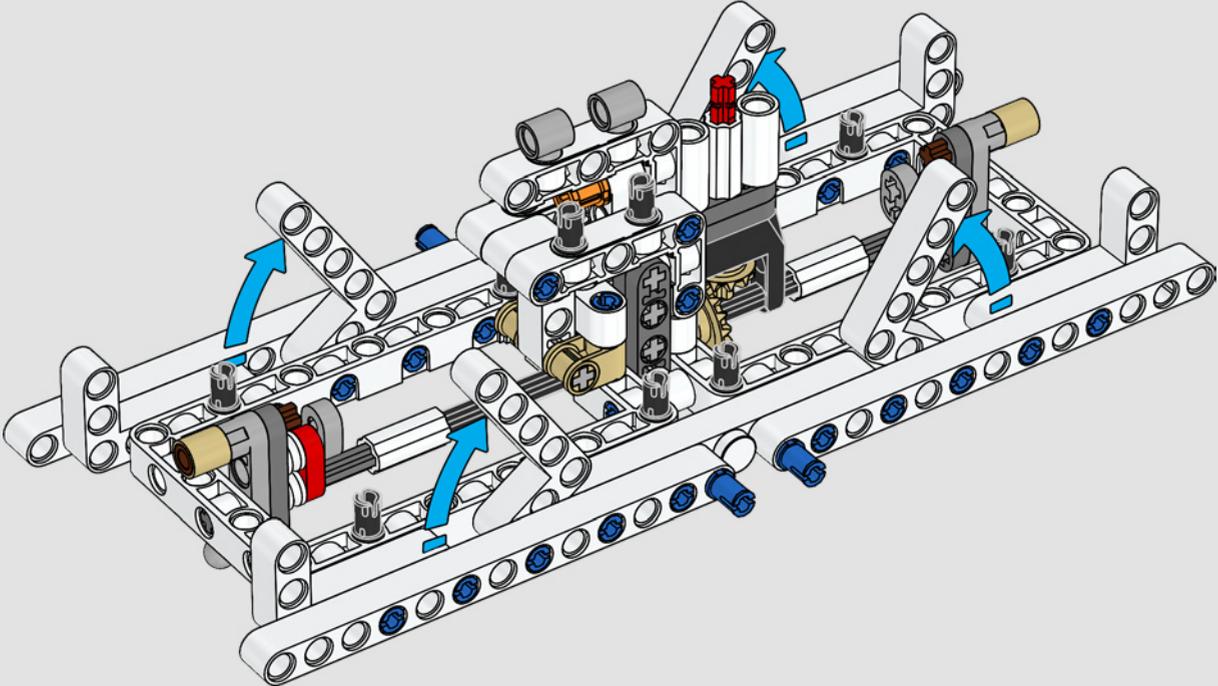
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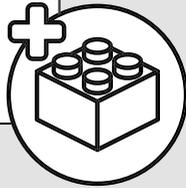
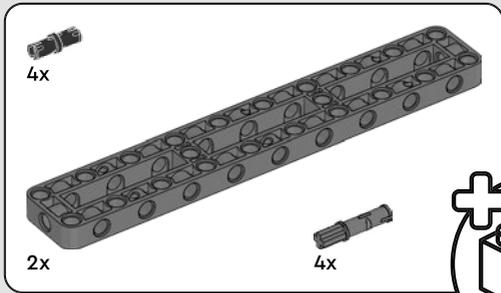
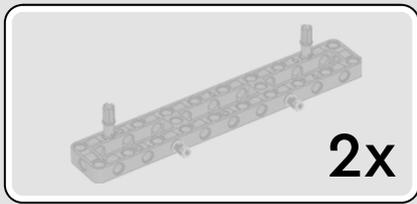




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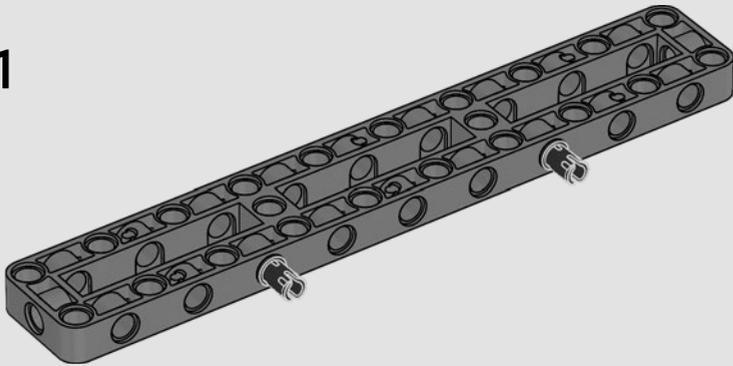




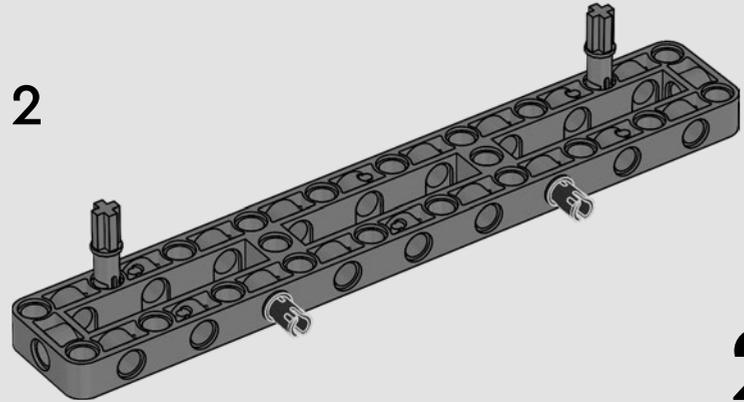


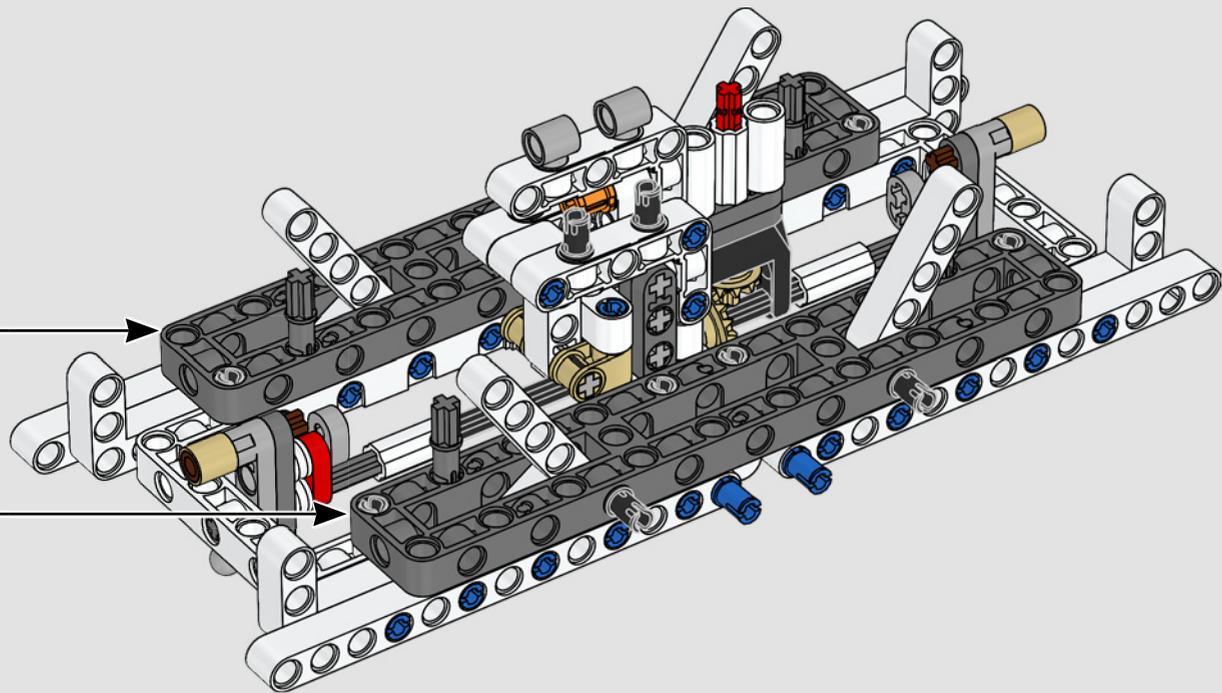
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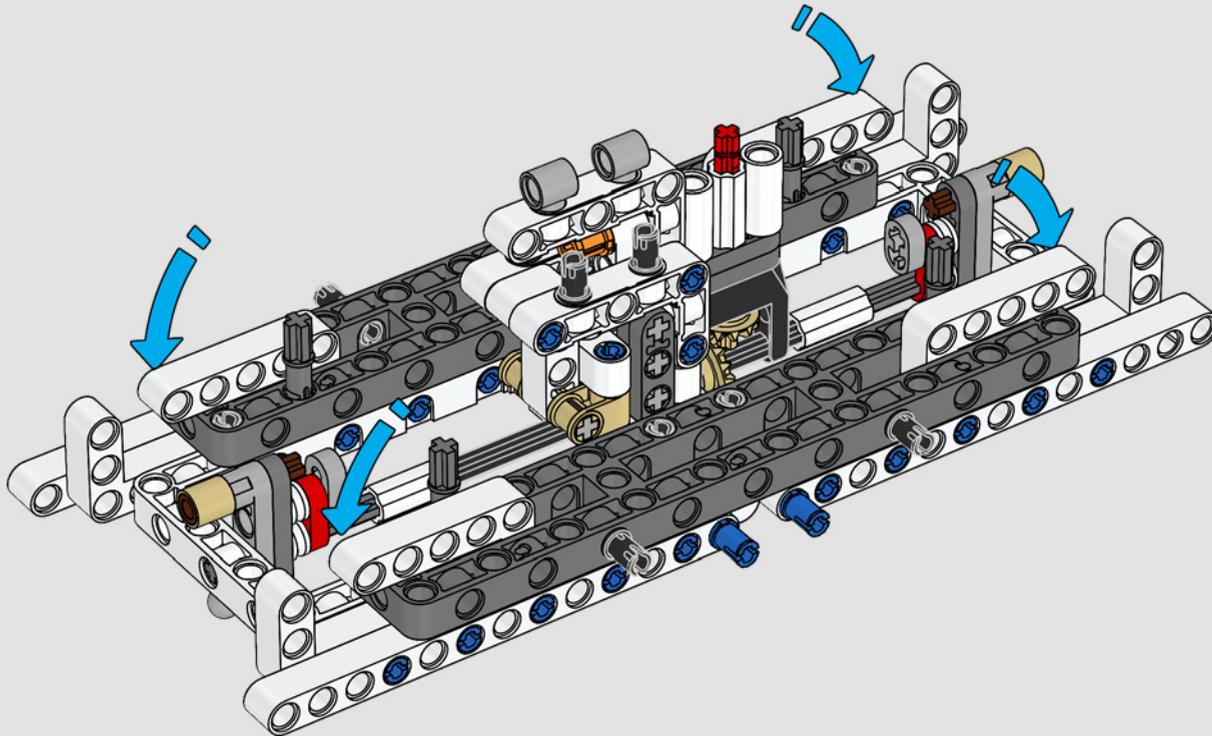


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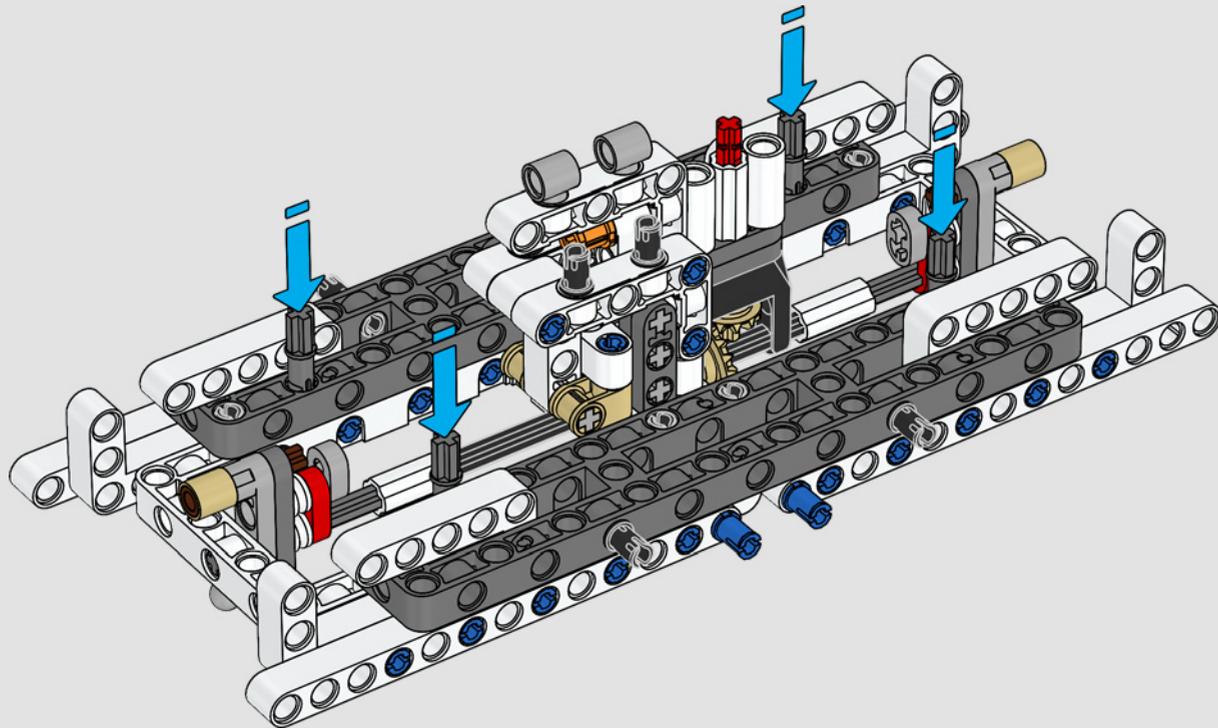




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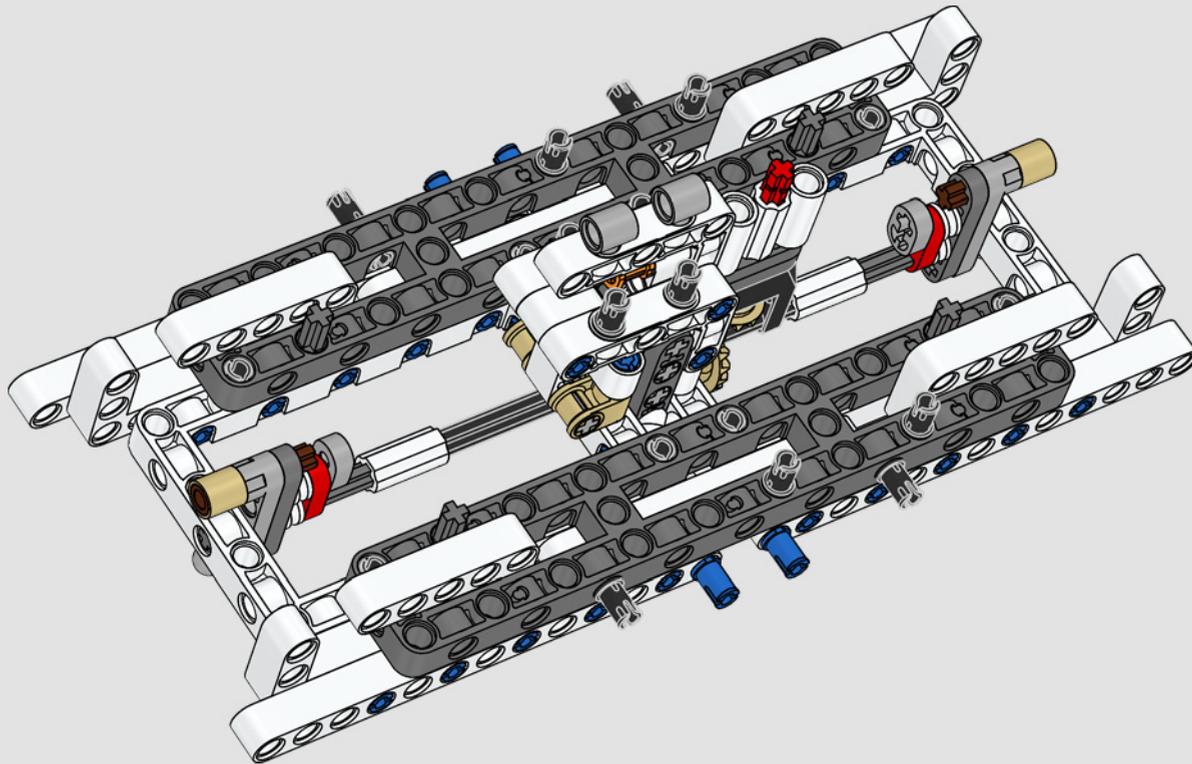
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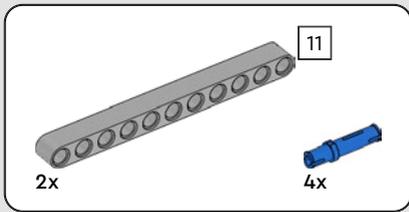




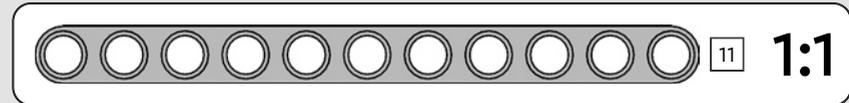
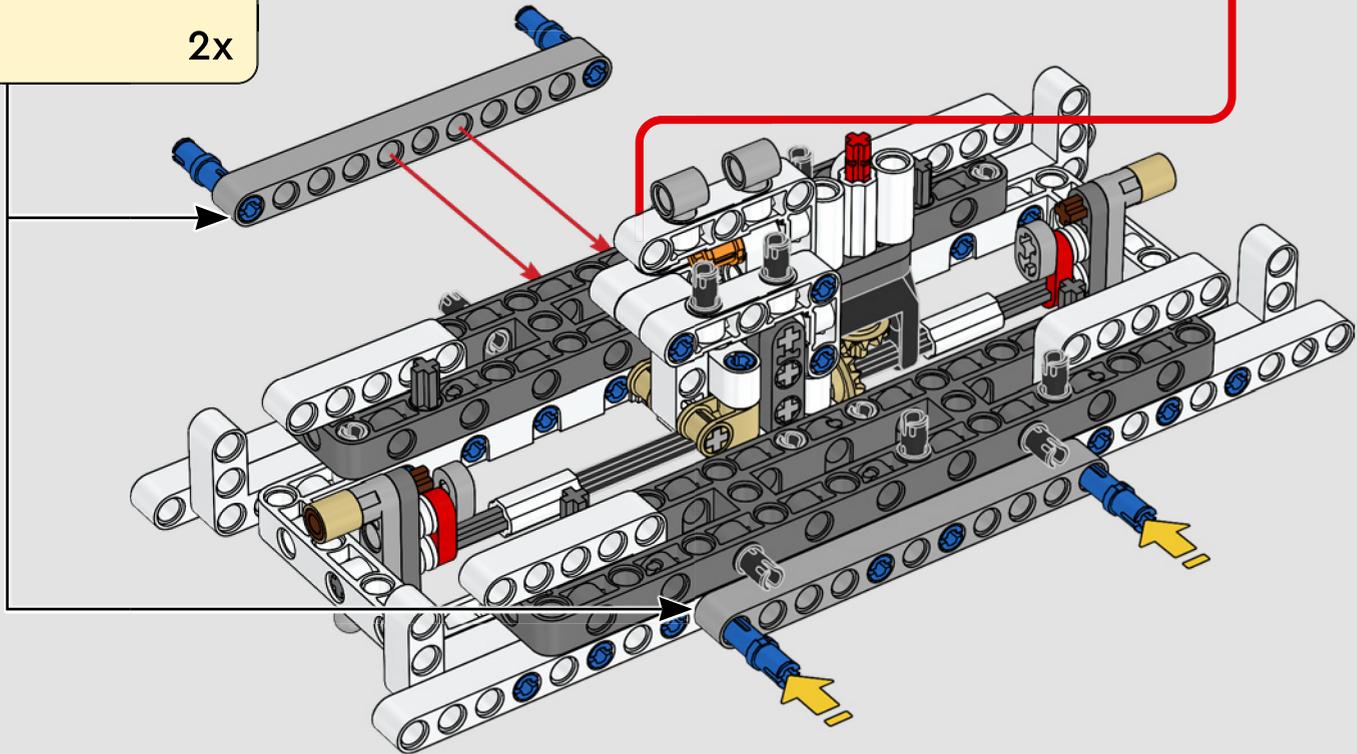
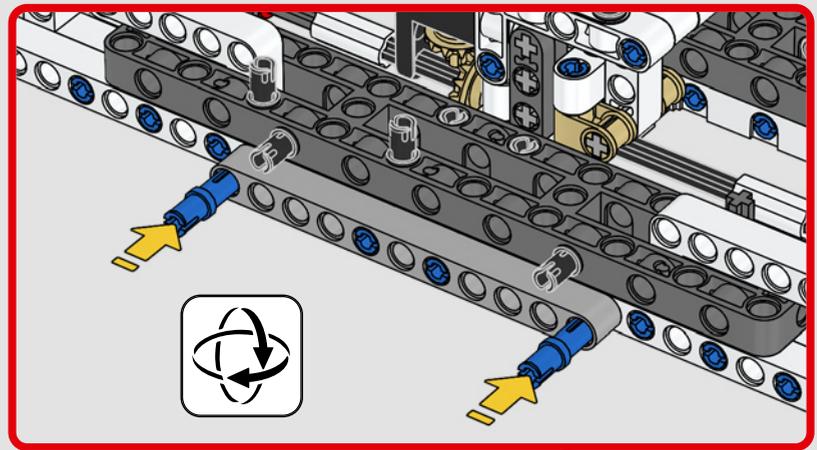
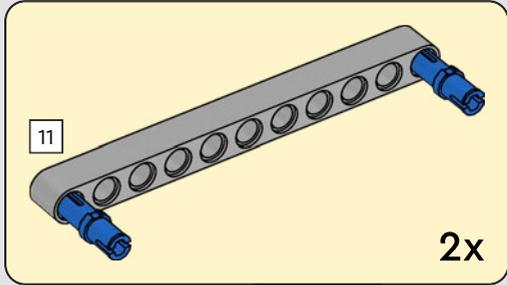
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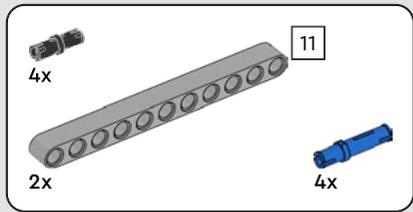
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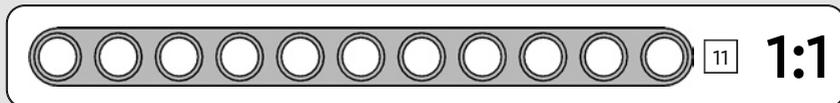
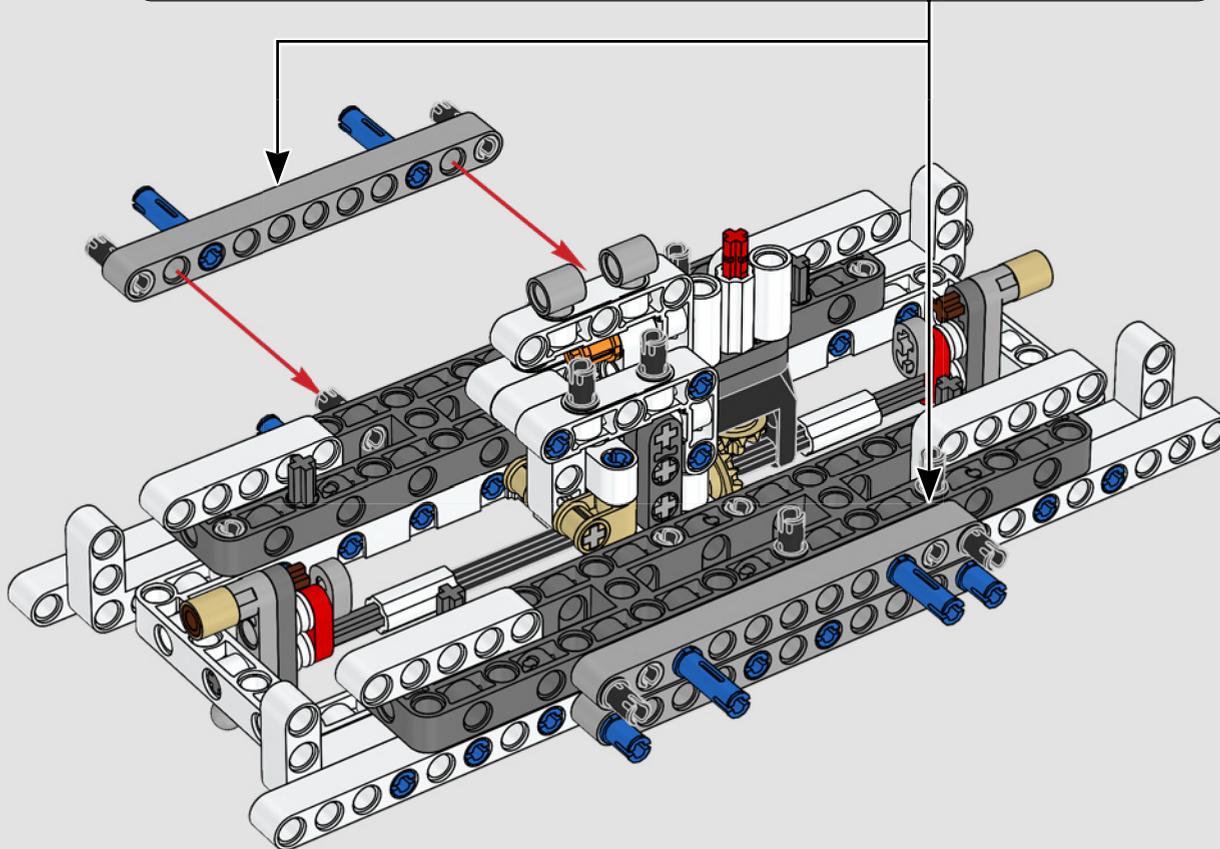
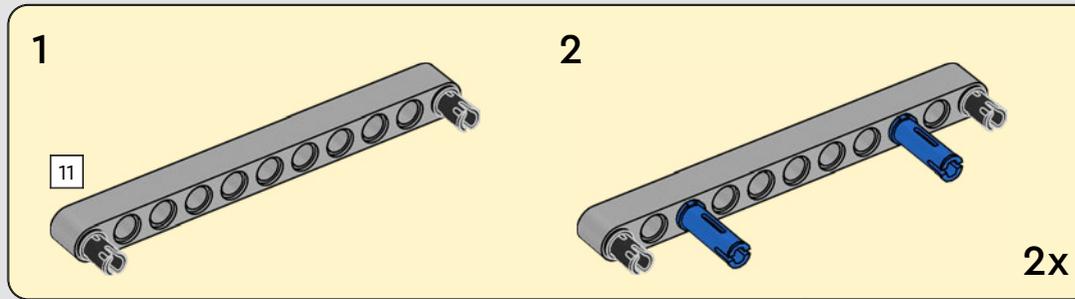


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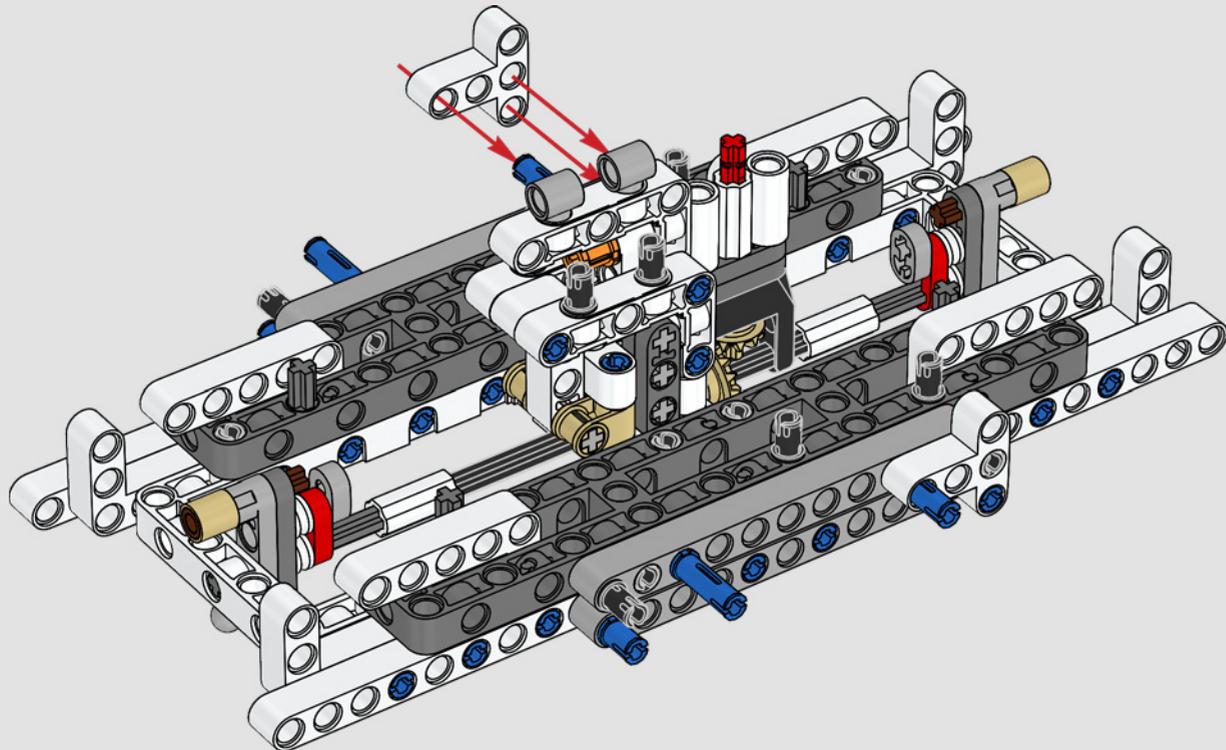
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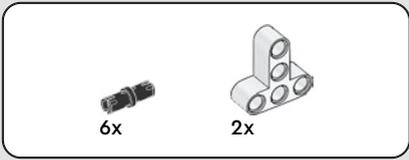




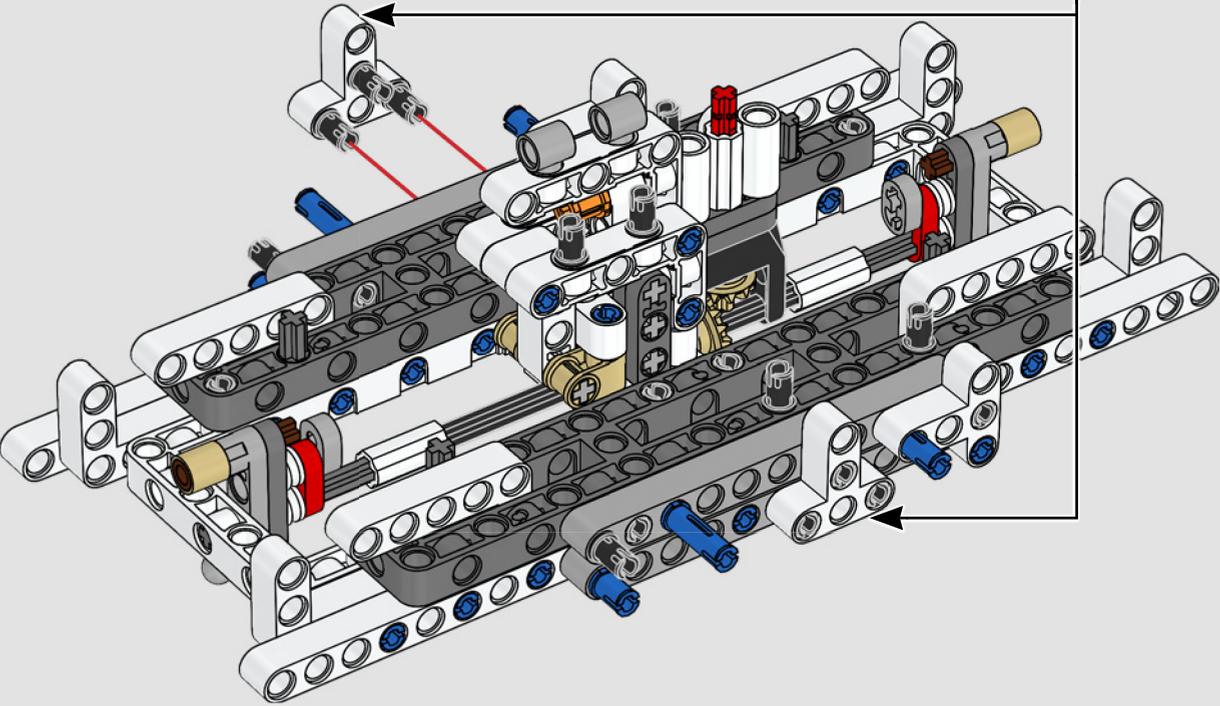
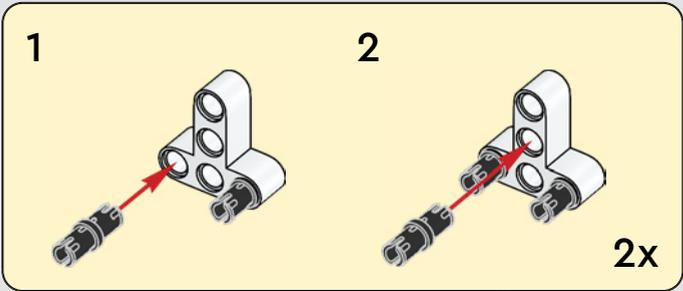
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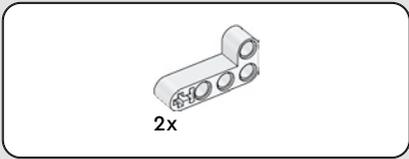
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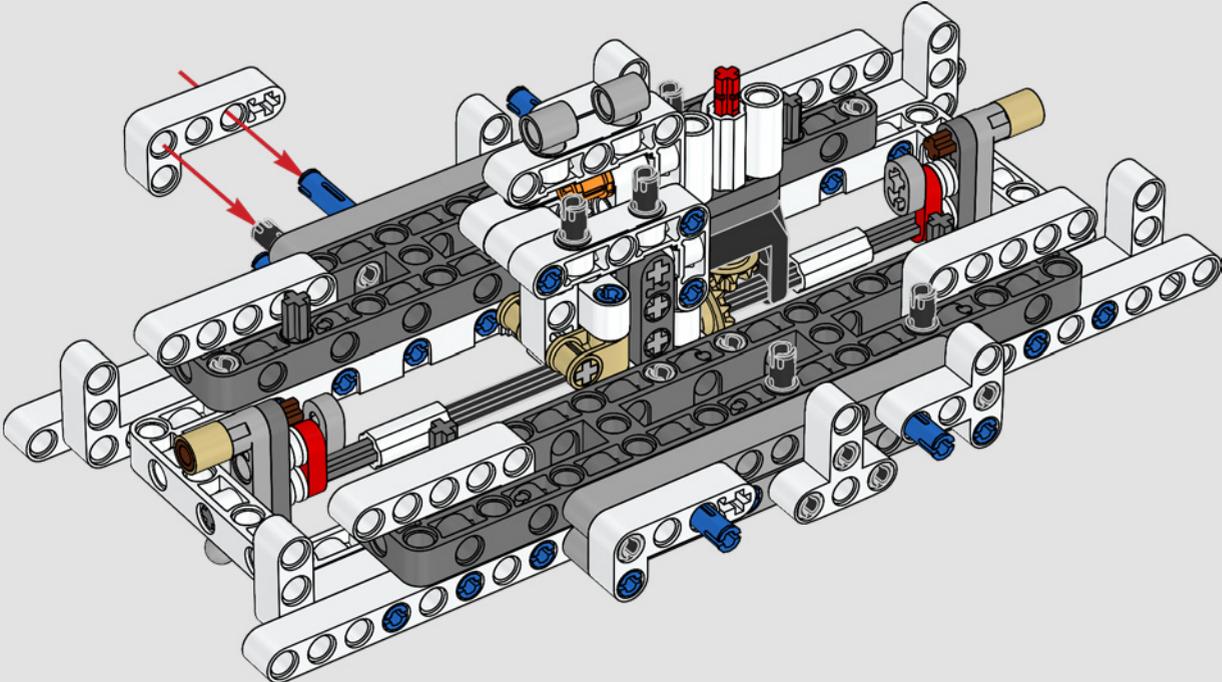


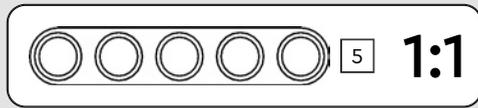
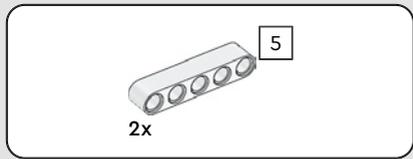
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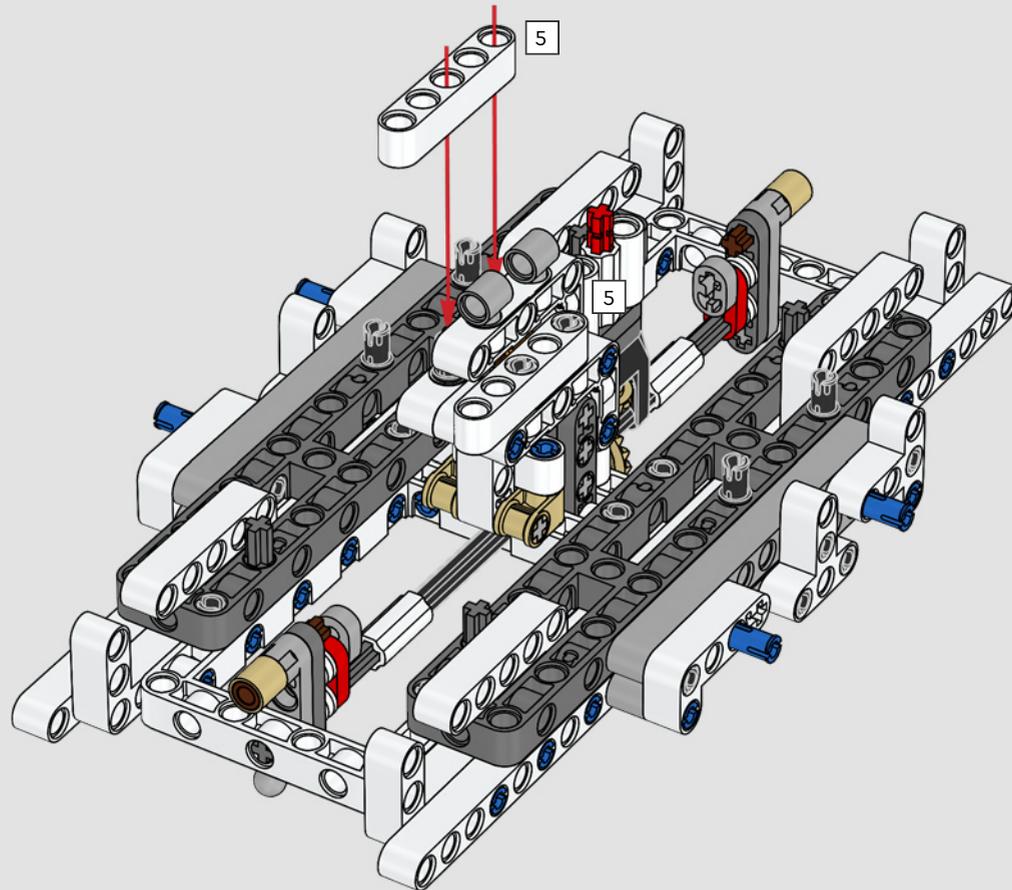


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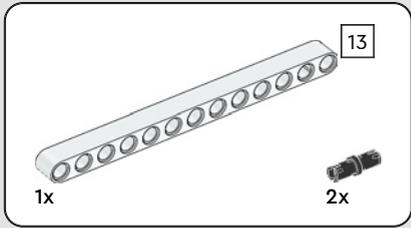
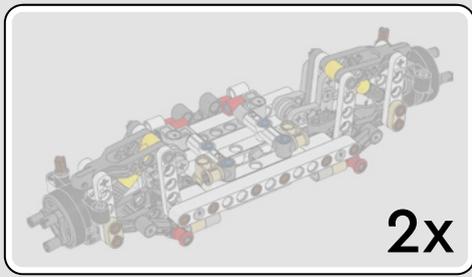




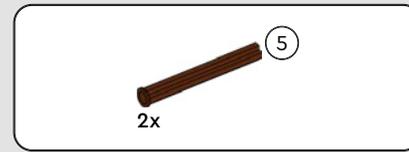
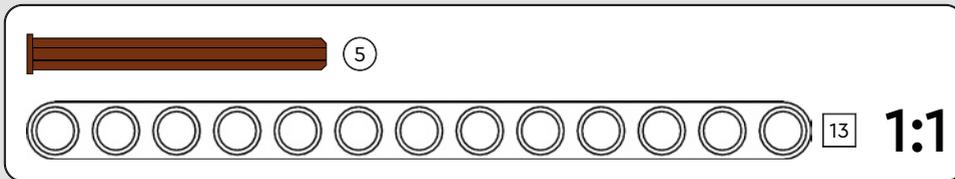
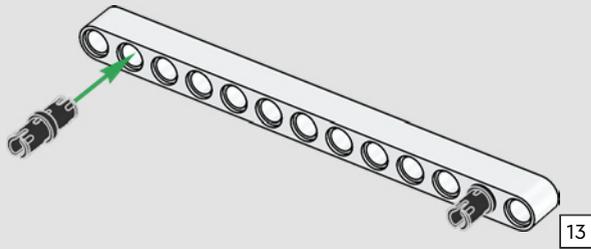
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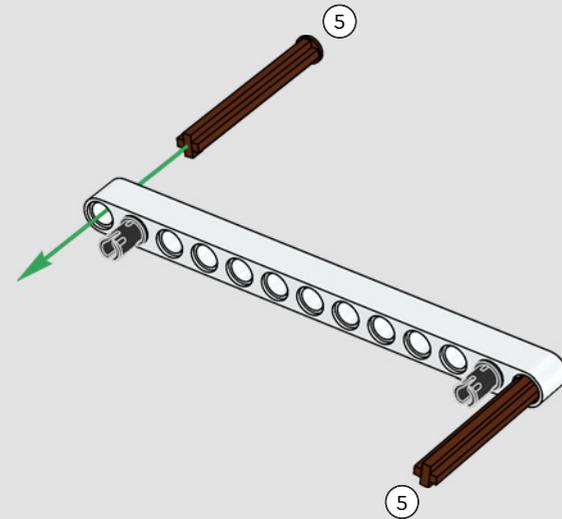


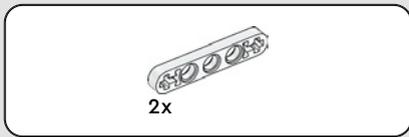


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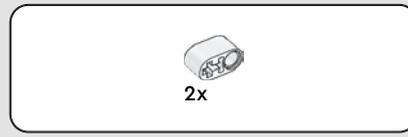
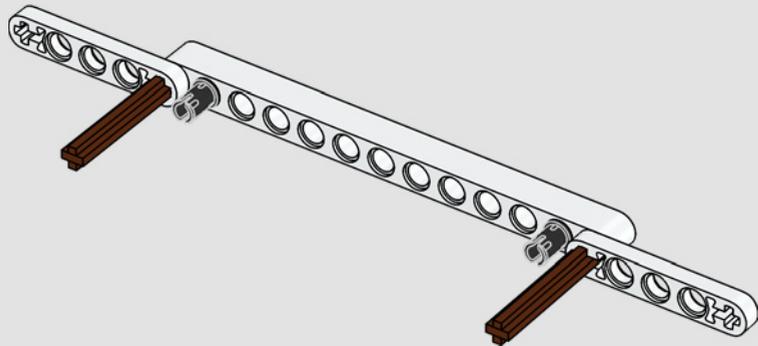


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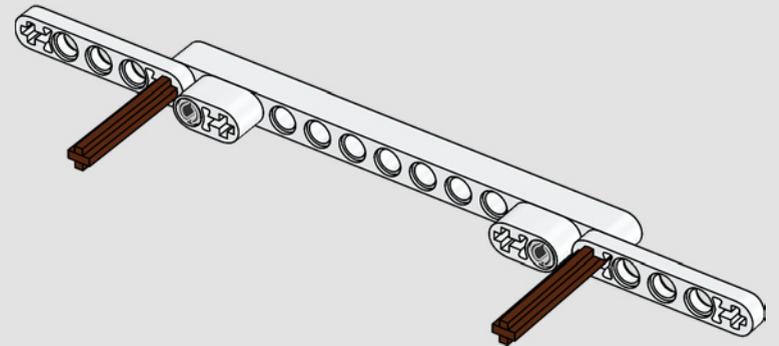


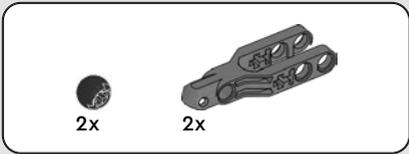


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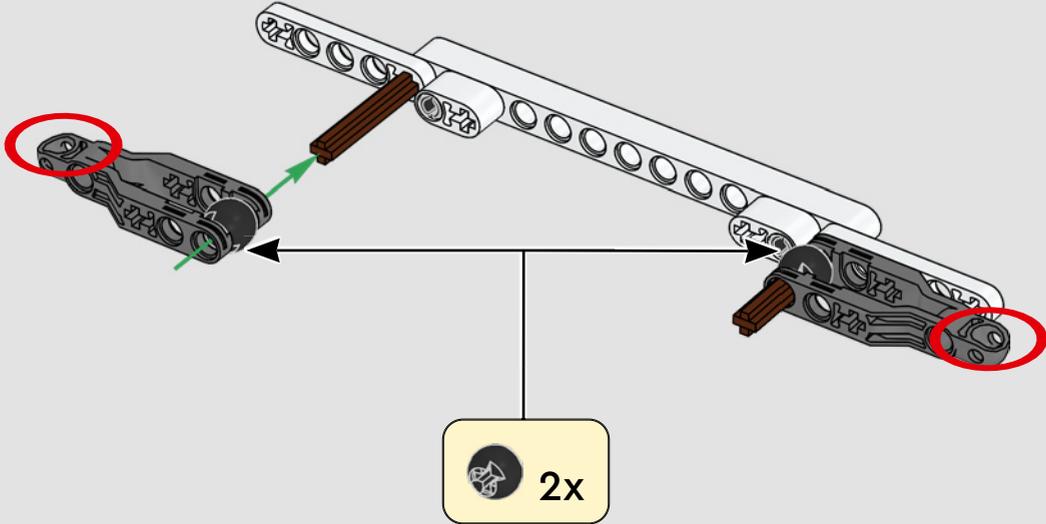
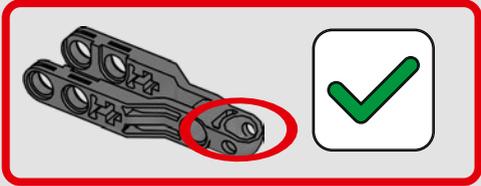


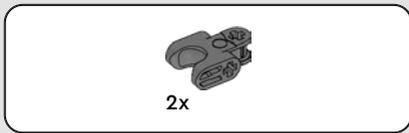
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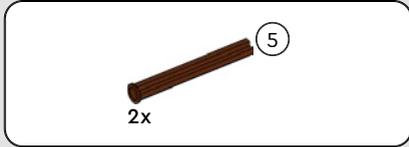
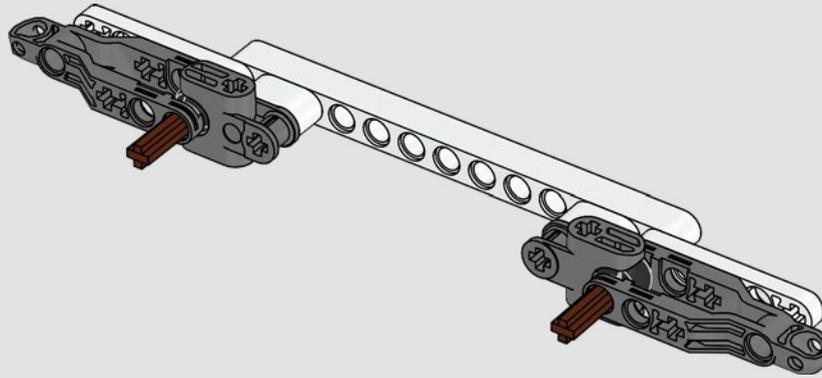


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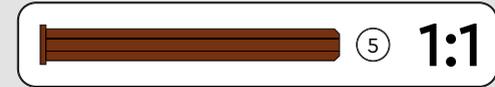
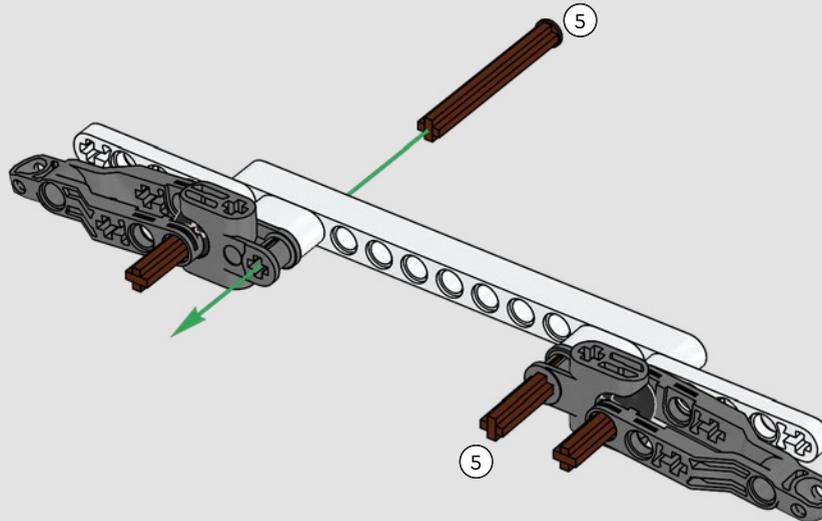




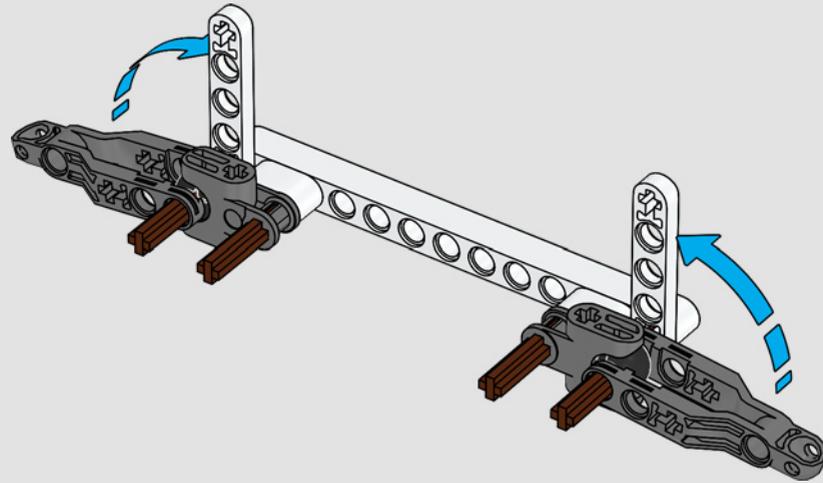
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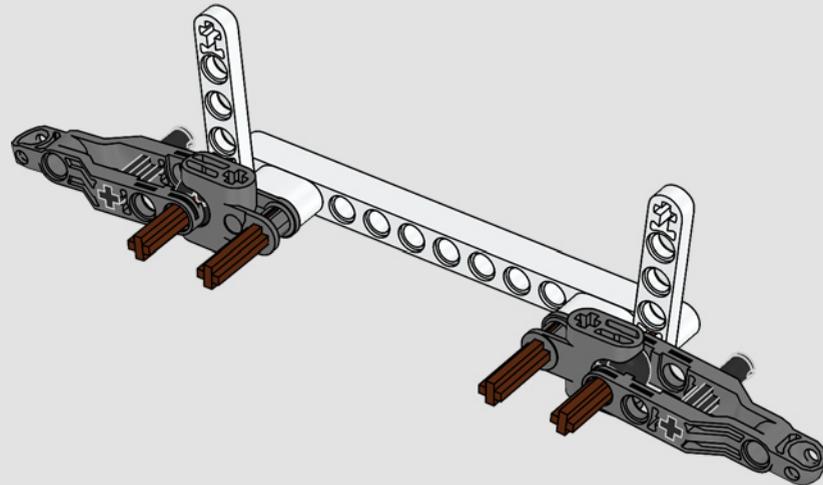
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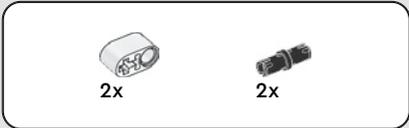


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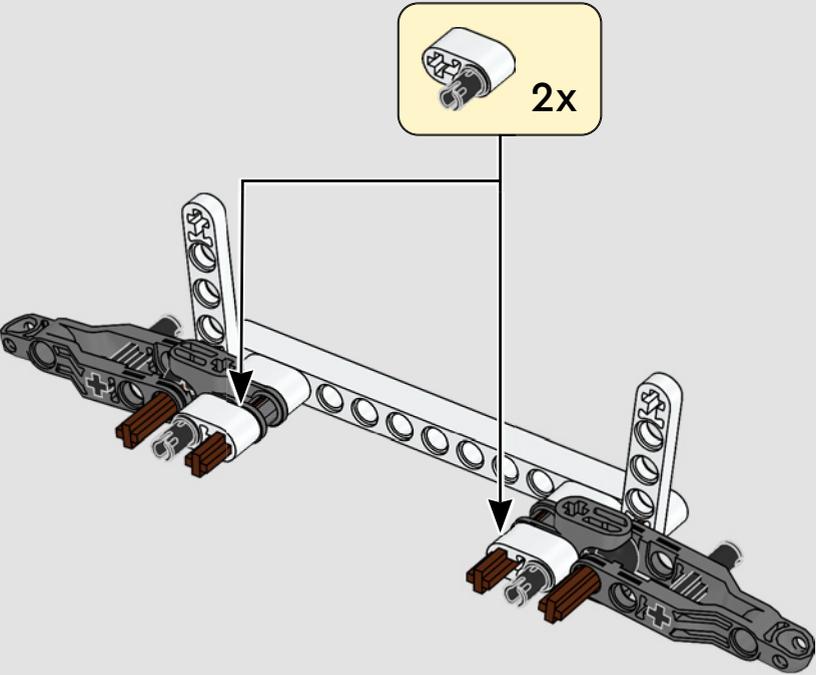


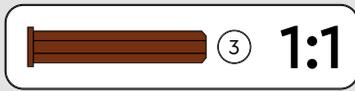
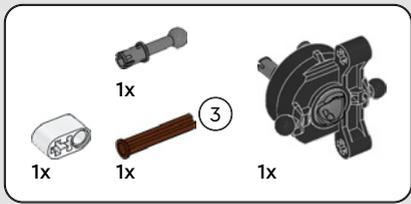
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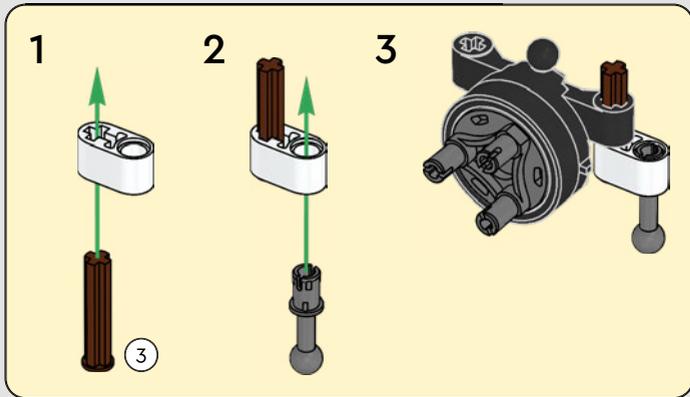
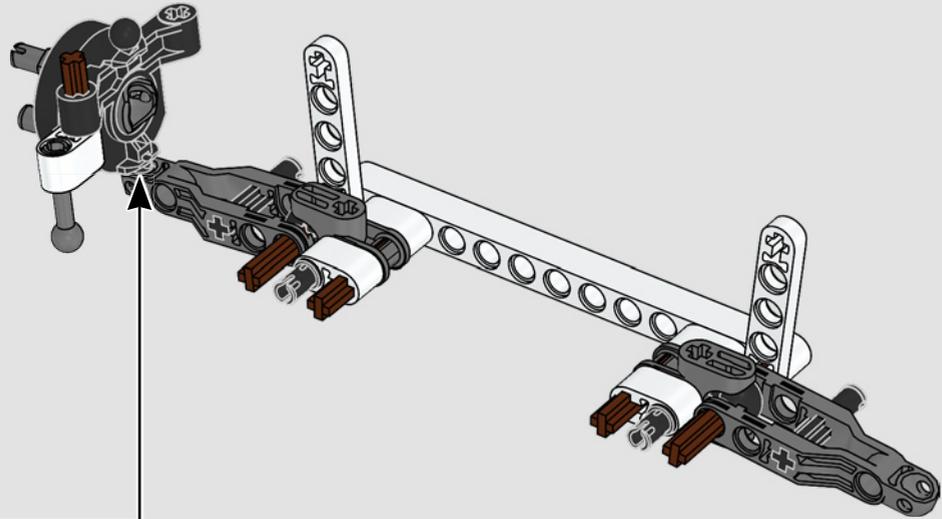


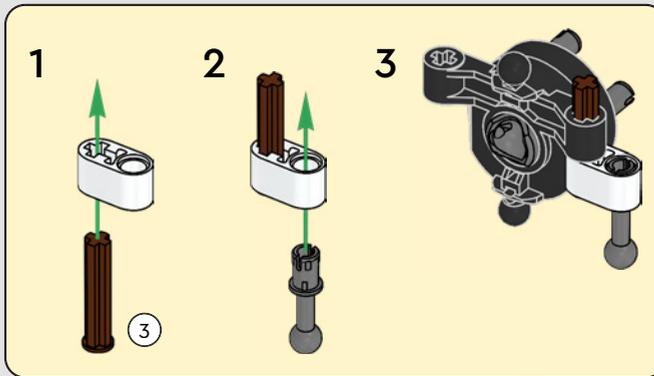
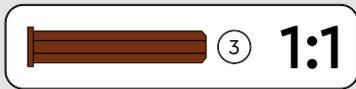
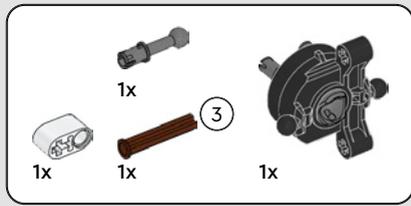
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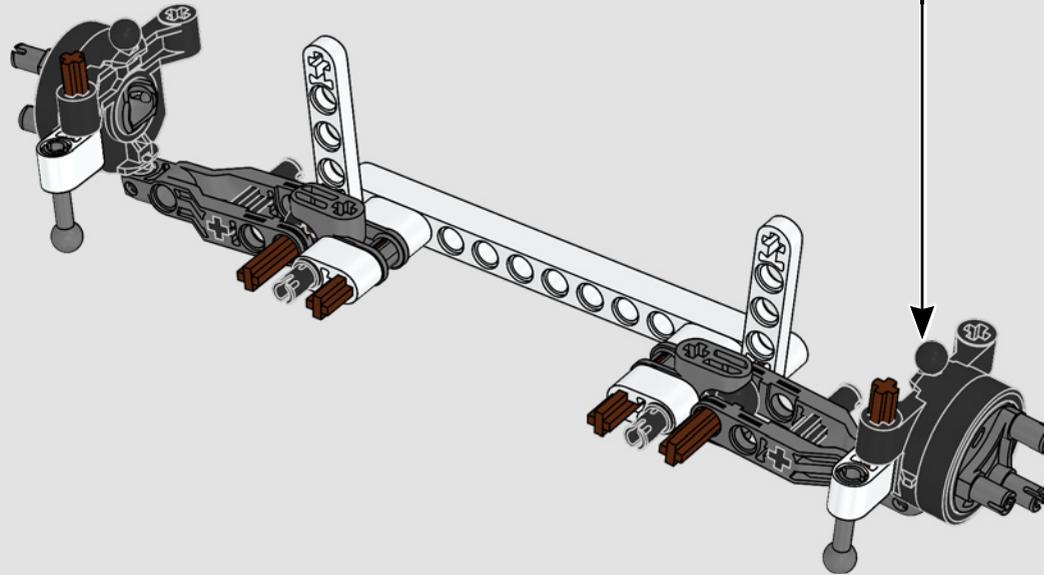


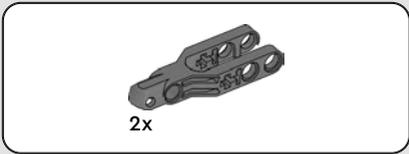
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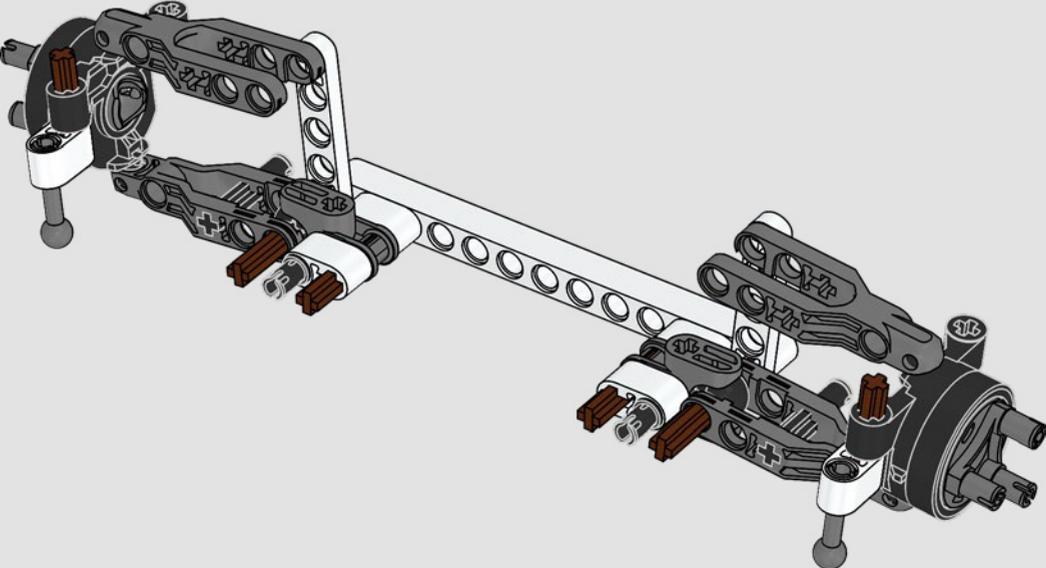


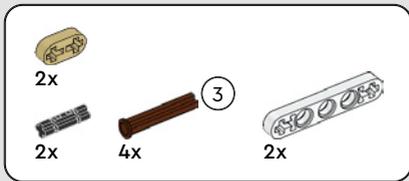
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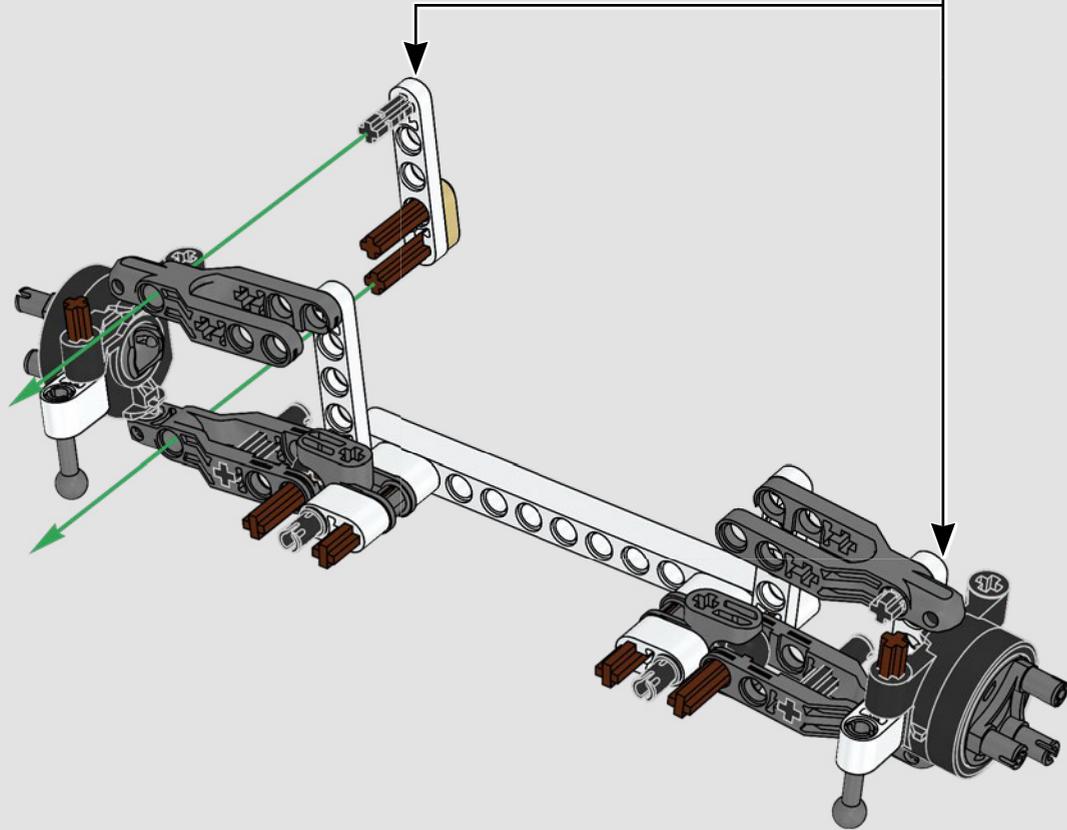
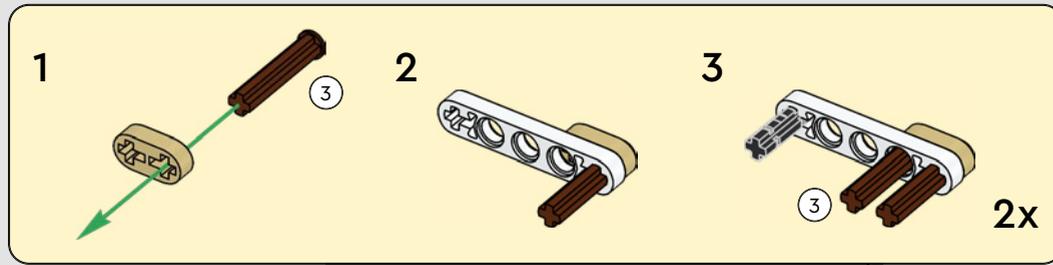


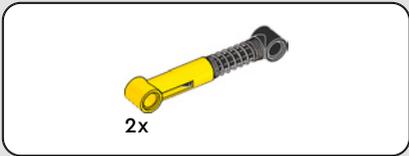
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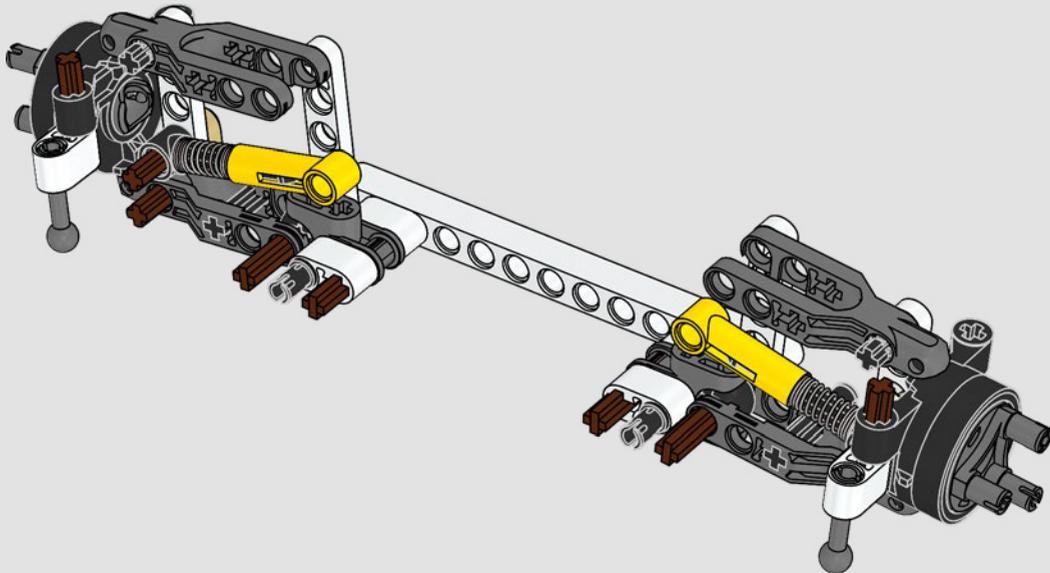


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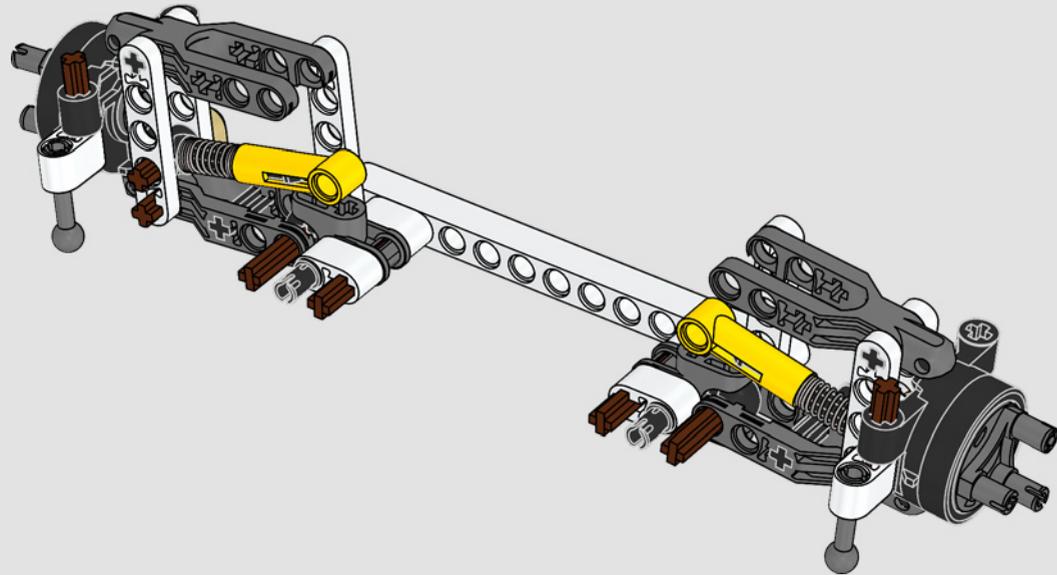
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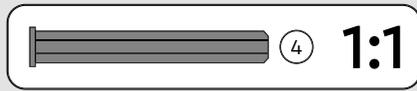
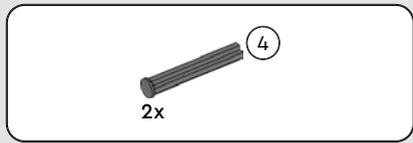




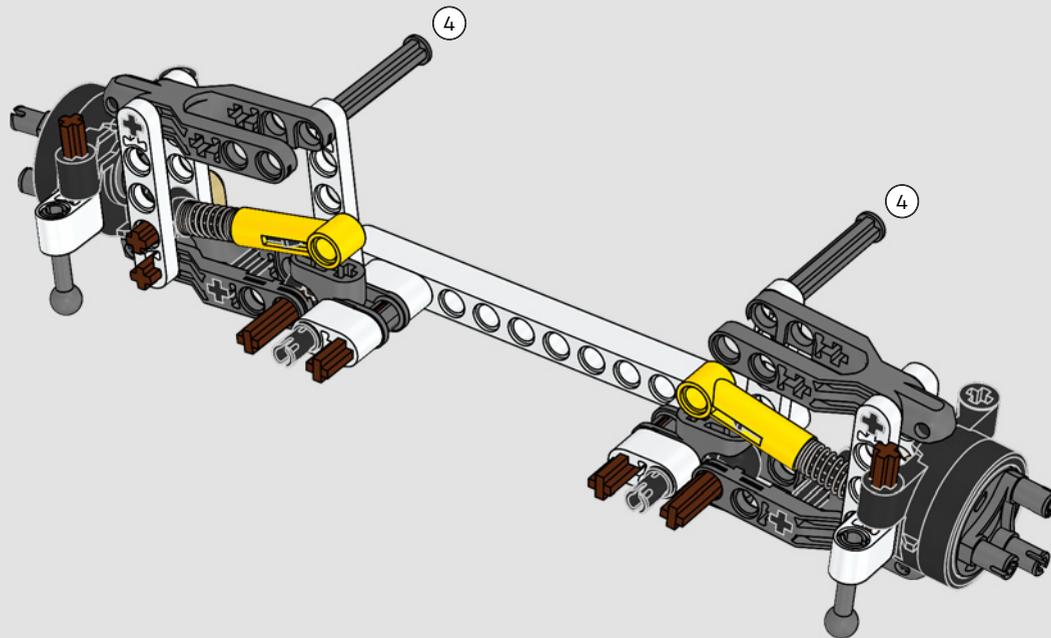
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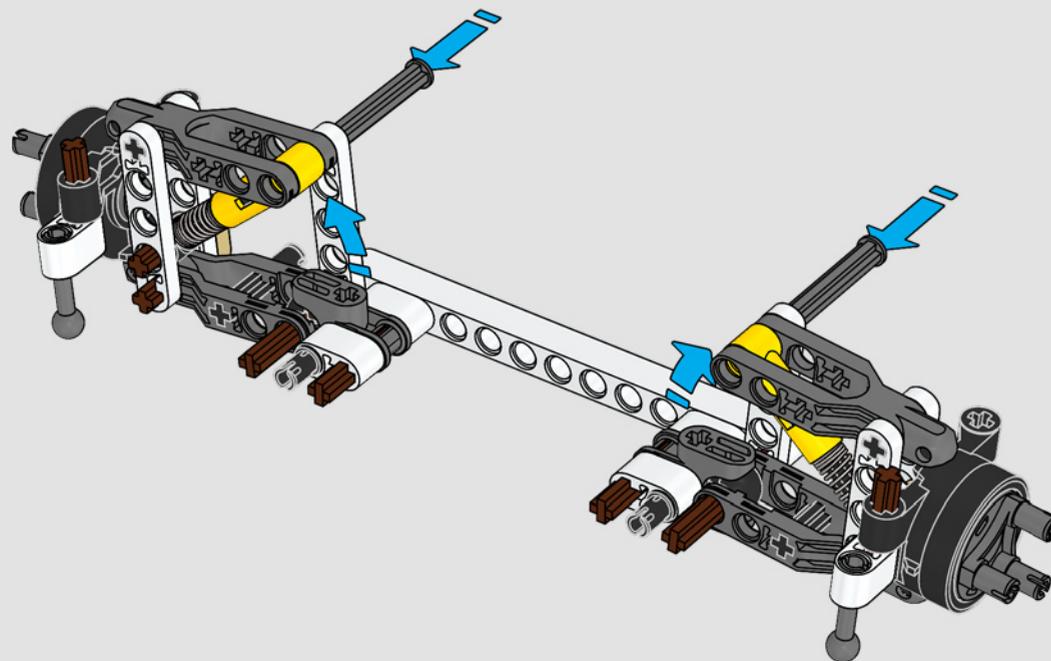
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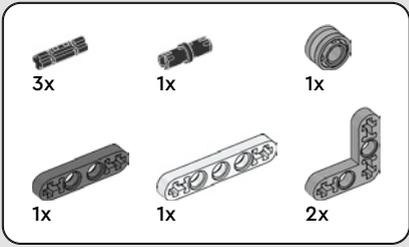




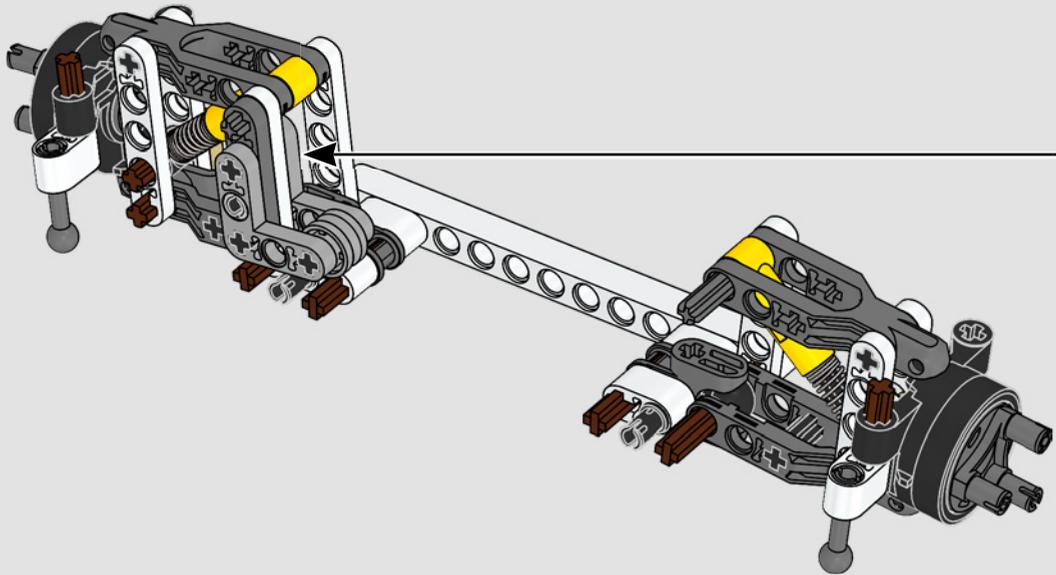
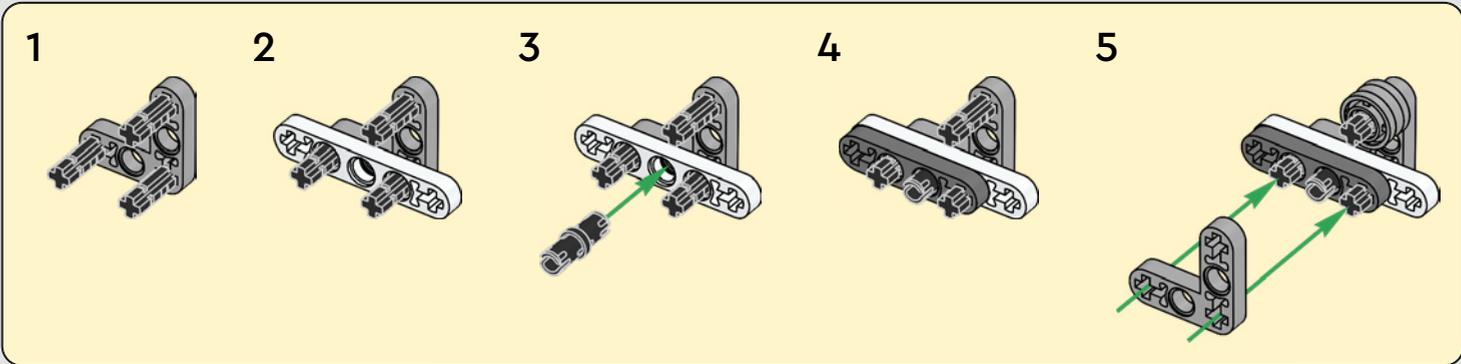
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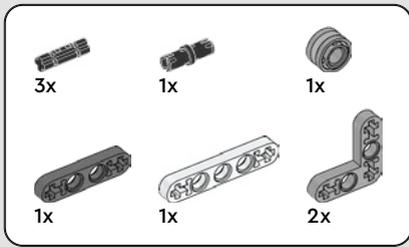




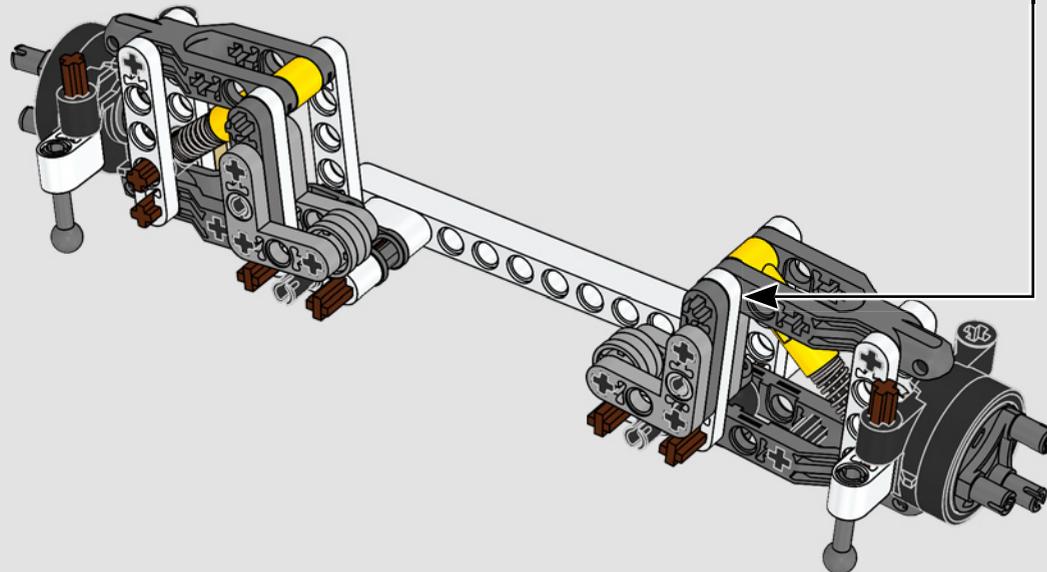
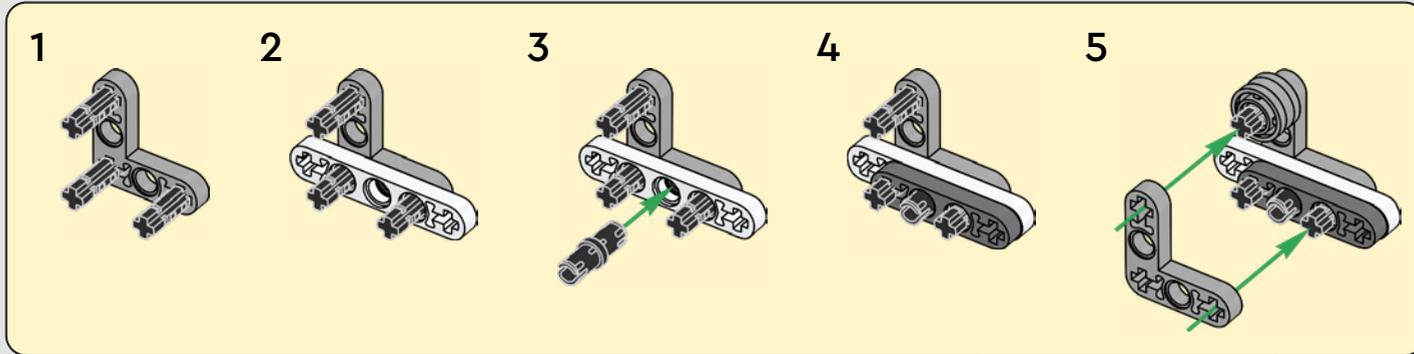


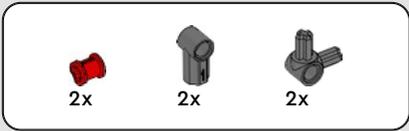
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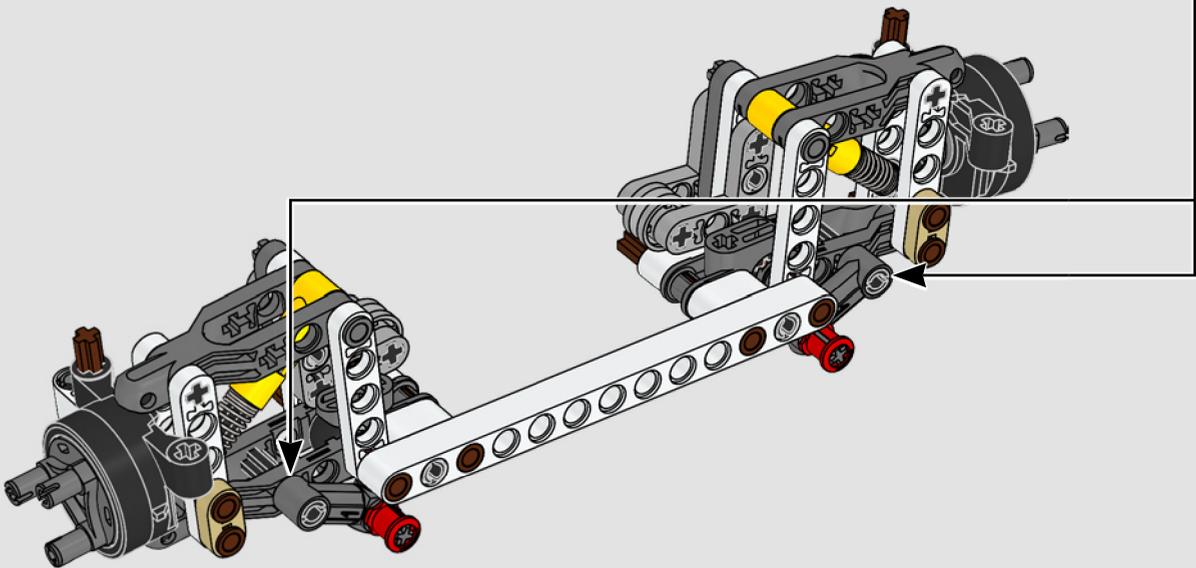
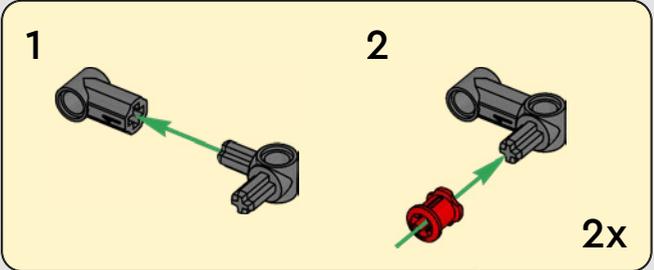


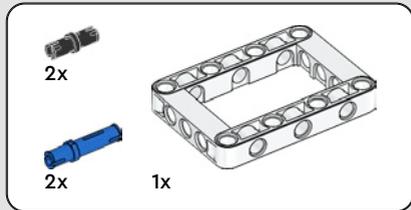
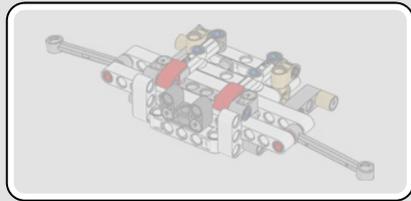
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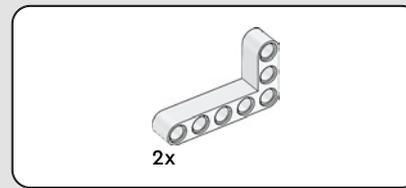
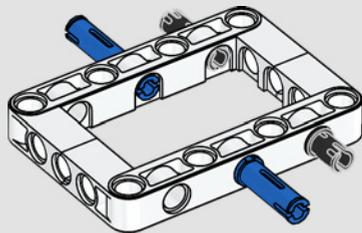


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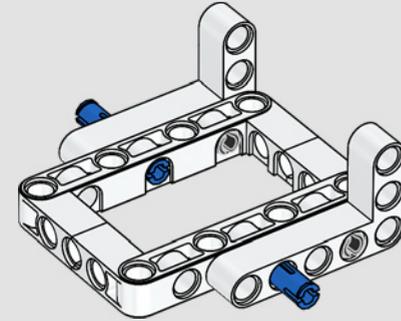




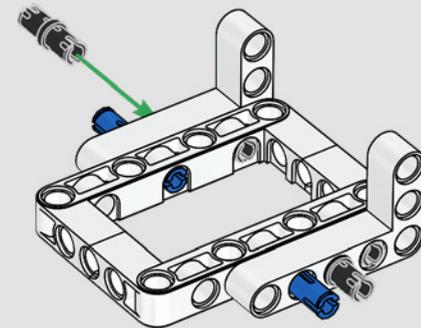
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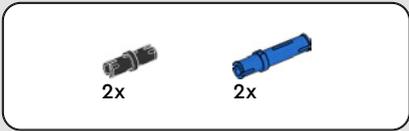


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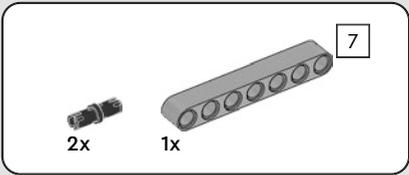
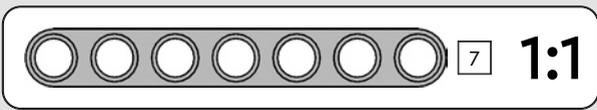
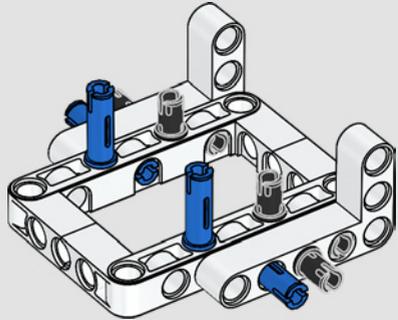


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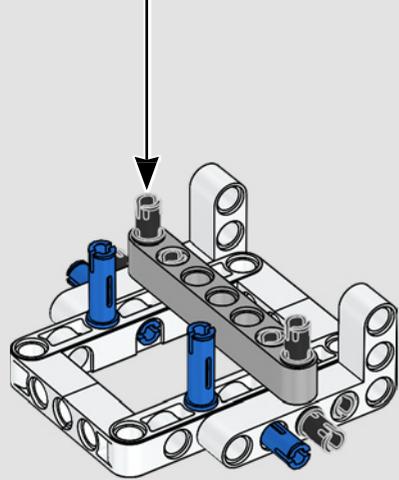
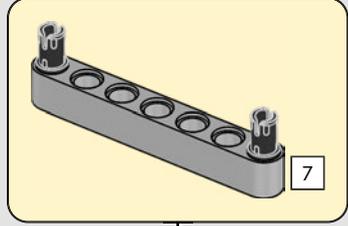


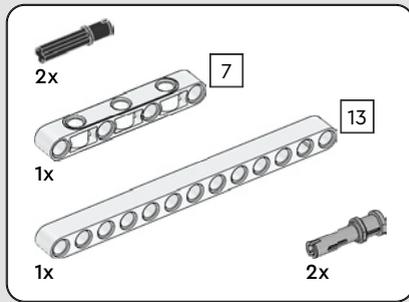


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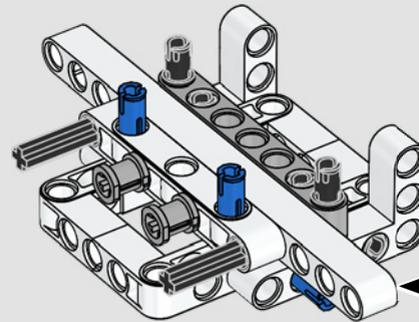
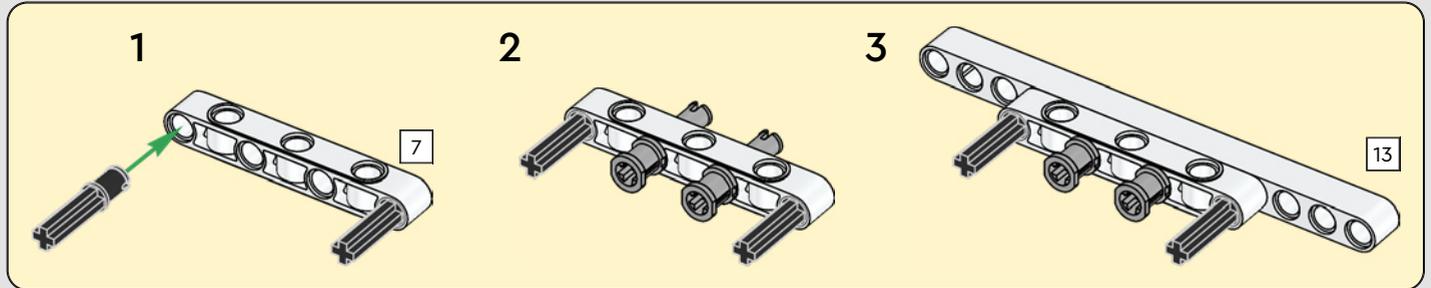
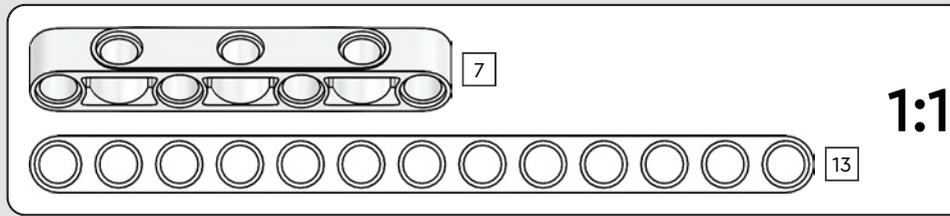


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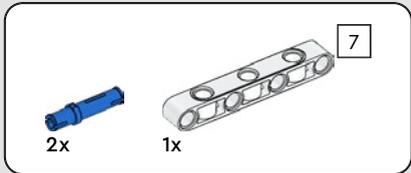
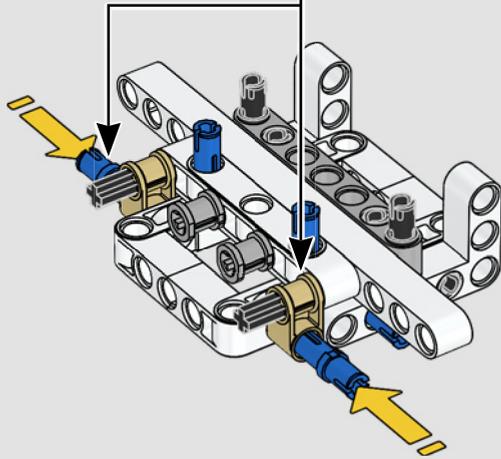
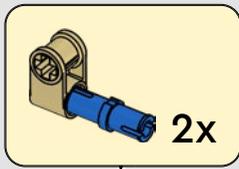


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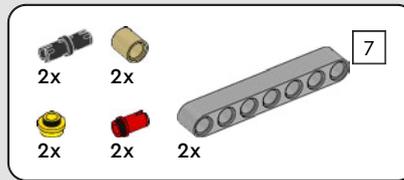
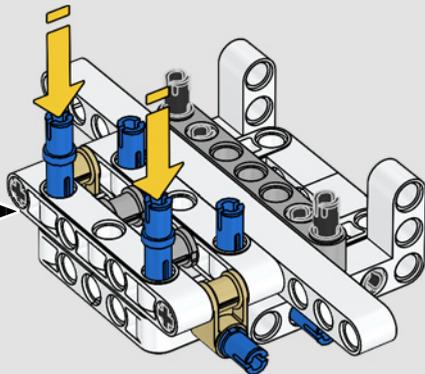
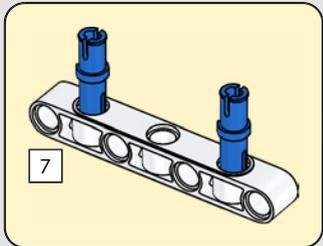




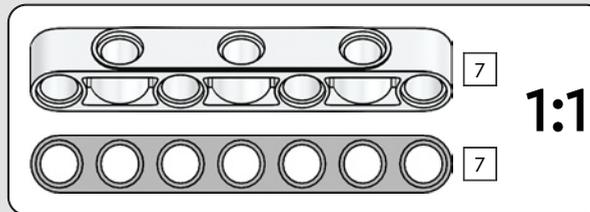
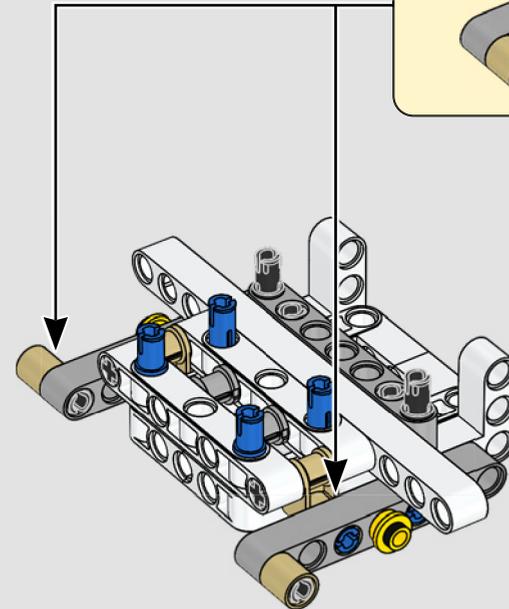
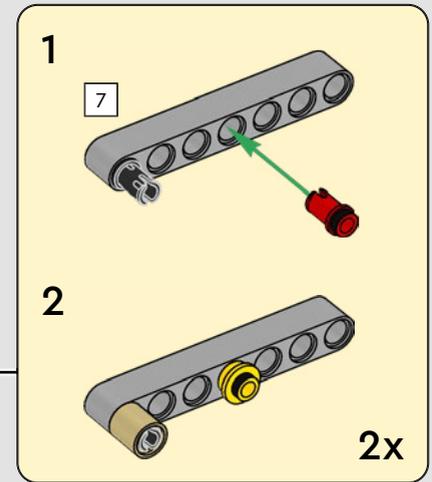
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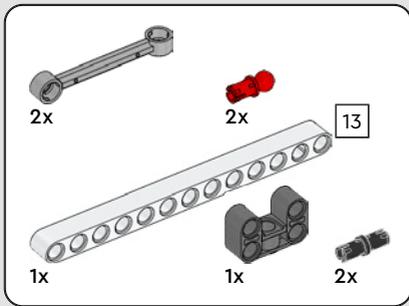


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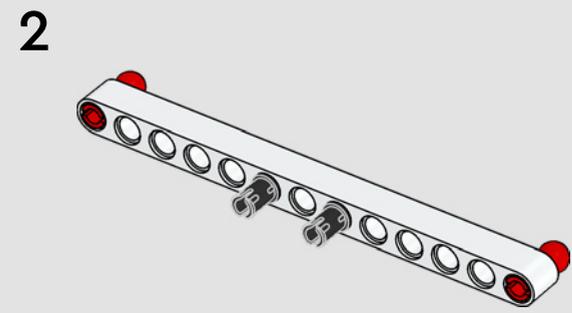
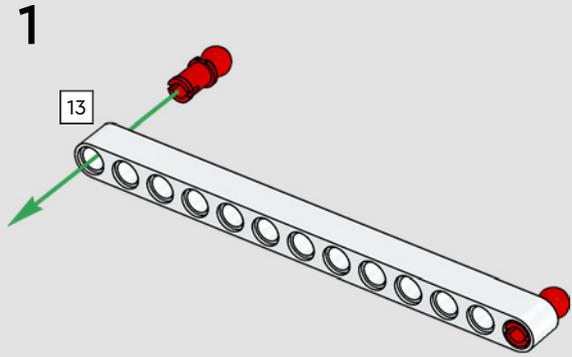


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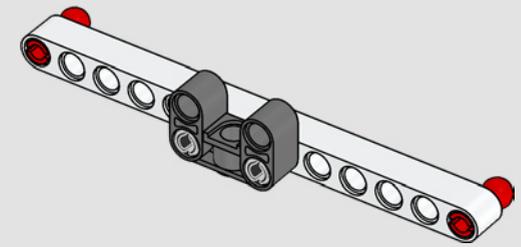




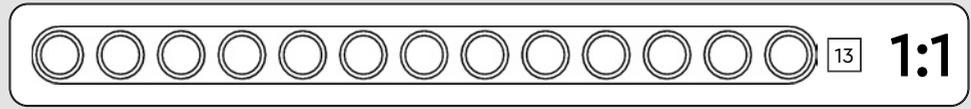
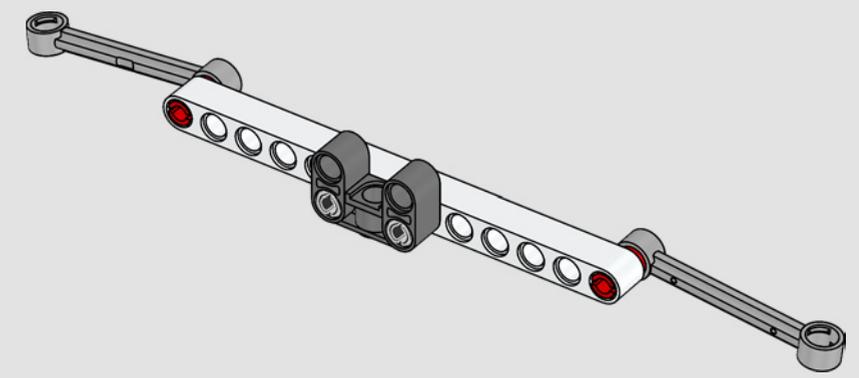
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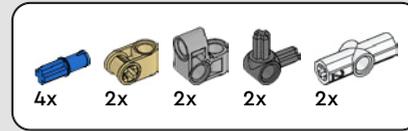
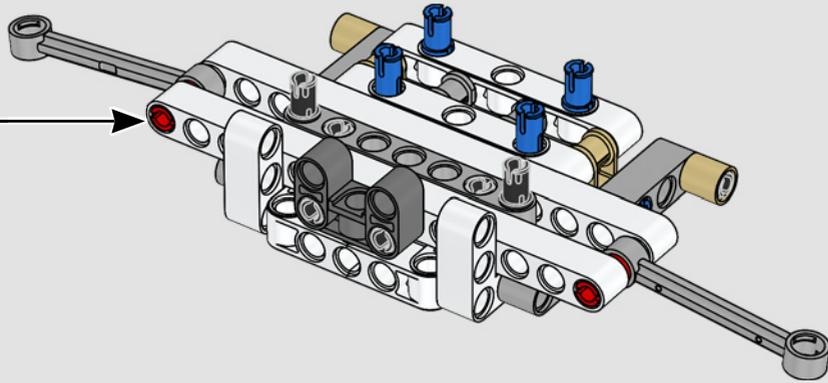


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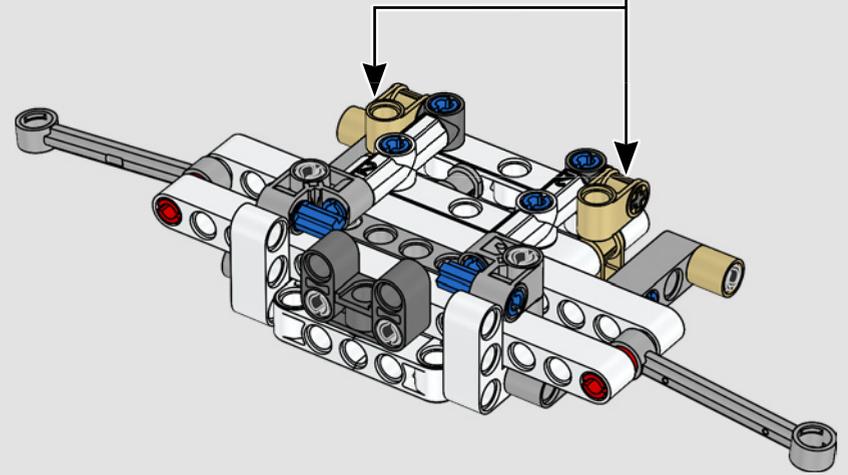
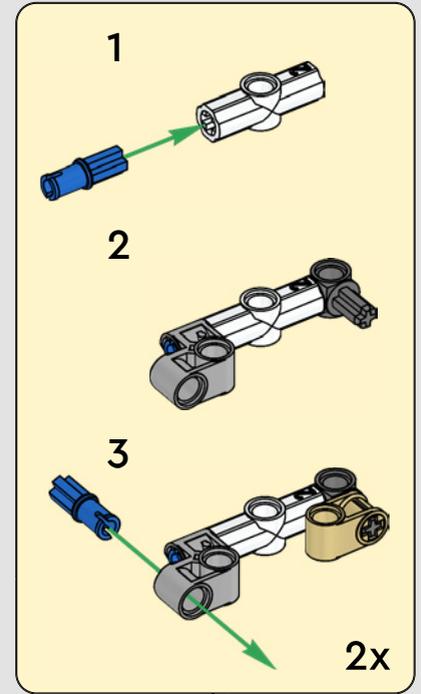


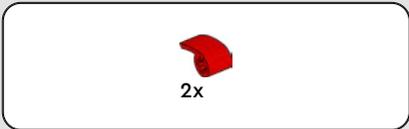
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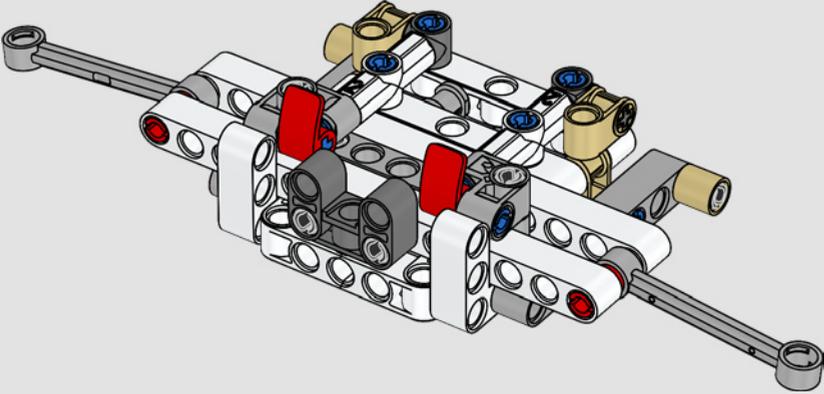


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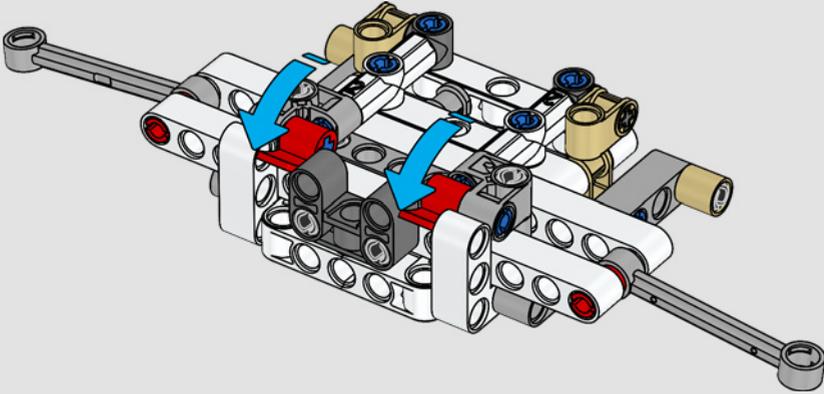


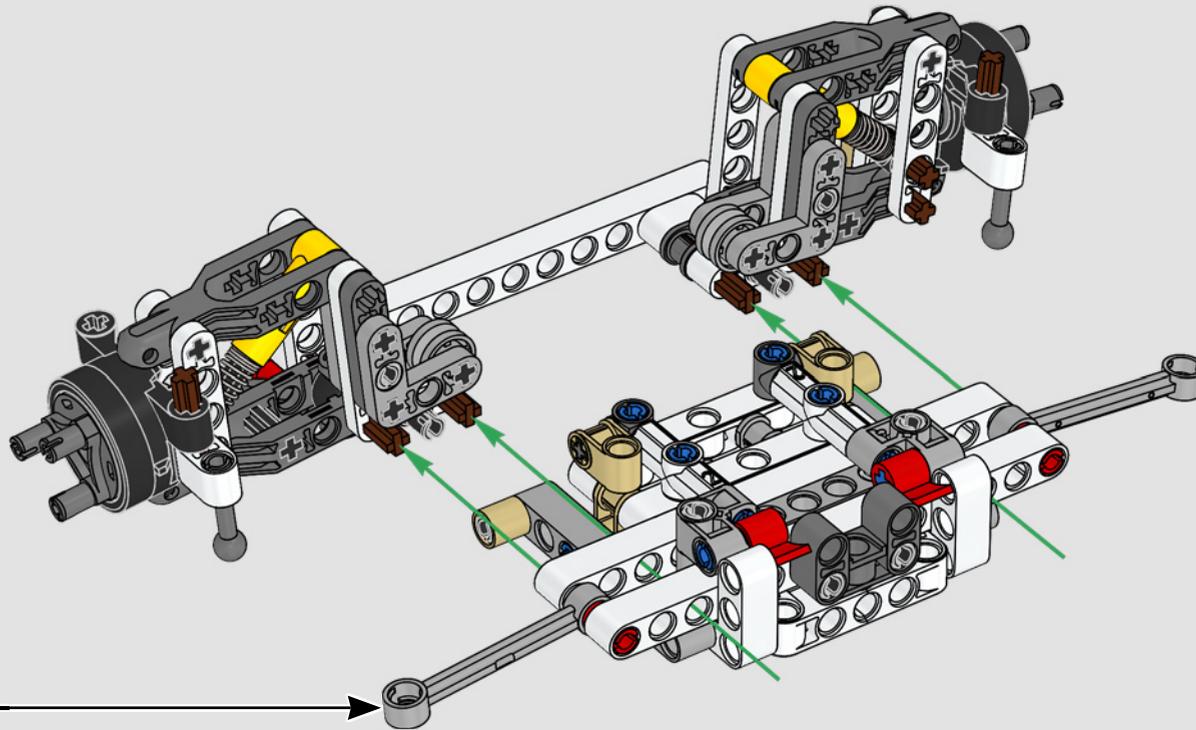


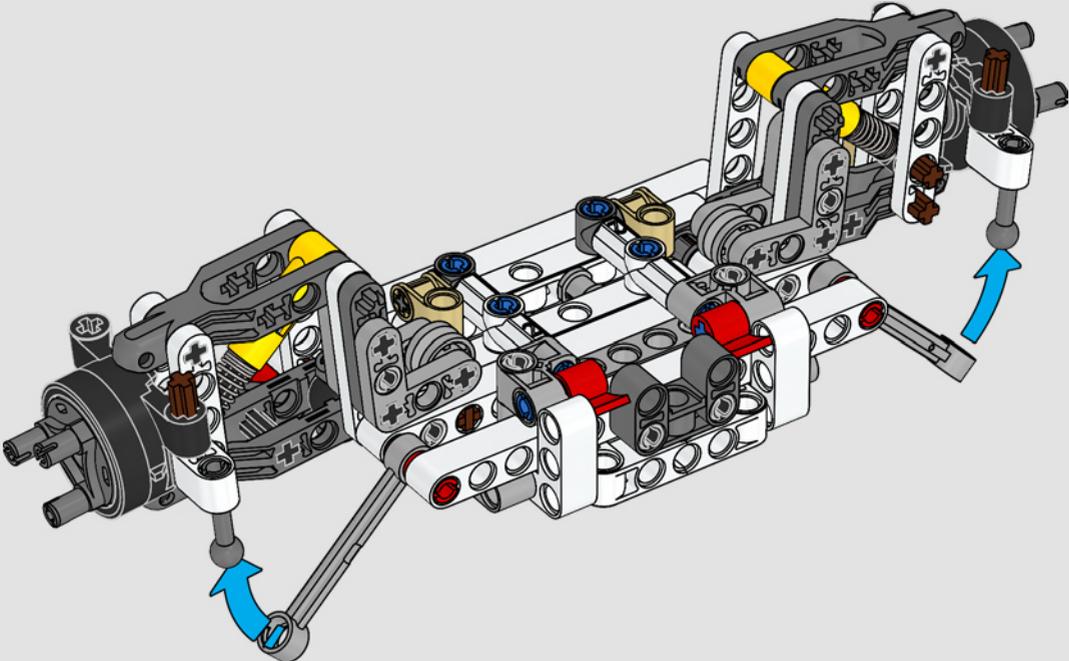
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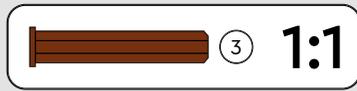
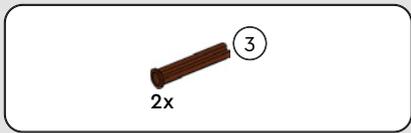


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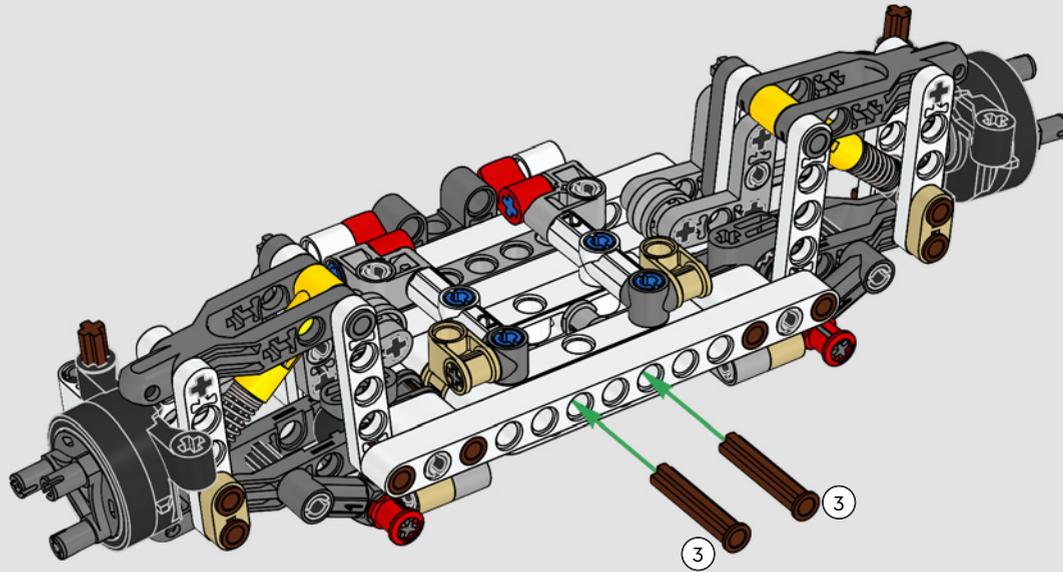






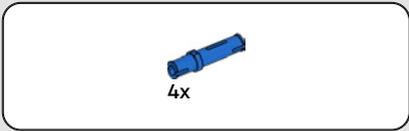


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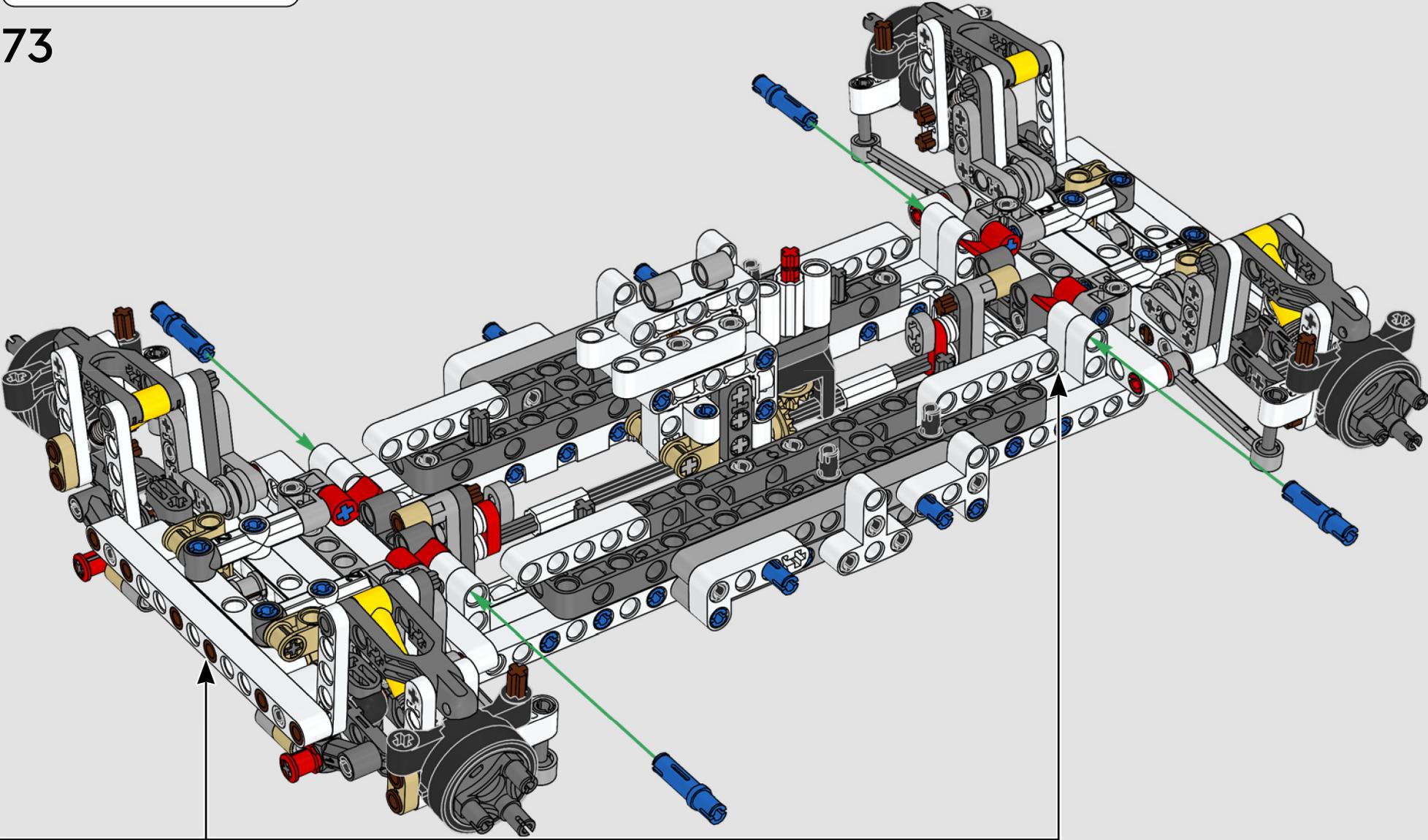


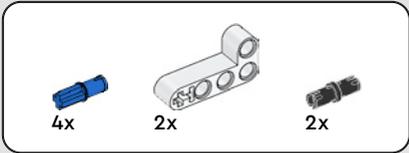
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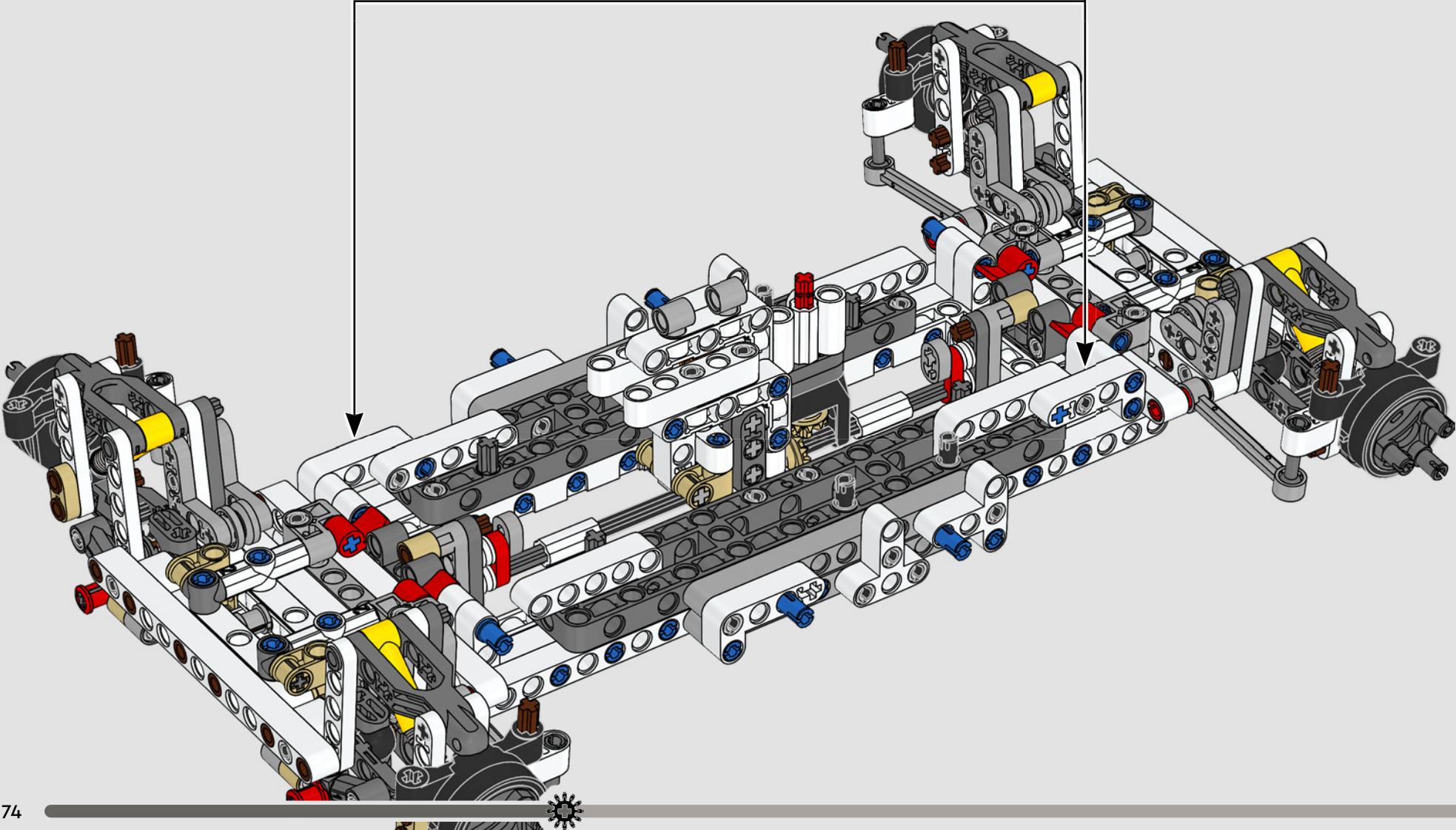
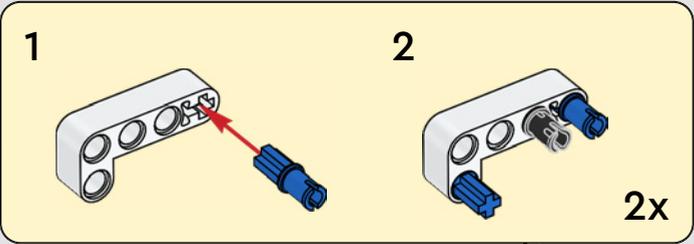


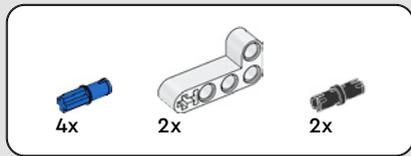
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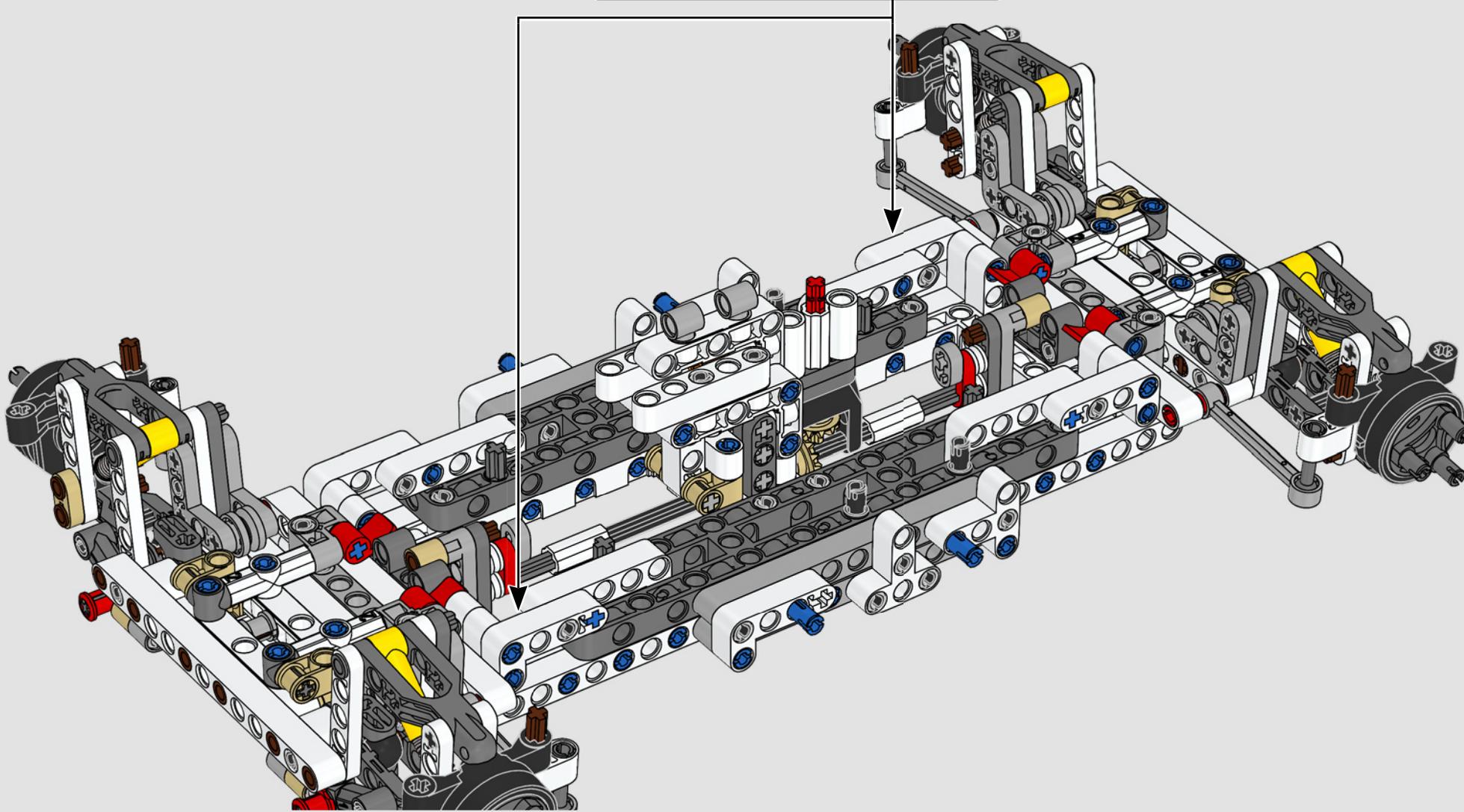
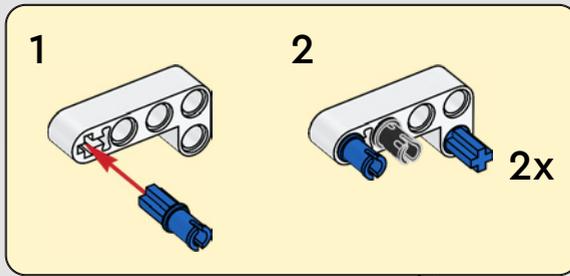


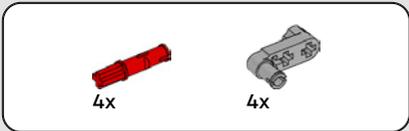
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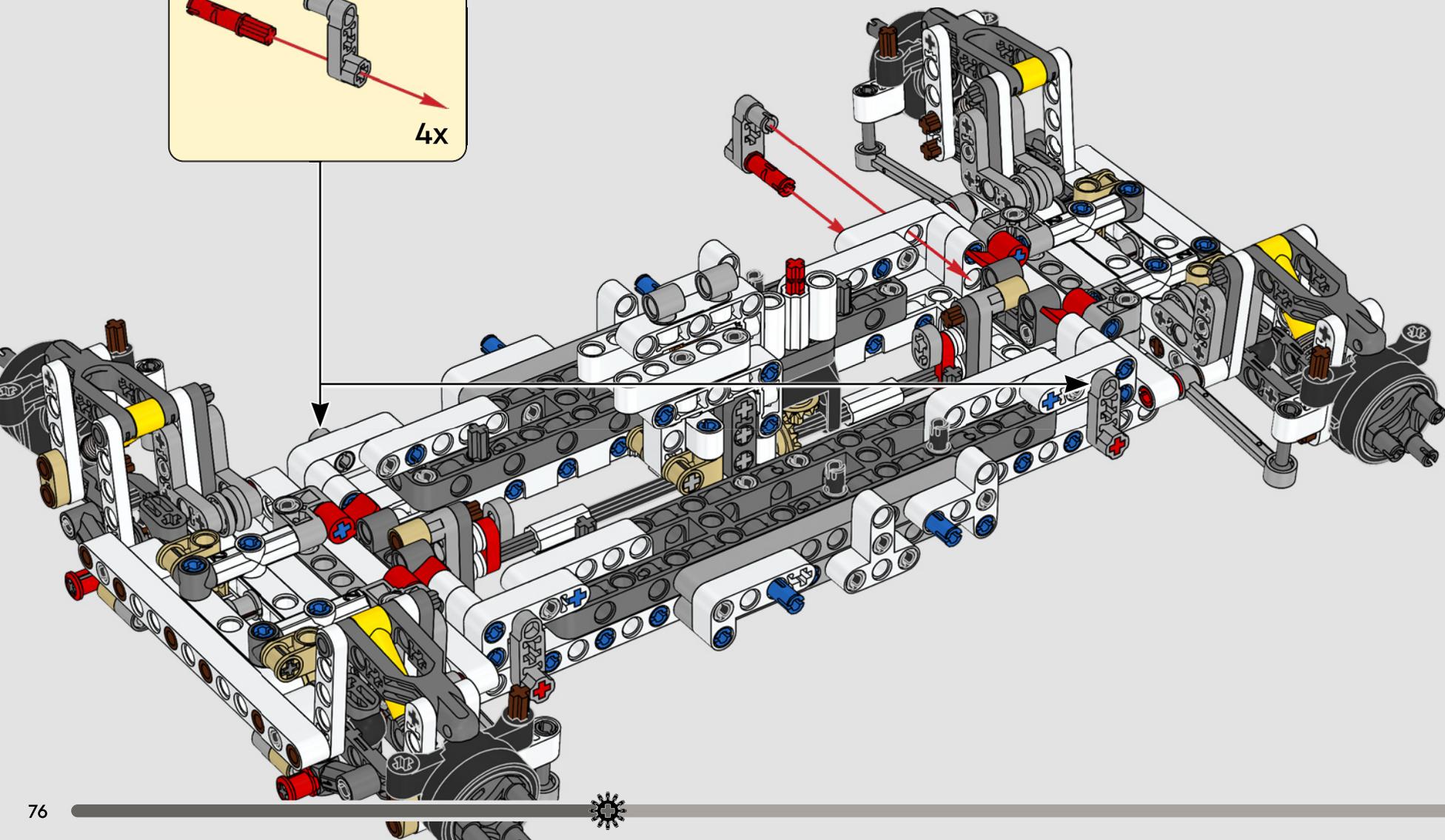
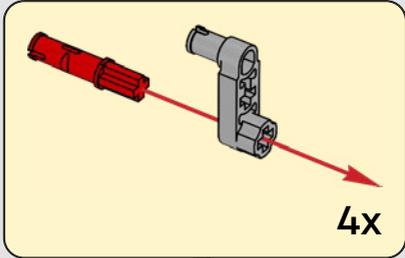


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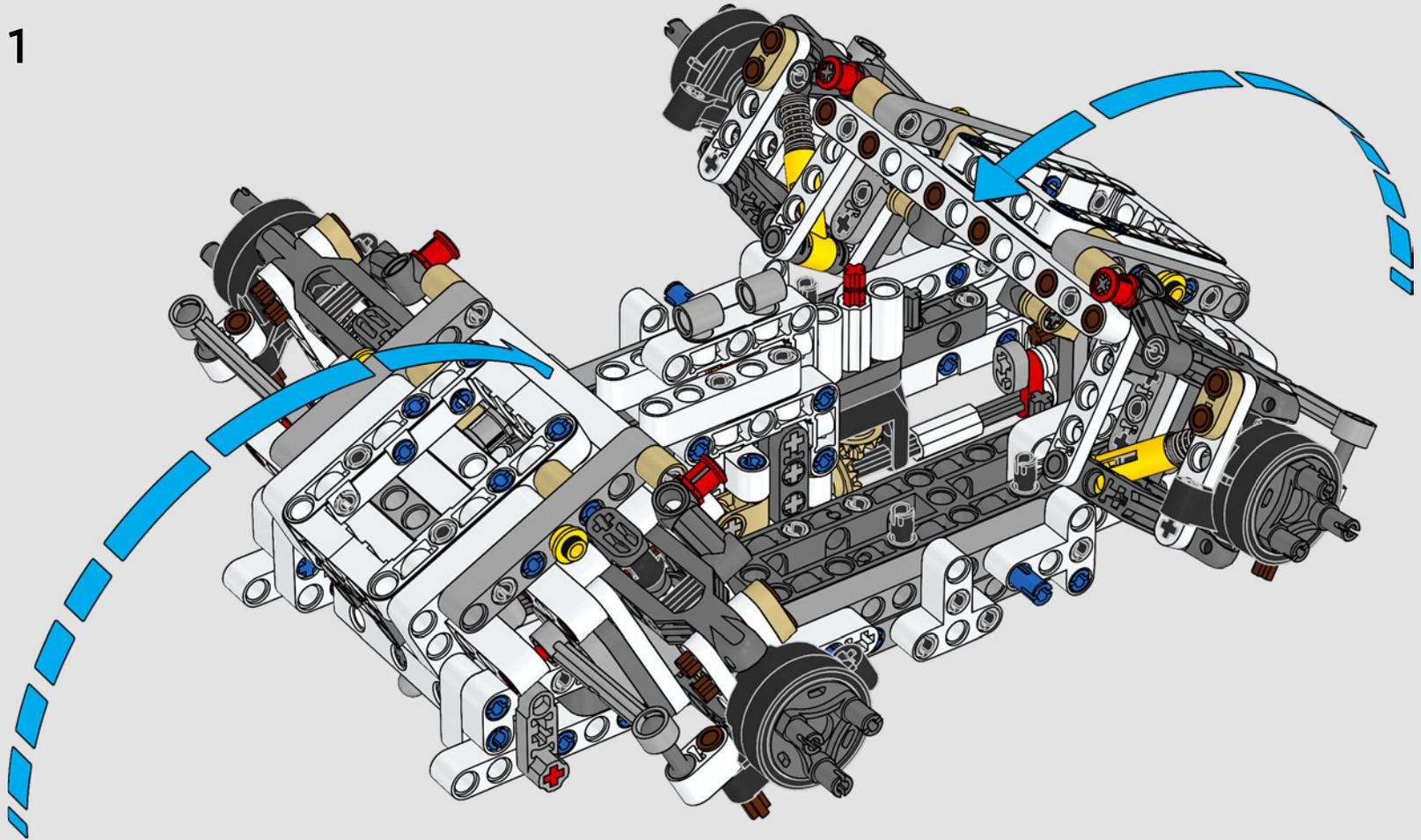




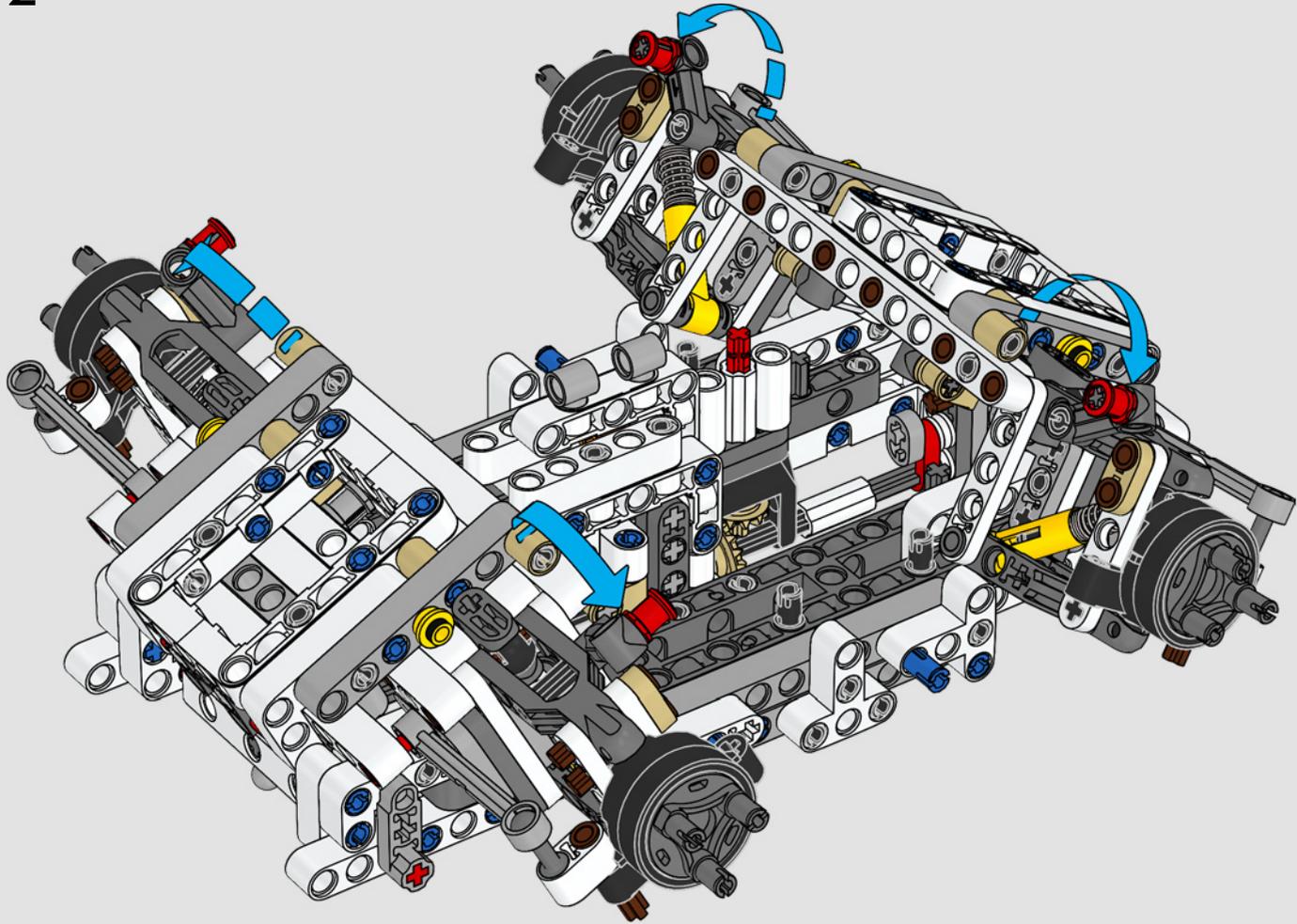
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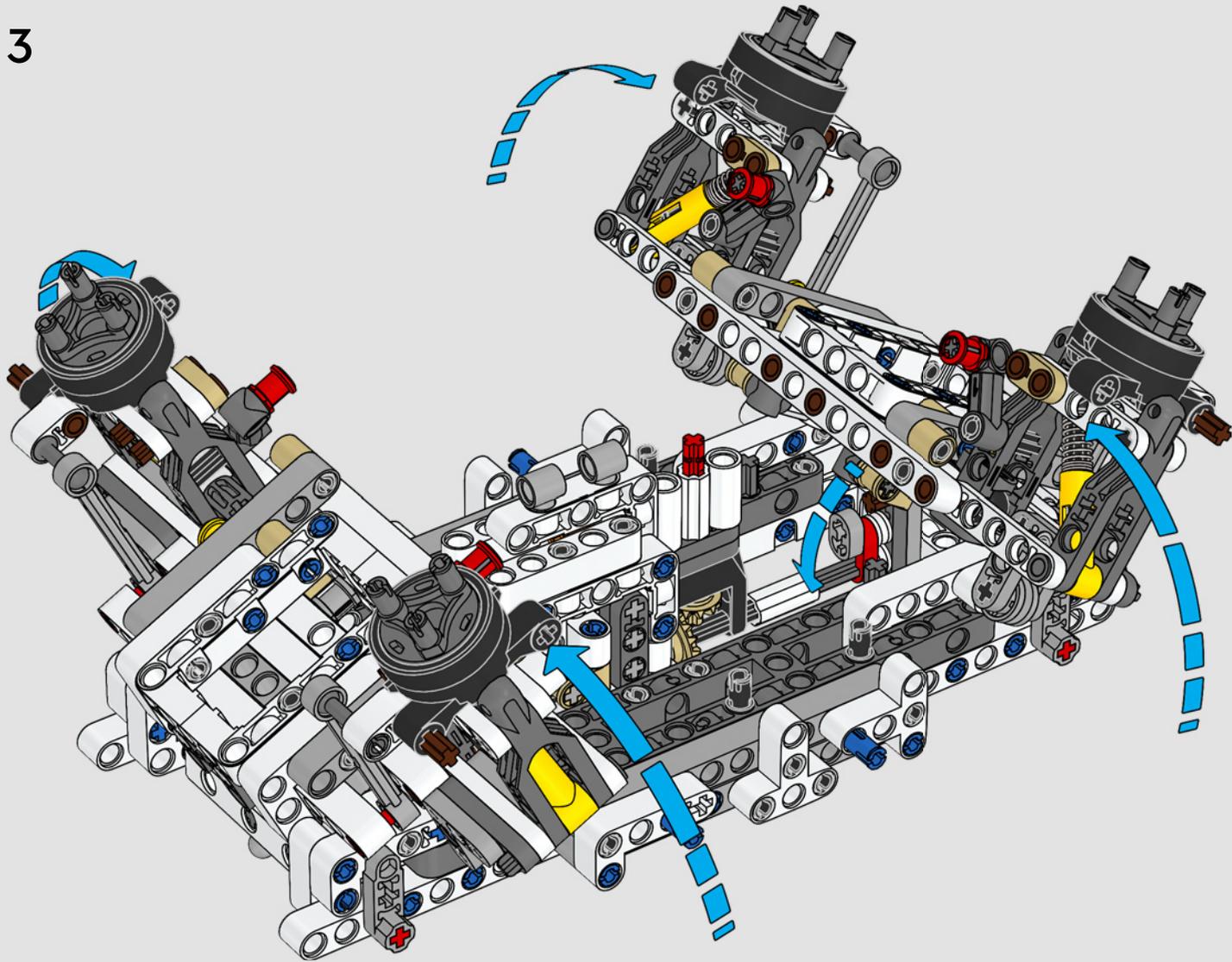
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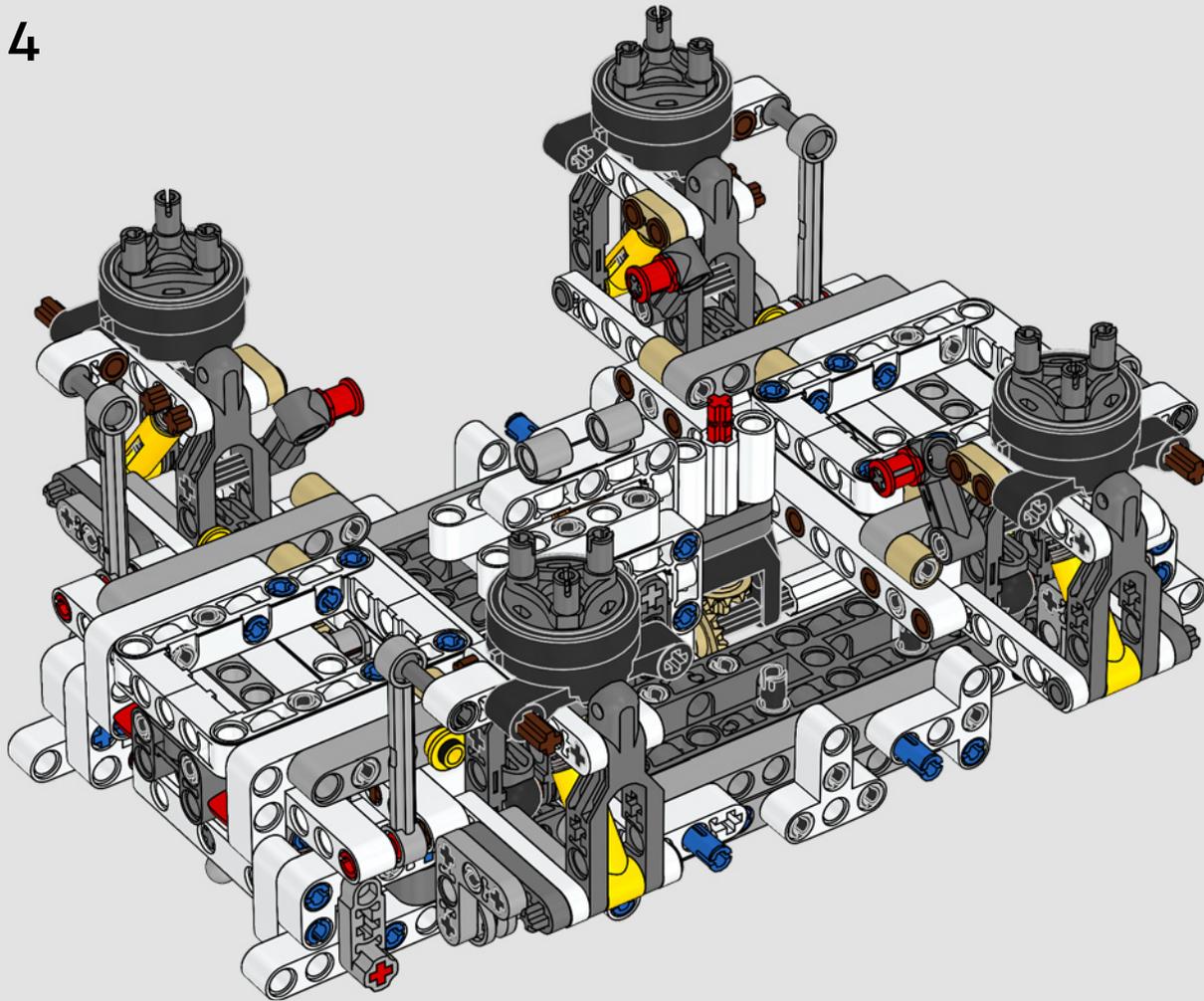
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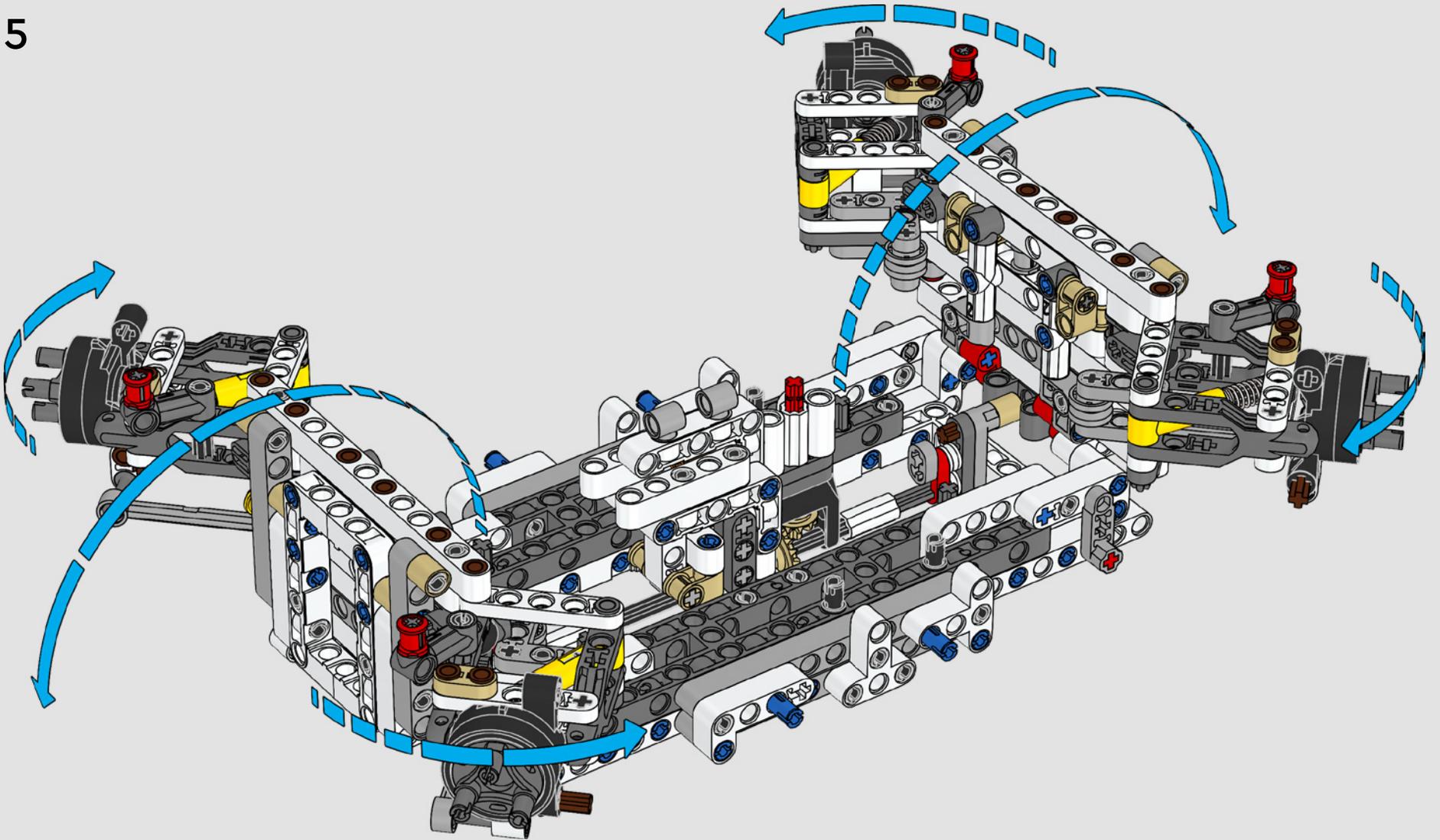
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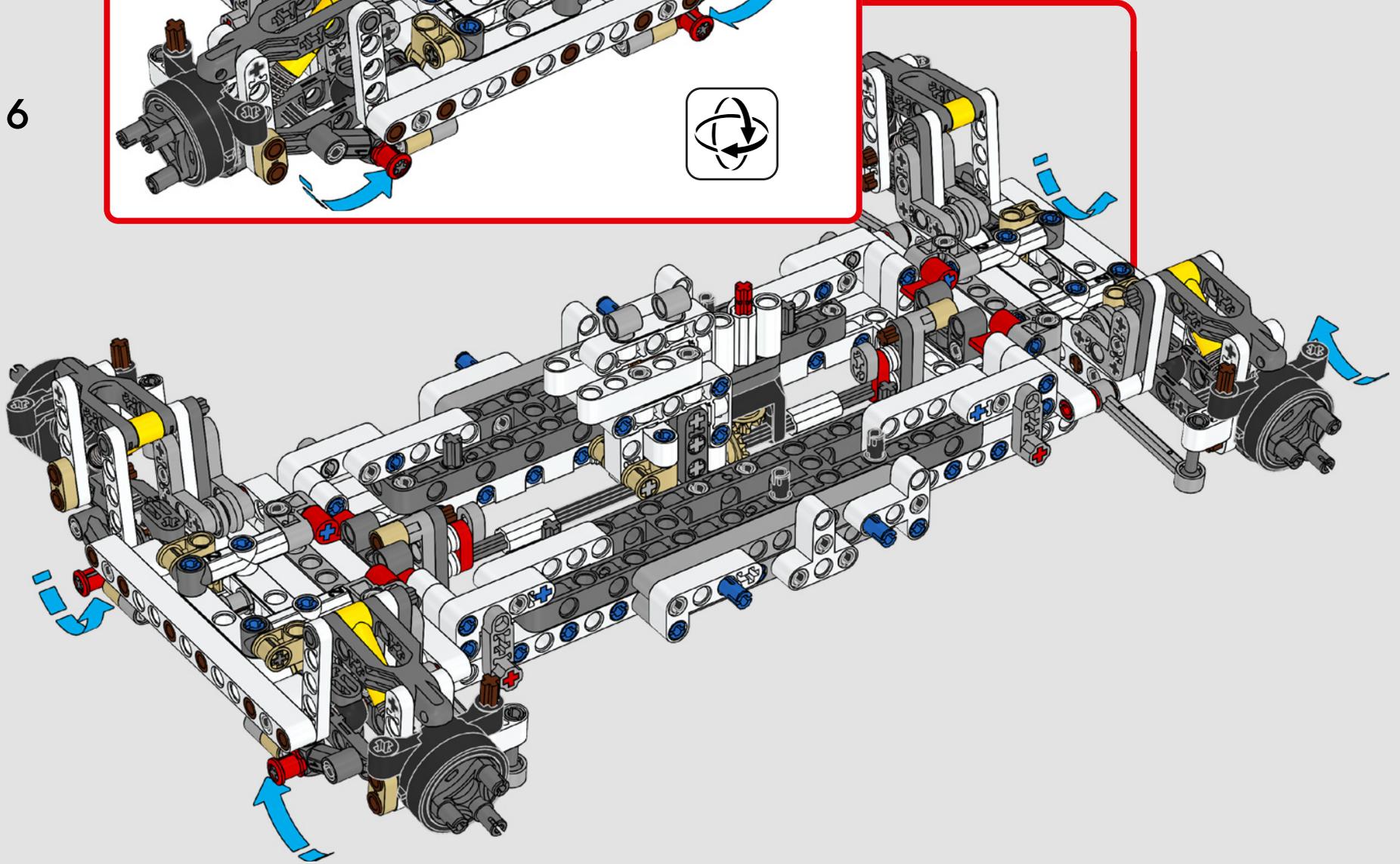
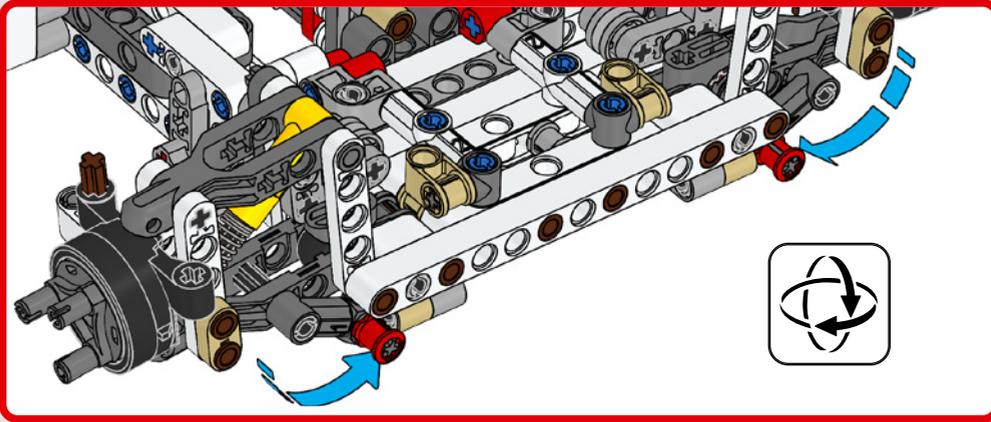
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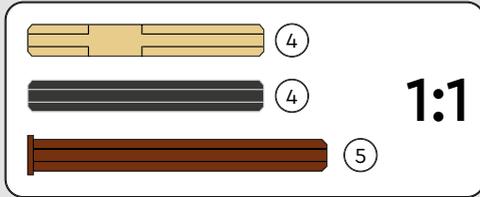
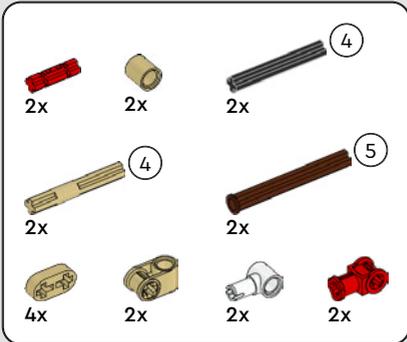


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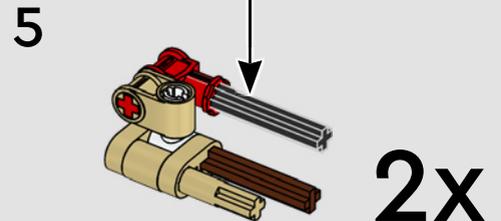
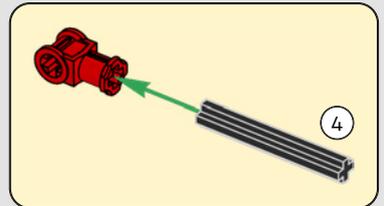
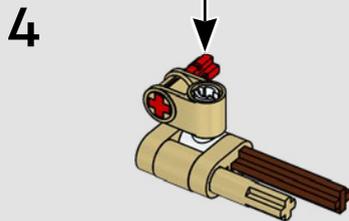
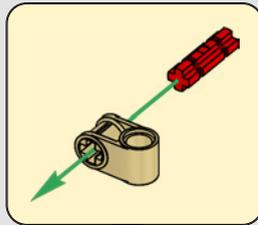
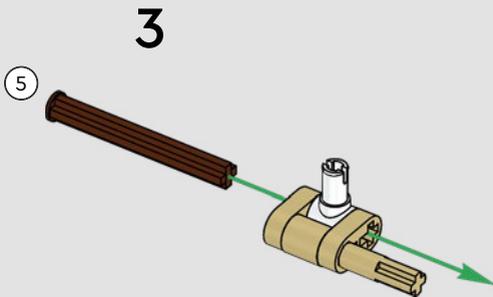
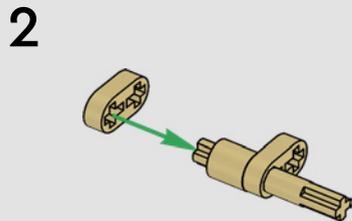
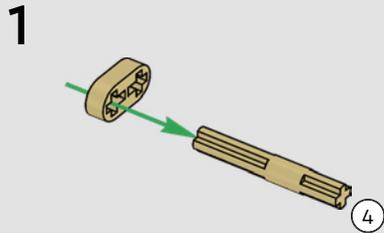


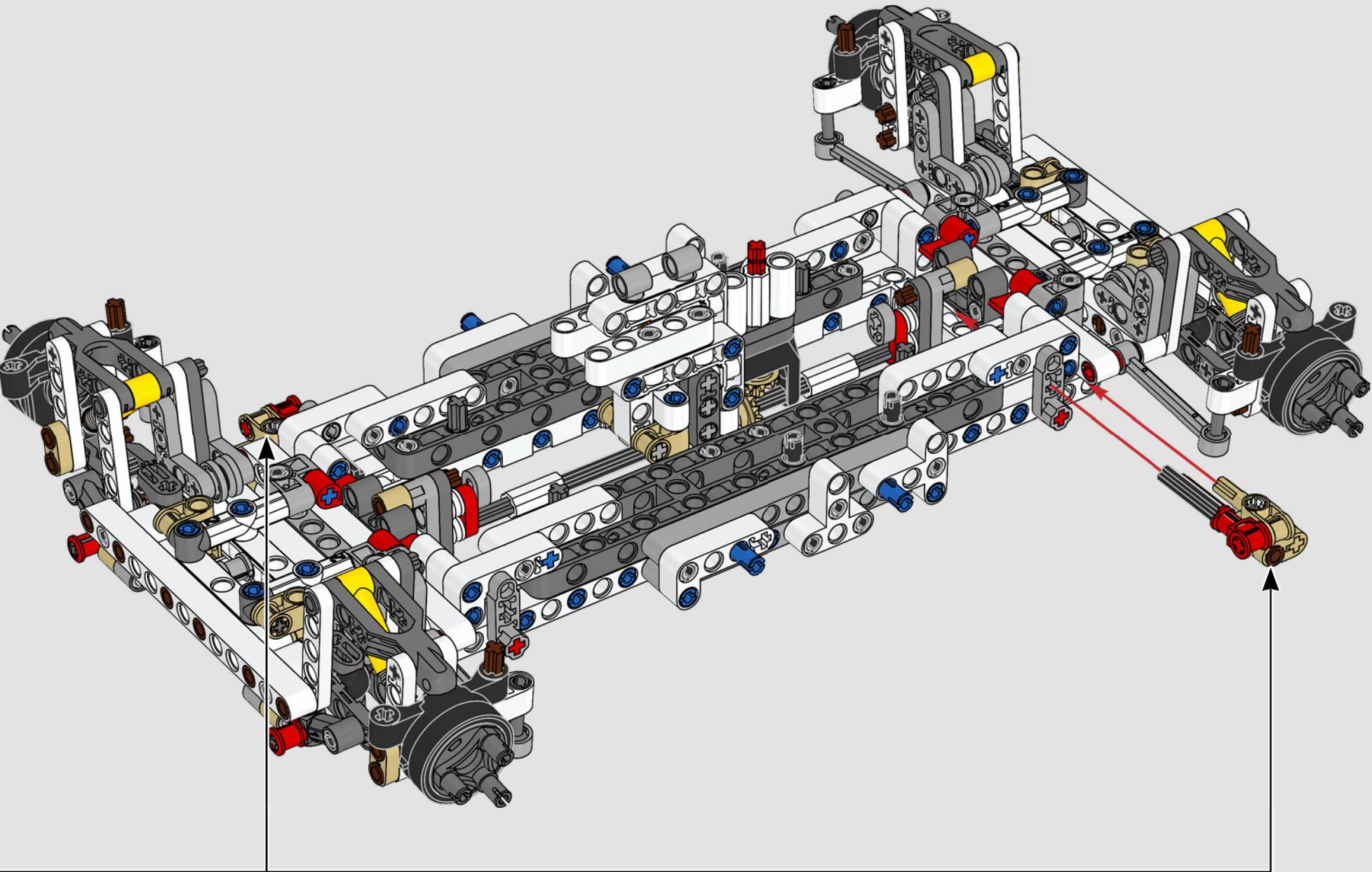
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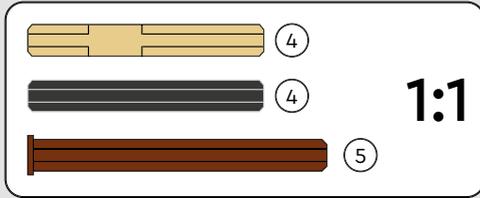
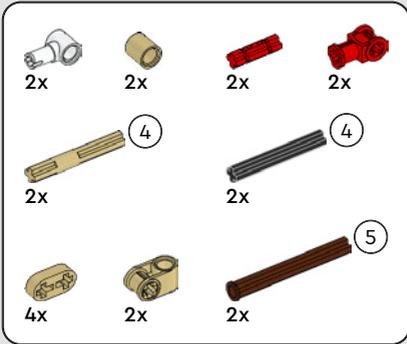




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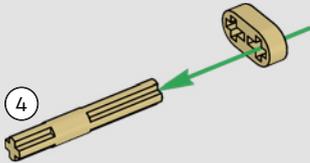




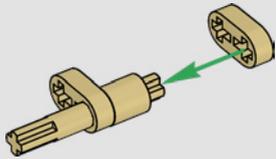
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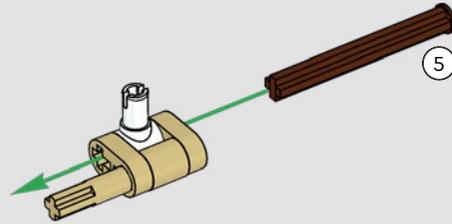
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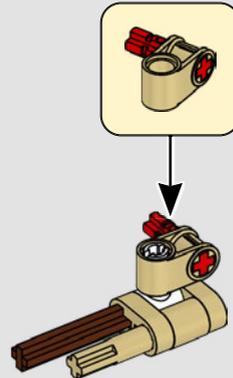
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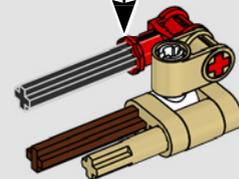
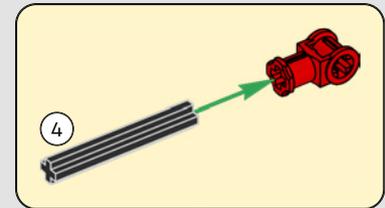
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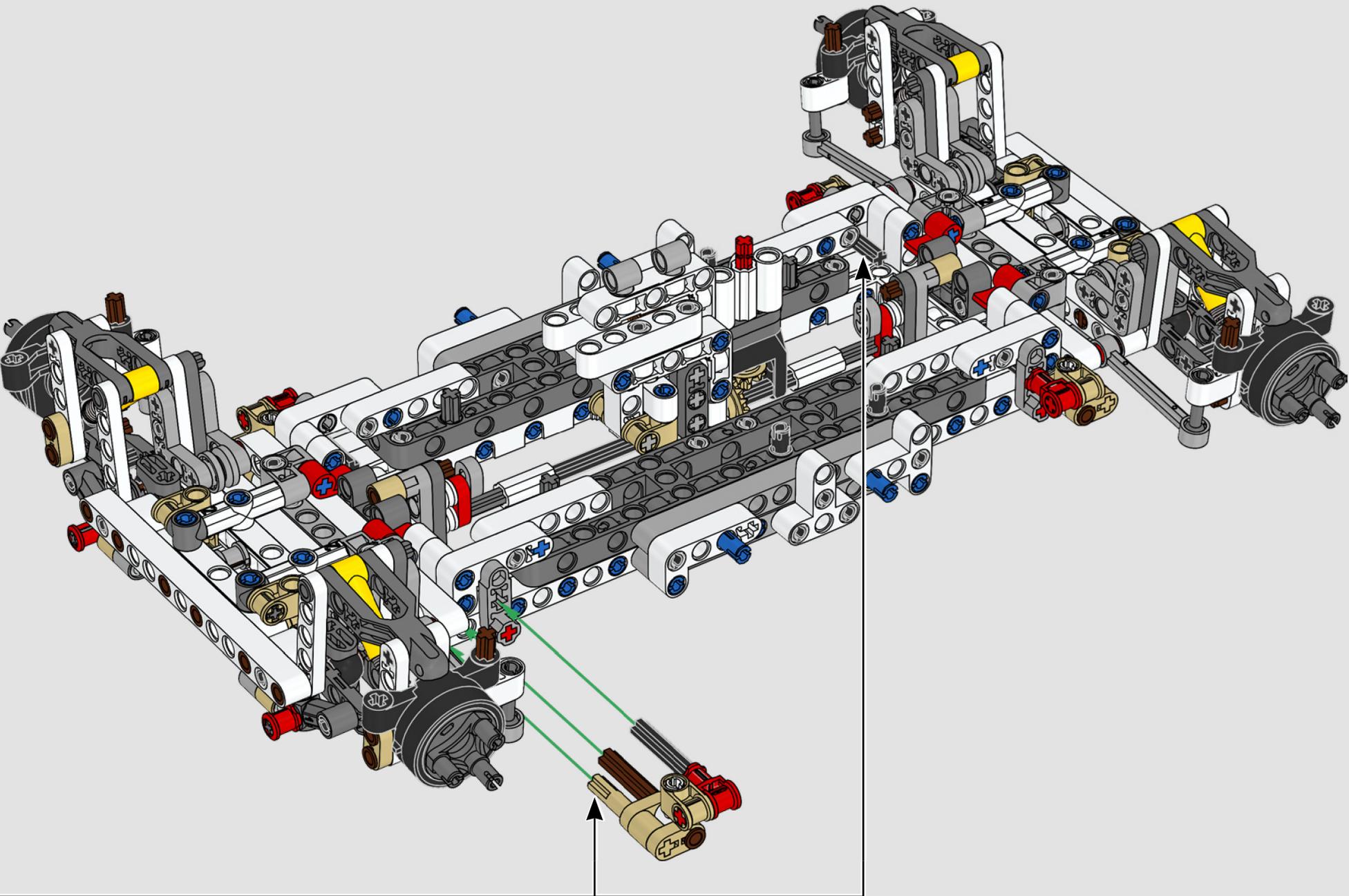
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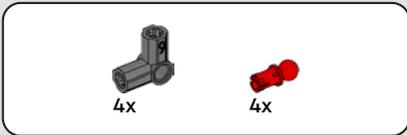


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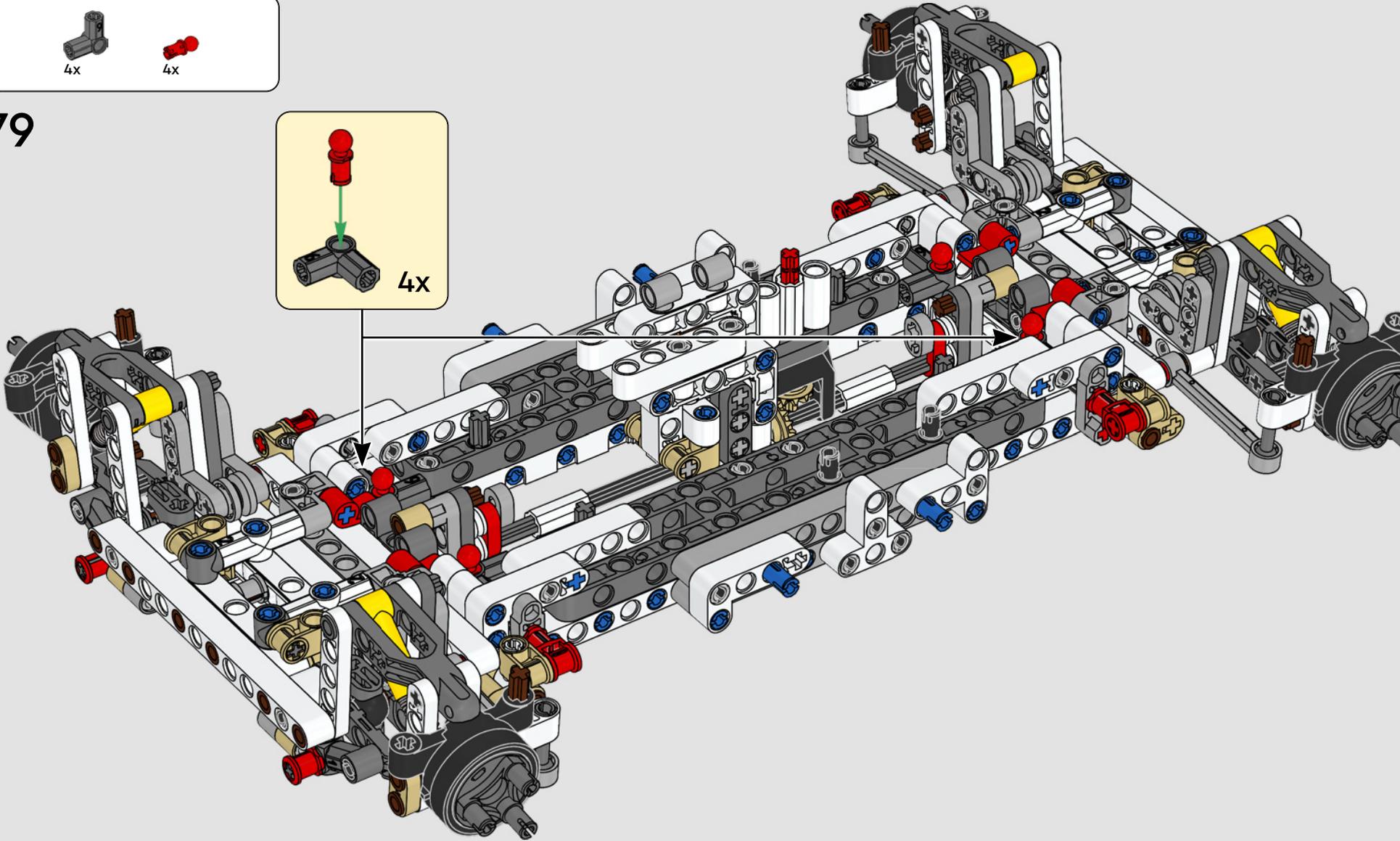
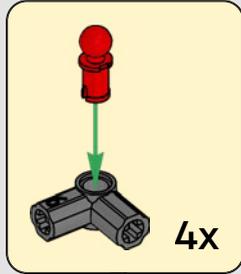


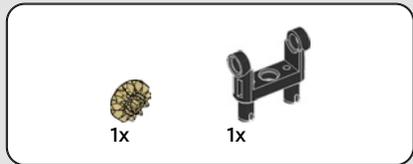
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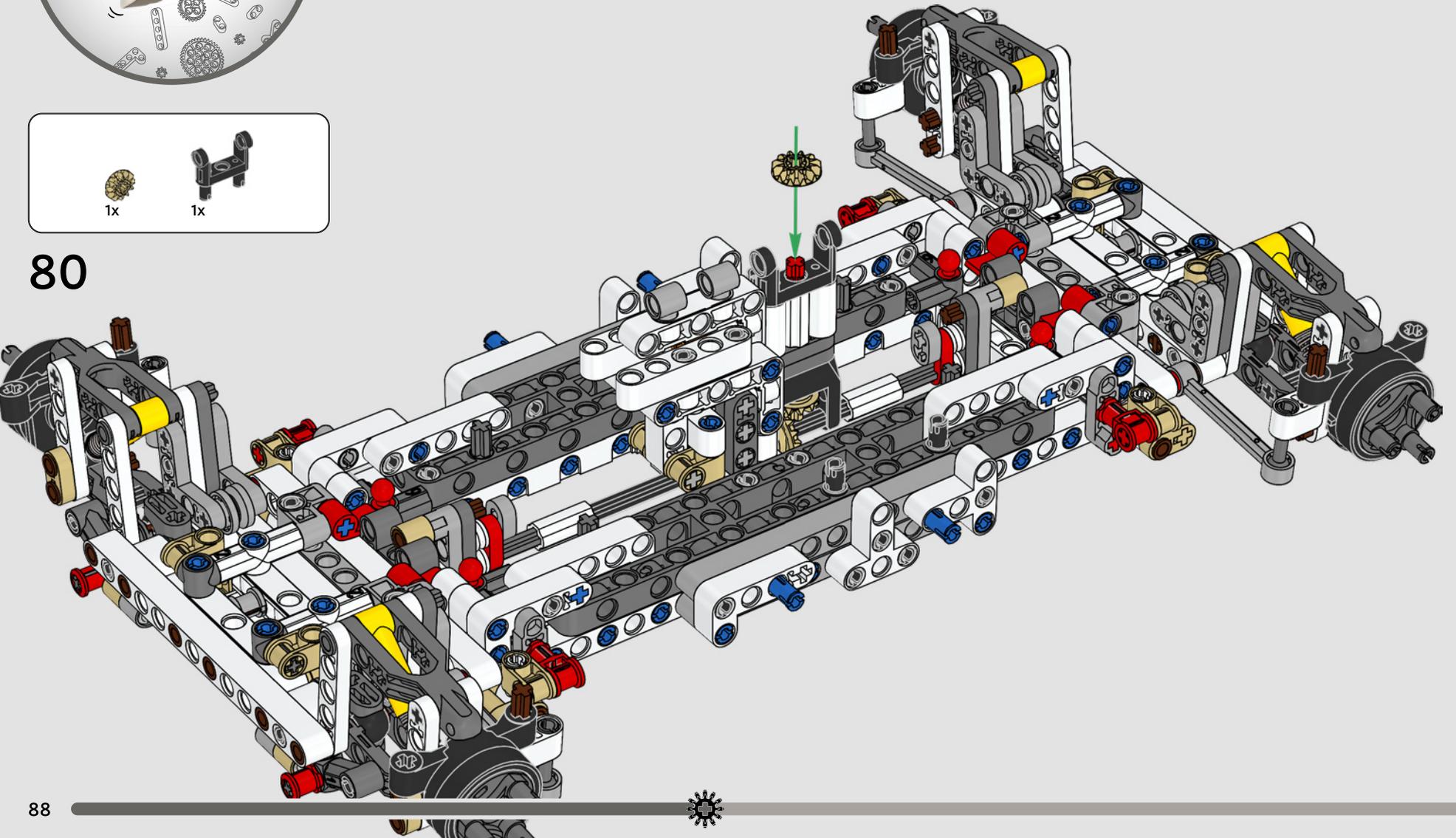


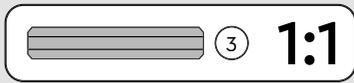
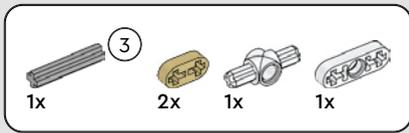
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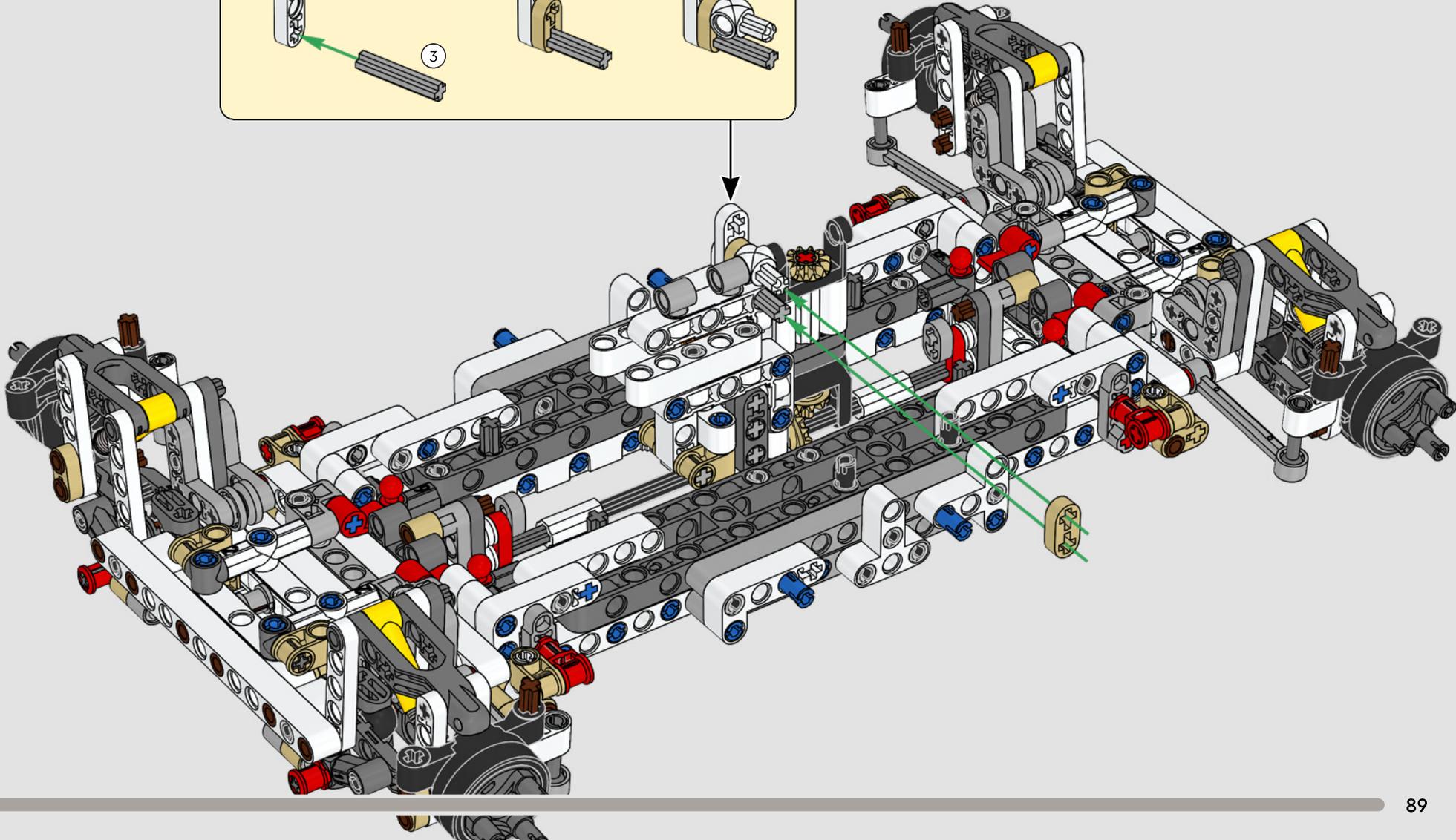
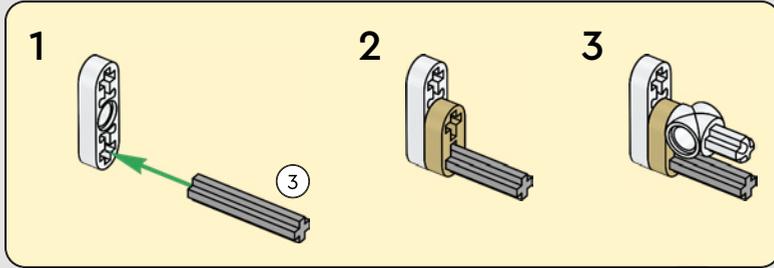


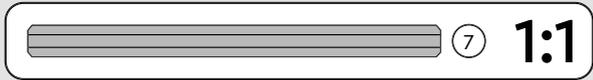
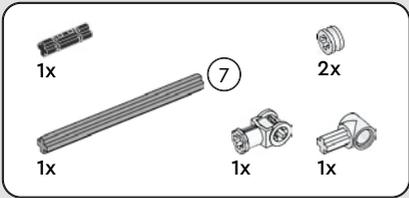
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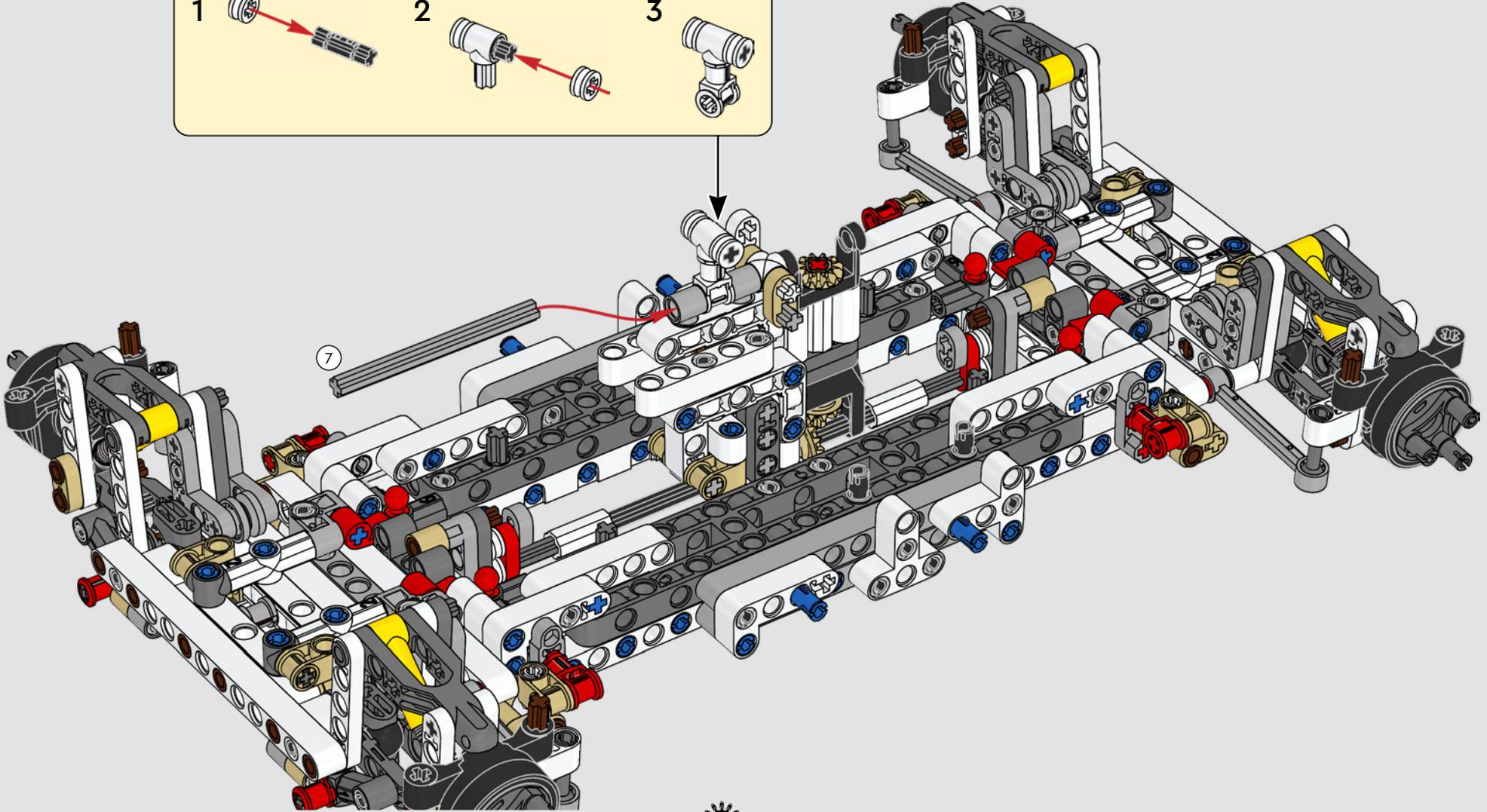
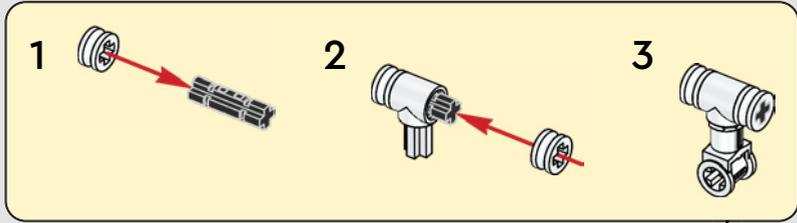


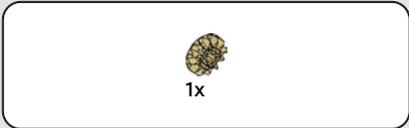
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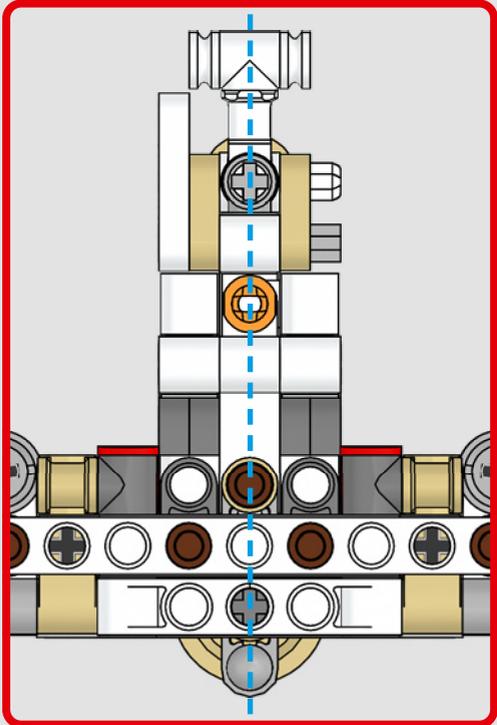
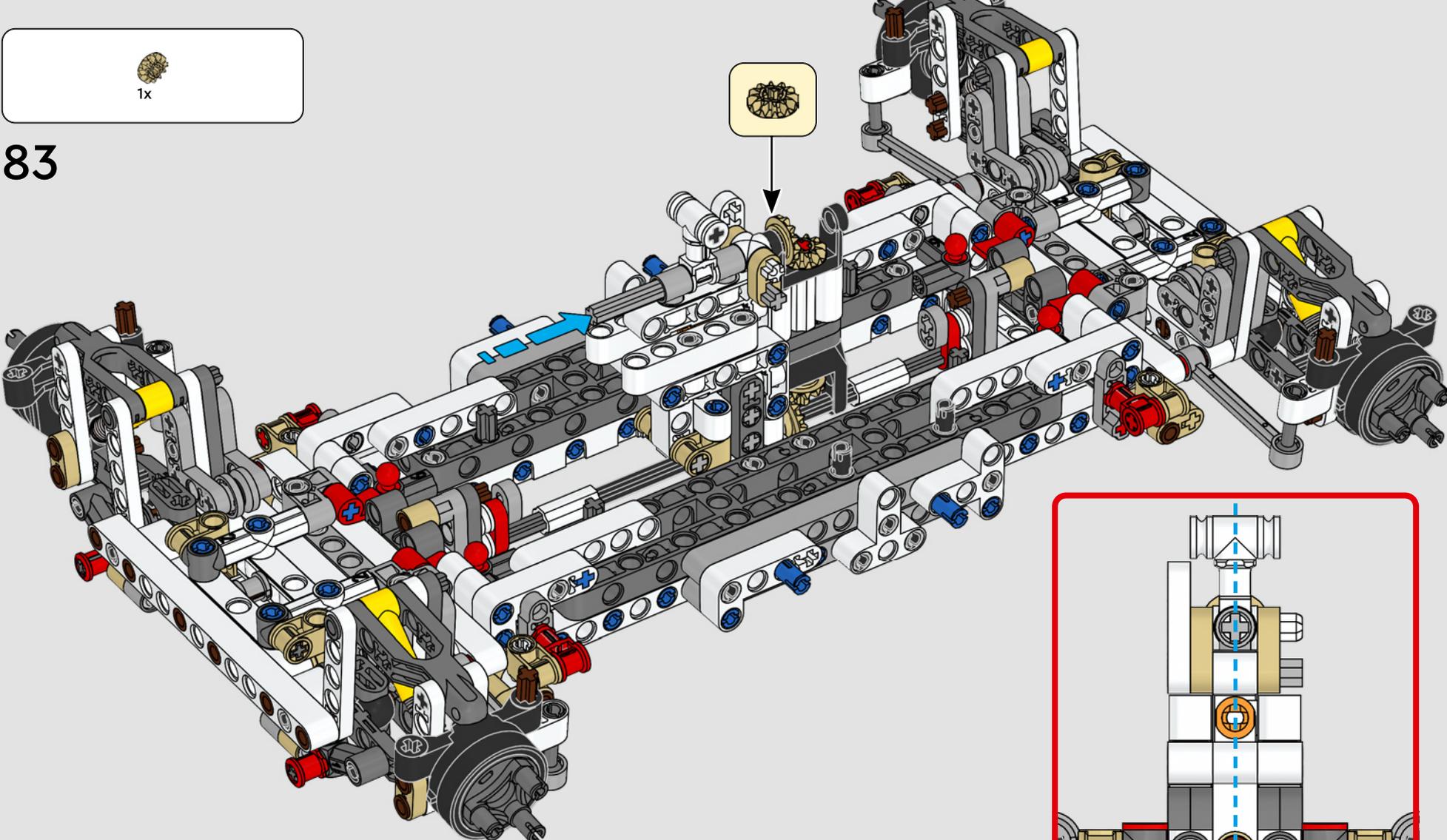


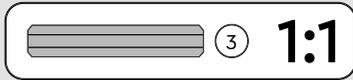
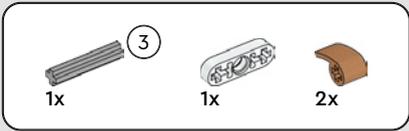
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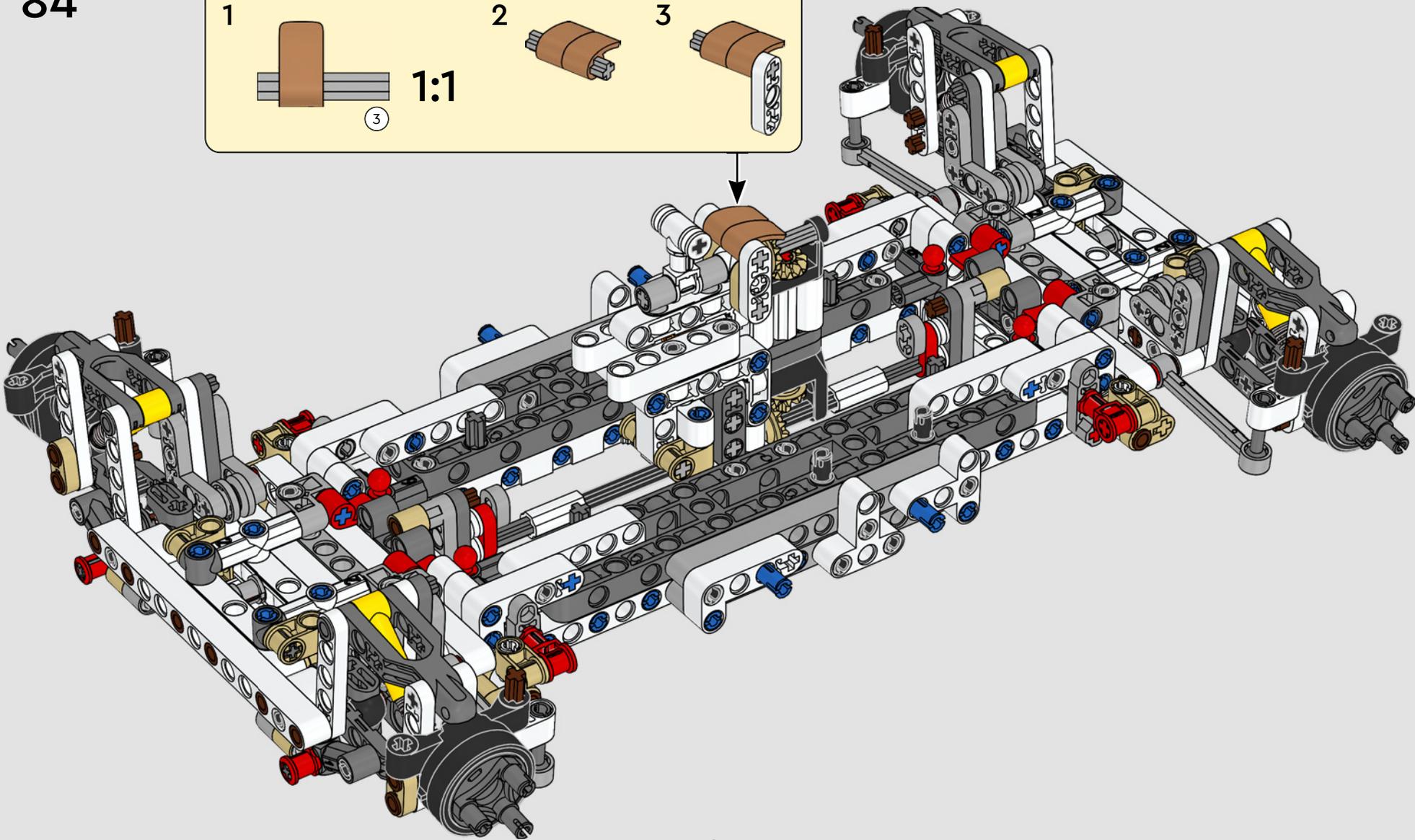
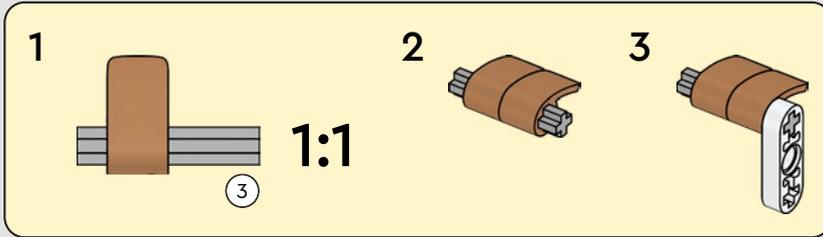


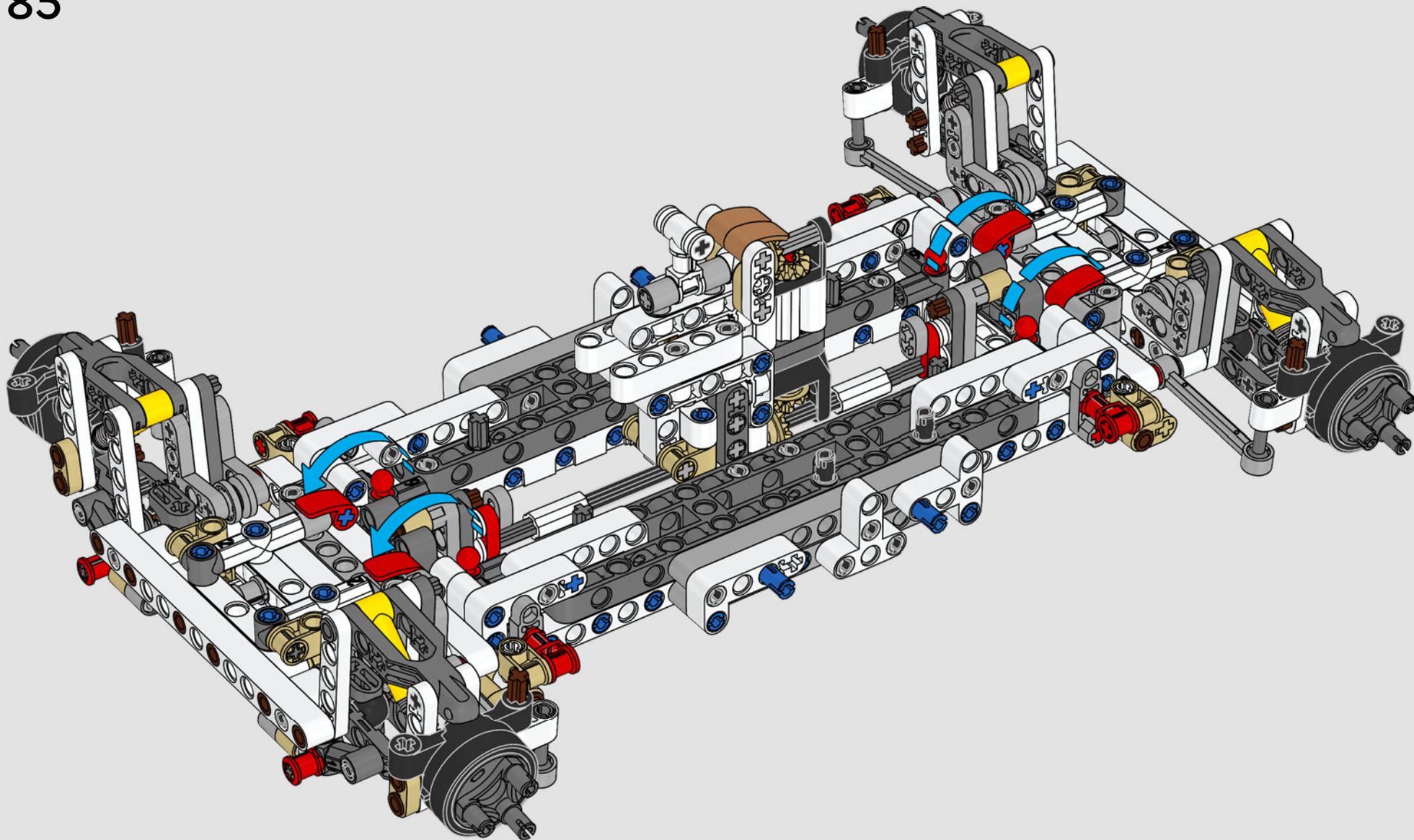
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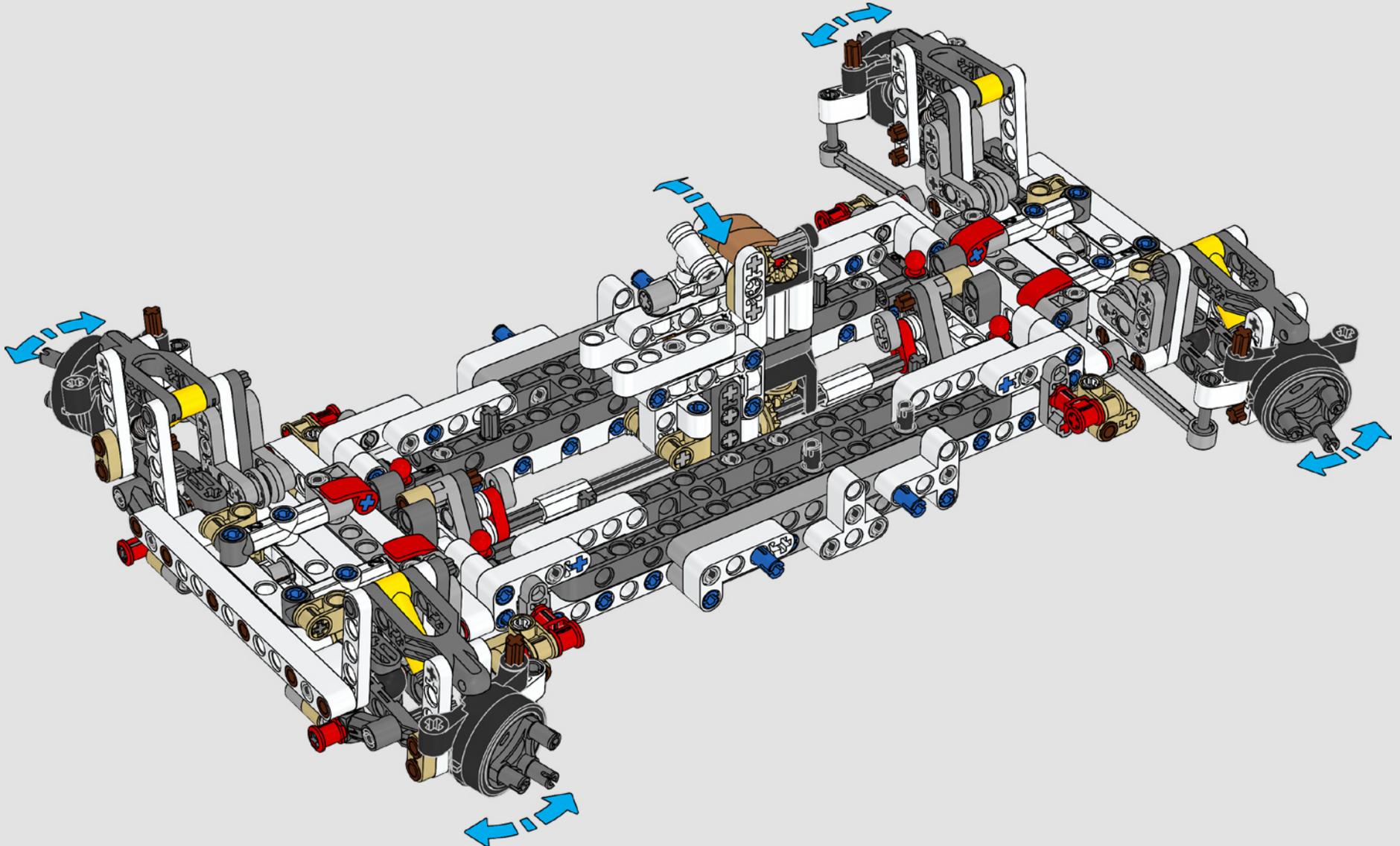




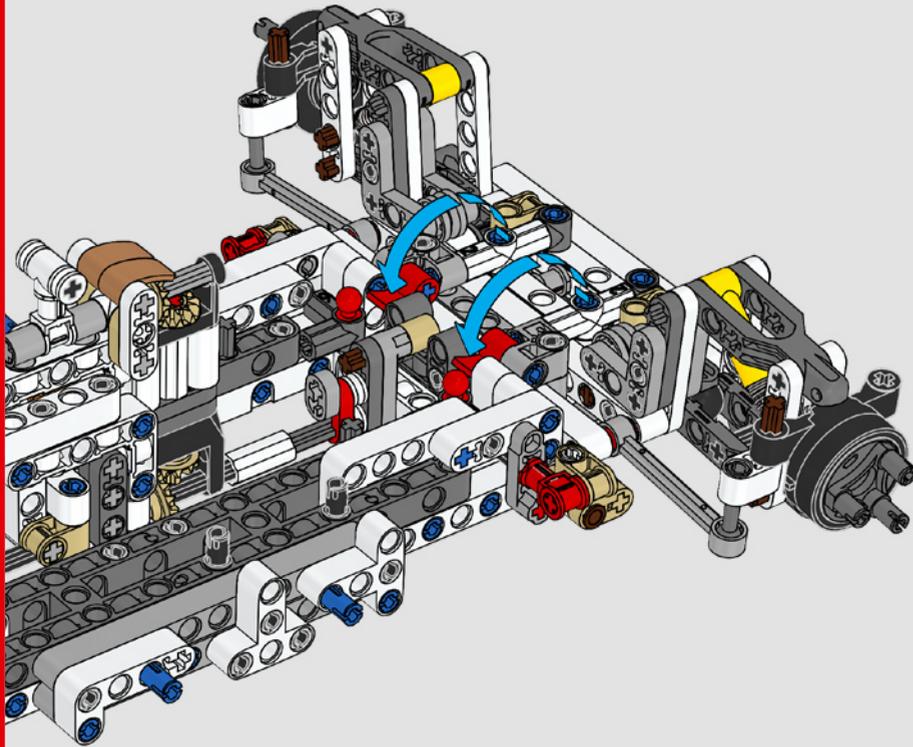
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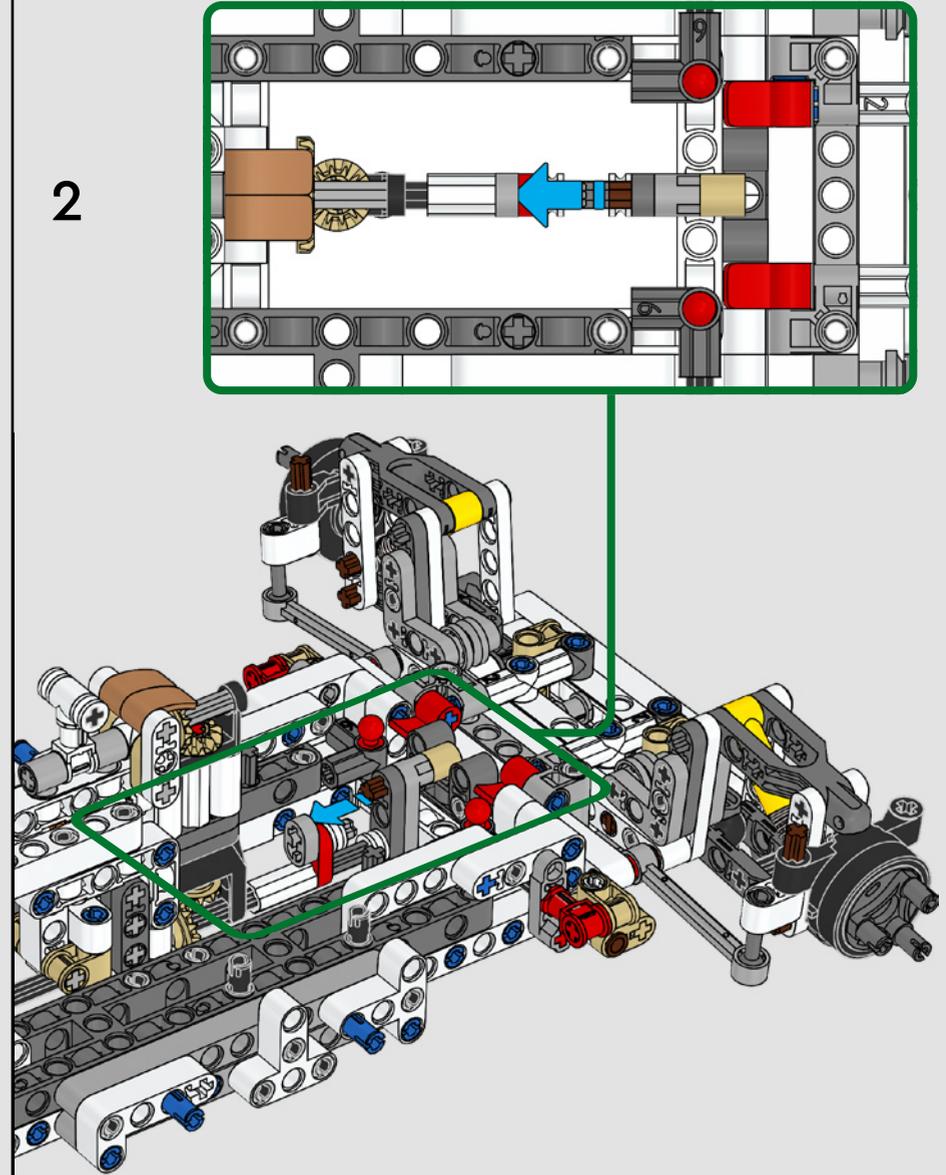




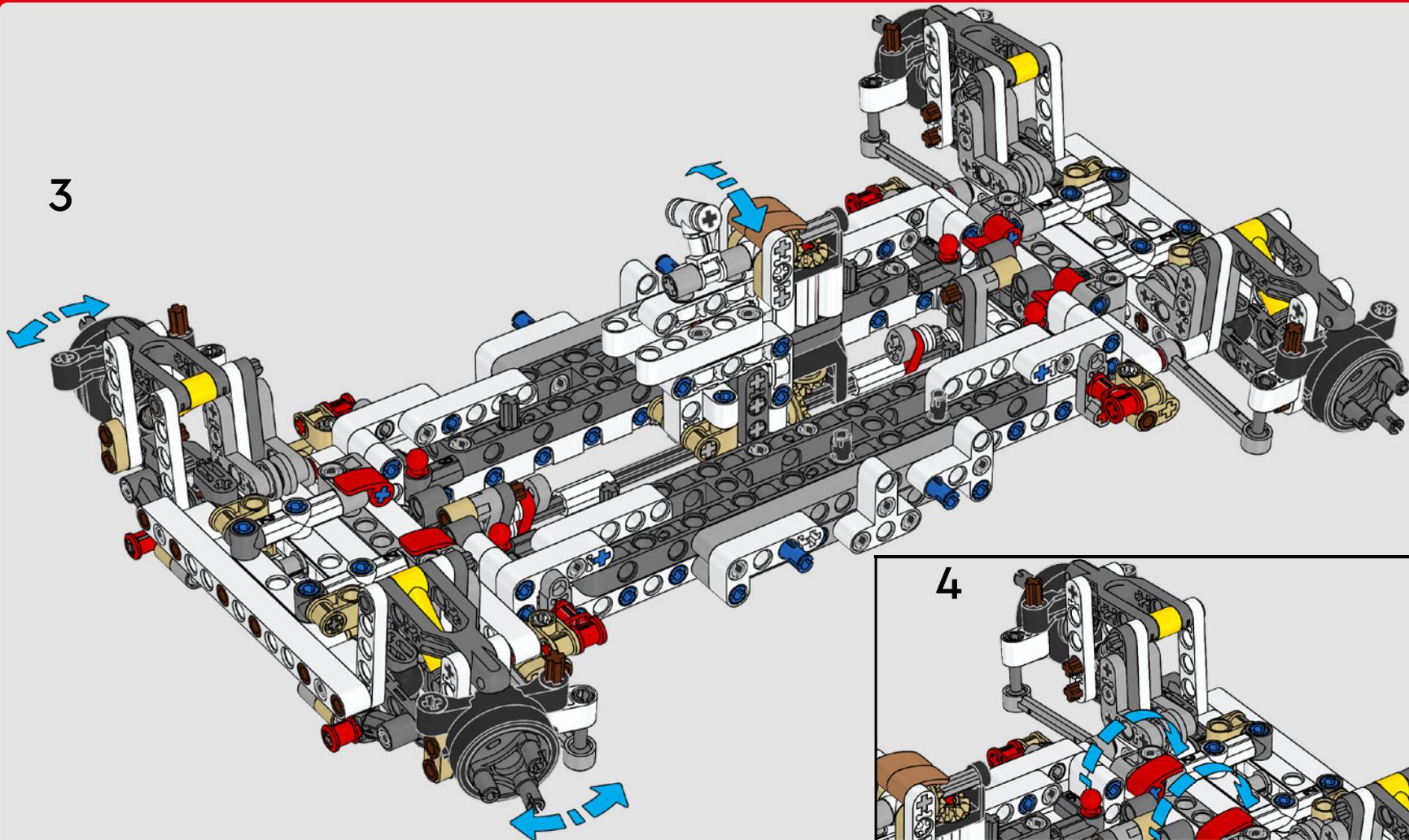
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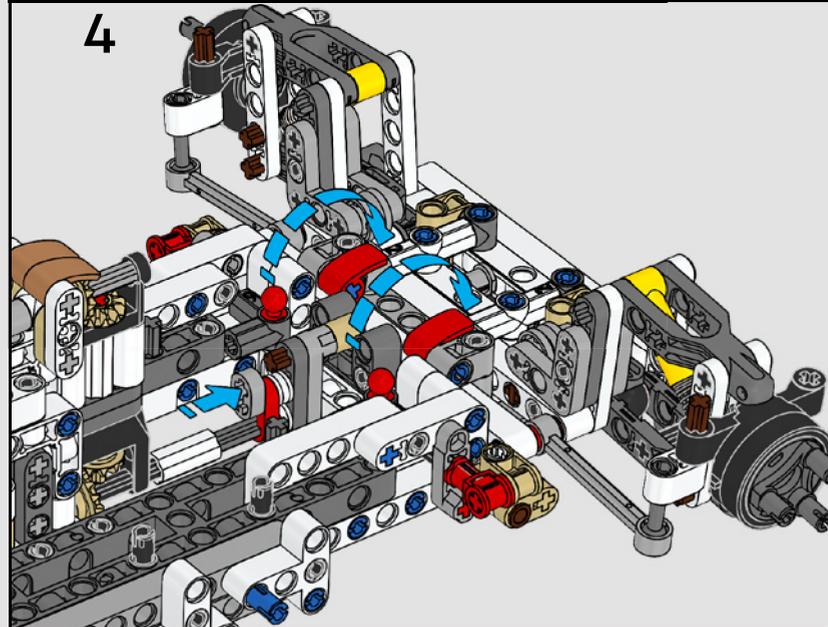
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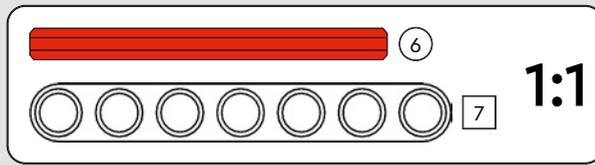
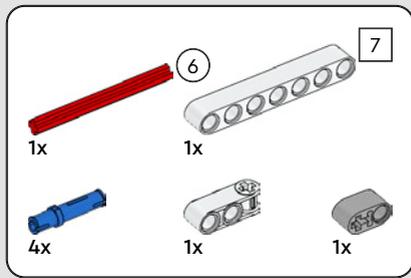


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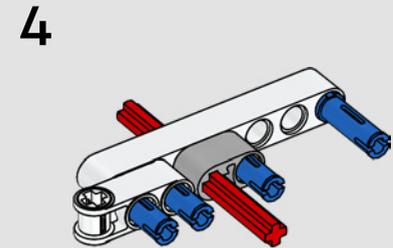
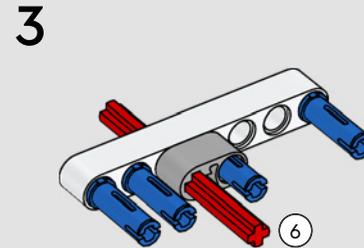
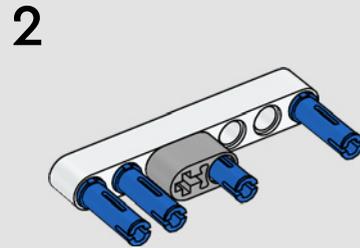
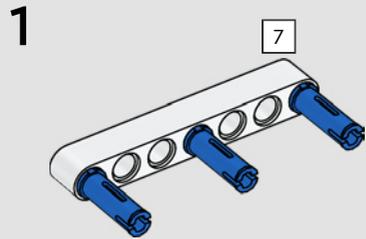


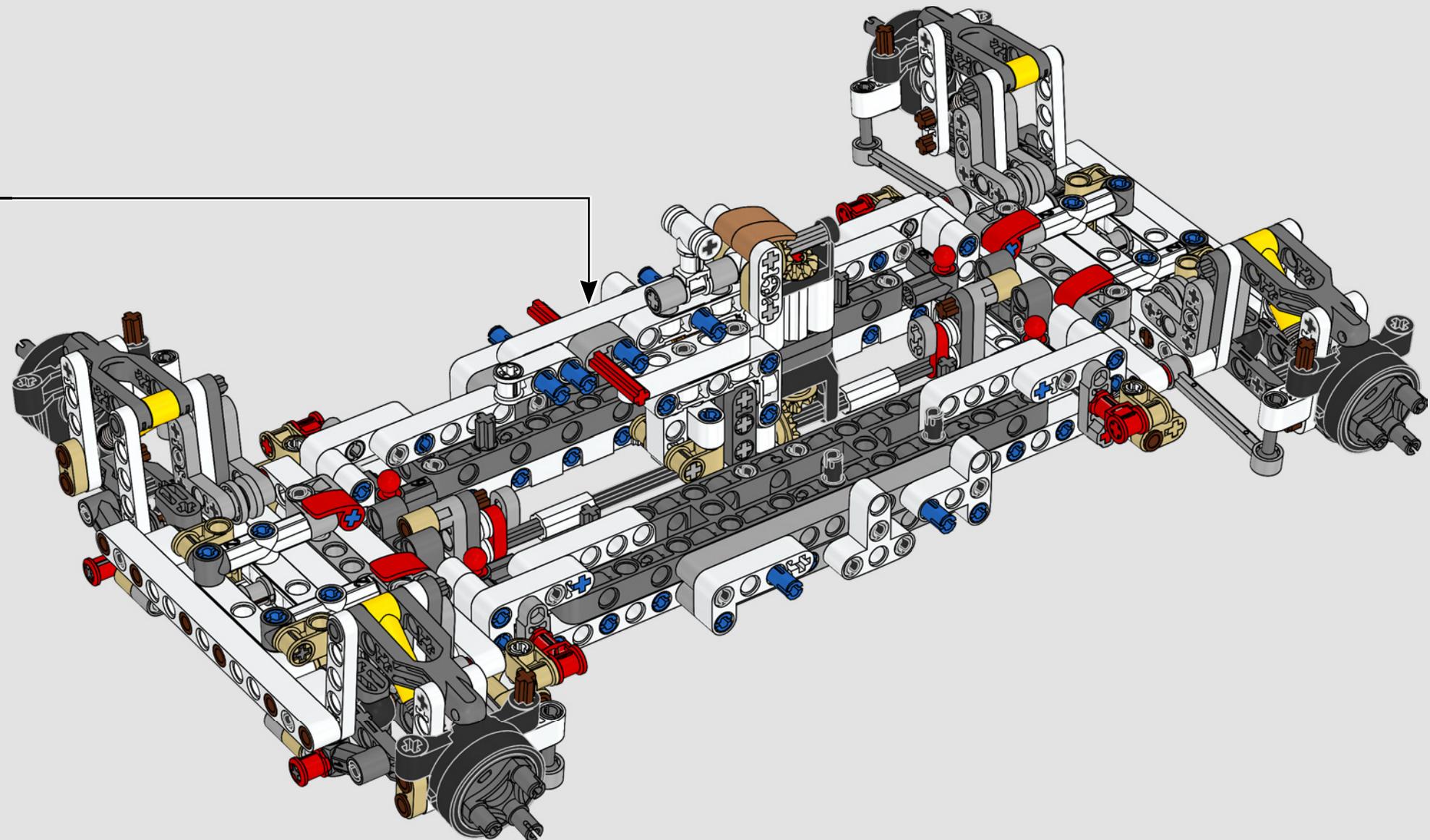
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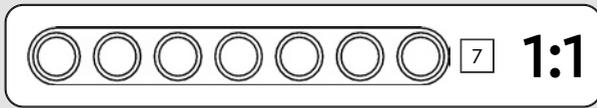
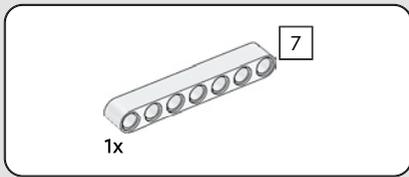




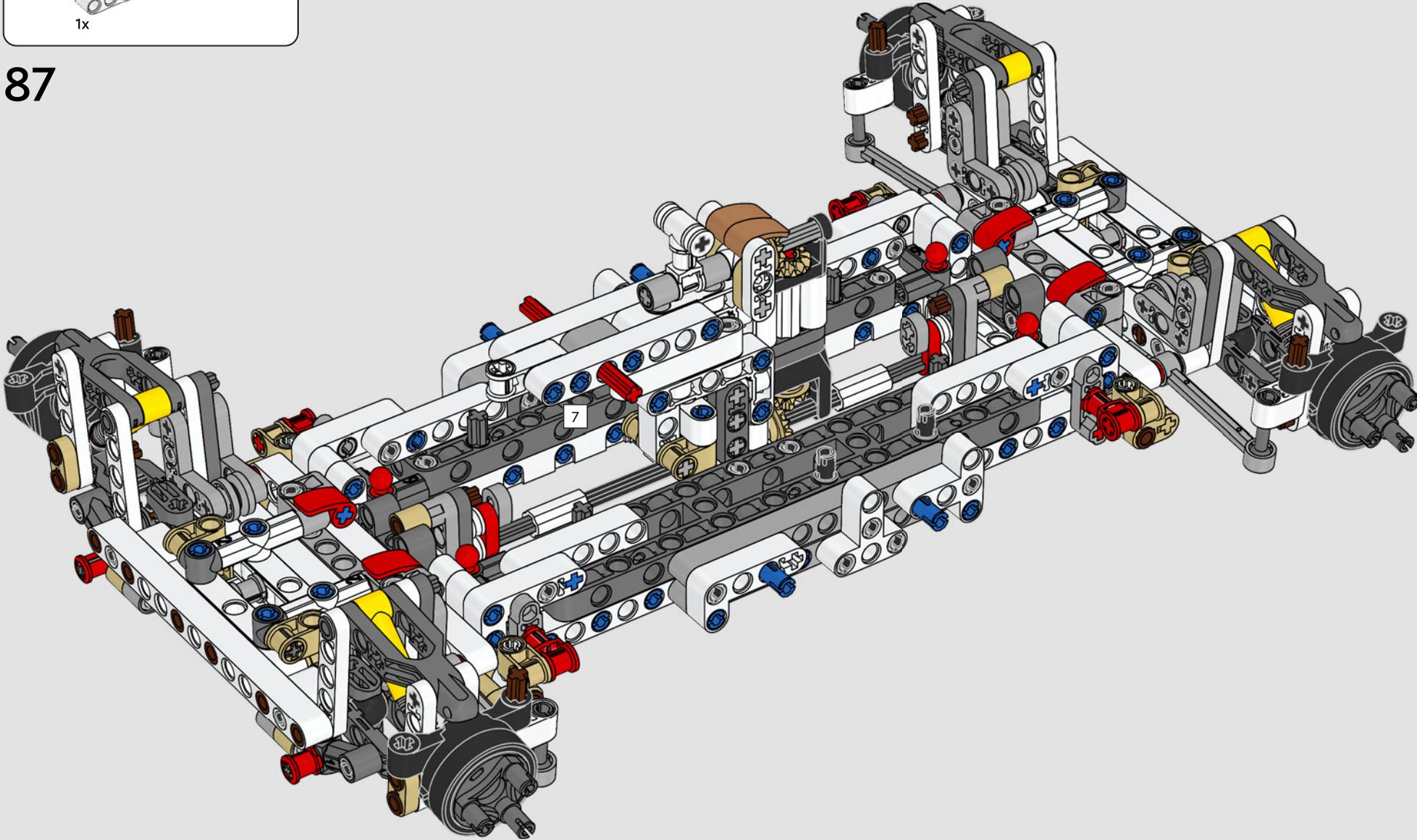
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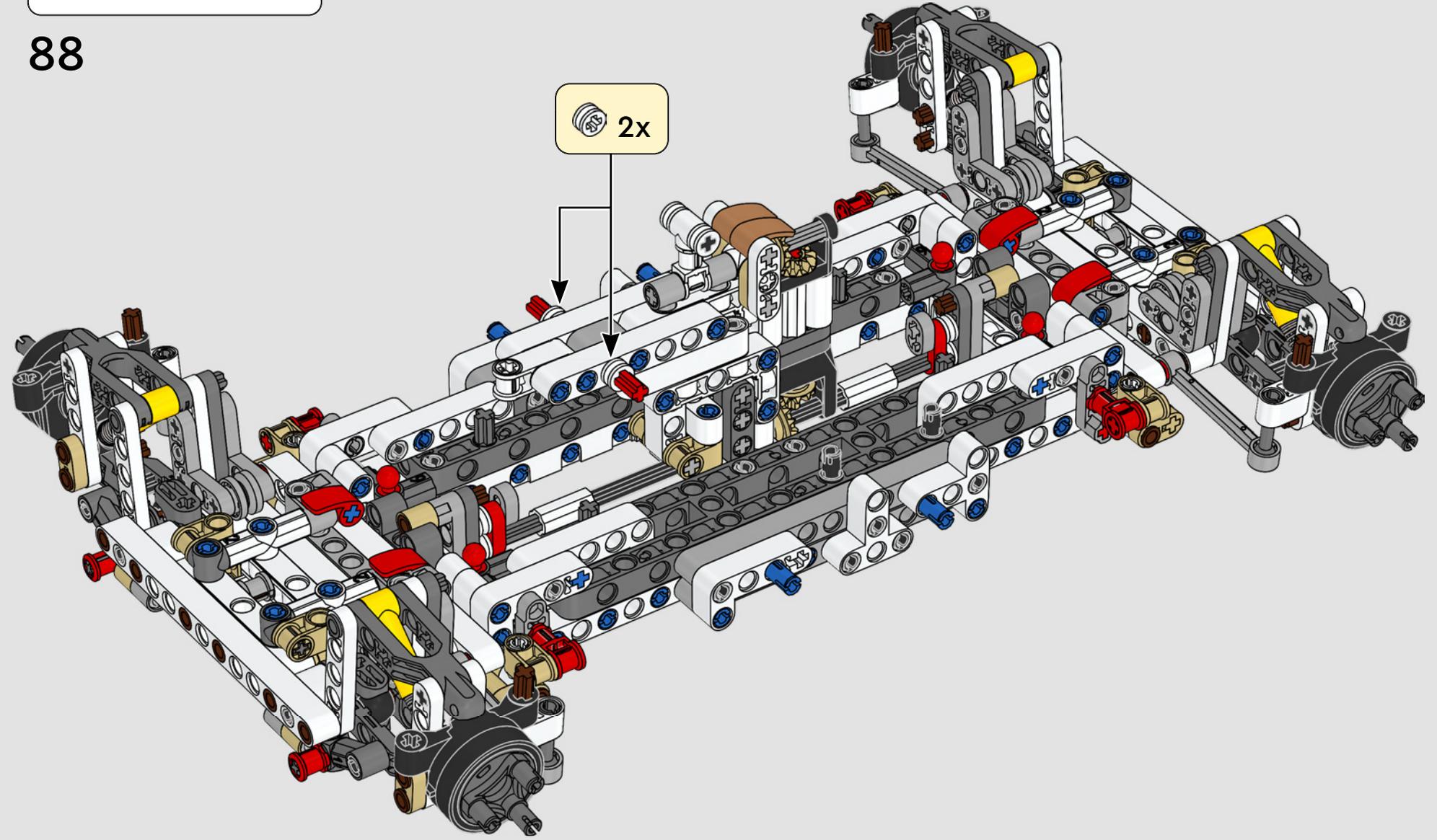


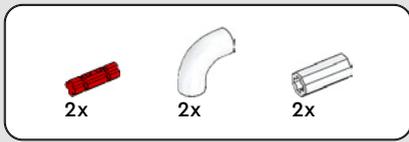
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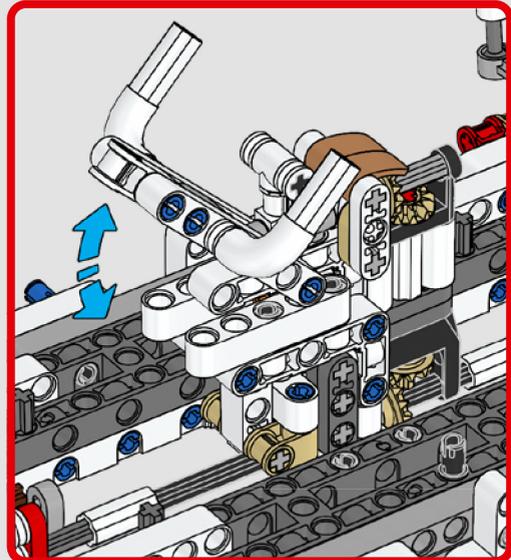
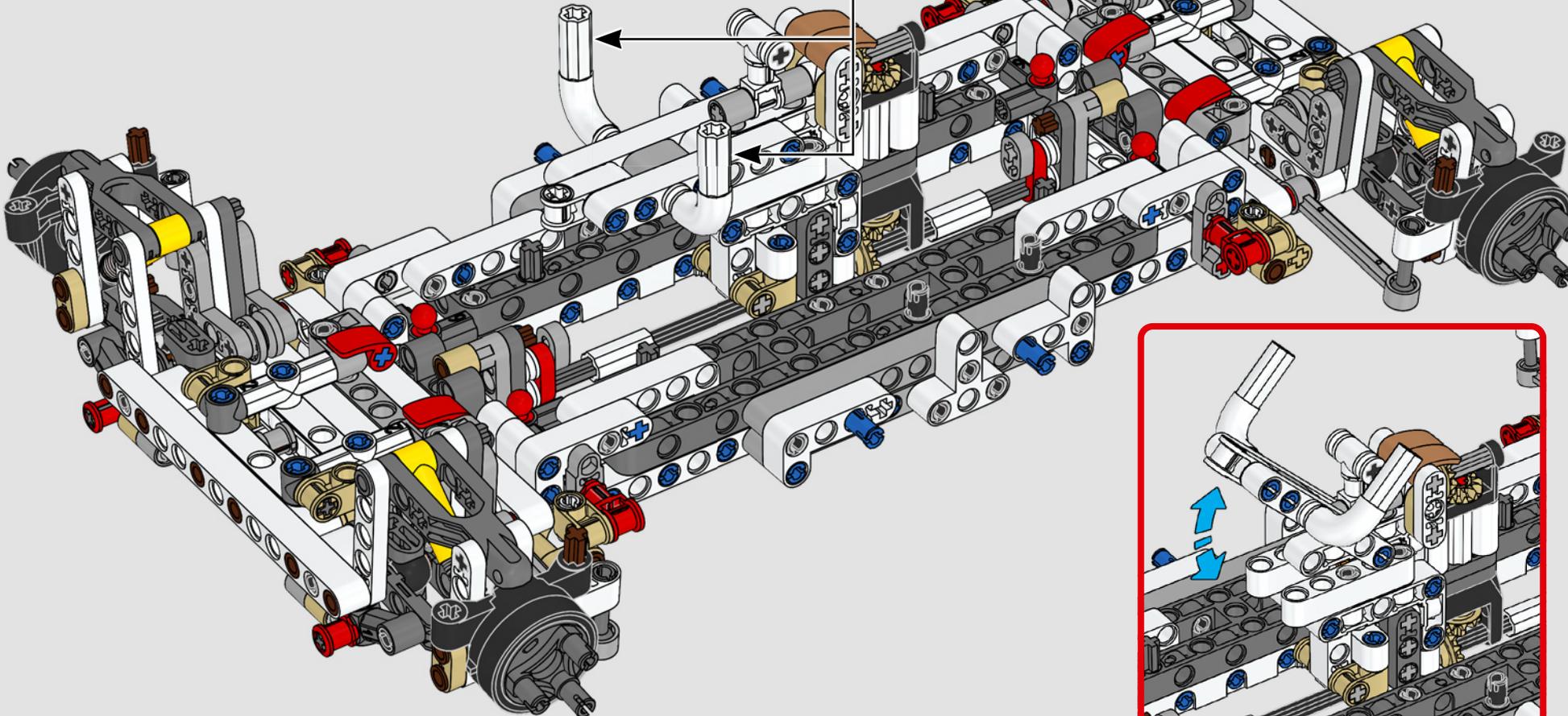
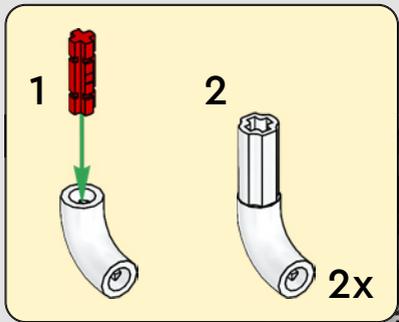


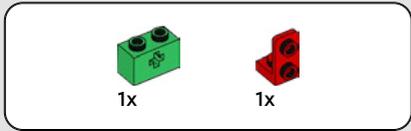
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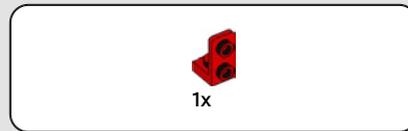




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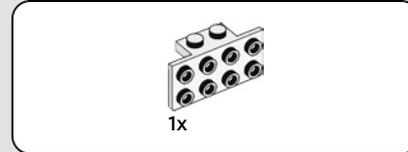
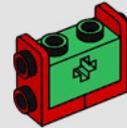
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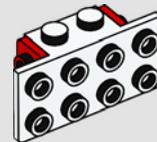
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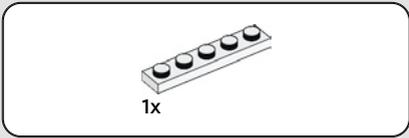
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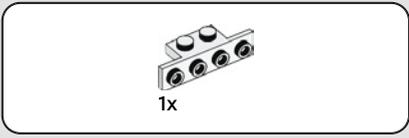
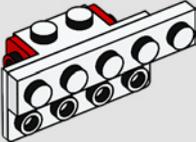
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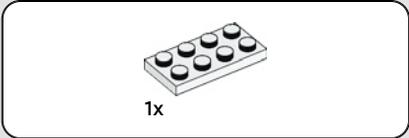




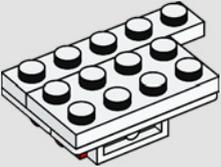
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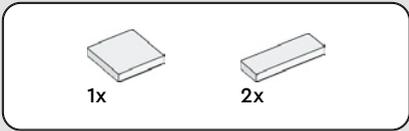


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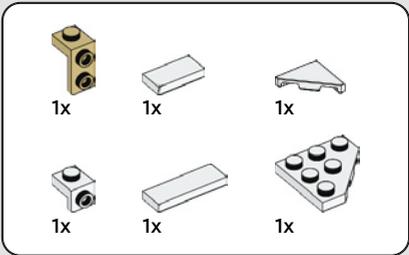
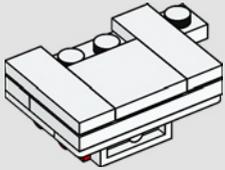


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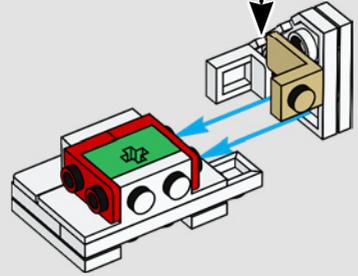
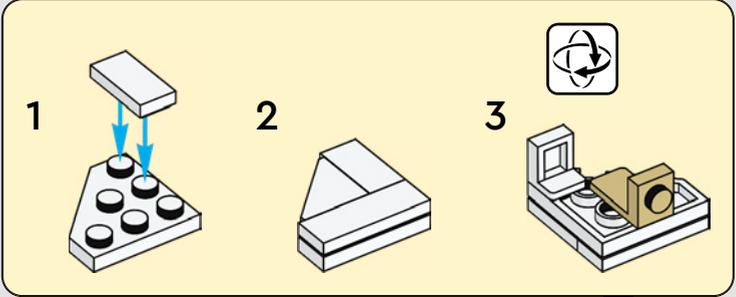


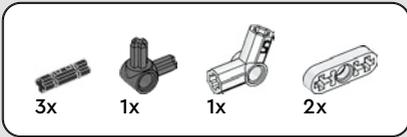


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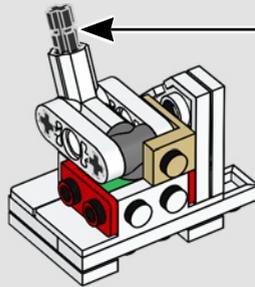
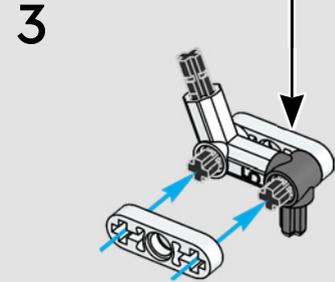
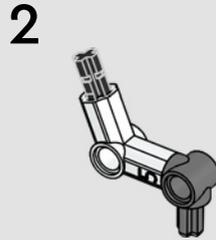
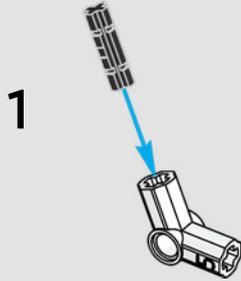


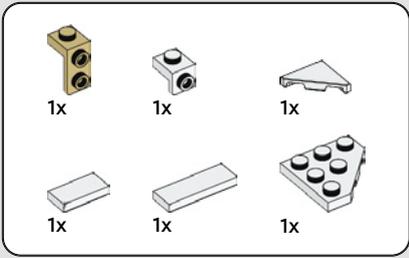
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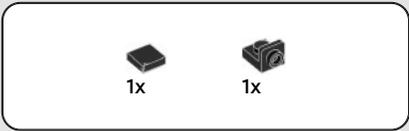
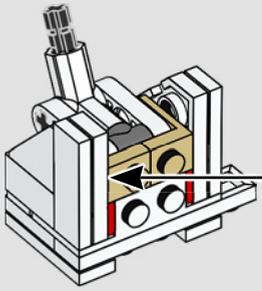
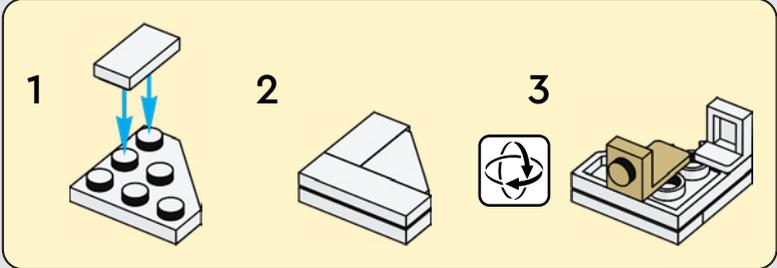


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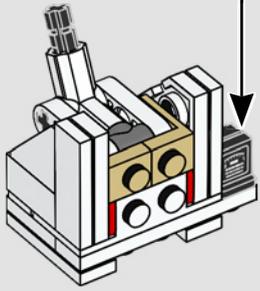
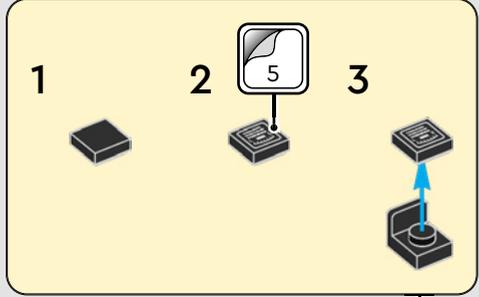


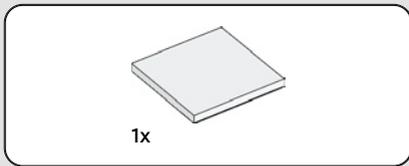


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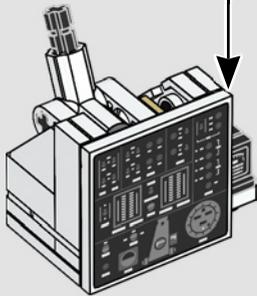
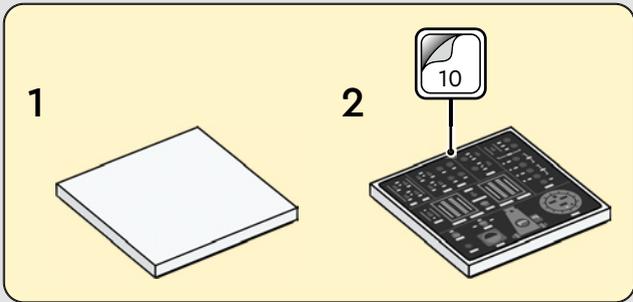


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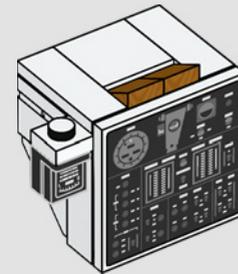
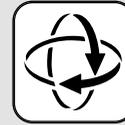




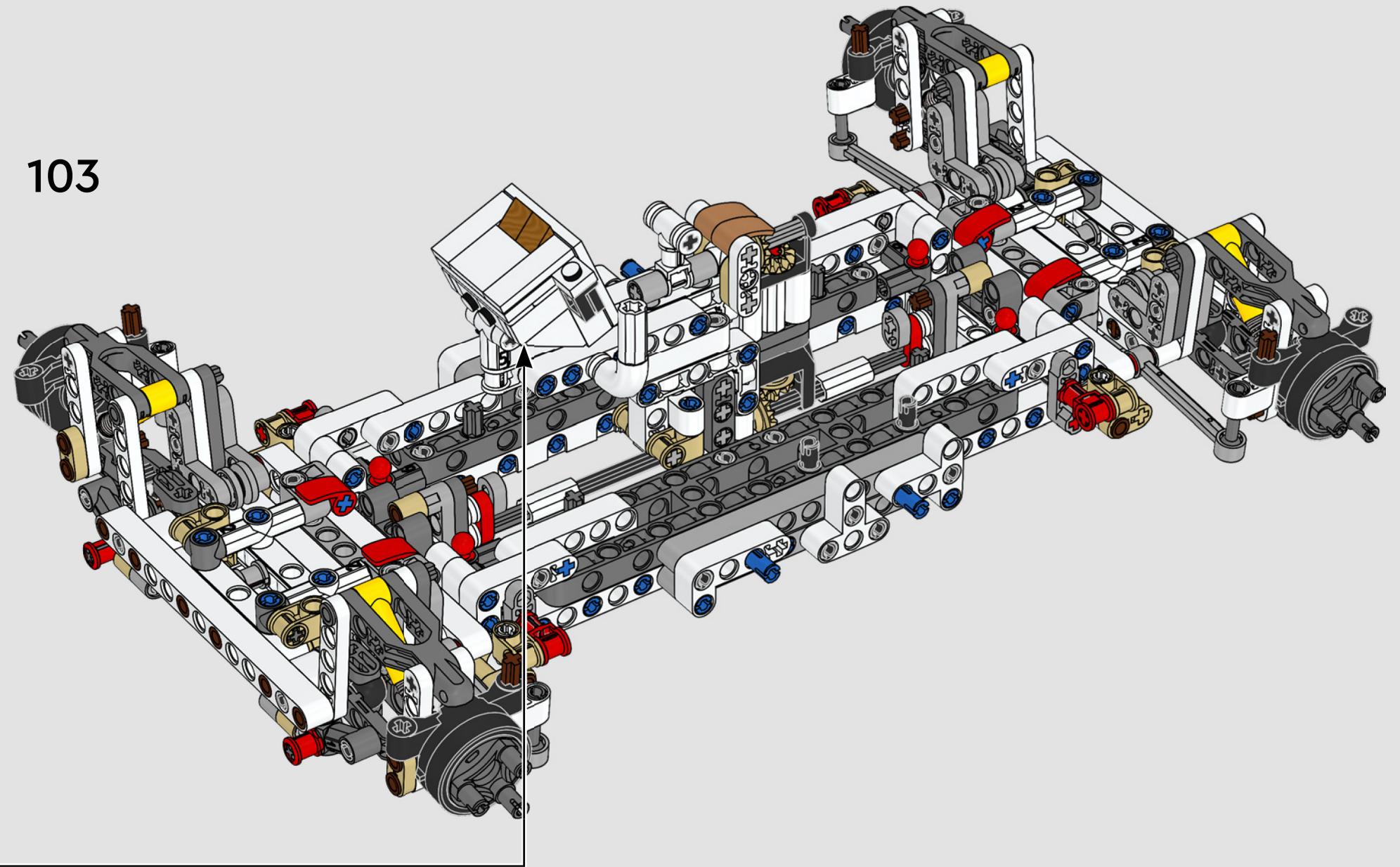
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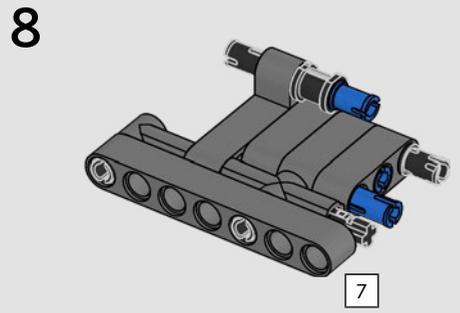
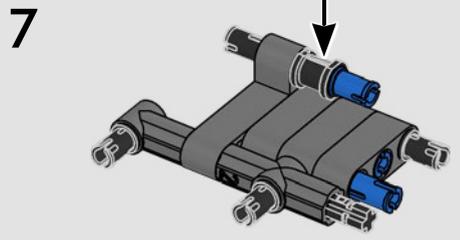
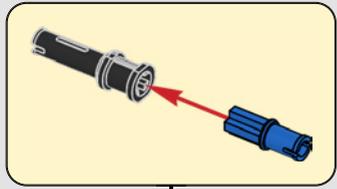
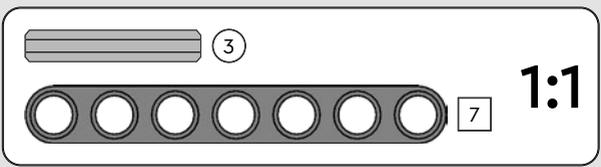
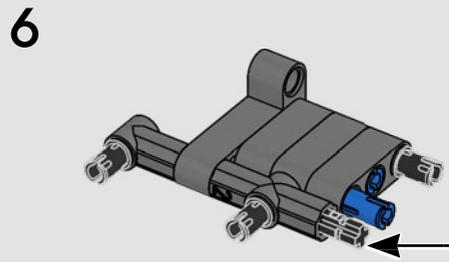
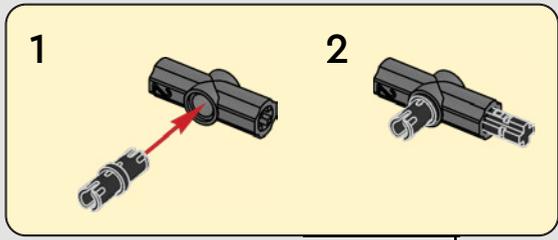
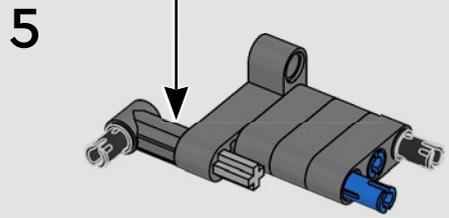
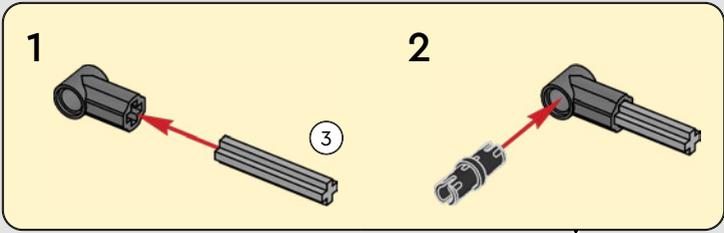


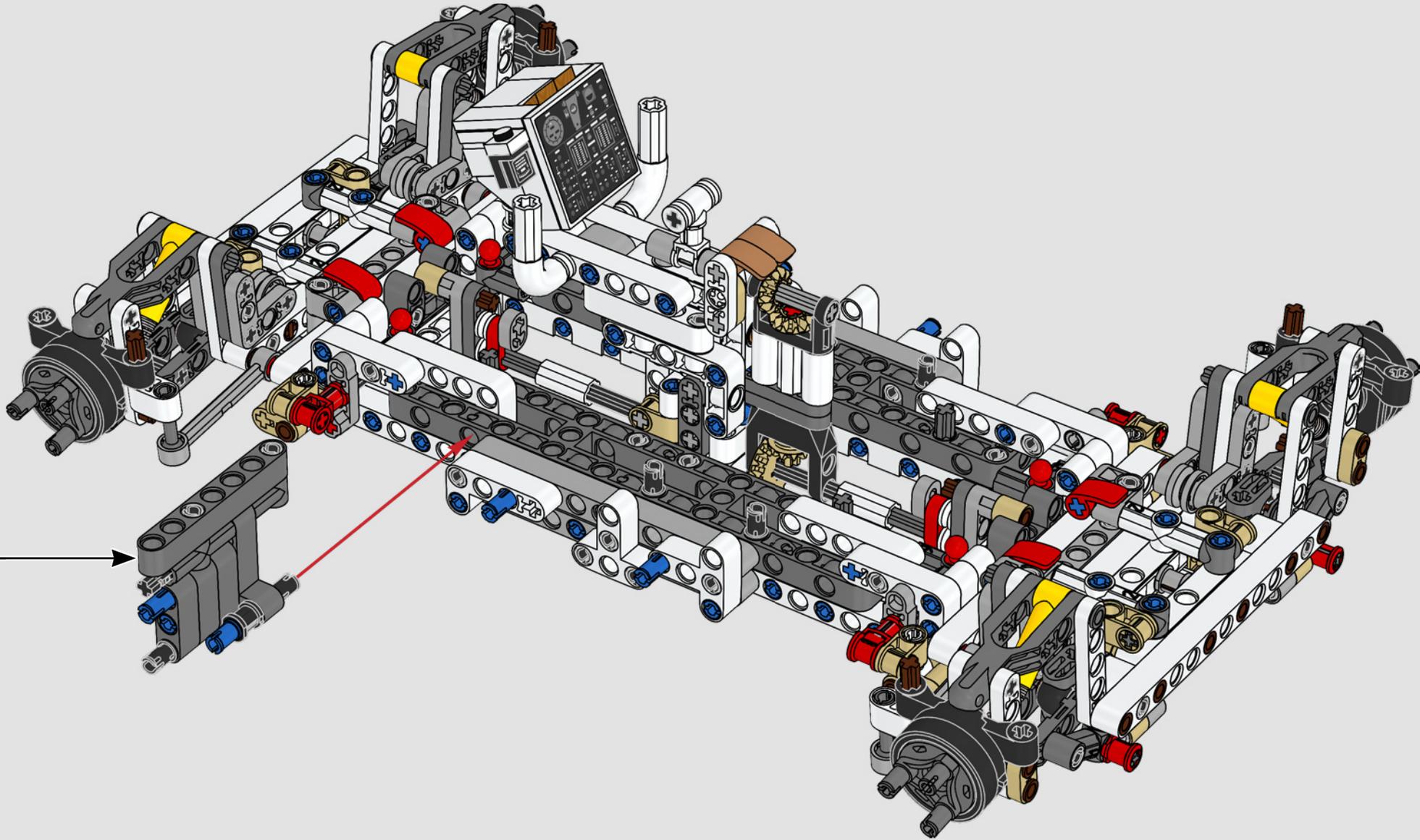
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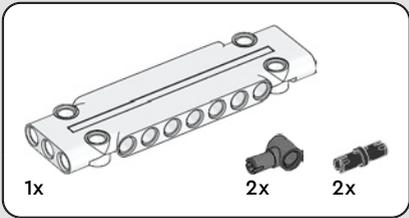


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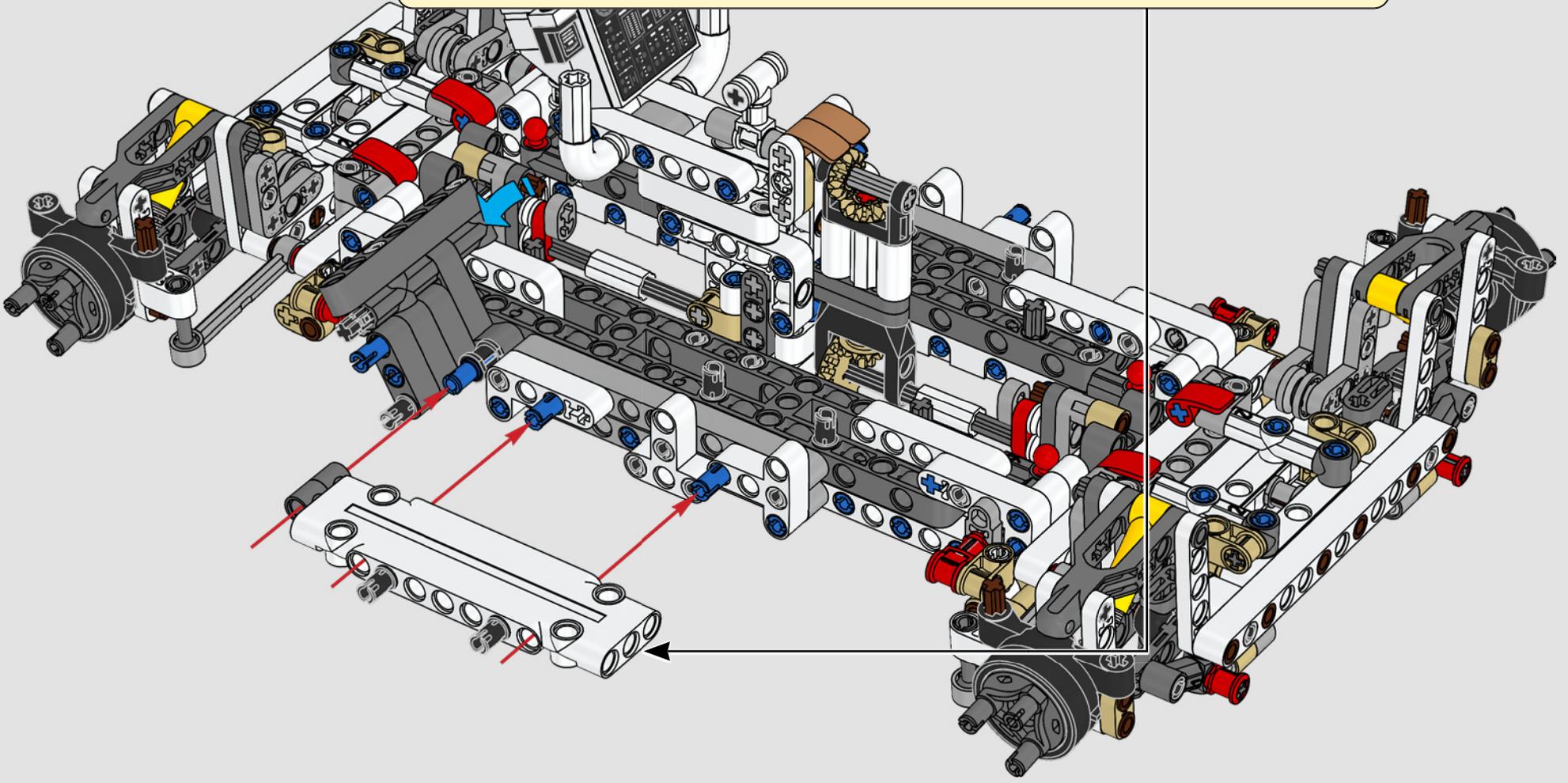
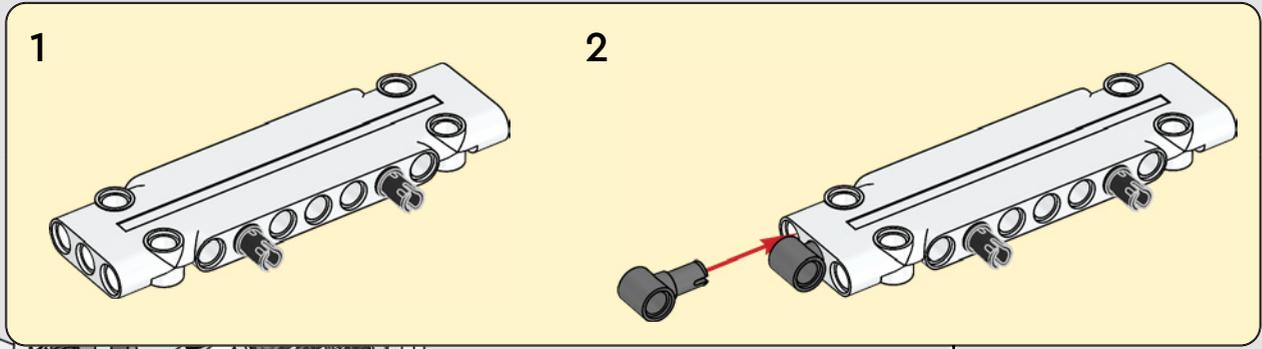


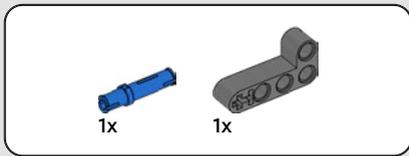




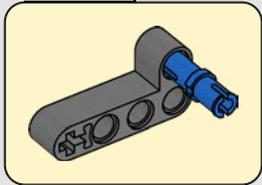
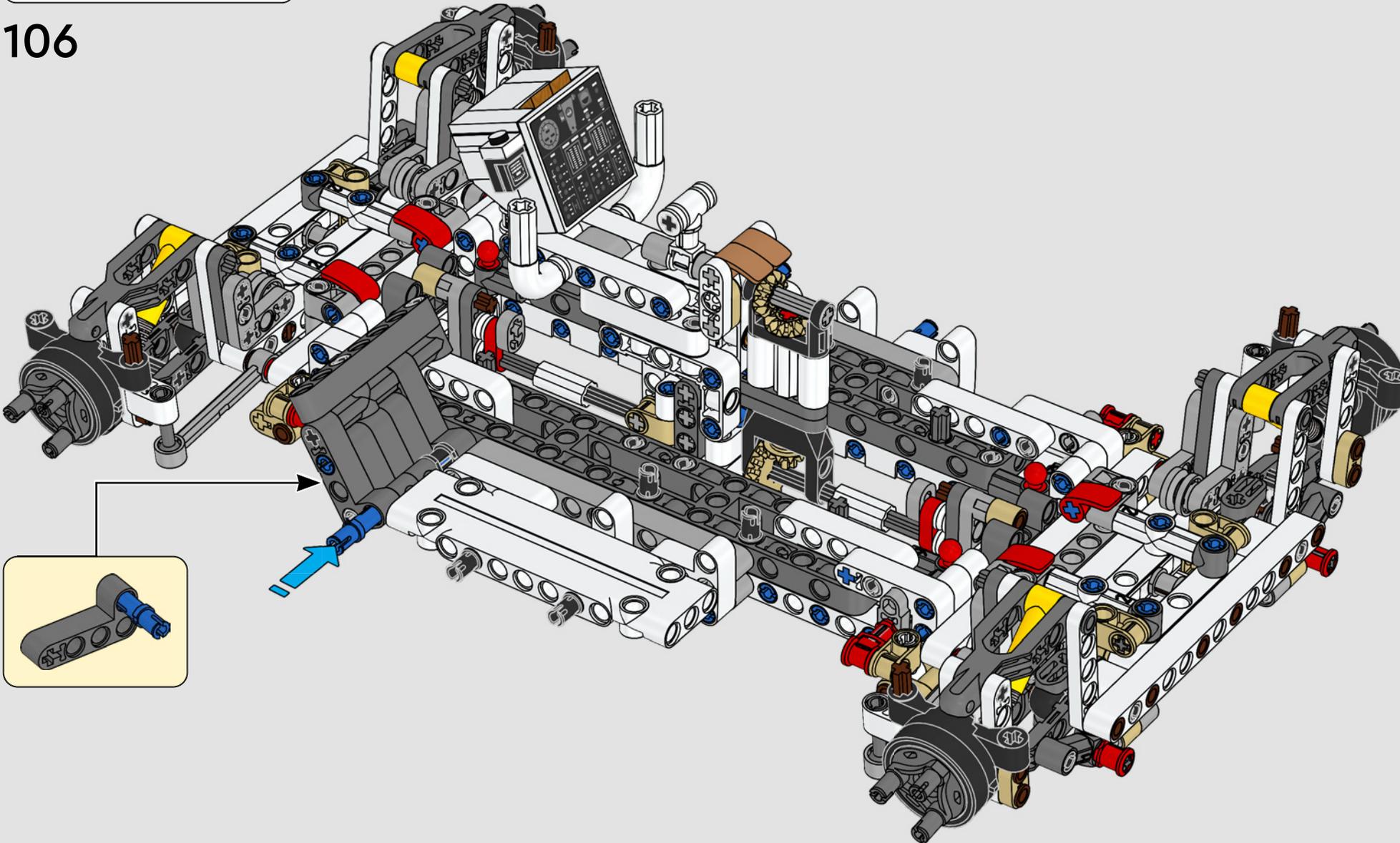


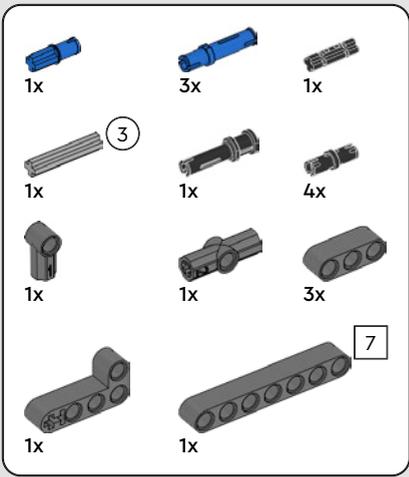
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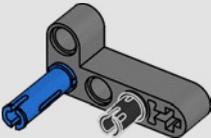
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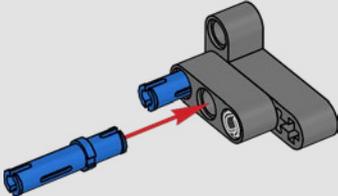


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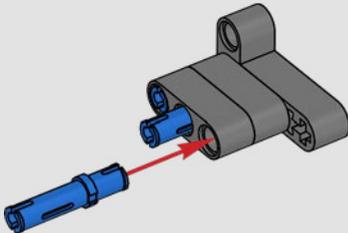
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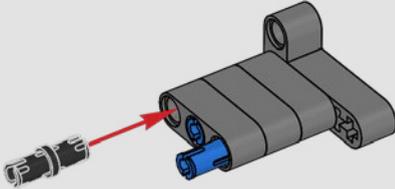
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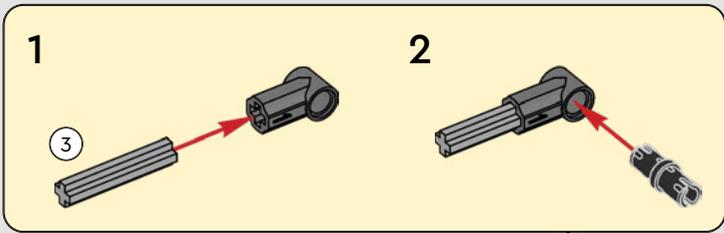


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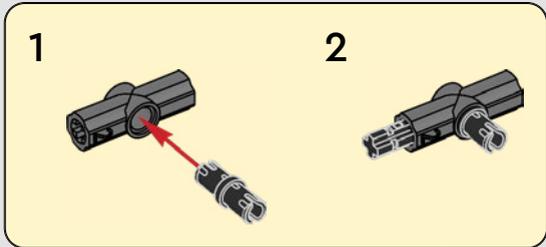
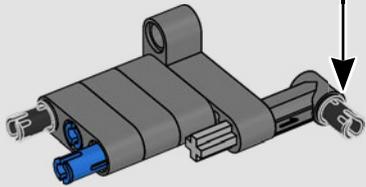


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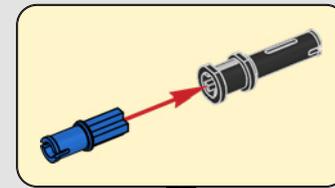
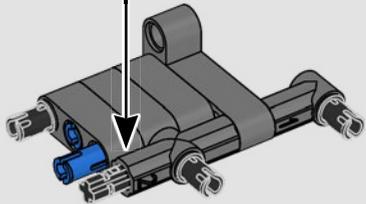




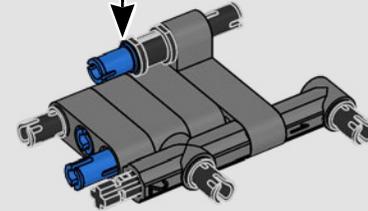
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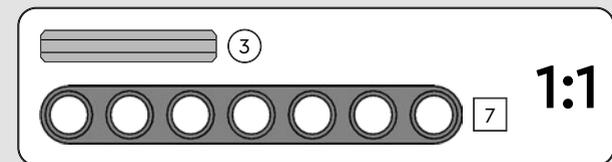
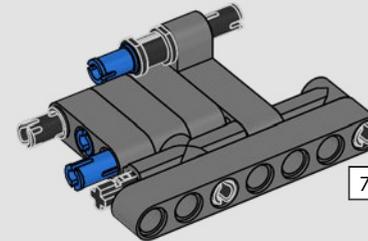
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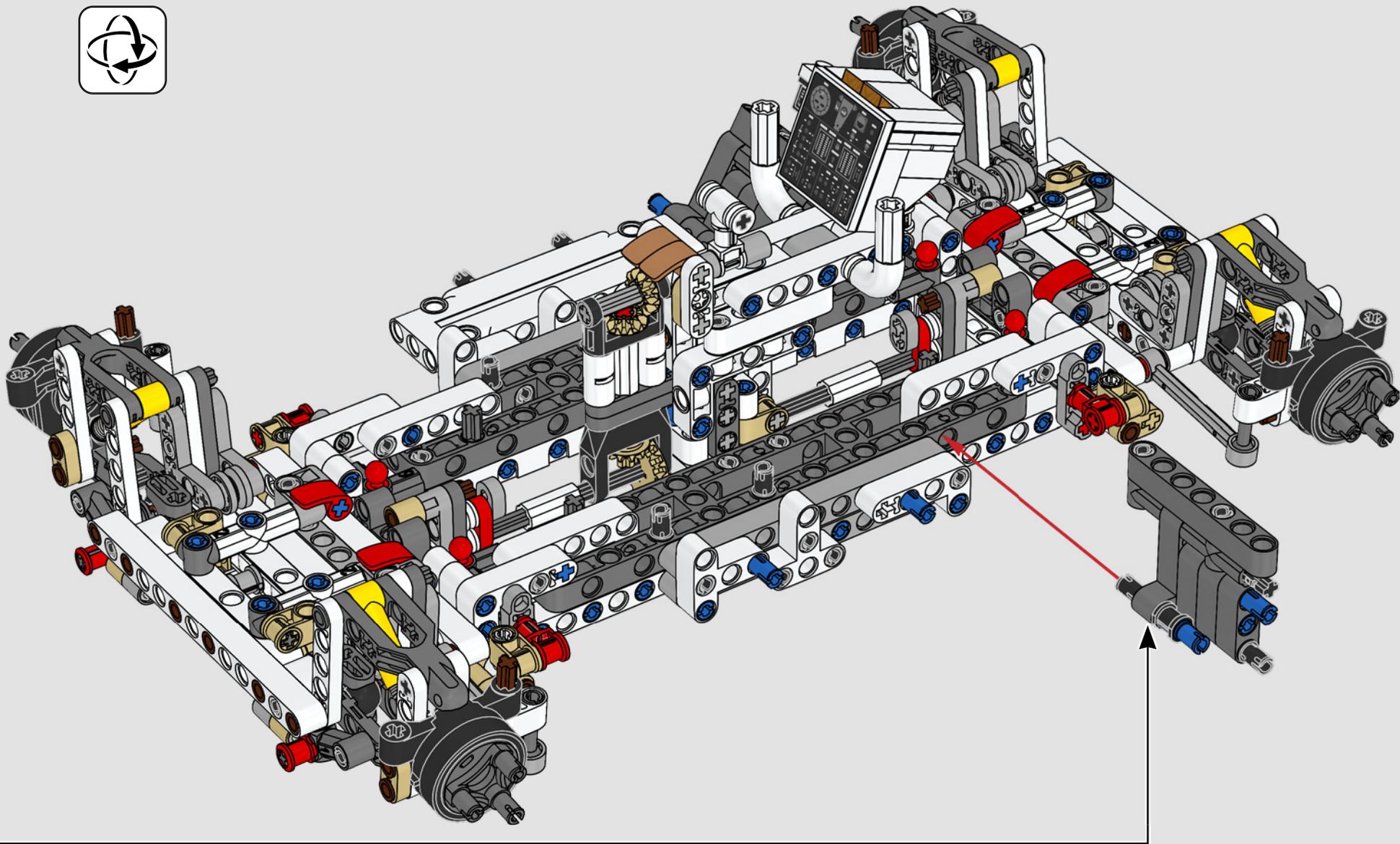


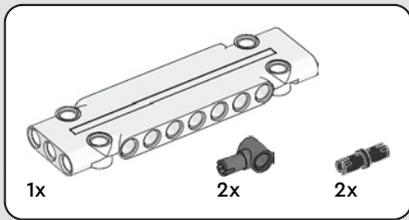
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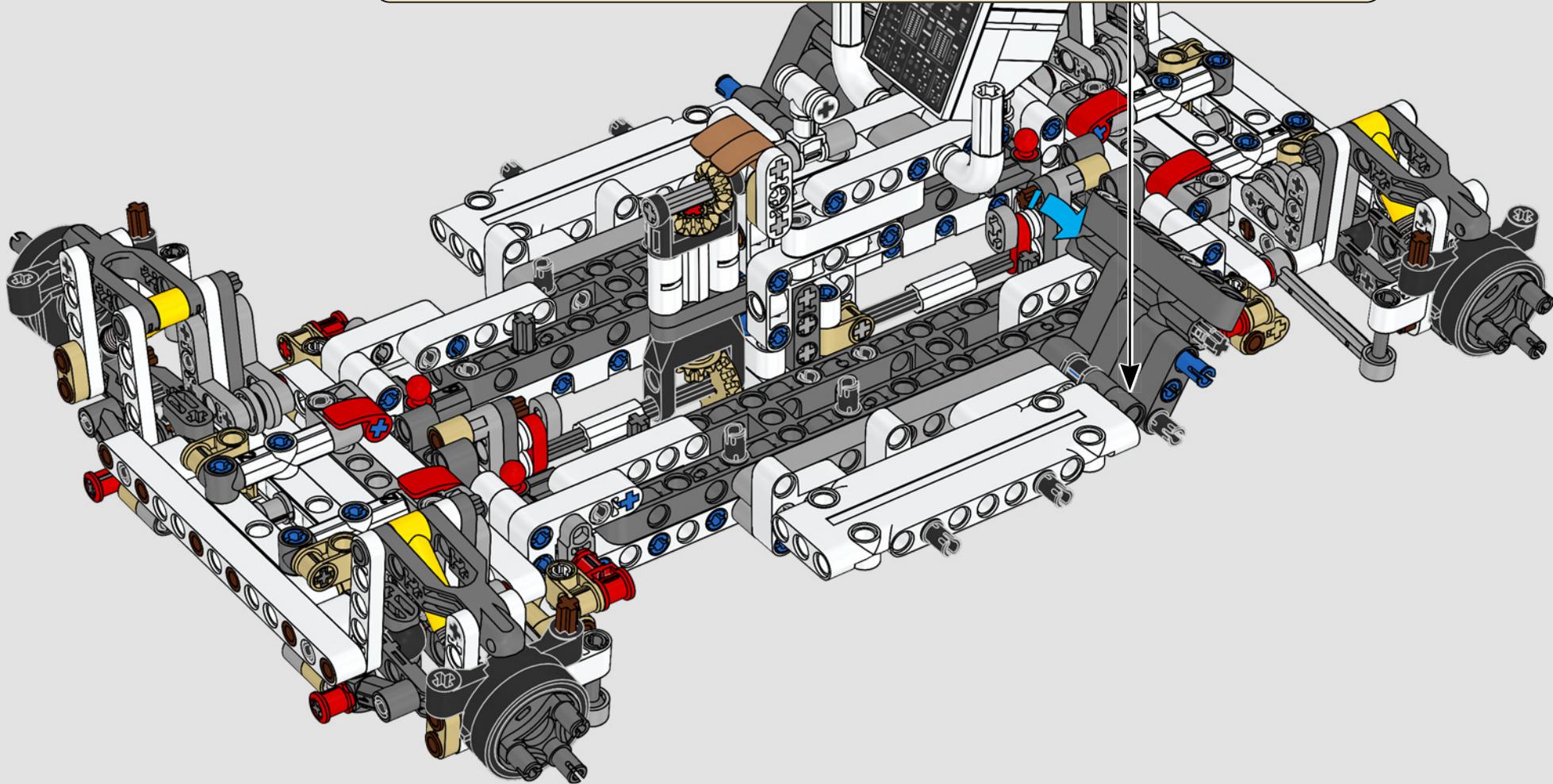
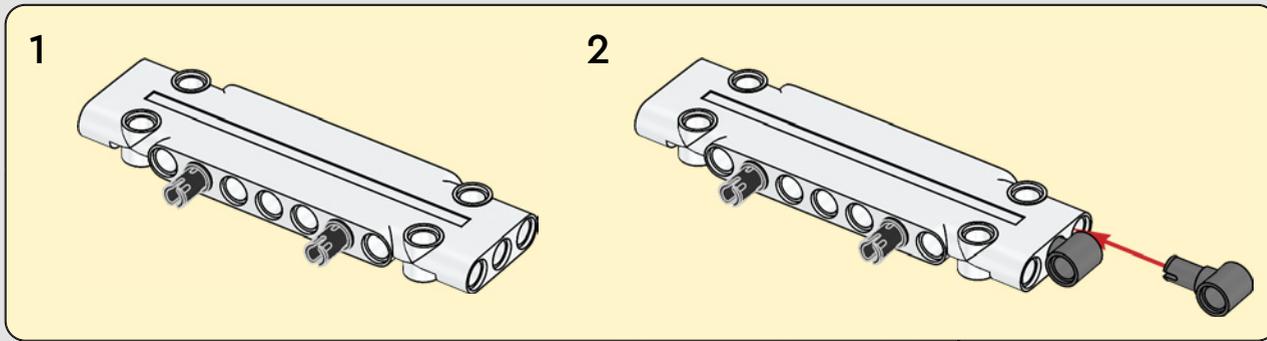
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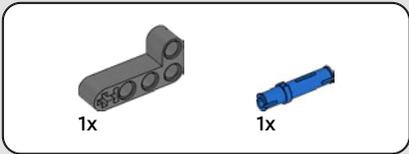




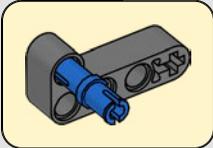
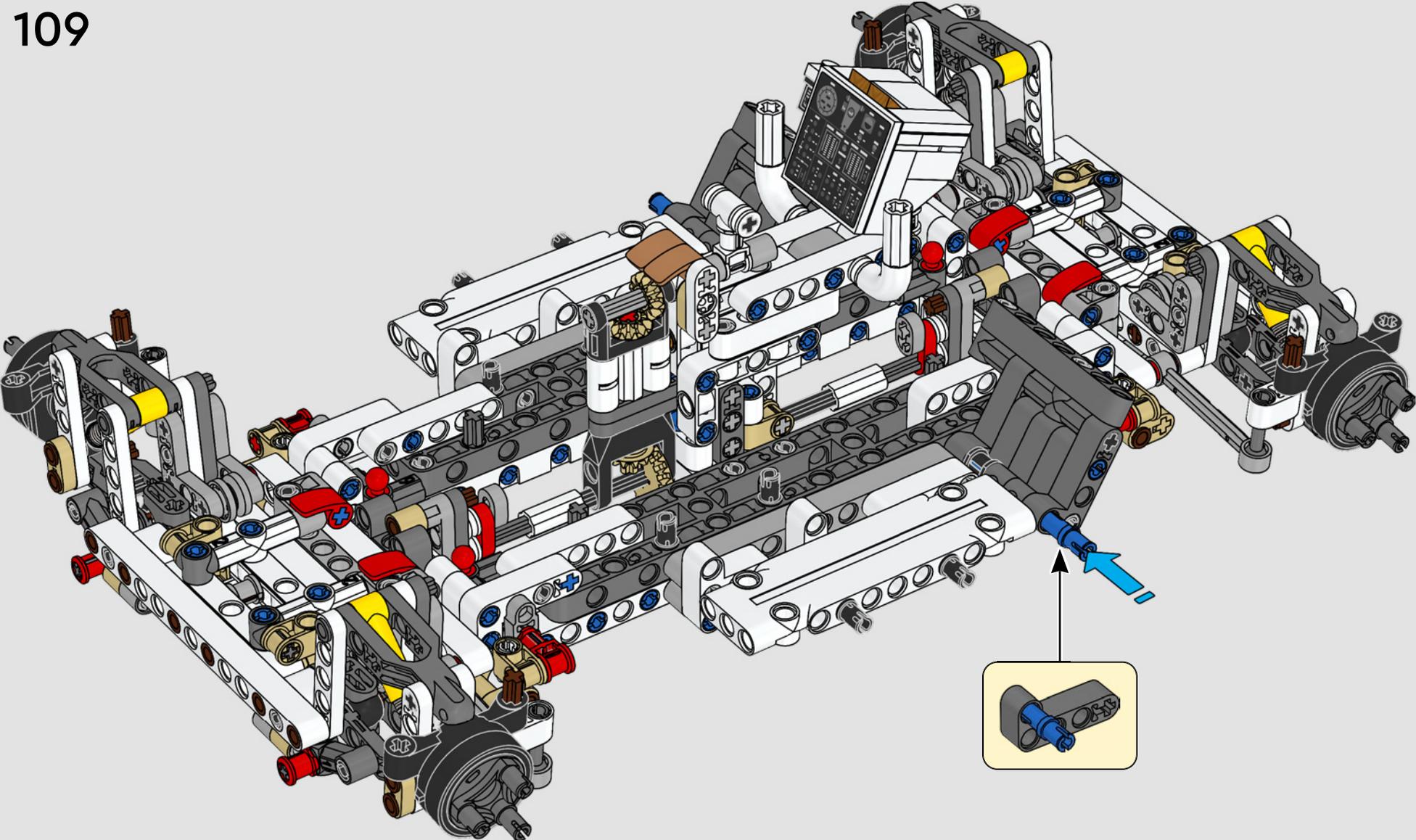


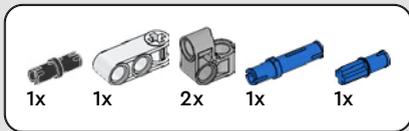
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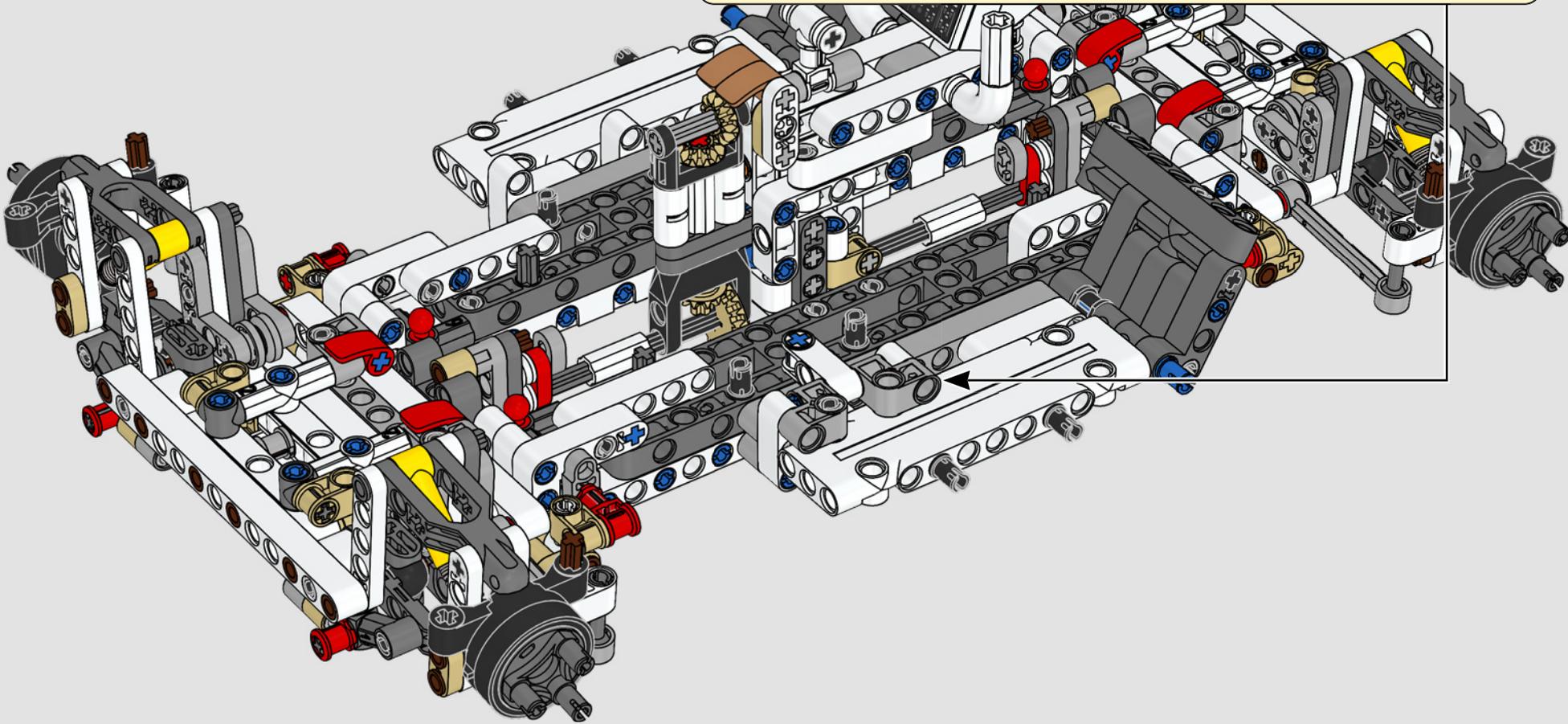
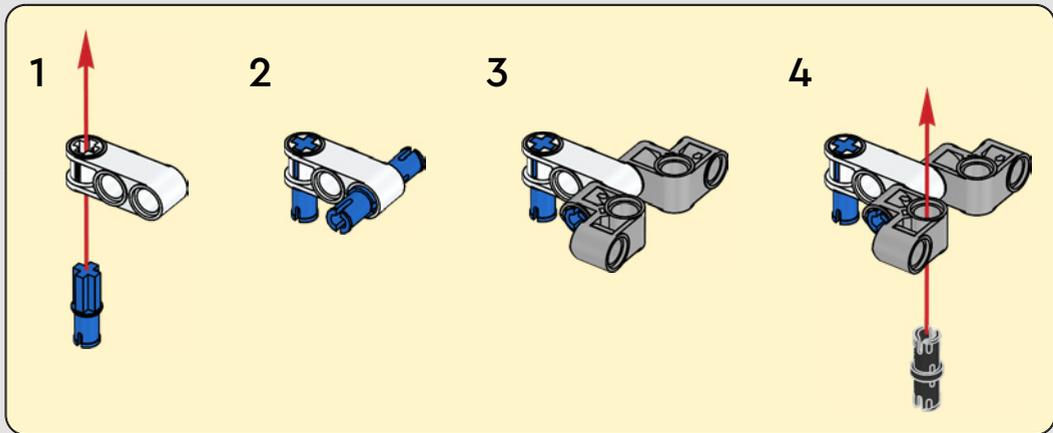


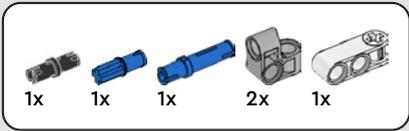
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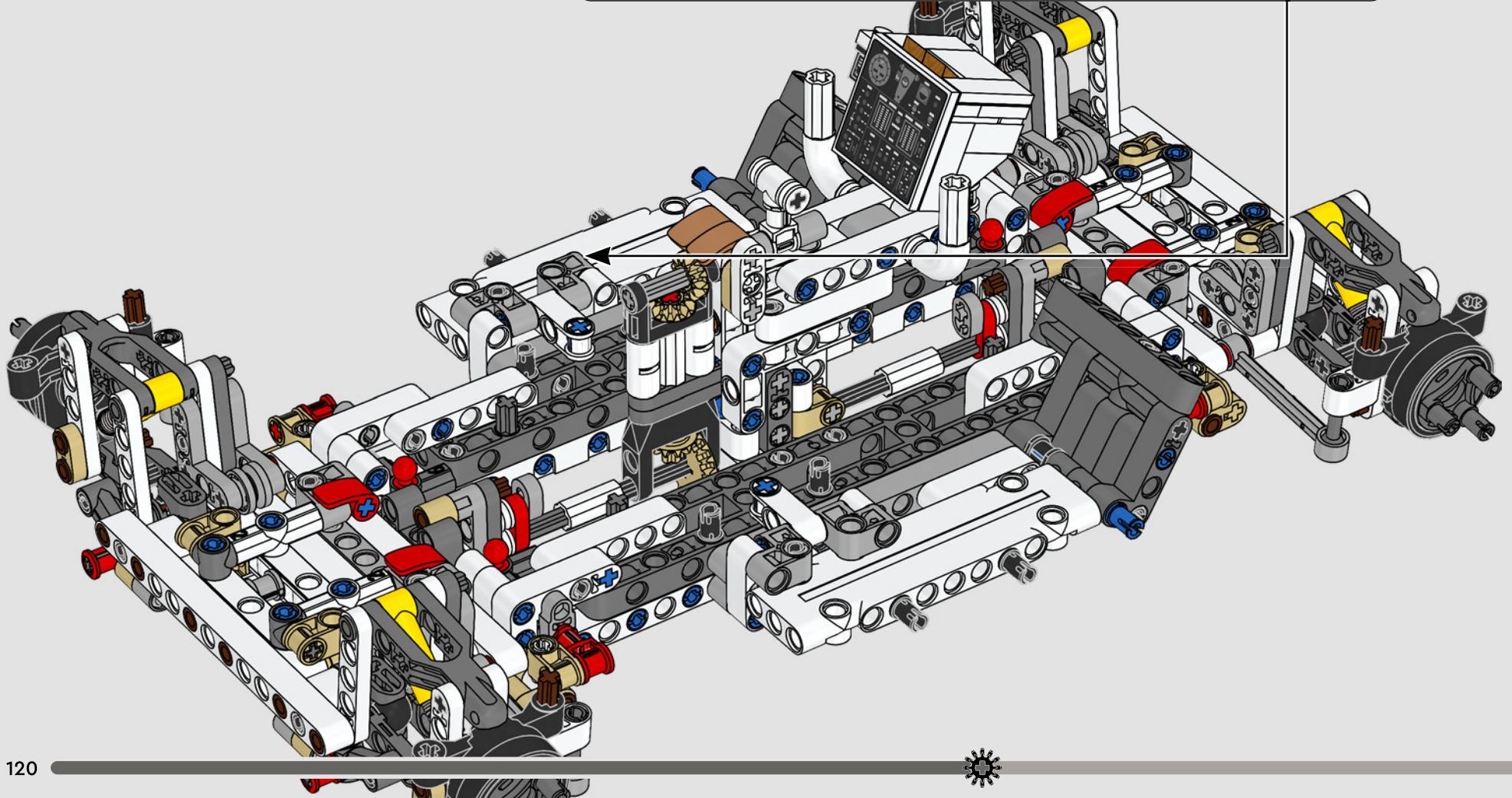
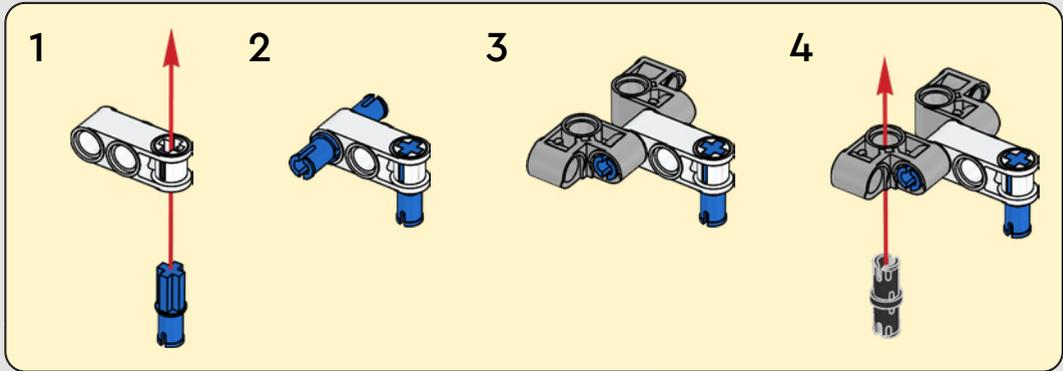


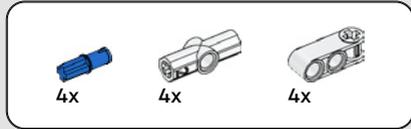
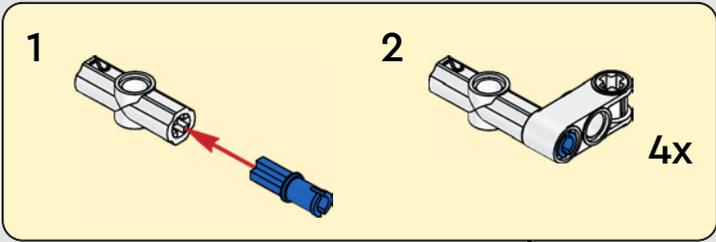
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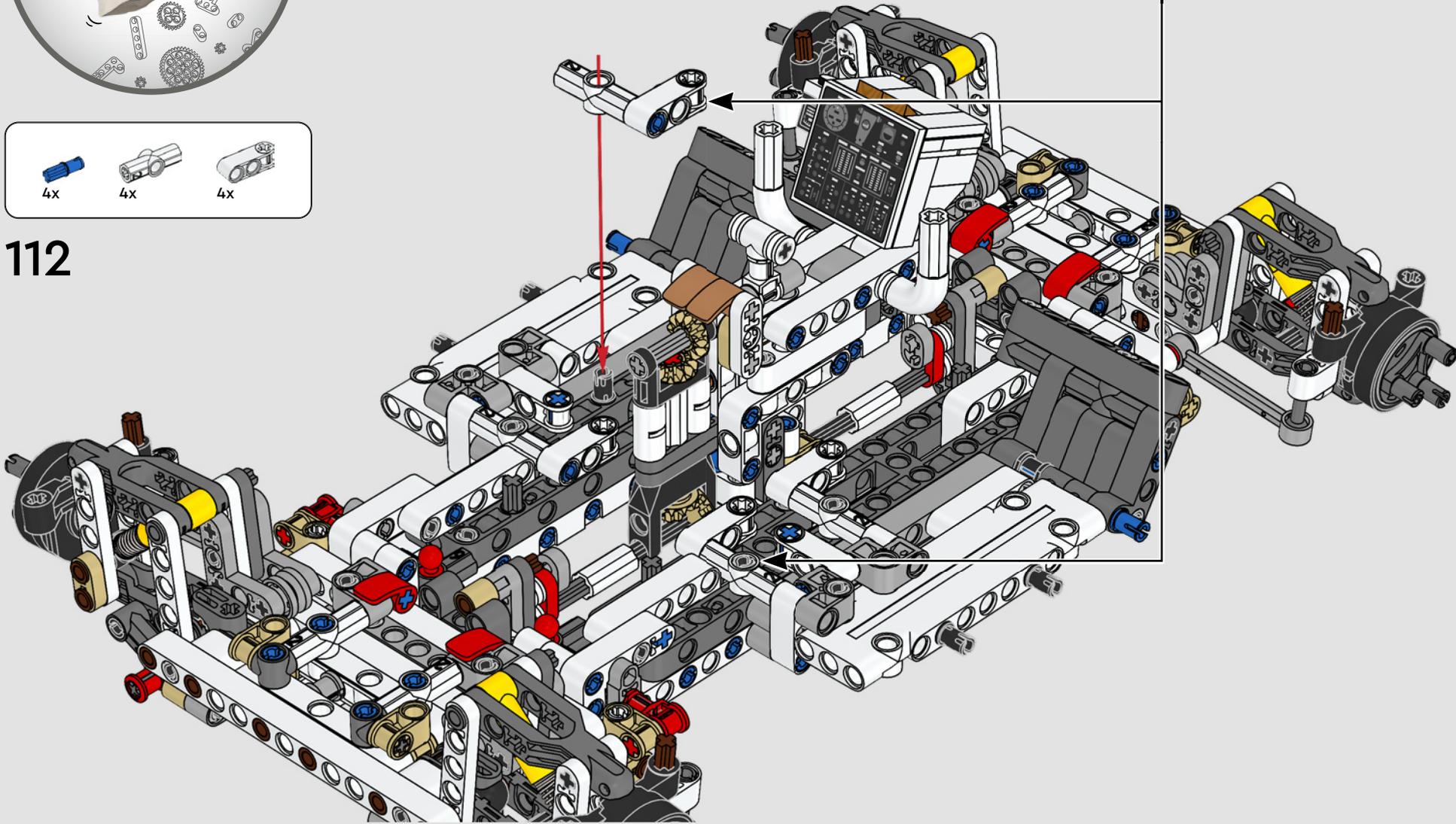


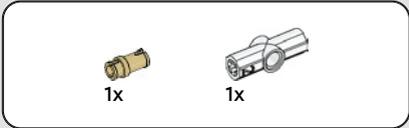
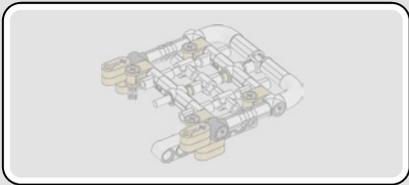
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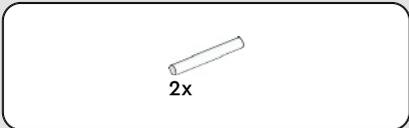
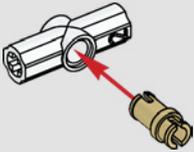


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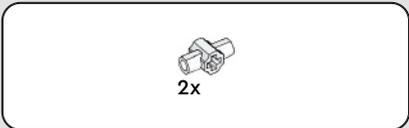




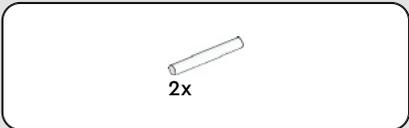
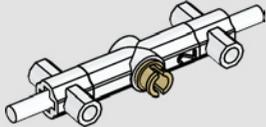
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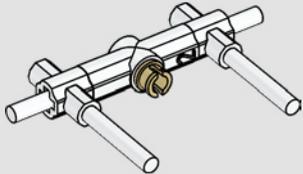
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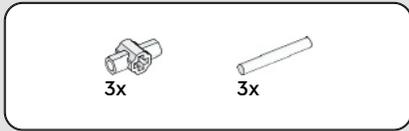


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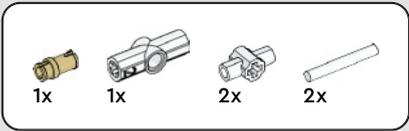
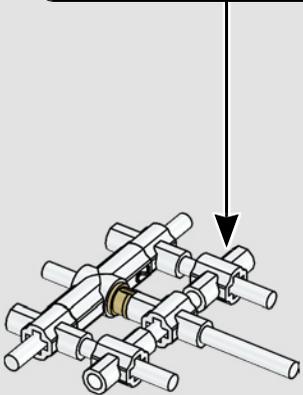
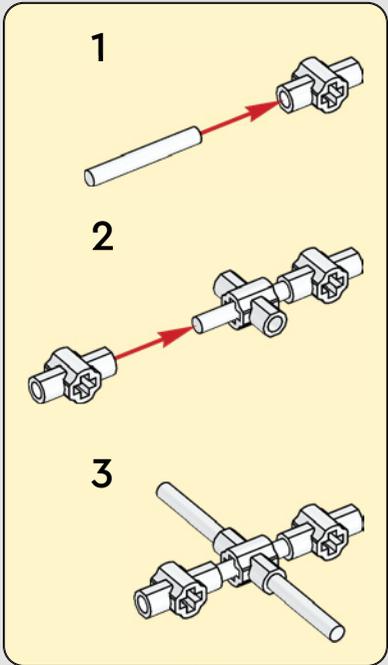


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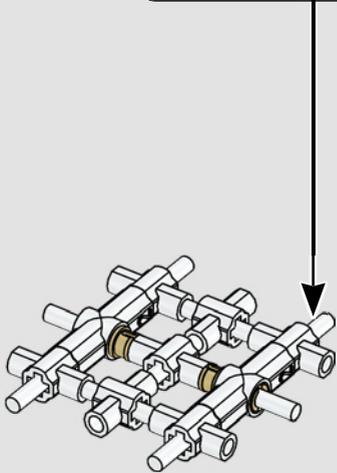
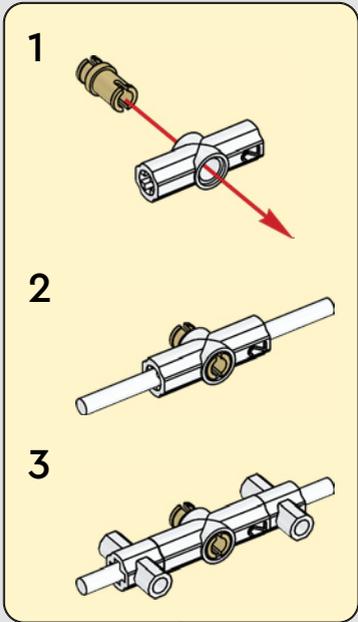


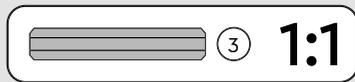
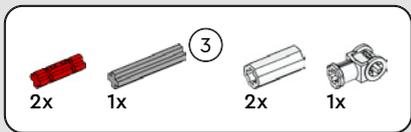


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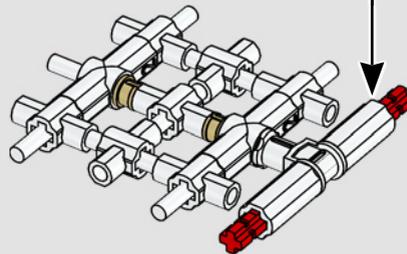
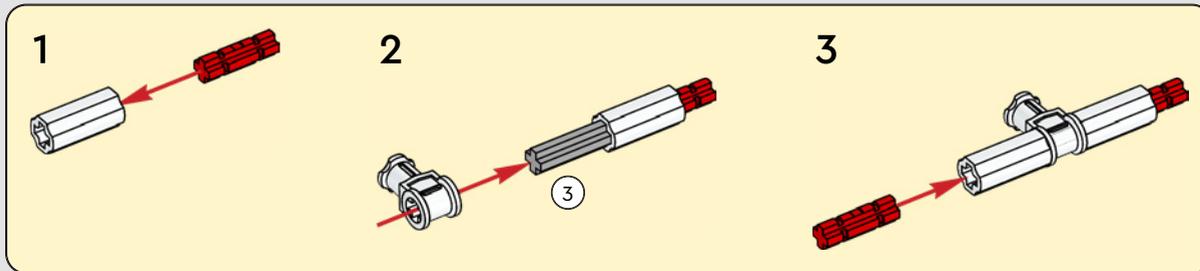


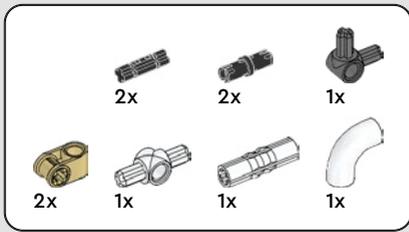
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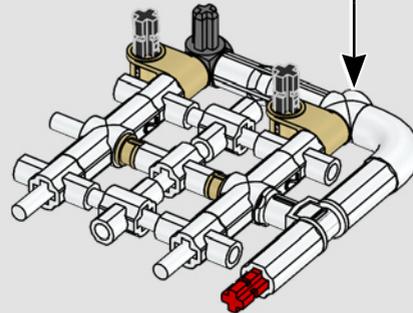
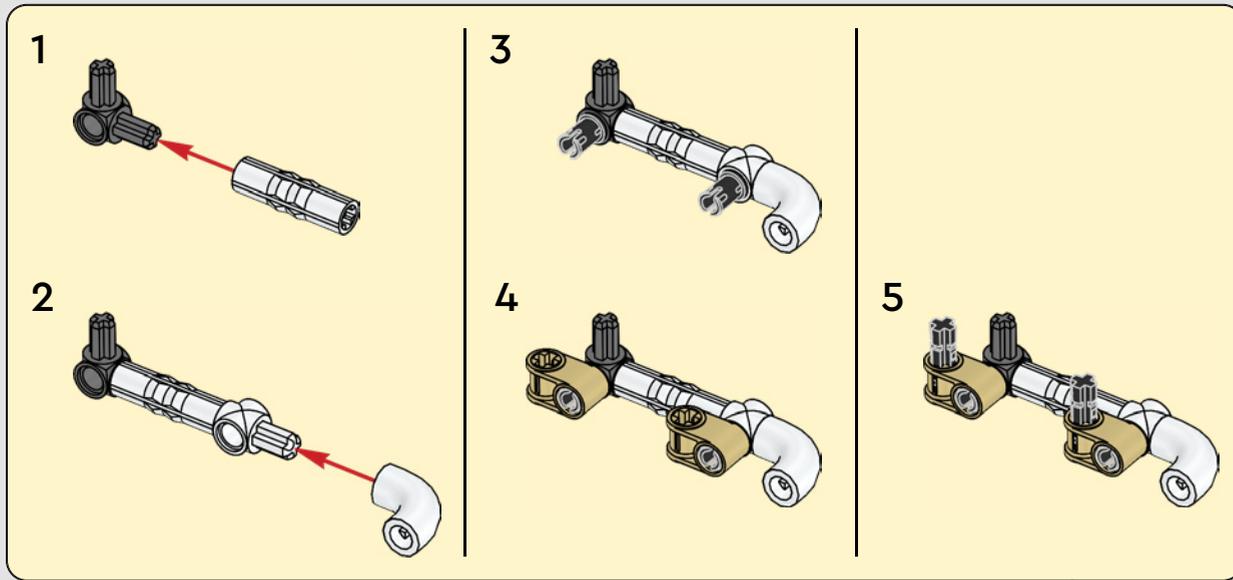


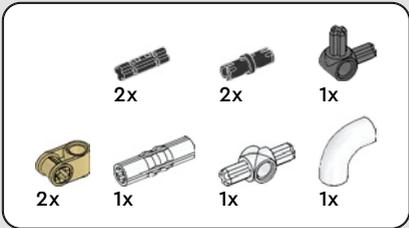
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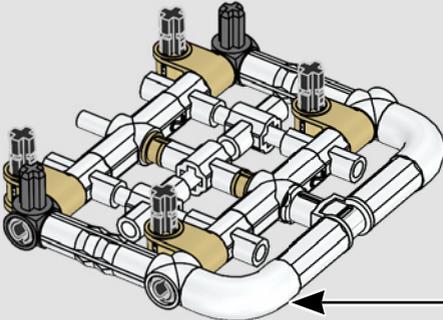
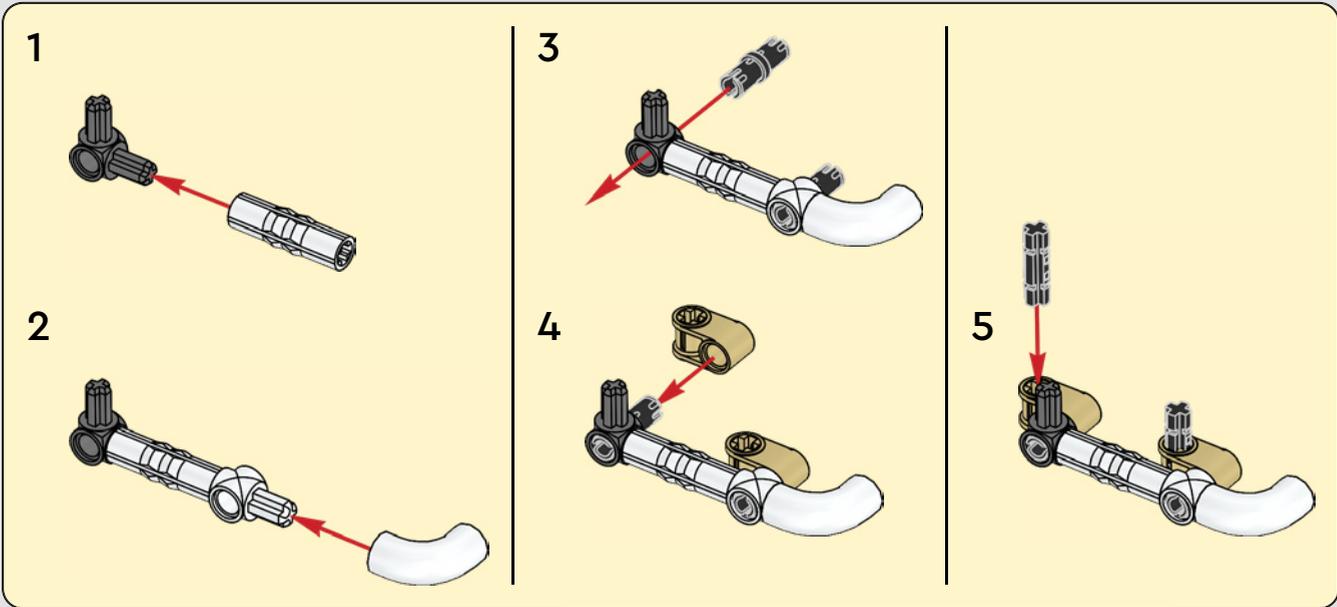


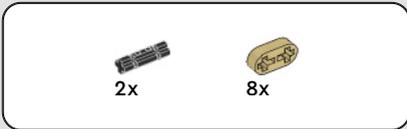
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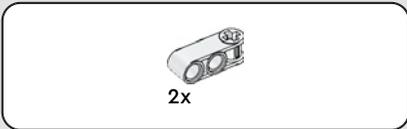
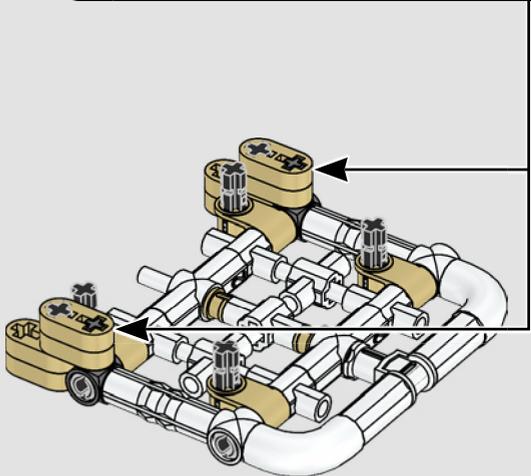
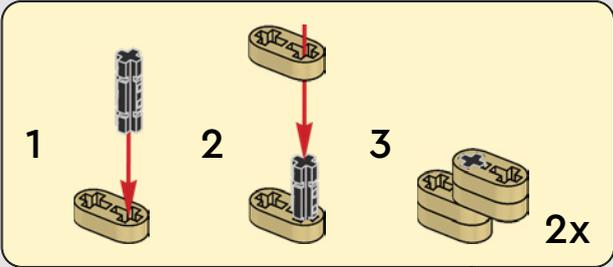


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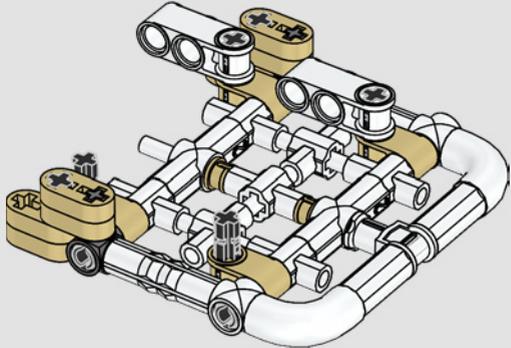




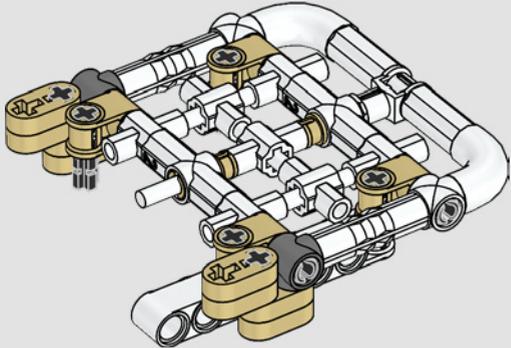
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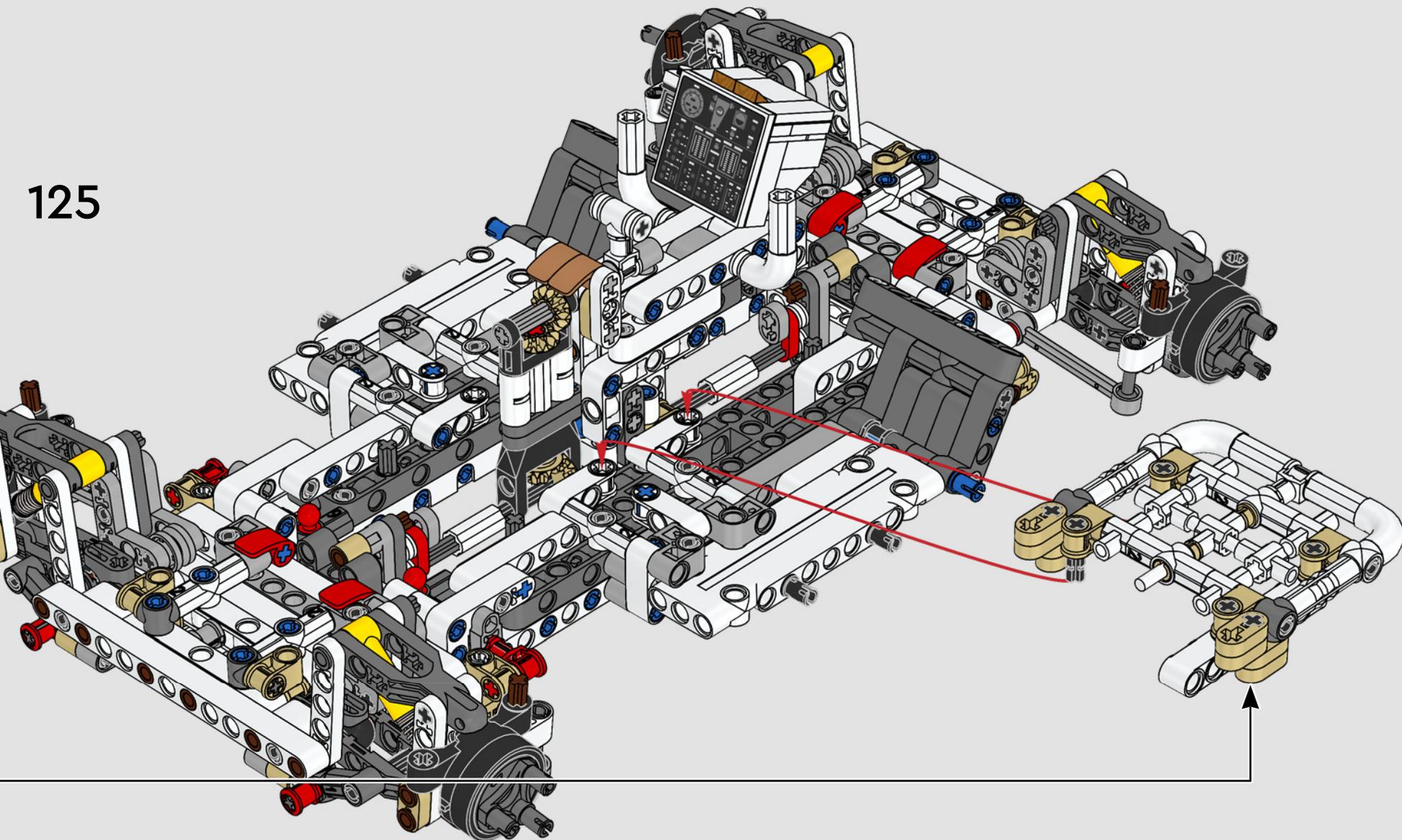
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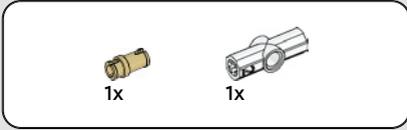
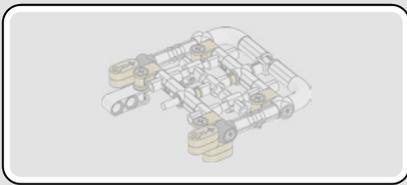


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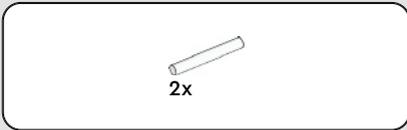
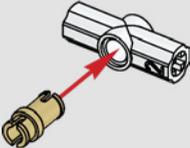


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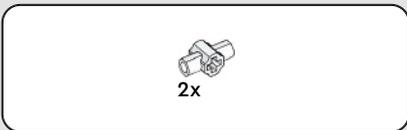
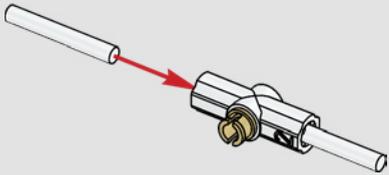




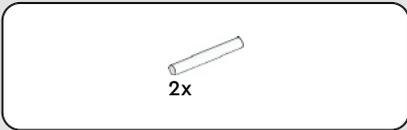
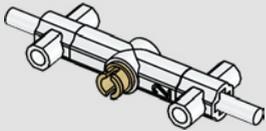
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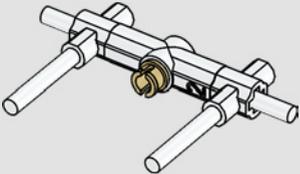
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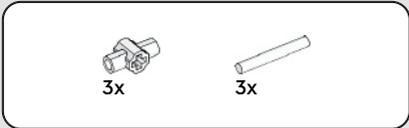


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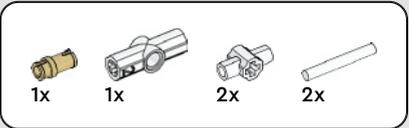
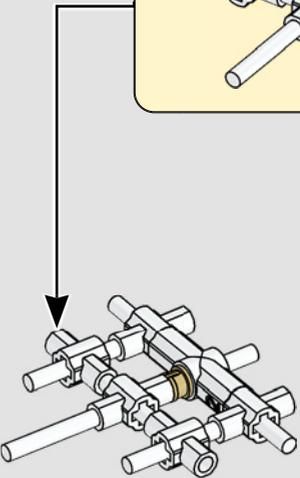
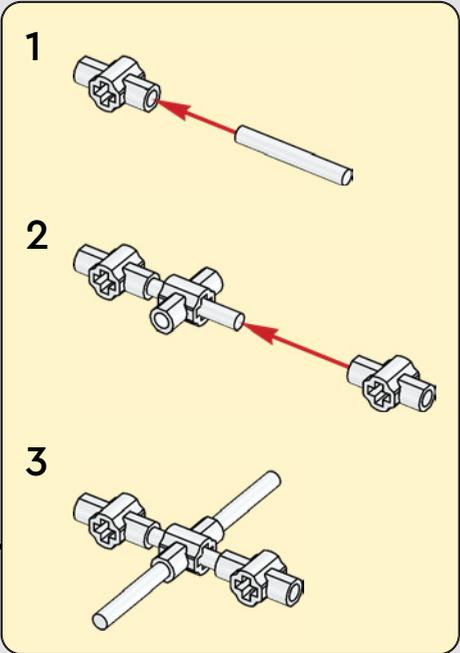


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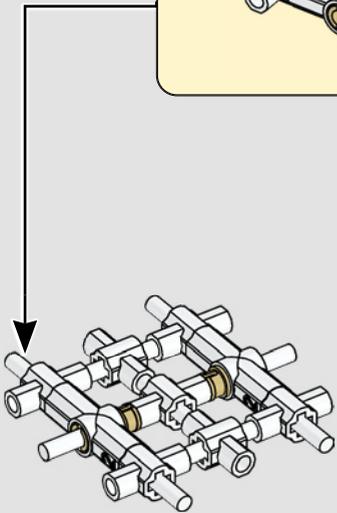
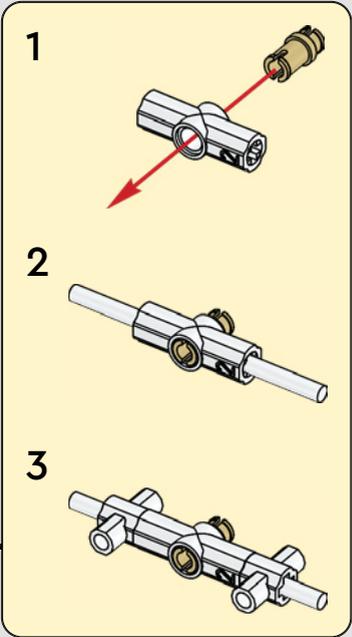


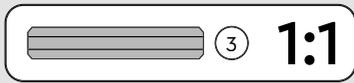
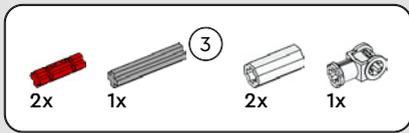


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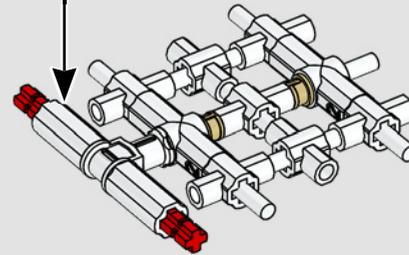
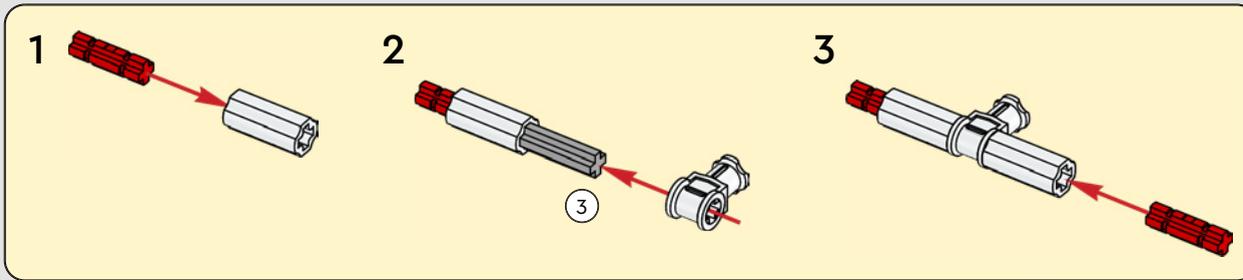


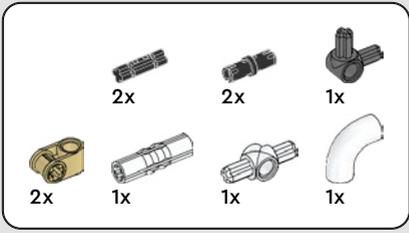
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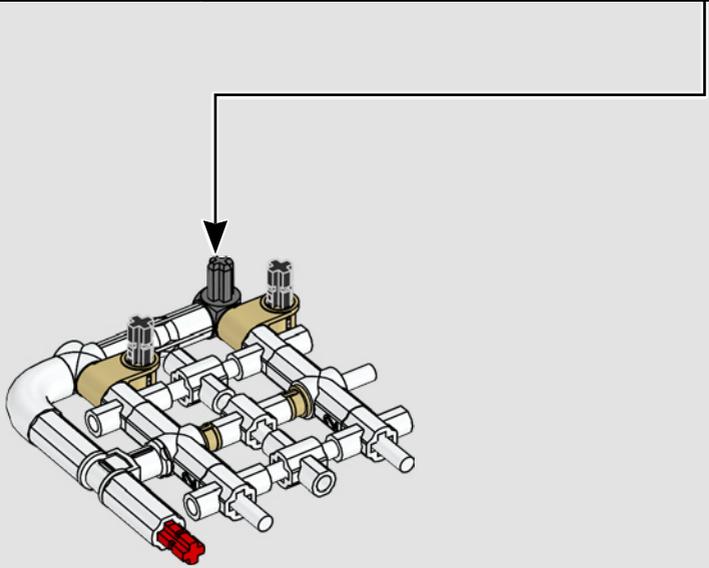
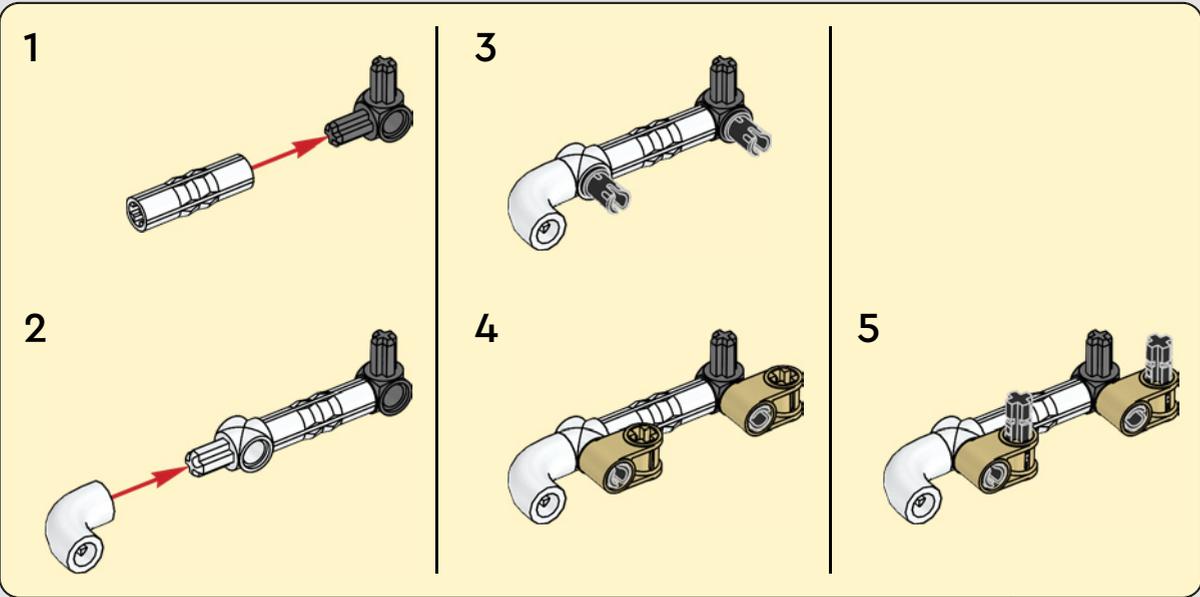


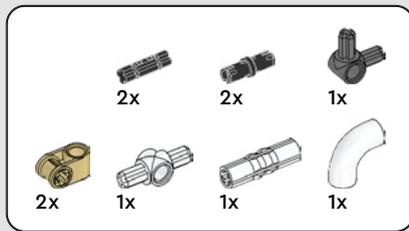
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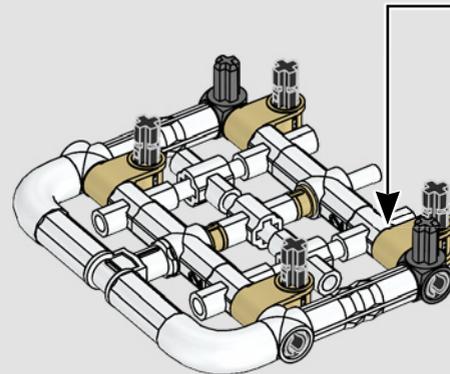
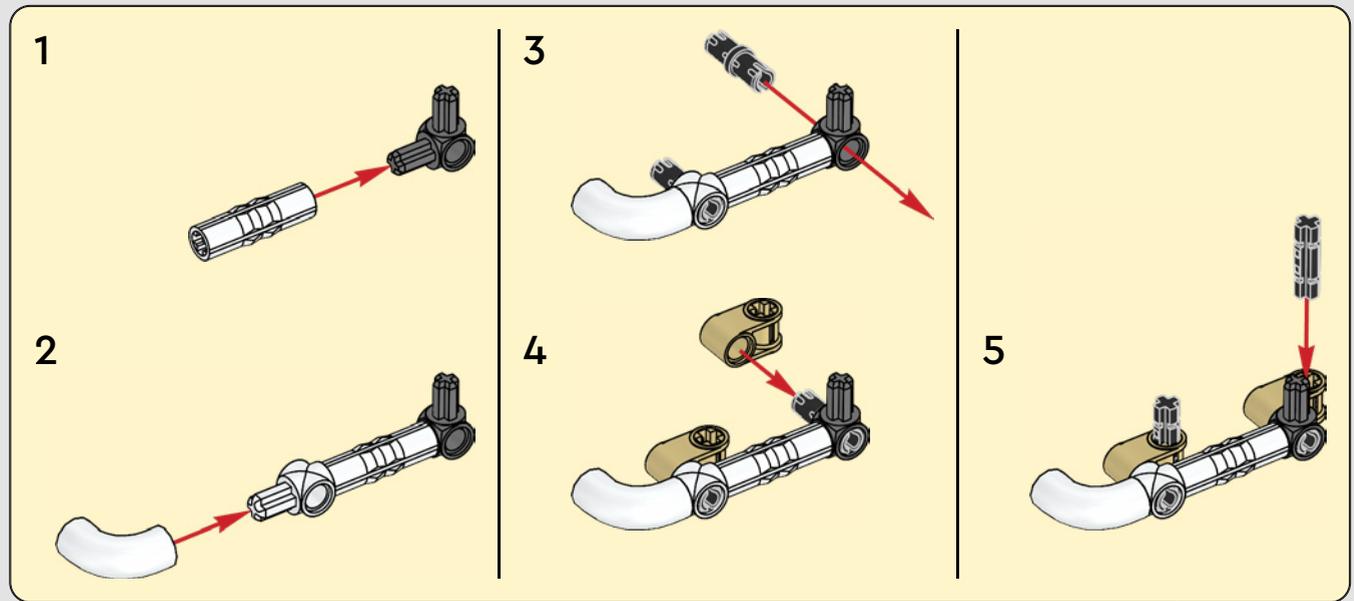


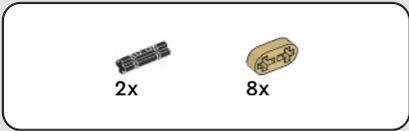
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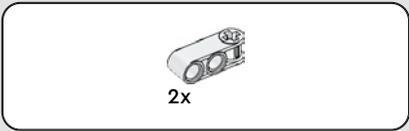
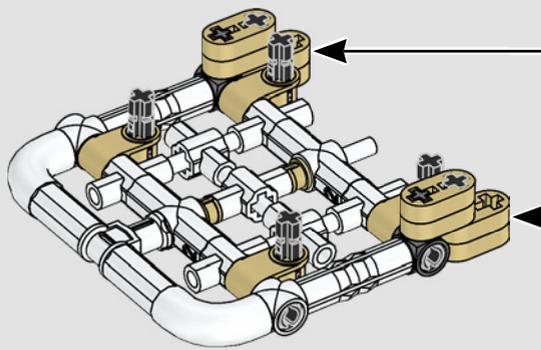
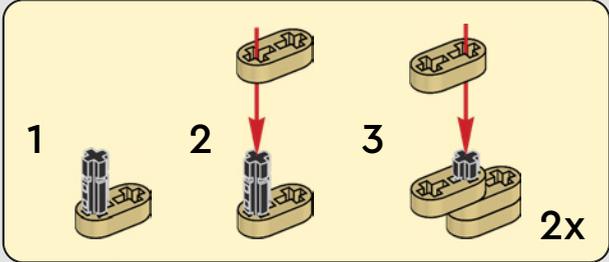


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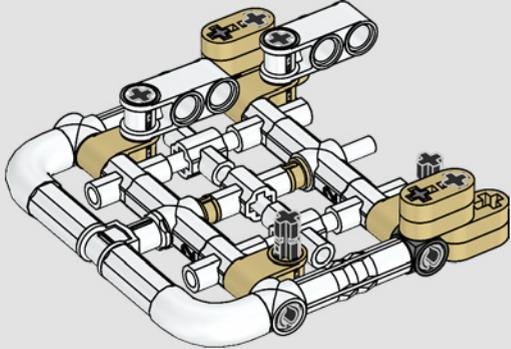




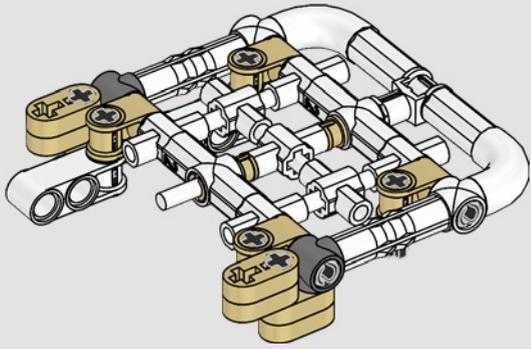
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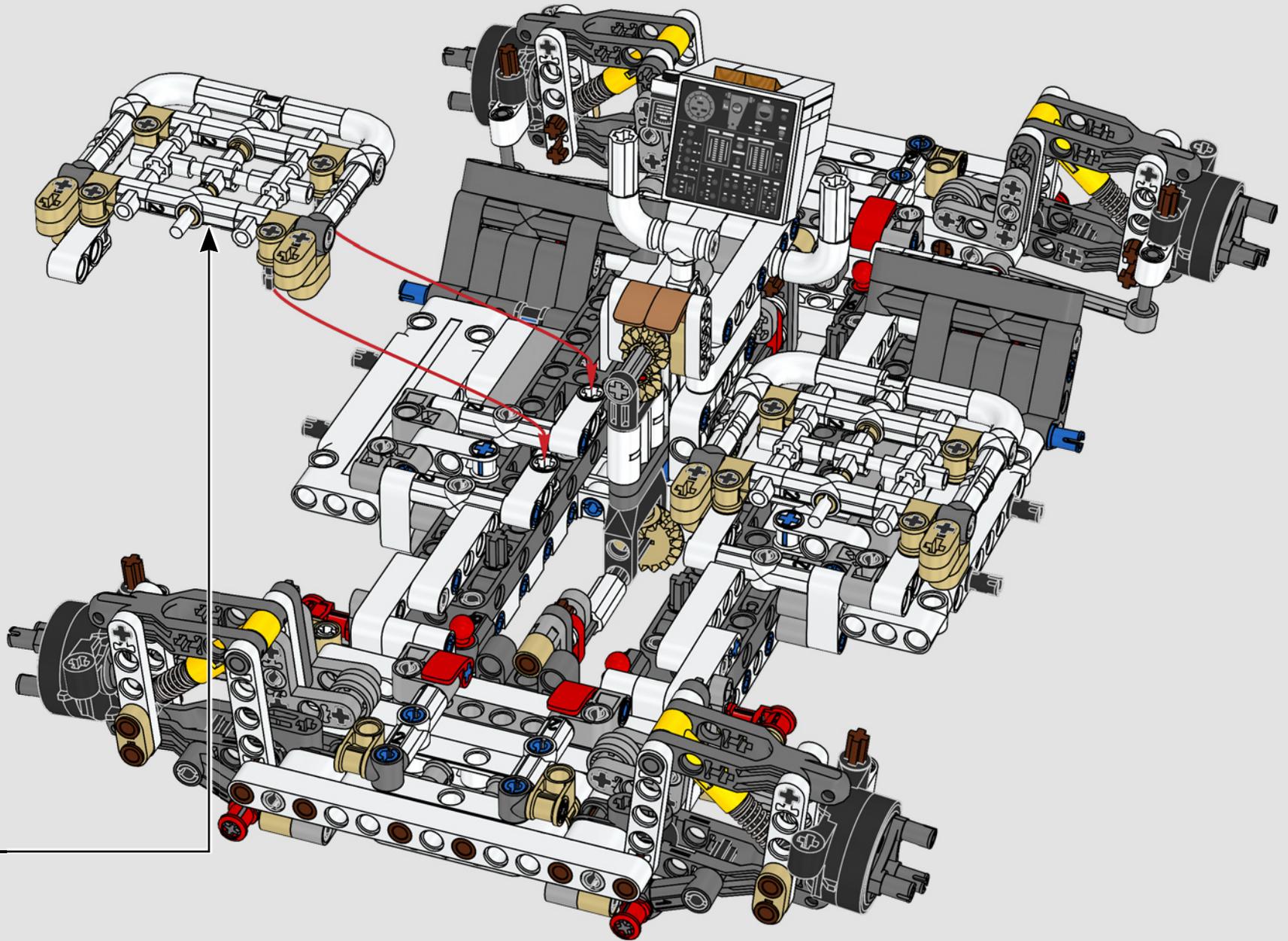
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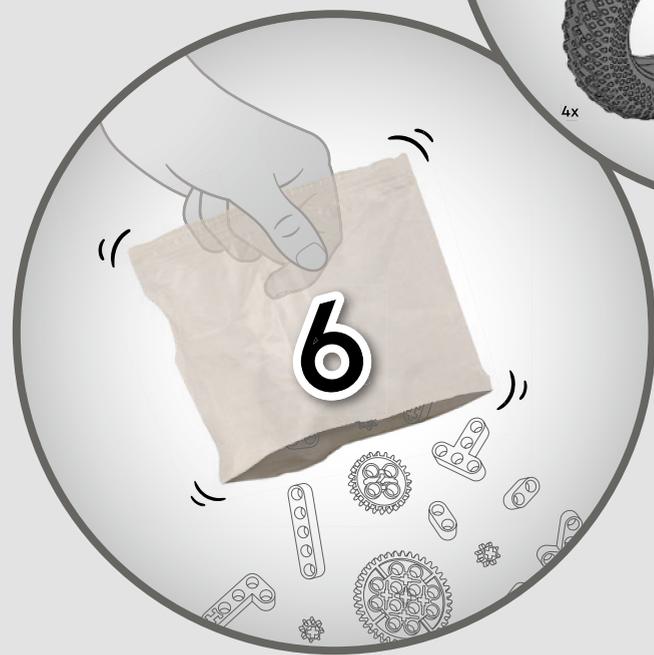
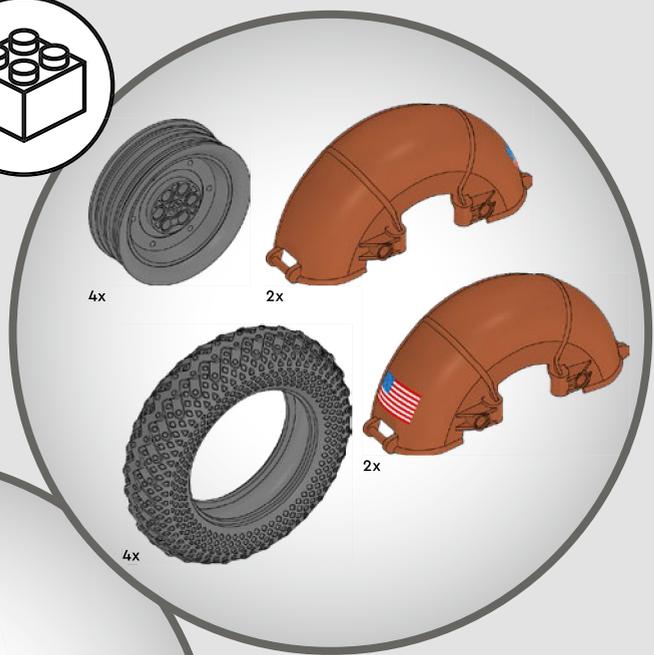
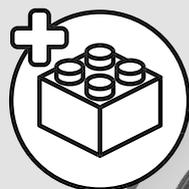


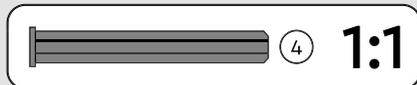
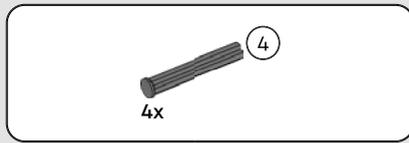
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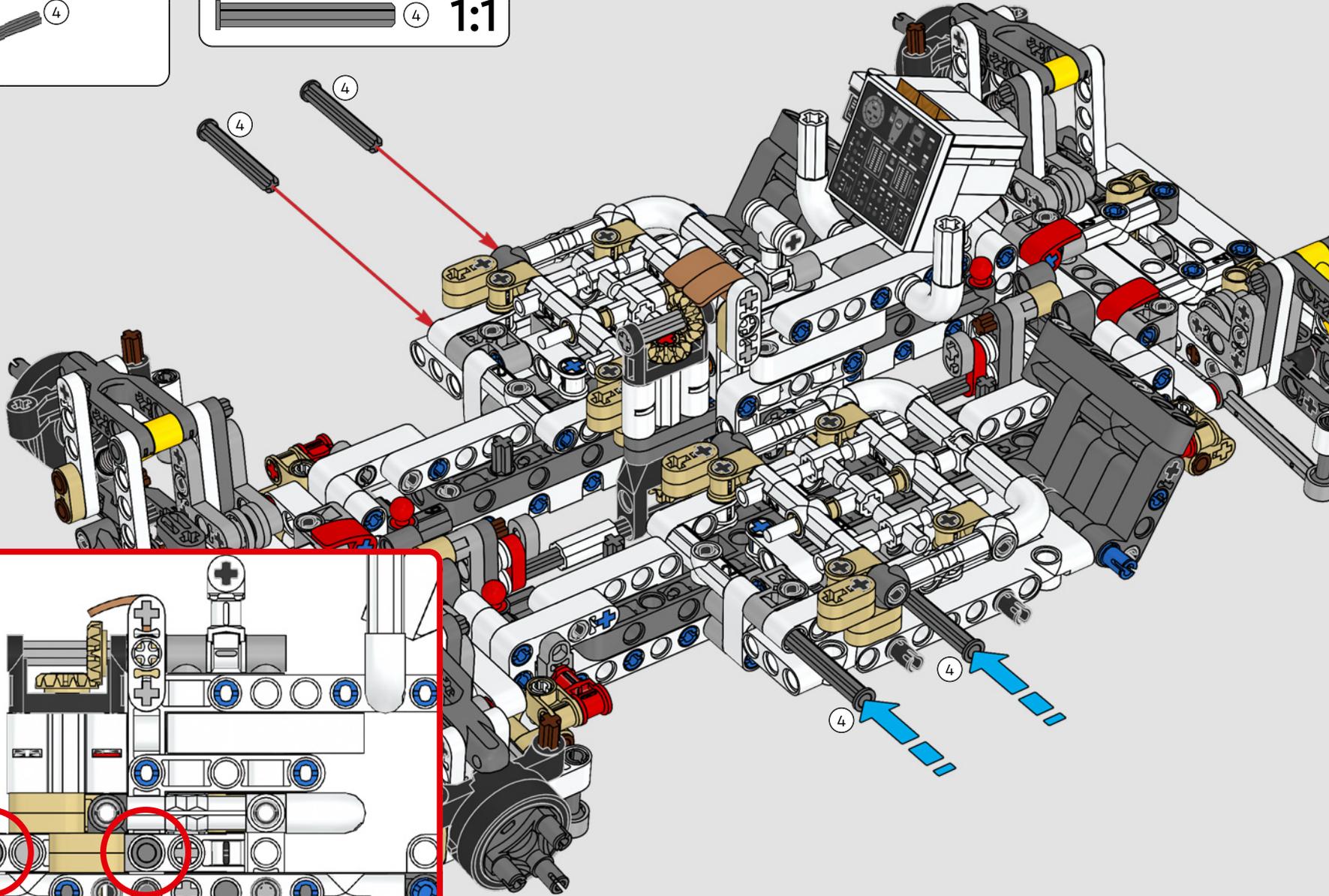
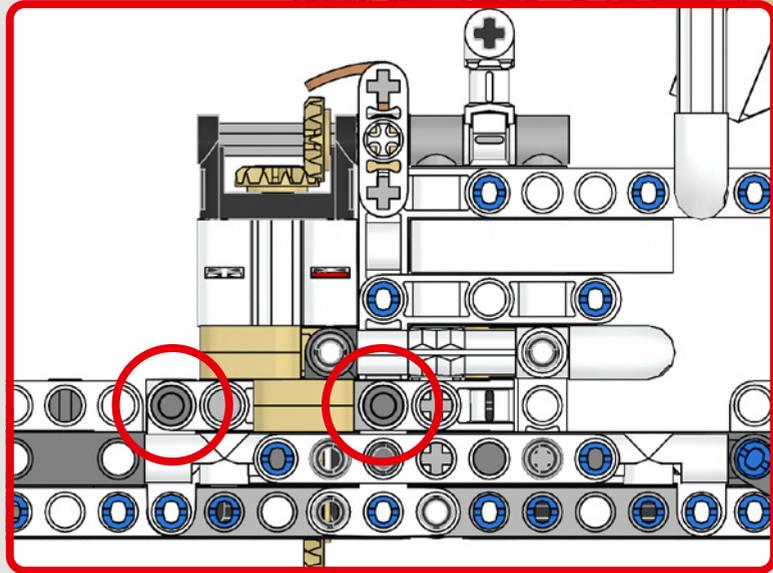
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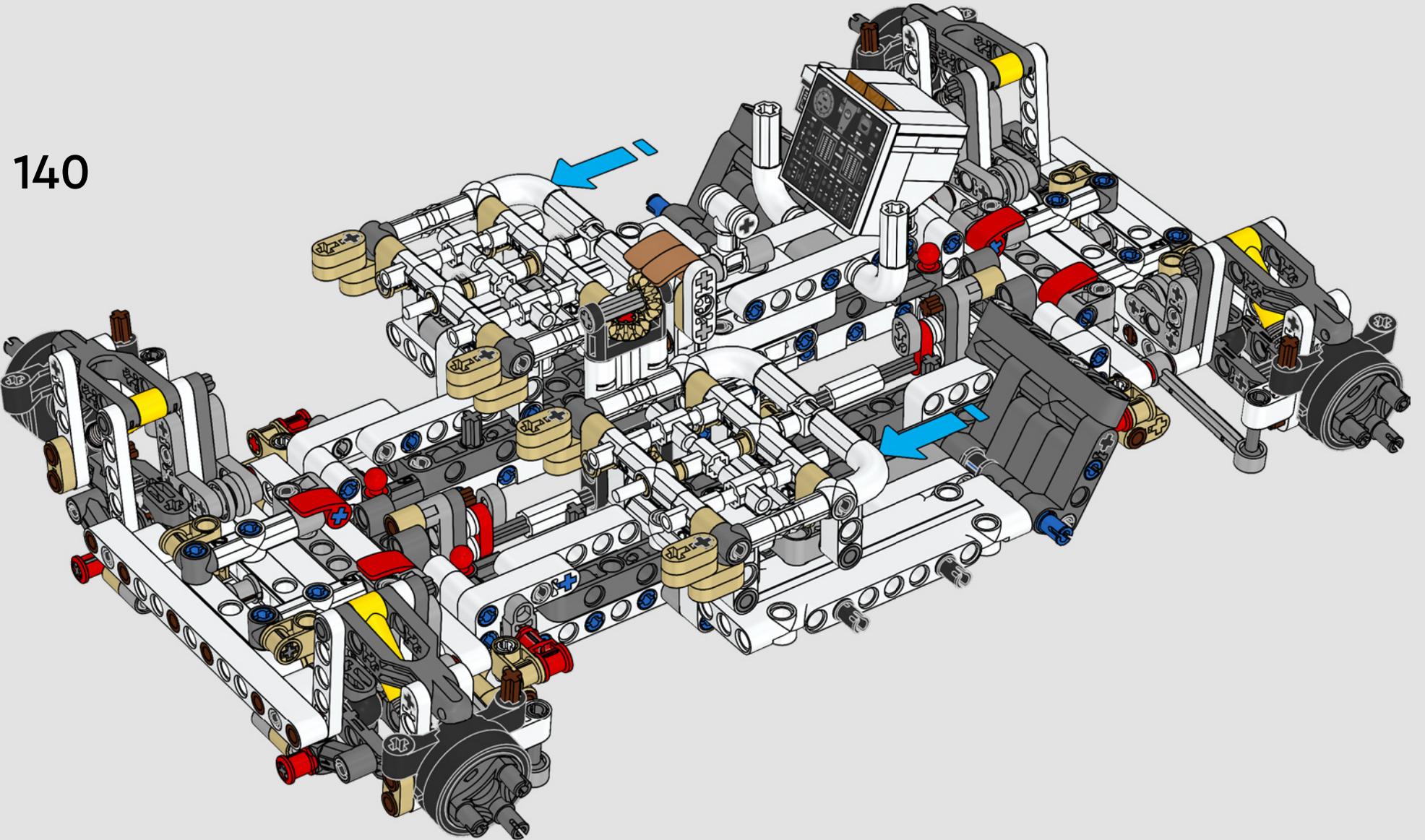


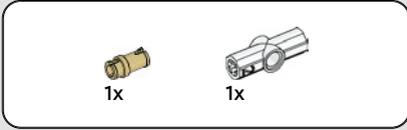
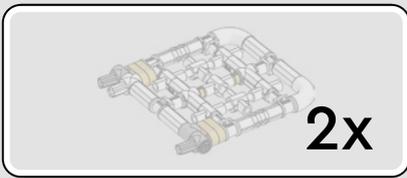


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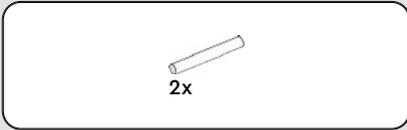
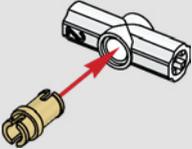


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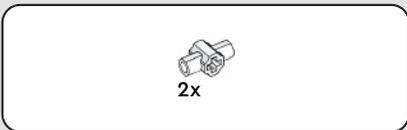
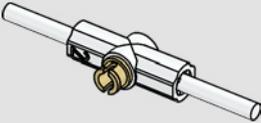




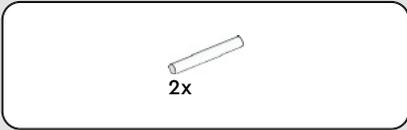
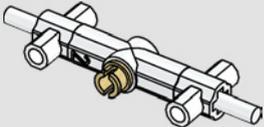
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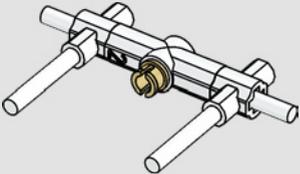
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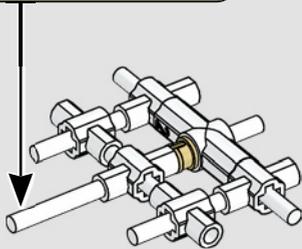
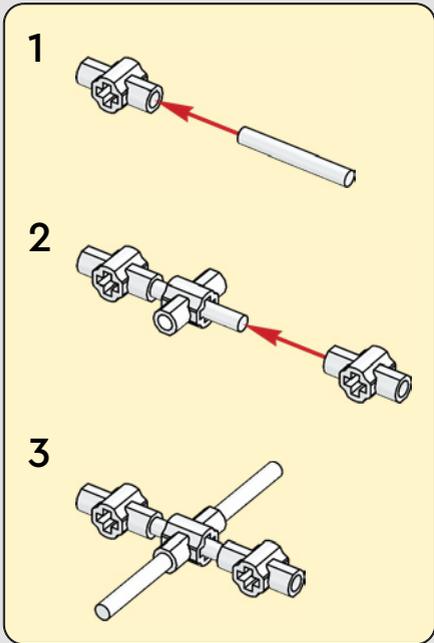


3x



3x

145



1x



1x

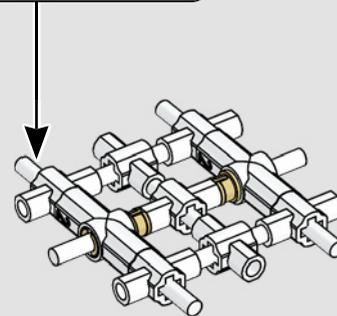
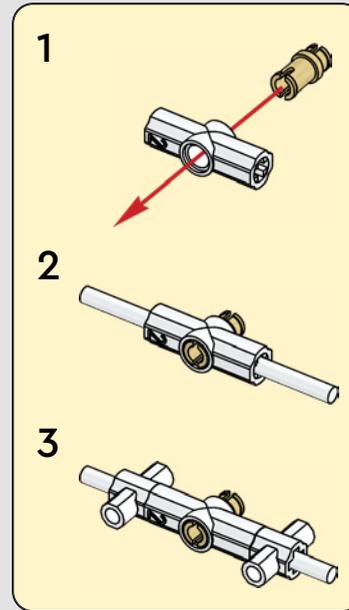


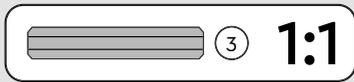
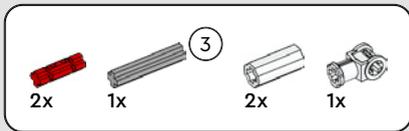
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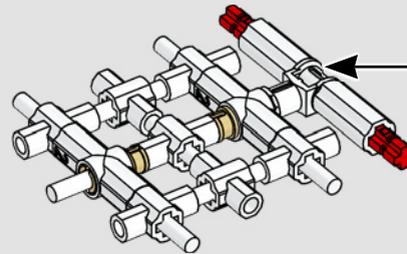
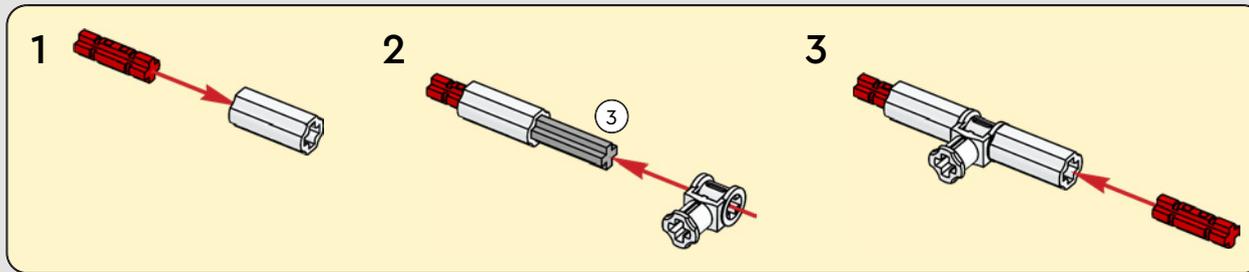
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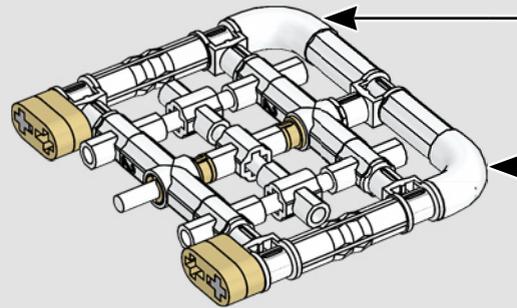
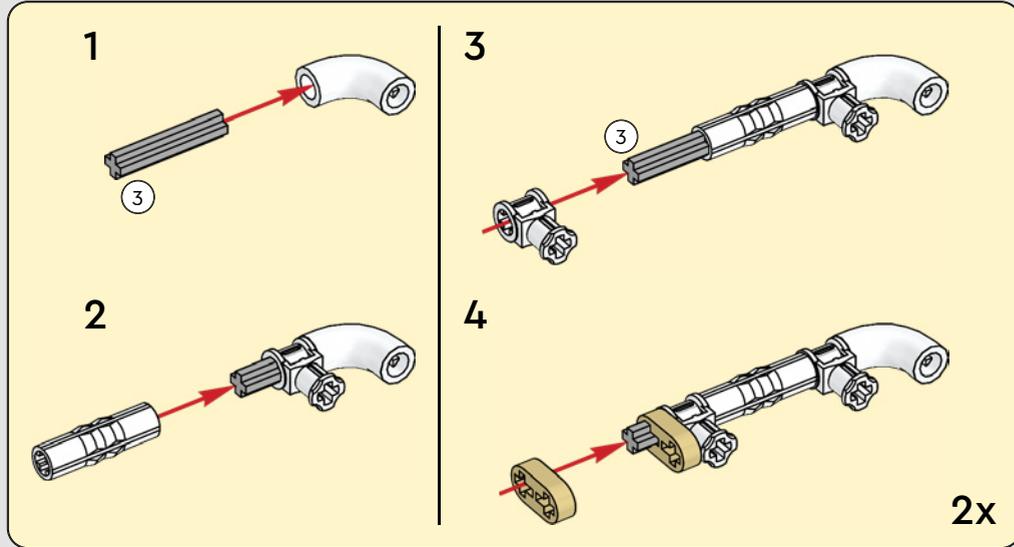
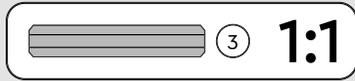
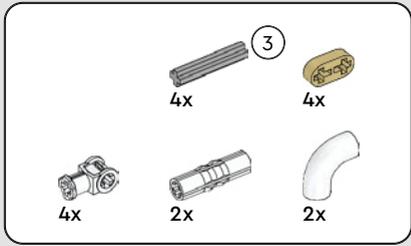


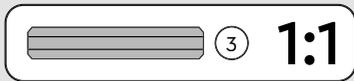
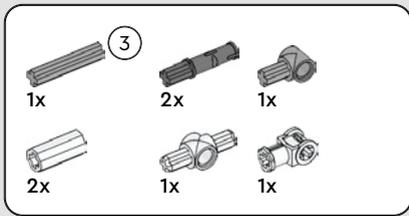


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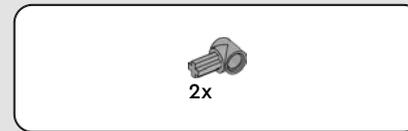
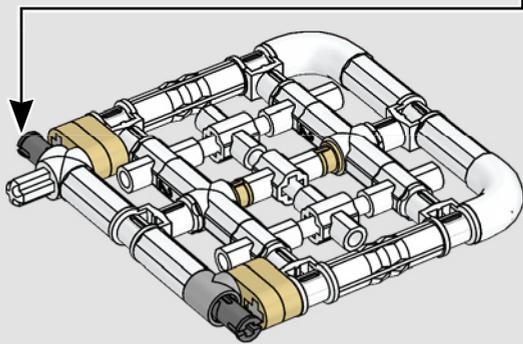
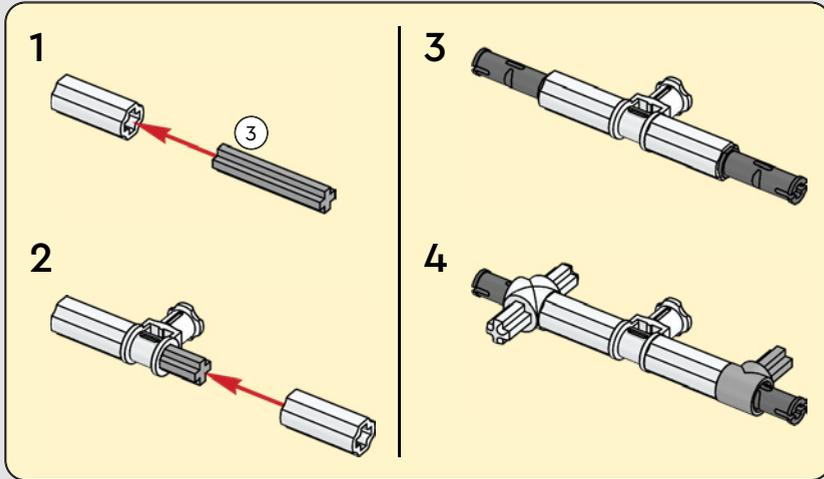


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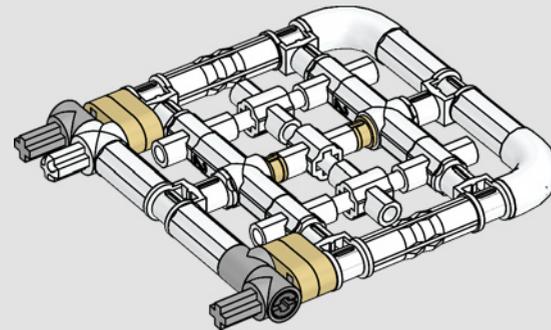




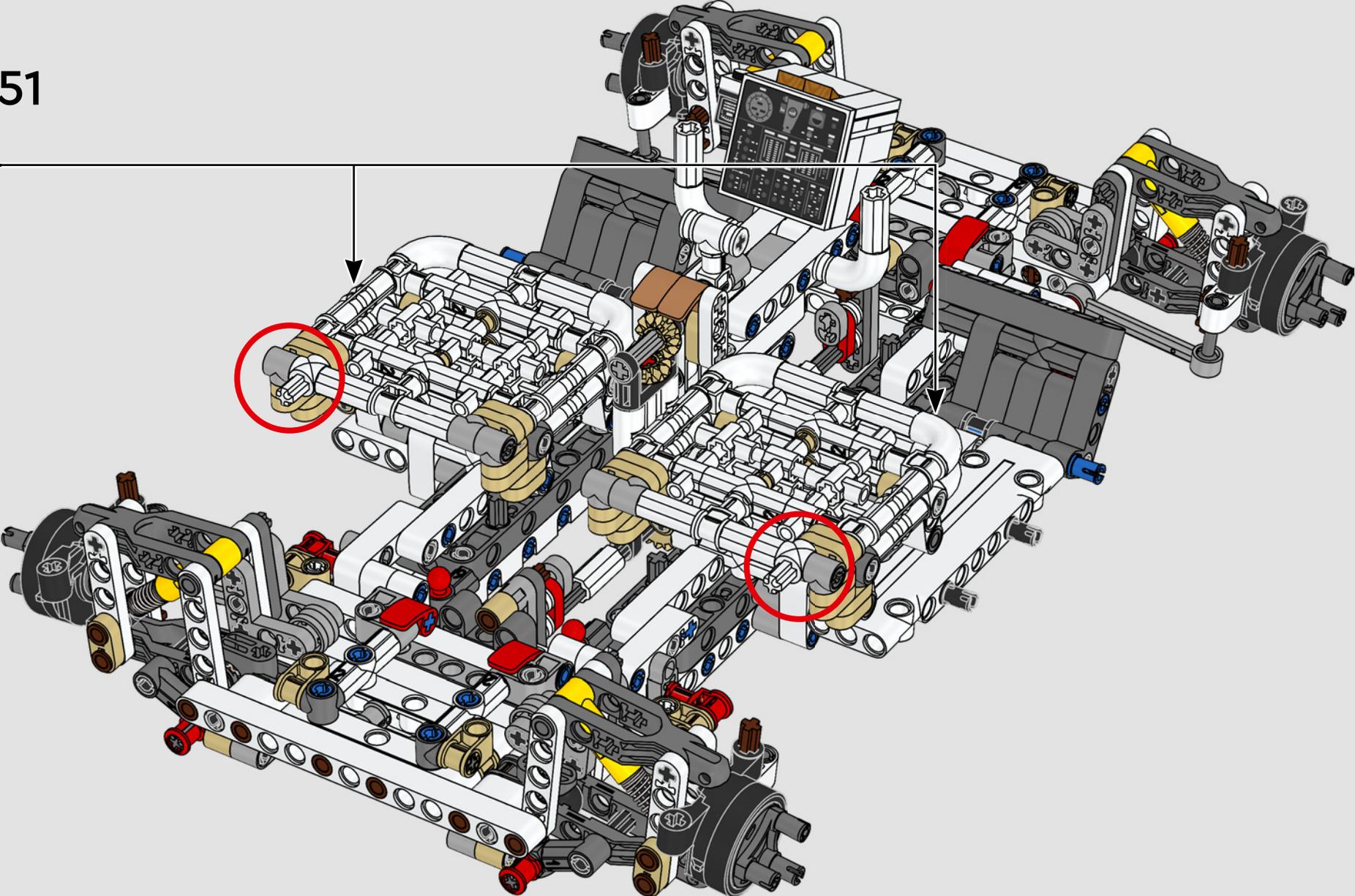
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150



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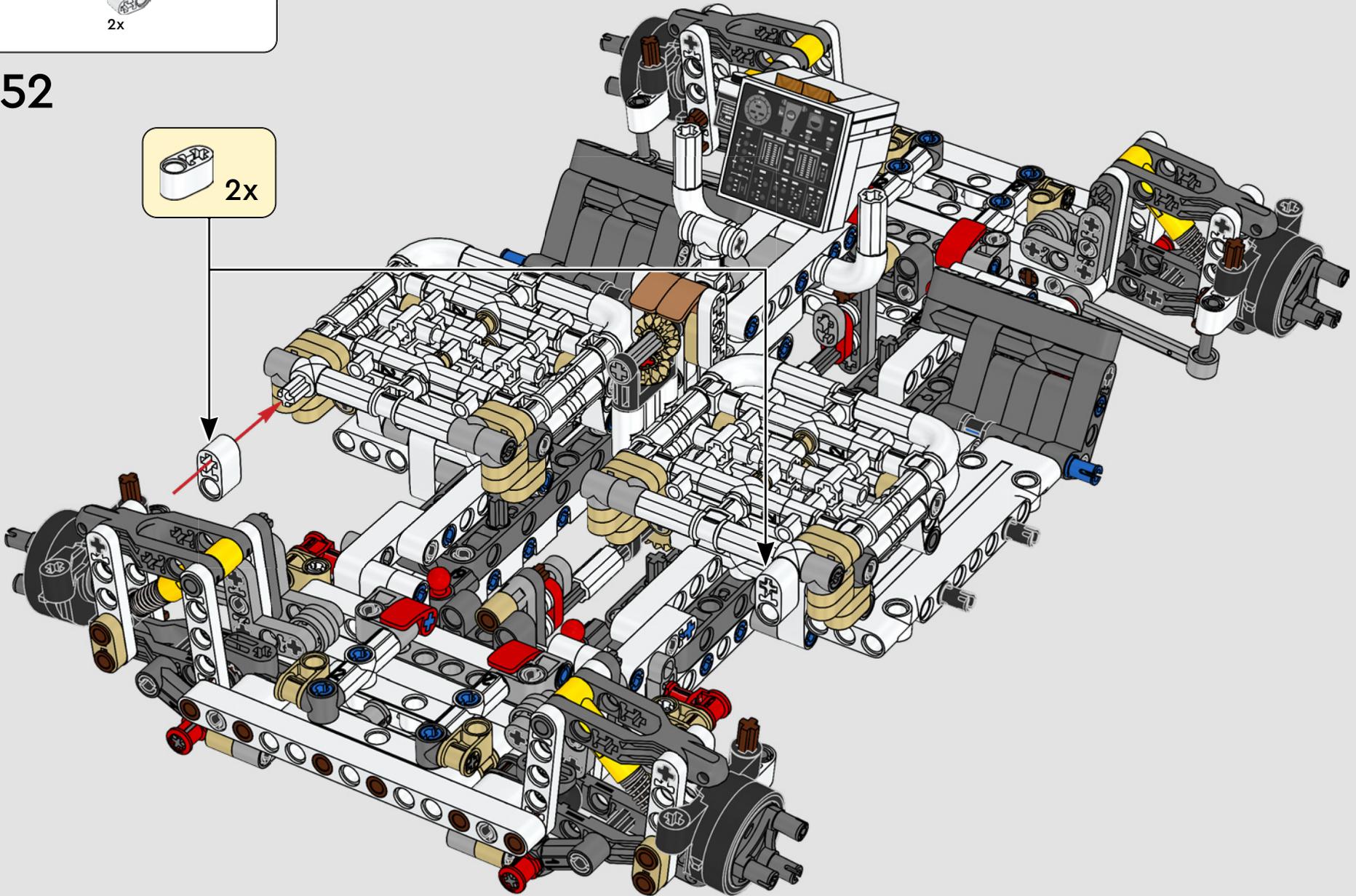


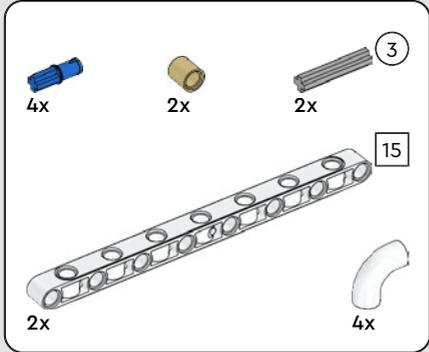
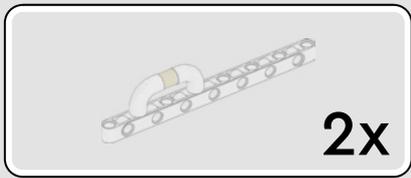
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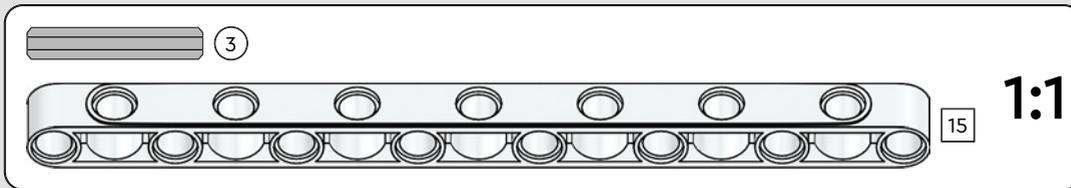
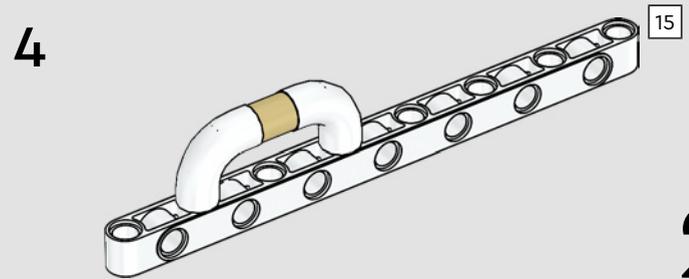
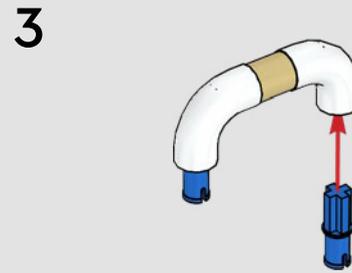
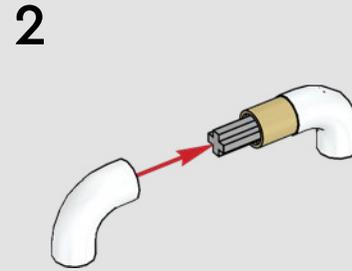
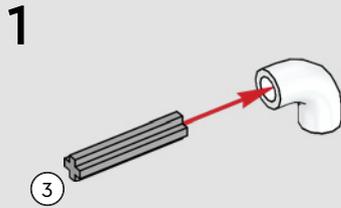


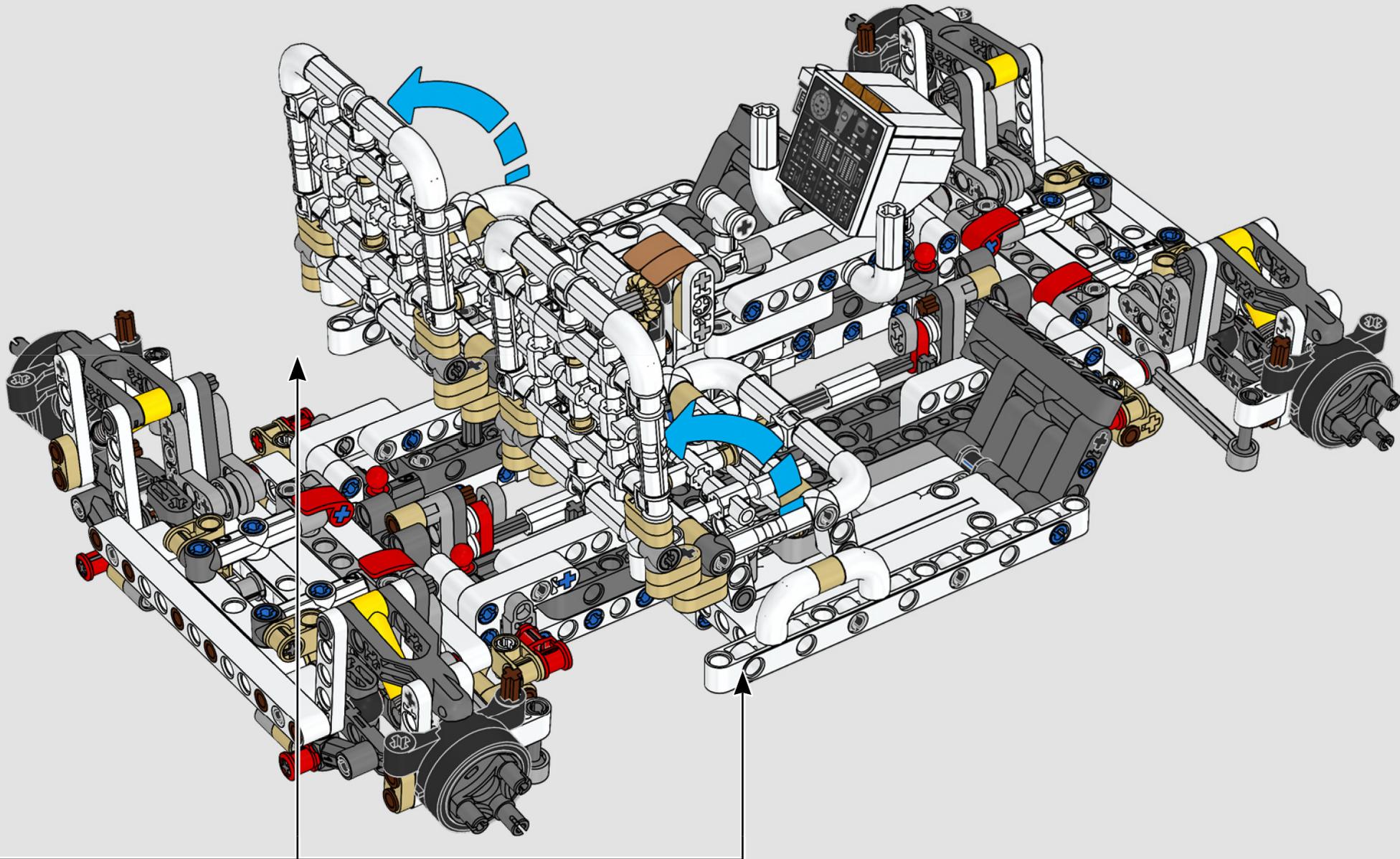
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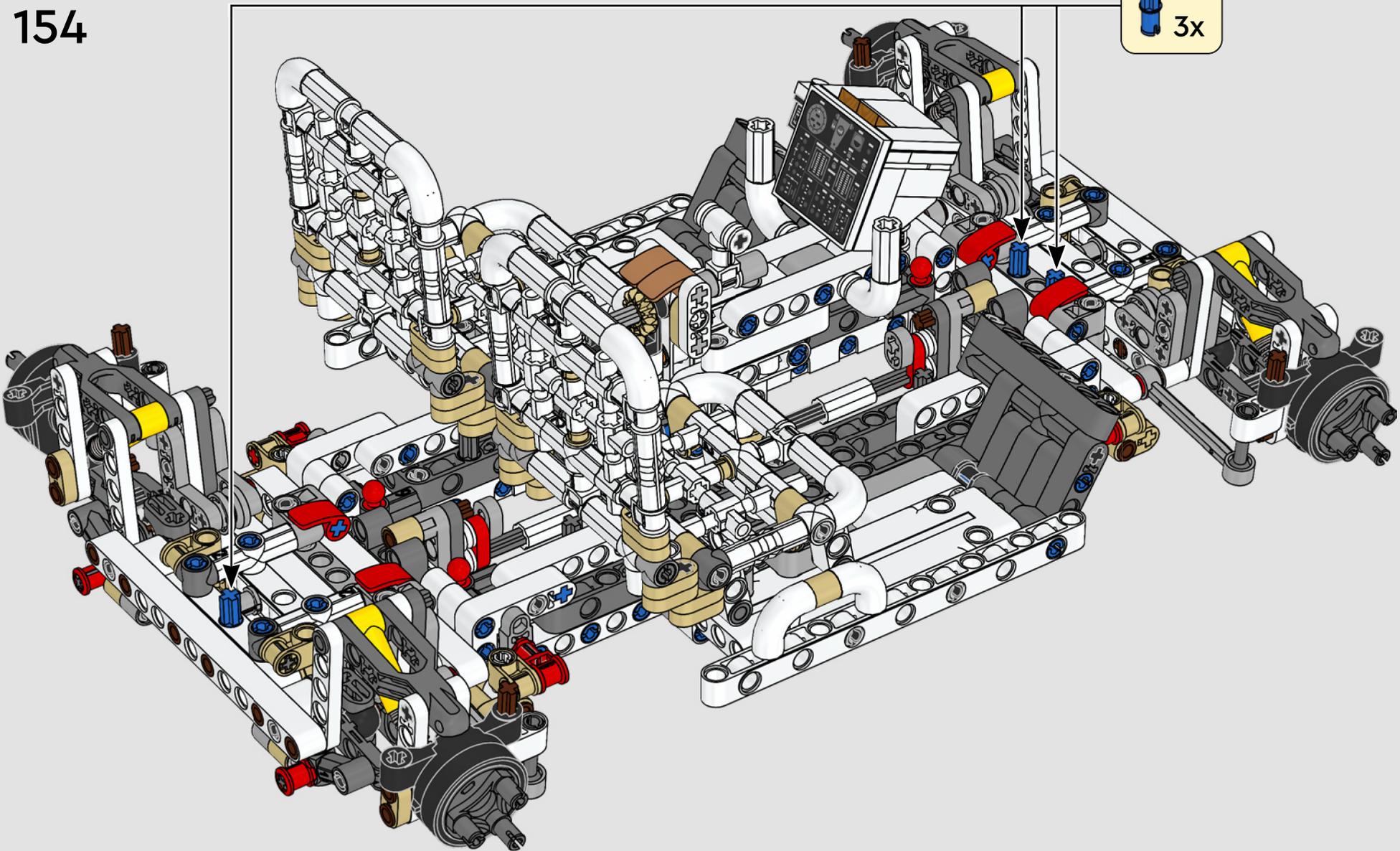


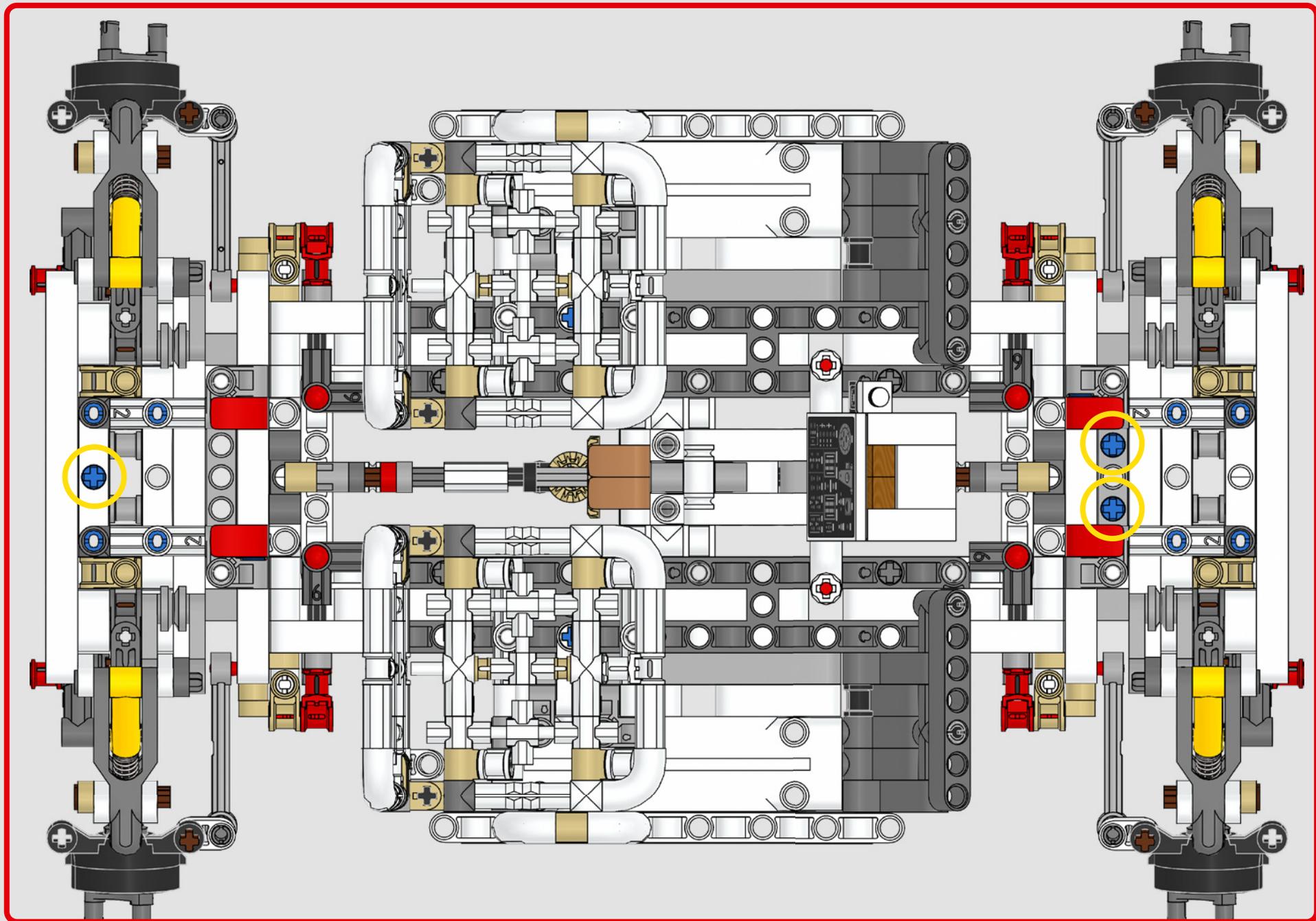
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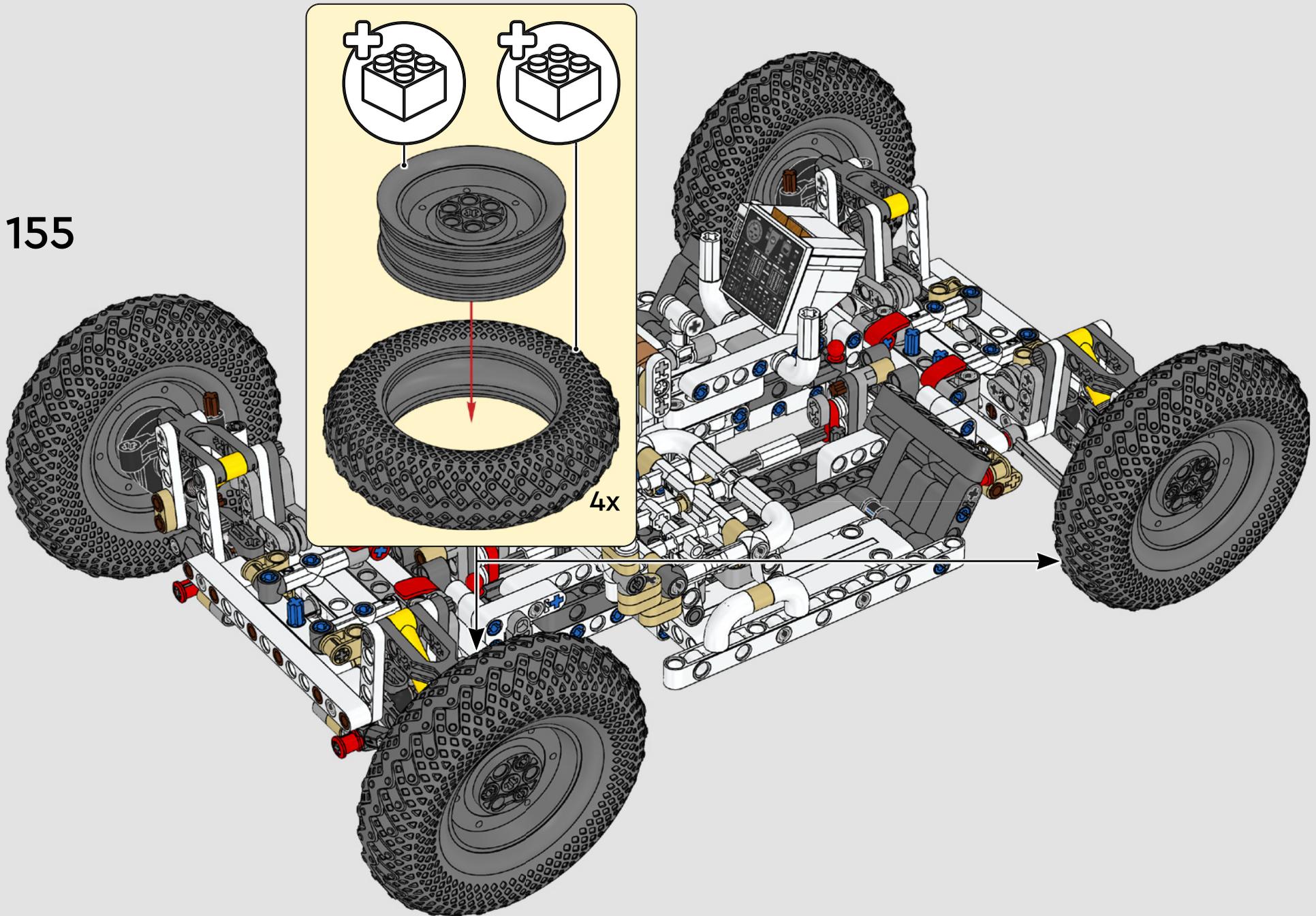


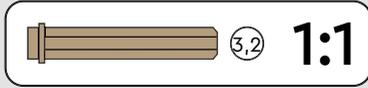
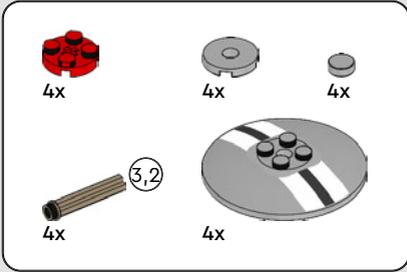
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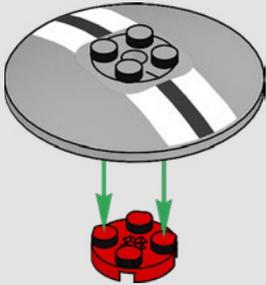
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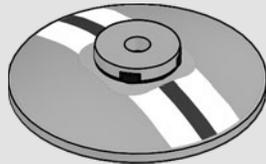


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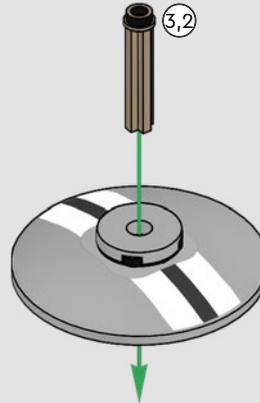
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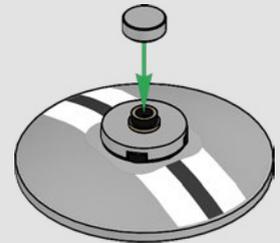
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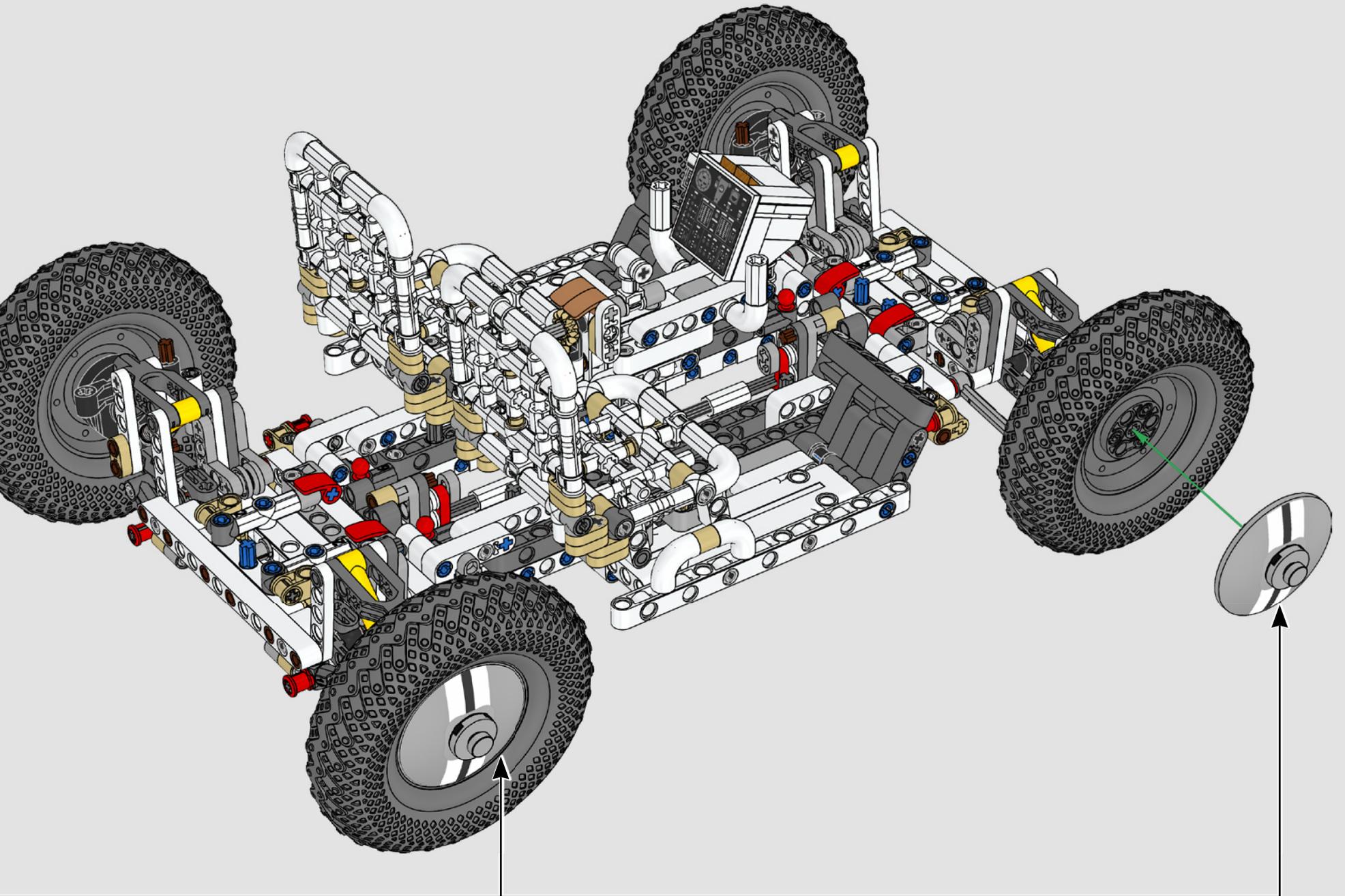
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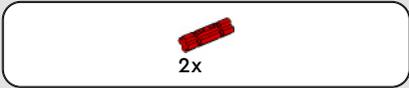


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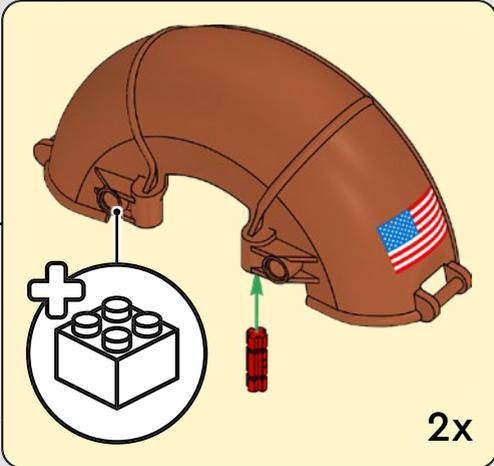
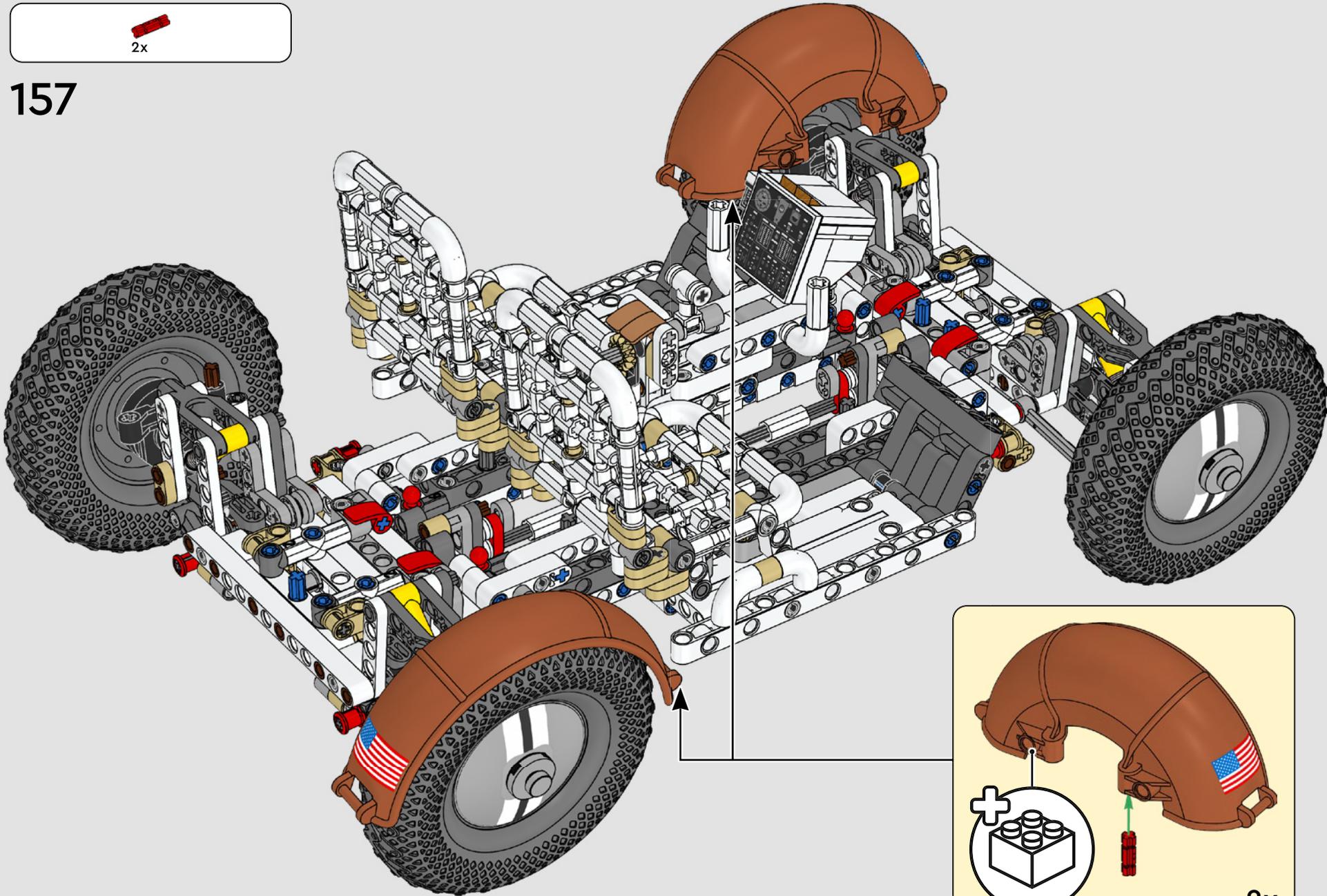


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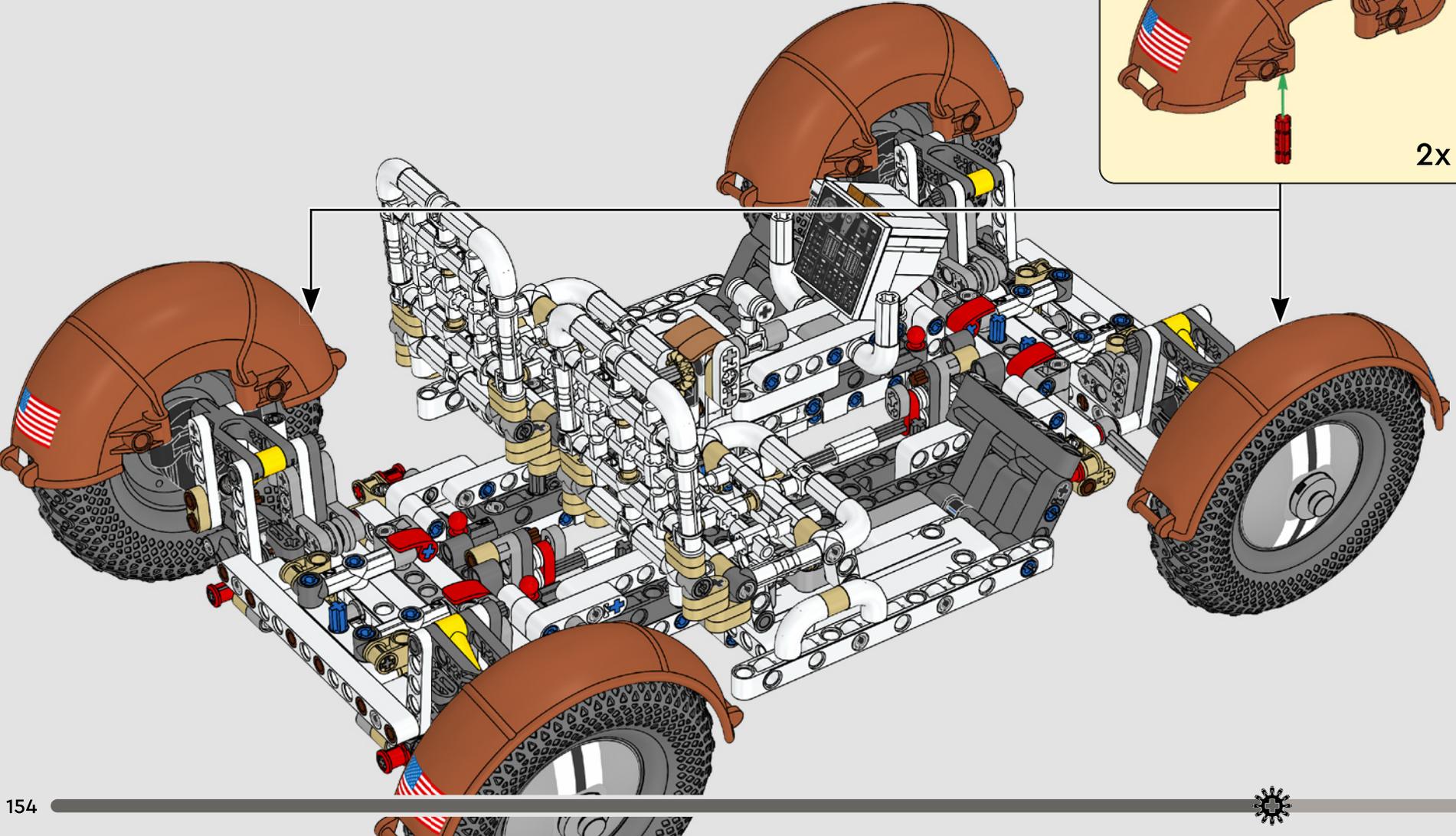
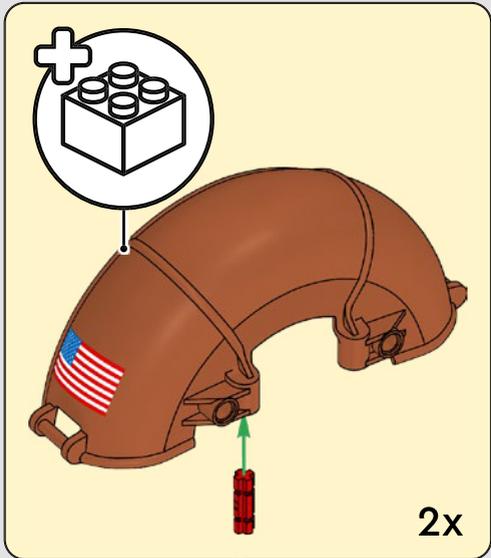


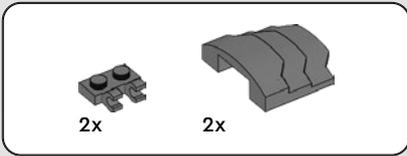
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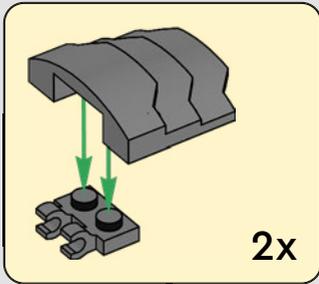
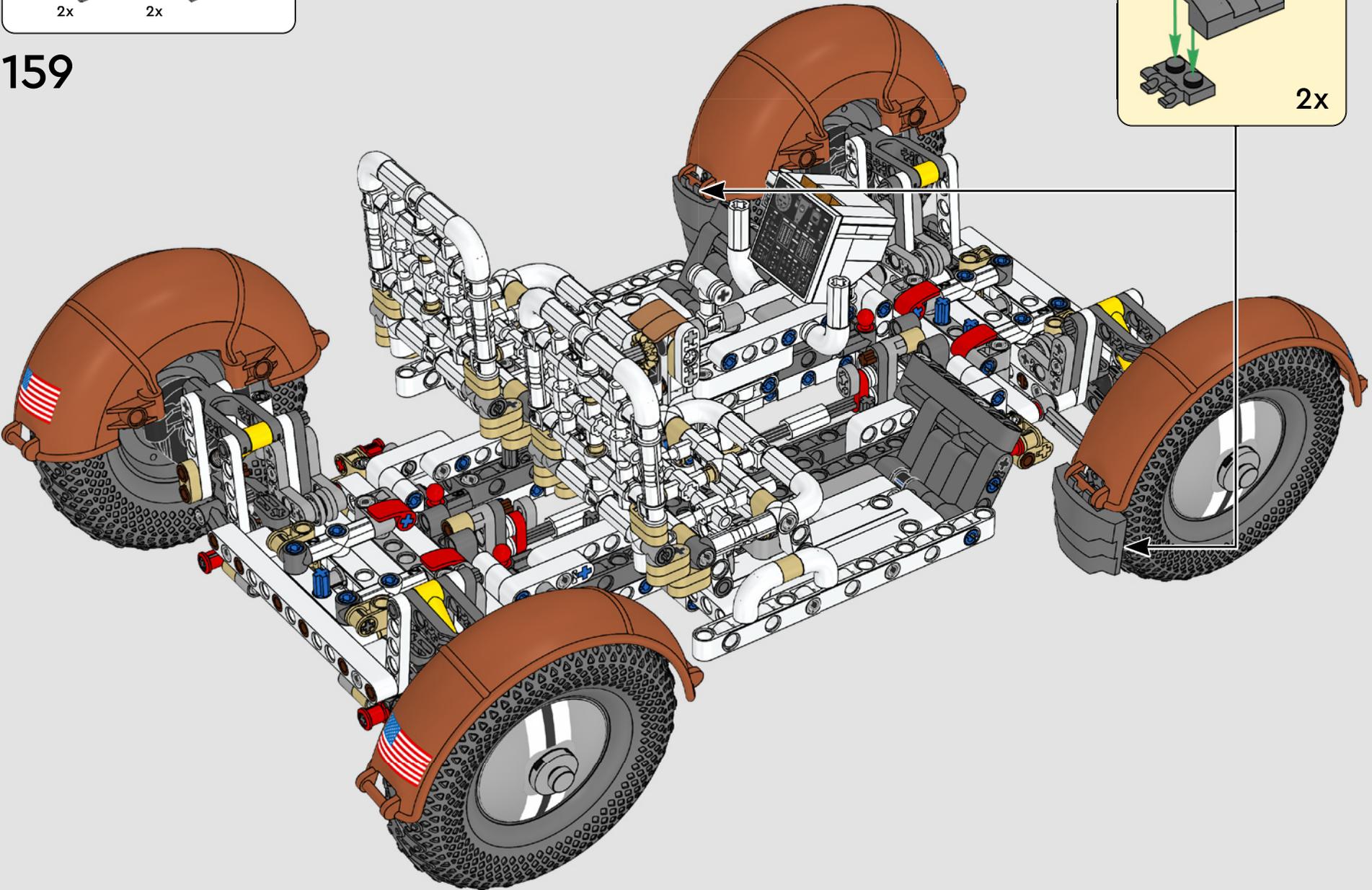
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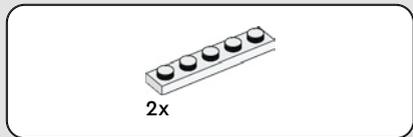
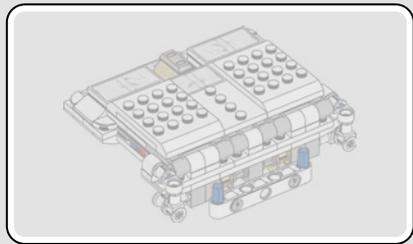
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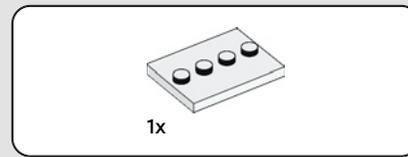
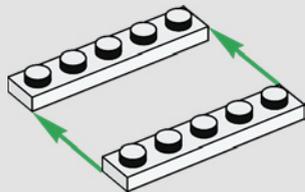
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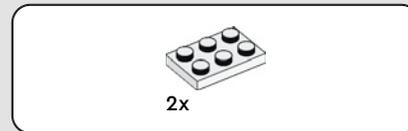
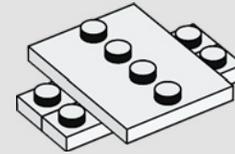
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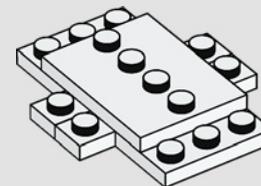
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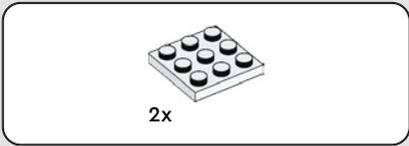
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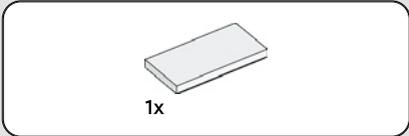
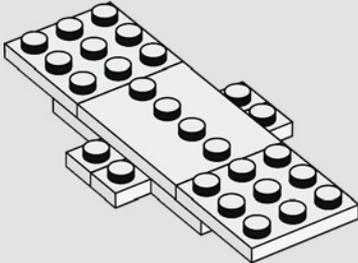
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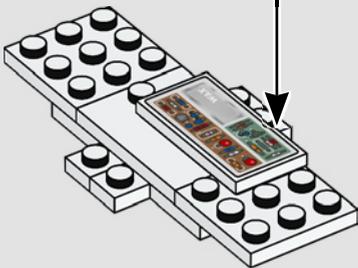
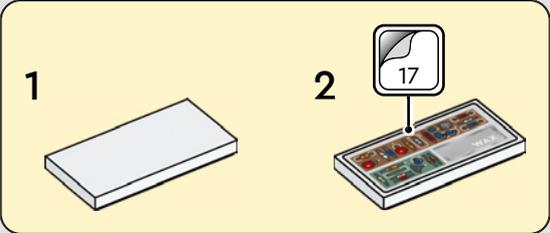




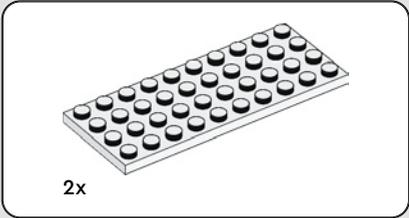
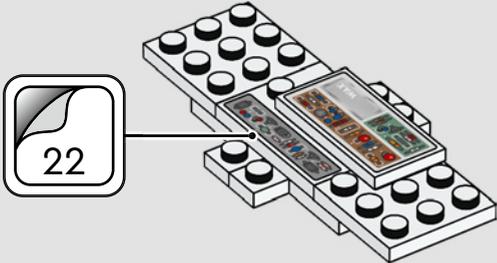
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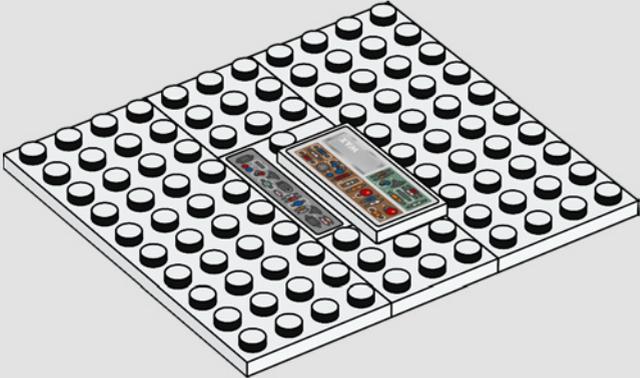
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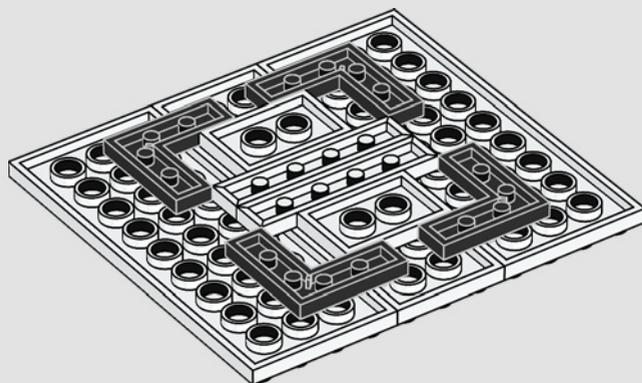
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167

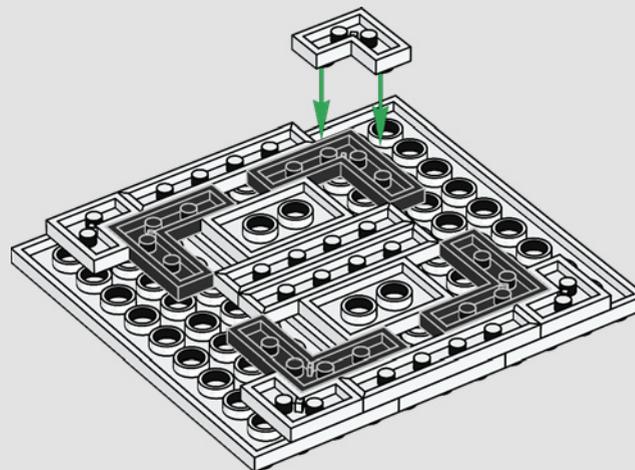


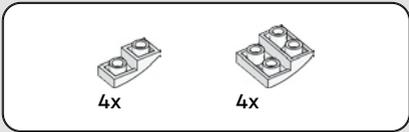
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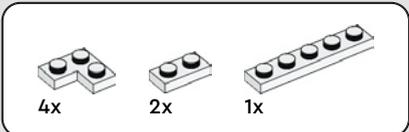
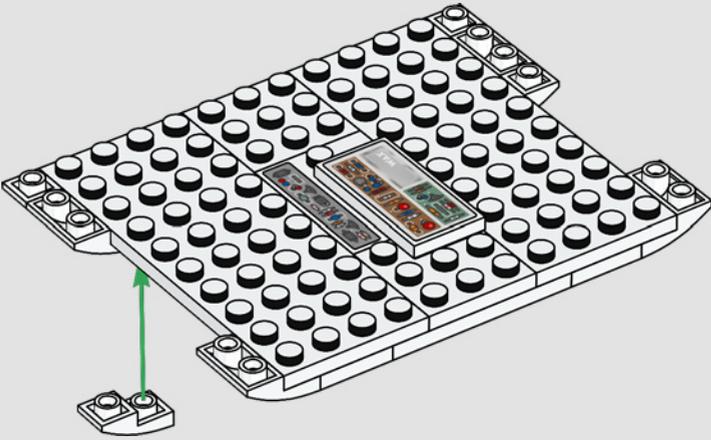
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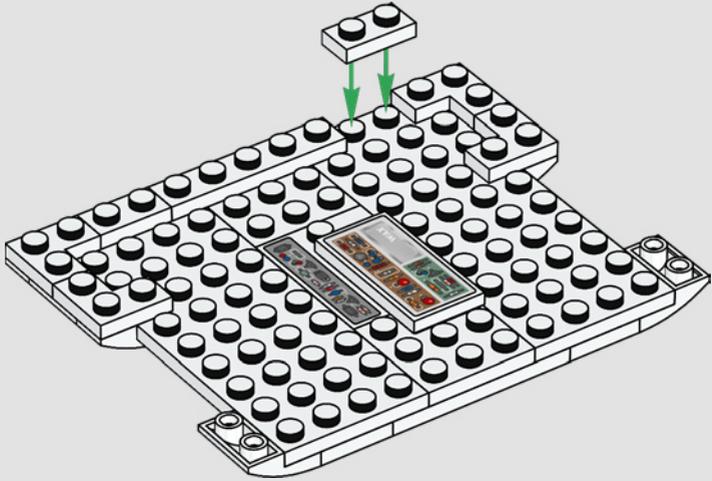


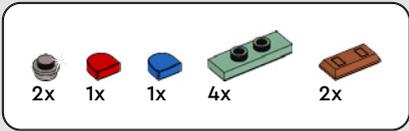


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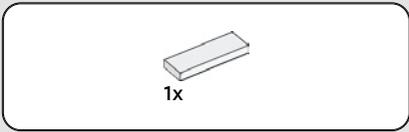
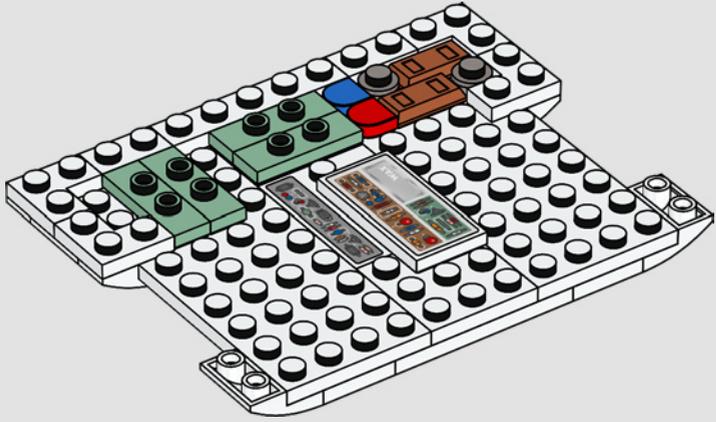


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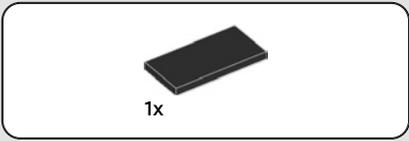
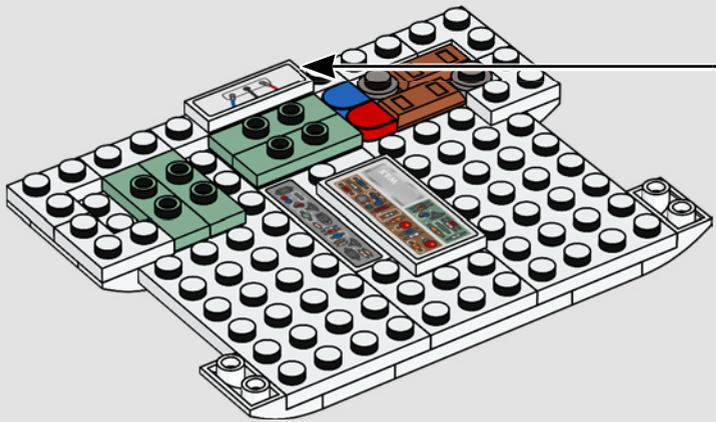
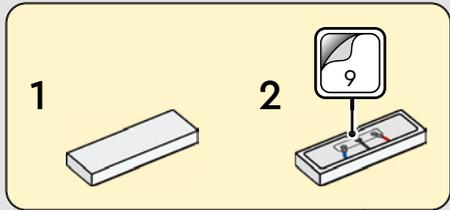




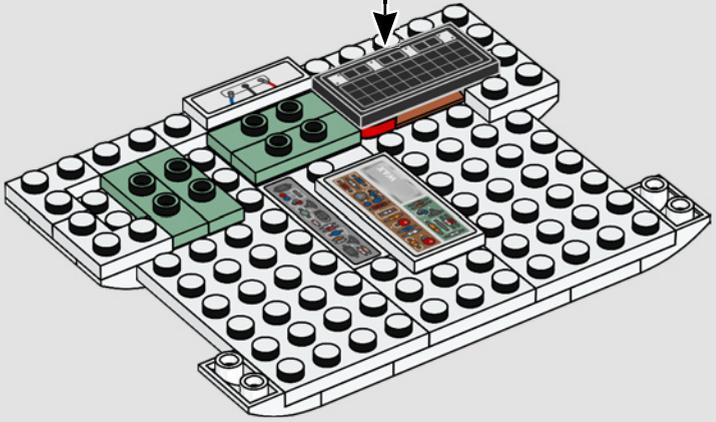
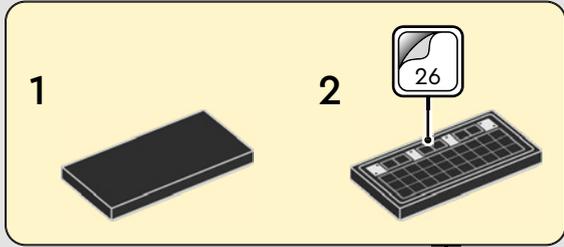
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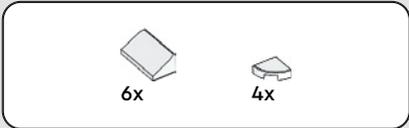


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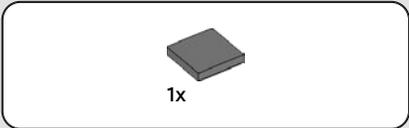
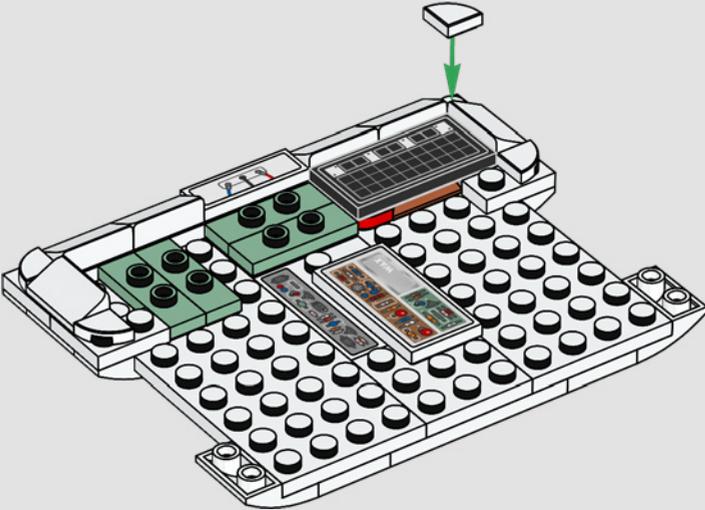


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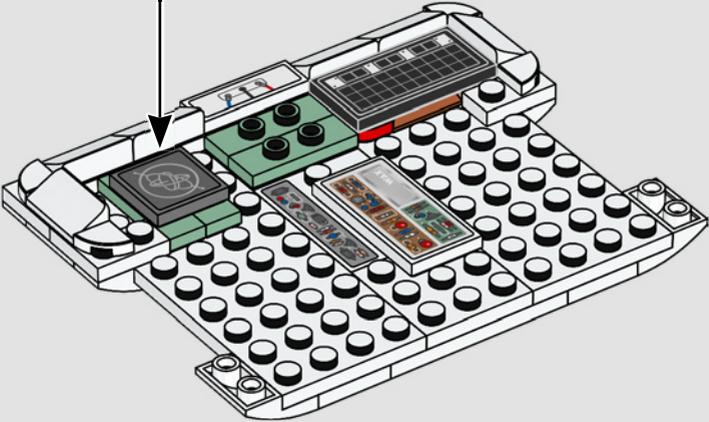
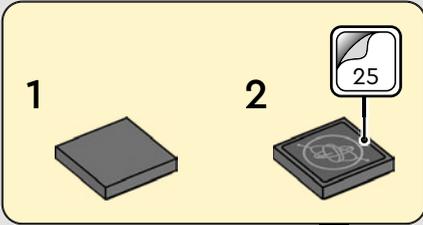


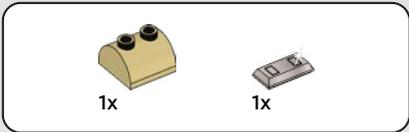


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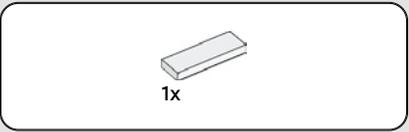
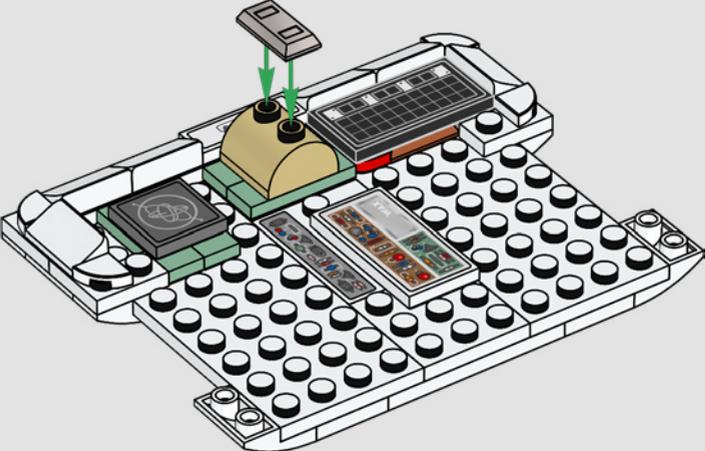


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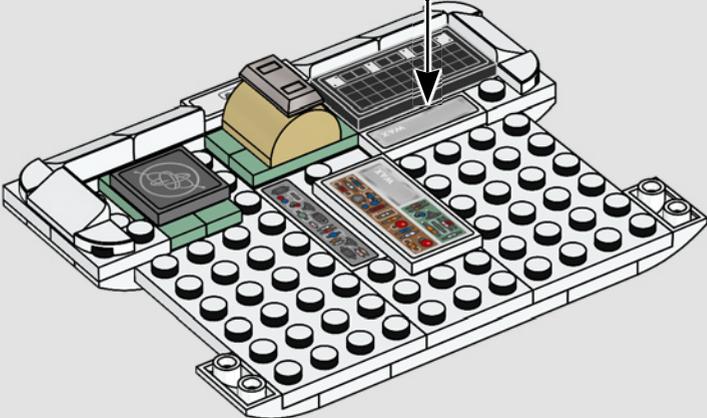
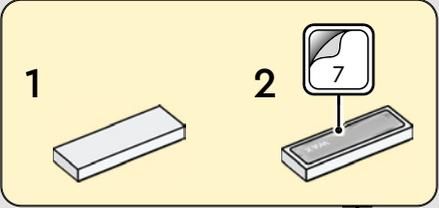


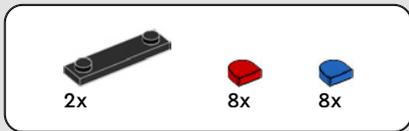


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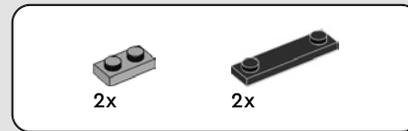
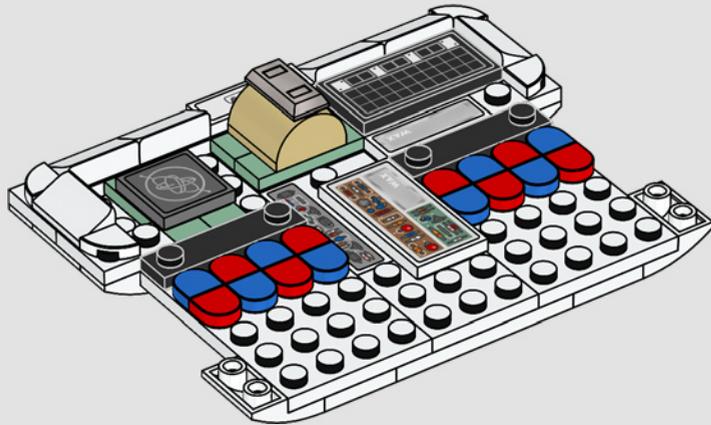


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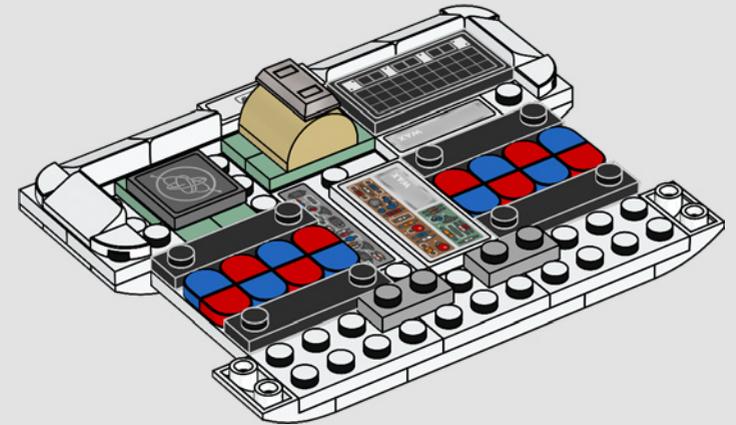


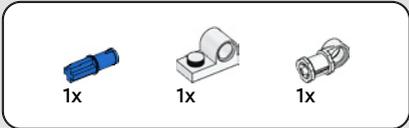


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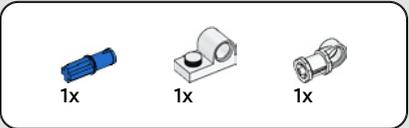
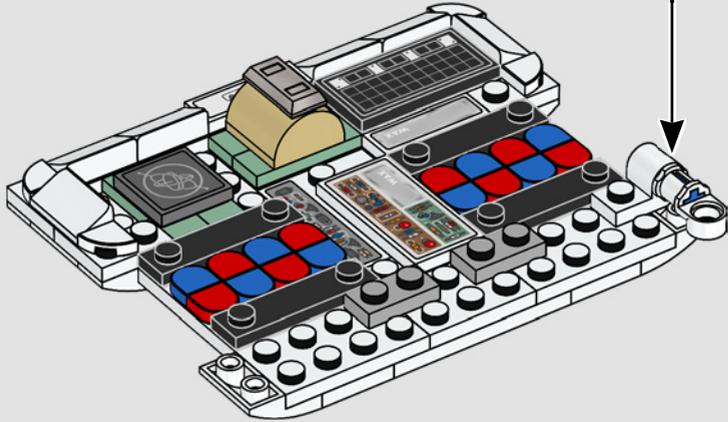
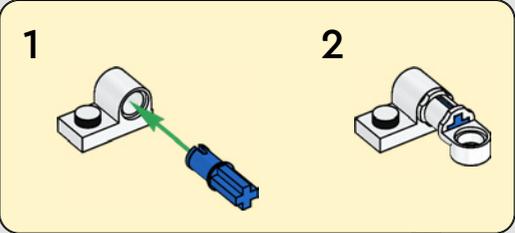


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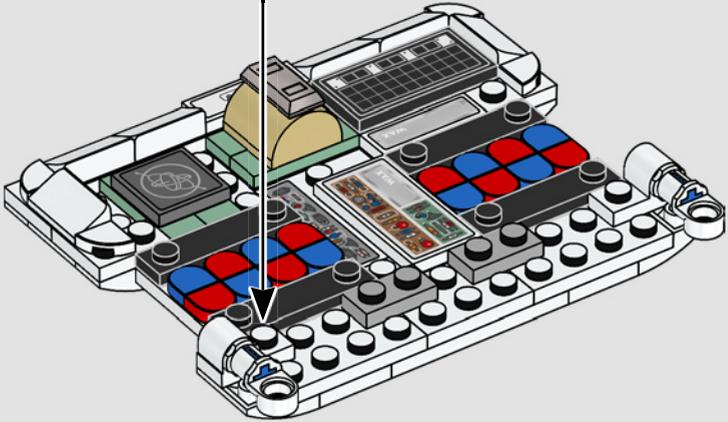
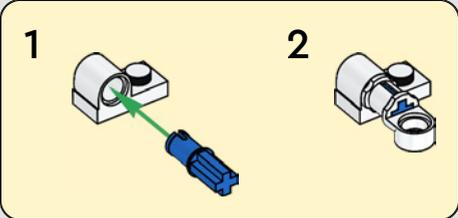


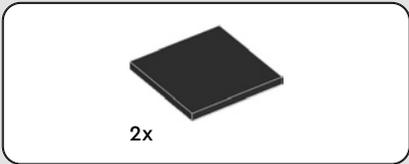


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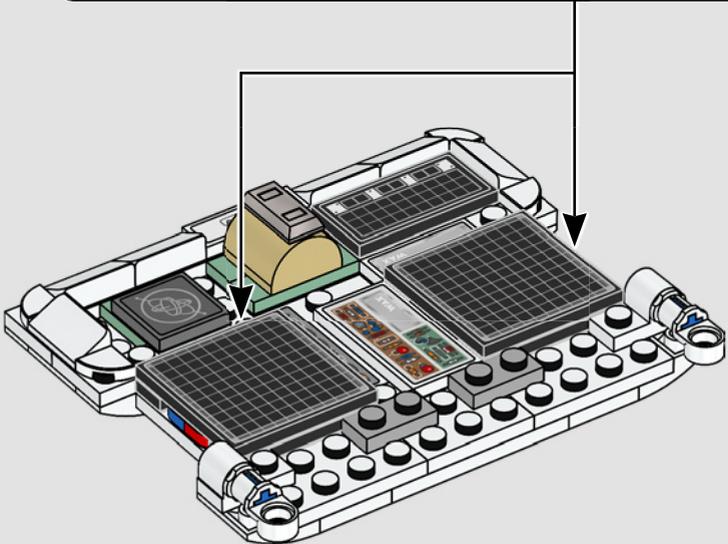
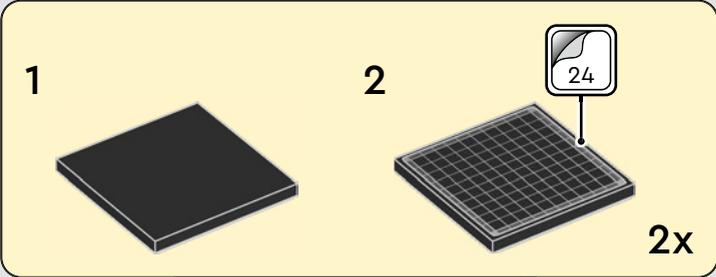


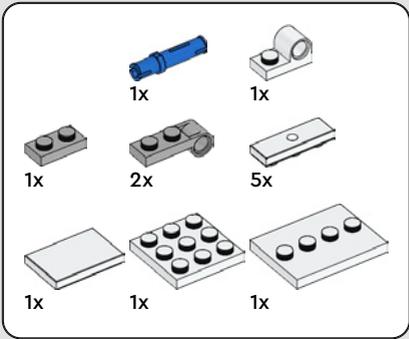
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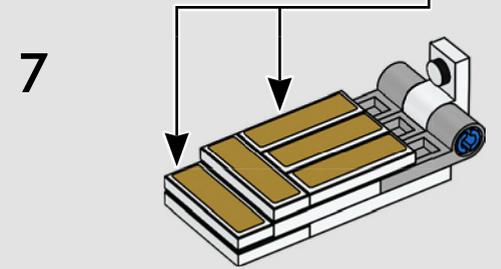
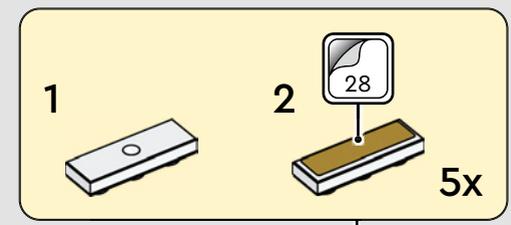
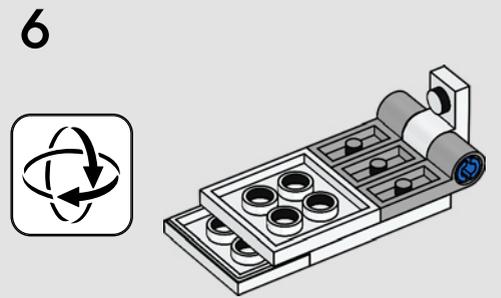
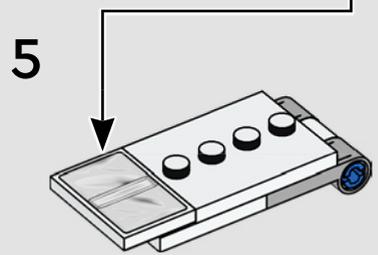
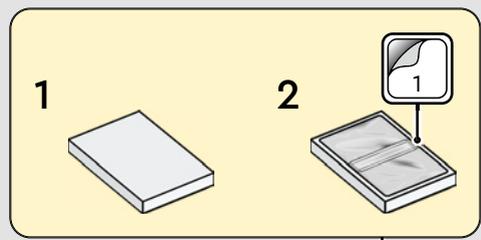
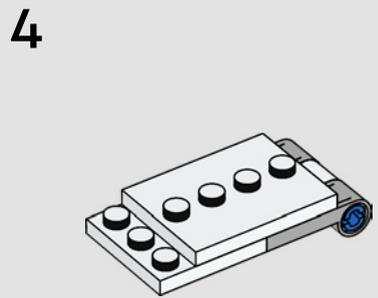
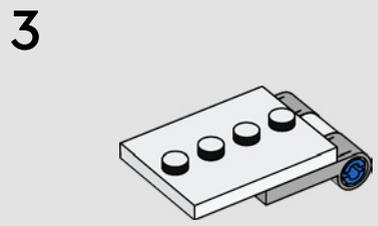
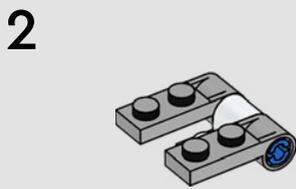
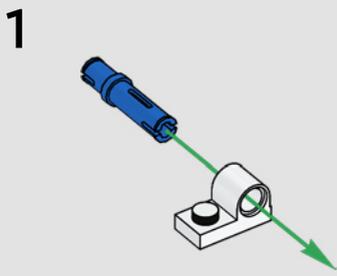


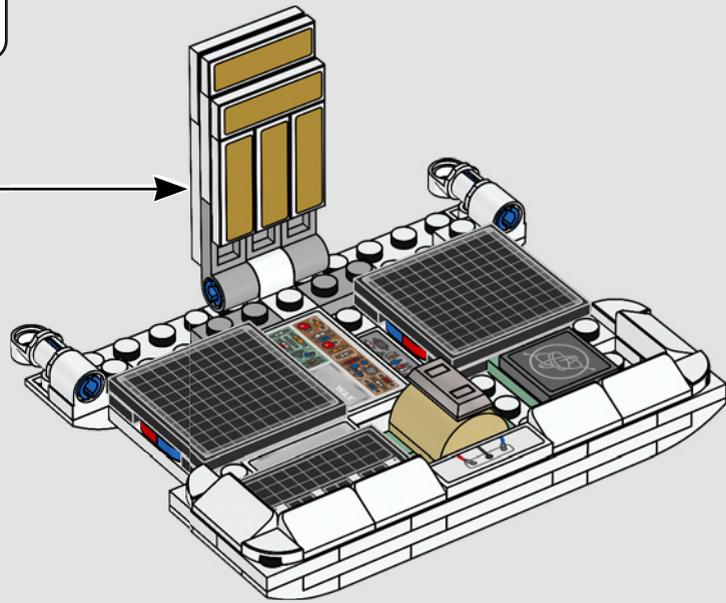
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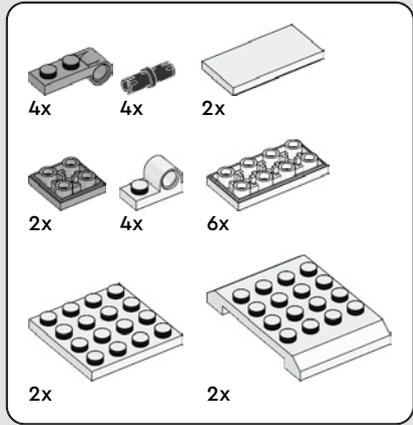
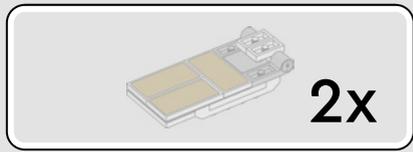




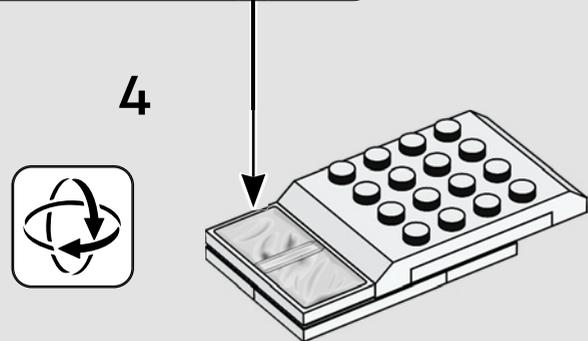
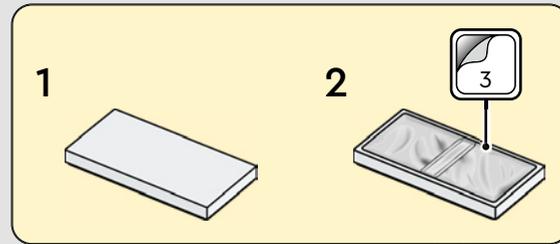
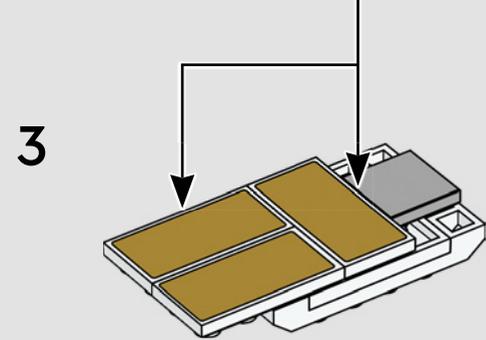
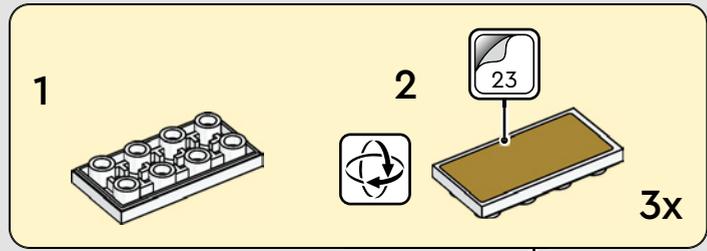
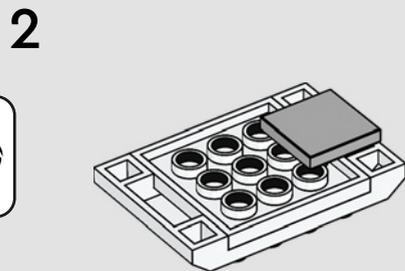
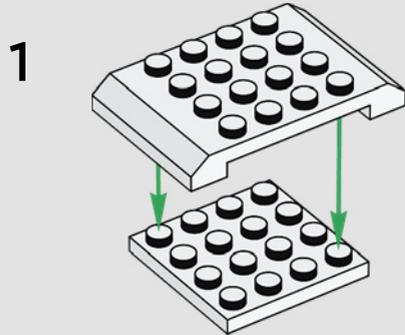
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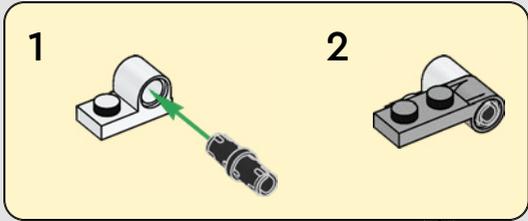




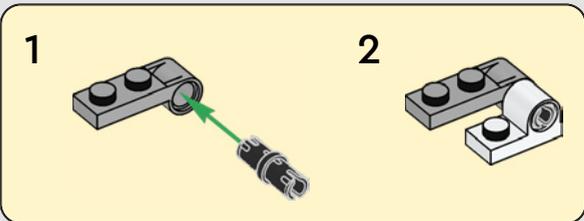
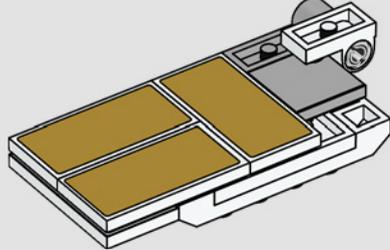


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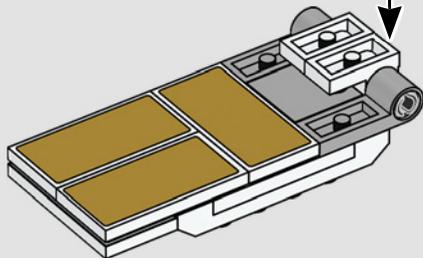




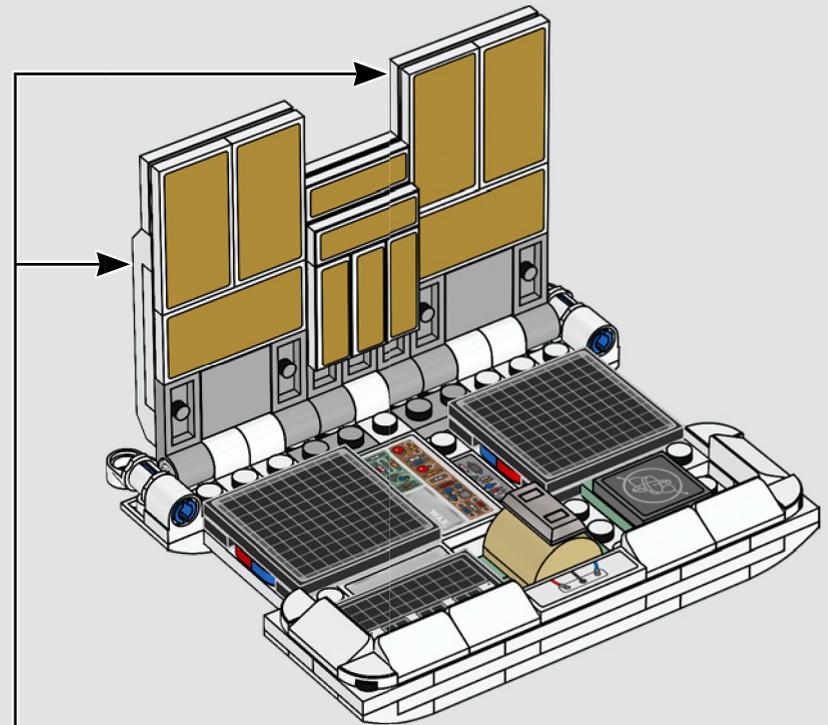
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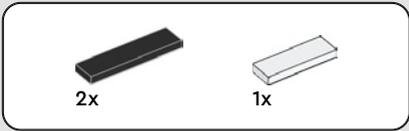


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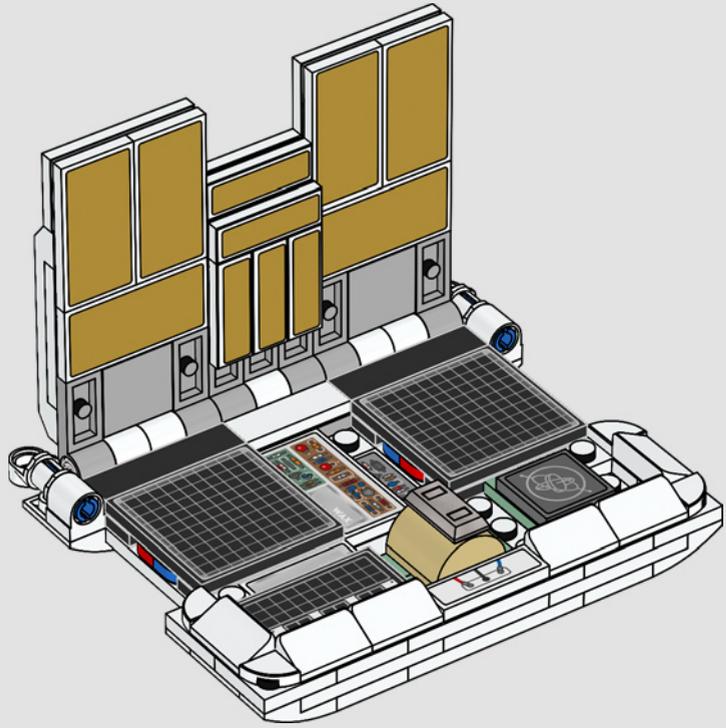


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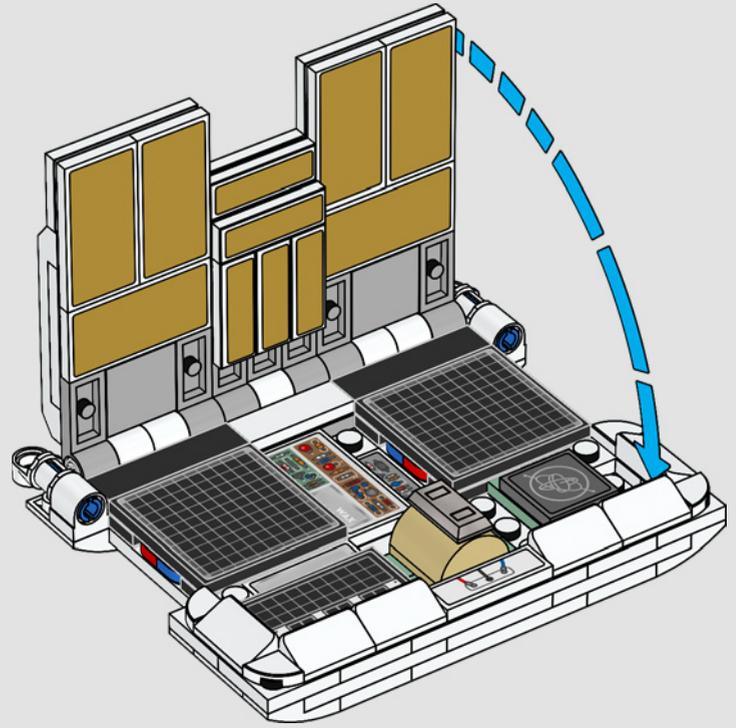


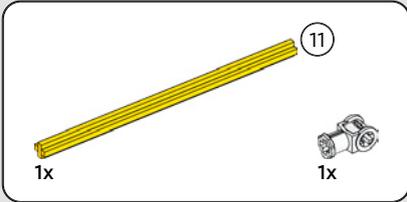
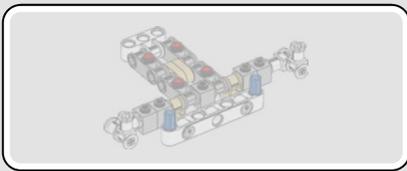


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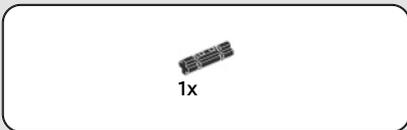
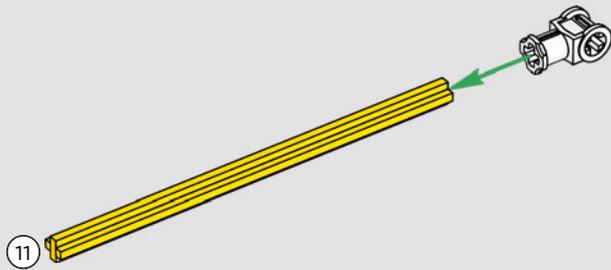


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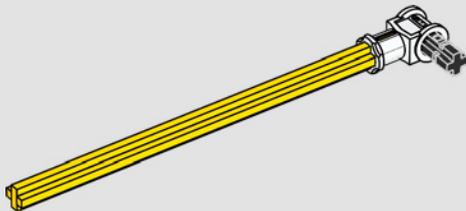




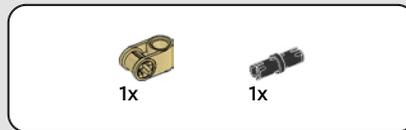
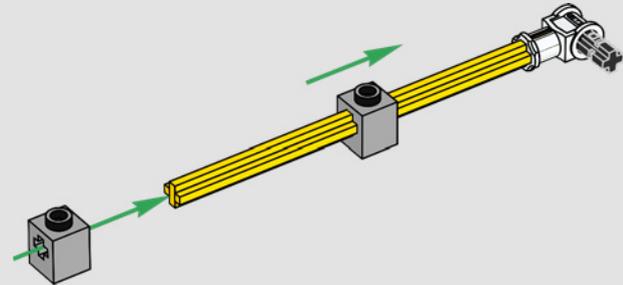
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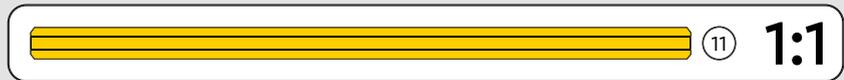
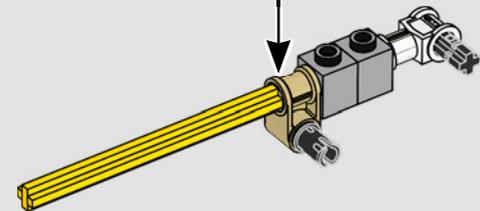
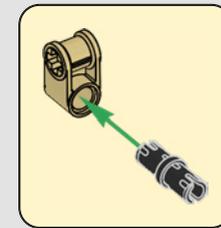
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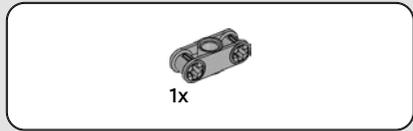


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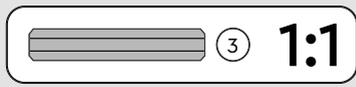
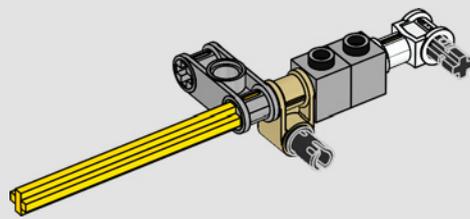


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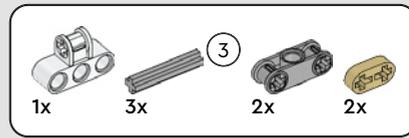




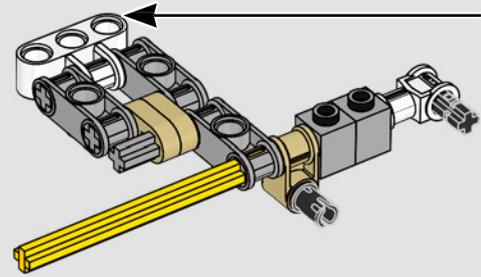
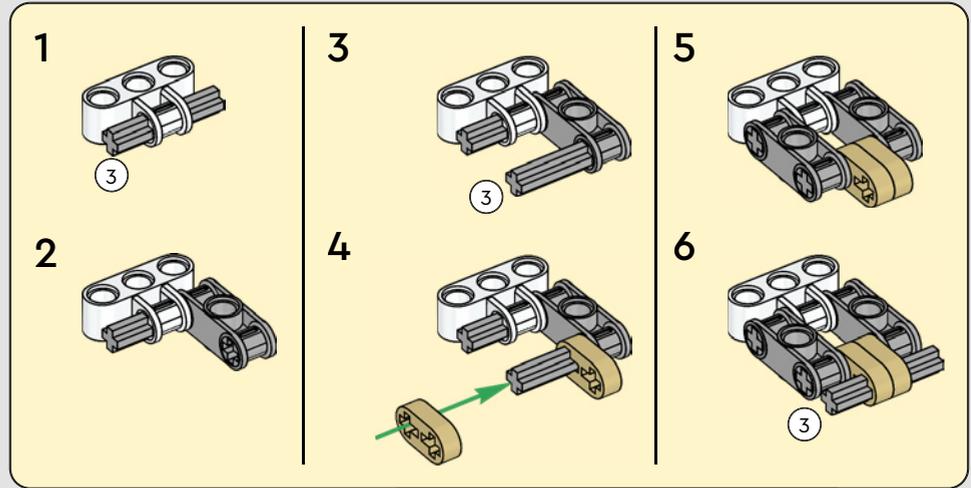
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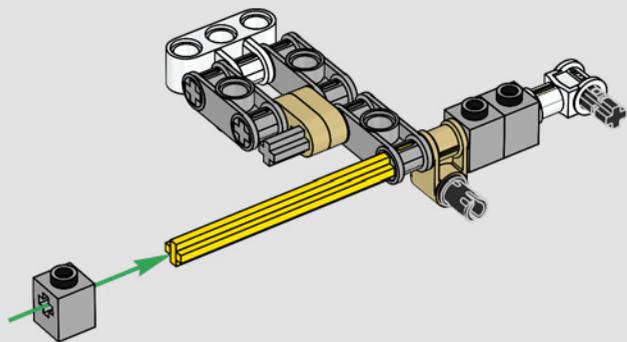
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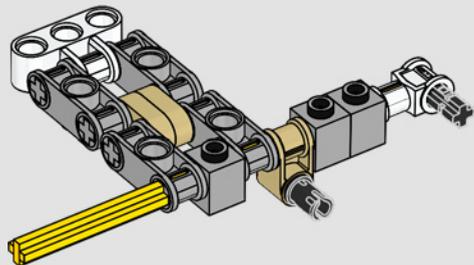
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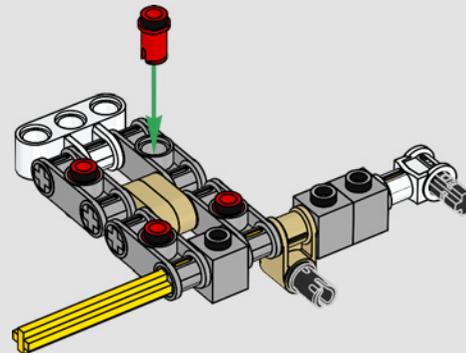
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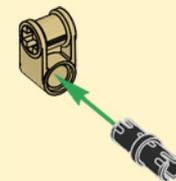
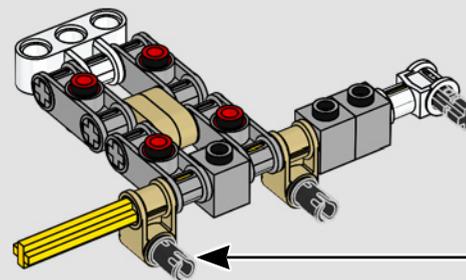


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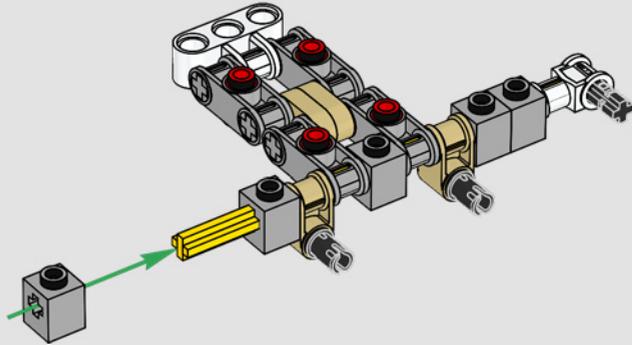
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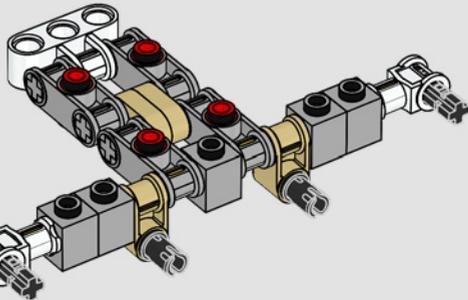


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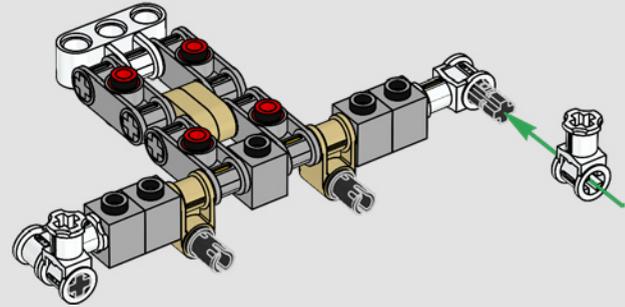
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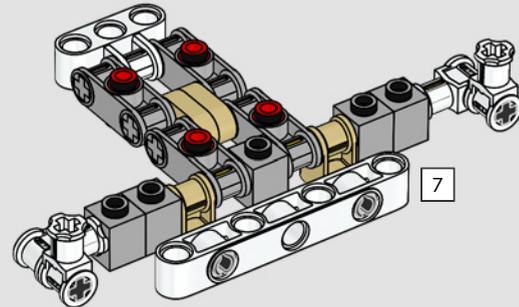
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7

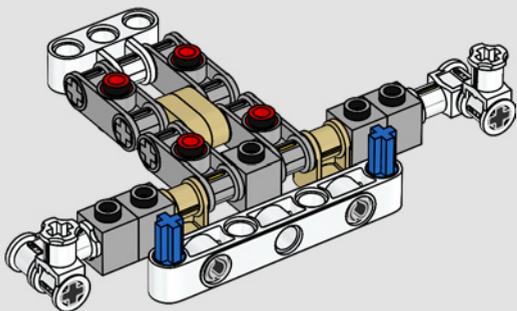
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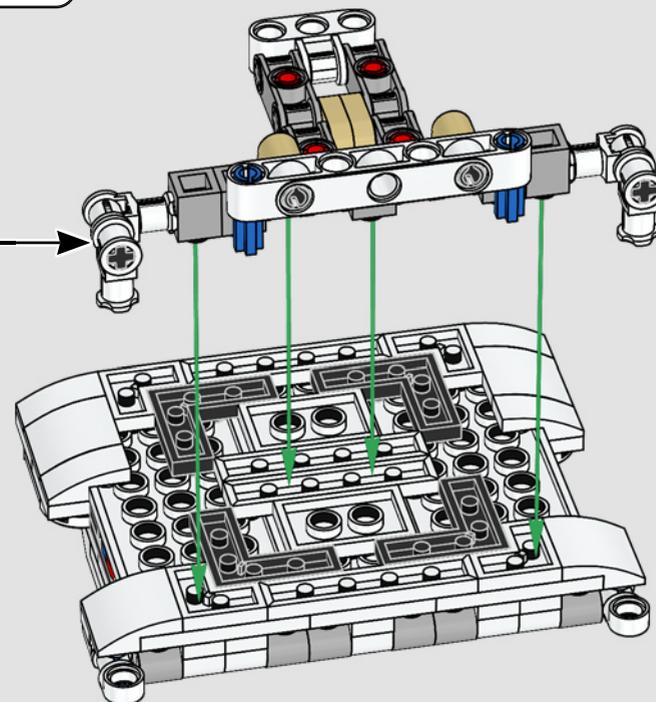


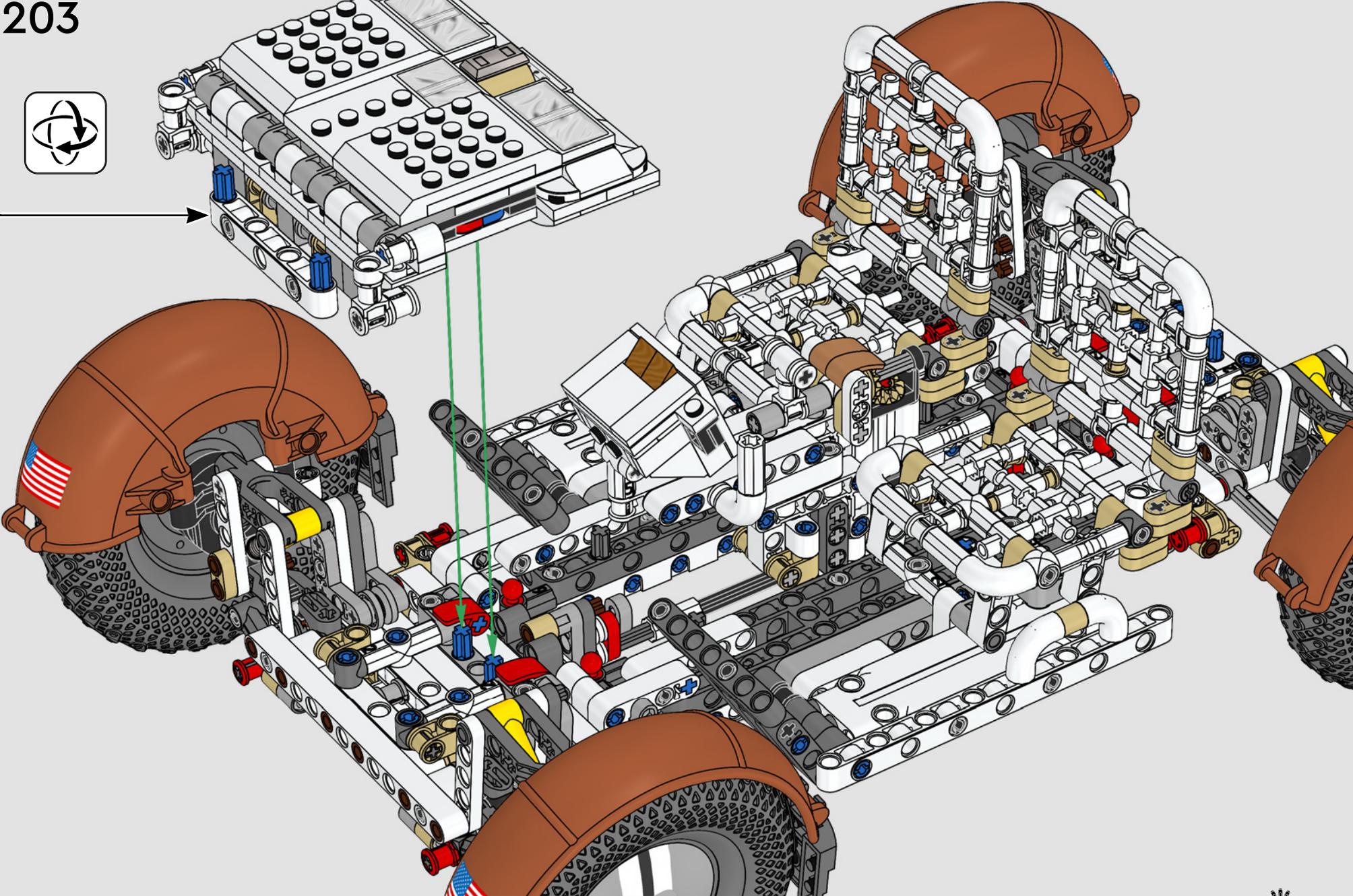
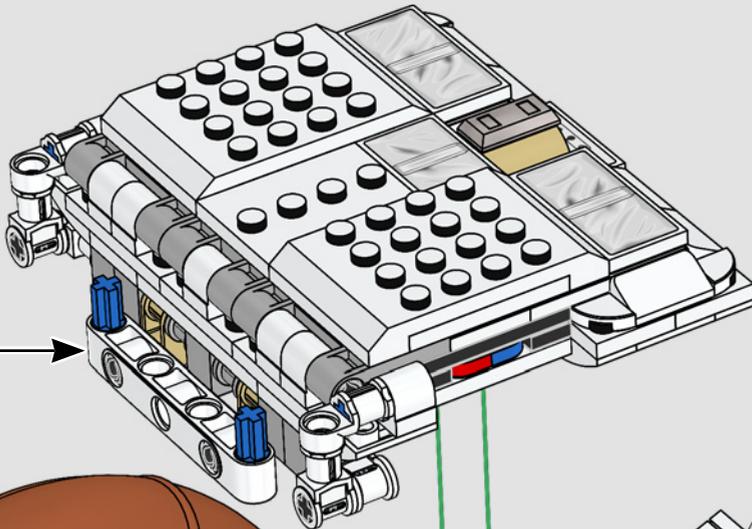
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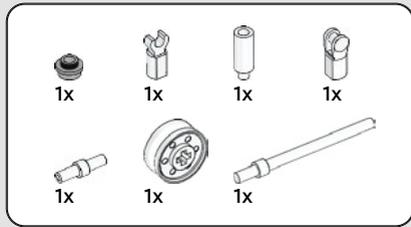
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204

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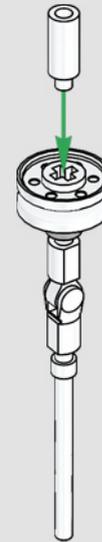
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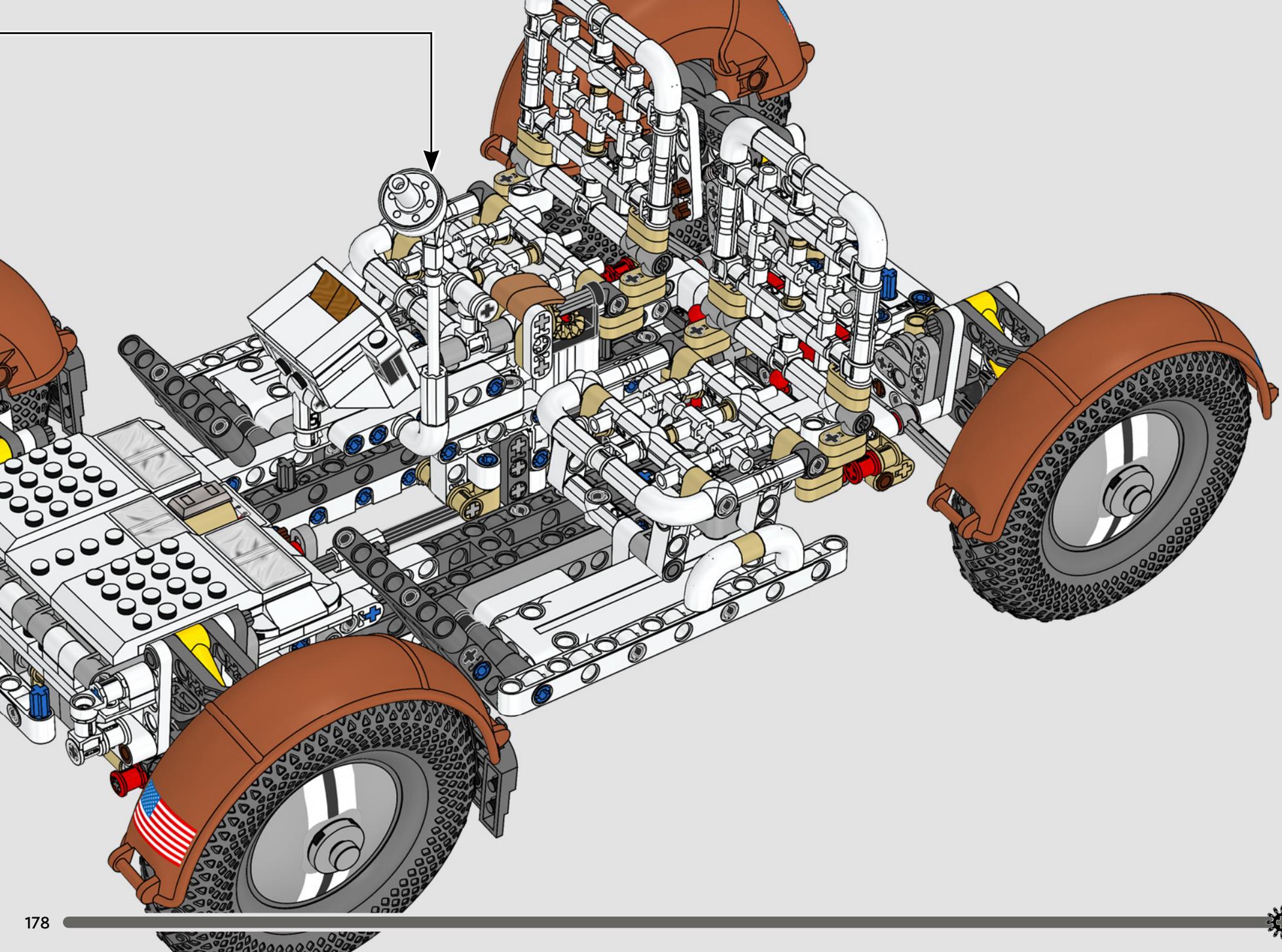


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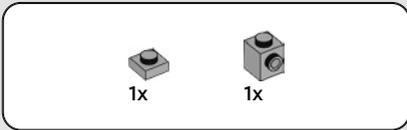
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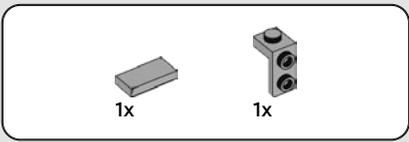




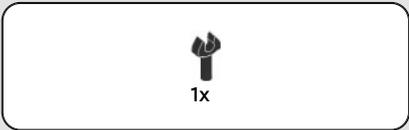
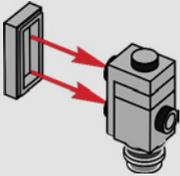
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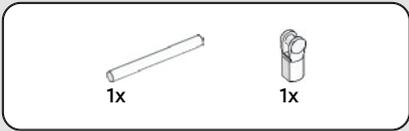


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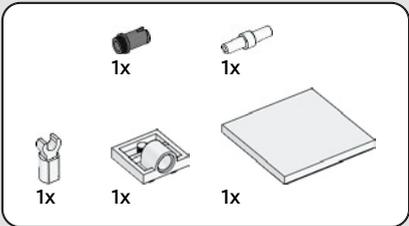
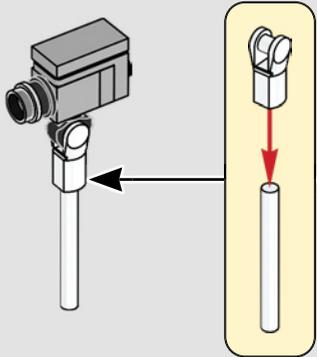


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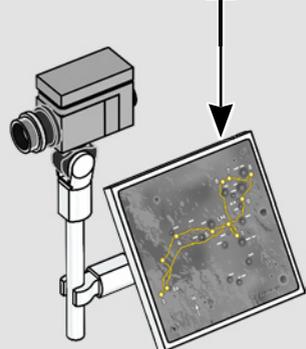
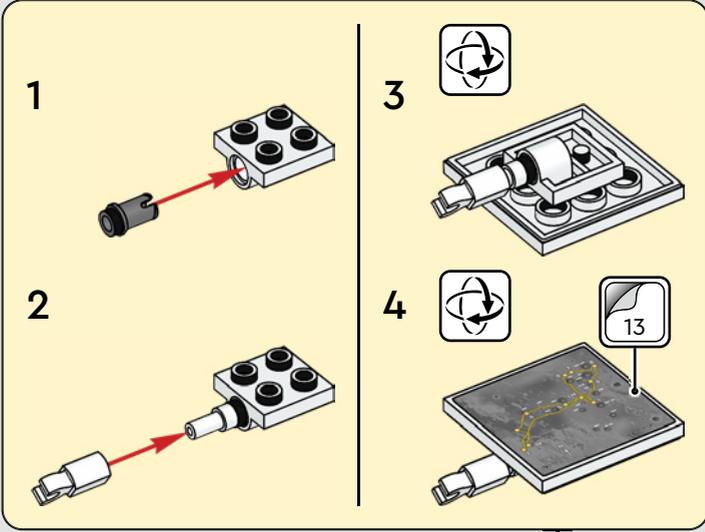




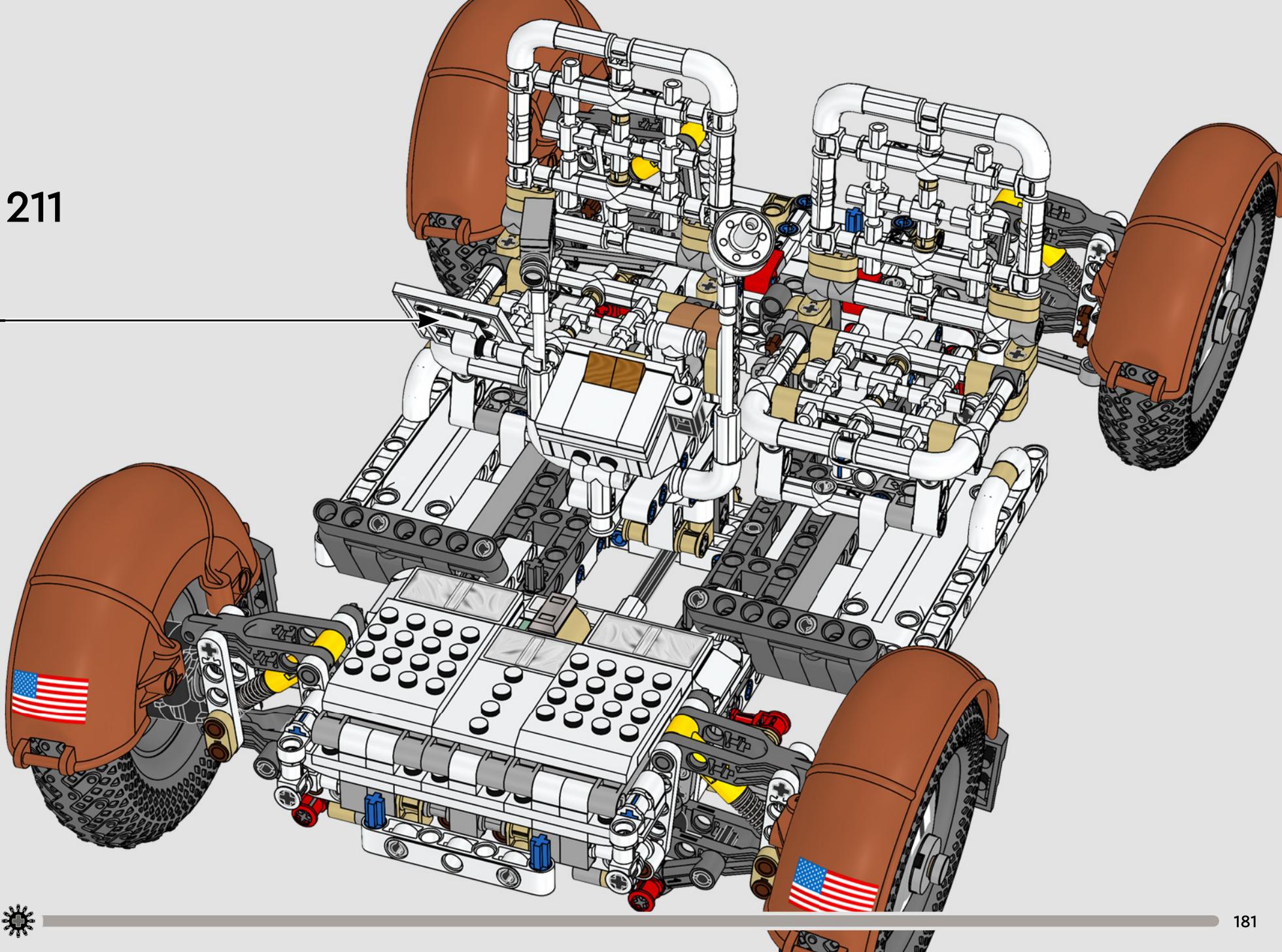
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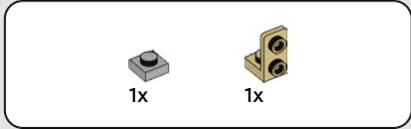
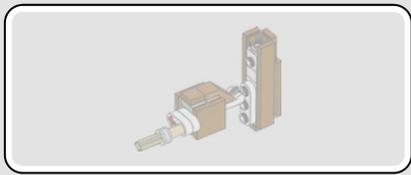


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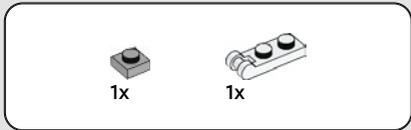


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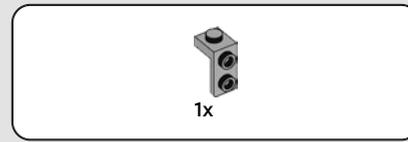
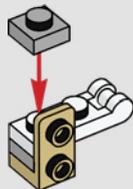




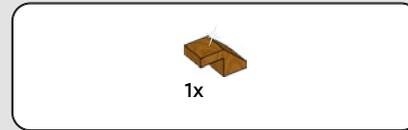
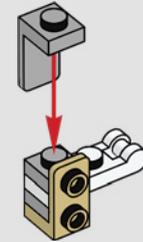
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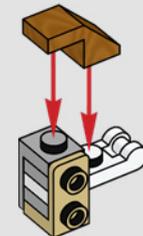
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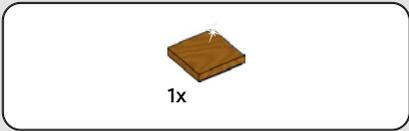


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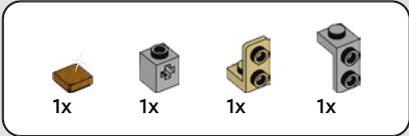


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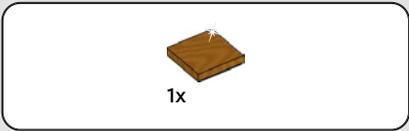
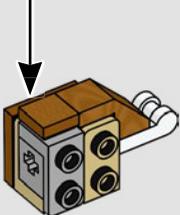
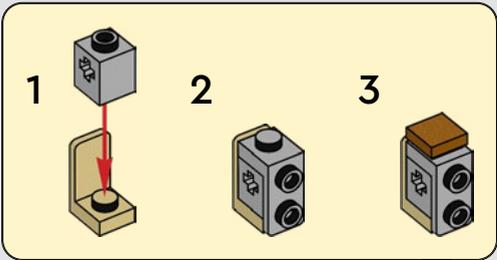




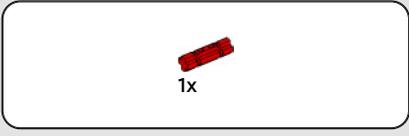
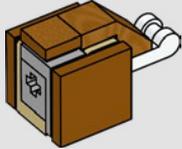
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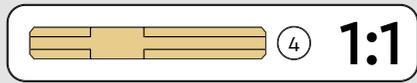
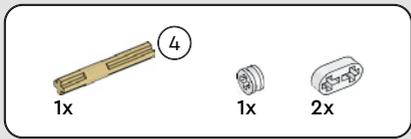


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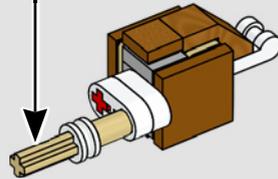
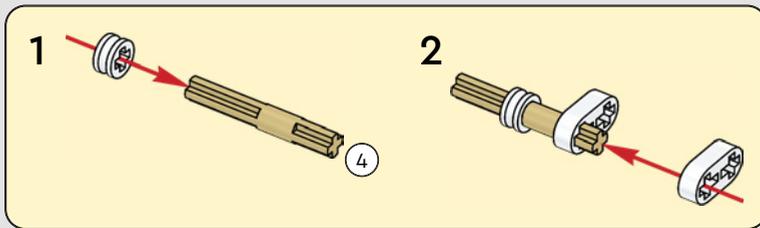


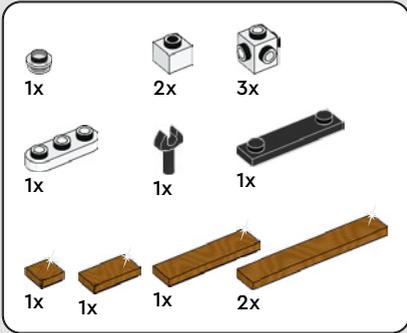
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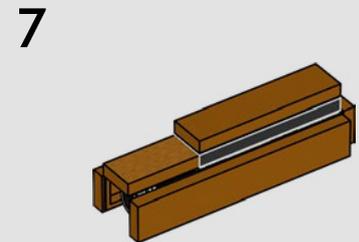
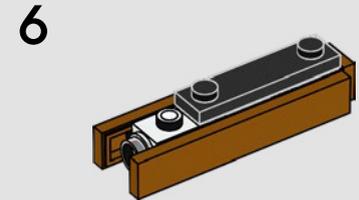
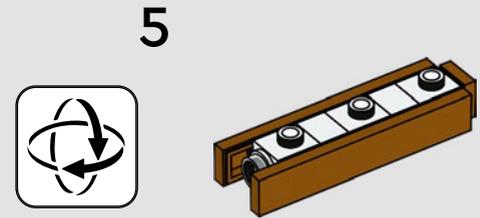
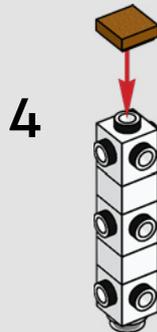
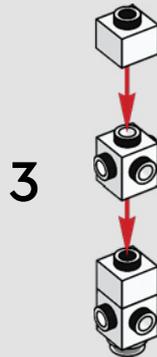
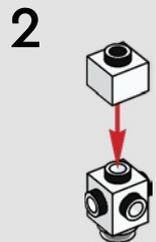
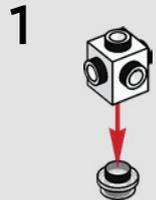


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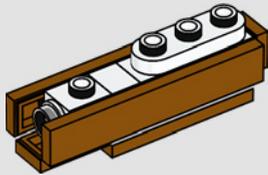




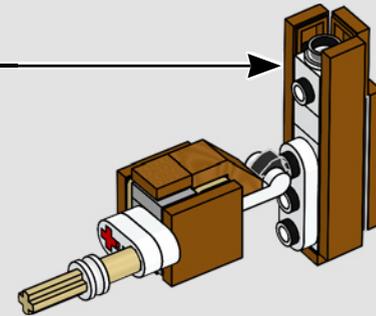
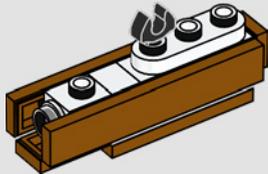
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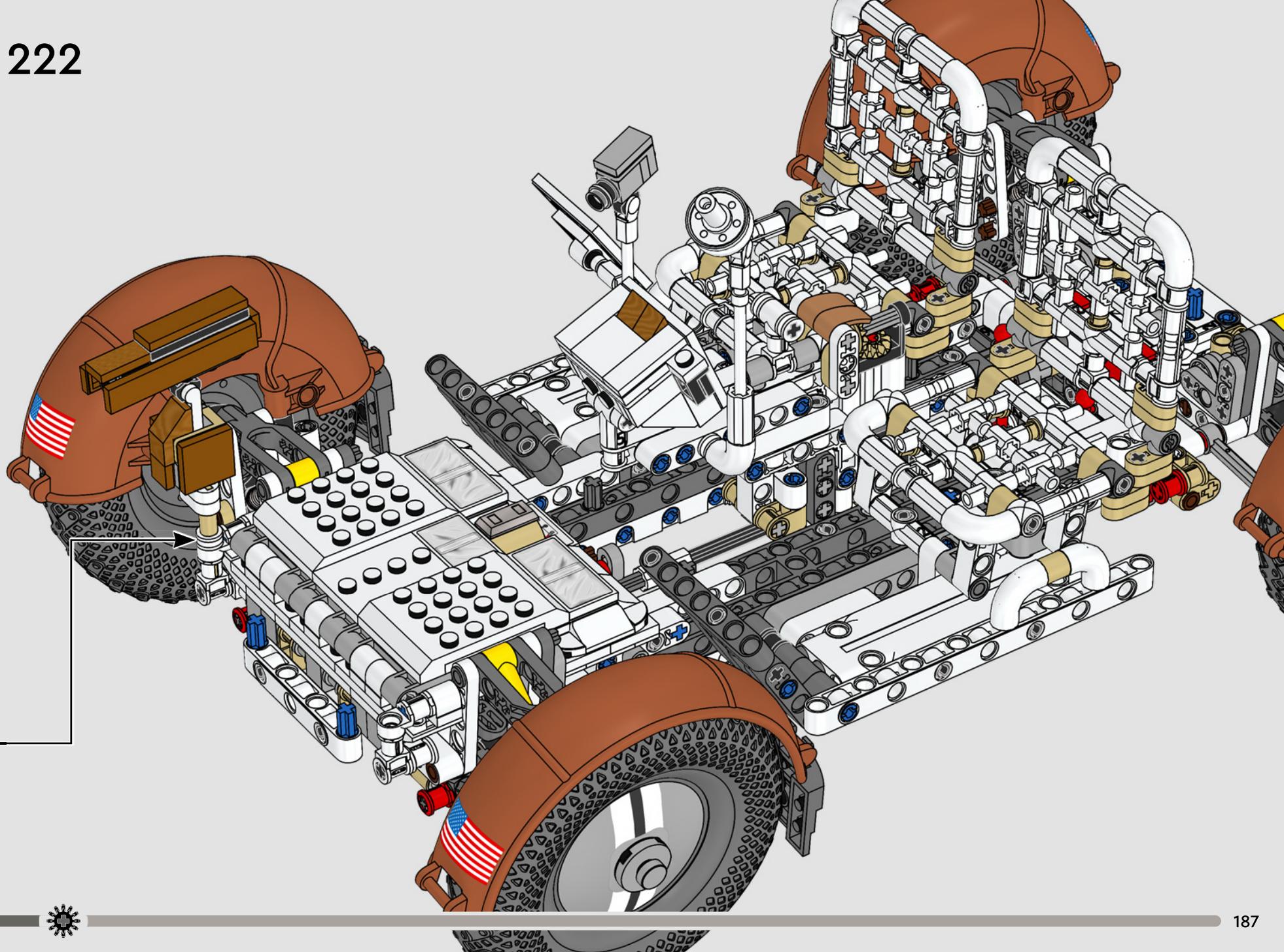


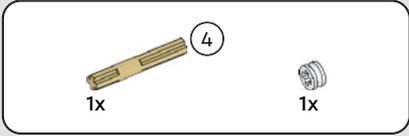
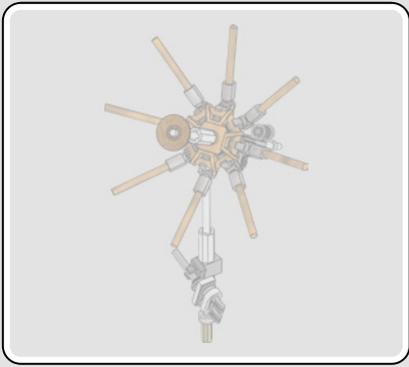
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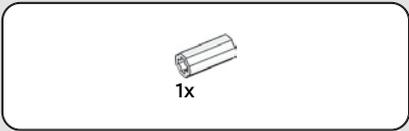
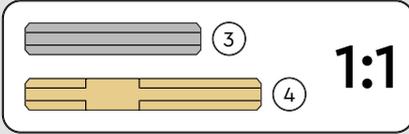
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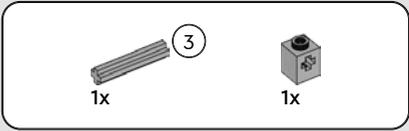




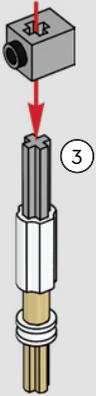
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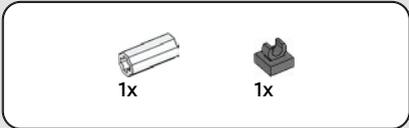


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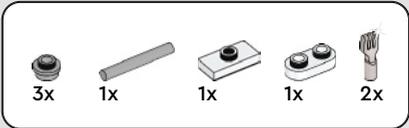
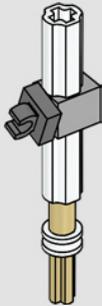


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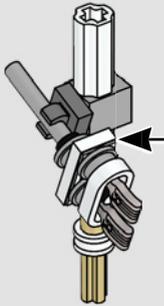
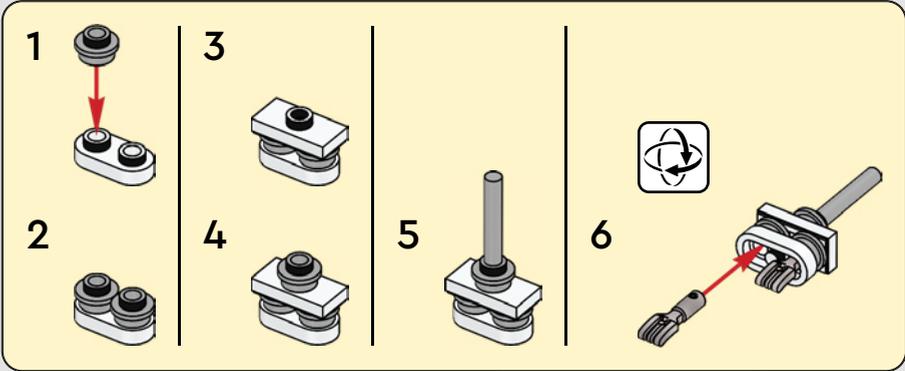


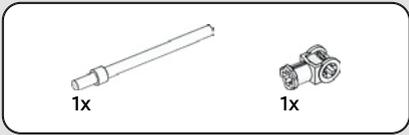


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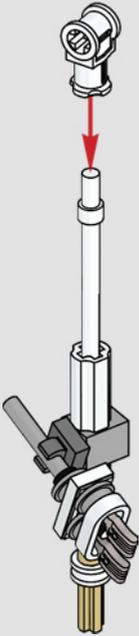


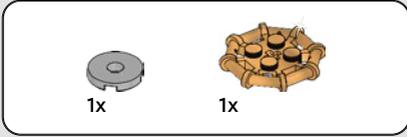
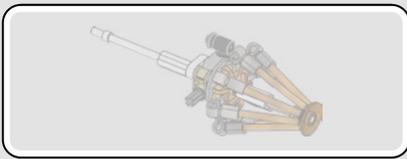
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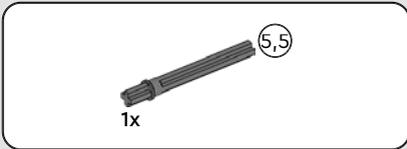
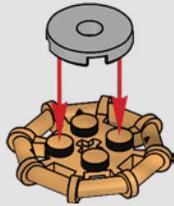


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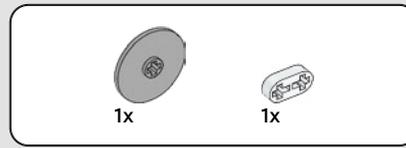
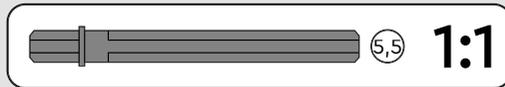
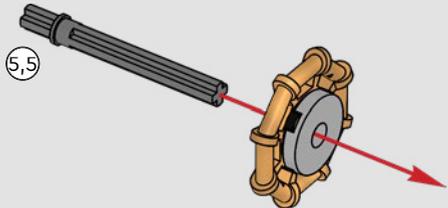




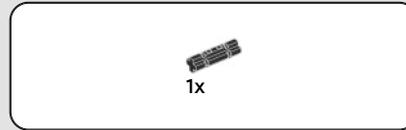
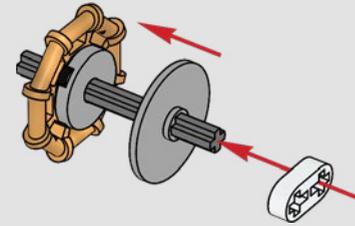
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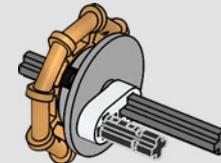
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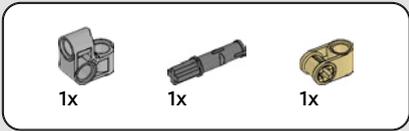


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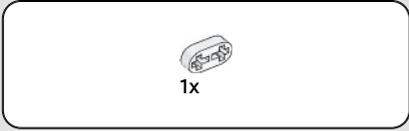
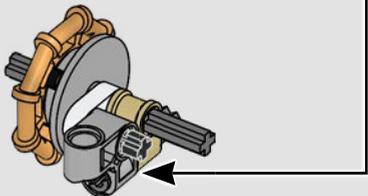
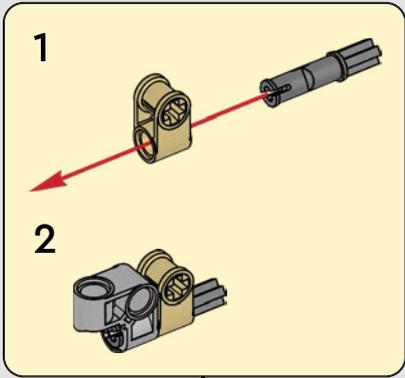


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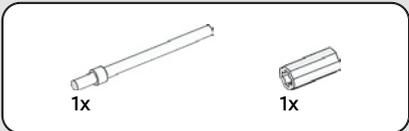
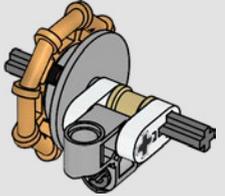




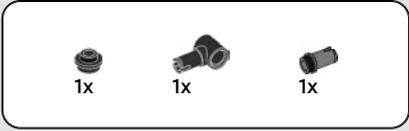
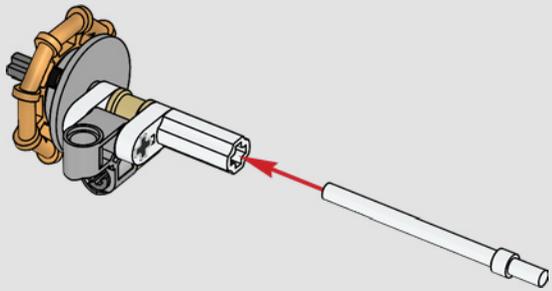
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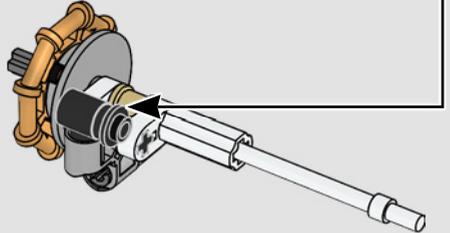
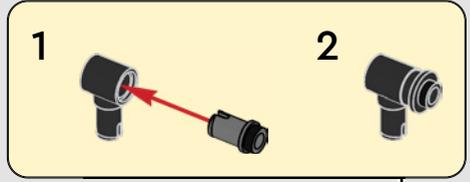
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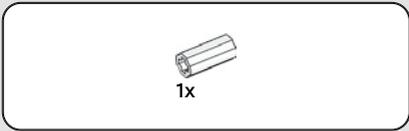


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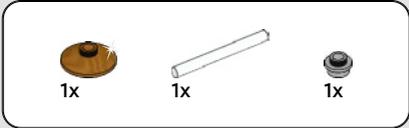
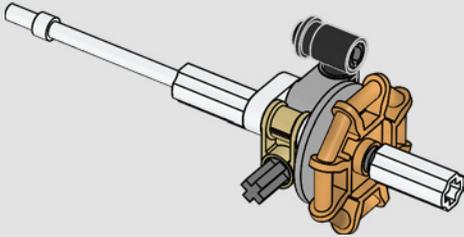


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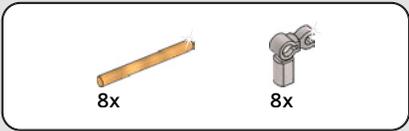
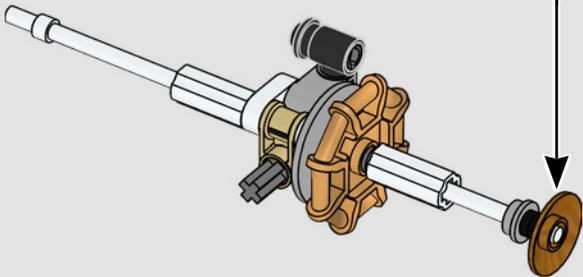
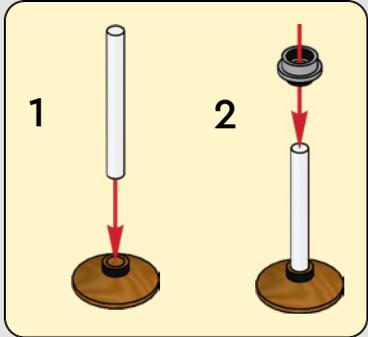




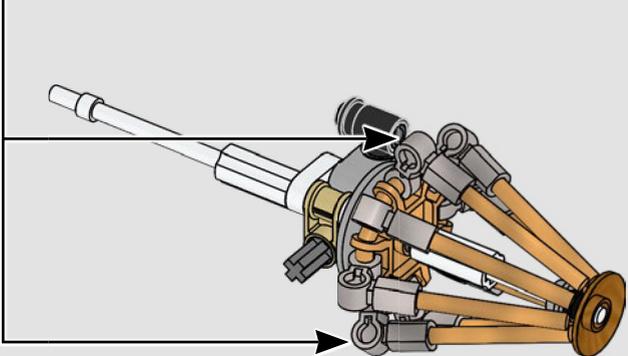
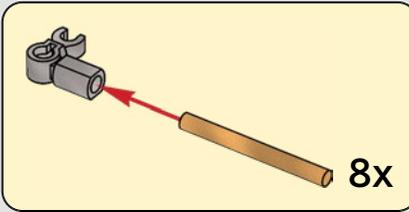
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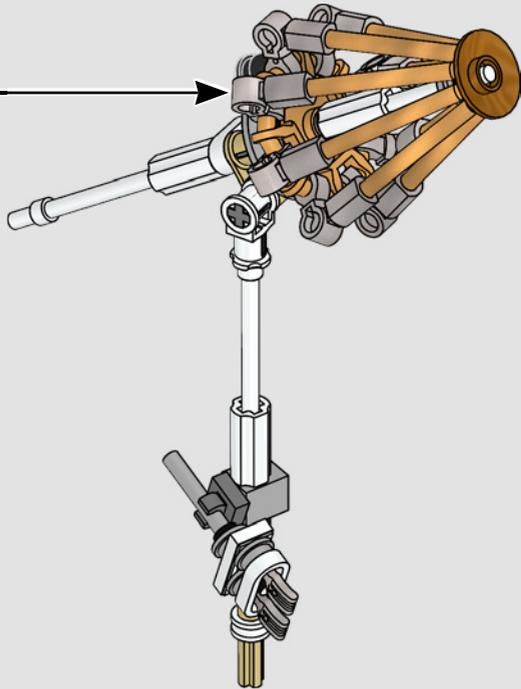
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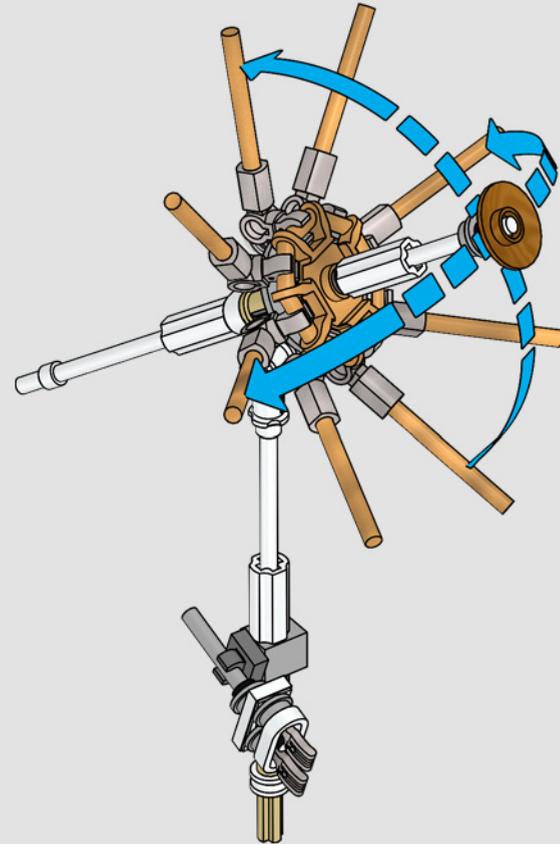
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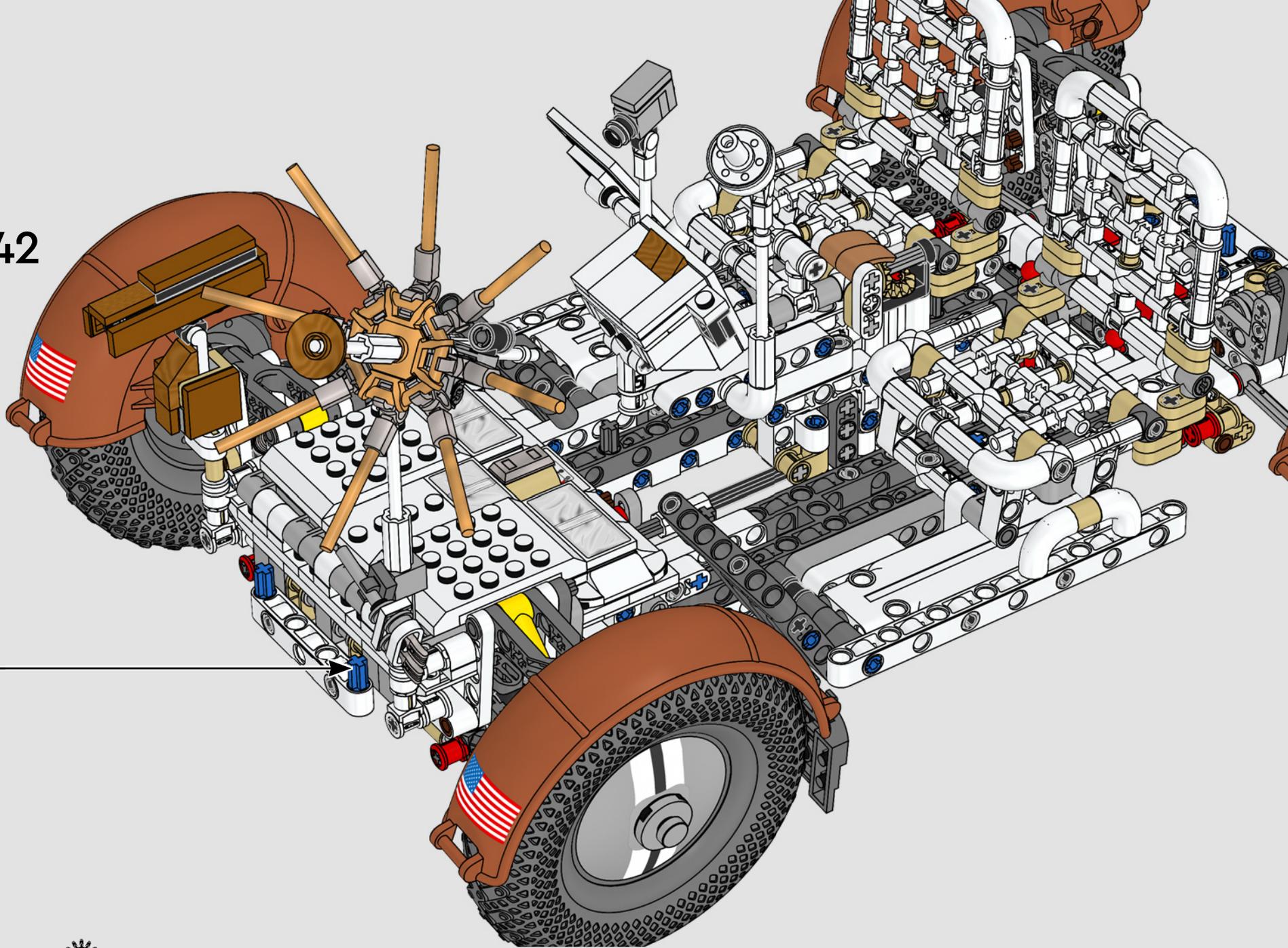
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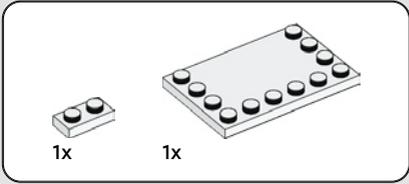
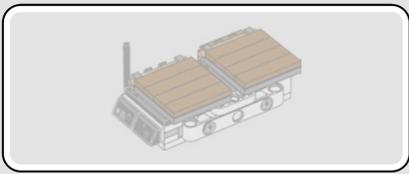


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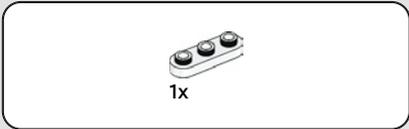
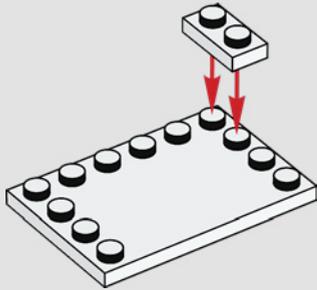


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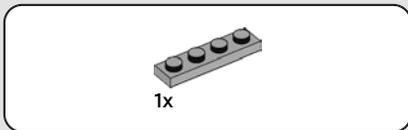
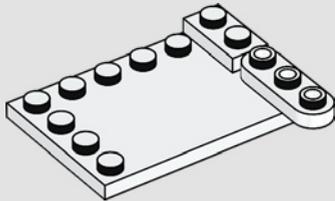




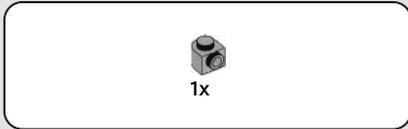
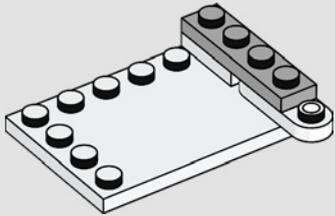
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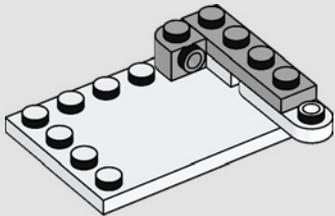
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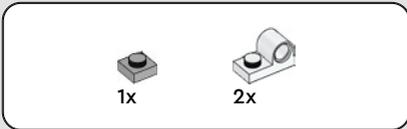


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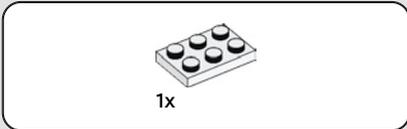
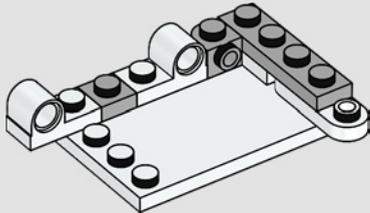


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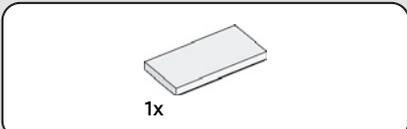
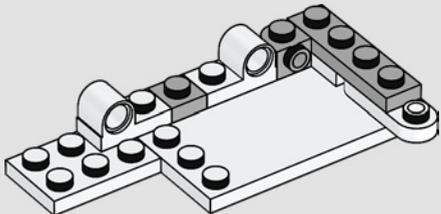




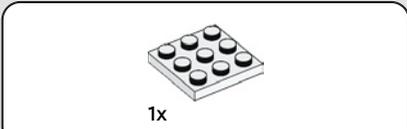
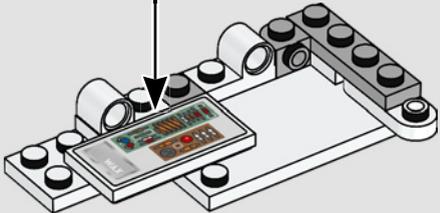
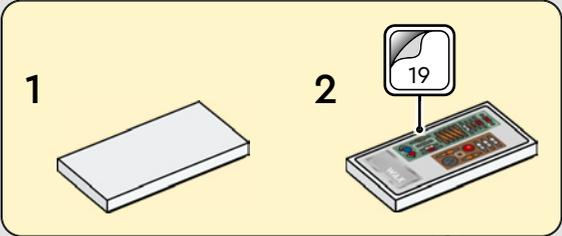
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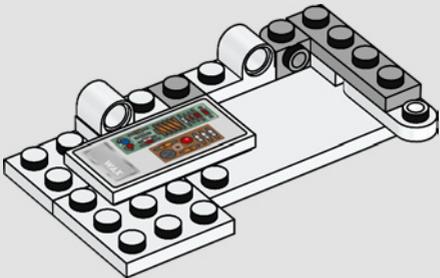
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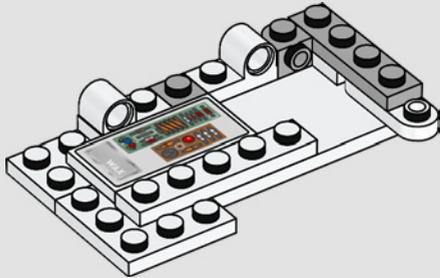
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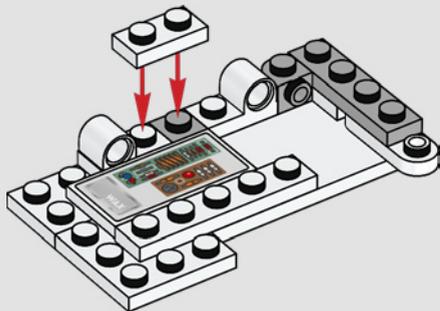
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1x

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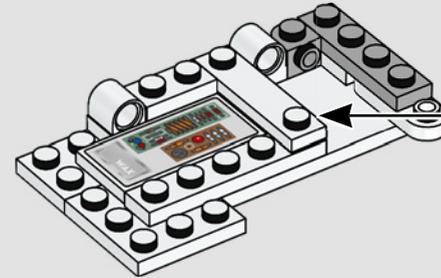


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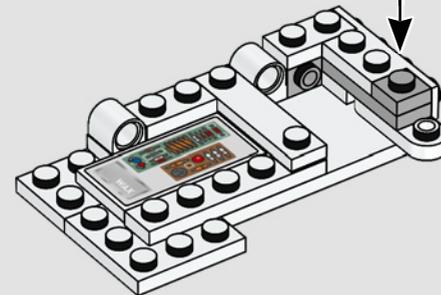


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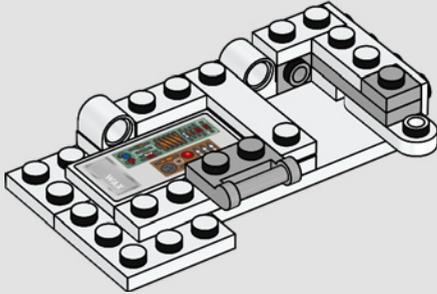
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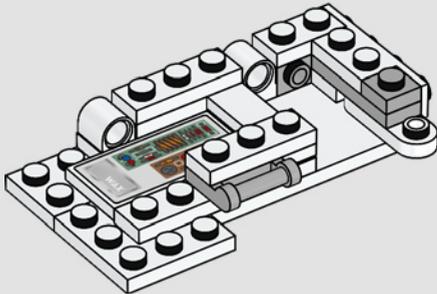
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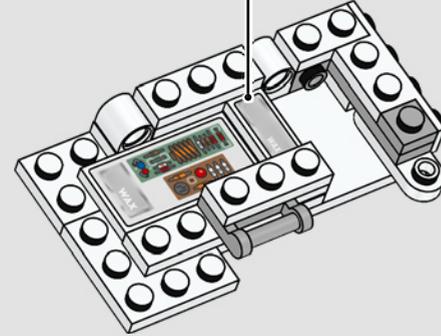
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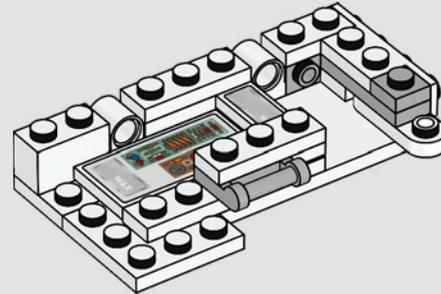


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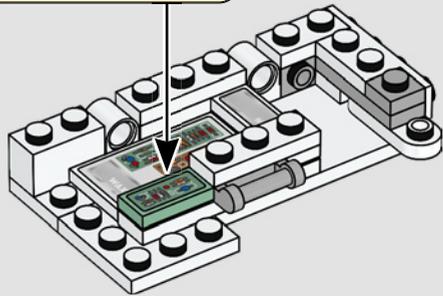
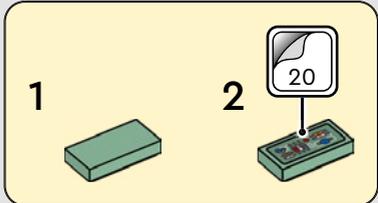


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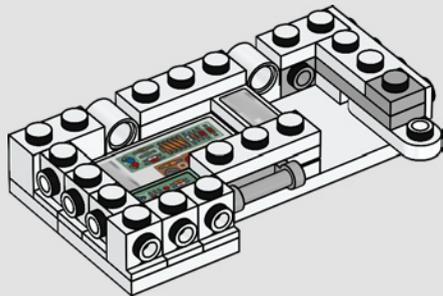




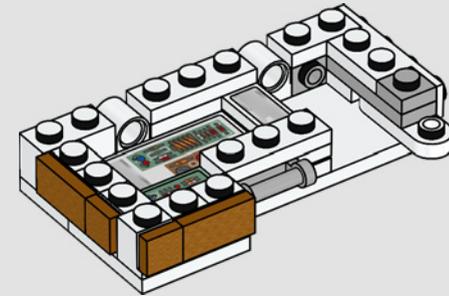
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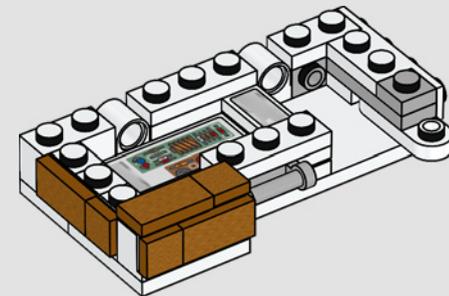
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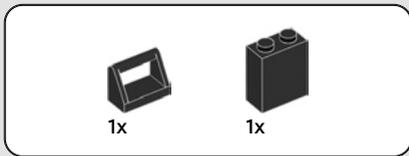


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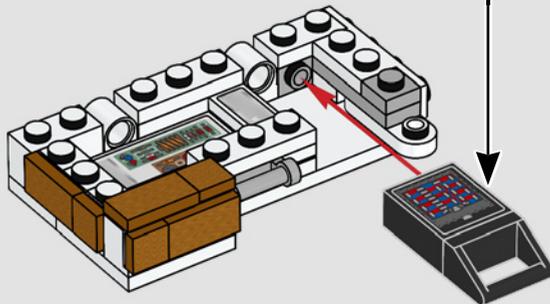
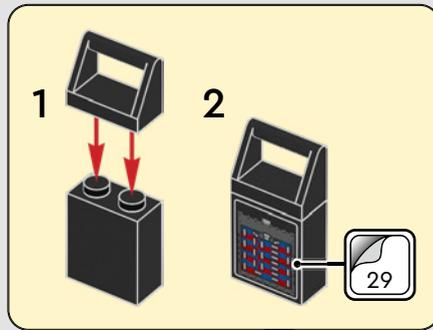


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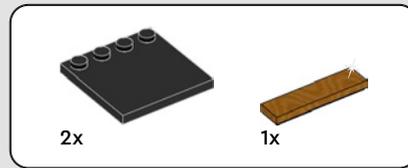
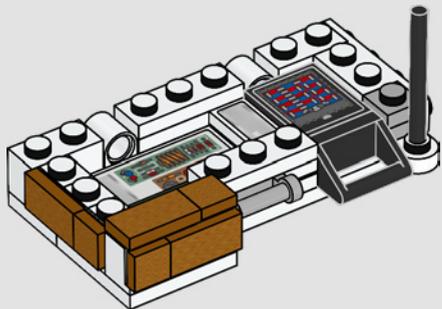




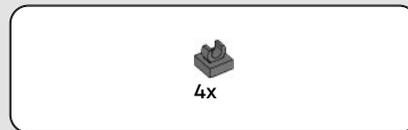
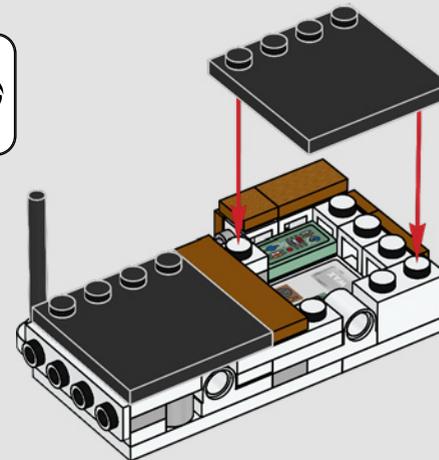
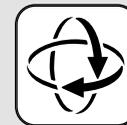
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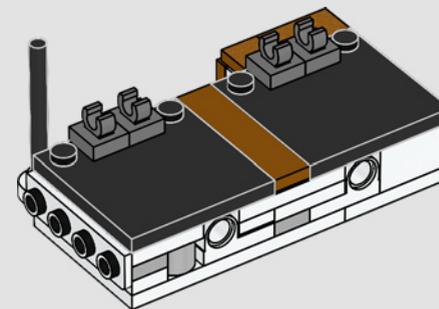
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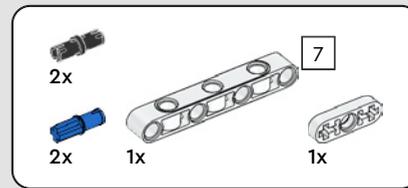
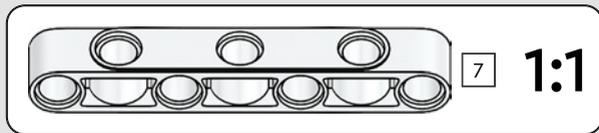
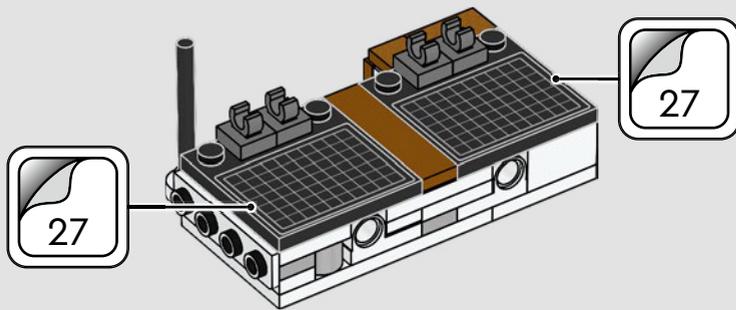
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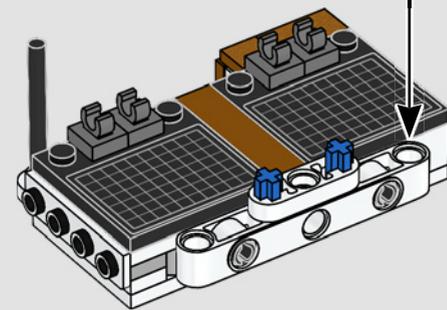
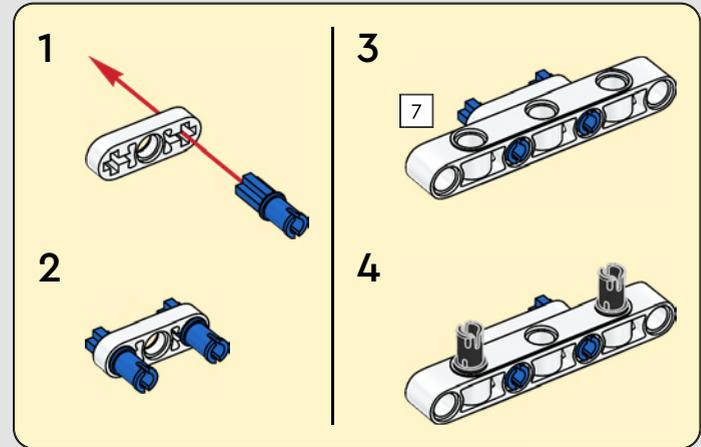
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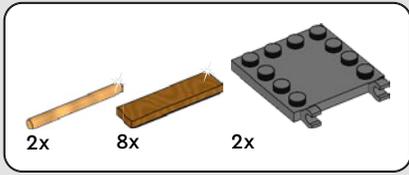
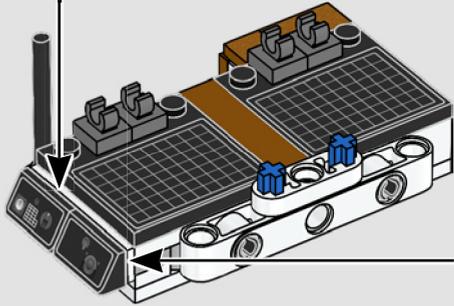
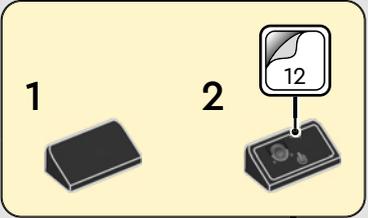
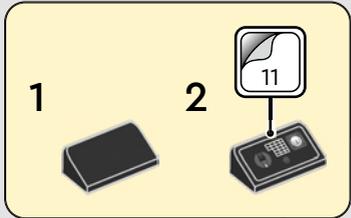


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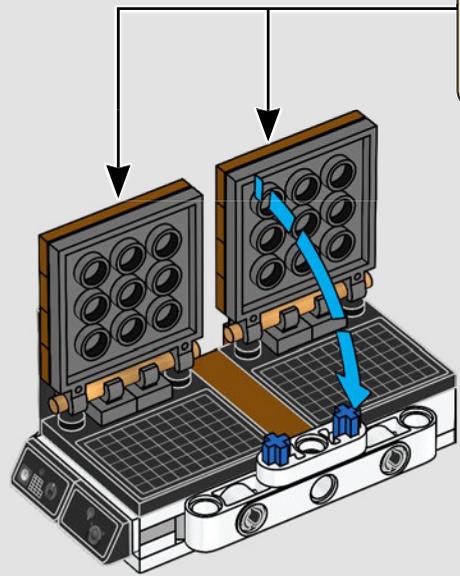
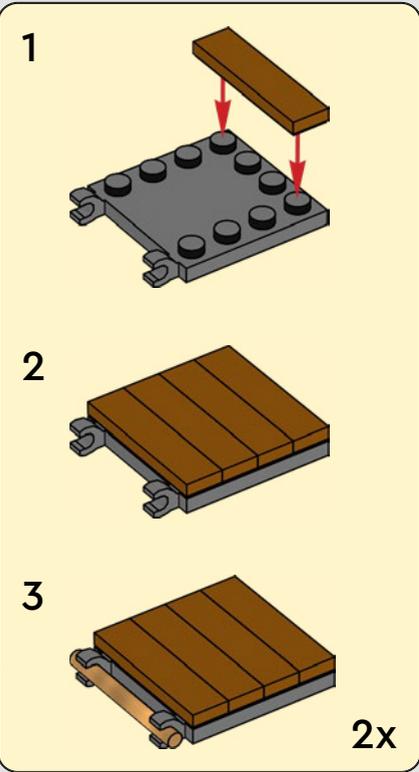


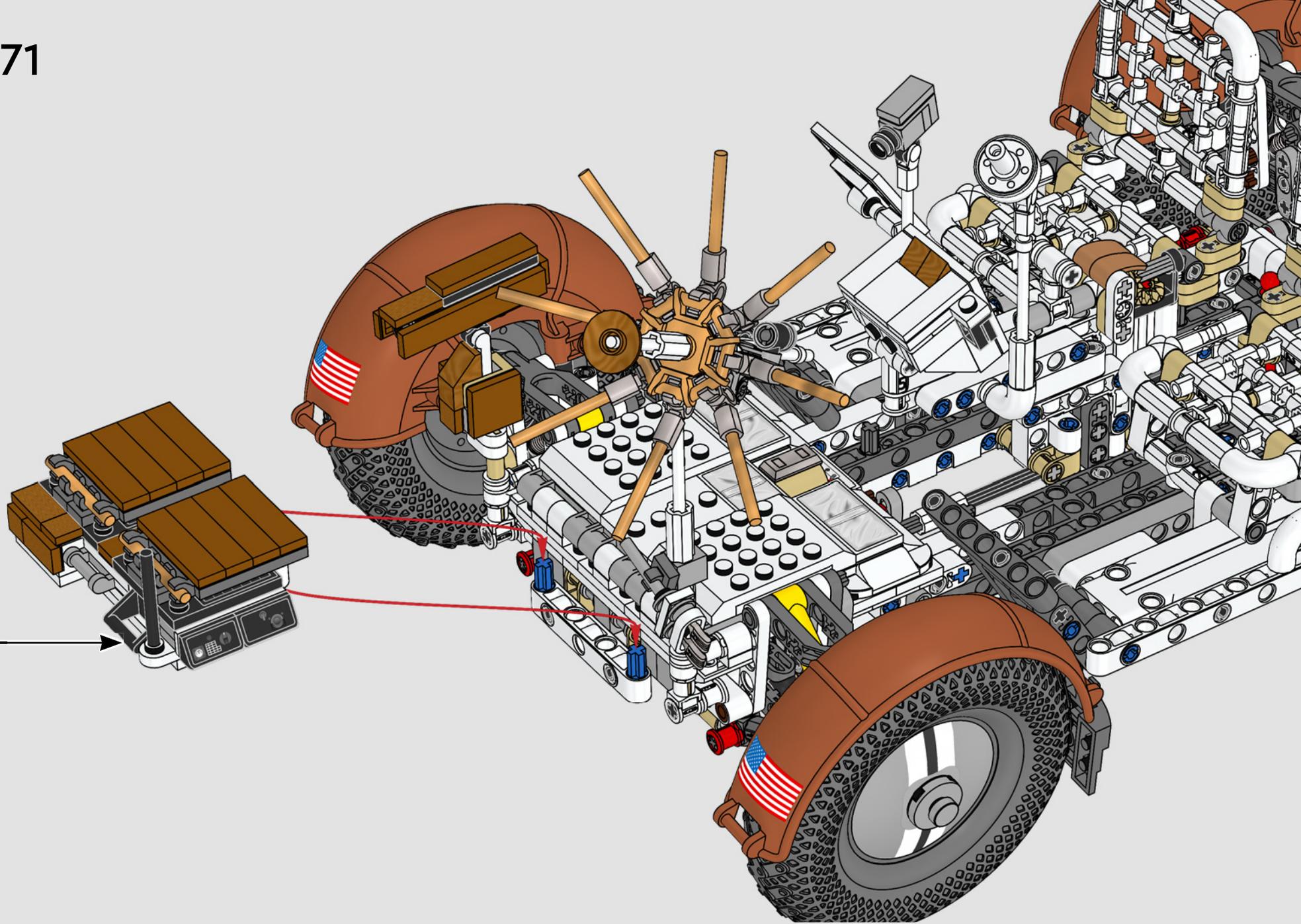


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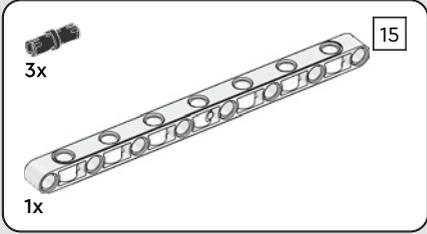
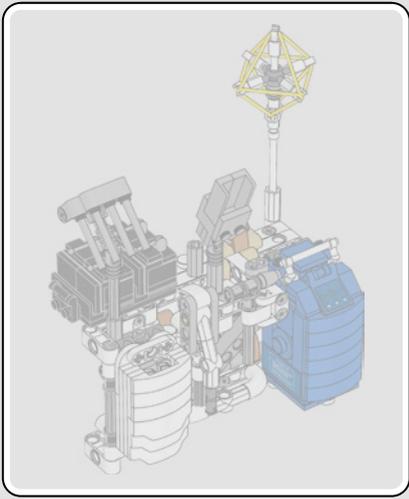


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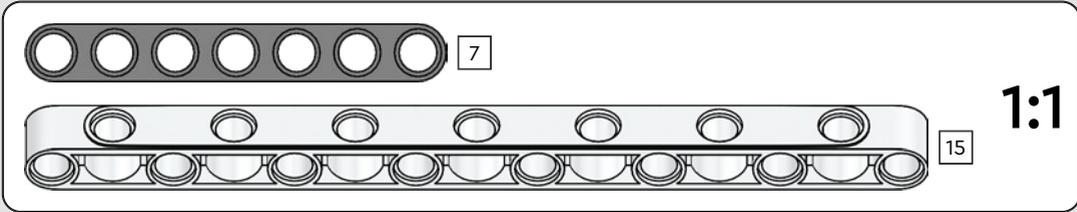
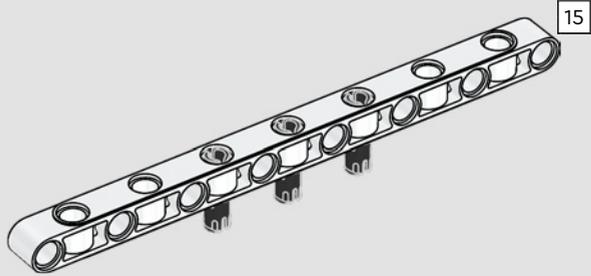




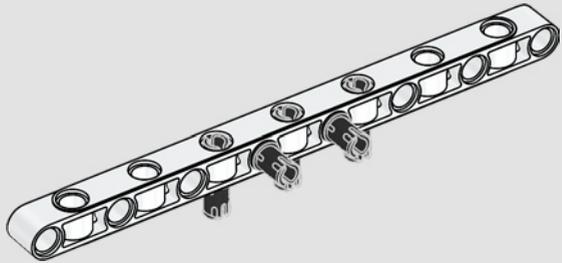


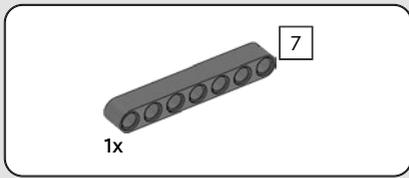


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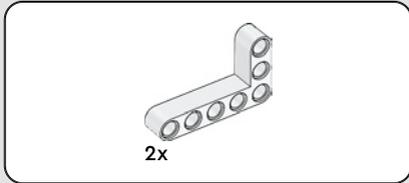
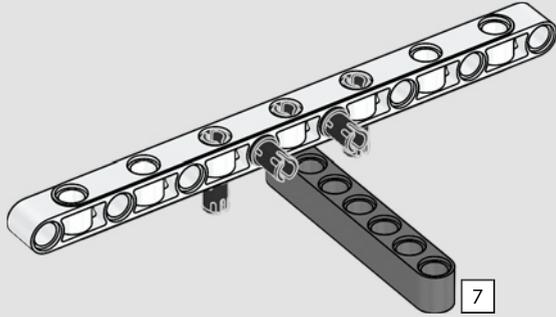


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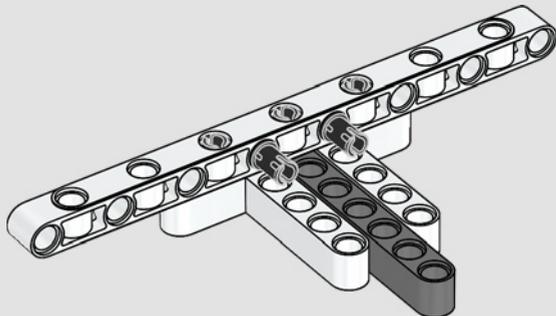




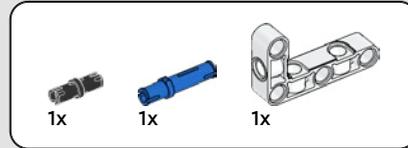
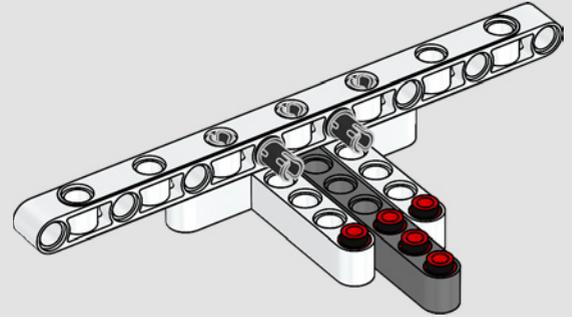
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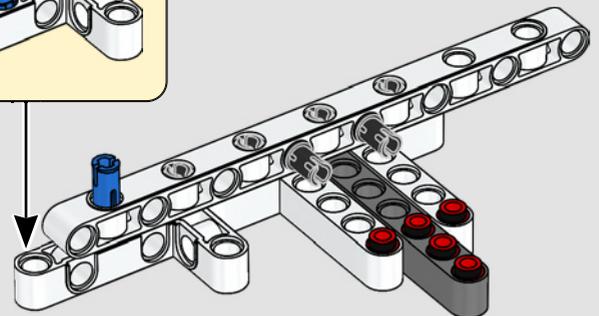
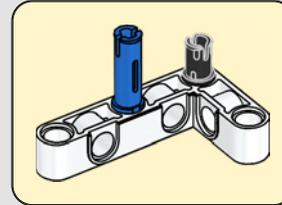
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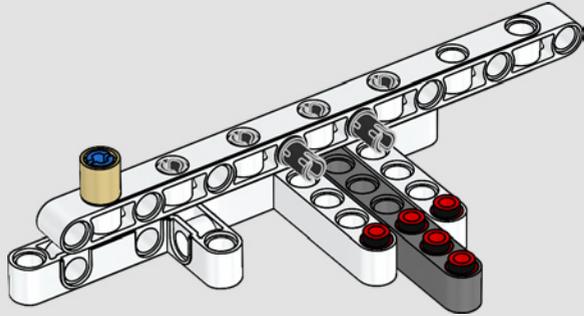
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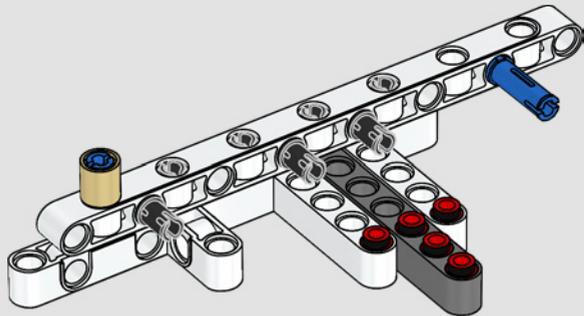


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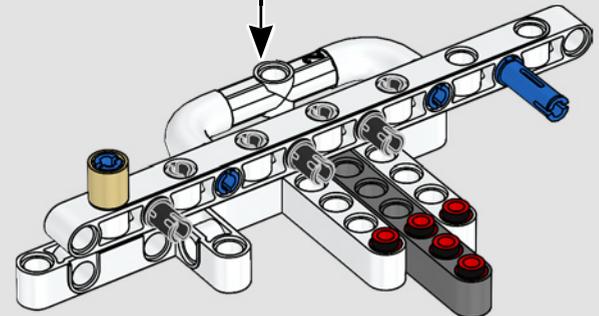
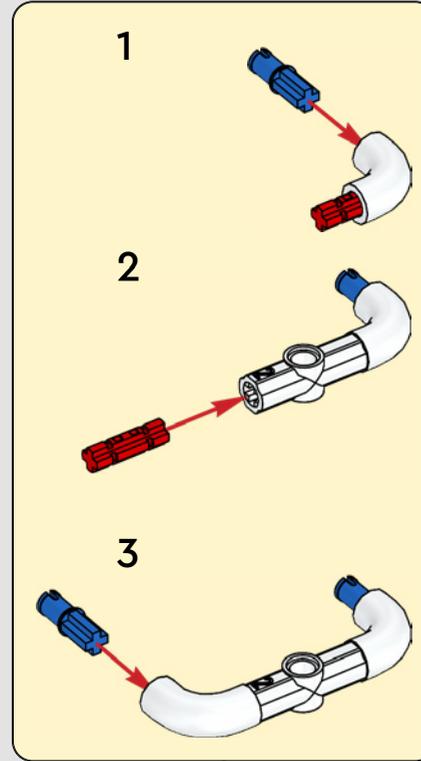
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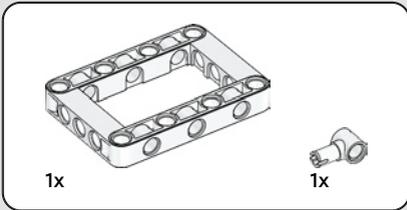
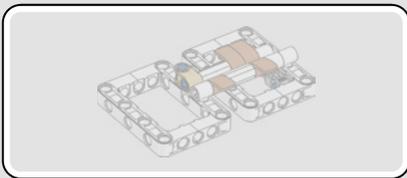
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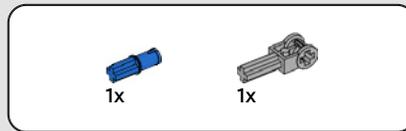
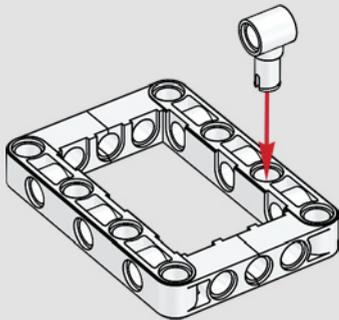
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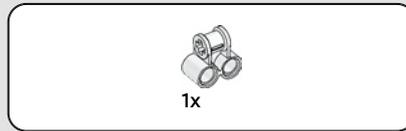
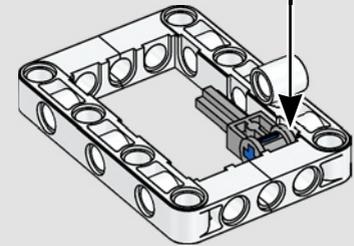
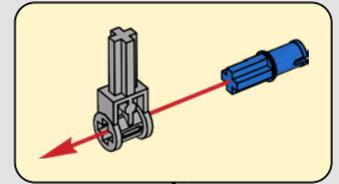




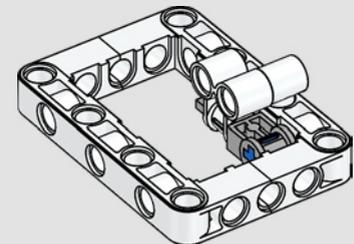
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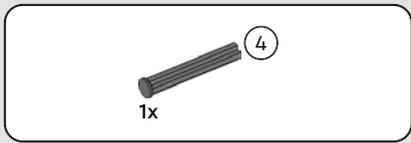


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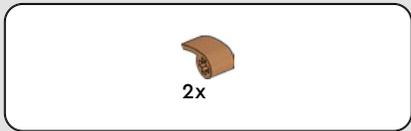
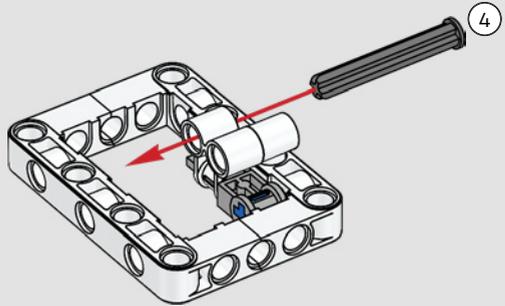


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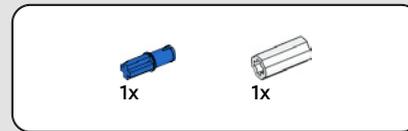
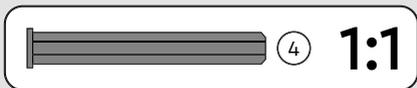
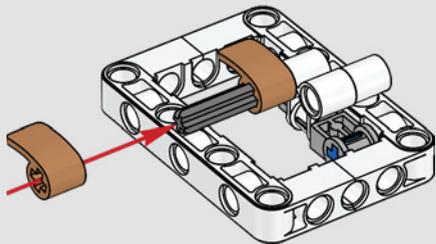




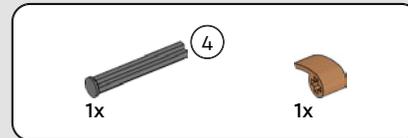
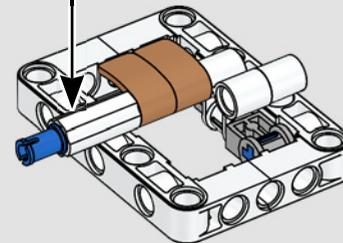
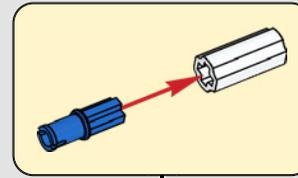
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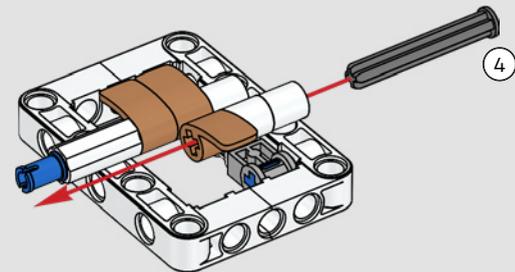
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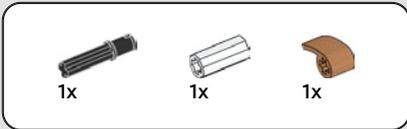


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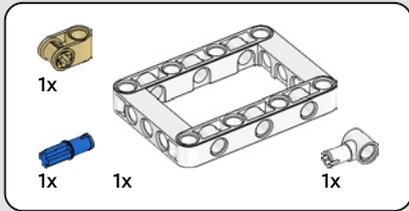
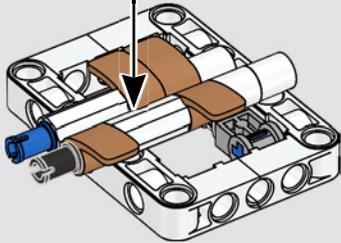
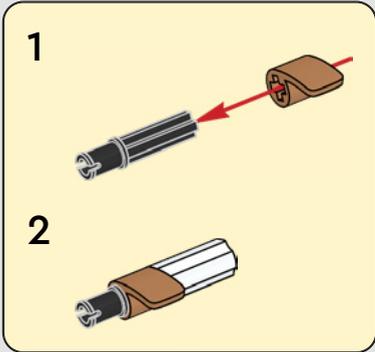


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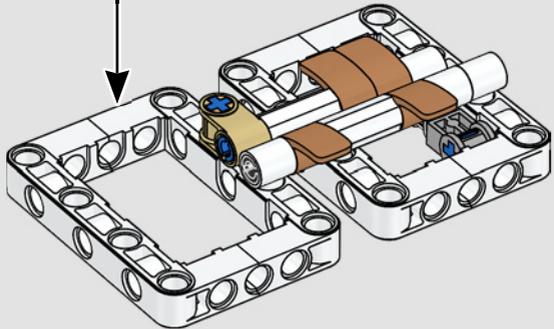
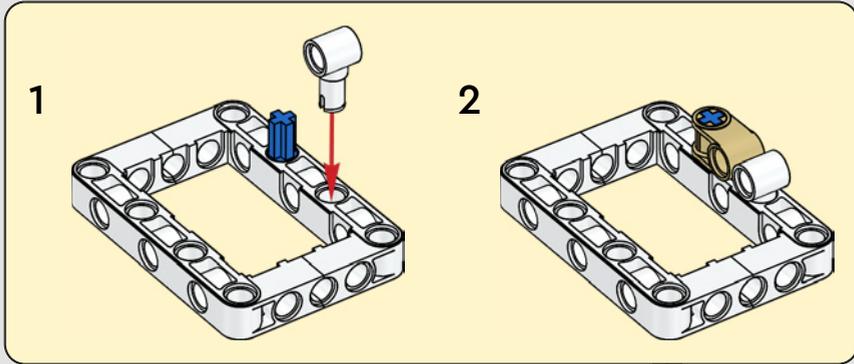




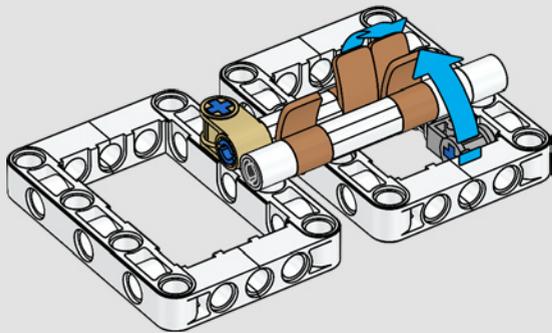
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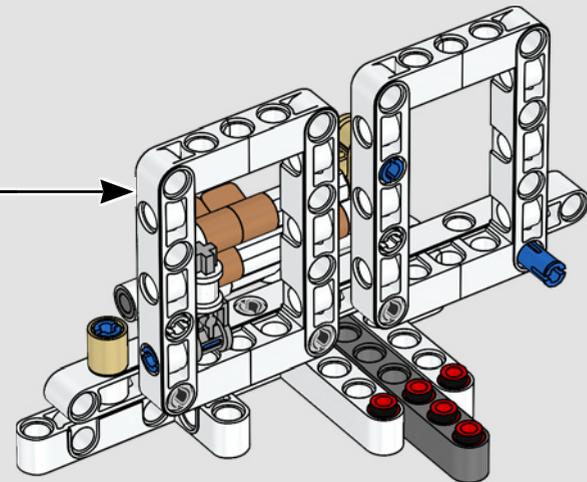
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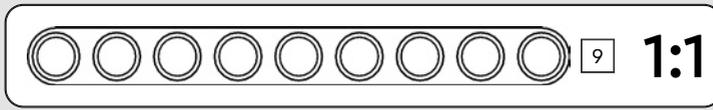
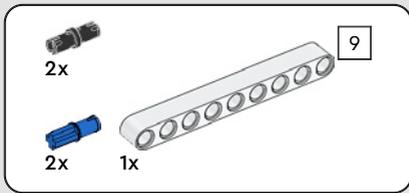


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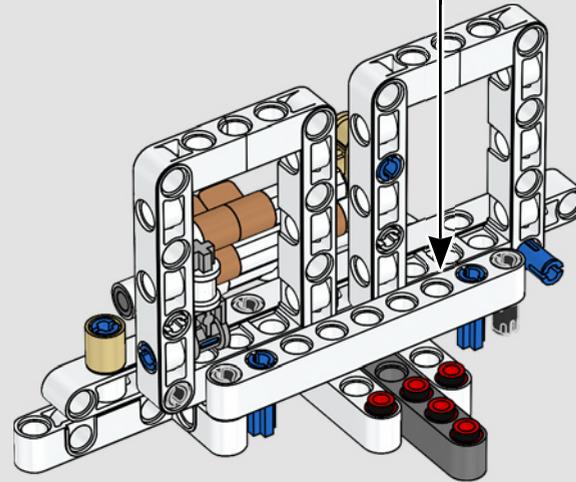
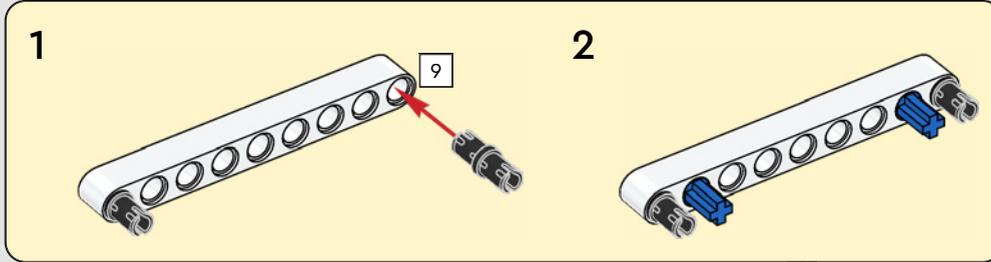


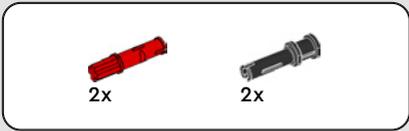
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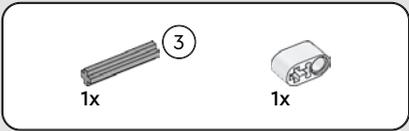
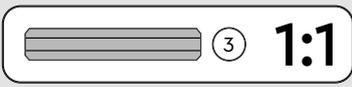
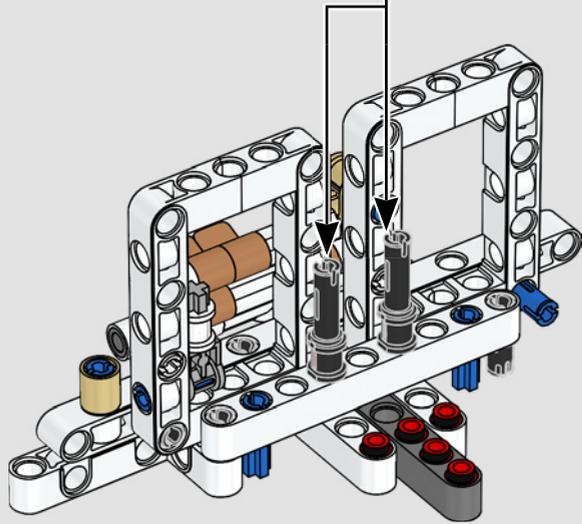
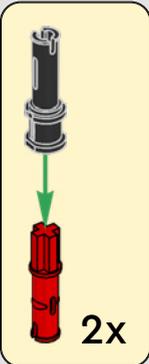


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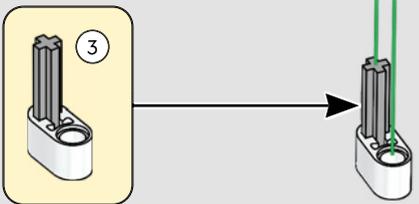
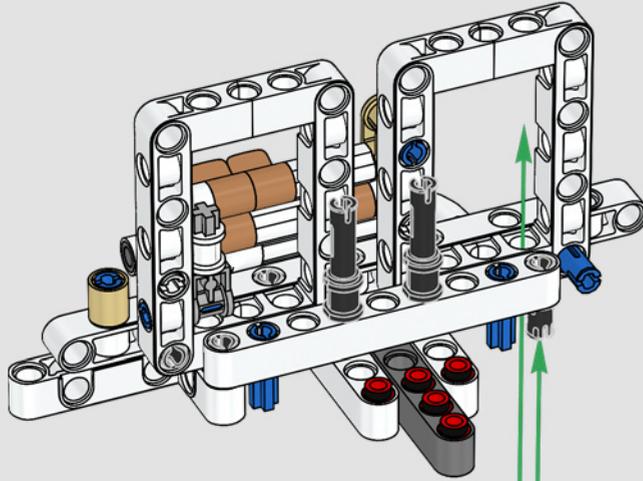


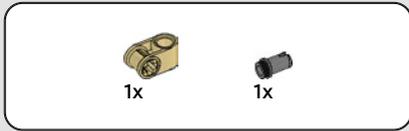


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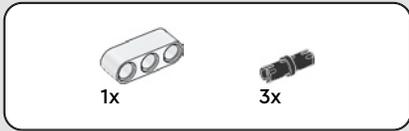
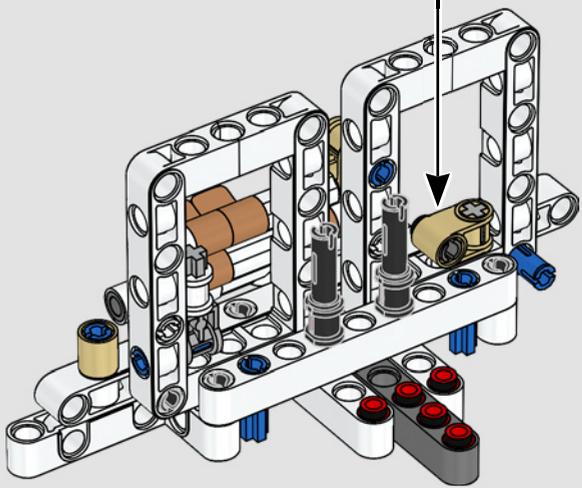
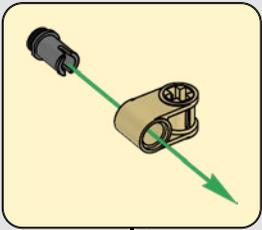


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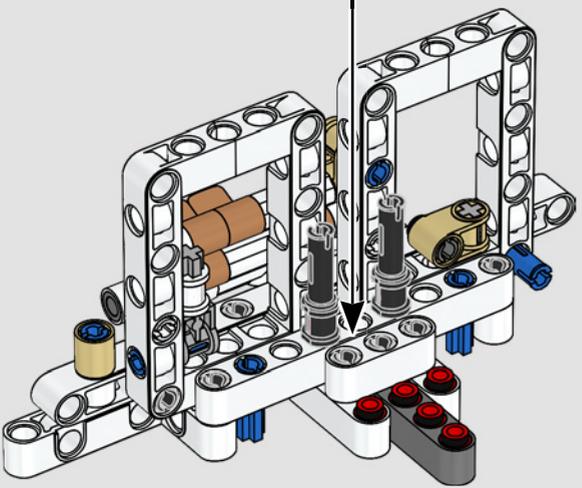
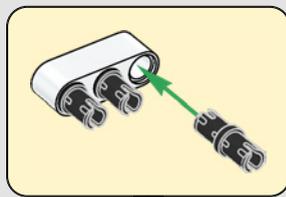




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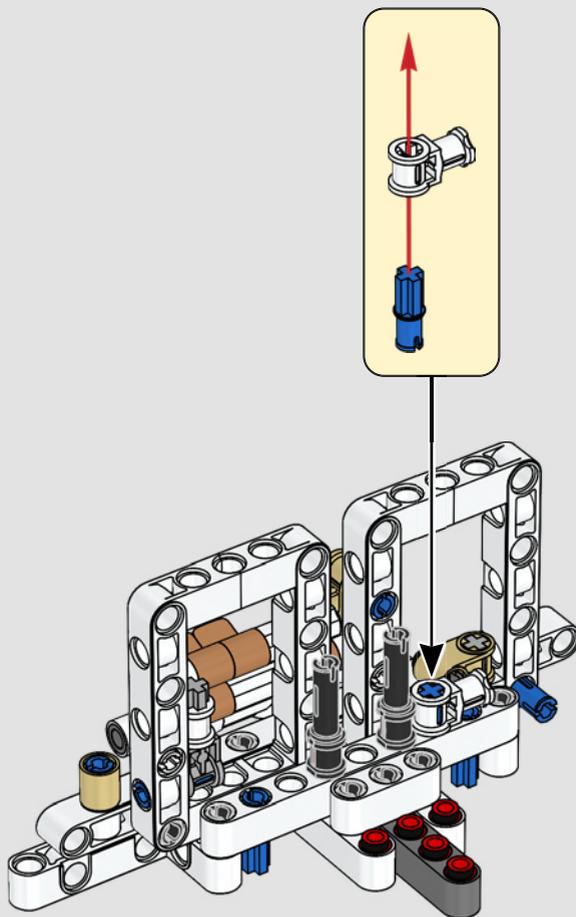


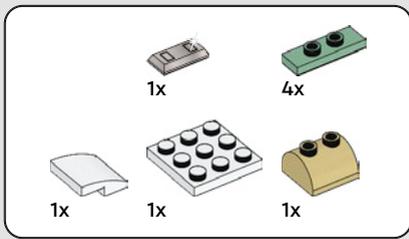
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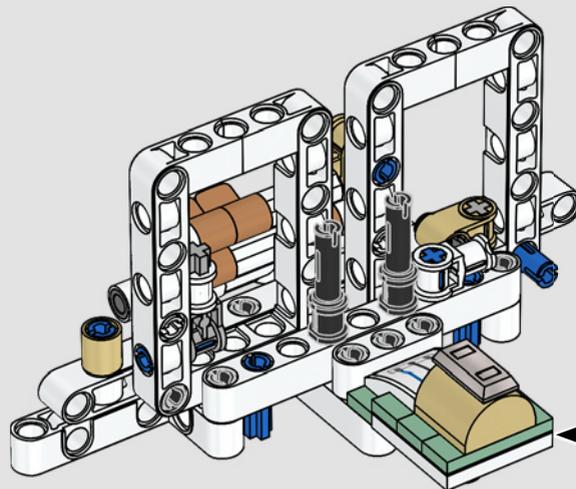
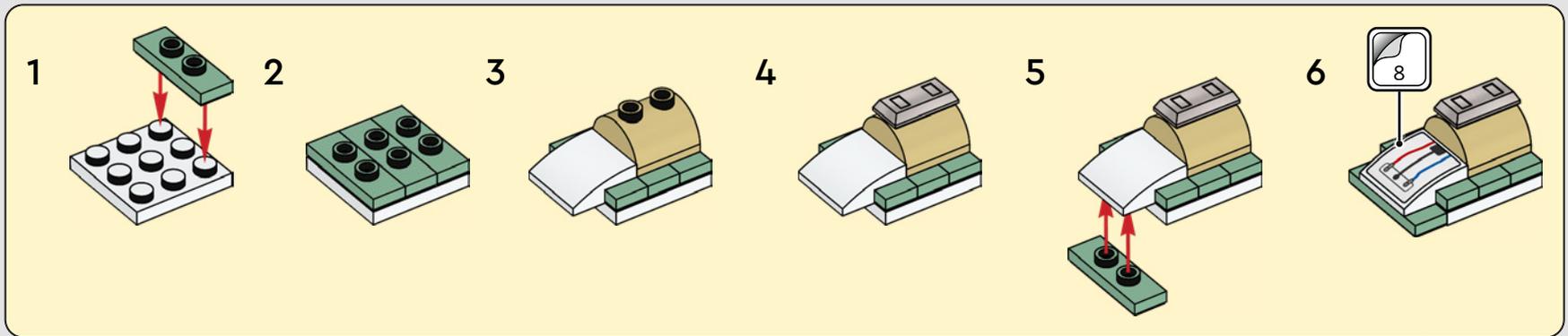
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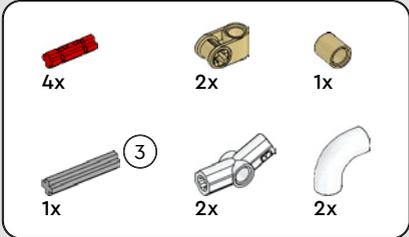
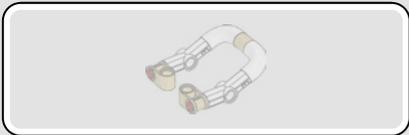
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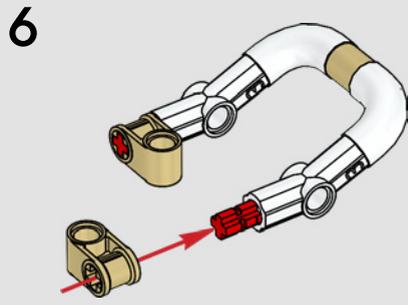
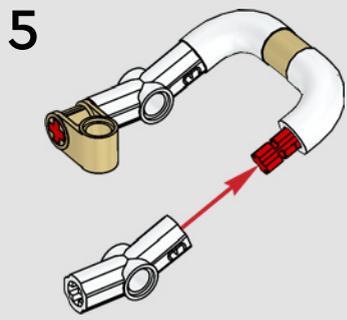
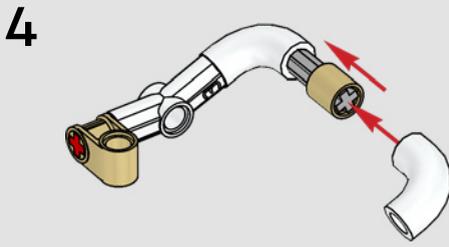
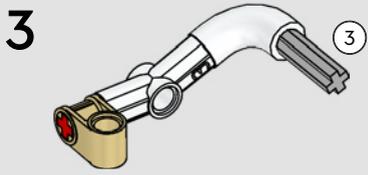
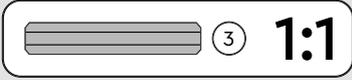
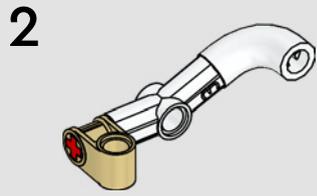
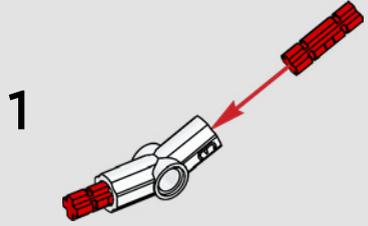


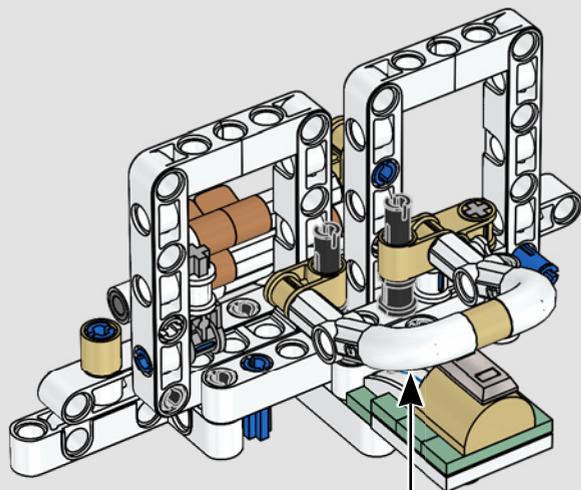
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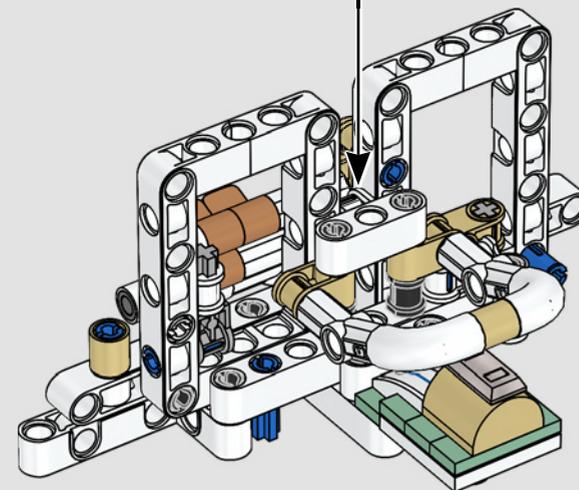
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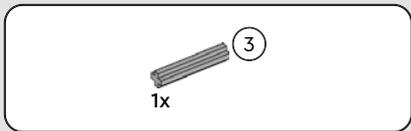




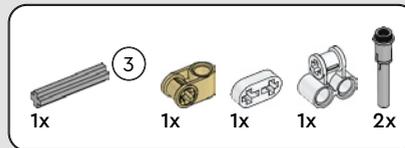
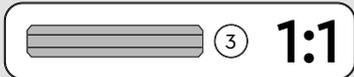
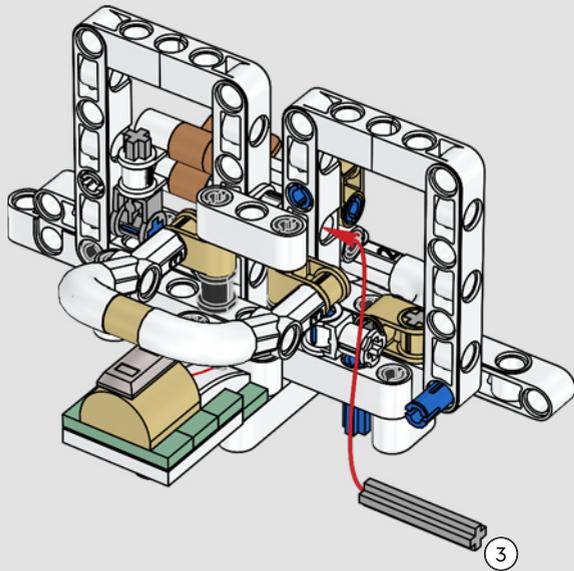
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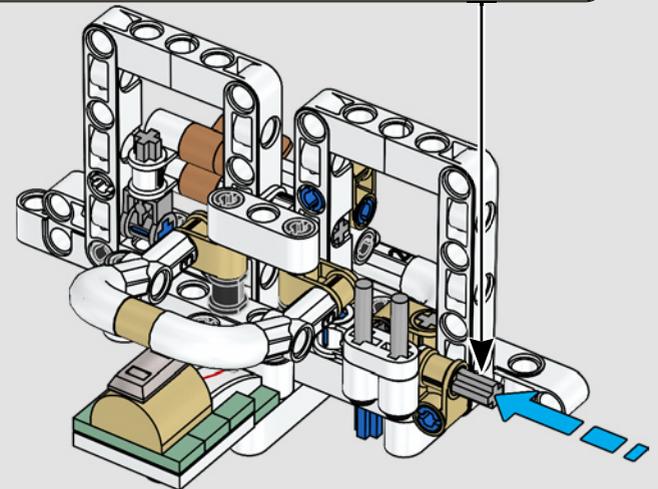
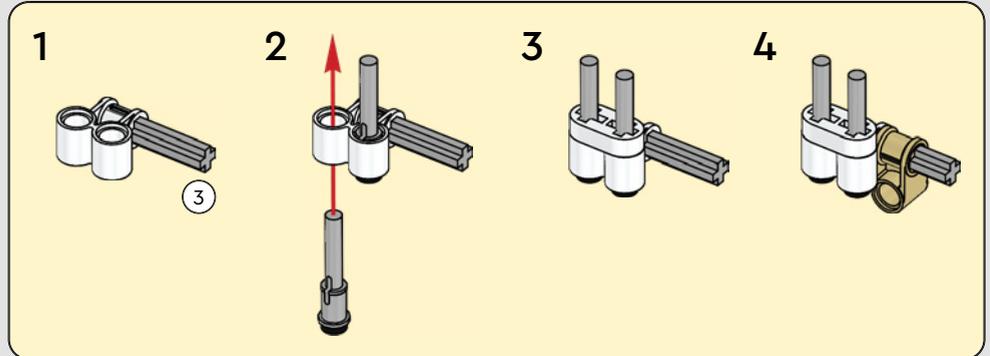


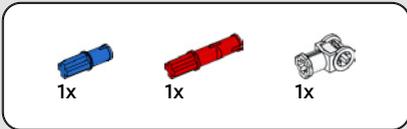


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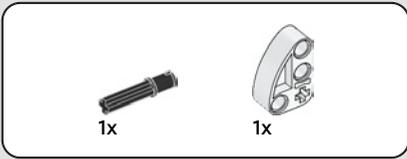
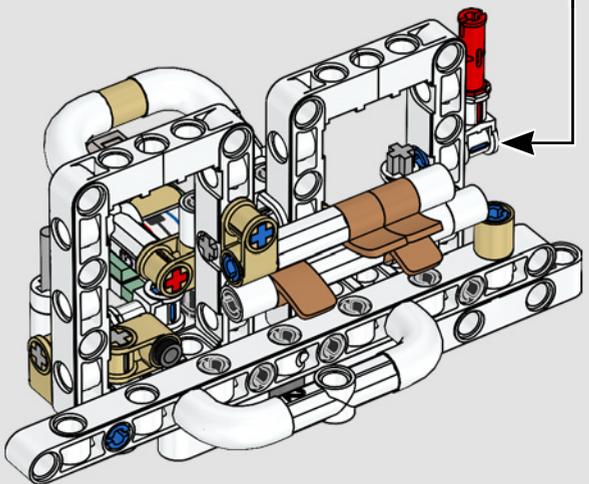
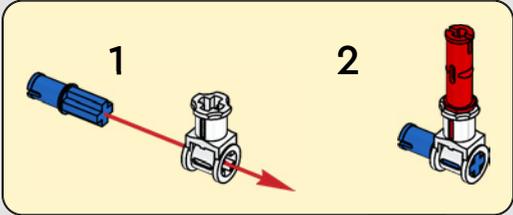


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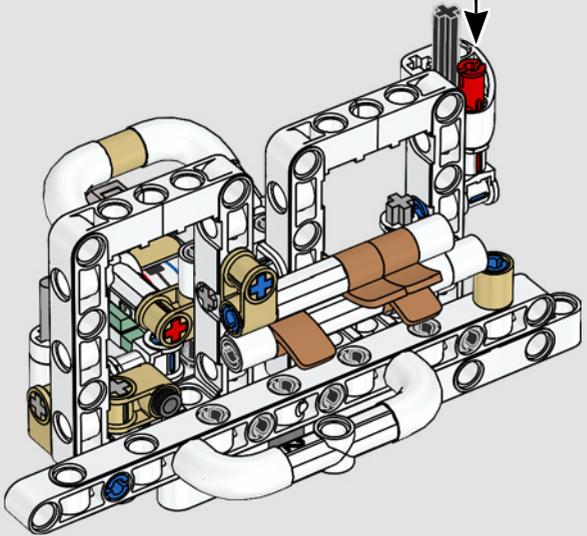
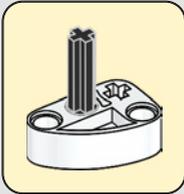


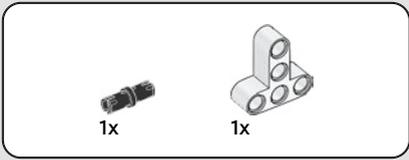


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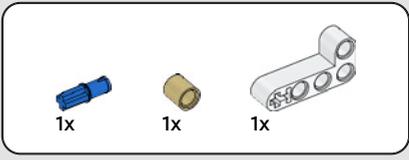
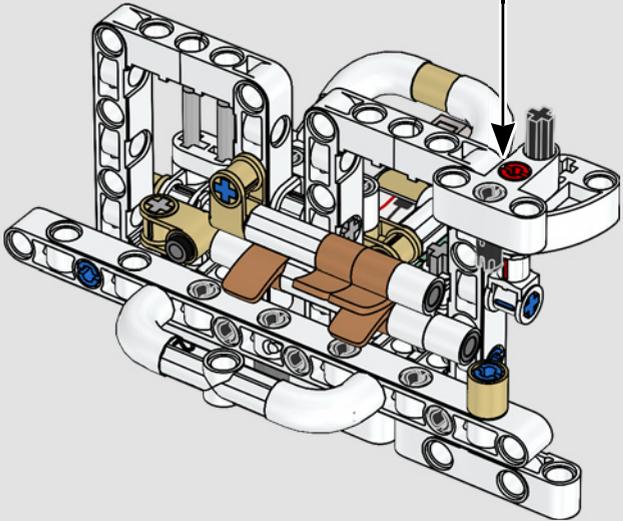
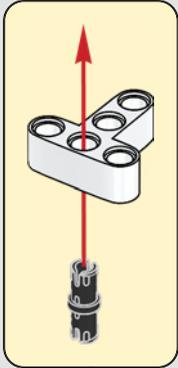


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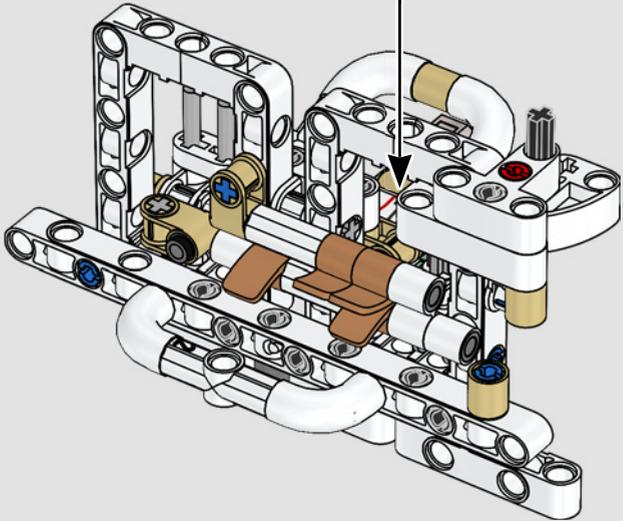
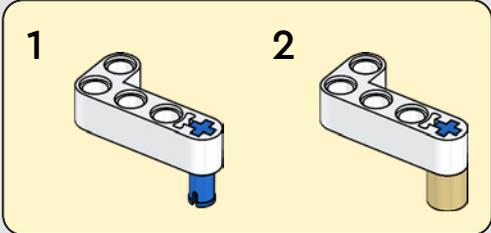


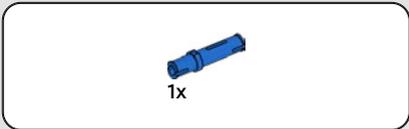


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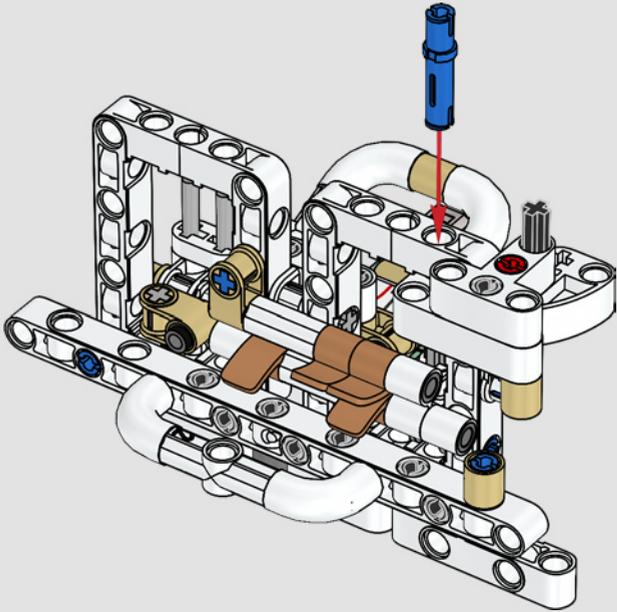


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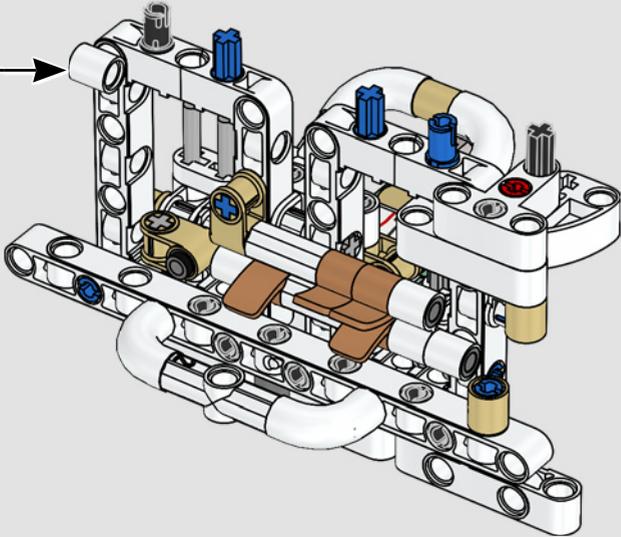




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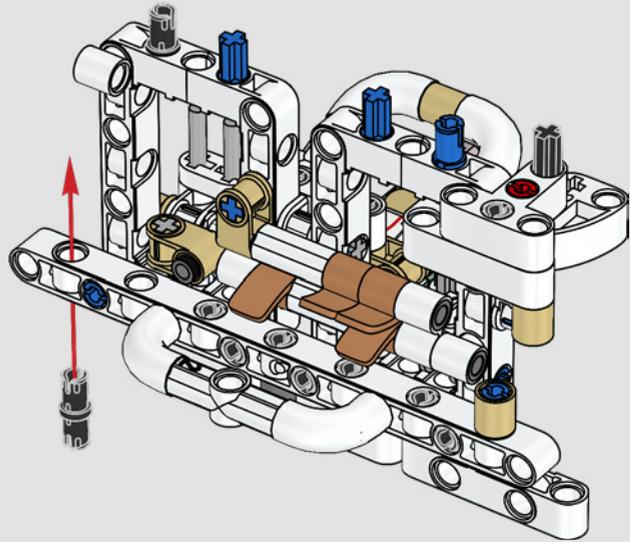
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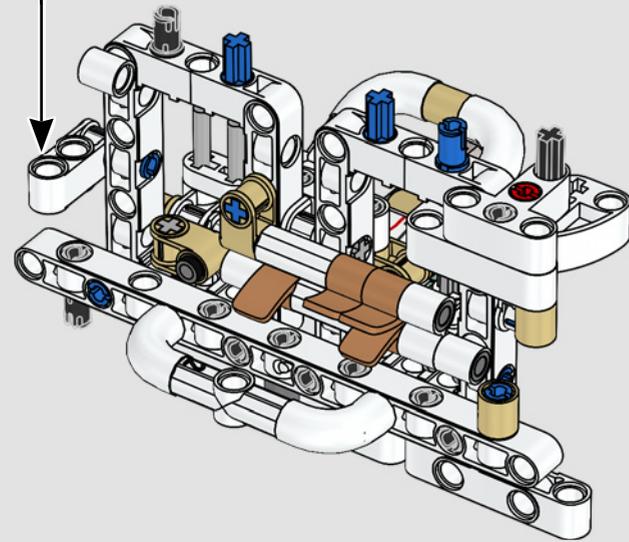
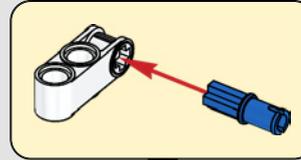


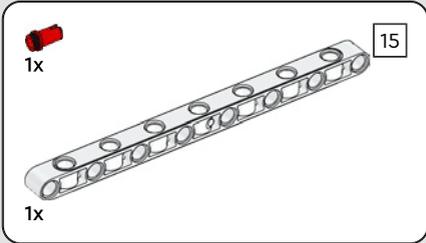
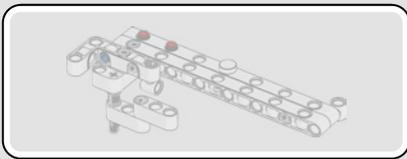
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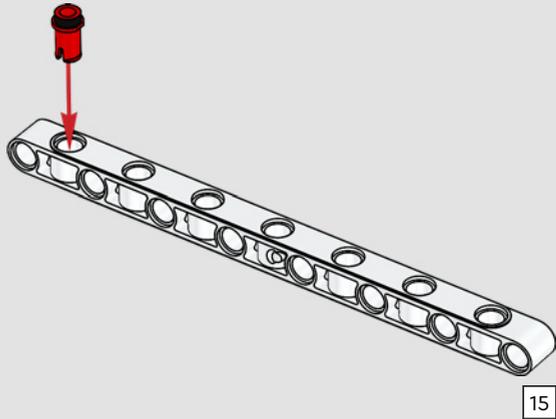
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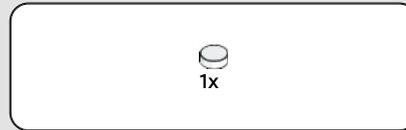
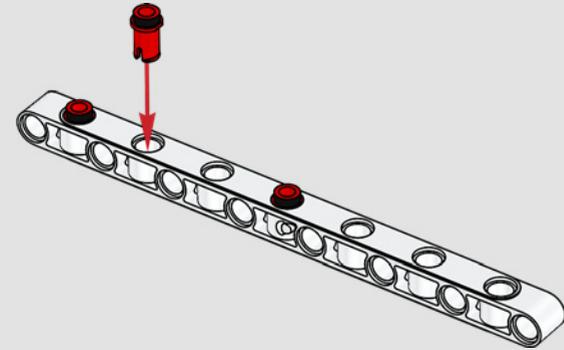




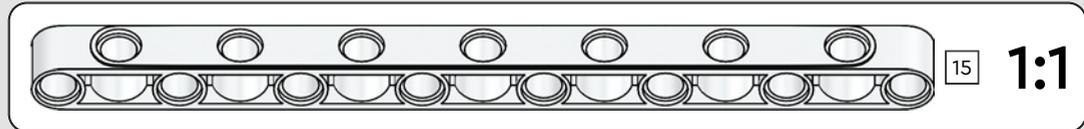
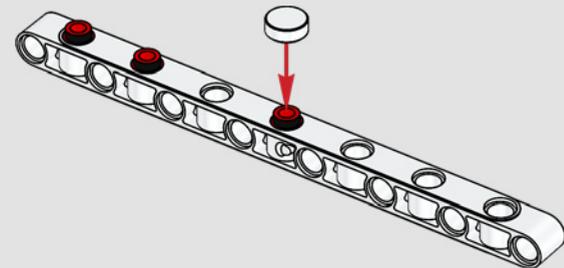
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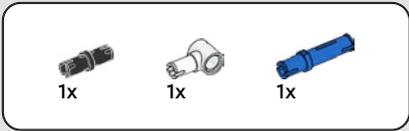


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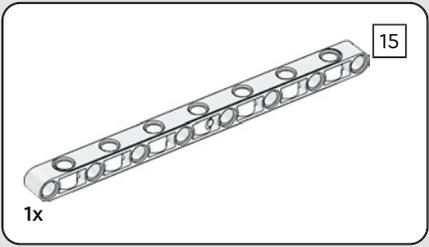


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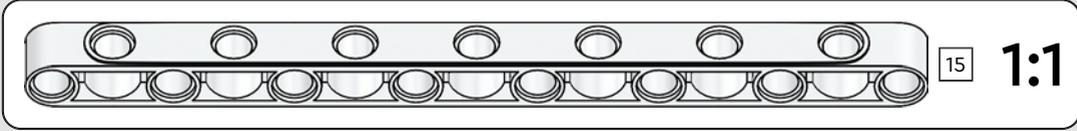
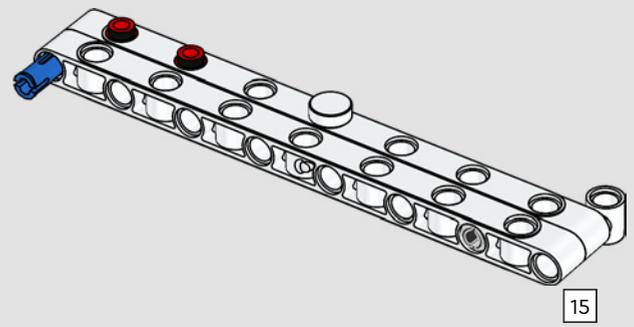
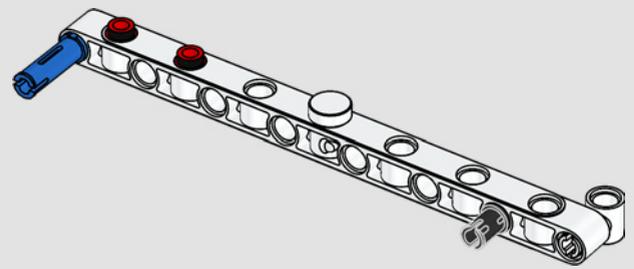


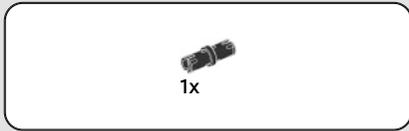


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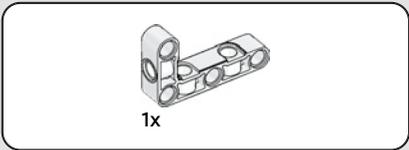
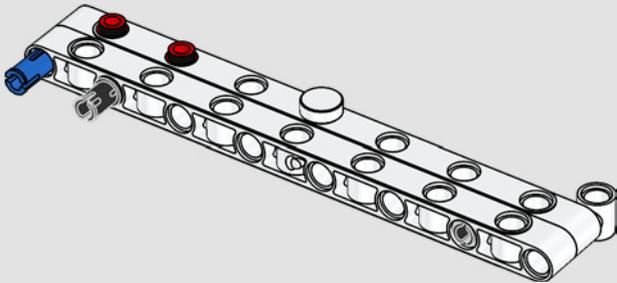


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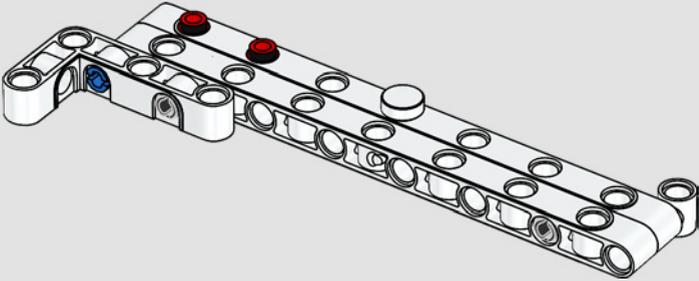




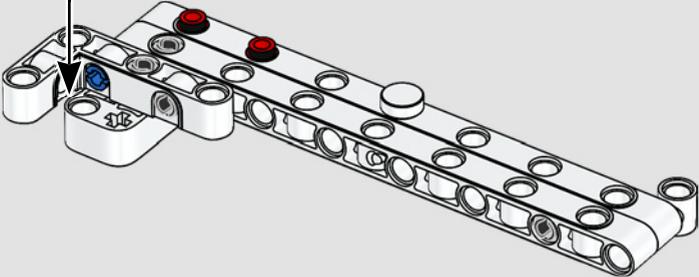
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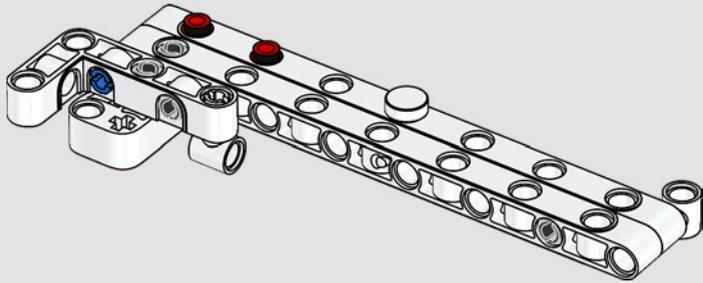
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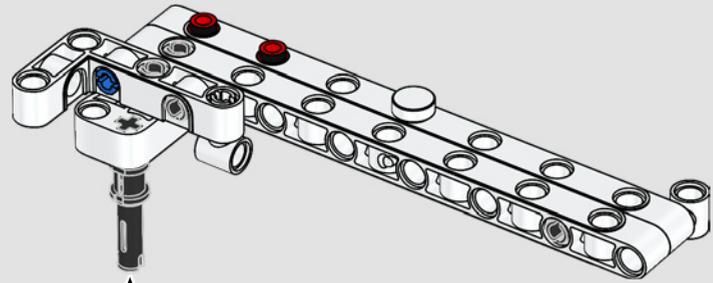


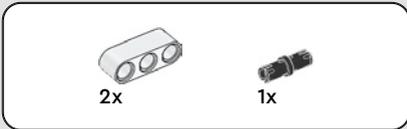
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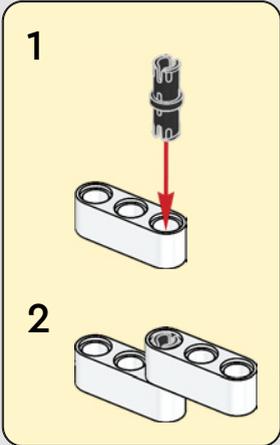
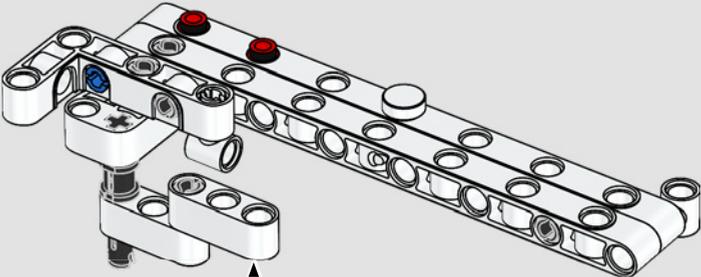
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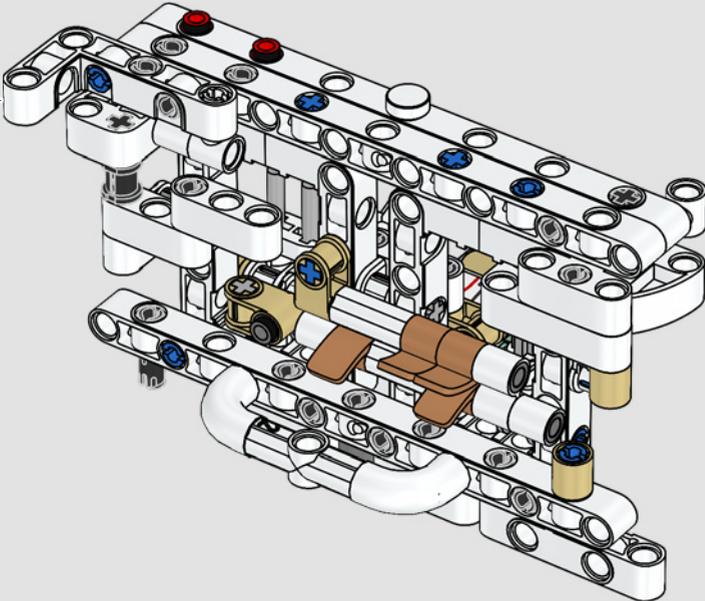


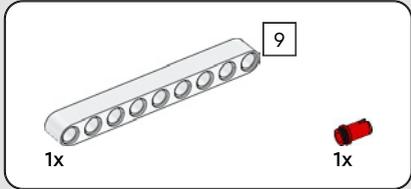
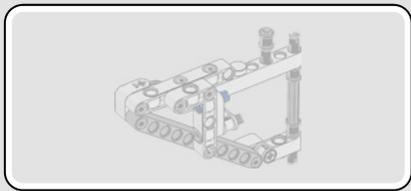


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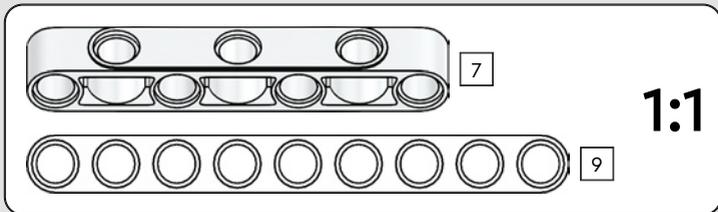
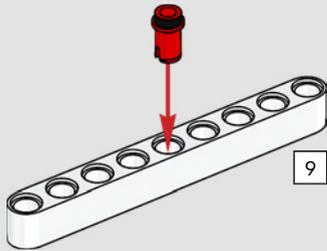


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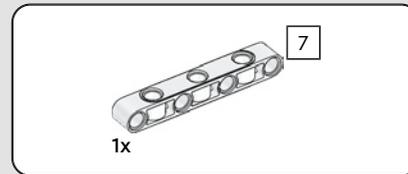
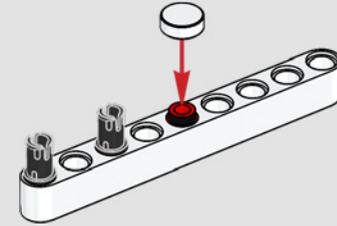




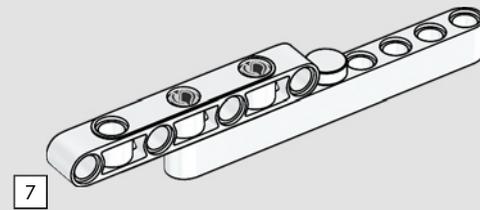
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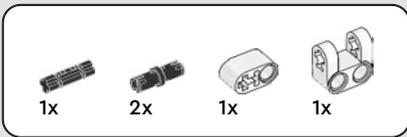


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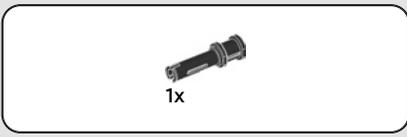
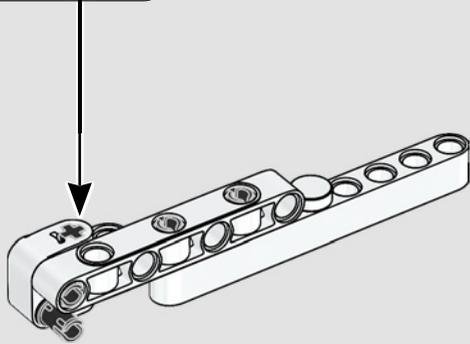
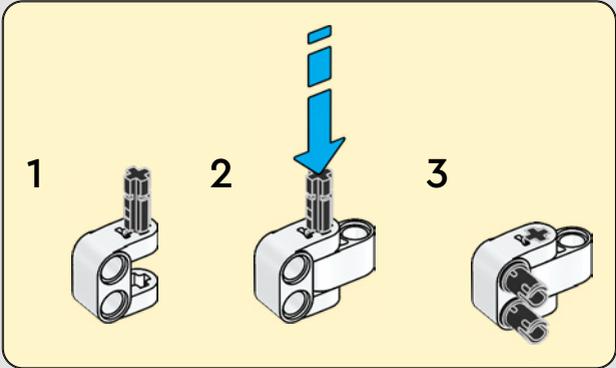


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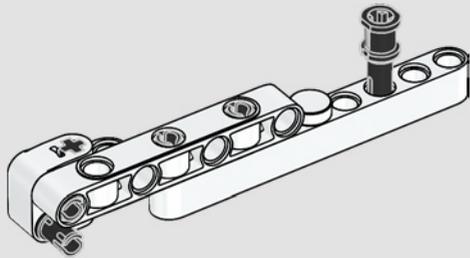


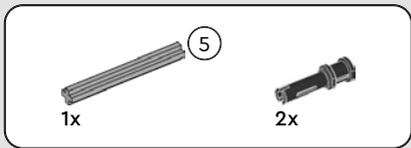


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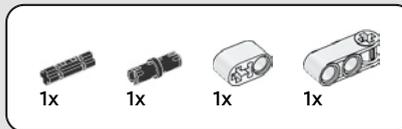
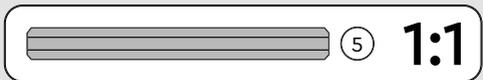
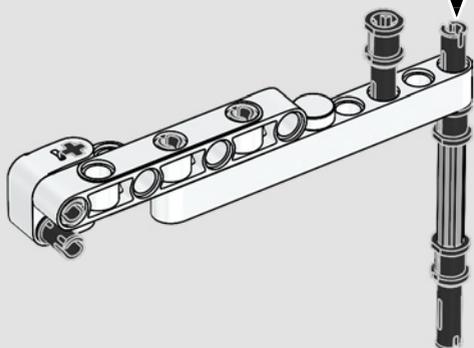
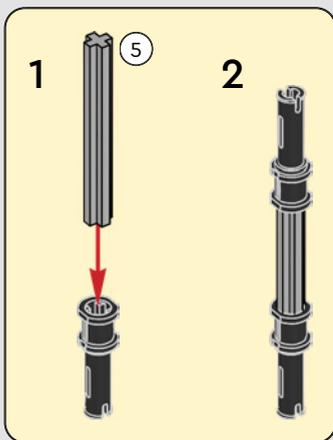


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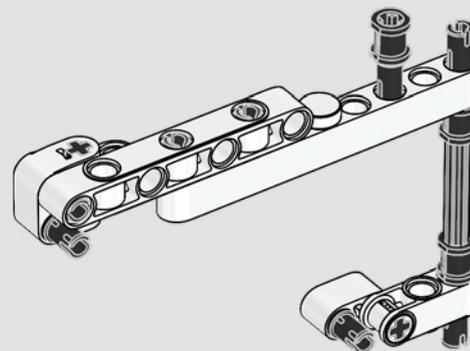
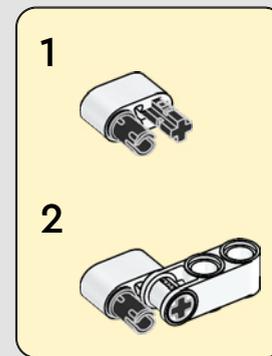


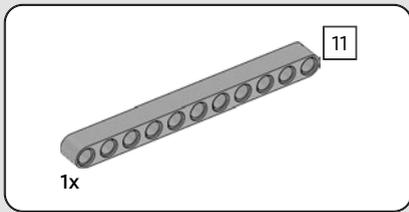


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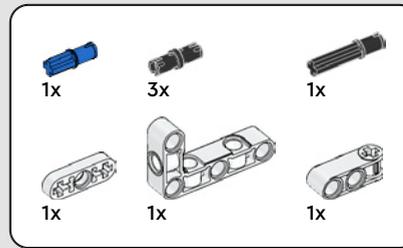
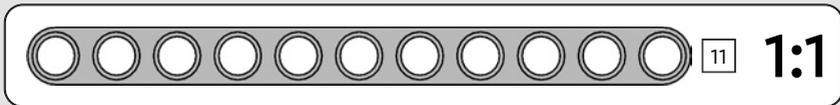
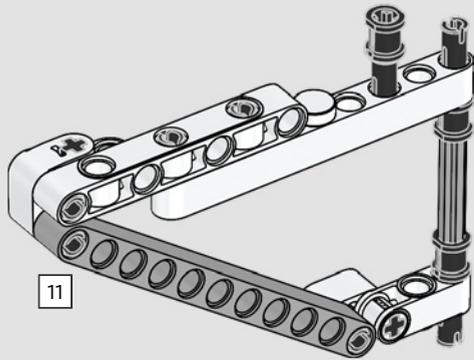


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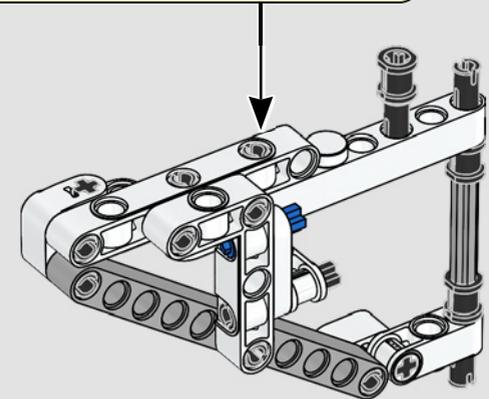
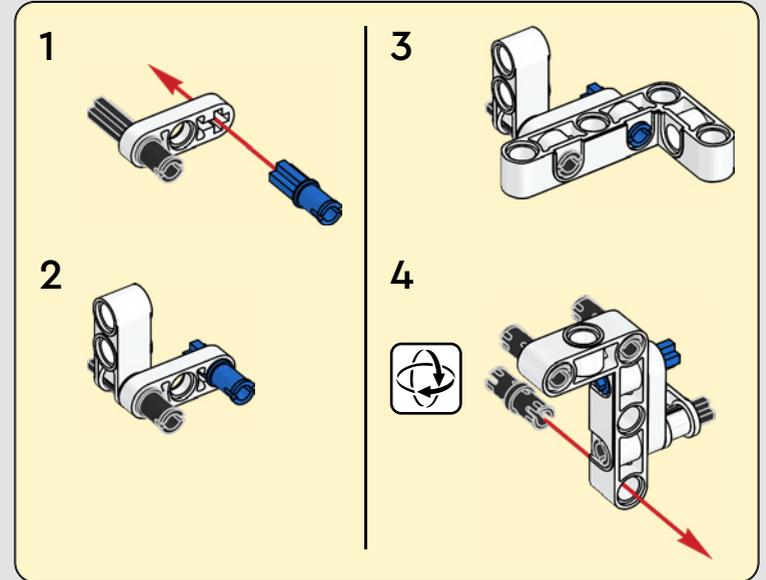




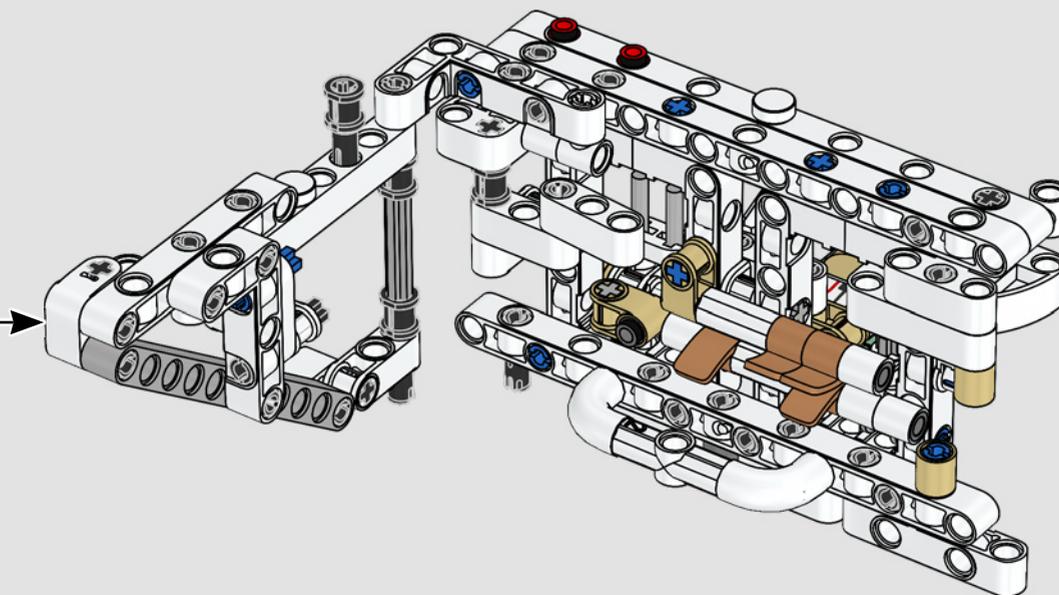
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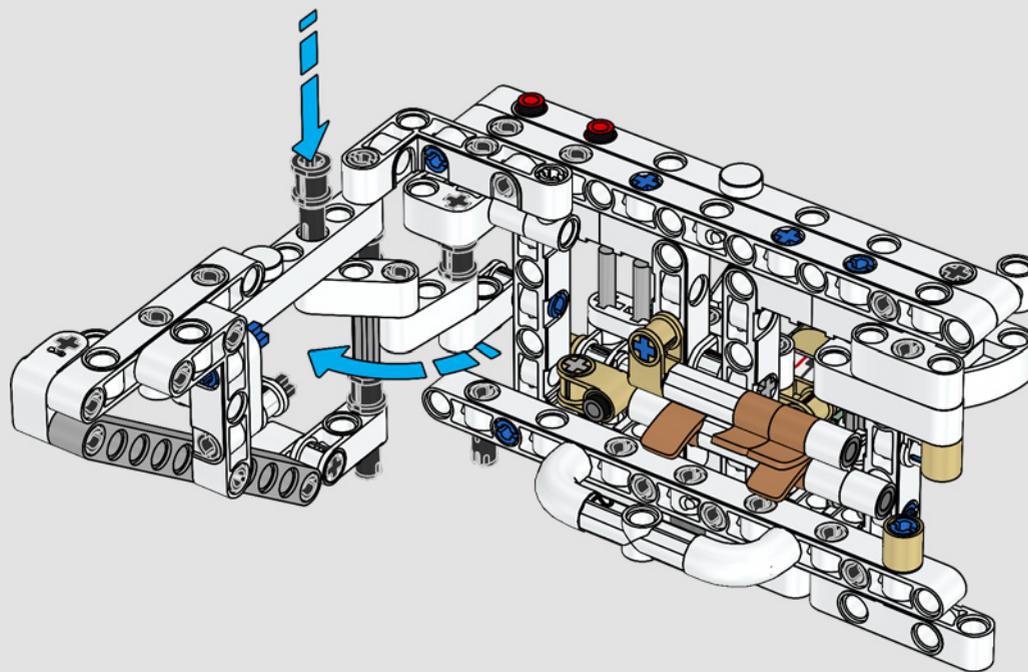
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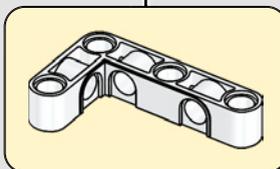
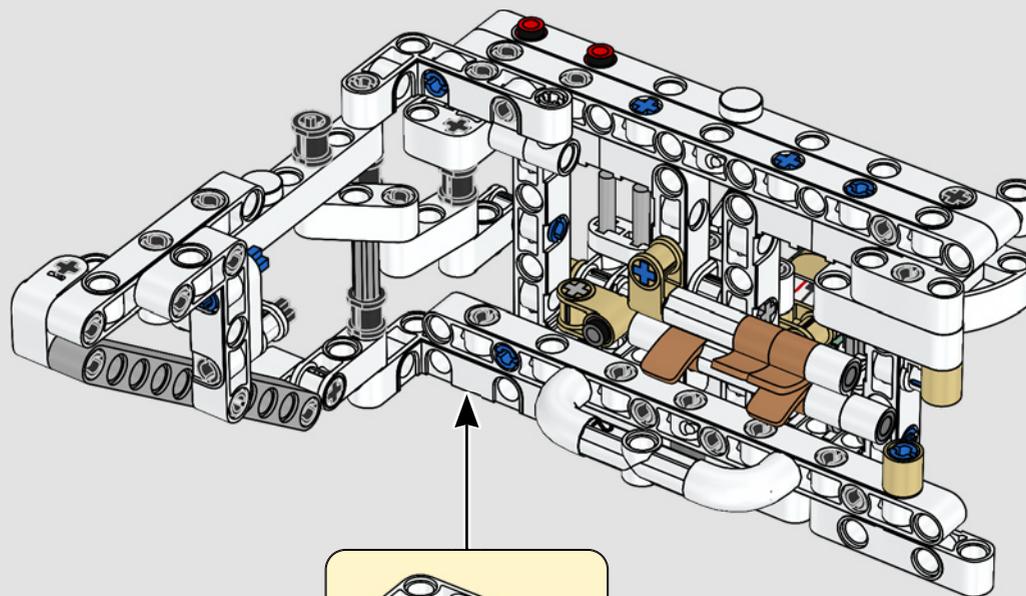
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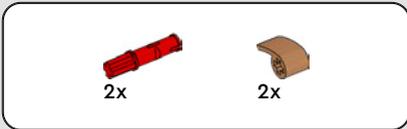




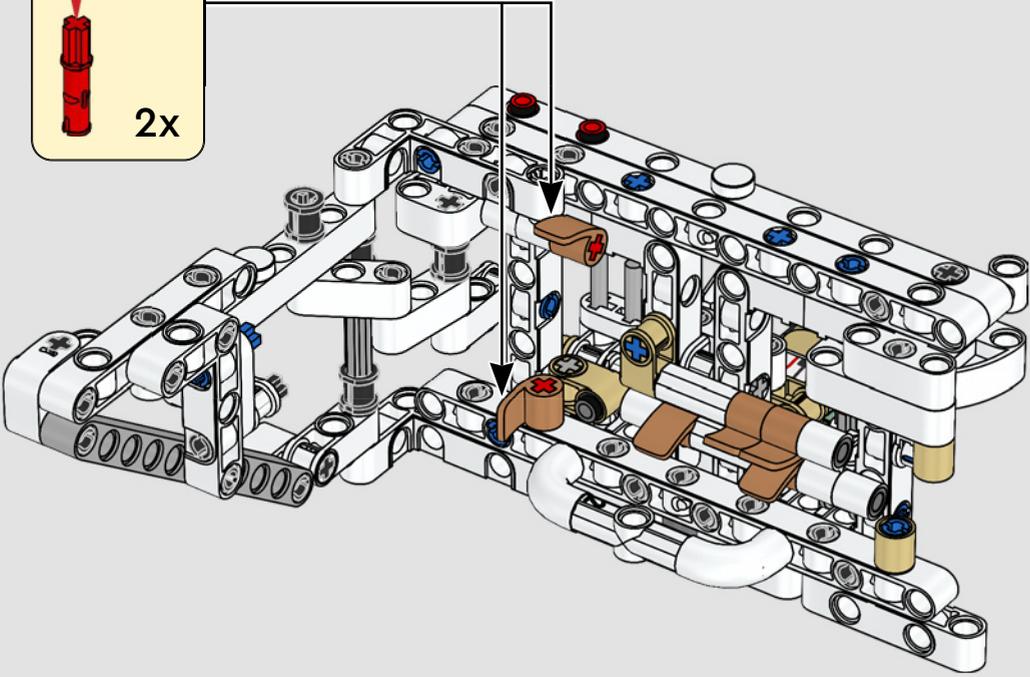
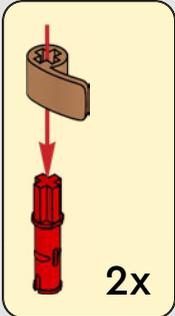
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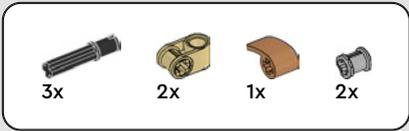
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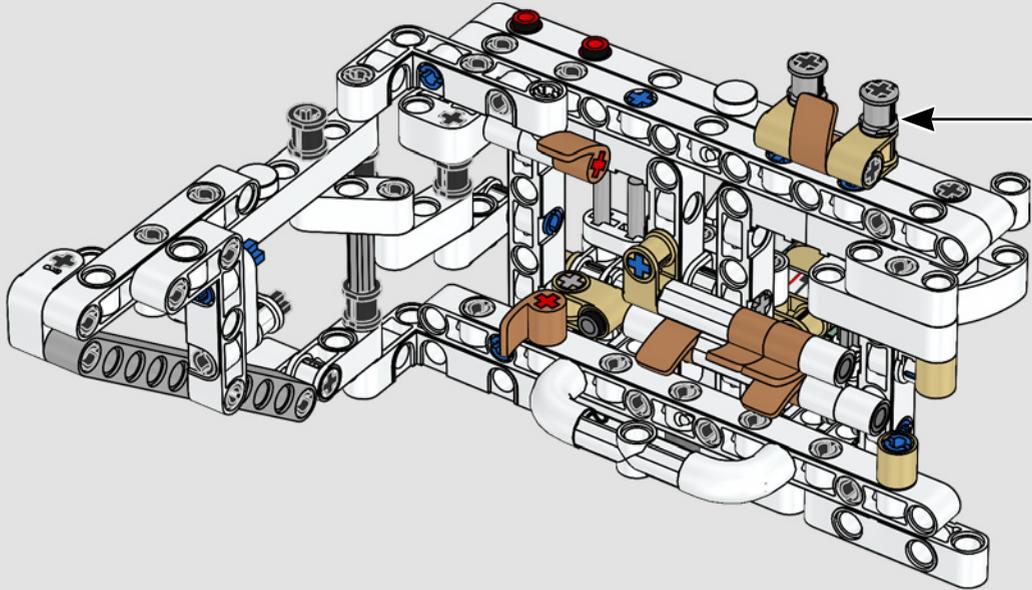
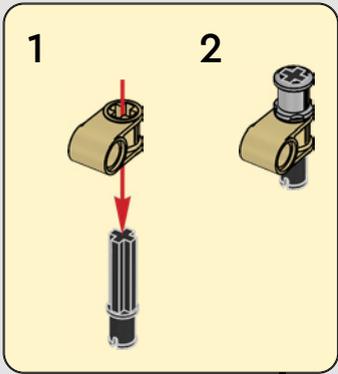


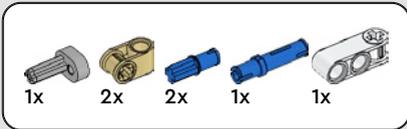
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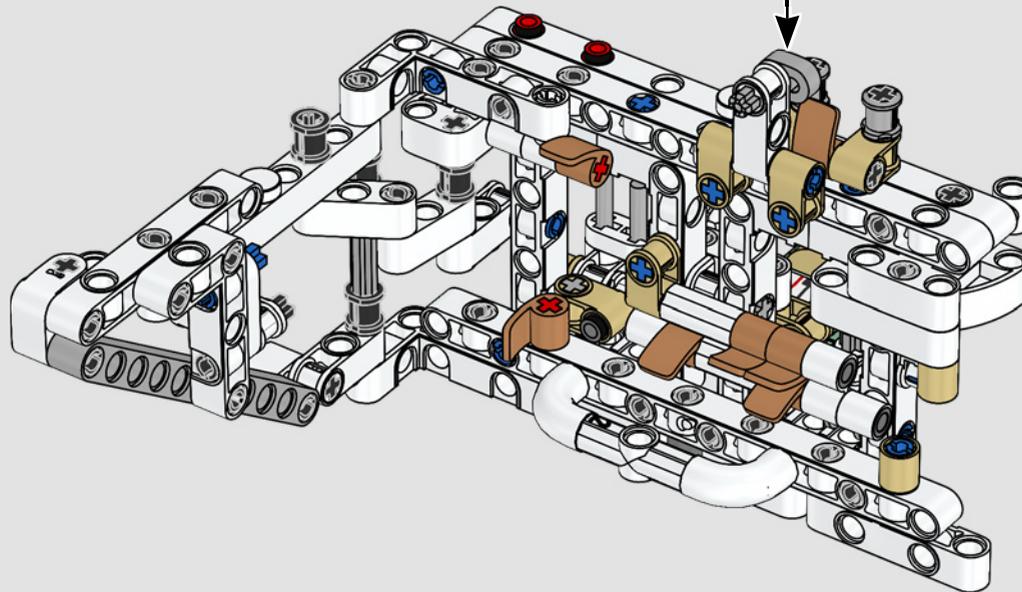
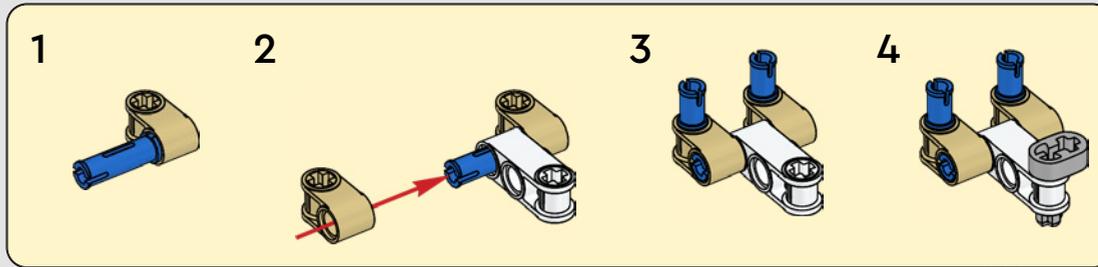


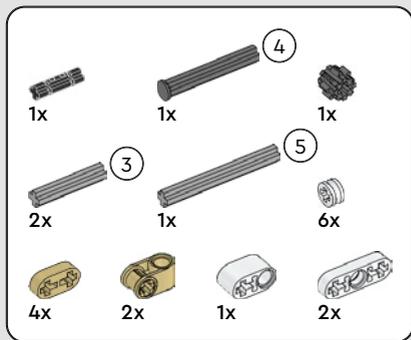
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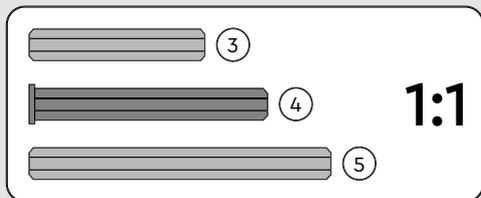
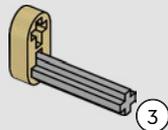
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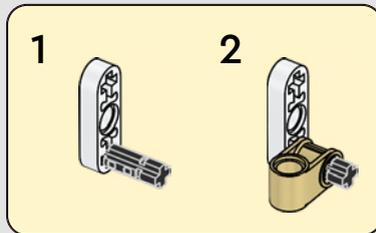
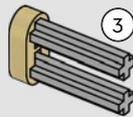


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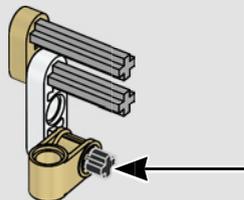
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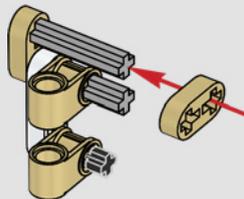
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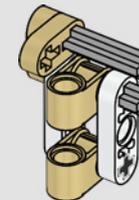
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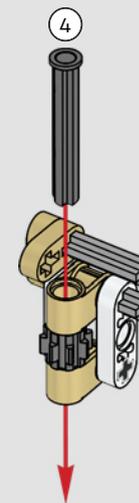
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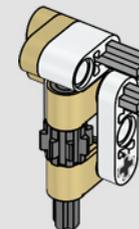
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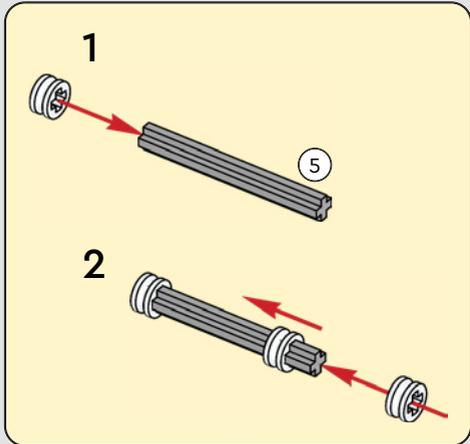
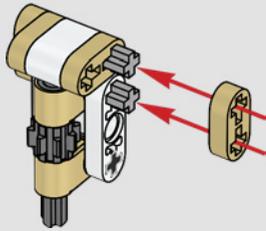
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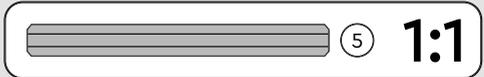
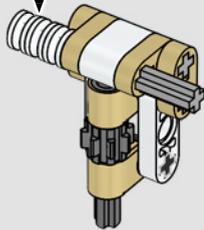
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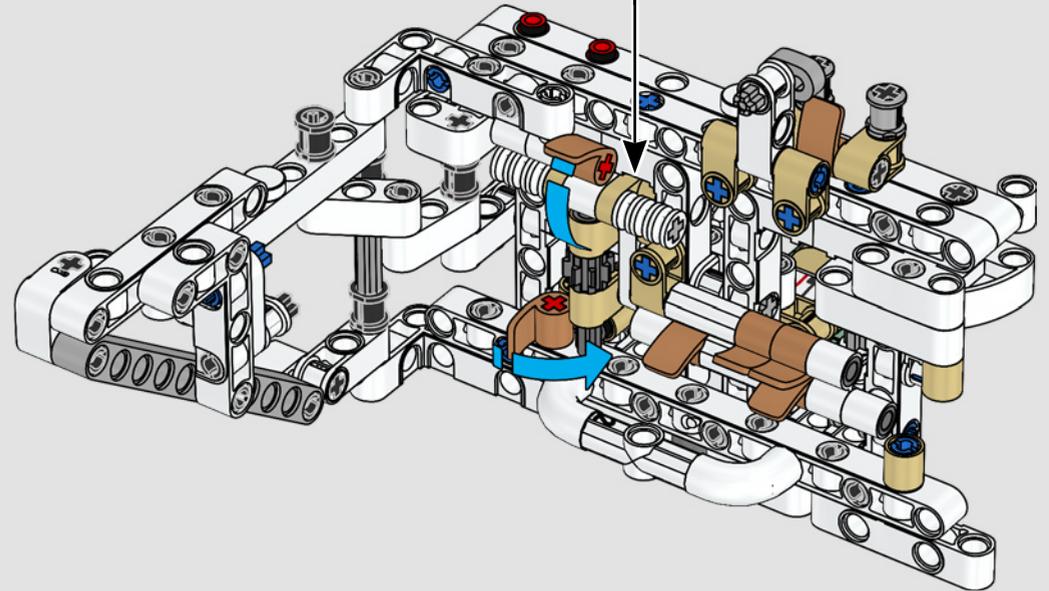
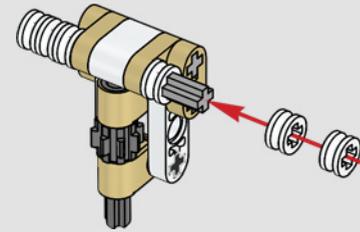
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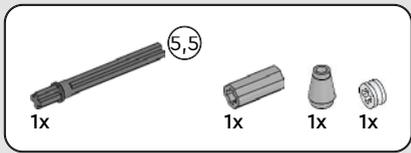


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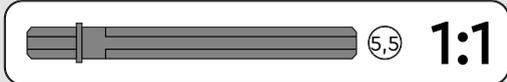
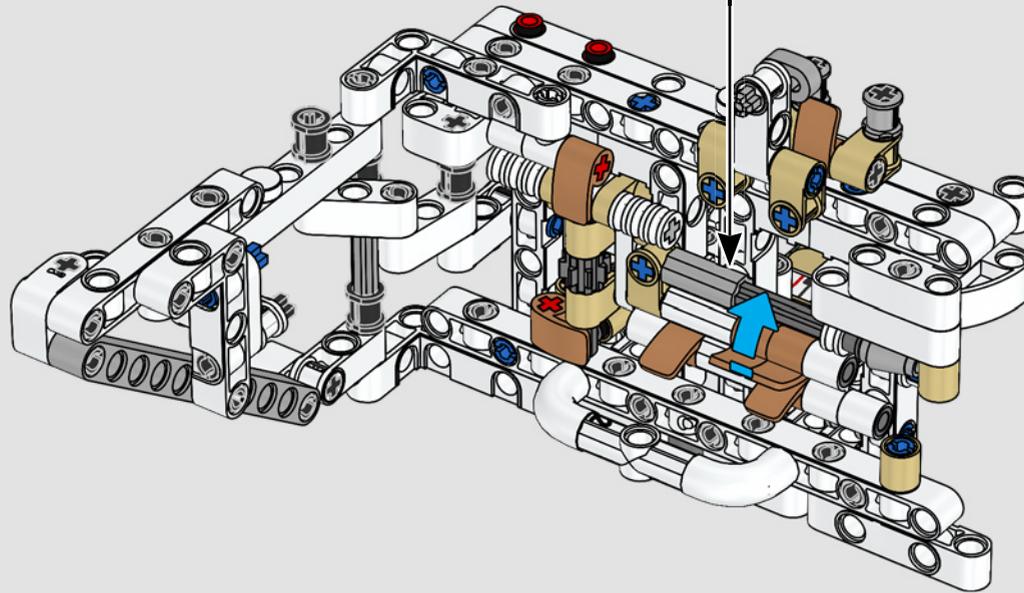
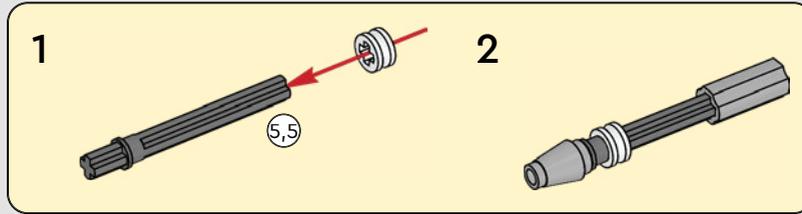


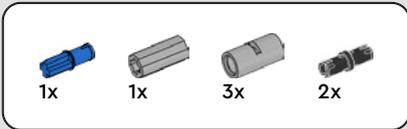
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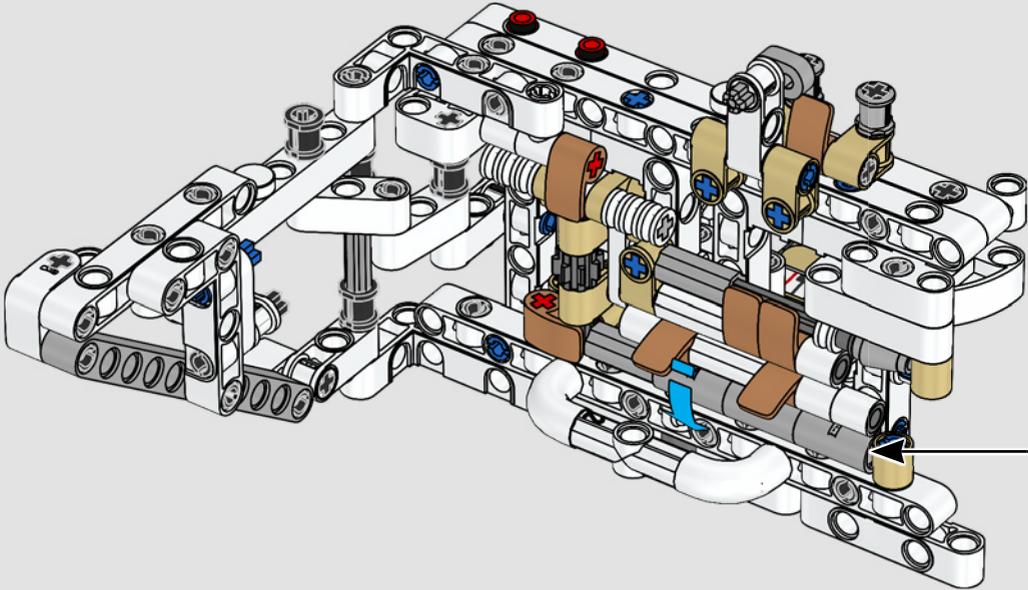
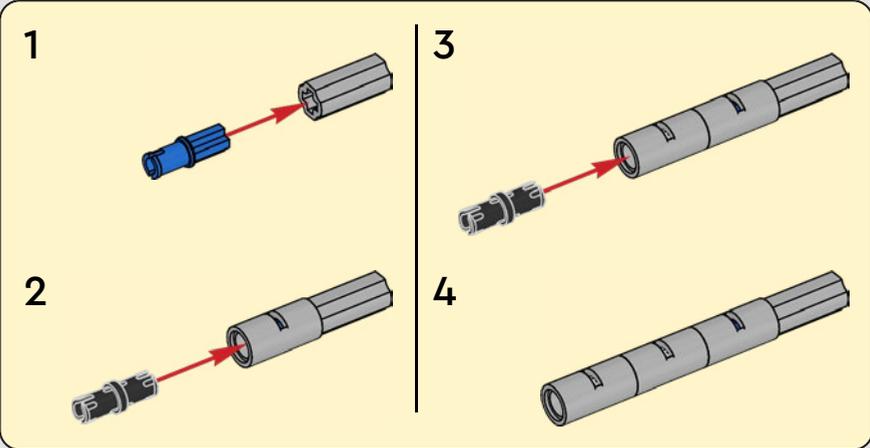


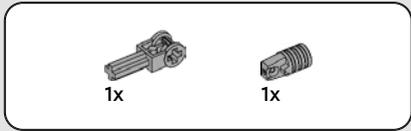
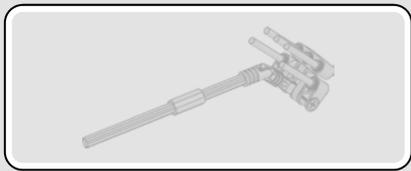
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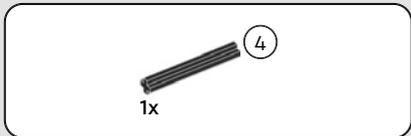
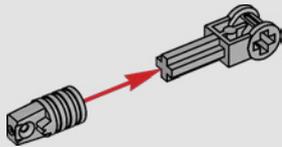


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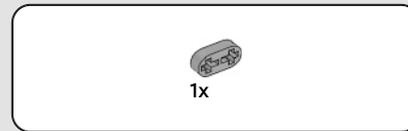




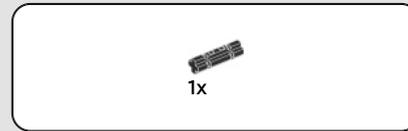
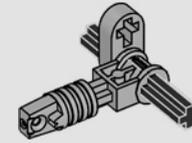
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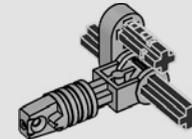
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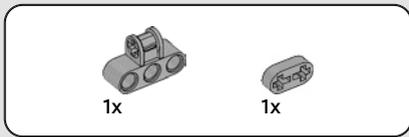


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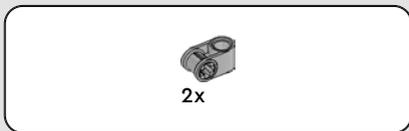
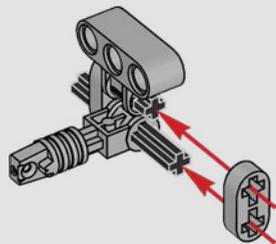


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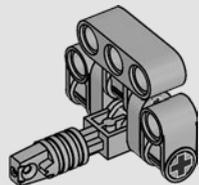




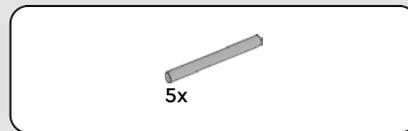
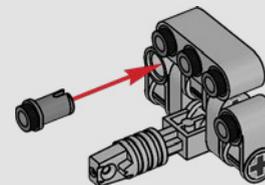
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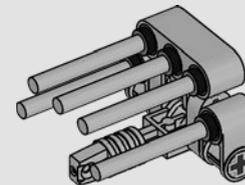
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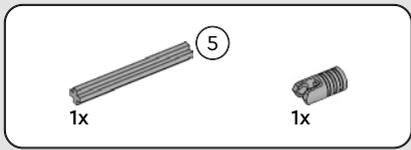


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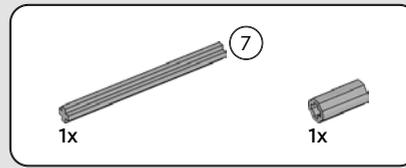
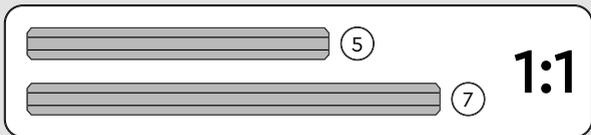
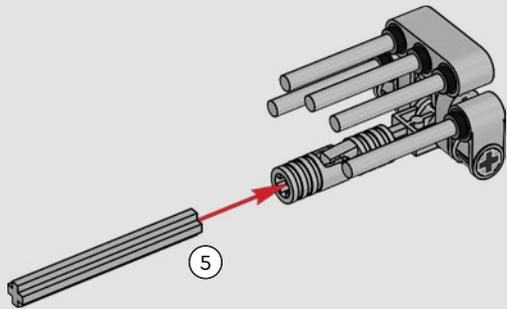


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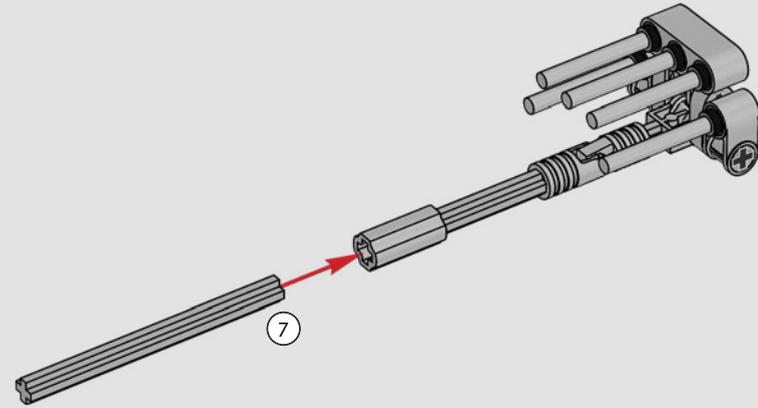




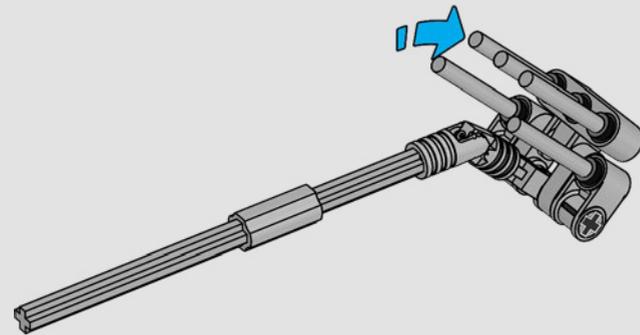
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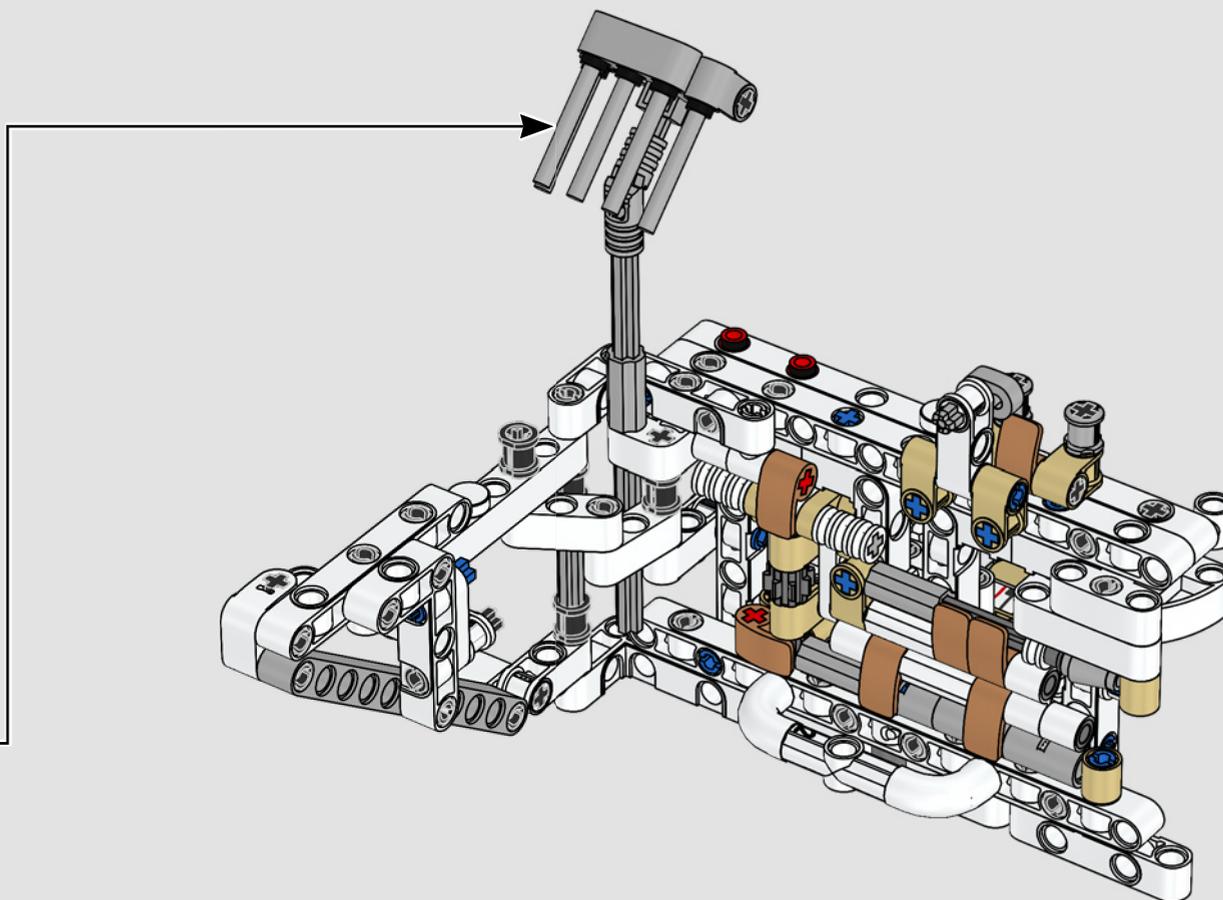
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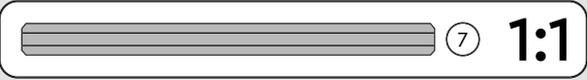
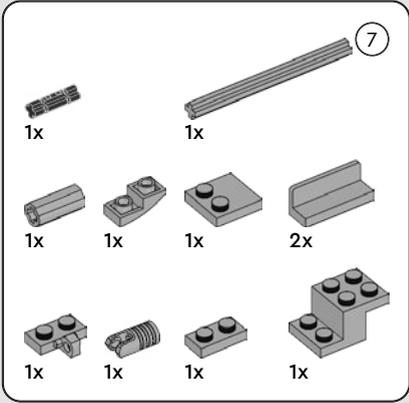
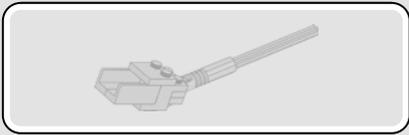


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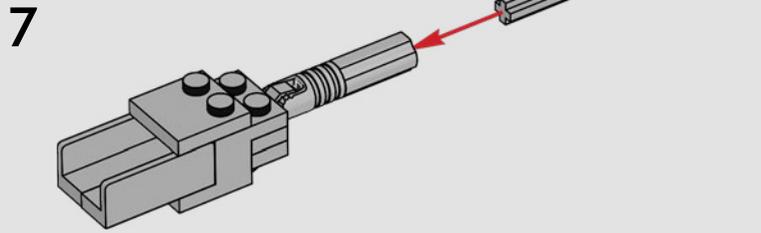
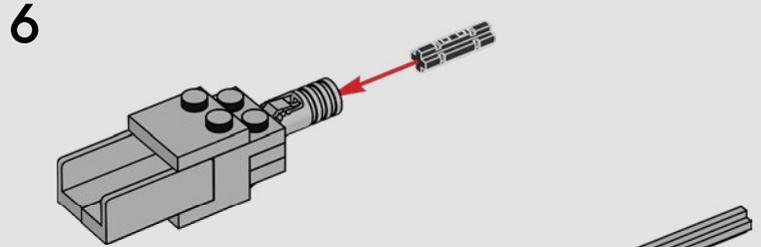
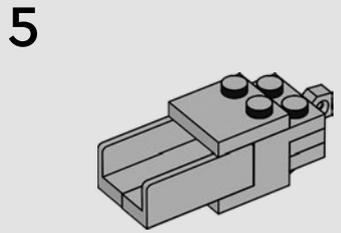
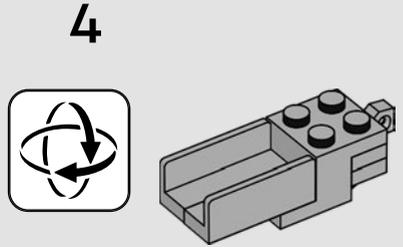
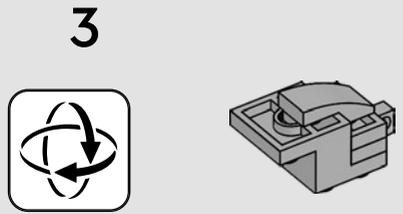
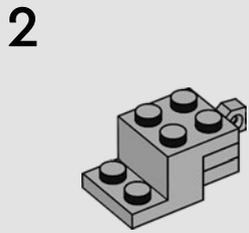
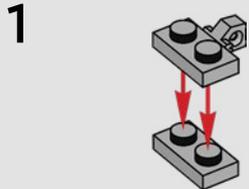


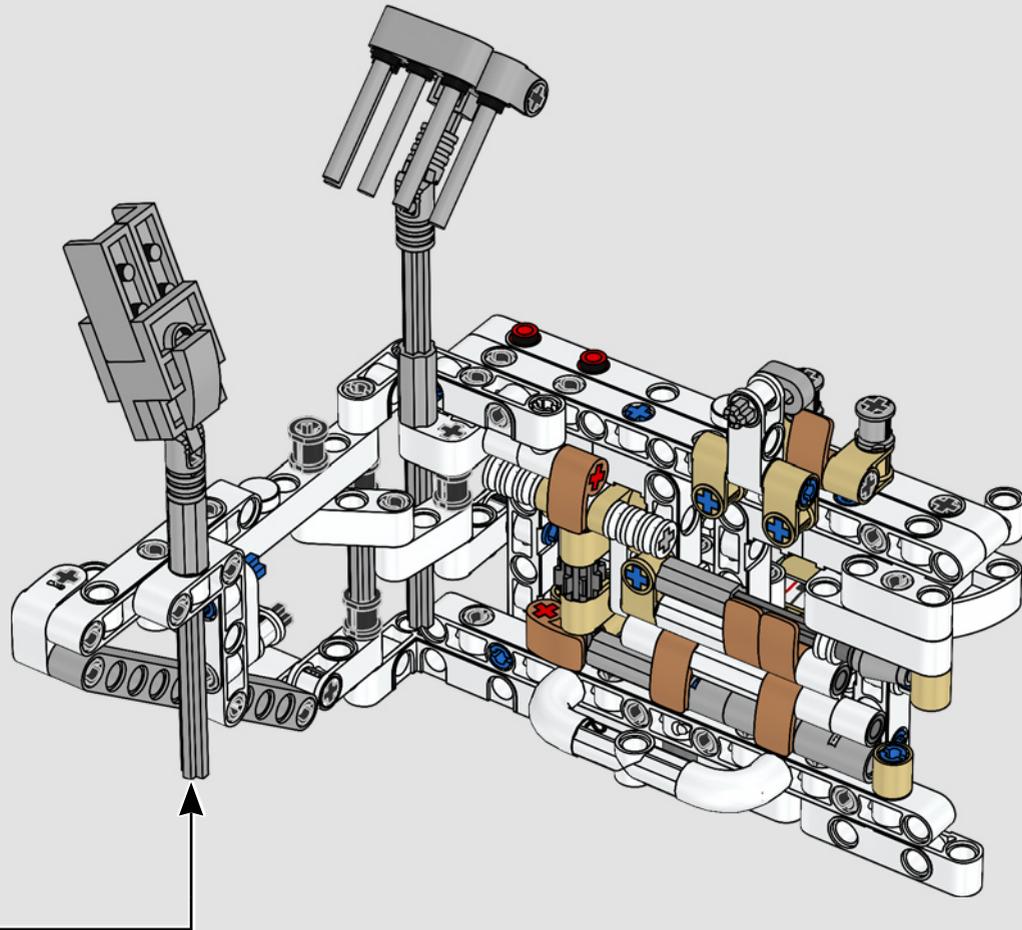
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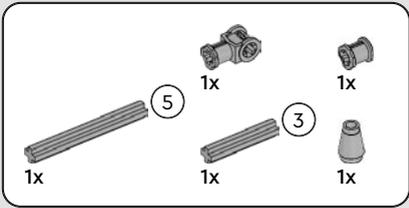




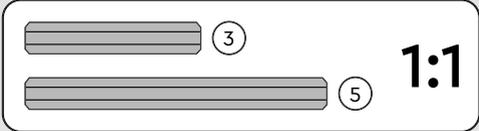
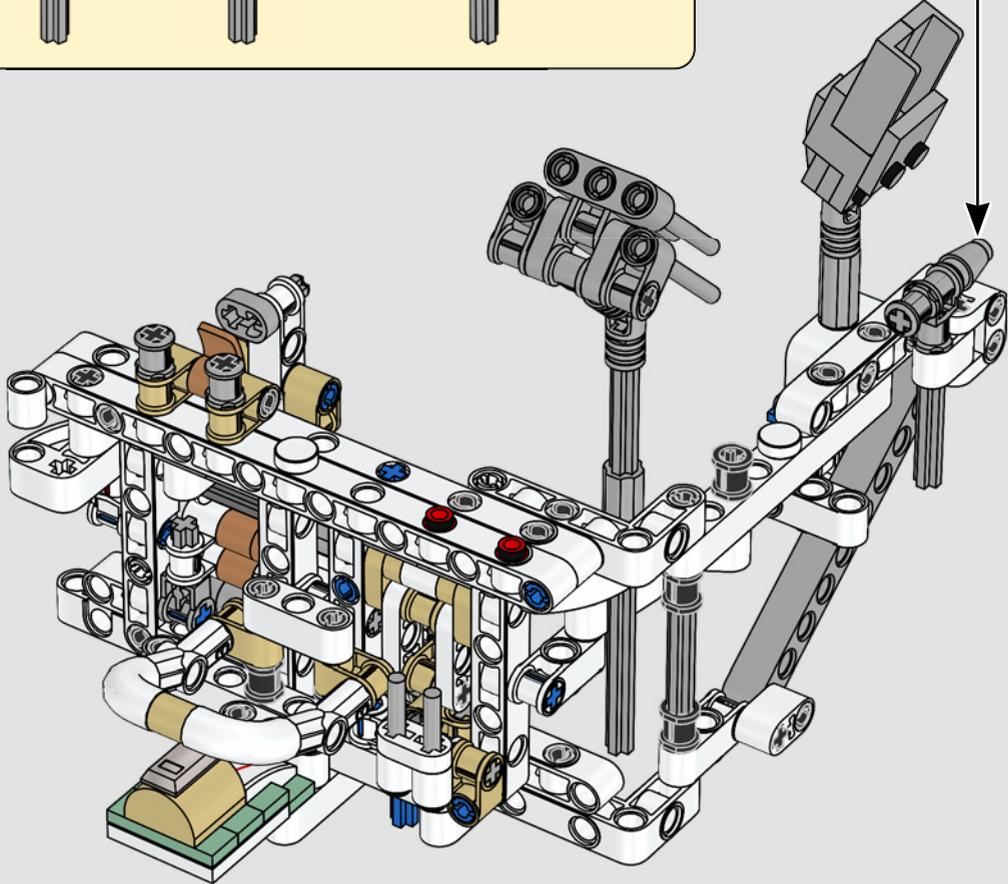
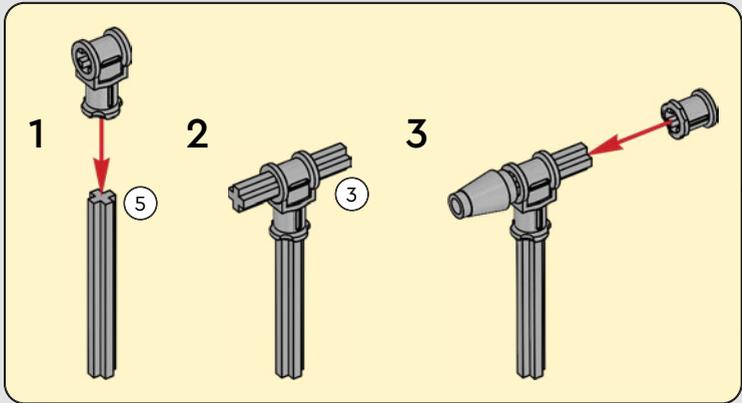
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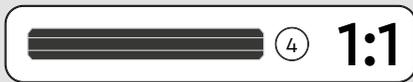
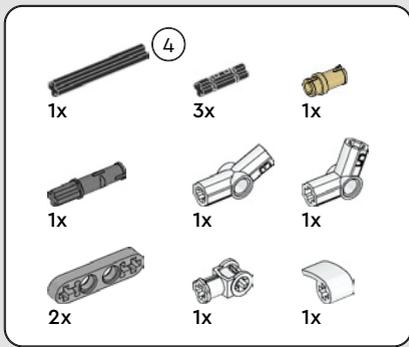




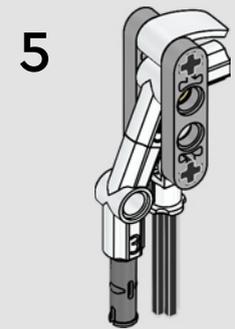
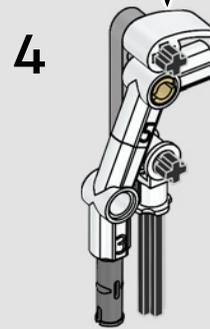
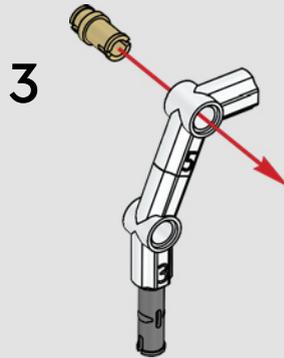
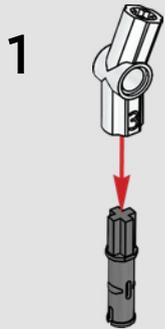
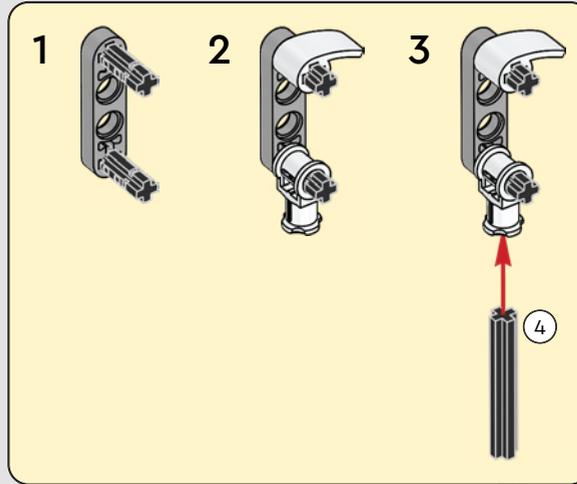


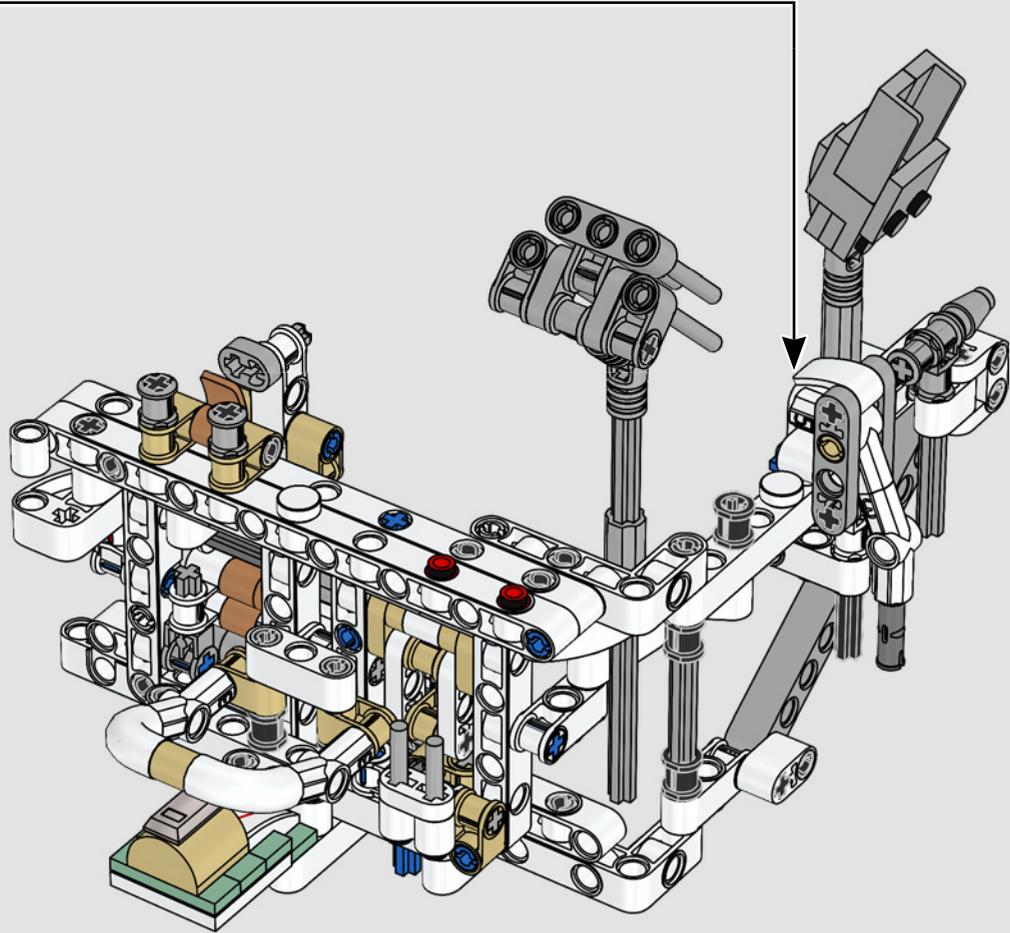
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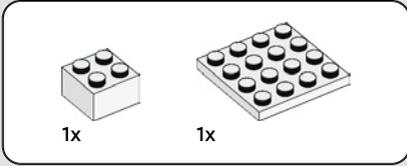




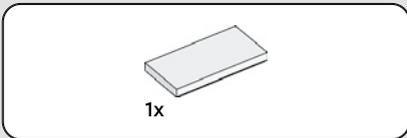
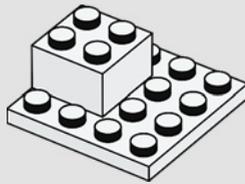
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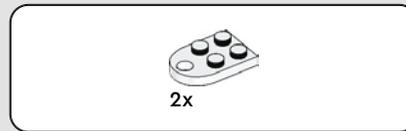
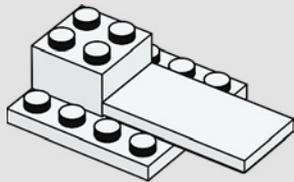




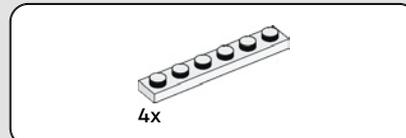
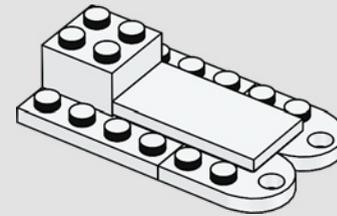
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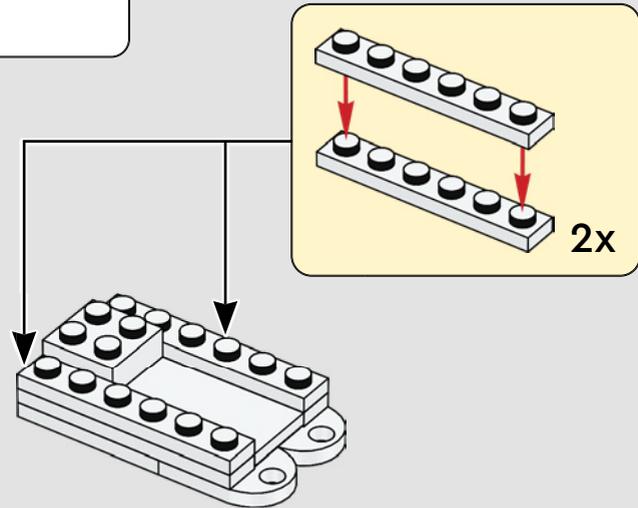
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358



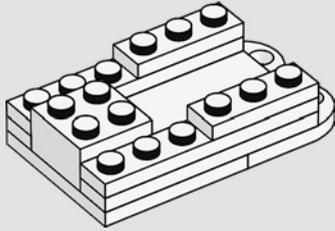
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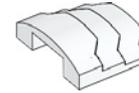
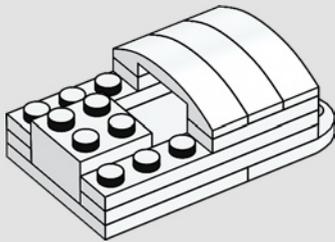
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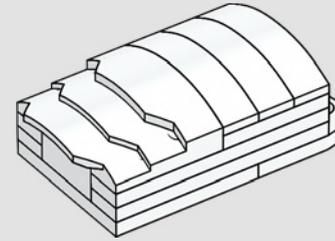
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361



1x

362

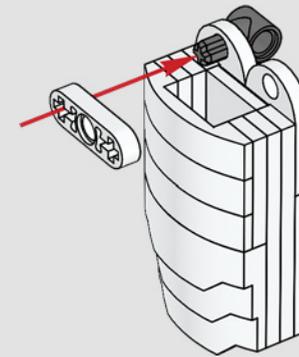
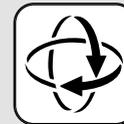


1x



1x

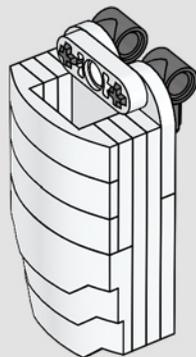
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1x

364



2x



2x

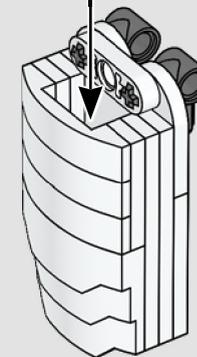
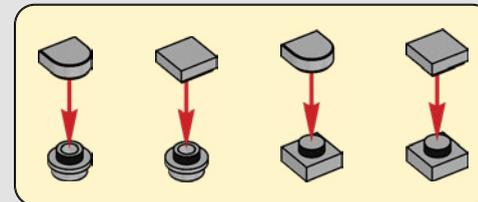


2x



2x

365





2x



2x

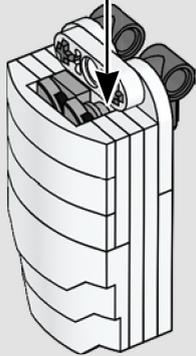
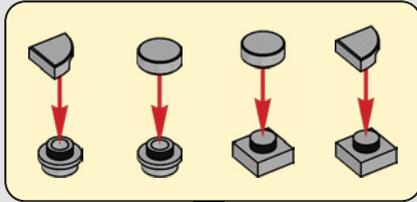


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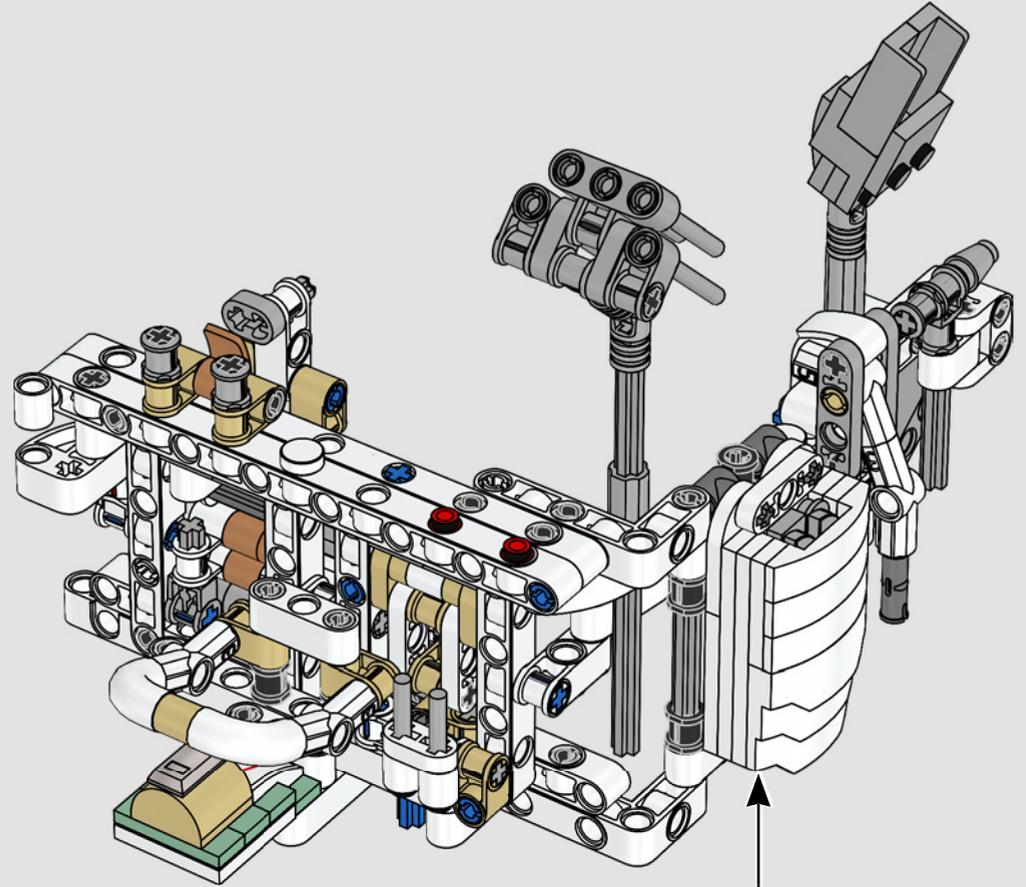


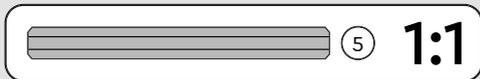
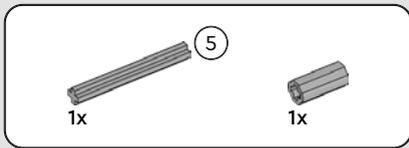
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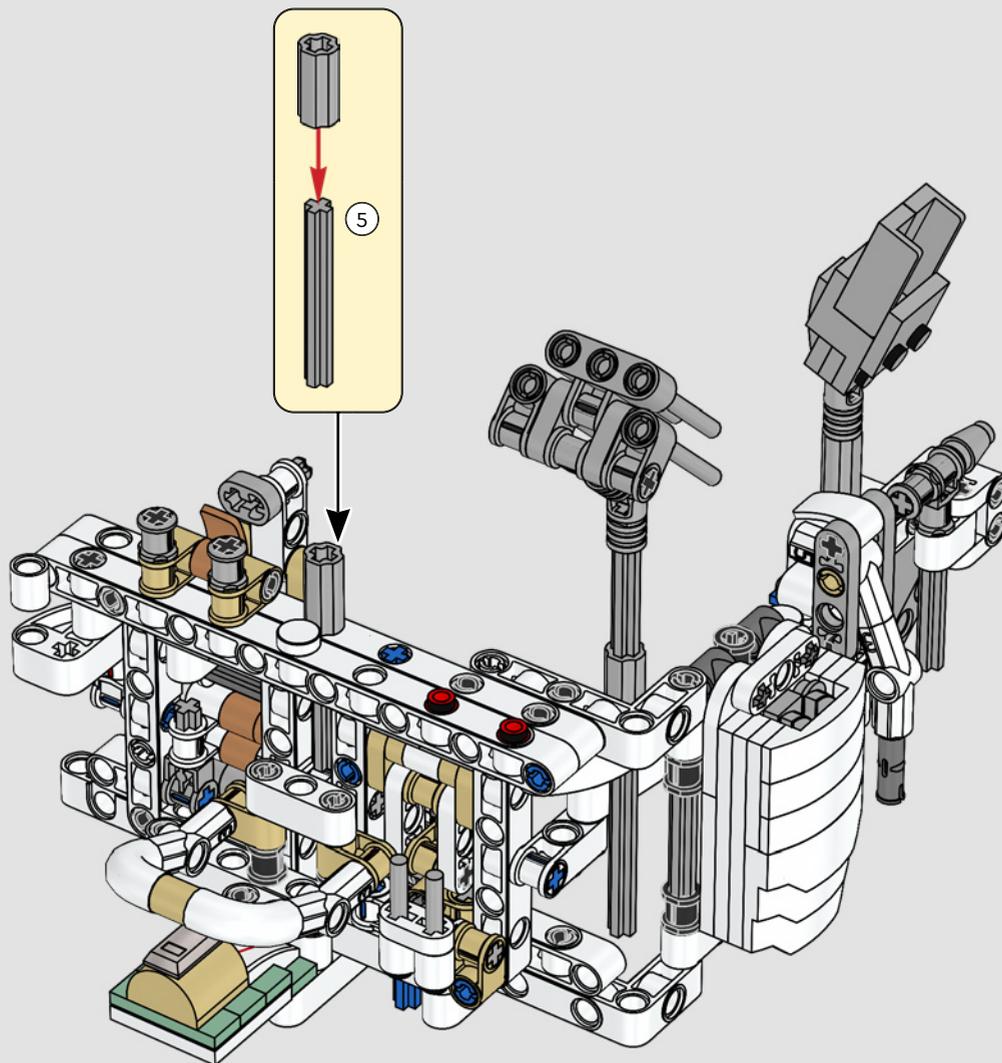


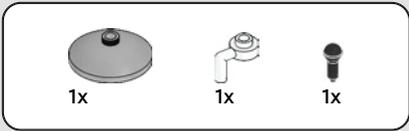
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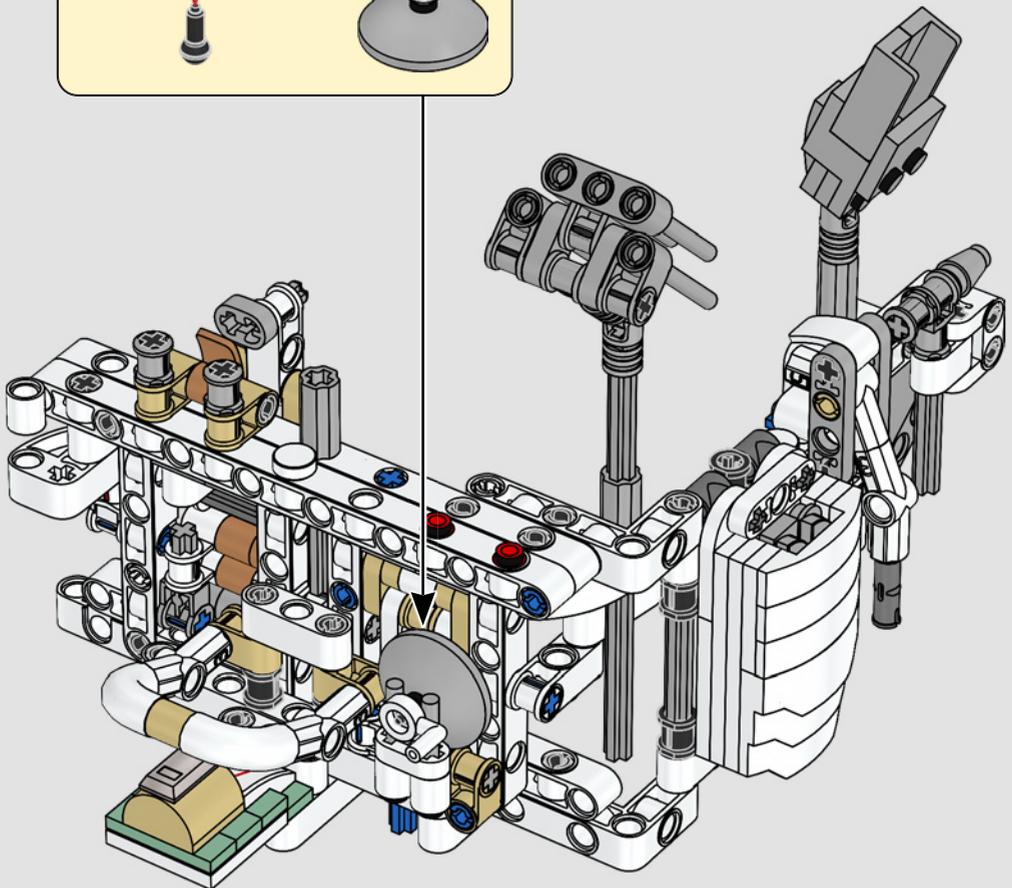
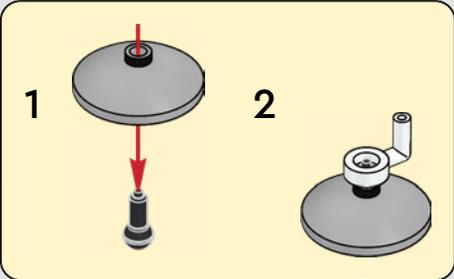


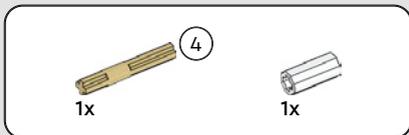
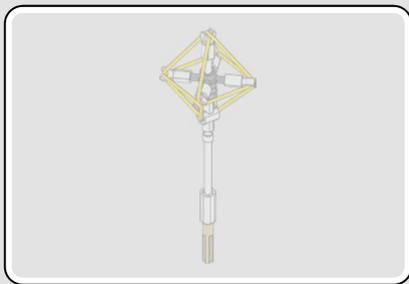
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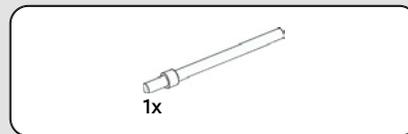
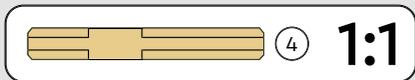


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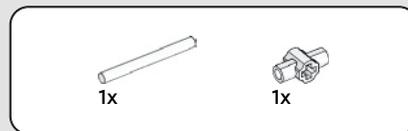




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371



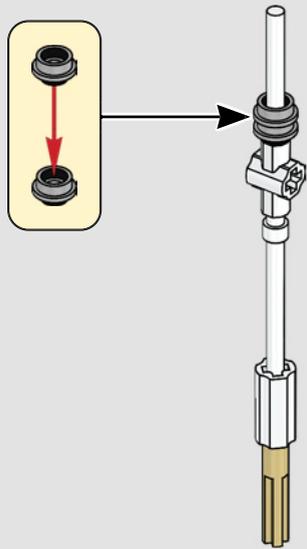
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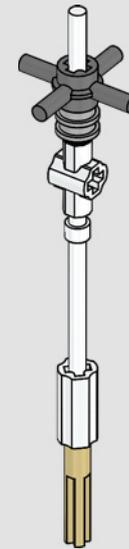
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373



1x

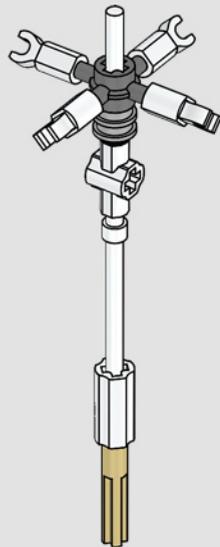
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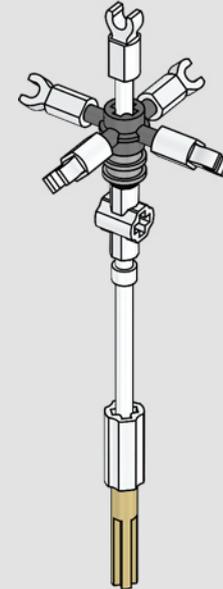
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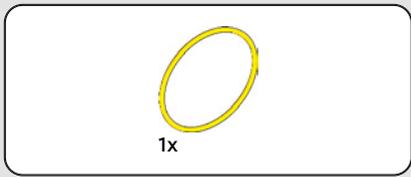
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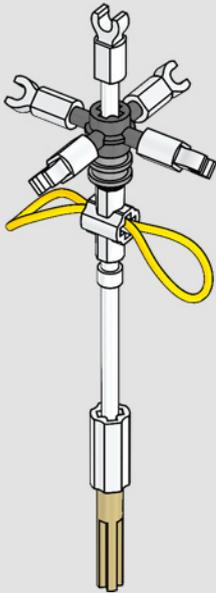
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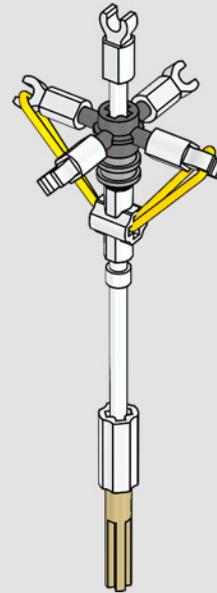




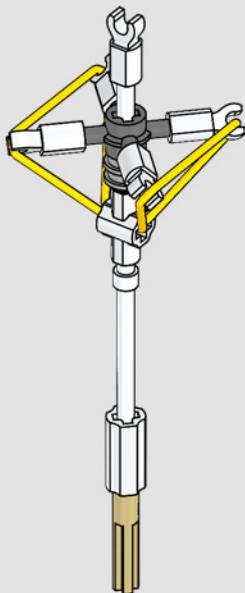
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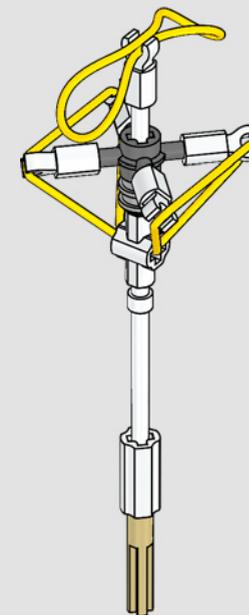
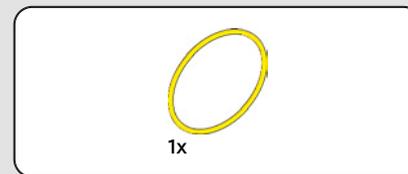
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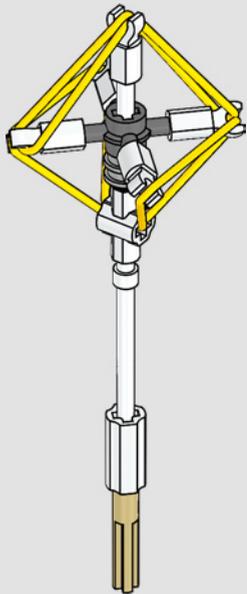
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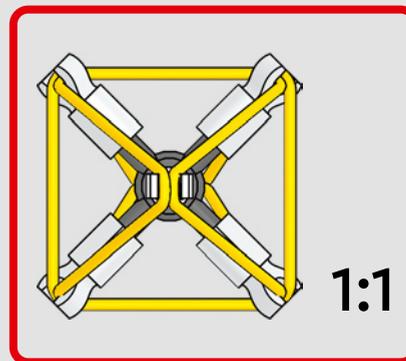
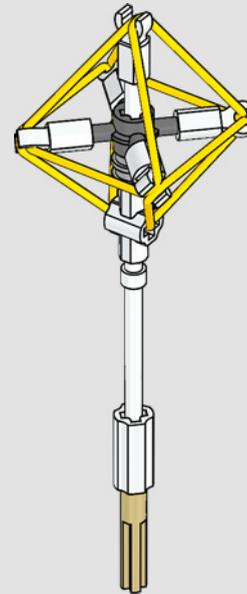
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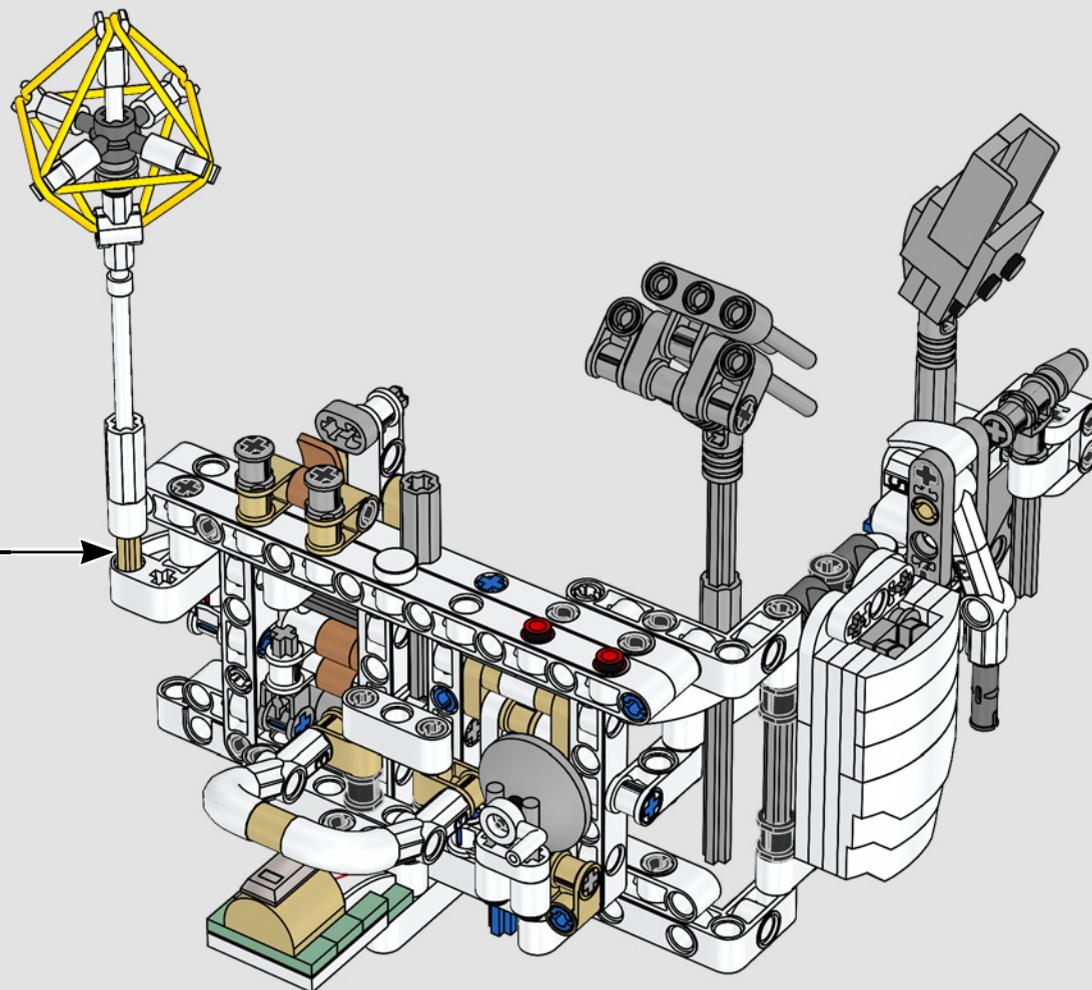
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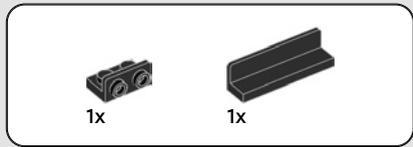


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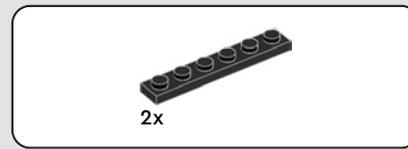
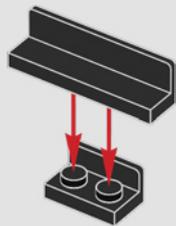


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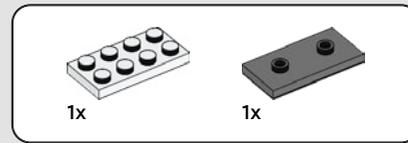
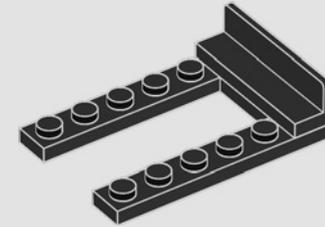




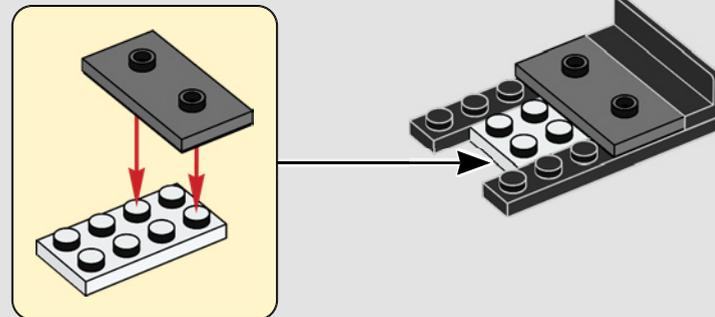
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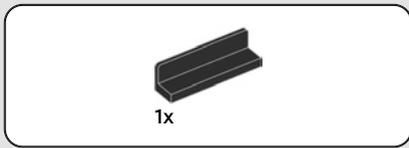


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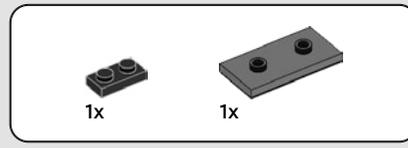
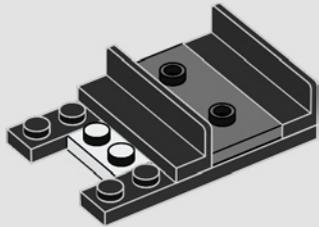


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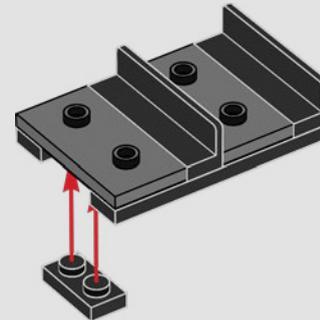


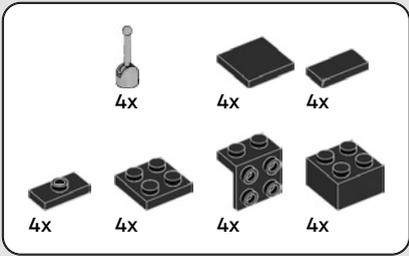


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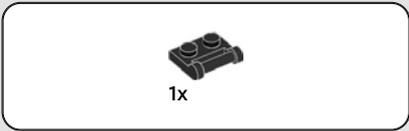
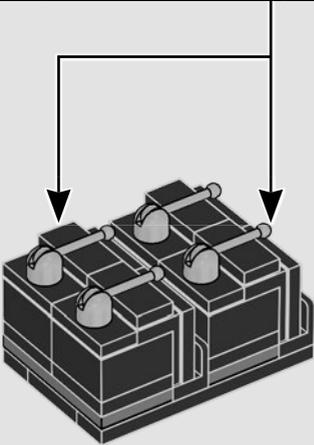
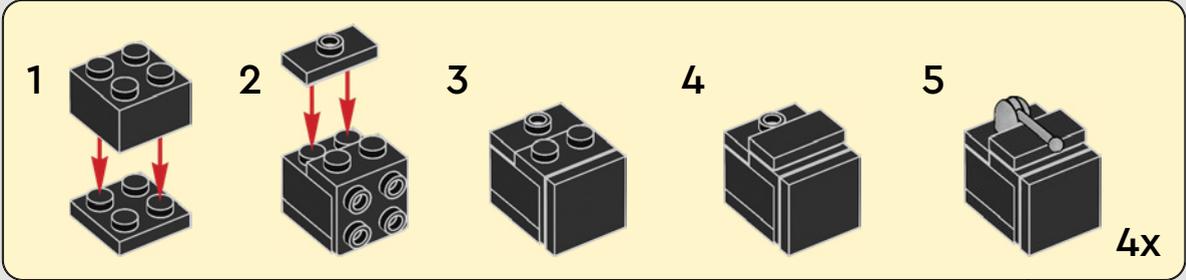


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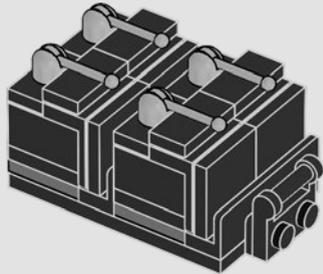




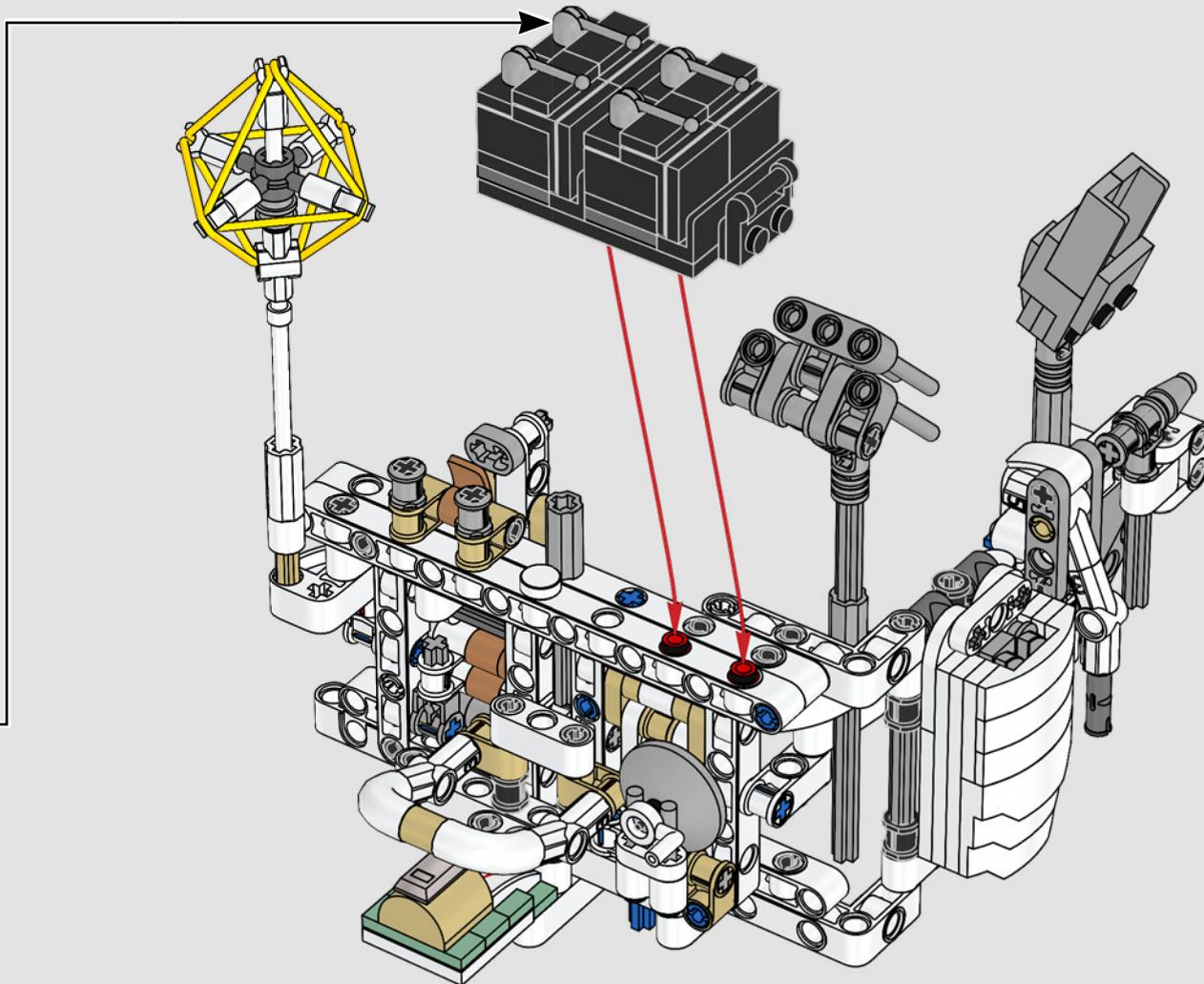
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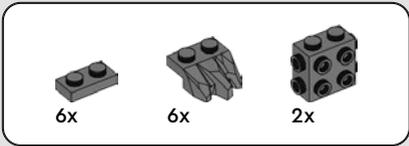


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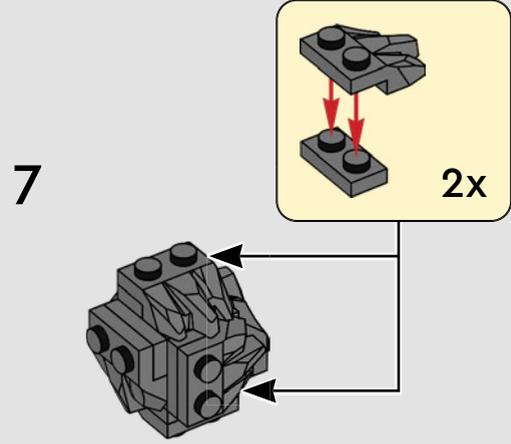
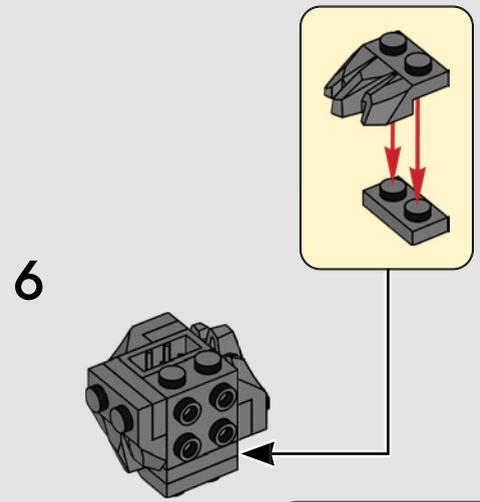
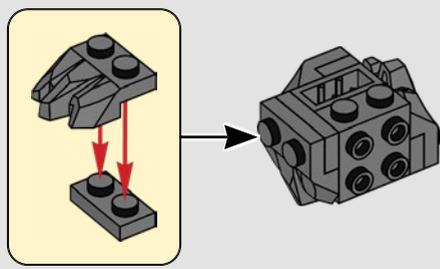
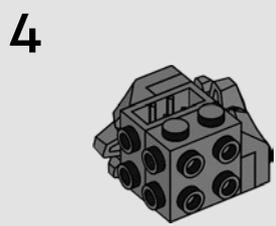
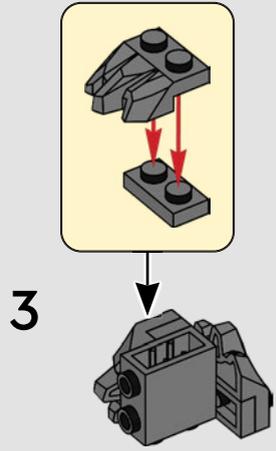
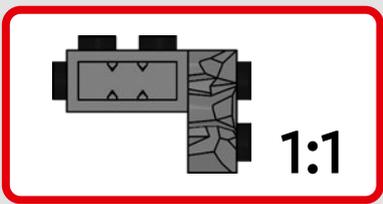
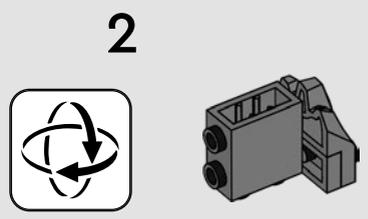
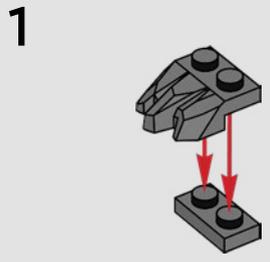


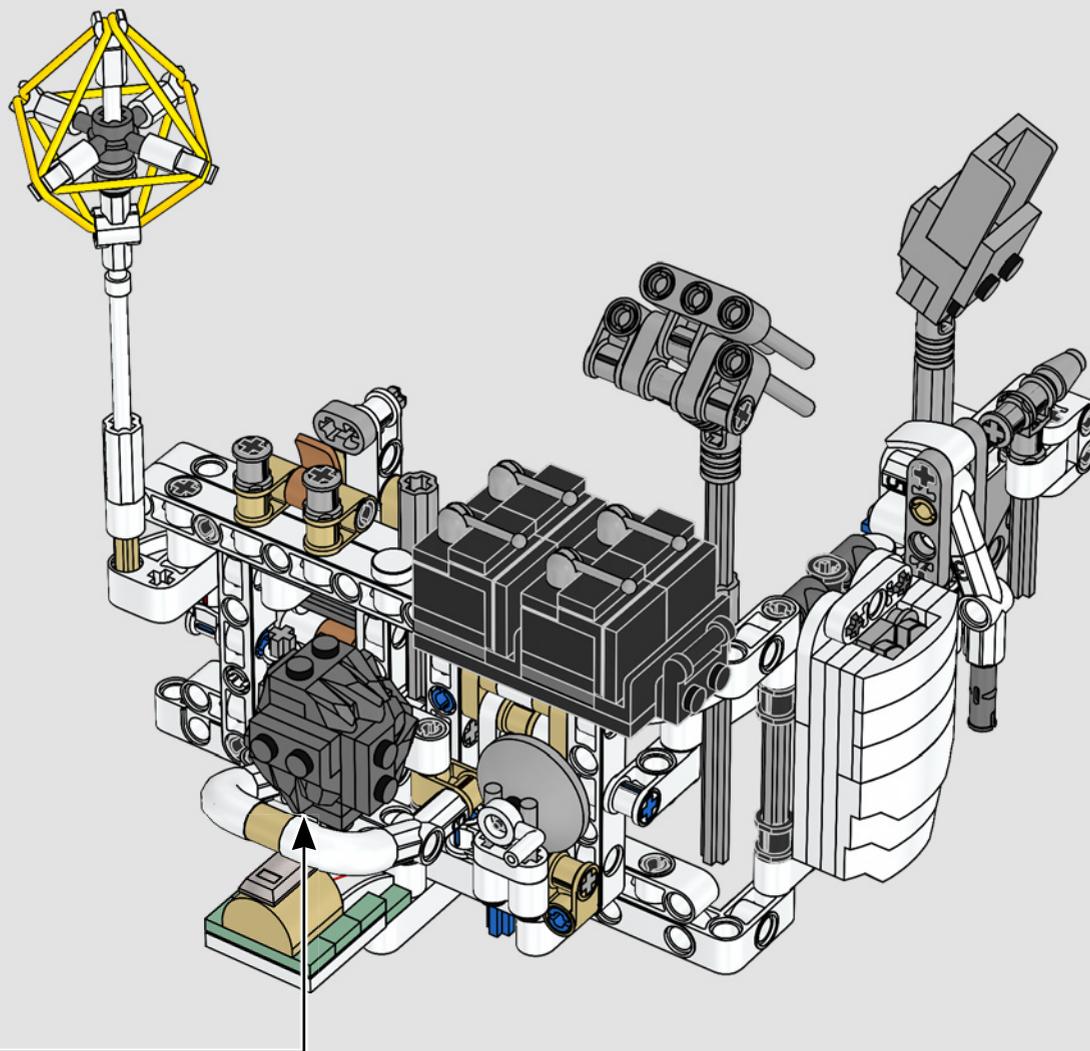
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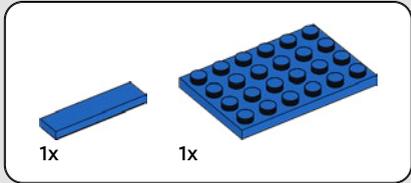




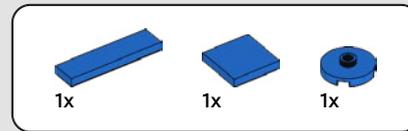
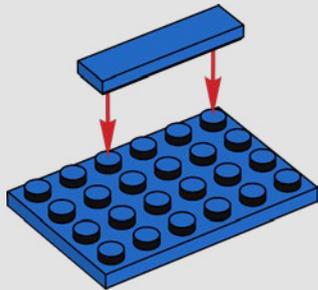
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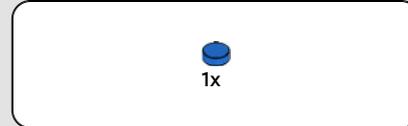
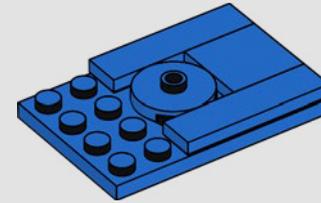




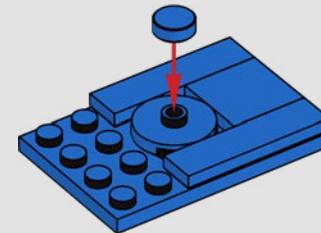
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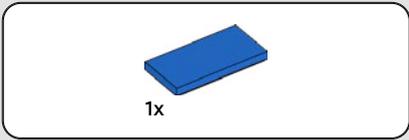


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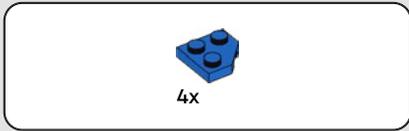
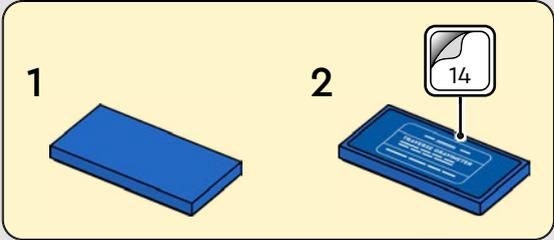


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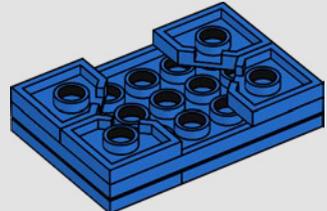


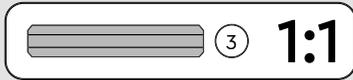
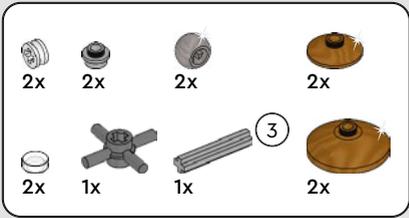


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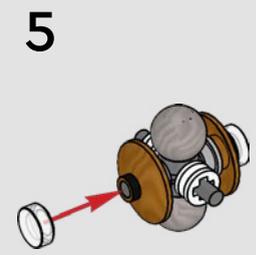
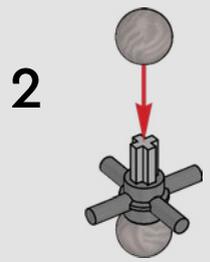
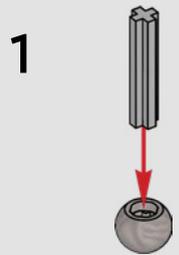


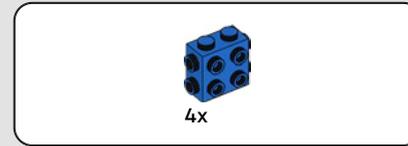
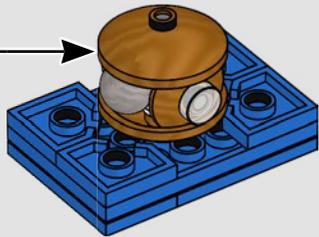
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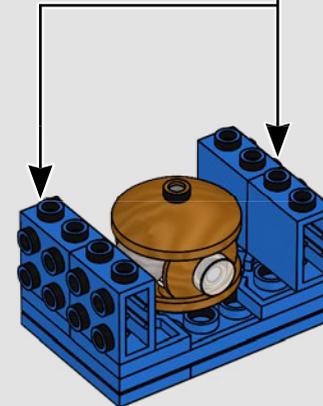
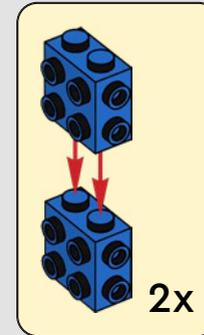


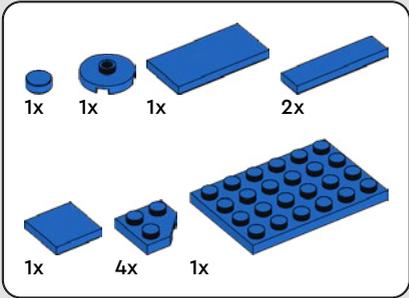
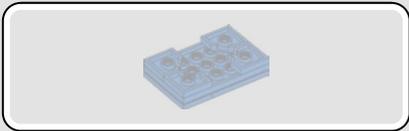
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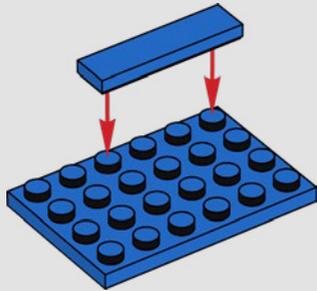
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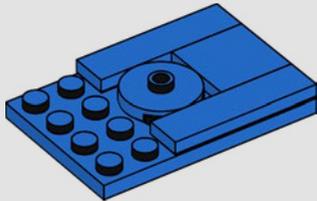


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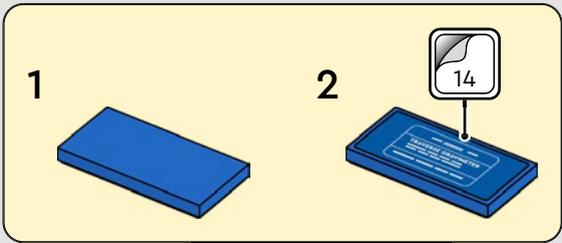
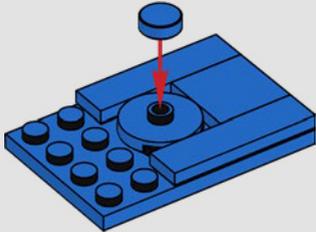
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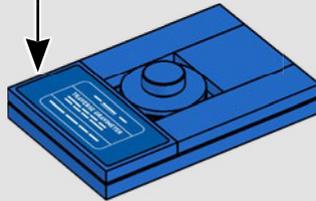
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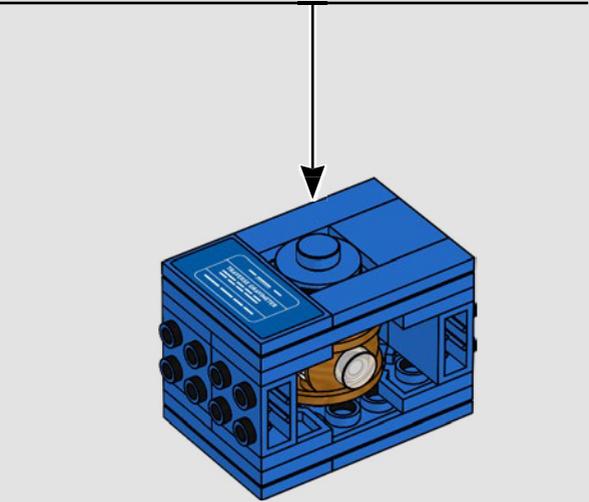
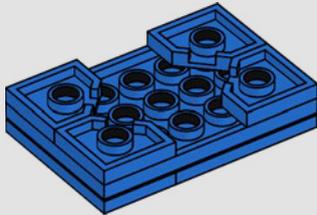
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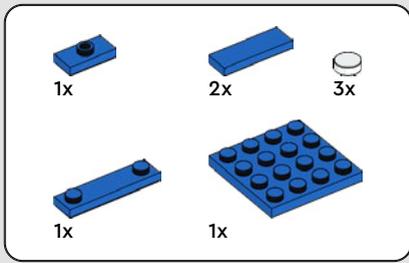


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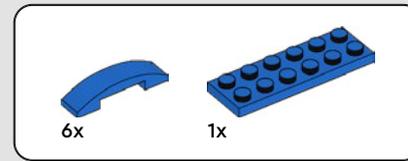
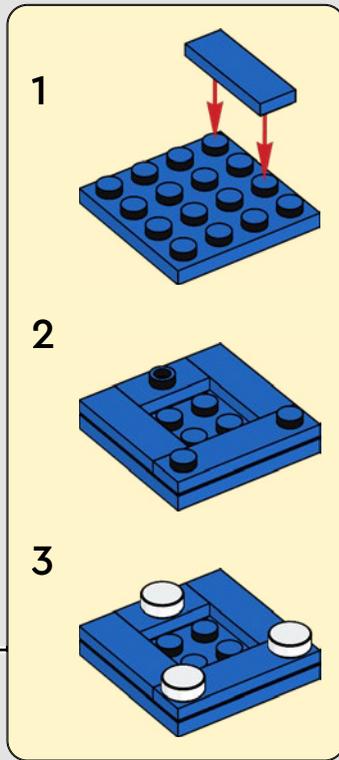
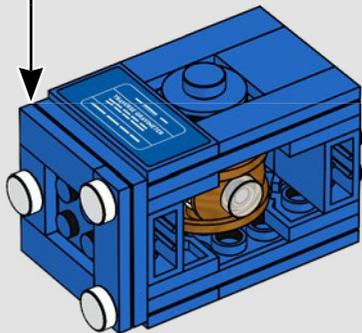


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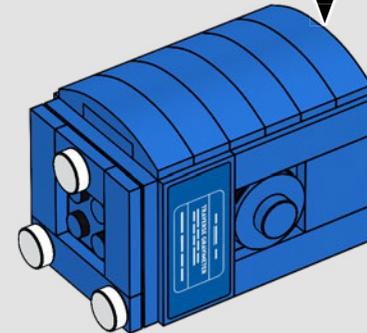
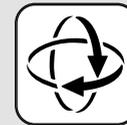
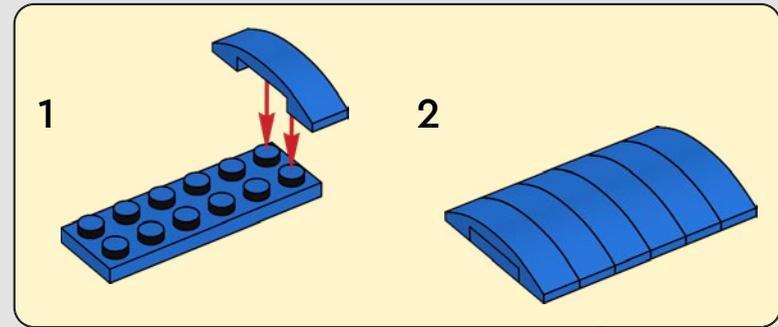




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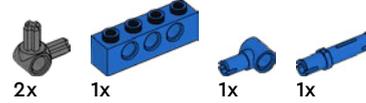
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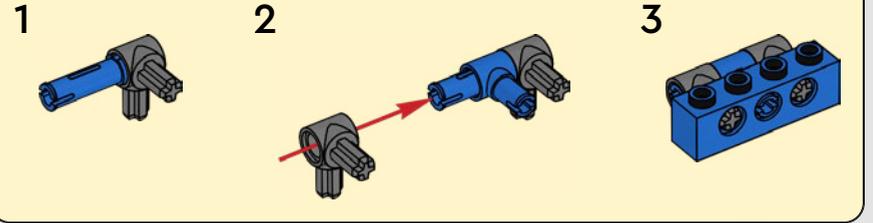
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1x

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1x

404



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2

3



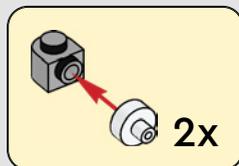


2x



2x

405



2x

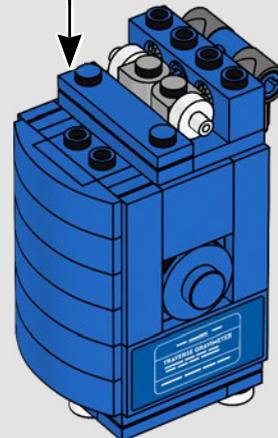
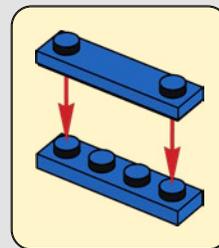


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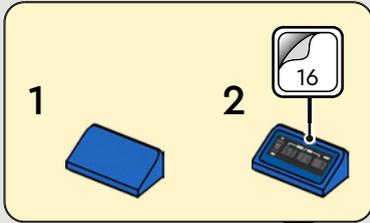
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1x

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2x

408



1x

409





1x

410



1x

411

1



2





2x

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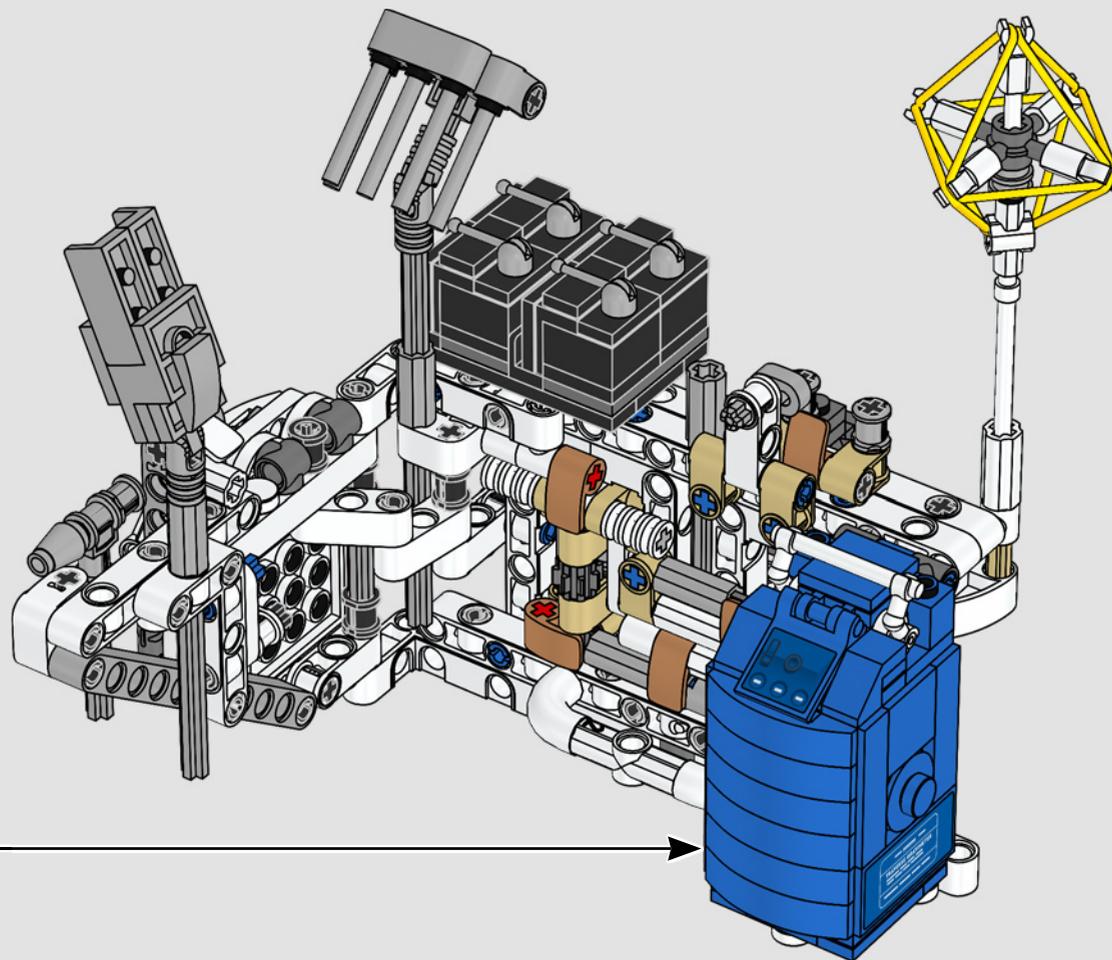


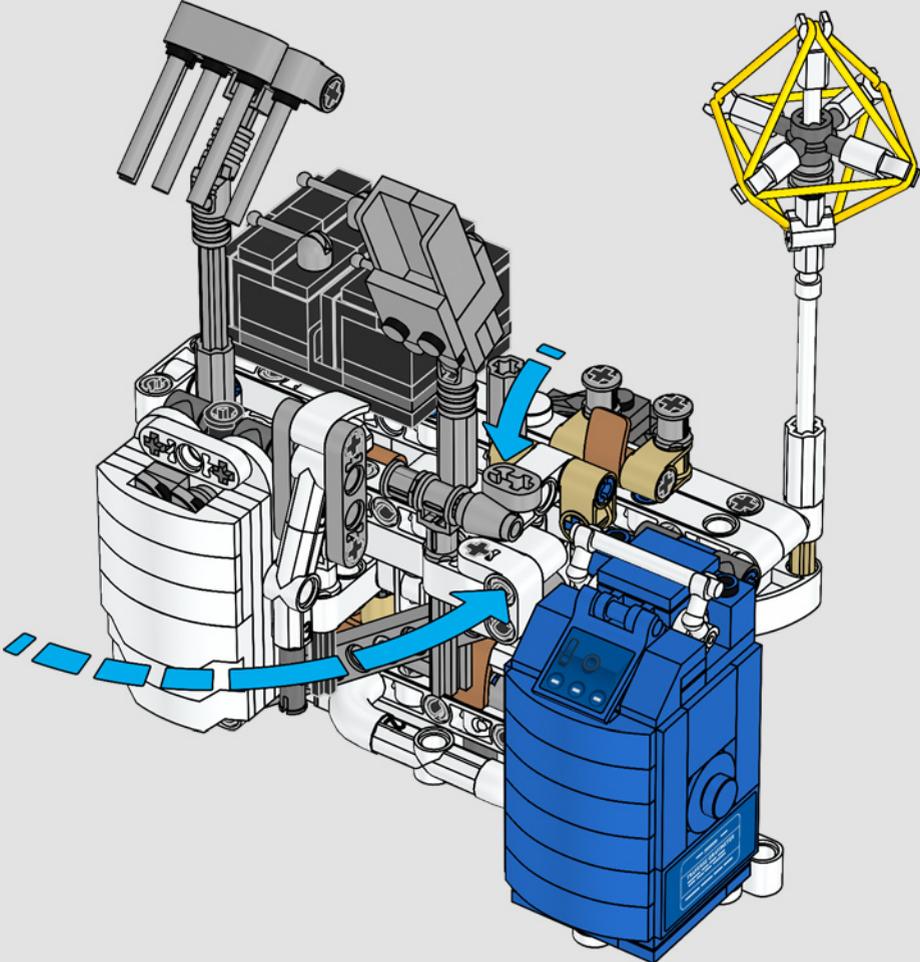
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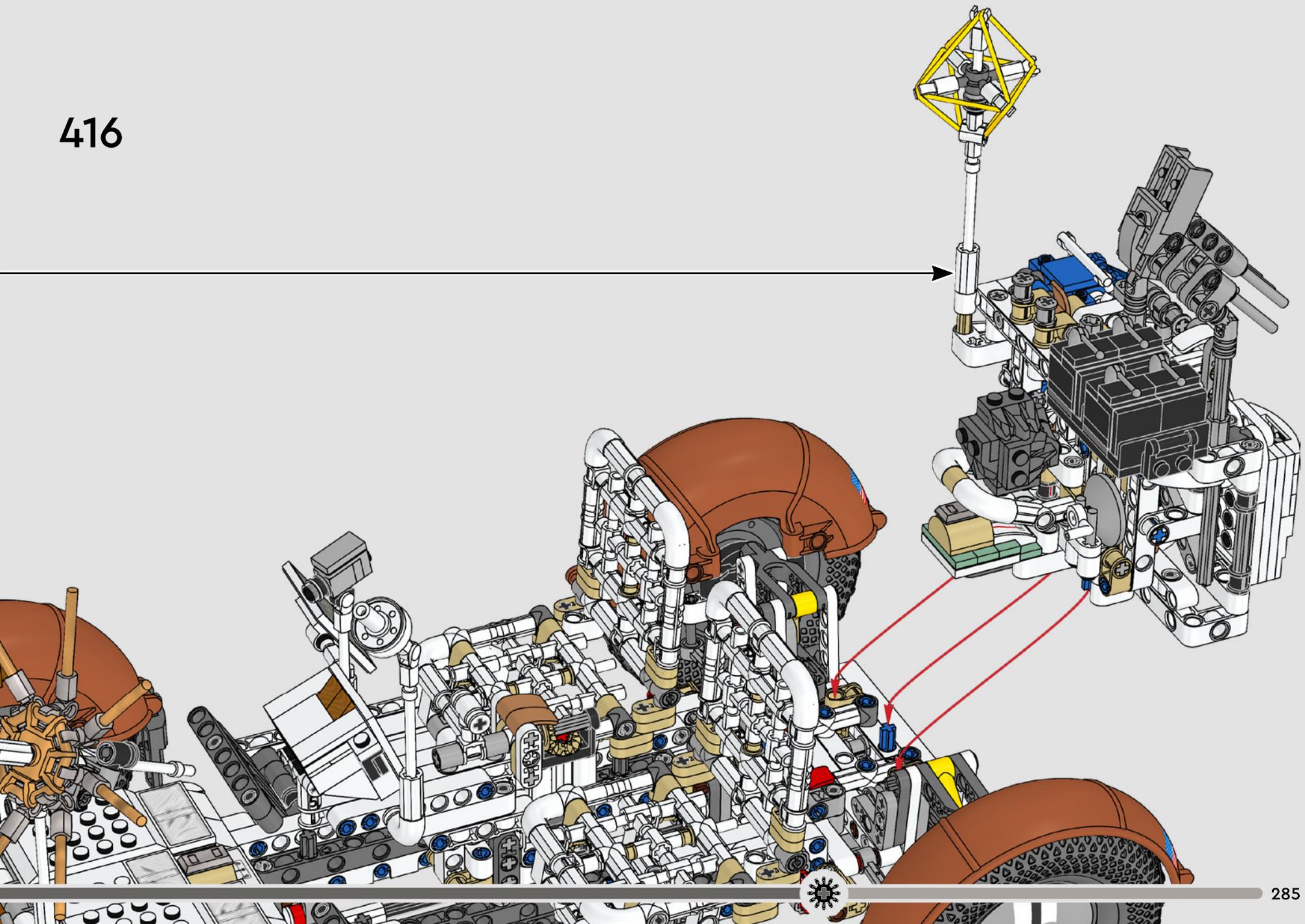


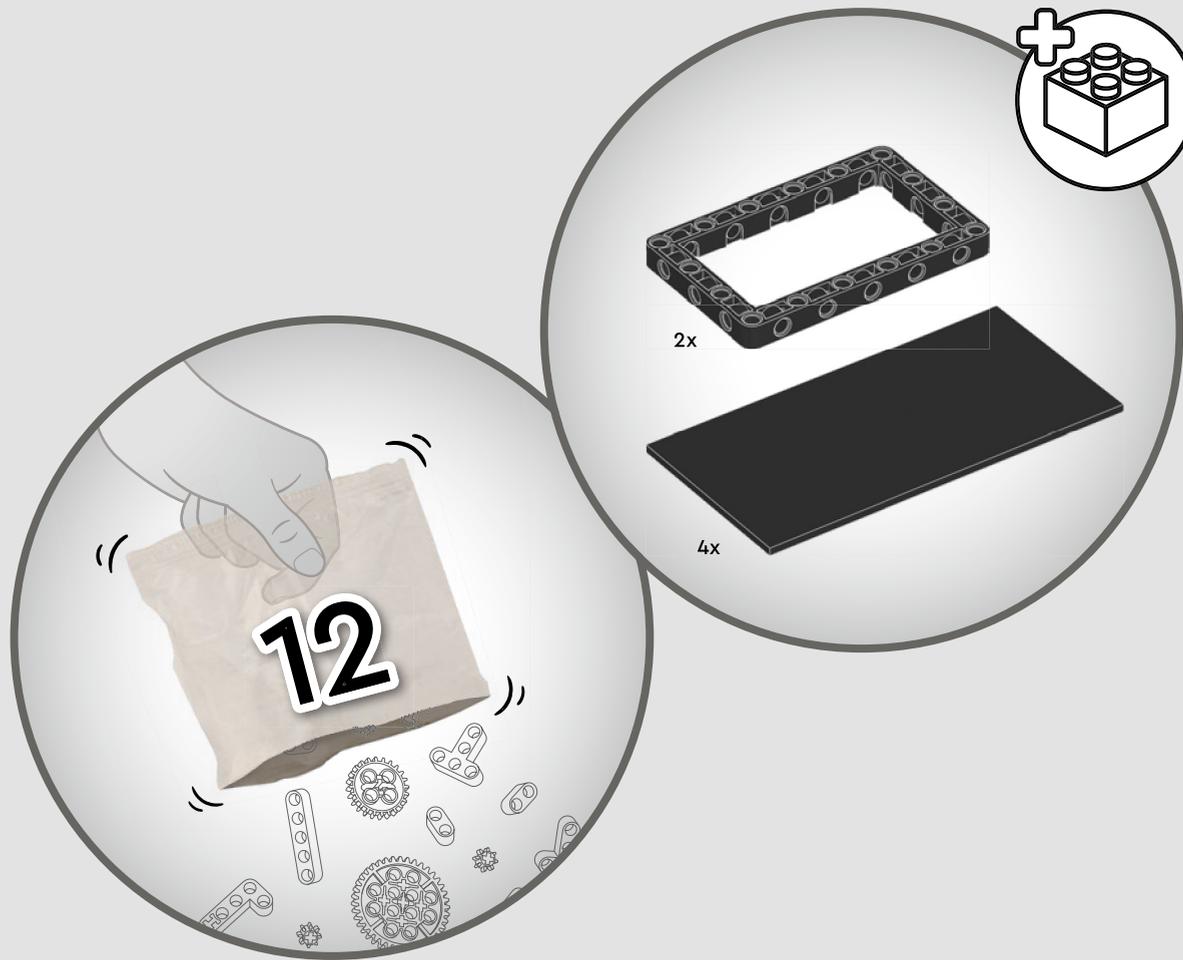
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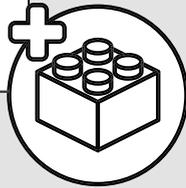
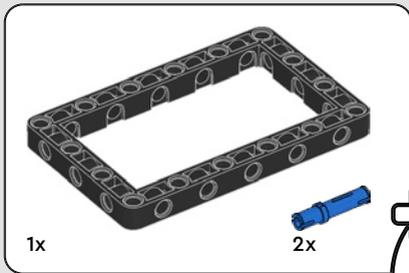
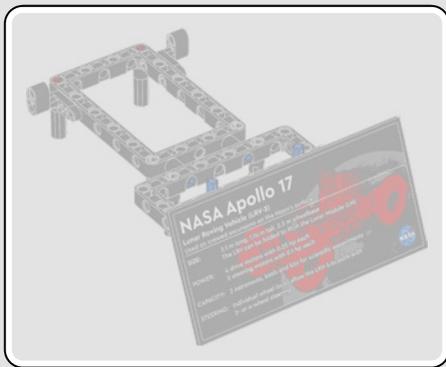




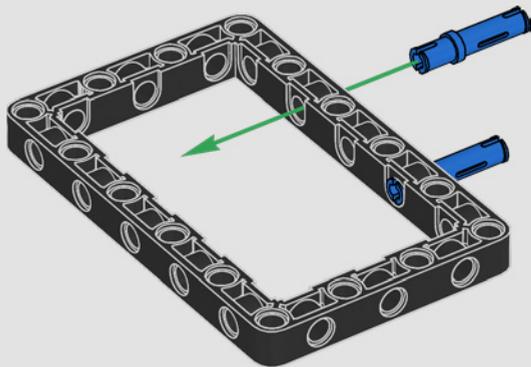
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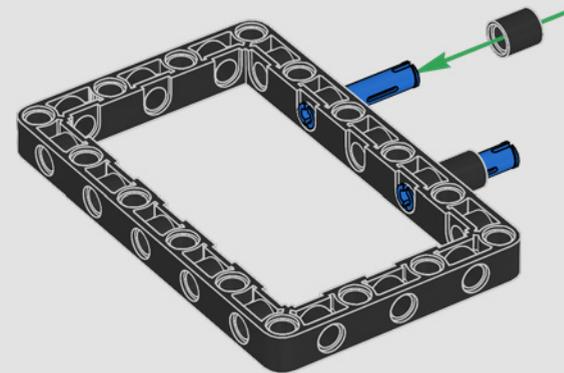


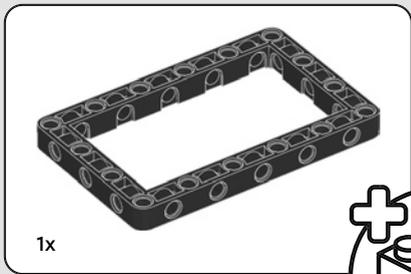


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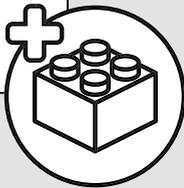


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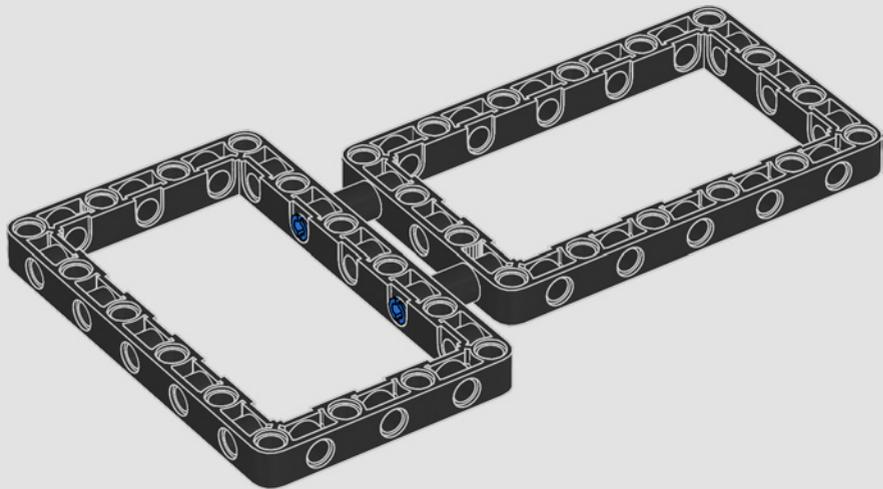




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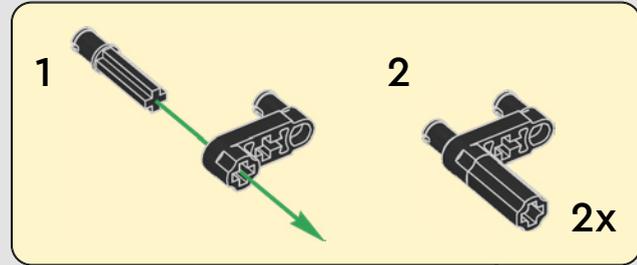


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2x

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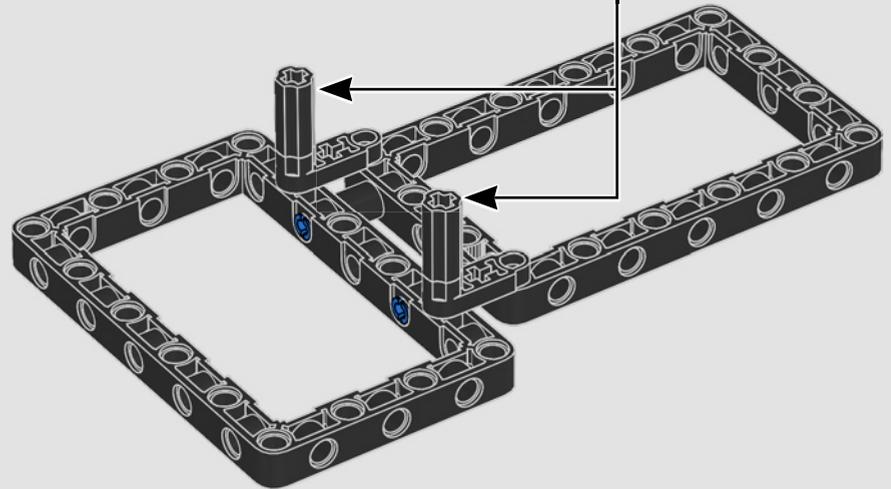
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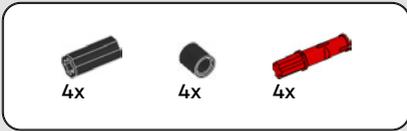


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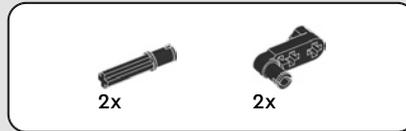
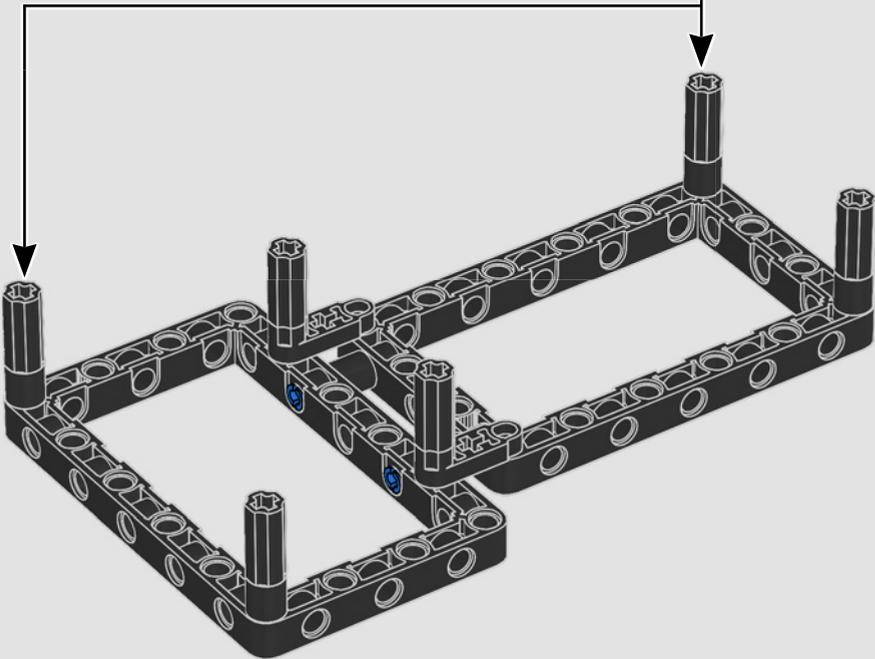
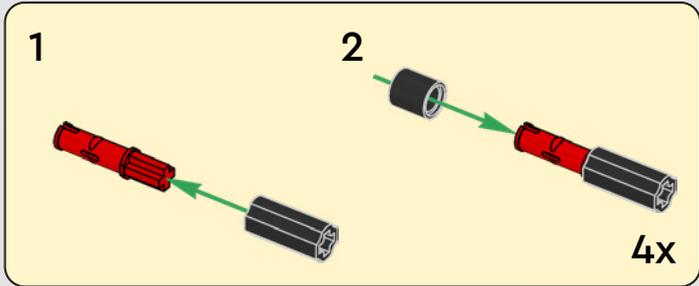
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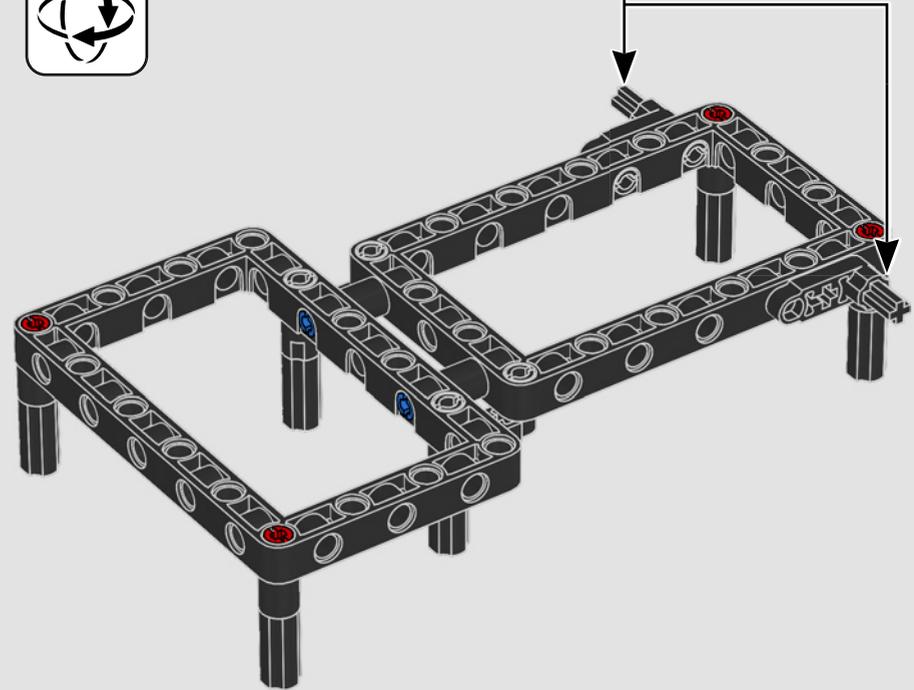
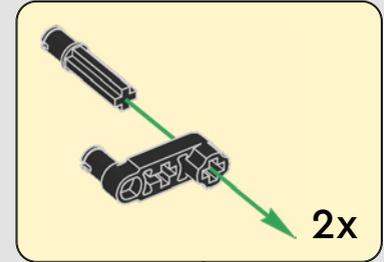




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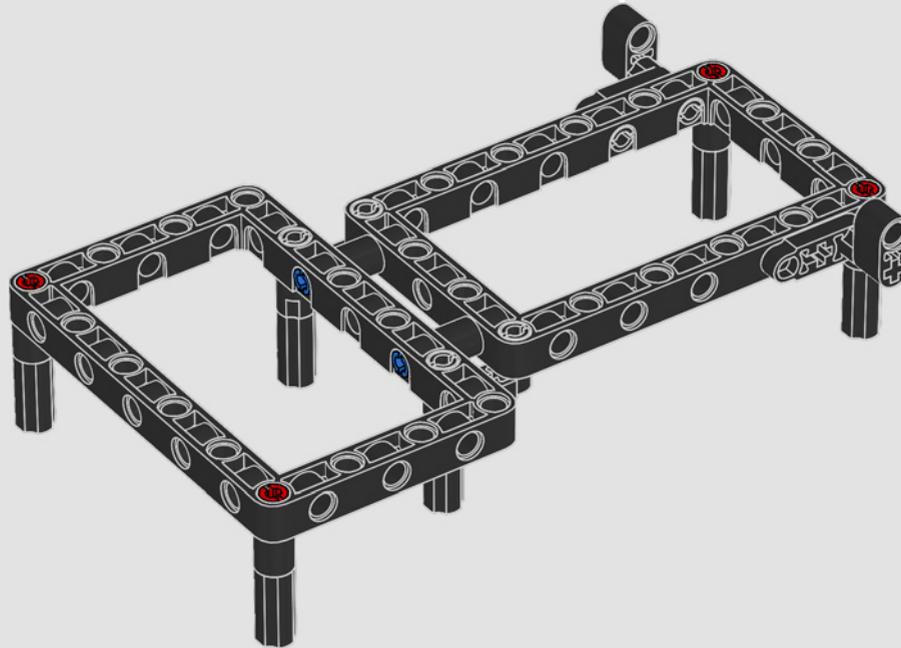
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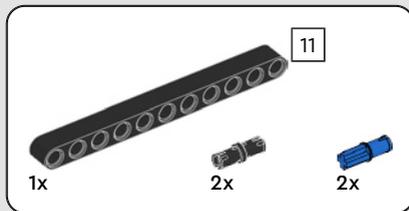




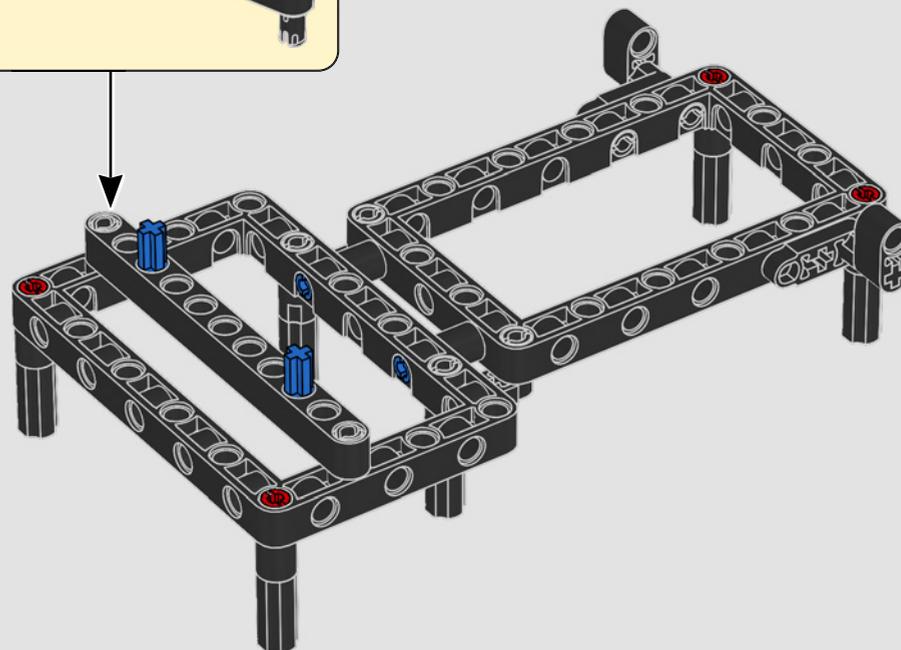
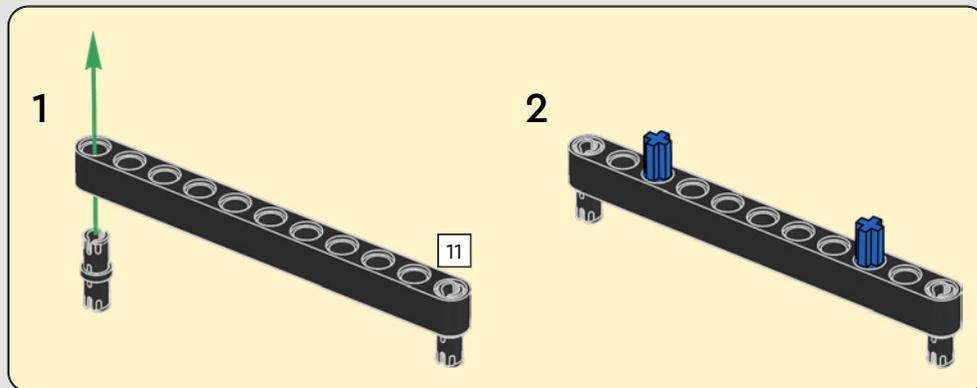
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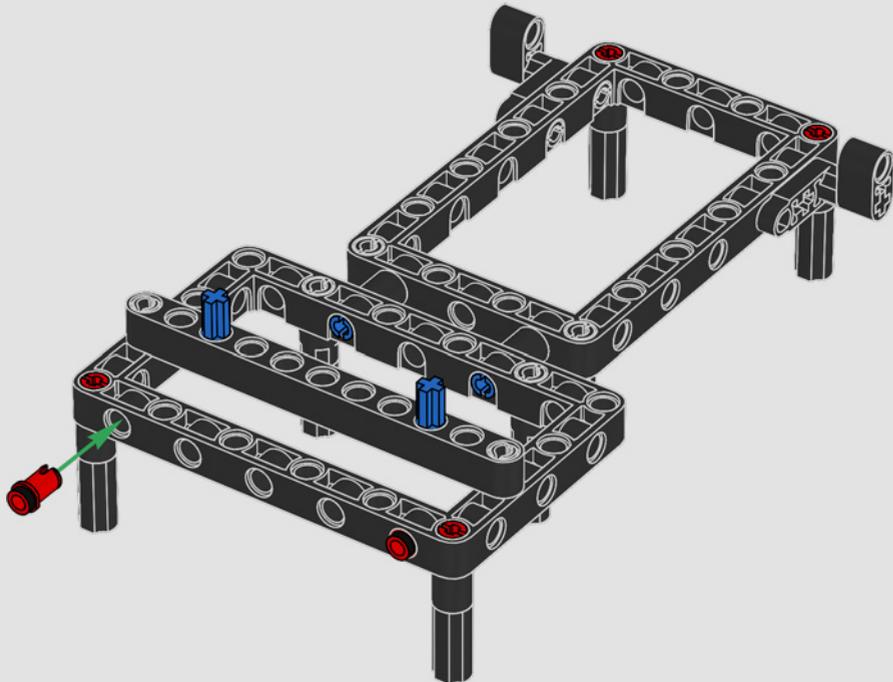
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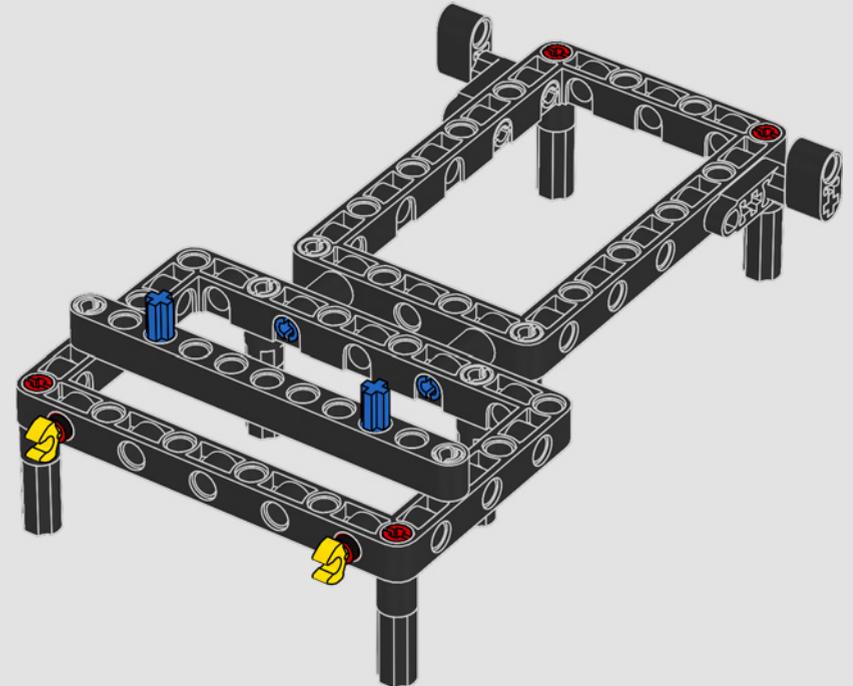
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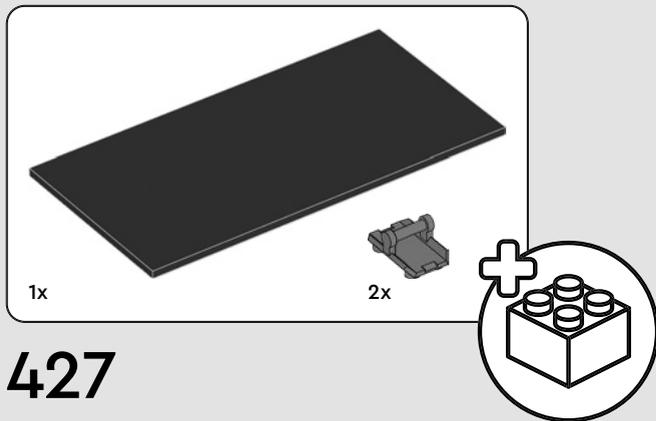
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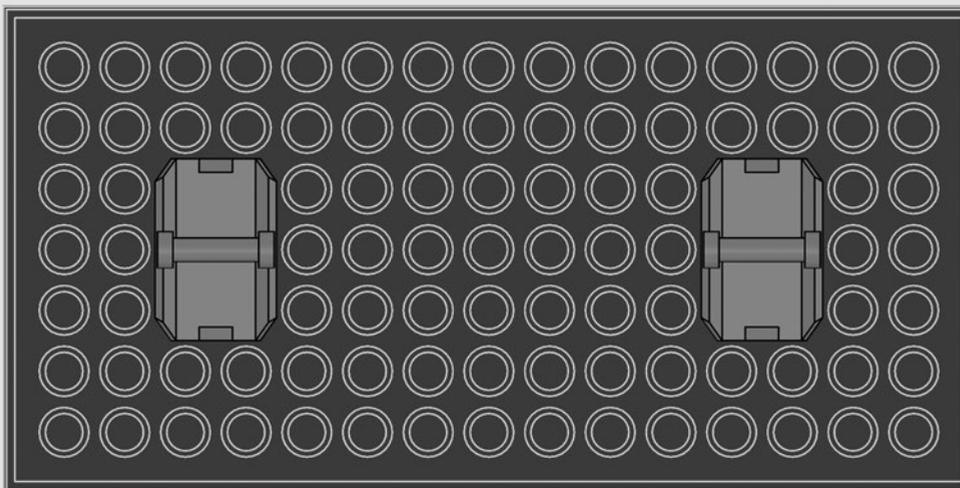
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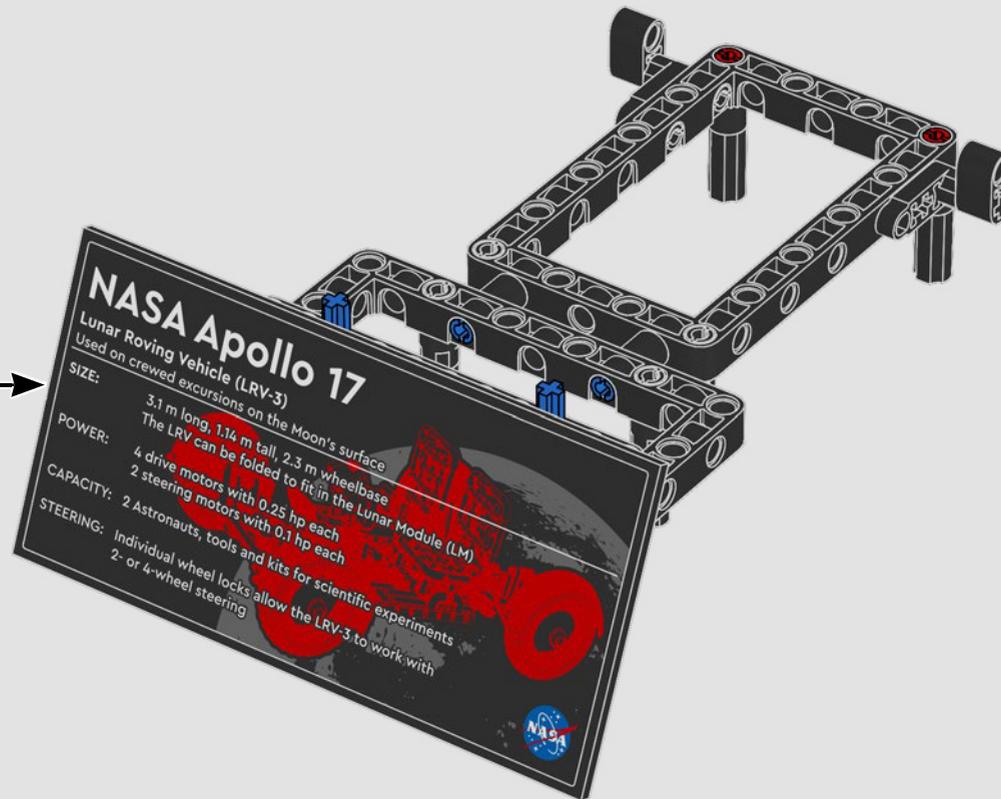
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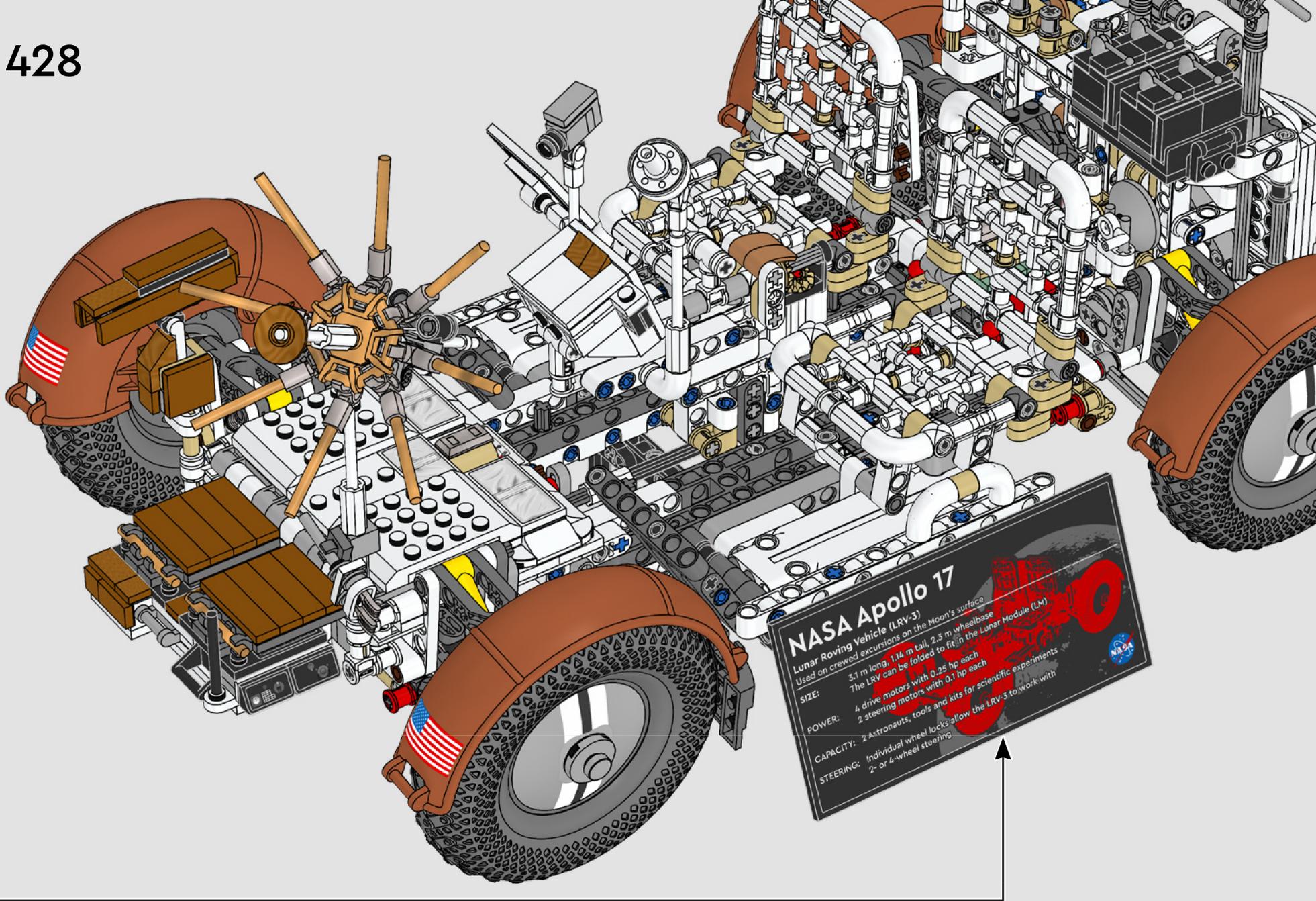


1:1

2







NASA Apollo 17

Lunar Roving Vehicle (LRV-3)

Used on crewed excursions on the Moon's surface

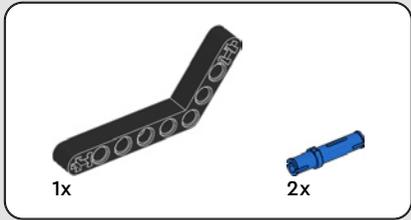
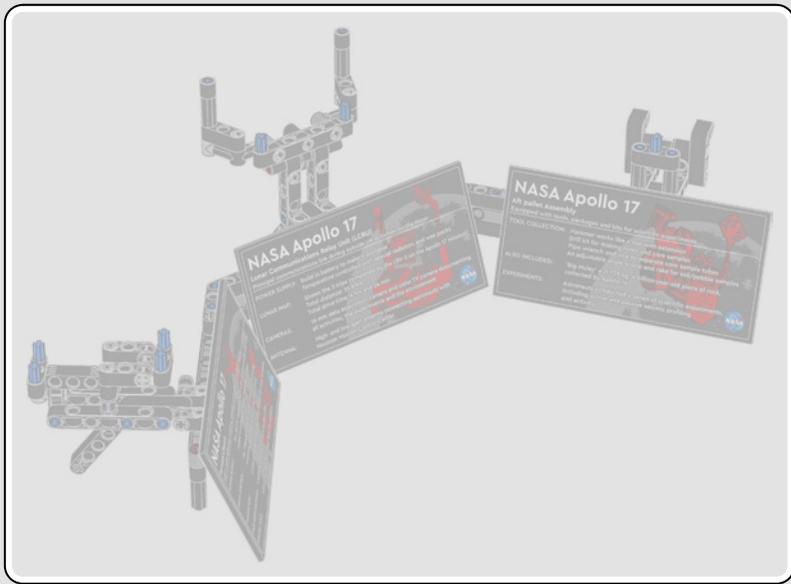
SIZE: 3.1 m long, 1.14 m tall, 2.5 m wheelbase
The LRV can be folded to fit in the Lunar Module (LM)

POWER: 4 drive motors with 0.25 hp each
2 steering motors with 0.1 hp each

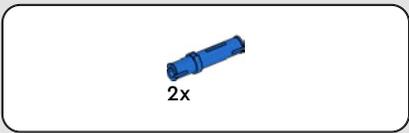
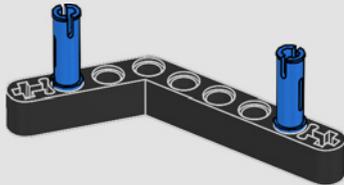
CAPACITY: 2 Astronauts, tools and kits for scientific experiments

STEERING: Individual wheel locks allow the LRV-3 to work with
2- or 4-wheel steering

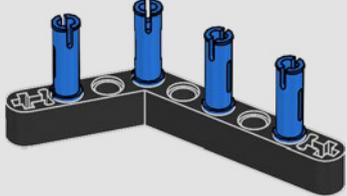


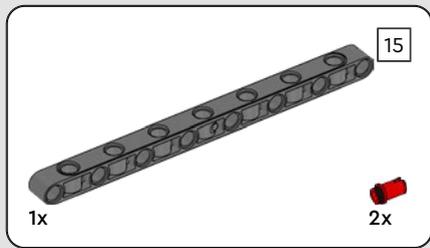


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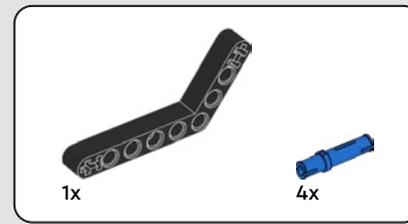
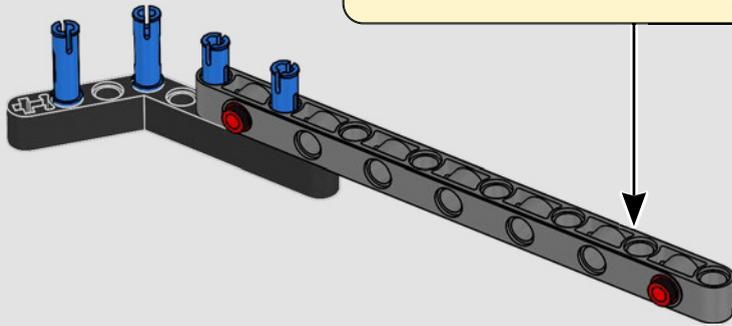
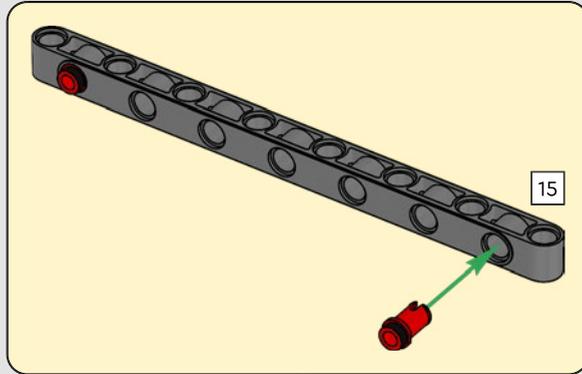


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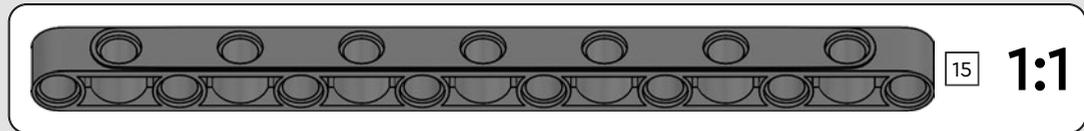
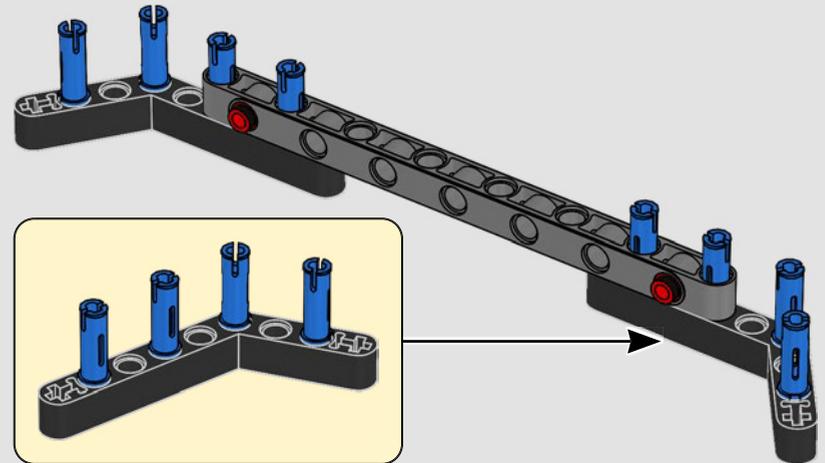


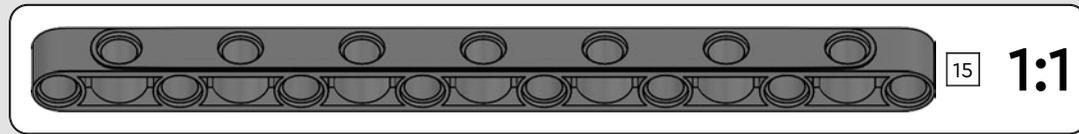
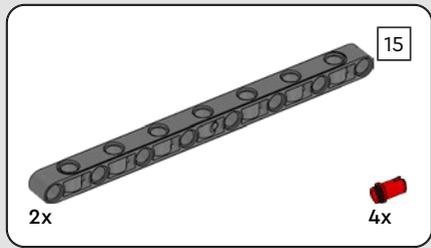


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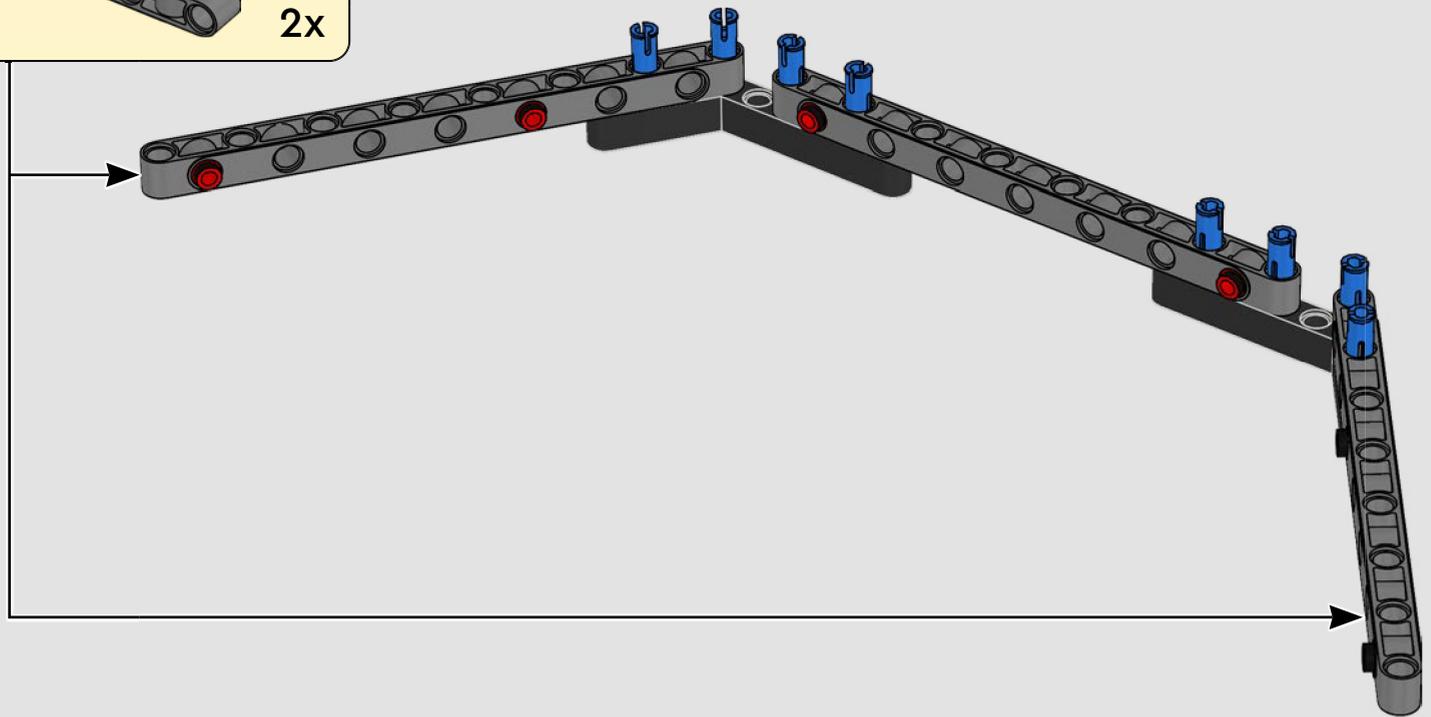
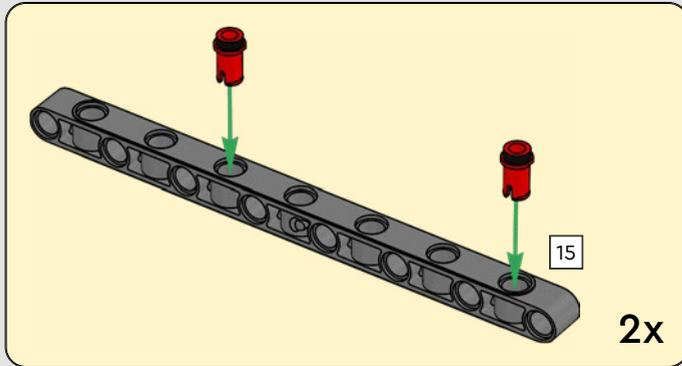


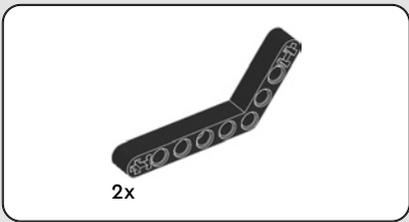
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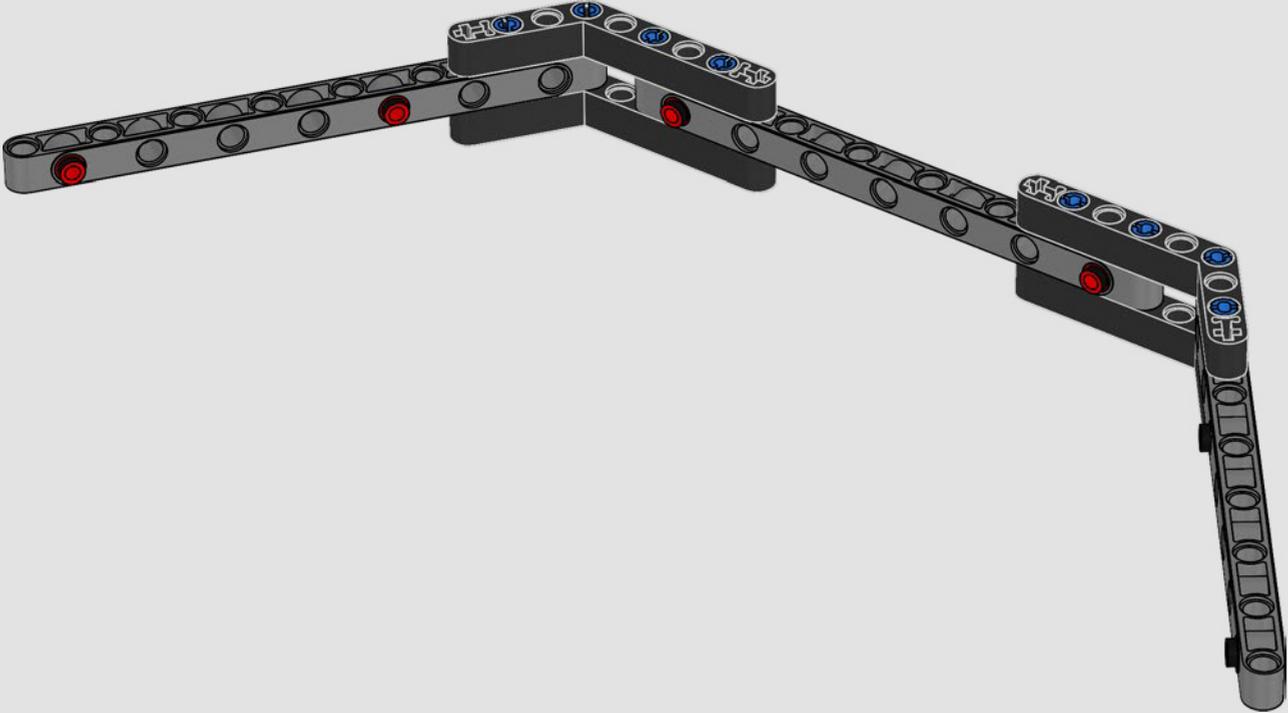


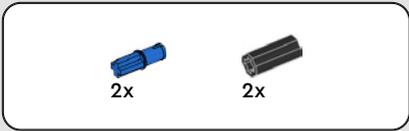
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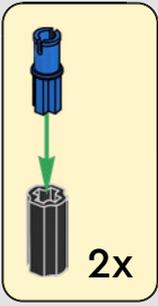
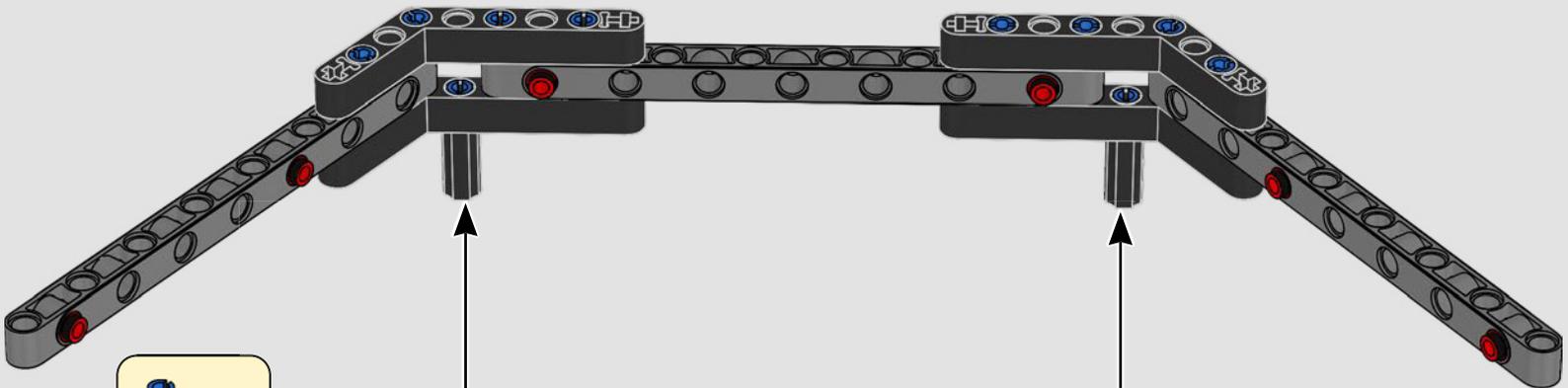


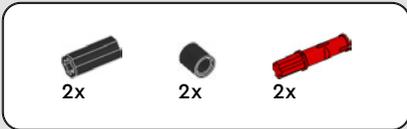
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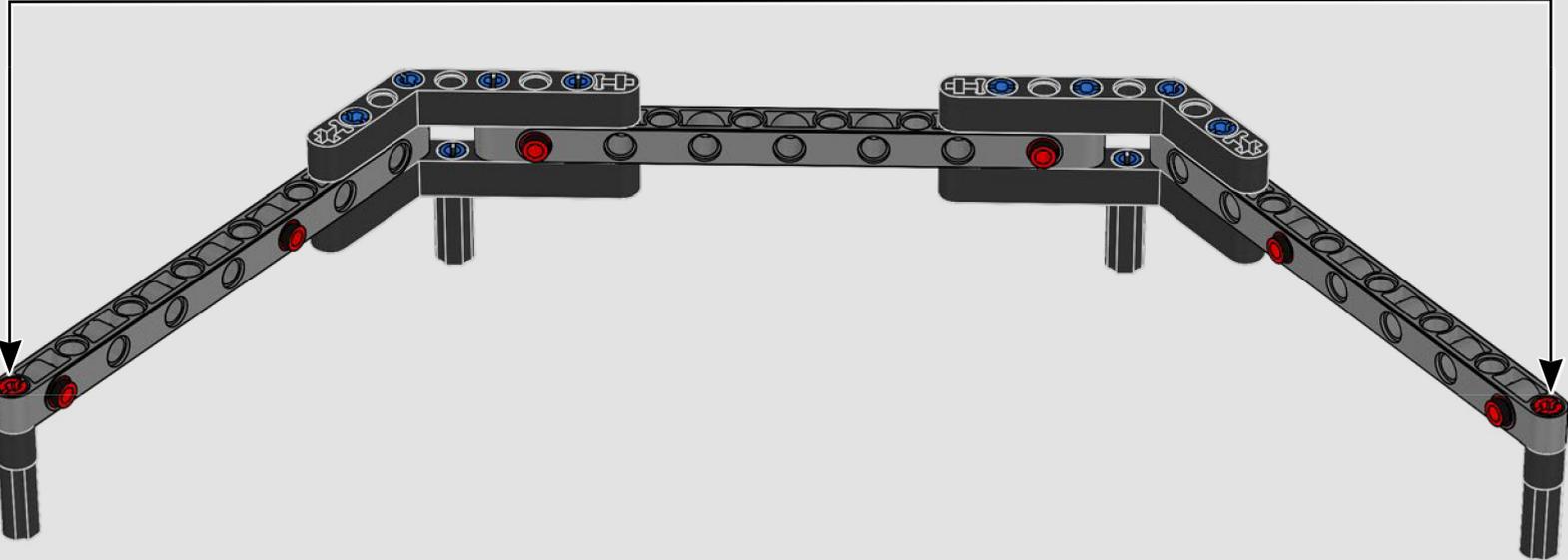
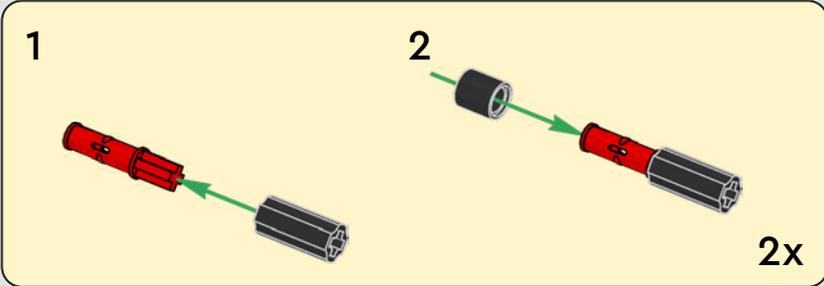


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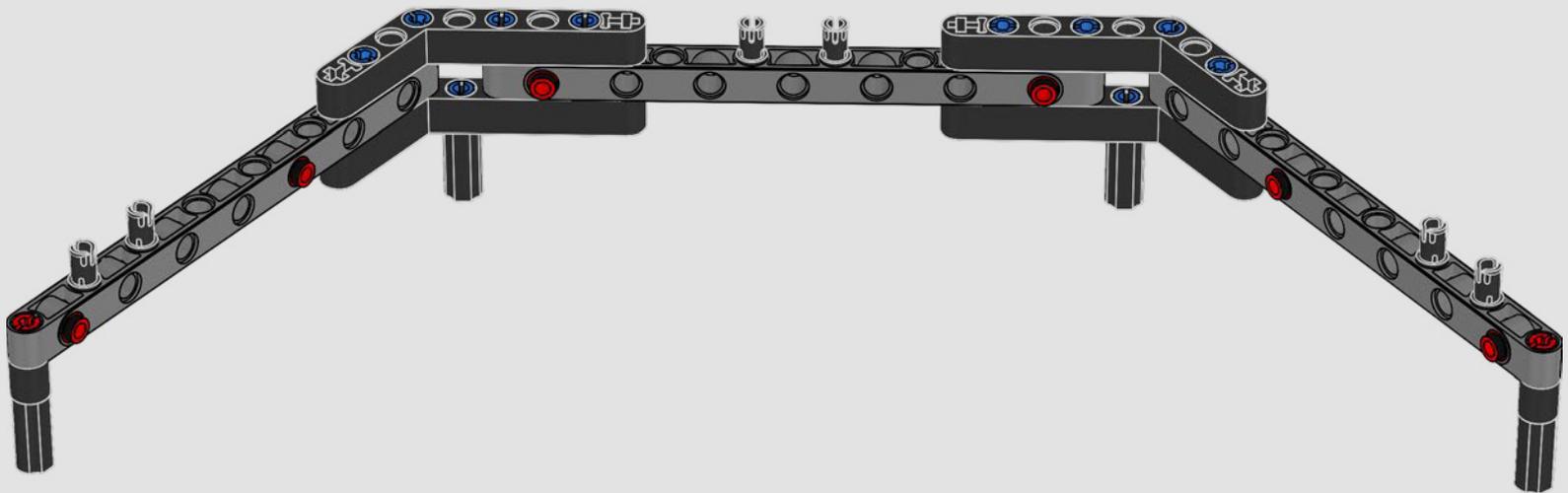
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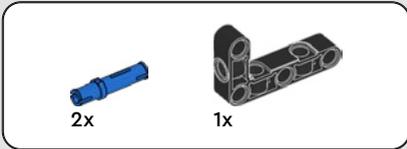
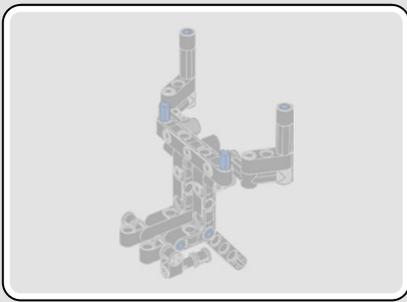




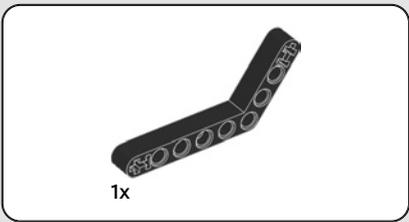
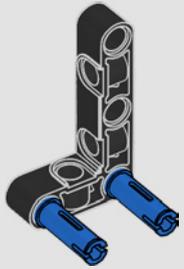
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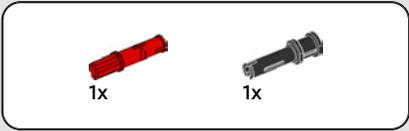
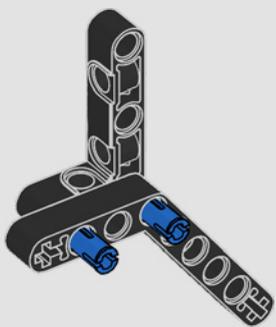




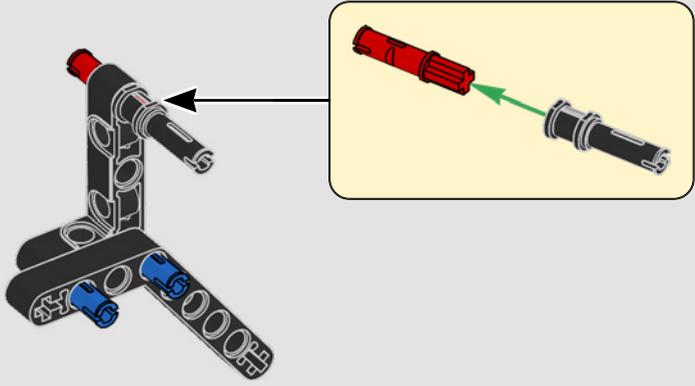
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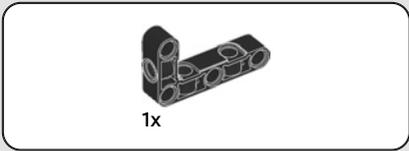


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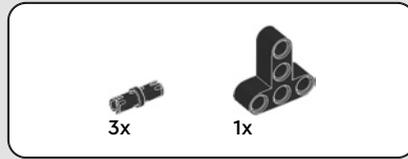
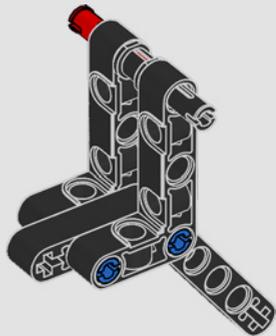


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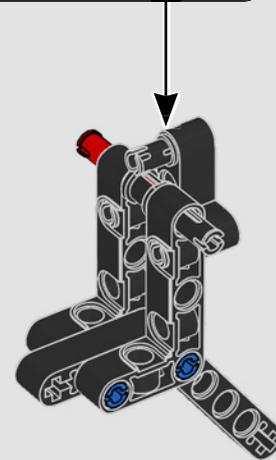
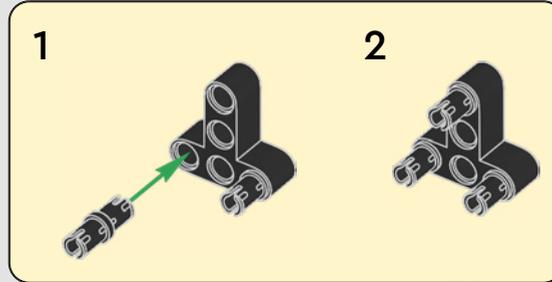


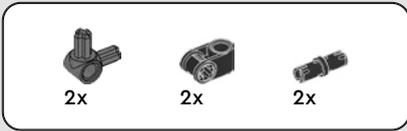


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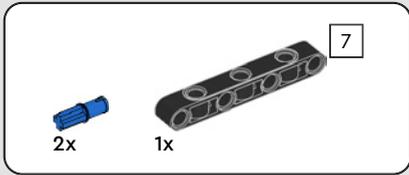
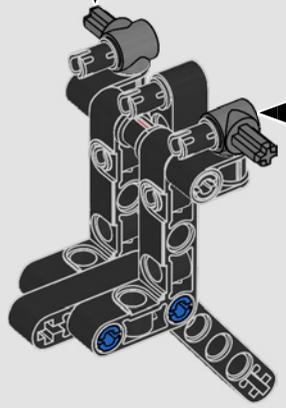
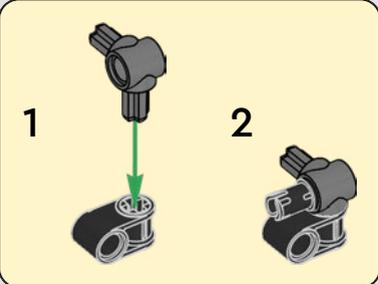
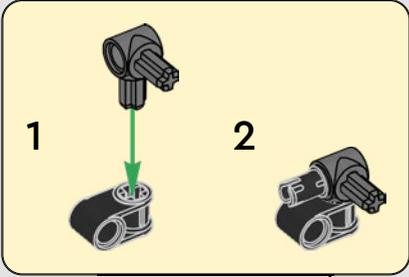


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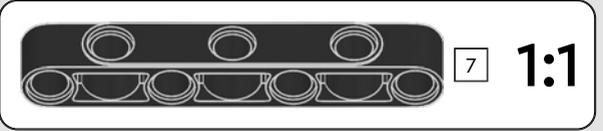
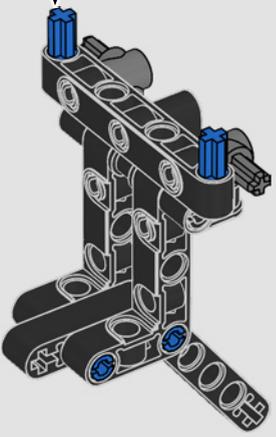
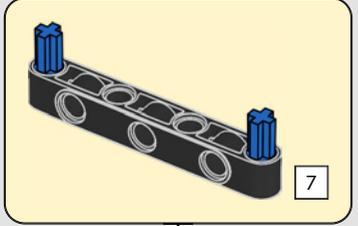


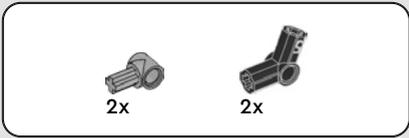


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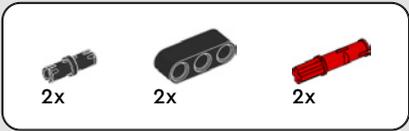
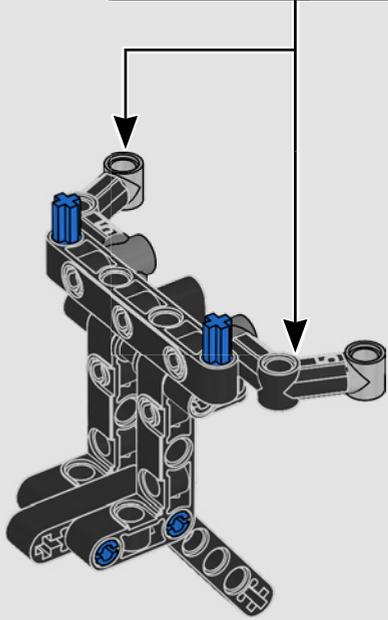
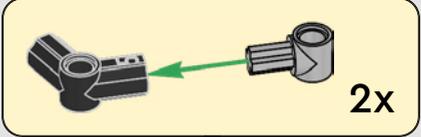


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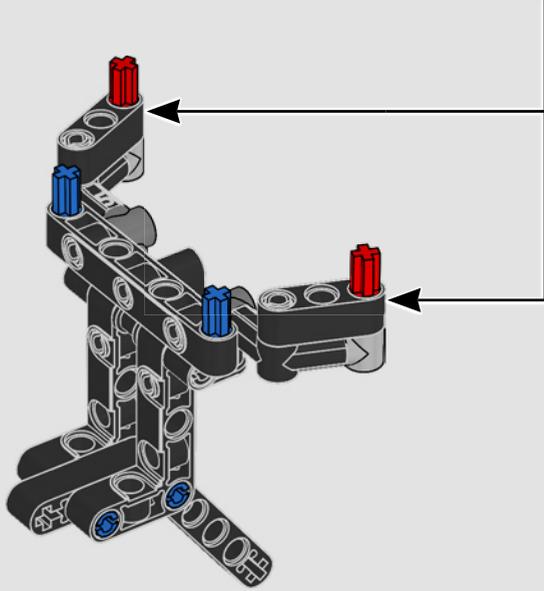
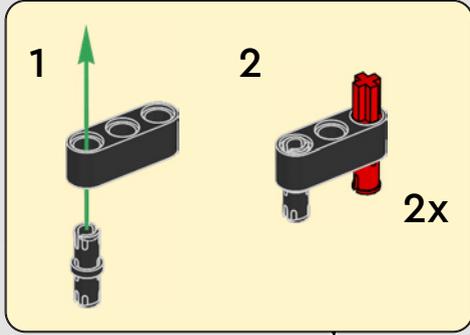


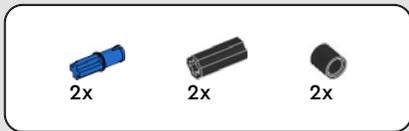


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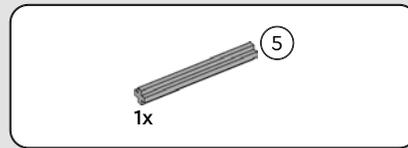
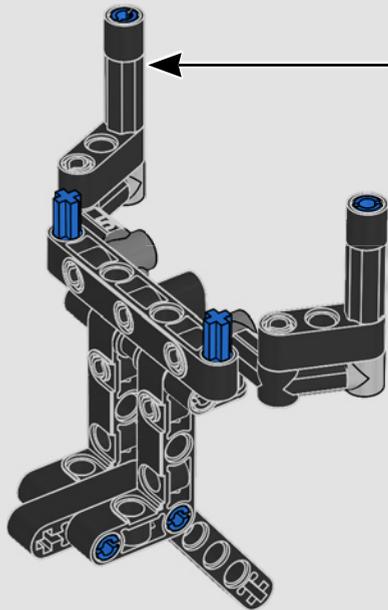
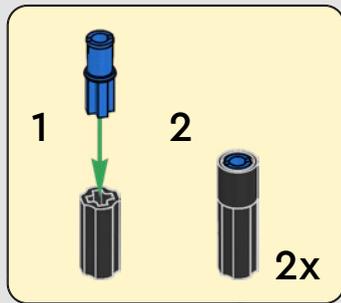


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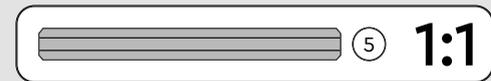
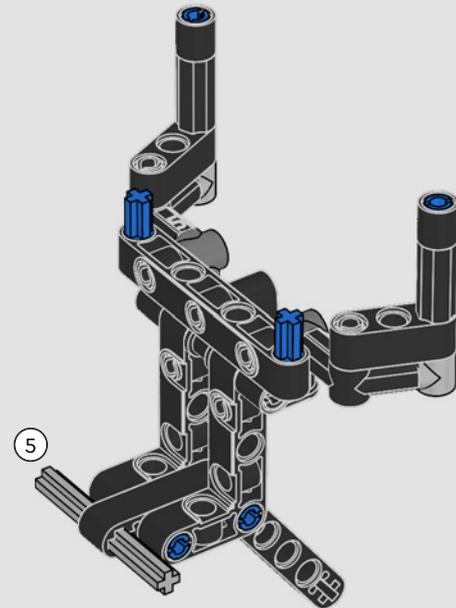




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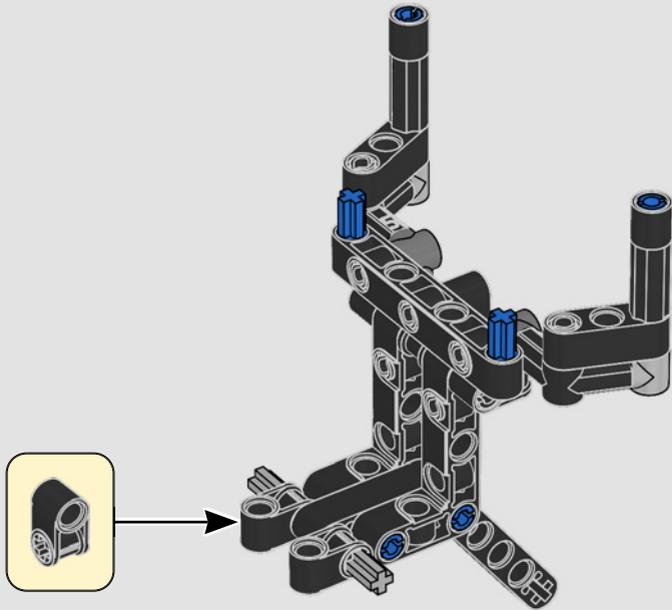
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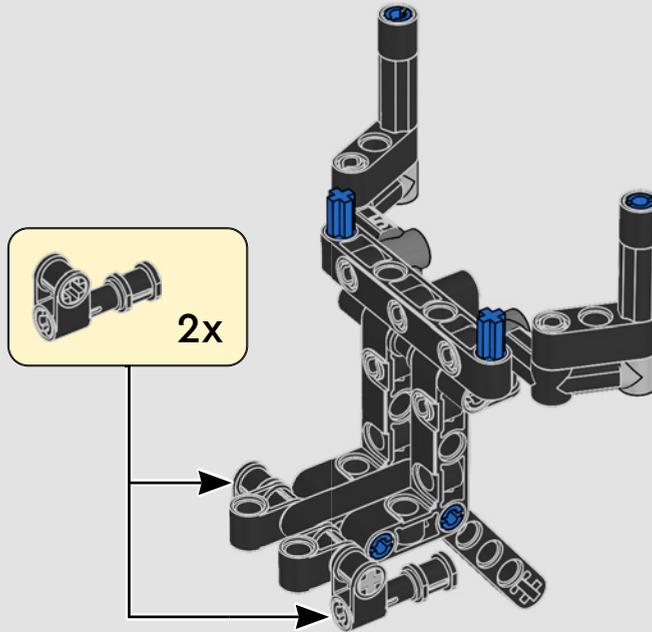


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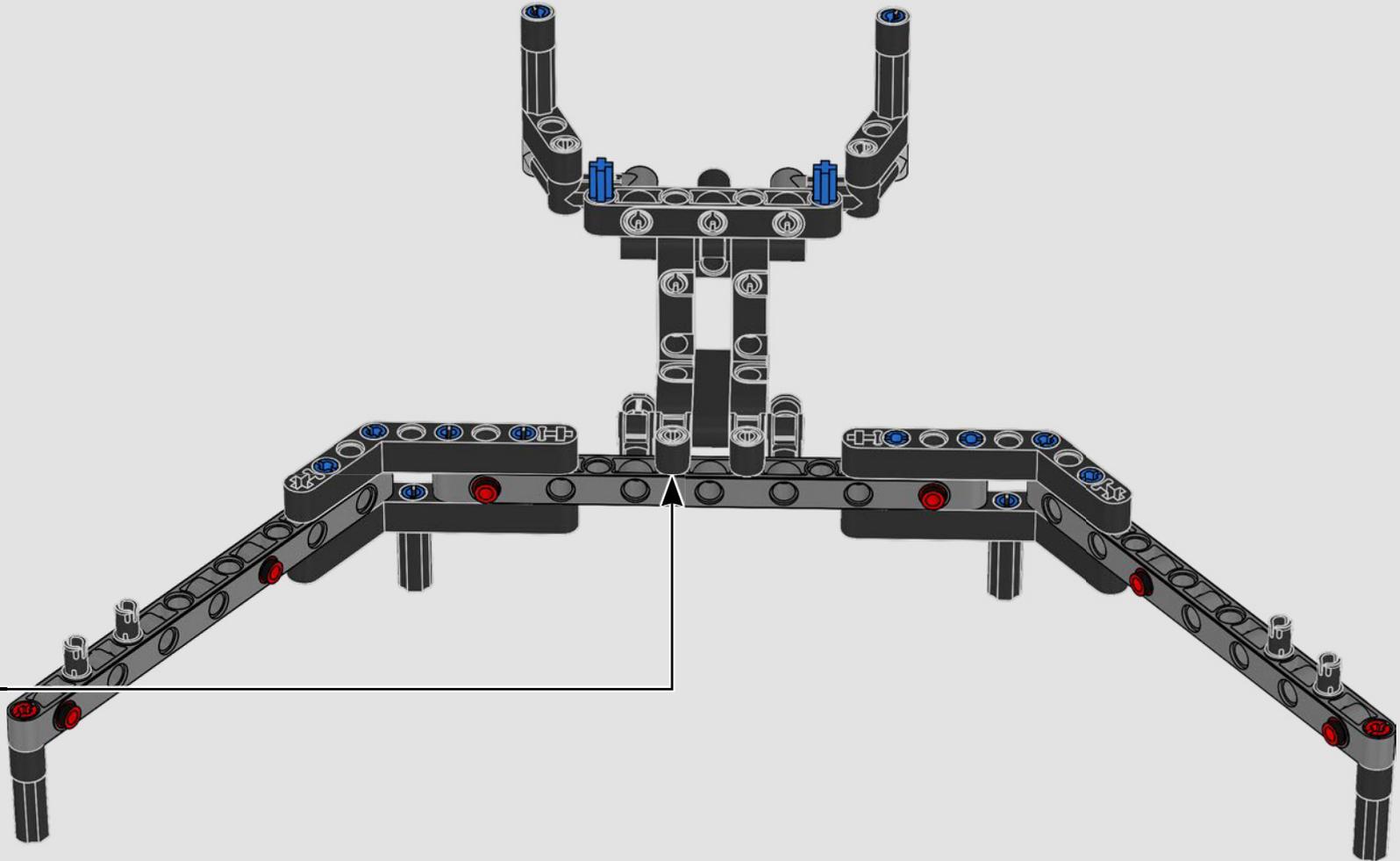


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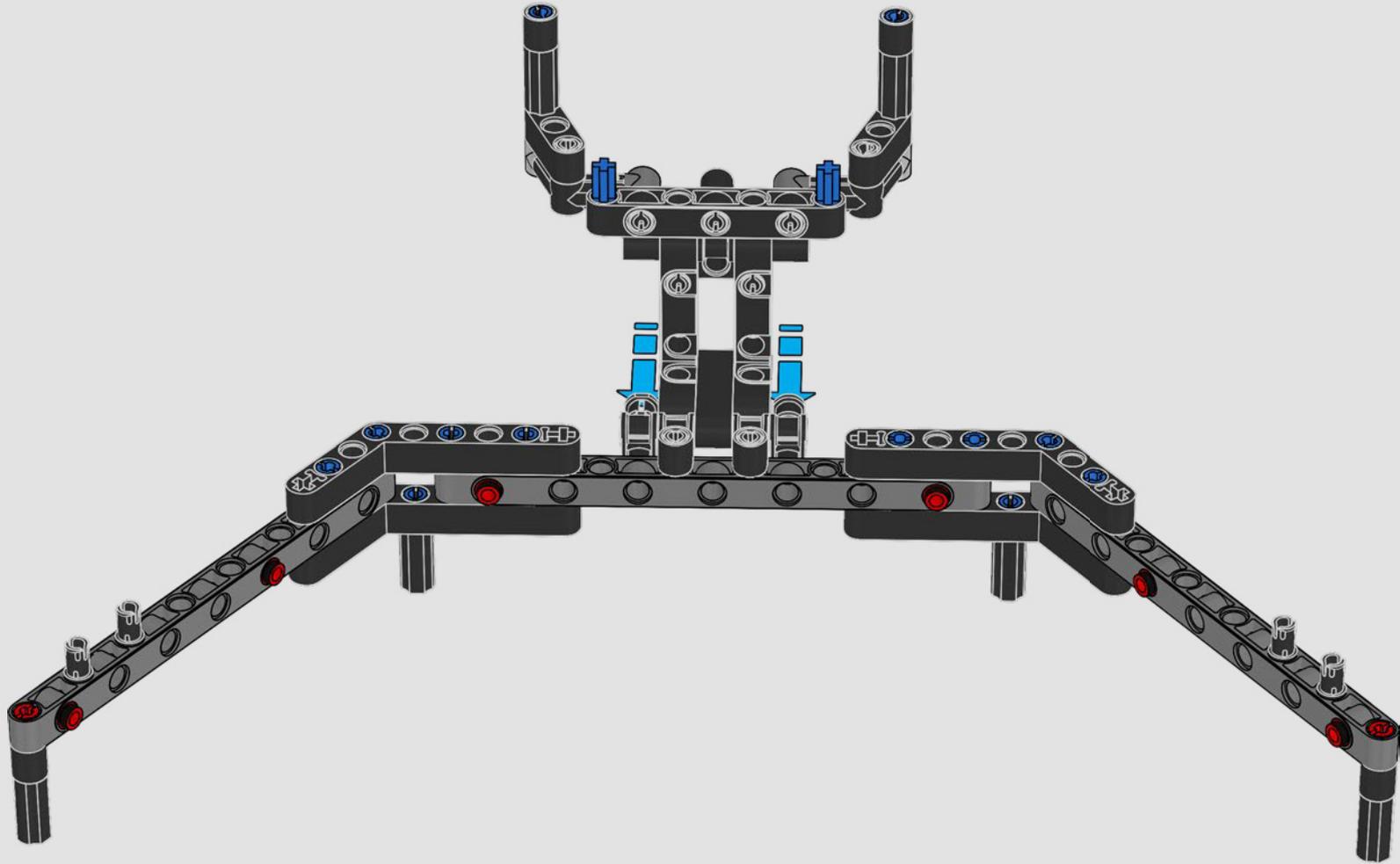
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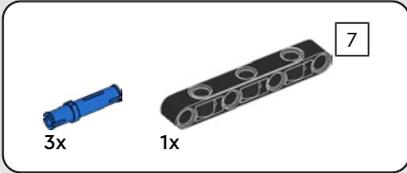
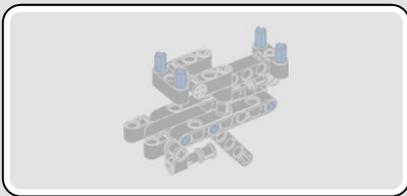


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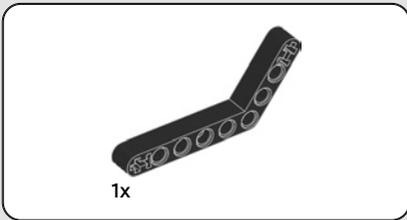
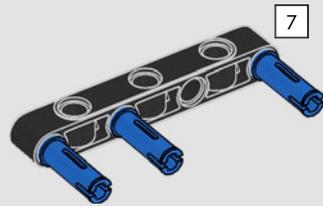


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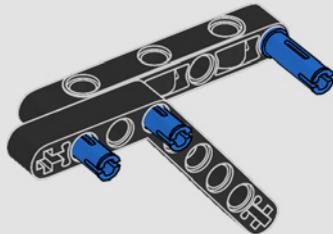




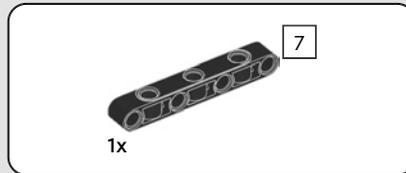
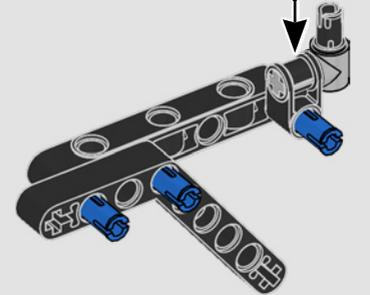
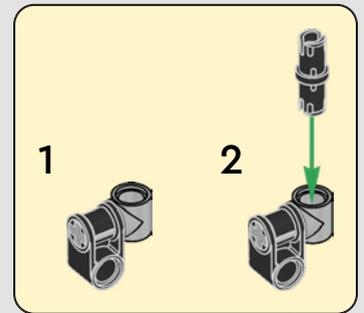
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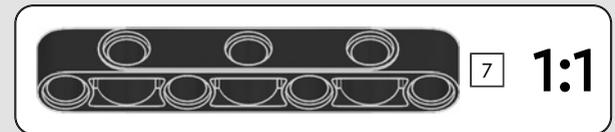
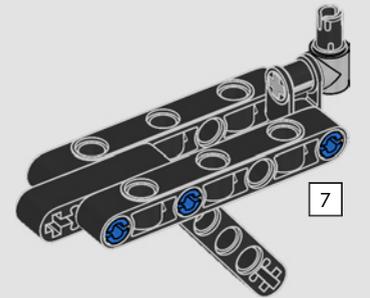
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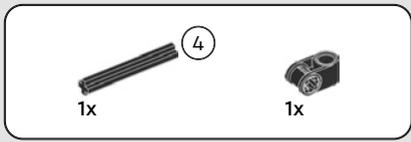


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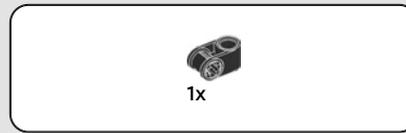
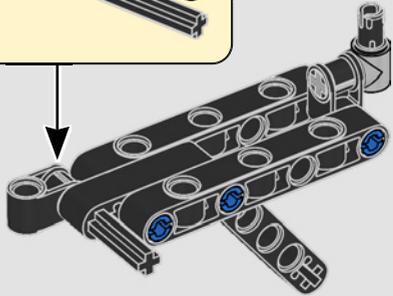
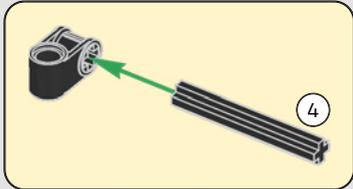


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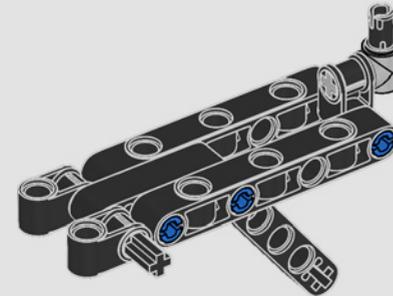


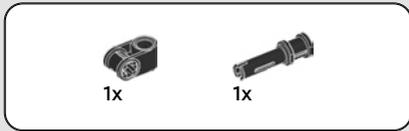


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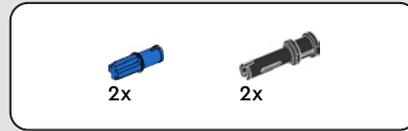
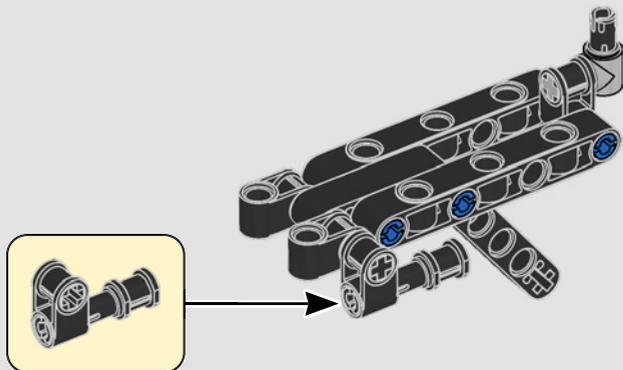


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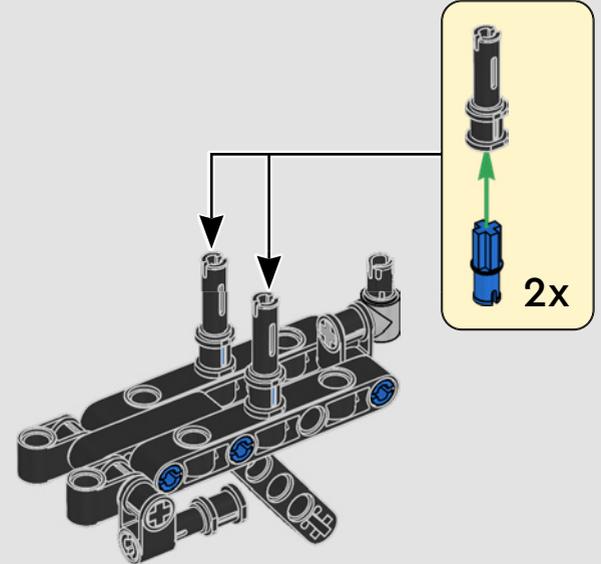


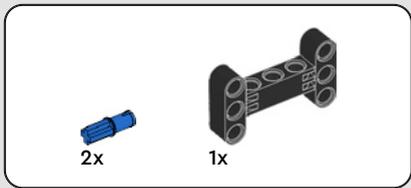


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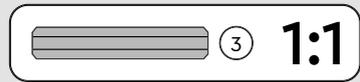
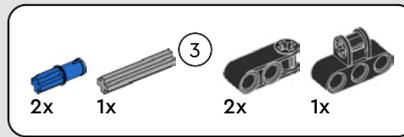
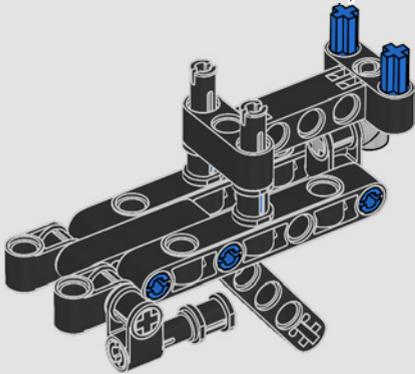
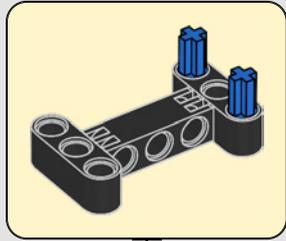


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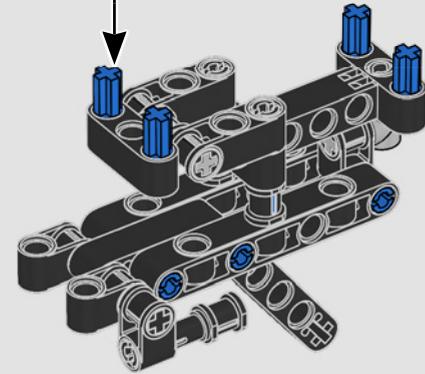
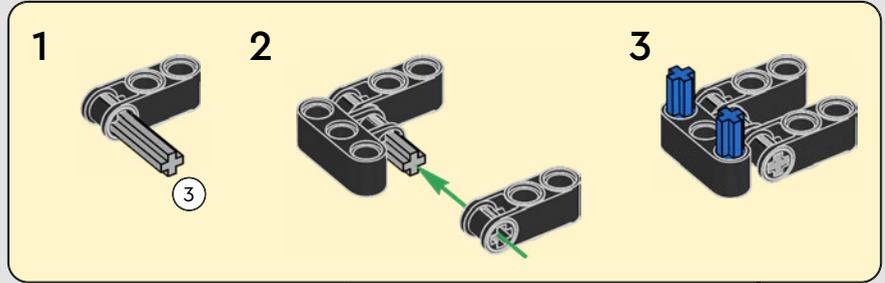




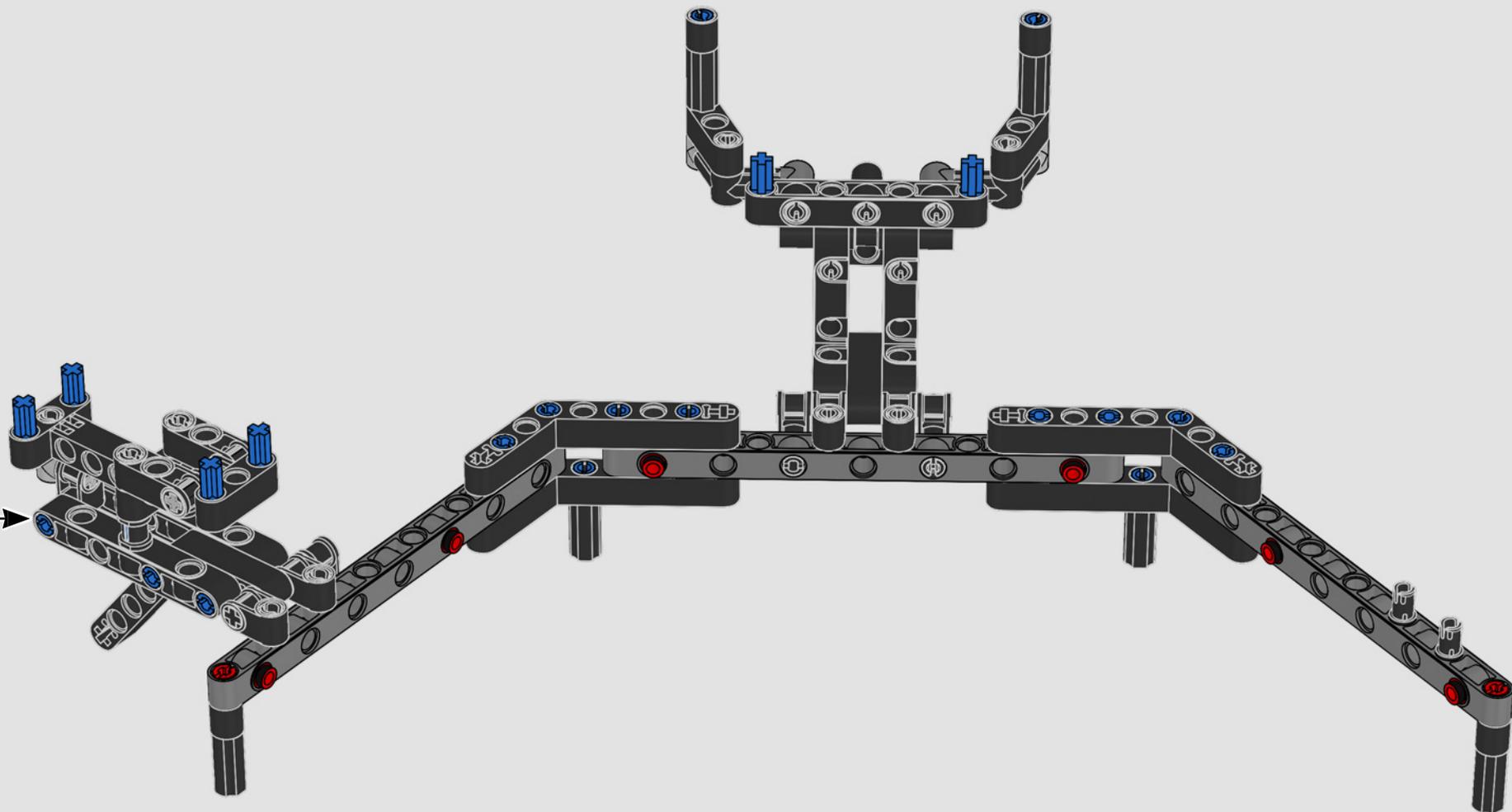
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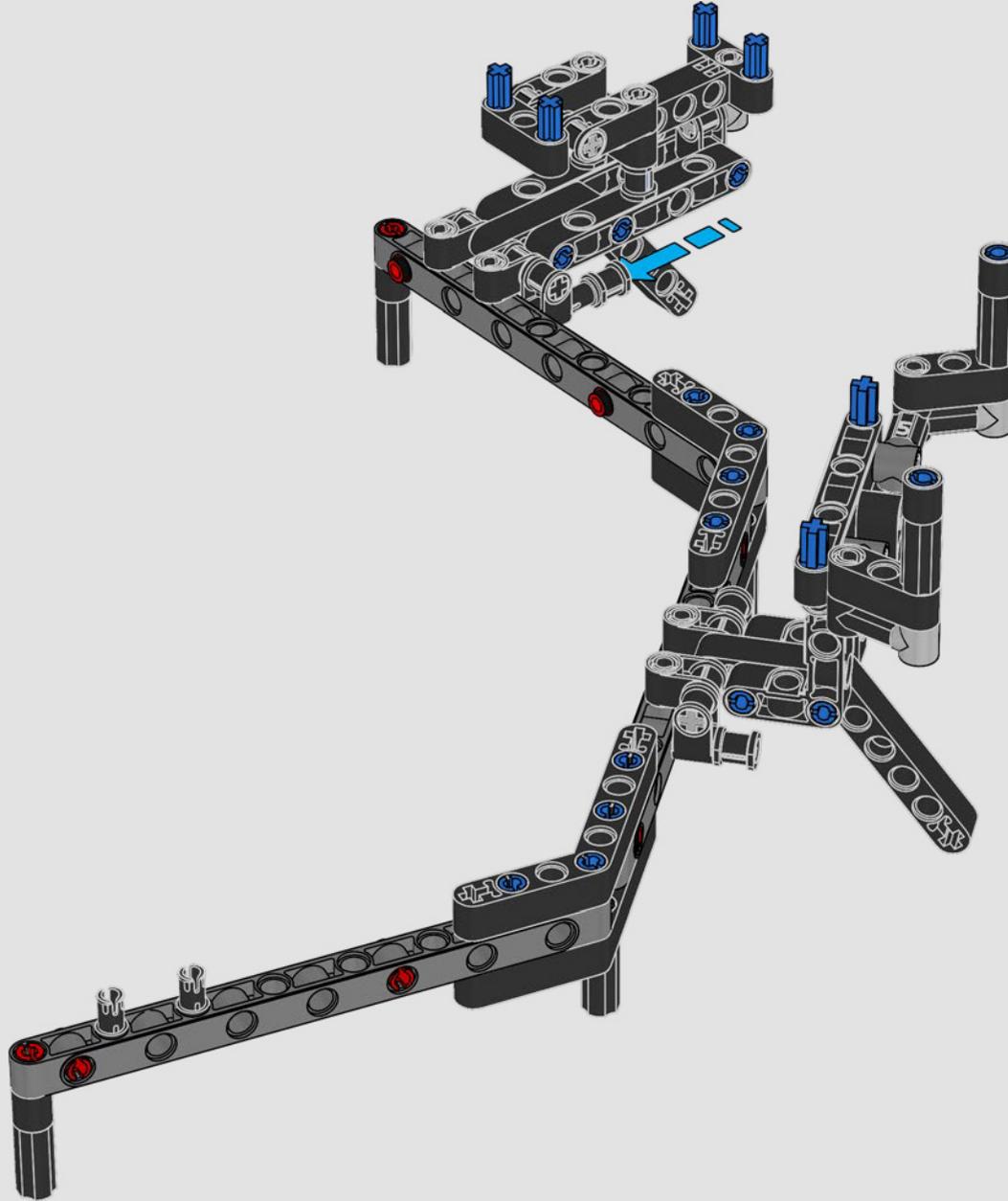
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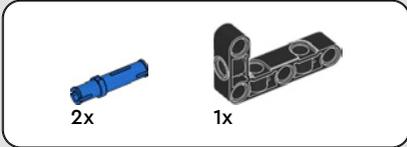
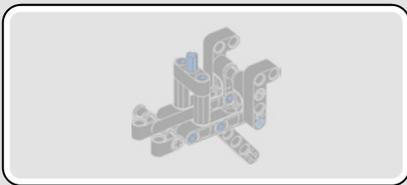


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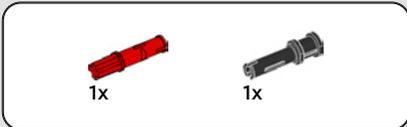
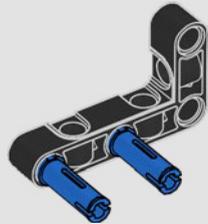


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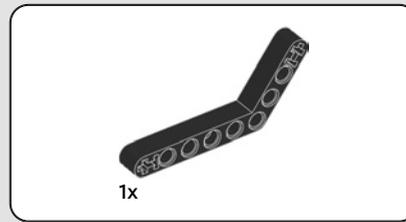
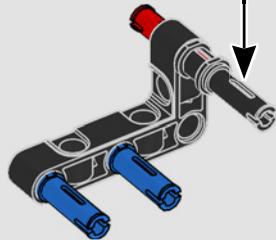
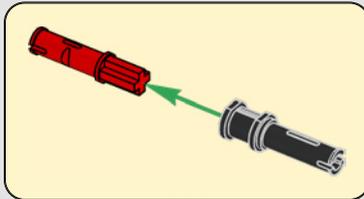




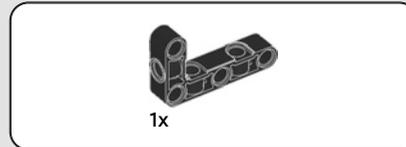
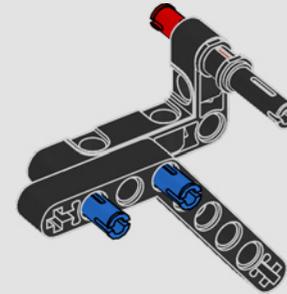
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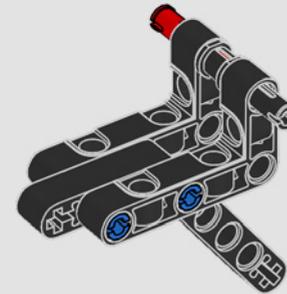
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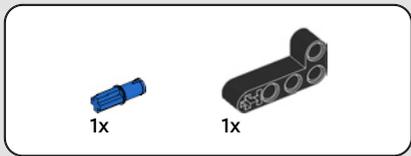


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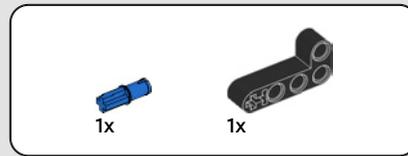
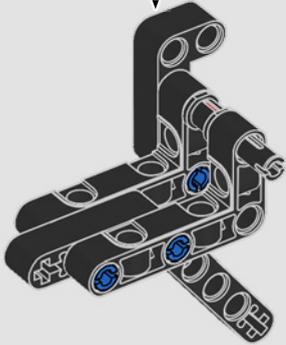
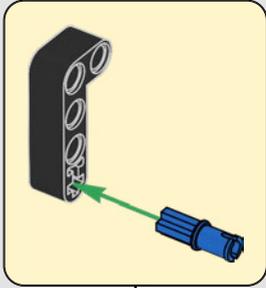


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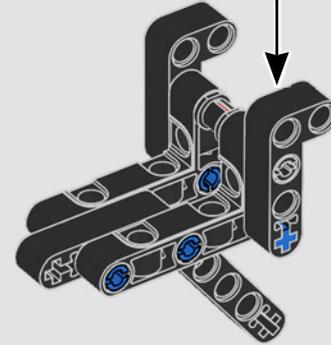
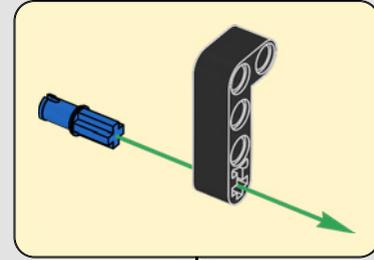


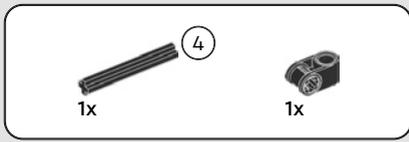


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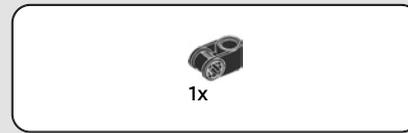
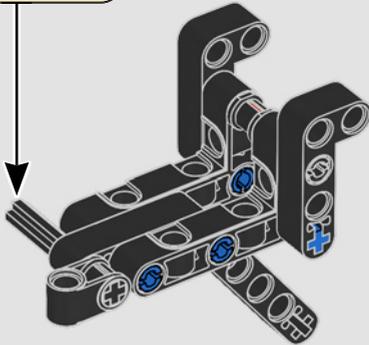
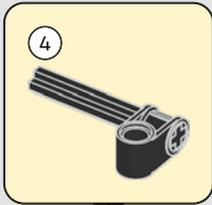


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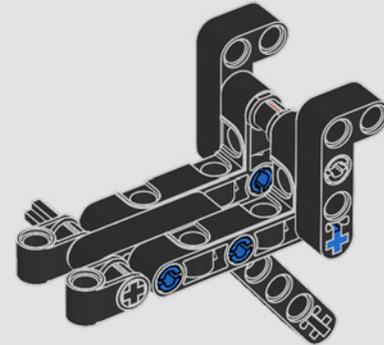


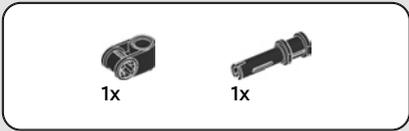


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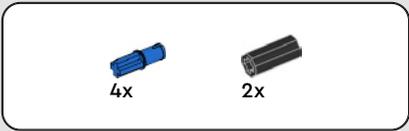
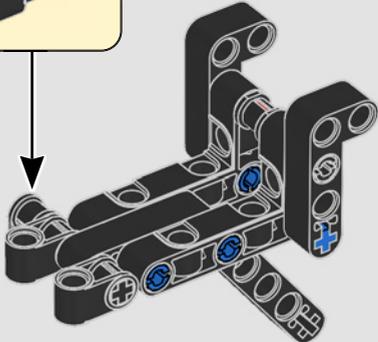


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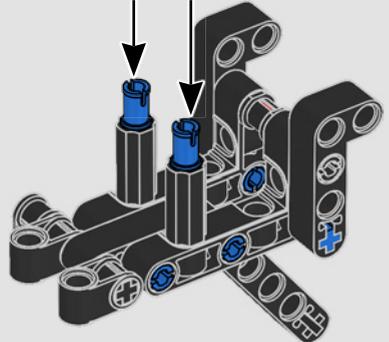
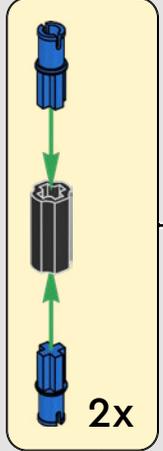




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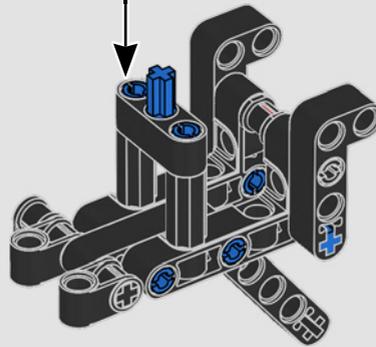
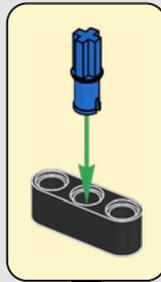


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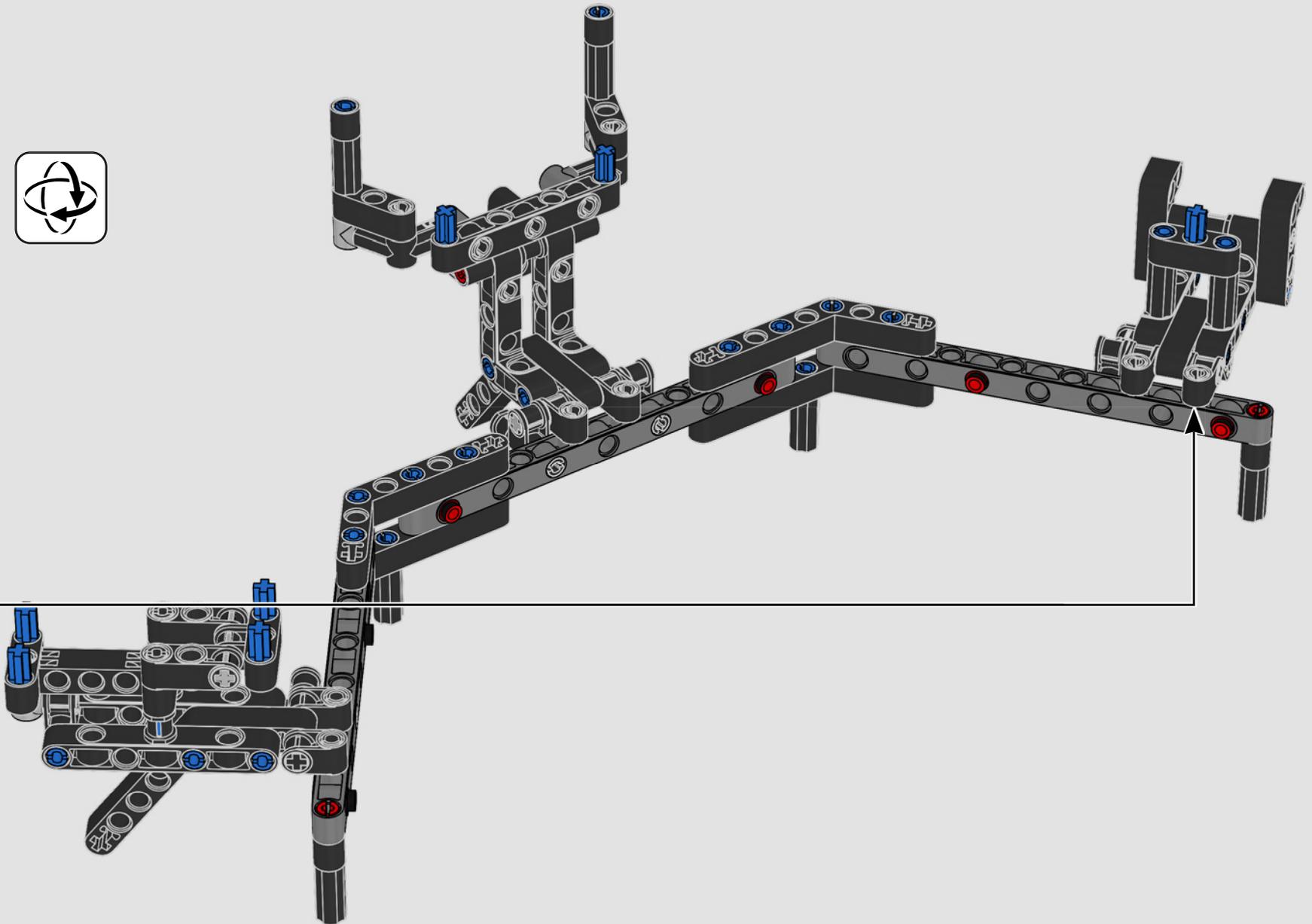




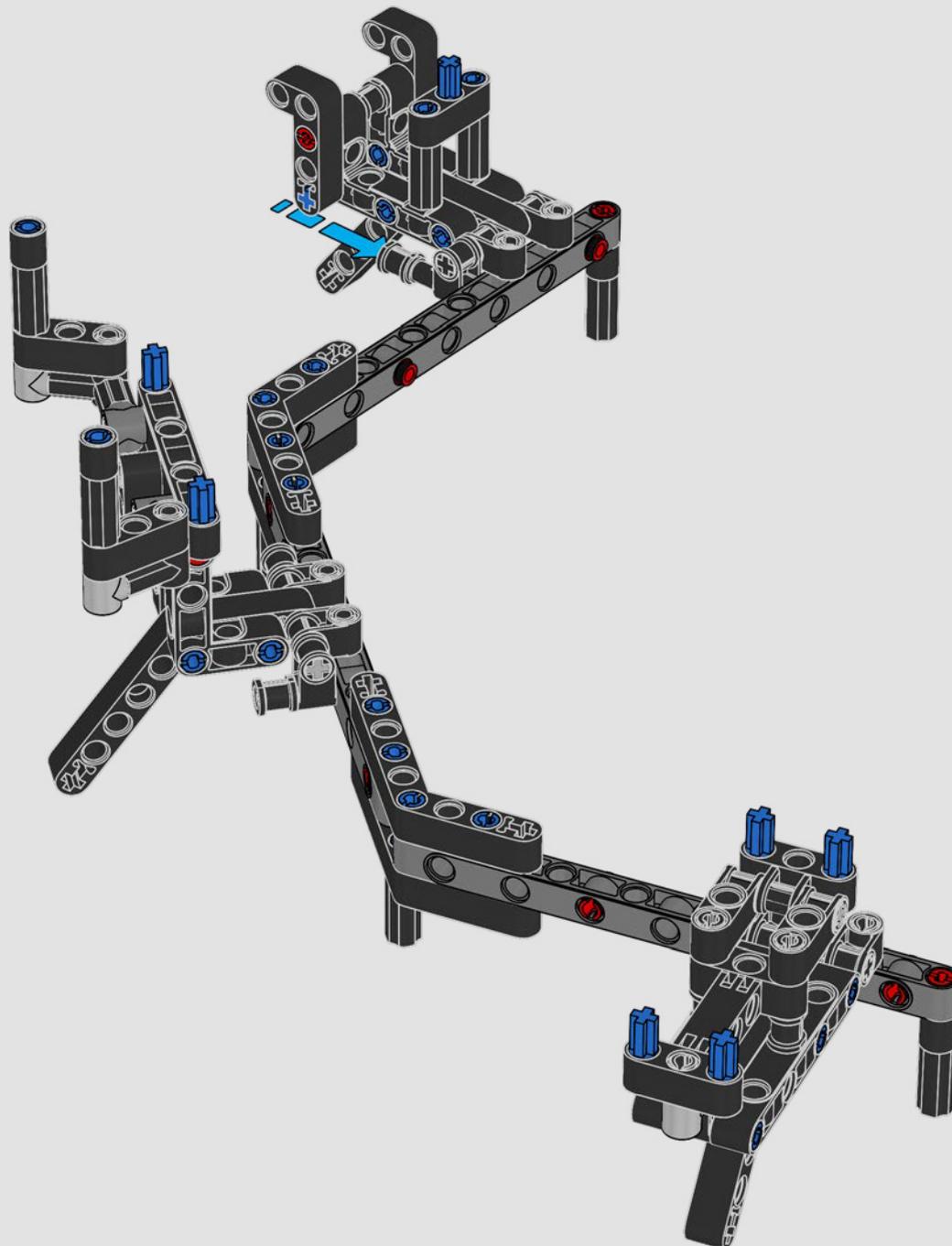
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476



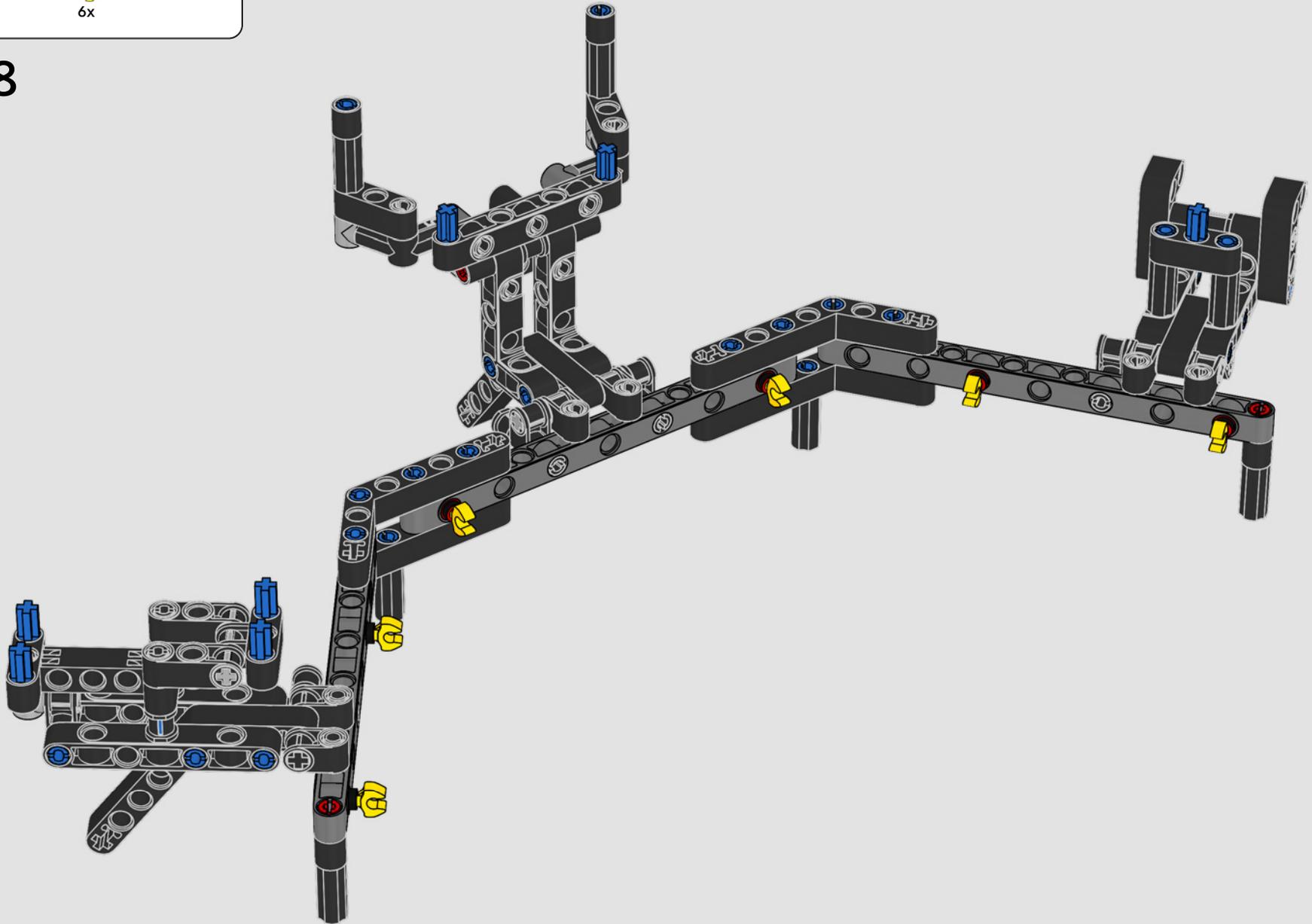
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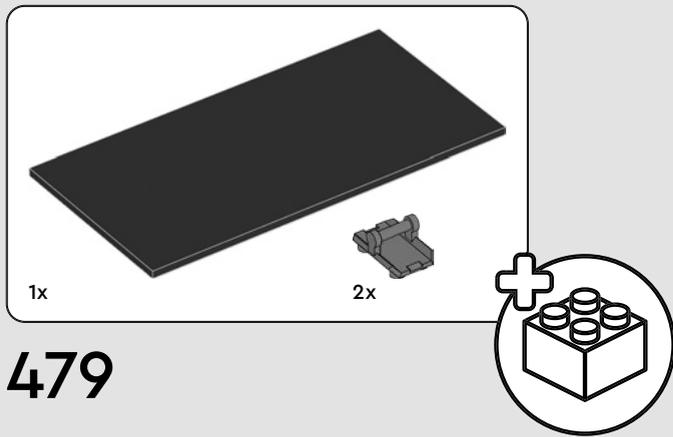




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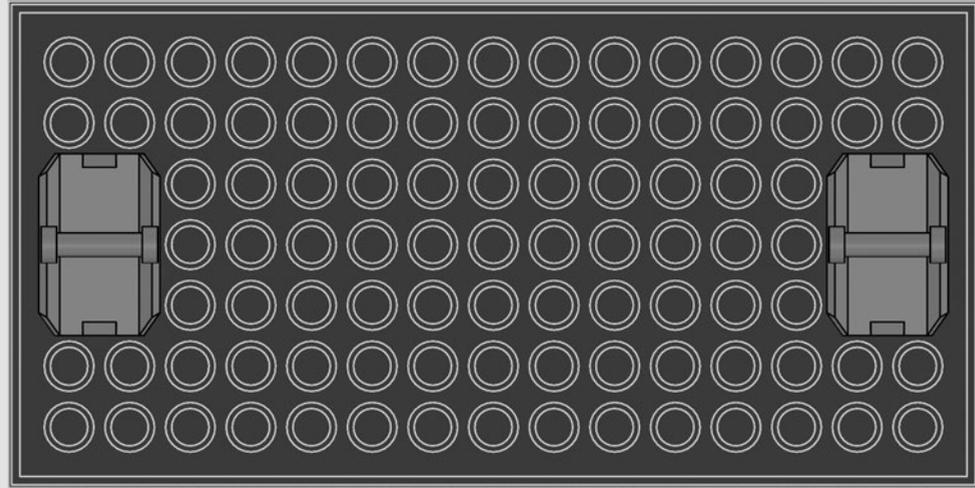
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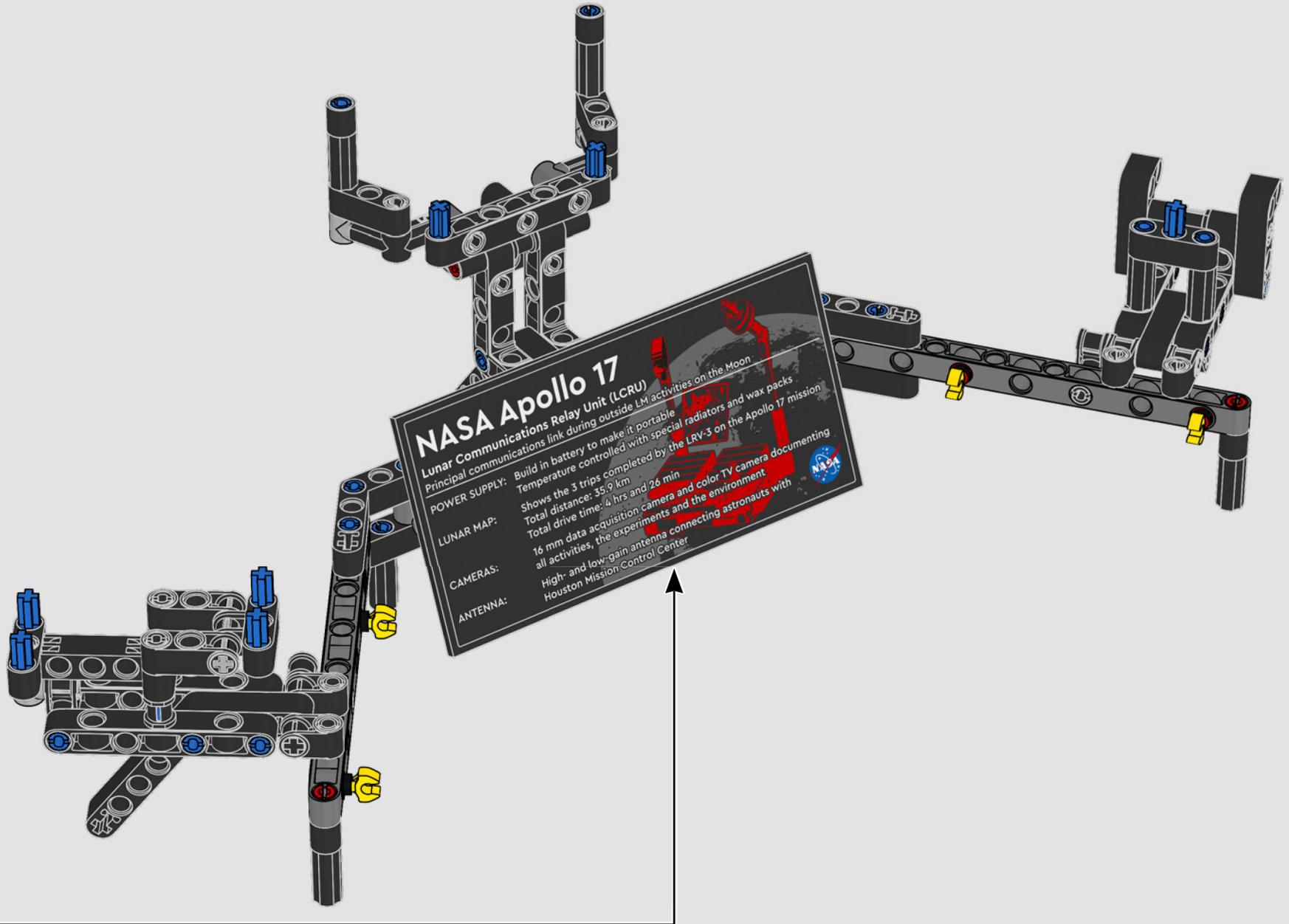
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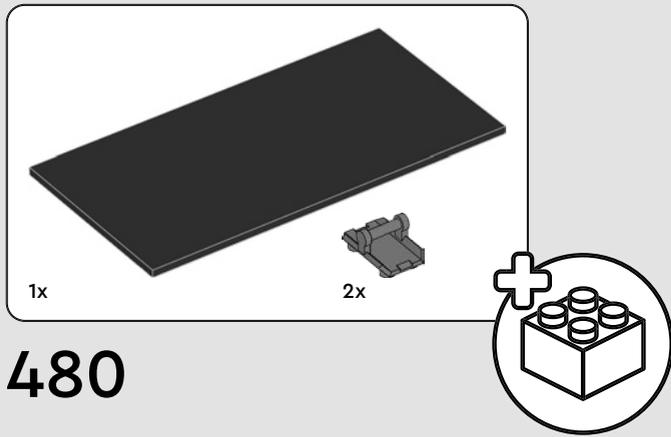


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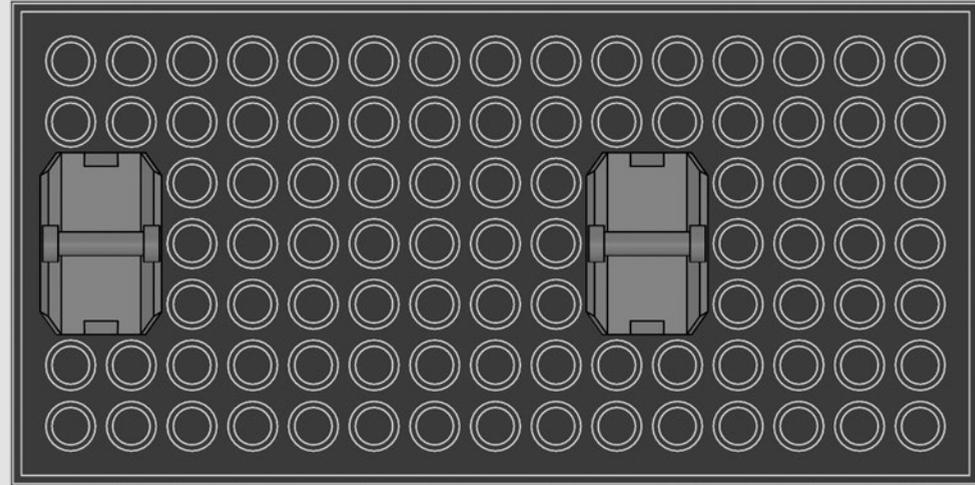






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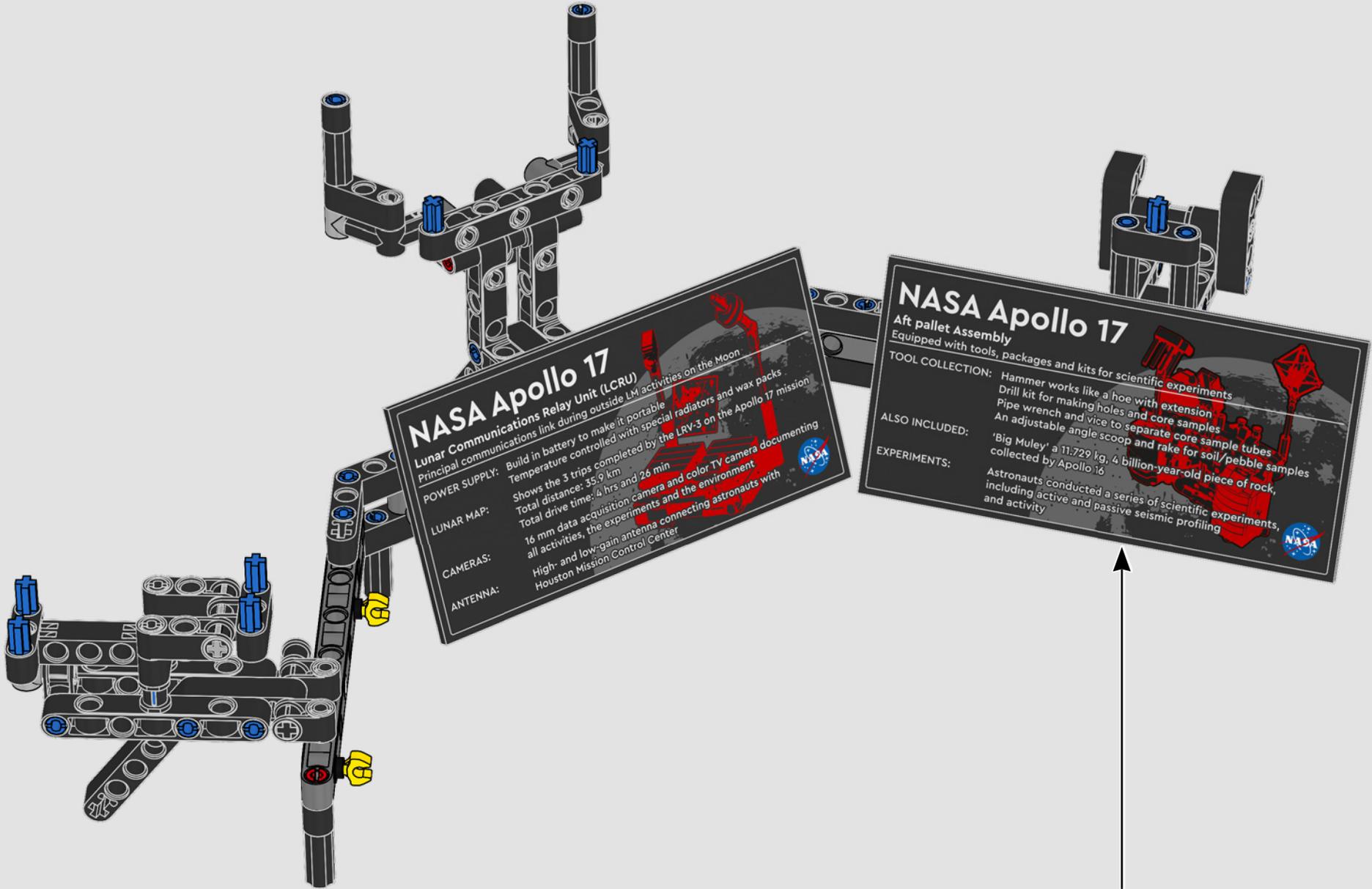
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1:1

2





NASA Apollo 17

Lunar Communications Relay Unit (LCRU)

Principal communications link during outside LM activities on the Moon

POWER SUPPLY: Build in battery to make it portable
Temperature controlled with special radiators and wax packs

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission
Total distance: 35.9 km
Total drive time: 4 hrs and 26 min

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment

ANTENNA: High- and low-gain antenna connecting astronauts with Houston Mission Control Center

NASA Apollo 17

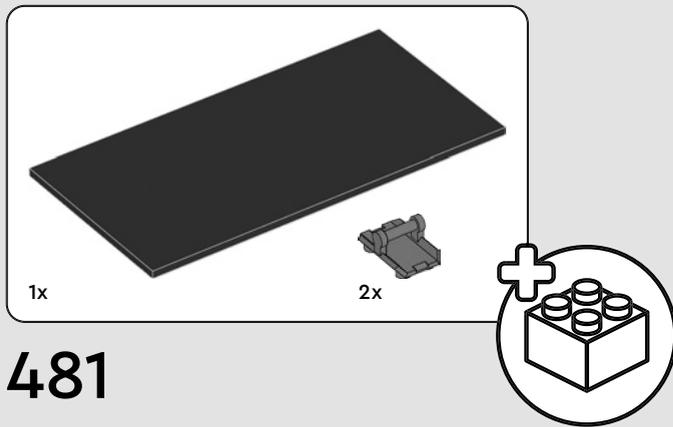
Aft pallet Assembly

Equipped with tools, packages and kits for scientific experiments

TOOL COLLECTION: Hammer works like a hoe with extension
Drill kit for making holes and core samples
Pipe wrench and vice to separate core sample tubes
An adjustable angle scoop and rake for soil/pebble samples

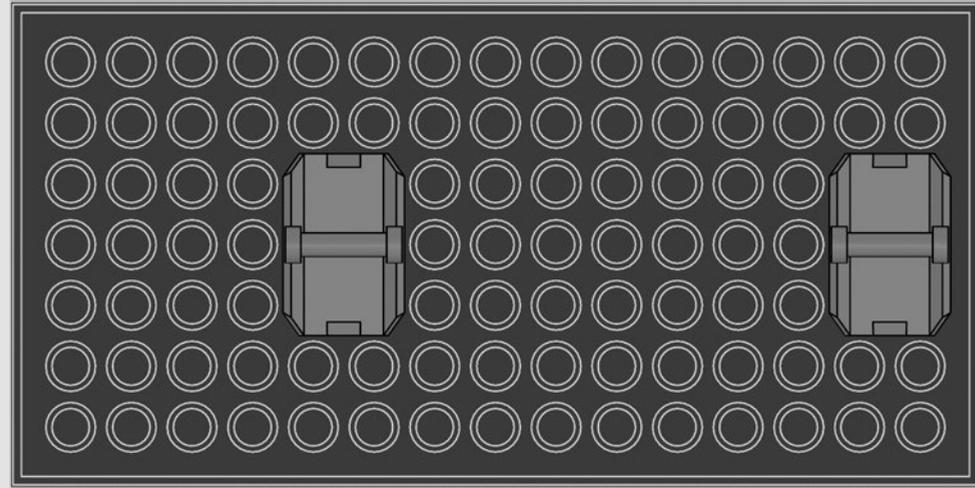
ALSO INCLUDED: 'Big Muley' a 11.729 kg, 4 billion-year-old piece of rock, collected by Apollo 16

EXPERIMENTS: Astronauts conducted a series of scientific experiments, including active and passive seismic profiling and activity



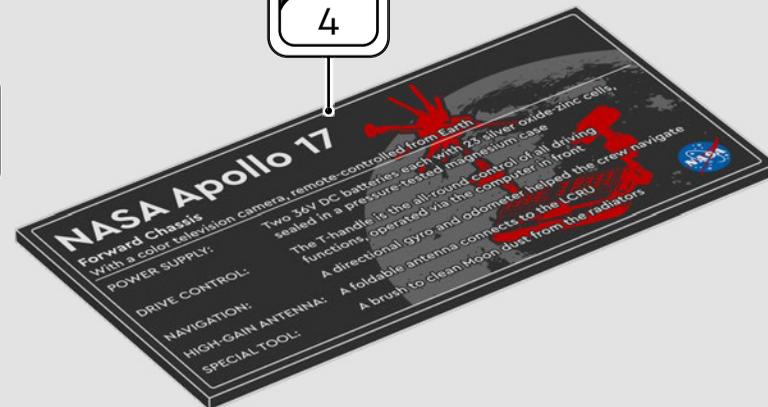
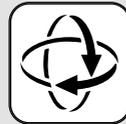
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1



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2





NASA Apollo 17

Forward Chassis

With a color television camera, remote-controlled from Earth

POWER SUPPLY: Two 36V DC batteries each with 23 silver oxide-zinc cells, sealed in a pressure-tested magnesium case

DRIVE CONTROL: The T-handle is the all-round control of all driving functions, operated via the computer in front

NAVIGATION: A directional gyro and odometer helped the crew navigate

HIGH-GAIN ANTENNA: A foldable antenna connects to the LCRU

SPECIAL TOOL: A brush to clean Moon dust from the radiators

NASA Apollo 17

Lunar Communications Relay Unit (LCRU)

Principal communications link during outside LM activities on the Moon

POWER SUPPLY: Build in battery to make it portable
Temperature controlled with special radiators and wax packs

LUNAR MAP: Shows the 3 trips completed with special radiators and wax packs
Total distance: 35,9 km
Total drive time: 4 hrs and 26 min

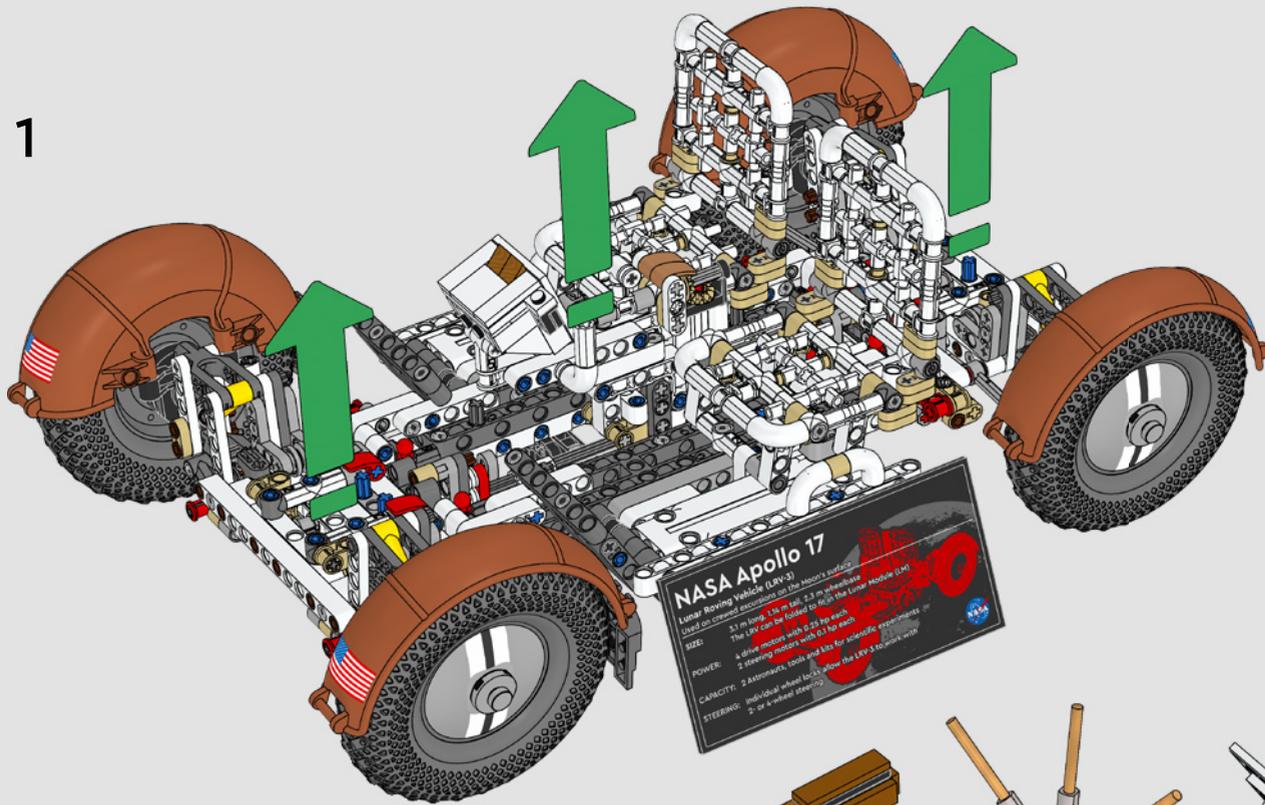
CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment

ANTENNA: High- and low-gain antenna connecting astronauts with Houston Mission Control Center

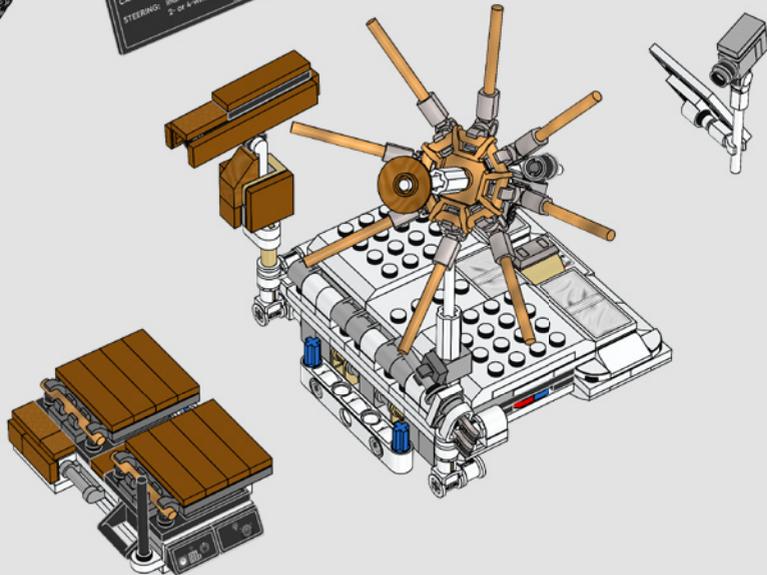
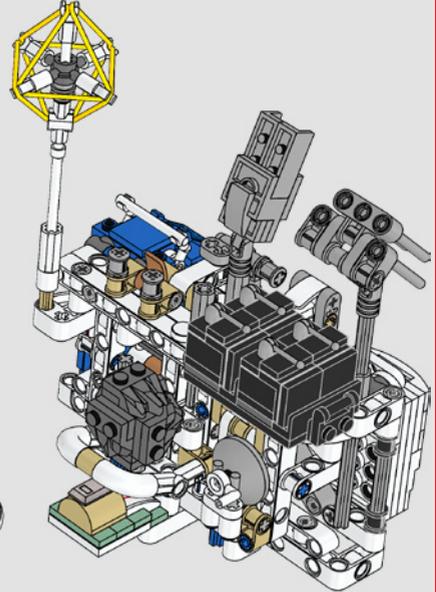
NASA Apollo 17

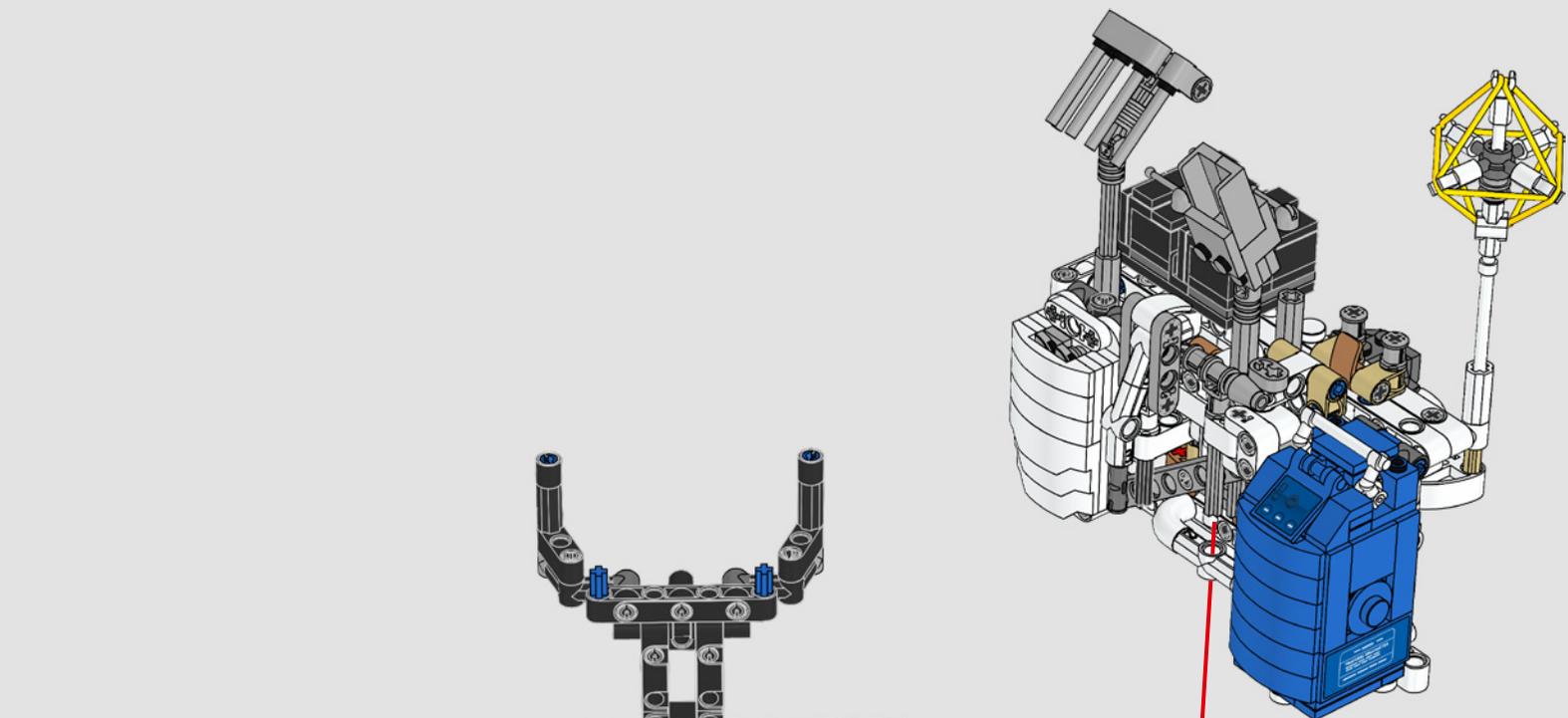
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1



NASA Apollo 17
Lunar Roving Vehicle (LRV-5)
Used on several missions on the Moon's surface.
SIZE: 3.1 m long, 1.14 m wide, 2.3 m wheelbase
The LRV can be loaded to 400 kg.
POWER: 4 drive motors with 0-60 rpm each
3 steering motors with 60-180 rpm each
CAPACITY: 2 Astronauts, tools and bags for scientific experiments
STEERING: Individual wheel locks for the LRV to park with





NASA Apollo 17

Forward Chassis
With a color television camera, remote-controlled from Earth.

POWER SUPPLY: Two 34V DC batteries, each with 24 three-watt zinc cells, sealed in a pressure vessel, magnesium case.

DRIVE CONTROL: The 1 handle is the off-road control of all driving functions, operated via the computer interface.

NAVIGATION: A directional gyro and compass located the crew's progress.

SPECIAL TOOL: A built-in clinometer, due from the radiators.

NASA Apollo 17

Lunar Communications Relay Unit (LCRU)
Principal communications link during outside LM activities on the Moon.

POWER SUPPLY: Build in battery to make it portable. Temperature controlled with special radiators and wax packs.

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission. Total distance: 35.9 km. Total drive time: 4 hrs and 26 min.

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment.

ANTENNA: High- and low-gain antenna connecting astronauts with Houston Mission Control Center.

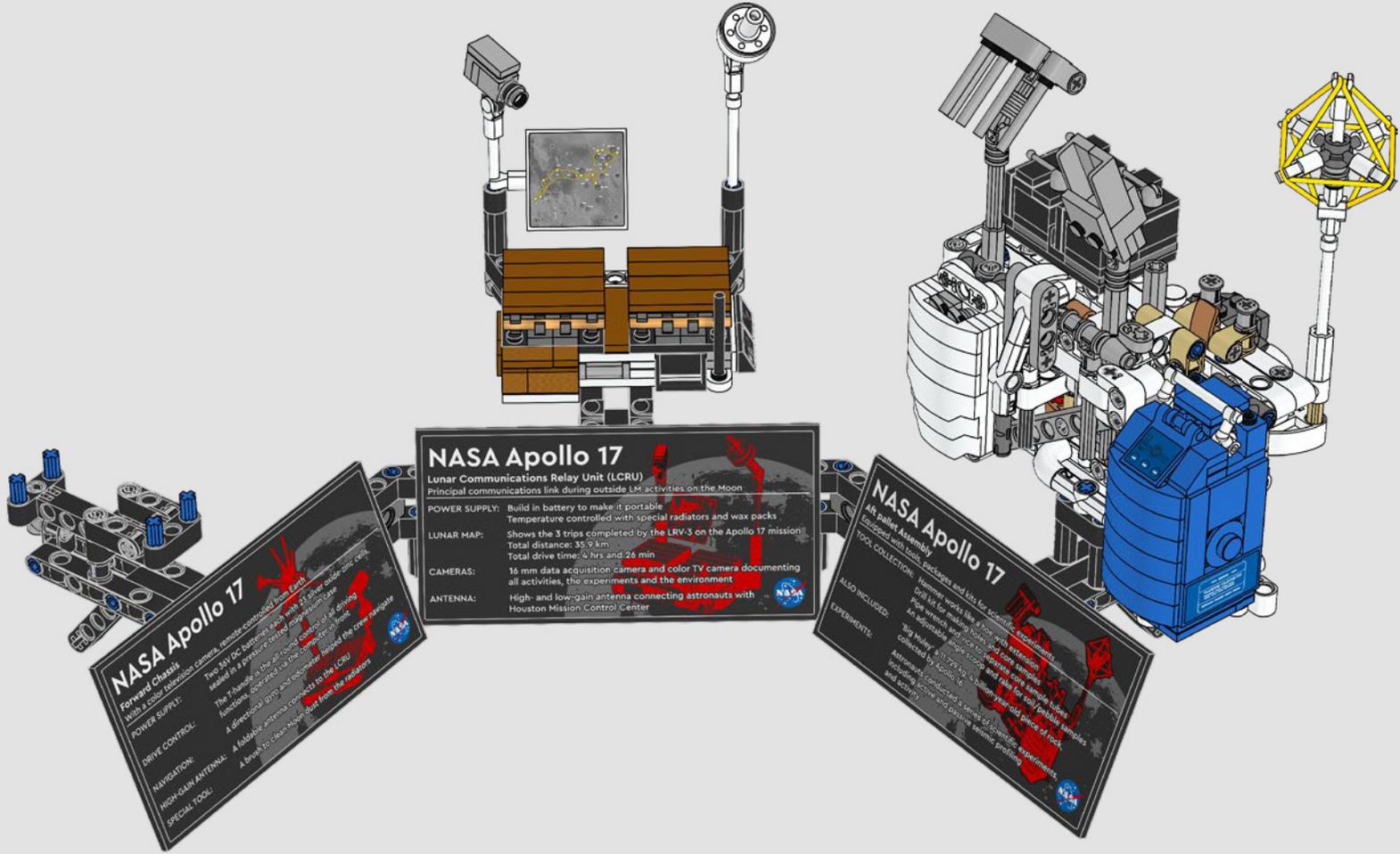
NASA Apollo 17

Air Pallet Assembly
Equipped with tools, packages and kits for scientific experiments.

TOOL COLLECTION: Hammer, wrench, screwdriver, pliers, and other tools for scientific experiments.

ALSO INCLUDED: Hammer, wrench, screwdriver, pliers, and other tools for scientific experiments.

EXPERIMENTS: "Big Muley" collected 1177g of lunar soil and rock for early public release. Astronaut conducted a series of scientific experiments, including core sampling and rock for early public release.



NASA Apollo 17
Forward Chassis
 Two 3V DC batteries (not with 25 other side-entrance cables in a pressure vessel) and maximum case
 The Phasid in the self-round control of driving
 functions, control on the computer system.
 A diagonal antenna connects to the LCRU
 A brush to clean Moon dust from the telescope

NASA Apollo 17
Lunar Communications Relay Unit (LCRU)
 Principal communications link during outside LM activities on the Moon

POWER SUPPLY: Build in battery to make it portable
 Temperature controlled with special radiators and wax packs

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission
 Total distance: 35.9 km
 Total drive time: 4 hrs and 26 min

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment

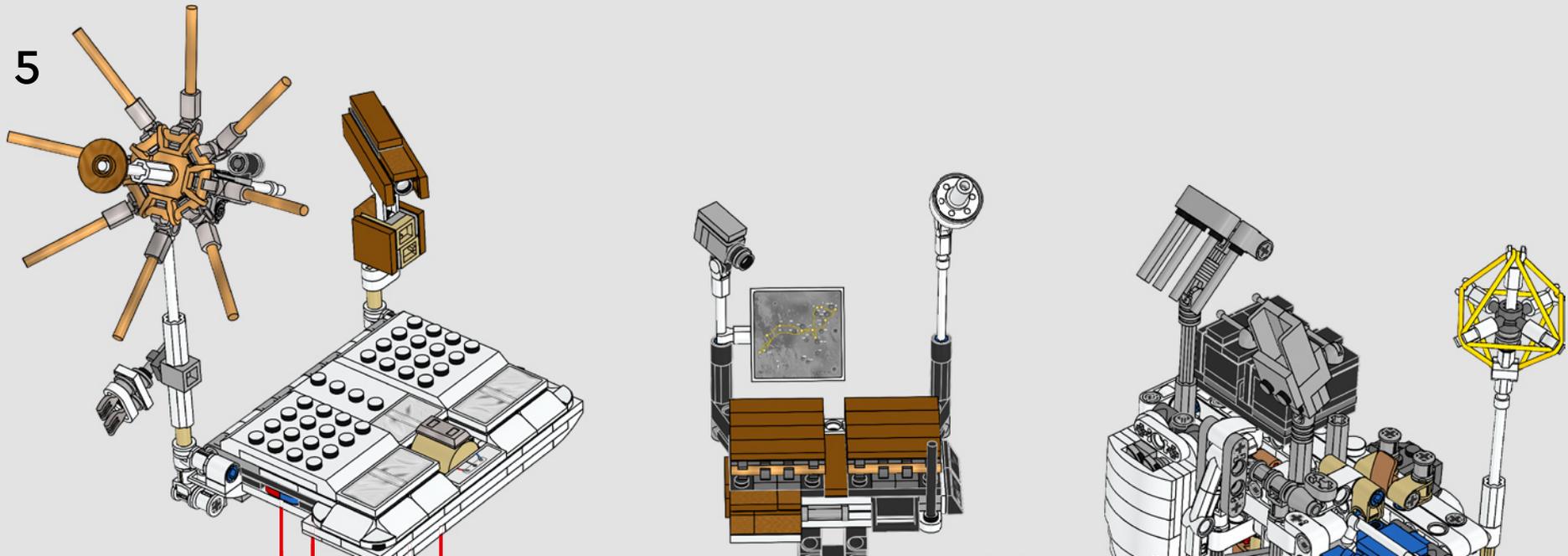
ANTENNA: High- and low-gain antenna connecting astronauts with Houston Mission Control Center

NASA Apollo 17
Alt. pallet Assembly
 Equipped with tools, packages and kits for scientific experiments

TOOL COLLECTION: Hammer works like a hammer with extension
 pin bit for making holes in rock and core samples
 pipe wrench and nut driver
 An adjustable pipe cutter and ratchet for soil samples
 Astronauts collected 117.7 kg of lunar material
 including 38.1 kg of lunar rock and 28.3 kg of lunar soil
 and activity

EXPERIMENTS: Conducted a series of scientific experiments
 including active and passive seismic monitoring
 and activity

5



NASA Apollo 17

Forward Grabs
This SIV DC battery pack, with 21 three-cell one-cell, nickel-cadmium batteries, is used to power the LCRU. The 1 handle is the antenna controller. The 2 functions, located on the top, control all driving functions, except for the antenna controller.

POWER SUPPLY: Build in battery to make it portable. Temperature controlled with special radiators and wax packs.

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission. Total distance: 35.9 km. Total drive time: 6 hrs and 26 min.

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment.

ANTENNA: High- and low-gain antennas connecting astronauts with Houston Mission Control Center.

SPECIAL TOOL: A broom to clean dust from the radiators.

NASA Apollo 17

Lunar Communications Relay Unit (LCRU)
Principal communications link during outside LM activities on the Moon.

POWER SUPPLY: Build in battery to make it portable. Temperature controlled with special radiators and wax packs.

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission. Total distance: 35.9 km. Total drive time: 6 hrs and 26 min.

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment.

ANTENNA: High- and low-gain antennas connecting astronauts with Houston Mission Control Center.

NASA Apollo 17

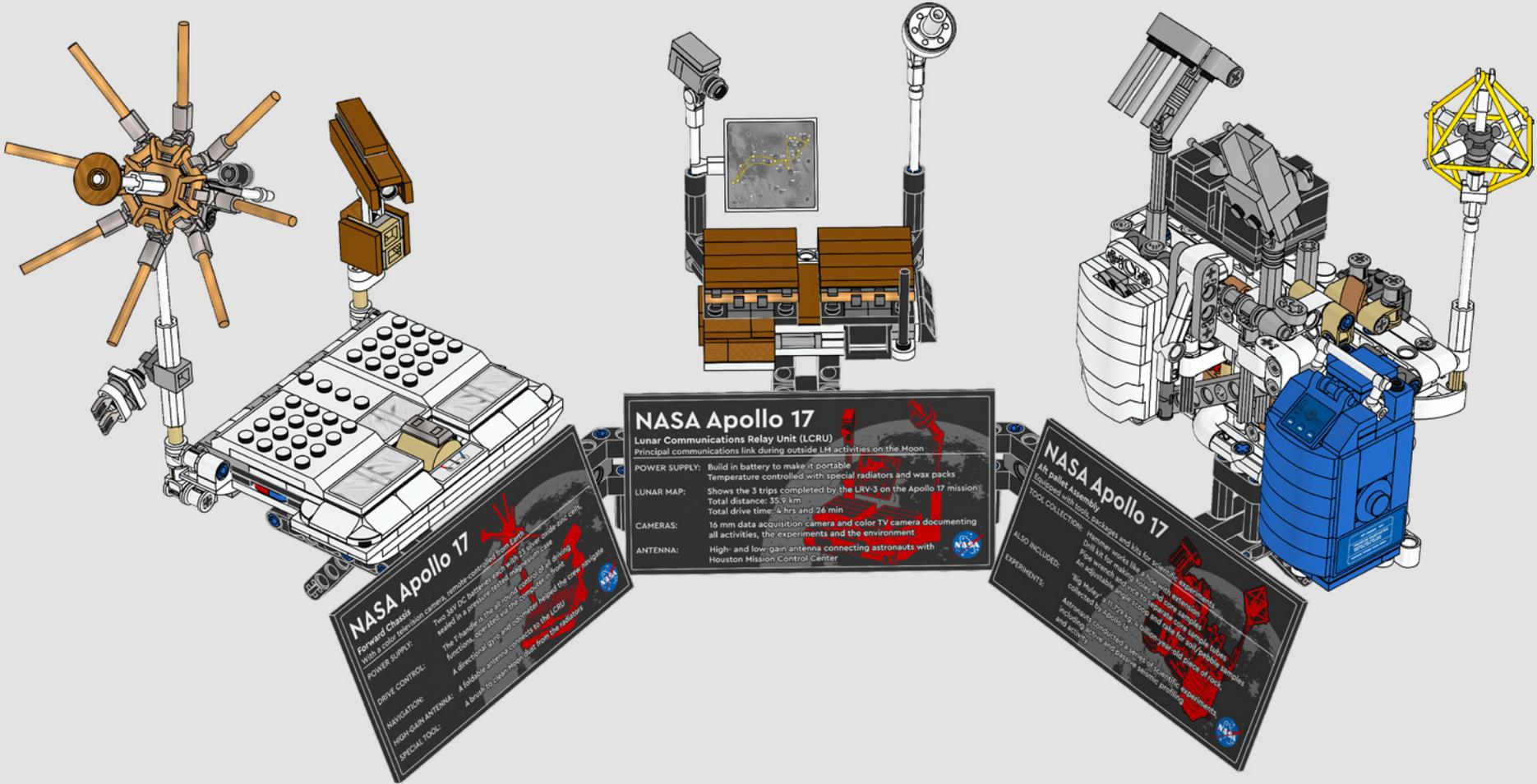
4x pallet Assembly
Equip with tool, packages and kits for scientific experiments.

TOOL COLLECTION: Hammer, work file, screwdriver, extension drill kit for making holes in rock, cone sampler, pipe wrench, wrench, and cone sampler. An adjustable angle scope and eye for soil/puddle samples collected by Apollo 17.

ALSO INCLUDED: Big heavy-duty tripod, 16 mm camera, 16 mm color TV camera, and eye for soil/puddle samples. A special tool to clean dust from the radiators.

EXPERIMENTS: Astronauts conduct a series of scientific experiments including a picture and a pressure sensitive printing.





NASA Apollo 17

Forward Chassis
The 34V DC batteries were held in a weather-rated aluminum case. The handle is the ground terminal of a driving function, located in the center of the chassis. A directional gyro and solenoid connect to the LCRU. A bronze to cyan module from the radiator.

POWER SUPPLY: Build in battery to make it portable. Temperature controlled with special radiators and wax packs.

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission. Total distance: 35.9 km. Total drive time: 4 hrs and 26 min.

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment.

ANTENNA: High- and low-gain antenna connecting astronauts with Houston Mission Control Center.

NASA Apollo 17

Lunar Communications Relay Unit (LCRU)
Principal communications link during outside LM activities on the Moon.

POWER SUPPLY: Build in battery to make it portable. Temperature controlled with special radiators and wax packs.

LUNAR MAP: Shows the 3 trips completed by the LRV-3 on the Apollo 17 mission. Total distance: 35.9 km. Total drive time: 4 hrs and 26 min.

CAMERAS: 16 mm data acquisition camera and color TV camera documenting all activities, the experiments and the environment.

ANTENNA: High- and low-gain antenna connecting astronauts with Houston Mission Control Center.

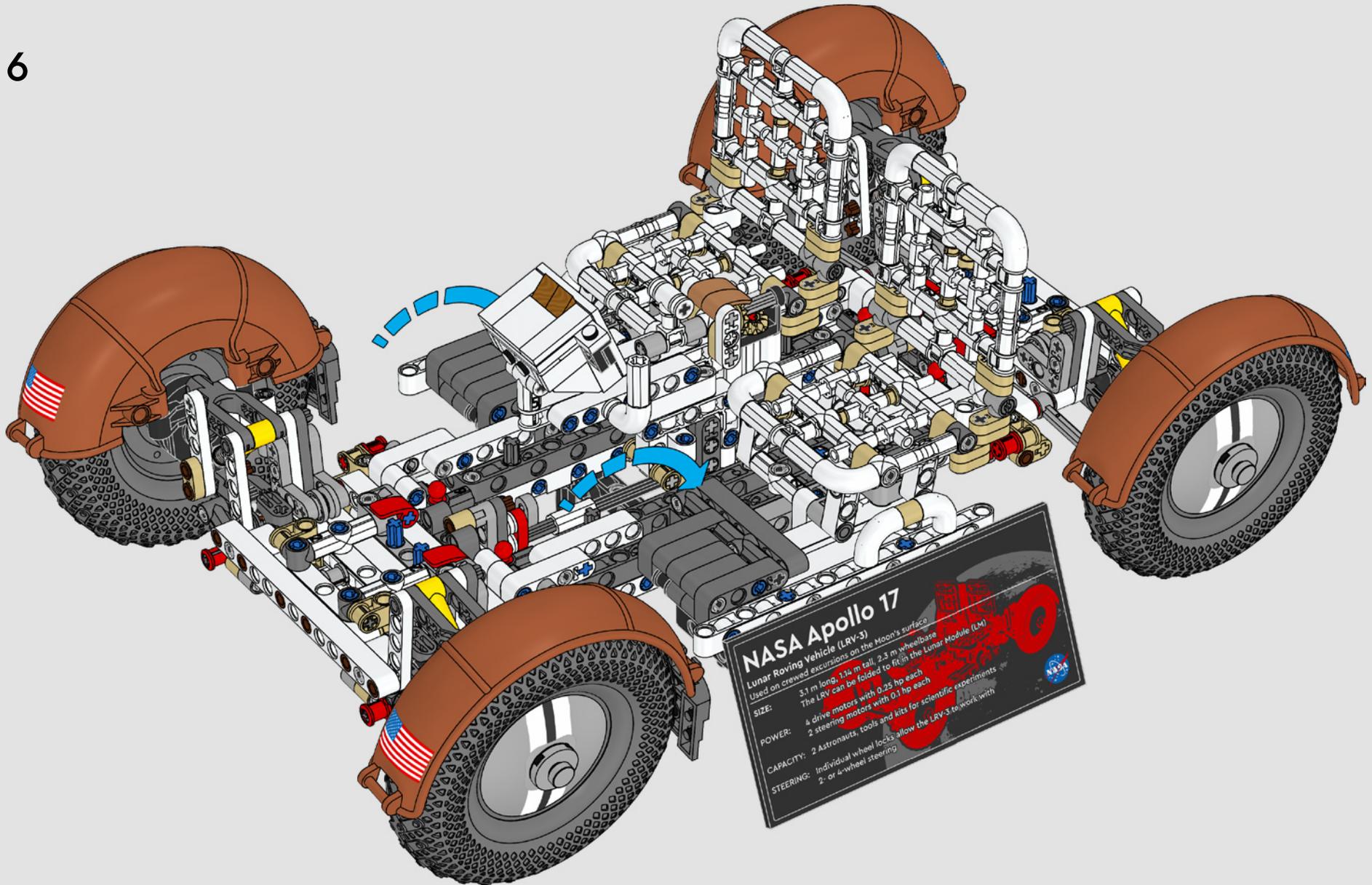
NASA Apollo 17

4th pallet Assembly
Equipped with tools.

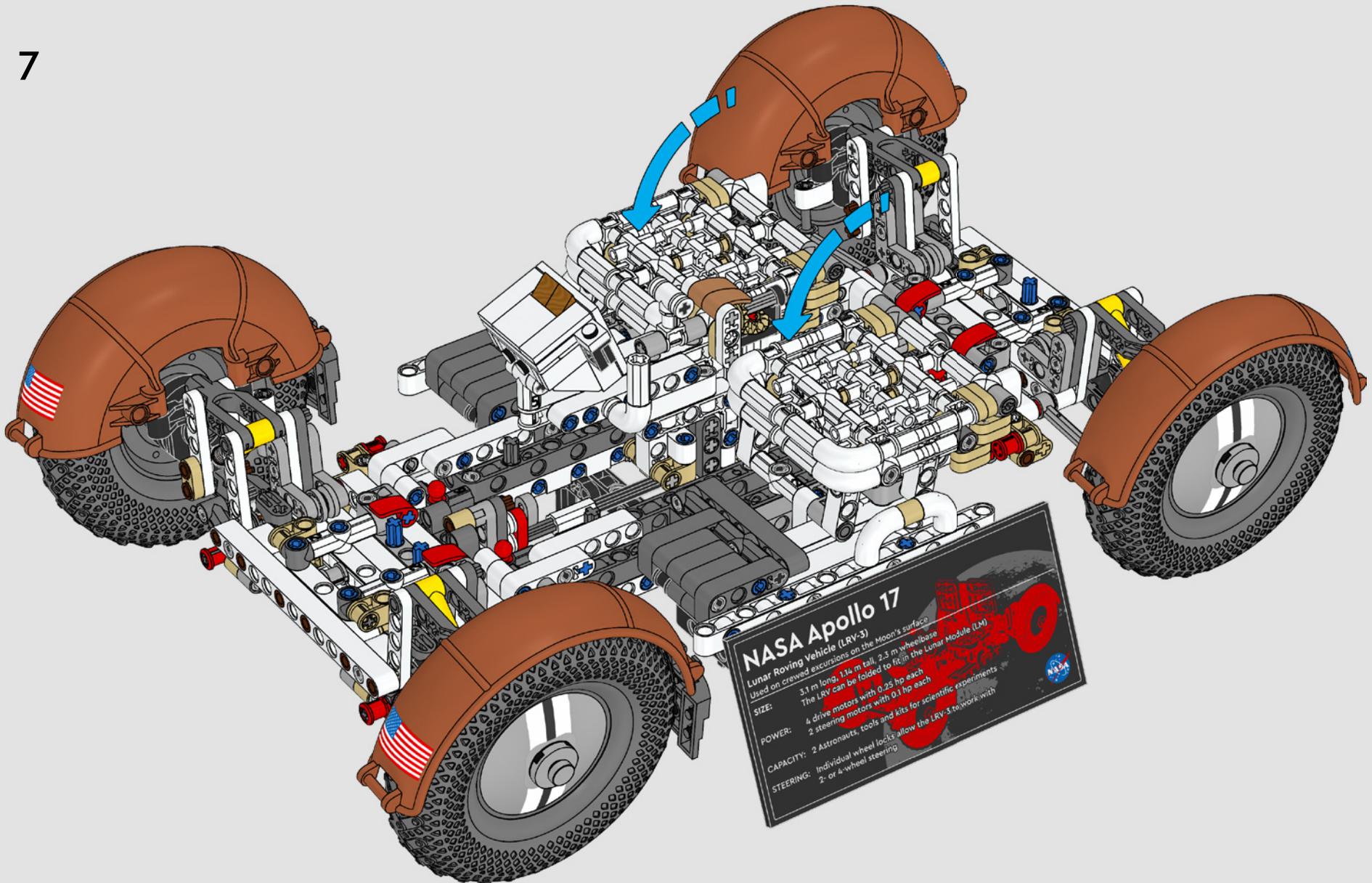
TOOL COLLECTION: Hammers, work bits for scientific experiments. Drill kit for making hole in extension. Power-washed and precision core samples. An adjustable angle scope. A 100x magnifying glass. A 100x magnifying glass. A 100x magnifying glass. A 100x magnifying glass.

EXPERIMENTS: Big hole. 100x magnifying glass. A 100x magnifying glass. A 100x magnifying glass. A 100x magnifying glass.

6



7



NASA Apollo 17
Lunar Roving Vehicle (LRV-3)
Used on crewed excursions on the Moon's surface

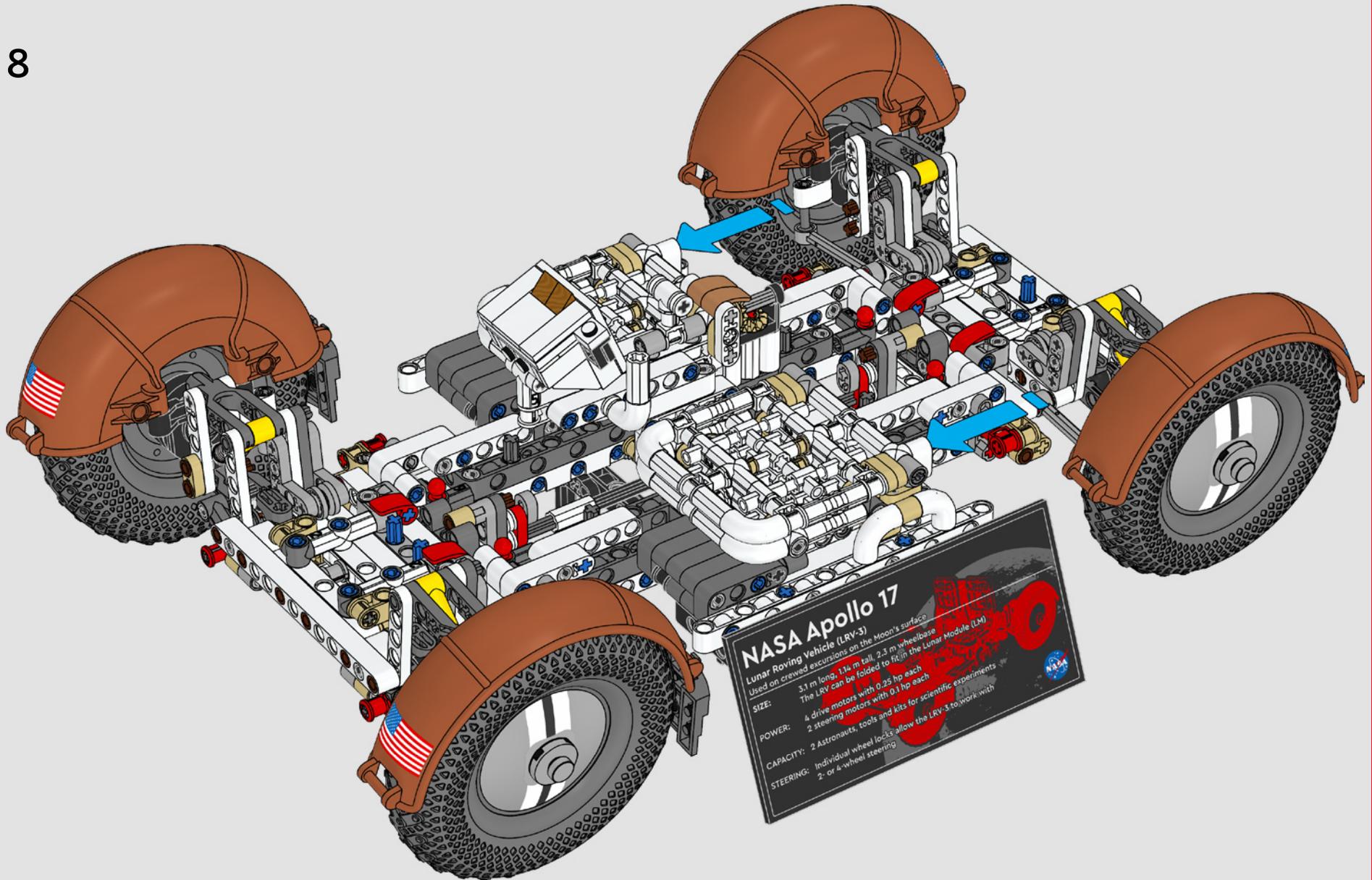
SIZE: 3.1 m long, 1.14 m tall, 2.3 m wheelbase
The LRV can be folded to fit in the Lunar Module (LM)

POWER: 4 drive motors with 0.25 hp each
2 steering motors with 0.1 hp each

CAPACITY: 2 Astronauts, tools and kits for scientific experiments

STEERING: Individual wheel locks allow the LRV-3 to work with
2- or 4-wheel steering

8



NASA Apollo 17
Lunar Roving Vehicle (LRV-3)
Used on crewed excursions on the Moon's surface

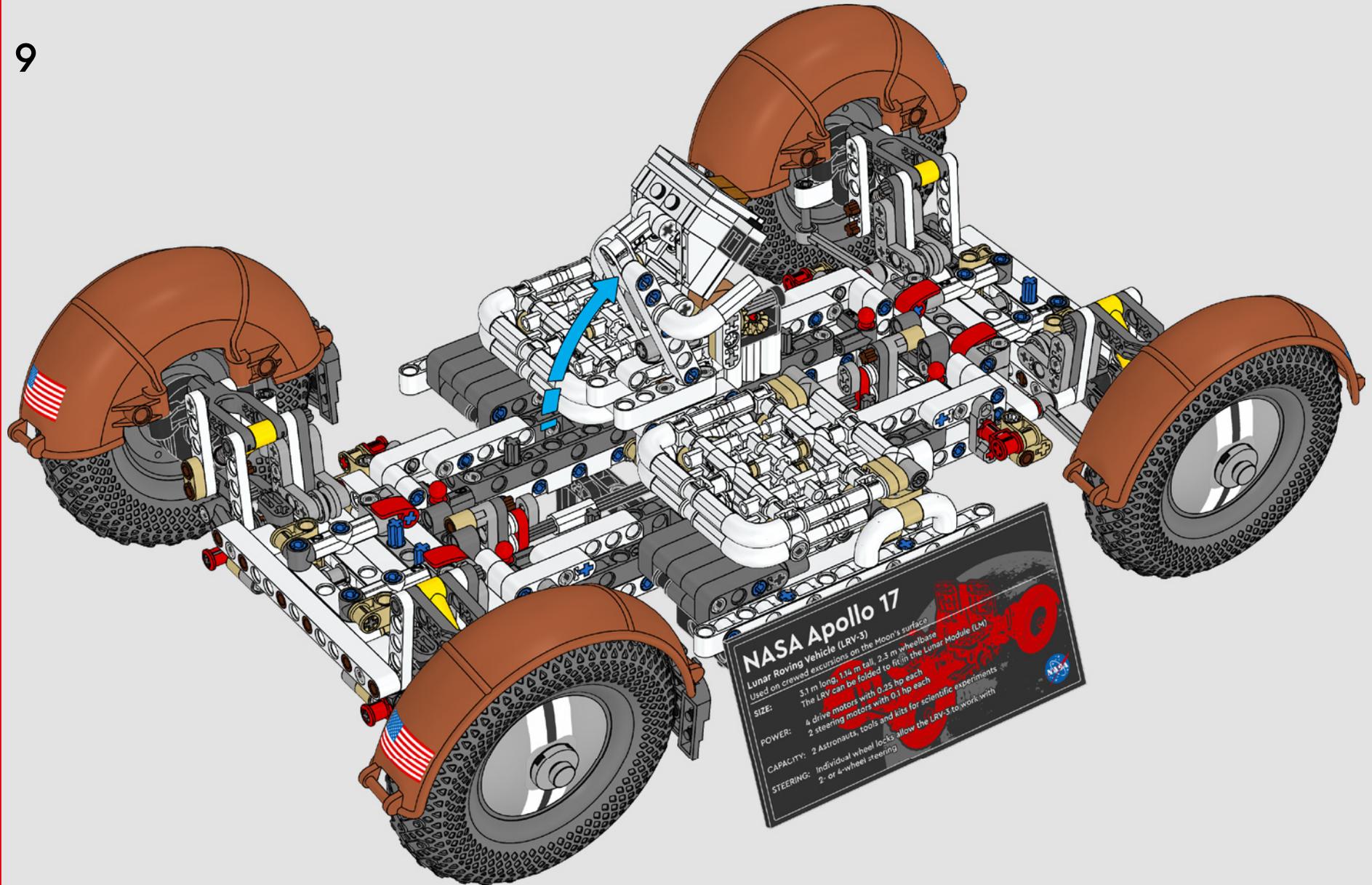
SIZE: 3.1 m long, 1.4 m tall, 2.5 m wheelbase
The LRV can be folded to fit in the Lunar Module (LM)

POWER: 4 drive motors with 0.25 hp each
2 steering motors with 0.1 hp each

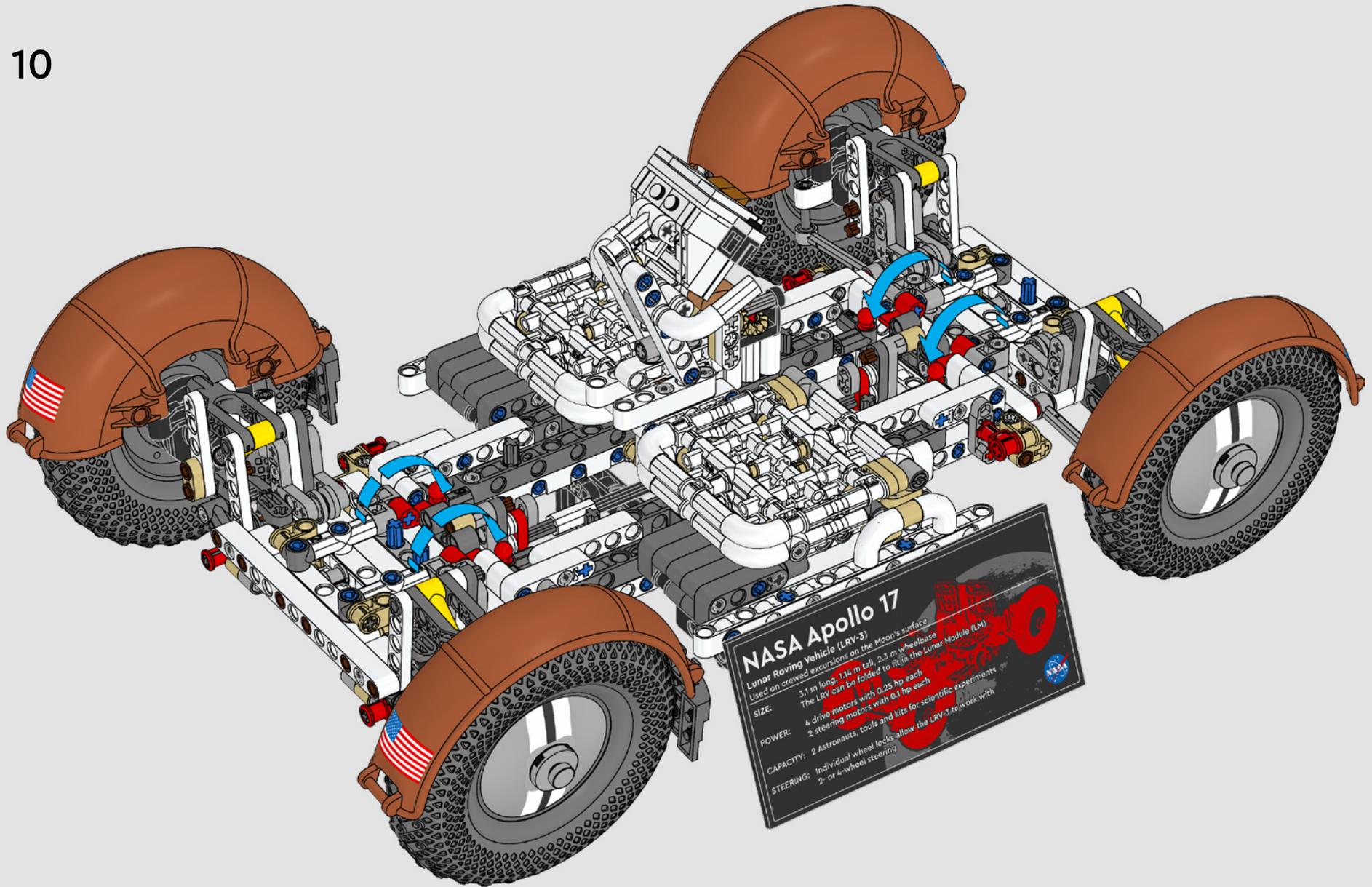
CAPACITY: 2 Astronauts, tools and kits for scientific experiments

STEERING: Individual wheel locks allow the LRV-3 to work with
2- or 4-wheel steering

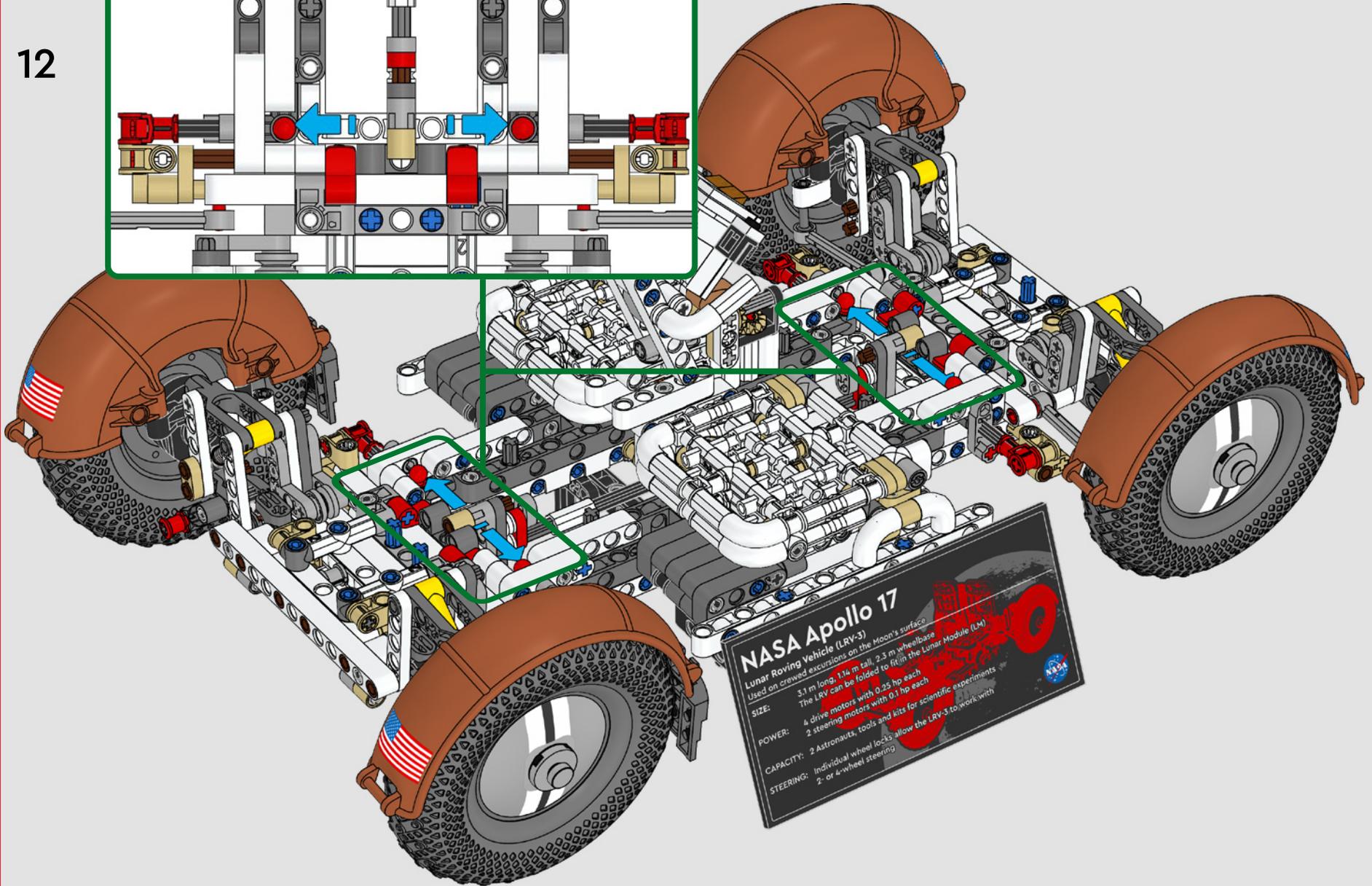
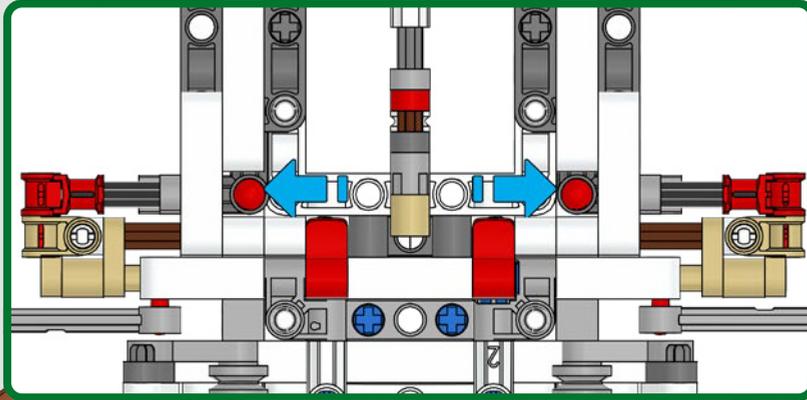




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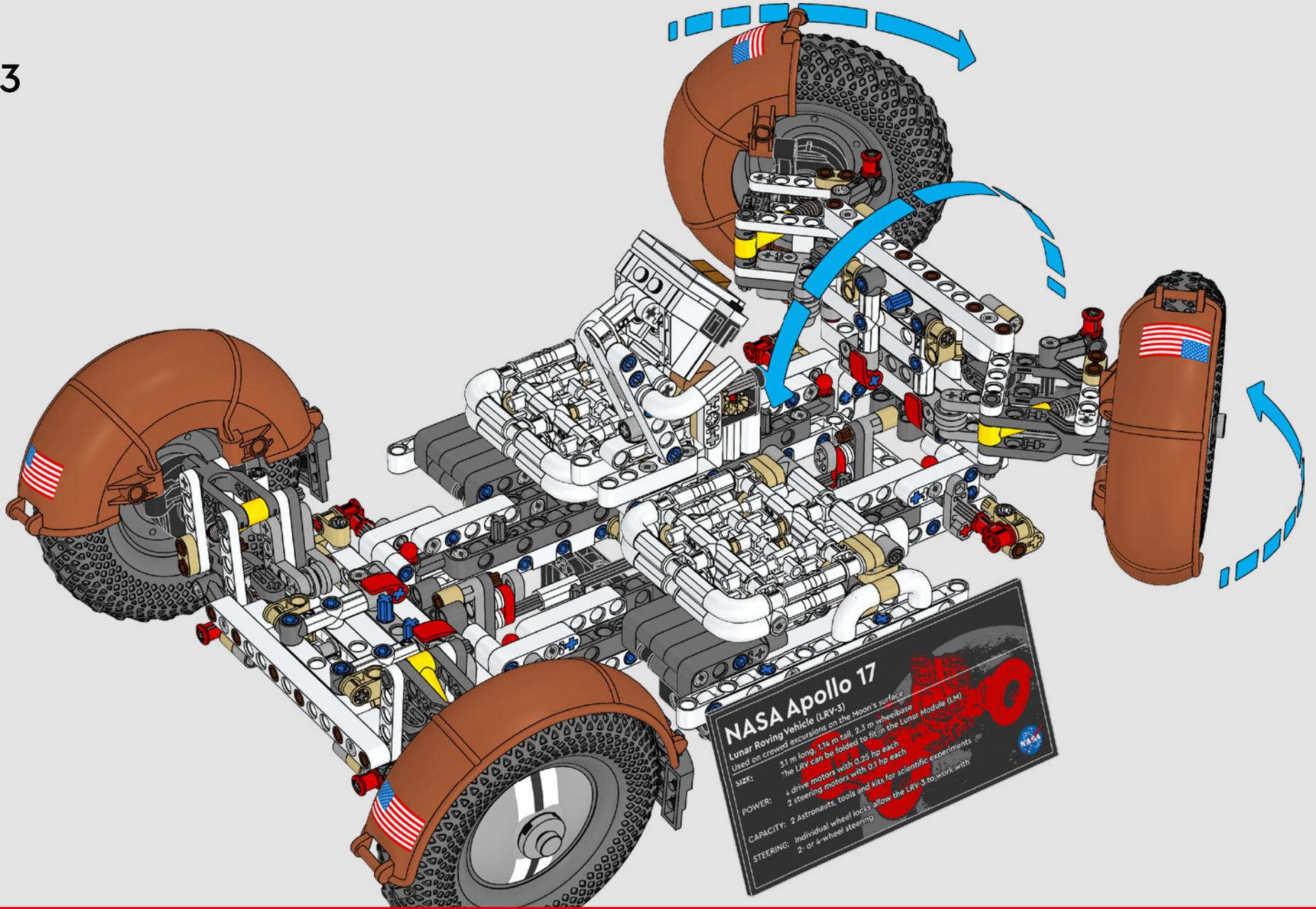
NASA Apollo 17
Lunar Roving Vehicle (LRV-3)
Used on crewed excursions on the Moon's surface

SIZE: 3.1 m long, 1.14 m tall, 2.3 m wheelbase
The LRV can be folded to fit in the Lunar Module (LM)

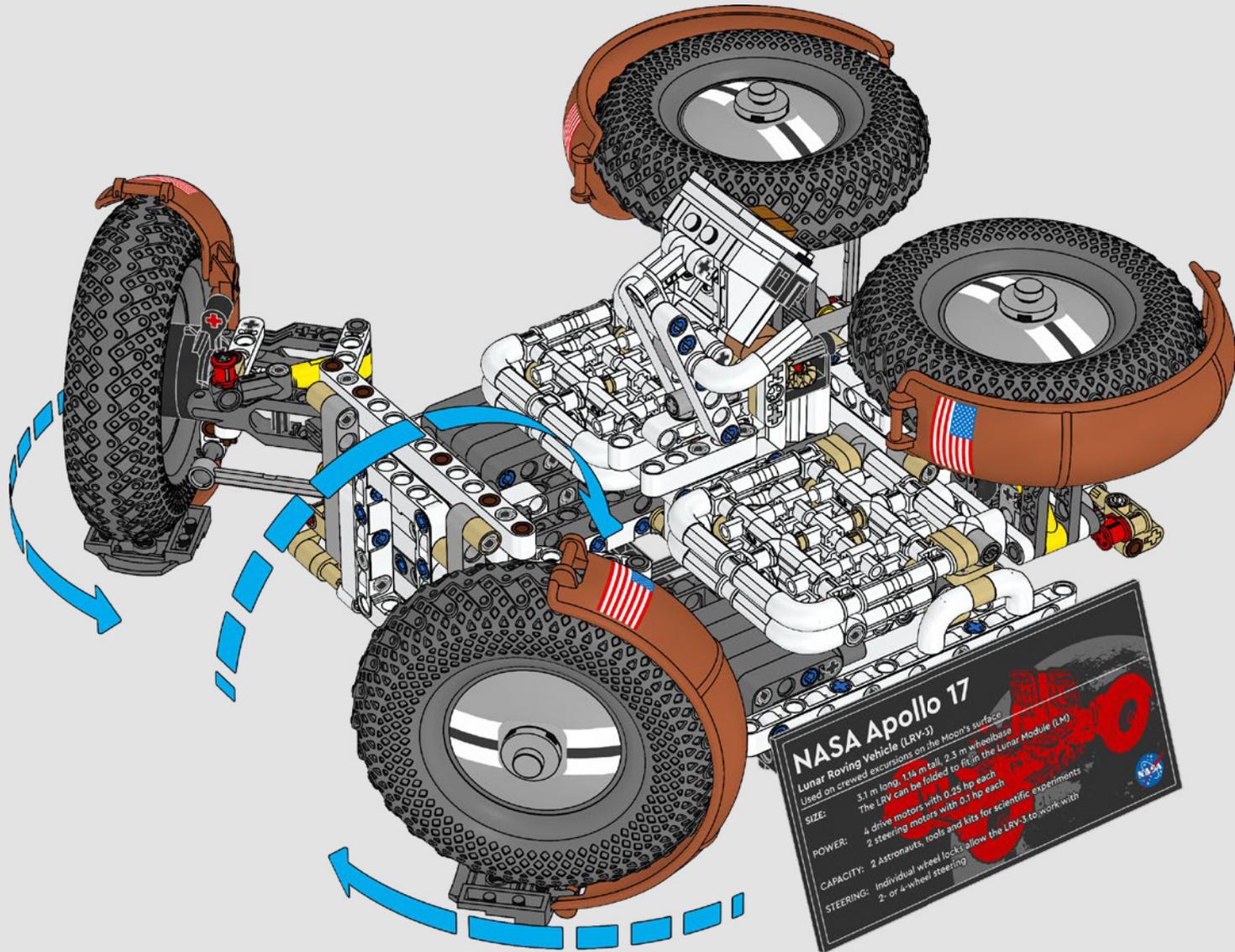
POWER: 4 drive motors with 0.25 hp each
2 steering motors with 0.1 hp each

CAPACITY: 2 Astronauts, tools and kits for scientific experiments

STEERING: Individual wheel locks allow the LRV-3 to work with 2- or 4-wheel steering



NASA Apollo 17
Lunar Roving Vehicle (LRV-3)
 Used on crewed excursions on the Moon's surface
 SIZE: 3.1 m long, 1.14 m tall, 2.3 m wheelbase
 The LRV can be folded to fit in the Lunar Module (LM)
 POWER: 4 drive motors with 0.25 hp each
 2 steering motors with 0.1 hp each
 CAPACITY: 2 Astronauts, tools and kits for scientific experiments
 STEERING: Individual wheel locks allow the LRV-3 to work with
 2- or 4-wheel steering



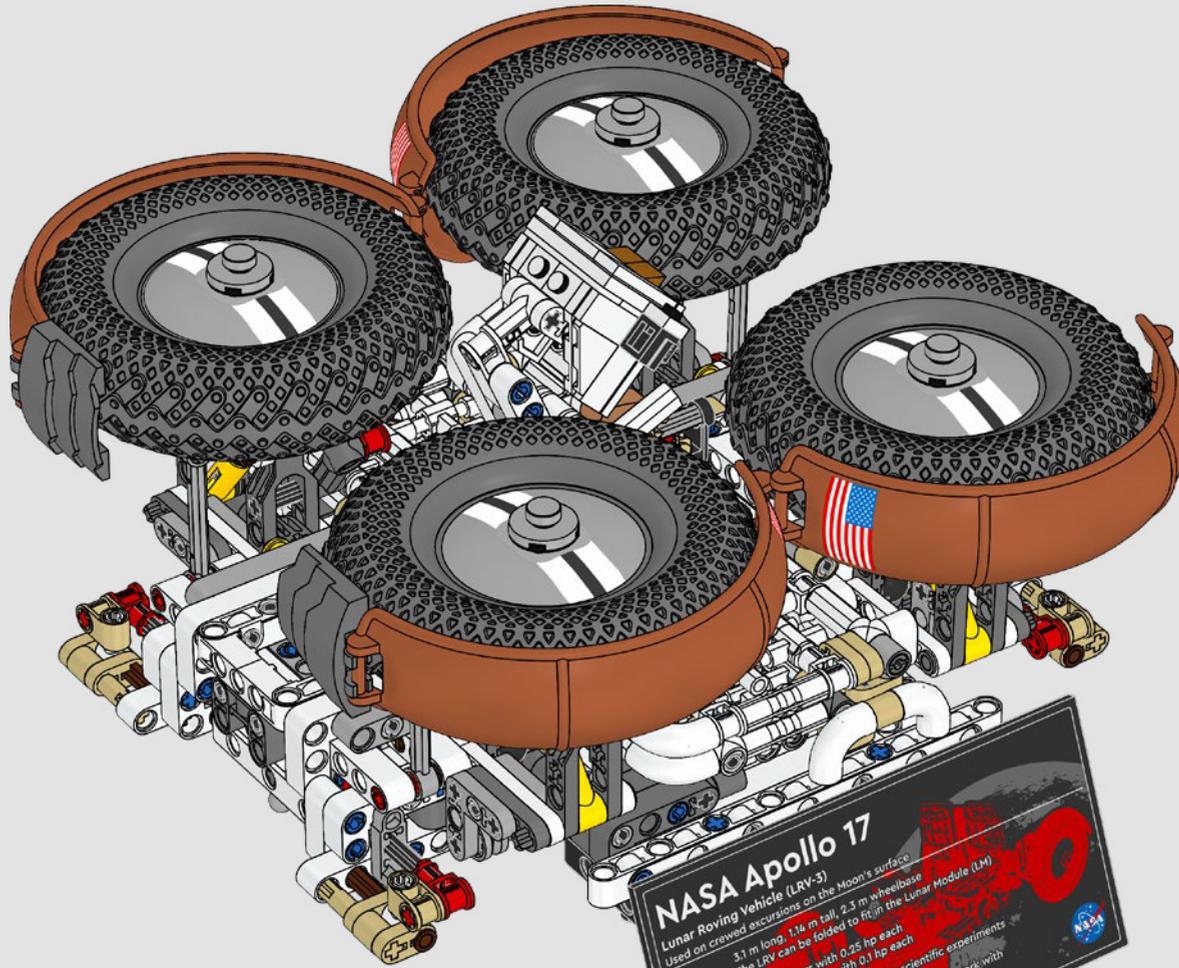
NASA Apollo 17
Lunar Roving Vehicle (LRV-3)
 Used on crewed excursions on the Moon's surface

SIZE: 3.1 m long, 1.14 m tall, 2.3 m wheelbase
 The LRV can be folded to fit in the Lunar Module (LM)

POWER: 4 drive motors with 0.25 hp each
 2 steering motors with 0.1 hp each

CAPACITY: 2 Astronauts, tools and kits for scientific experiments

STEERING: Individual wheel locks allow the LRV-3 to work with
 2- or 4-wheel steering



NASA Apollo 17

Lunar Roving Vehicle (LRV-3)
Used on crewed excursions on the Moon's surface

SIZE:

3.1 m long, 1.14 m tall, 2.3 m wheelbase
The LRV can be folded to fit in the Lunar Module (LM)

POWER:

4 drive motors with 0.25 hp each
2 steering motors with 0.1 hp each

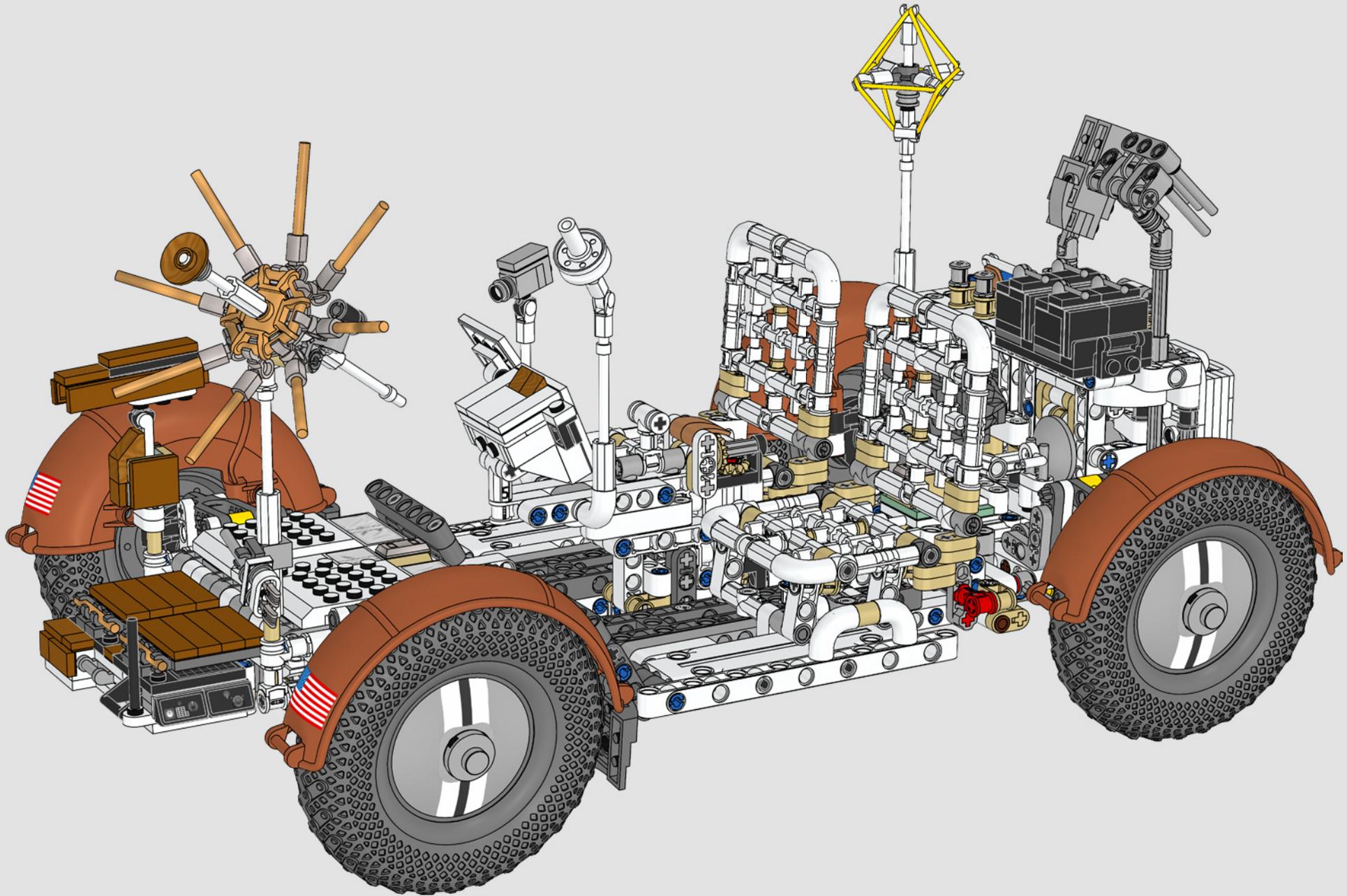
CAPACITY:

2 Astronauts, tools and kits for scientific experiments

STEERING:

Individual wheel locks allow the LRV-3 to work with
2- or 4-wheel steering





1x 6234807
7x 6341465
2x 6322489
19x 6360263
7x 6284572
2x 6186681
4x 6172366
2x 6383985
6x 407001
2x 6296132
1x 6508268
3x 4111971
2x 6357680
1x 6434569
5x 6371416
1x 6210272
2x 6457115

6x 4547489
18x 6194851
9x 6282148
29x 6310183
3x 6179606
18x 6265135
2x 6345327
23x 6375684
2x 6292916
24x 6212049
1x 6346389
2x 6173116
2x 306901
9x 6057414
6x 302301
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4x 6172927
1x 6051511
1x 300401
1x 6013484
2x 6271349
2x 6217875
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9x 6360038
36x 6428803
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3x 4208160
4x 362301
7x 4558168
2x 245001
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4x 6116602
3x 302101
1x 6156667
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5x 6104805
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2x 302001
5x 4560178
6x 6440438
14x 4585040
2x 4249021

7x 6439225
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1x 6421592
2x 6132741
4x 6170419
4x 366601
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2x 6400128
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2x 4495927
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2x 4587840

- | | | | | | | | |
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| 6x 4649773 | 148x 6279875 | 8x 370526 | 1x 4225201 | 2x 243126 | 1x 6388645 | 3x 6078236 | 1x 6031962 |
| 4x 243123 | 46x 4109810 | 2x 6271825 | 2x 6273708 | 2x 617926 | 4x 6031821 | 1x 6404402 | 2x 6174929 |
| 1x 371023 | 1x 6282140 | 2x 6092570 | 2x 300326 | 4x 6378480 | 9x 6450558 | 4x 6265247 | 8x 4666999 |
| 1x 370123 | 2x 6265091 | 2x 6254045 | 4x 302226 | 3x 6435016 | 1x 4616578 | 2x 6347439 | 2x 6274738 |
| 2x 4560180 | 14x 4512363 | 1x 6278412 | 4x 302226 | 7x 6279881 | 8x 6335230 | 2x 6189071 | 2x 6240030 |
| 1x 4243815 | 1x 302326 | 1x 6278412 | 4x 306826 | 1x 6029578 | 4x 6168644 | 10x 6332155 | 9x 4211399 |
| 4x 4286267 | 4x 306926 | 1x 6328175 | 4x 306826 | 1x 370826 | 8x 6439051 | 2x 6332144 | 7x 6336539 |
| 1x 6088550 | 4x 6092585 | 4x 6439175 | 18x 6089119 | 1x 6029578 | 2x 4544151 | 2x 6051507 | 1x 4558953 |
| 2x 6168646 | 1x 243226 | 2x 366626 | 16x 6321745 | 1x 370826 | 1x 6130012 | 2x 6082975 | 3x 6362975 |
| 2x 6439039 | 1x 4618852 | 4x 6117973 | 1x 6390379 | 2x 6265643 | 1x 6206248 | 15x 6167923 | 1x 6070564 |
| 10x 6121485 | 4x 6117973 | 1x 6390379 | 1x 4552347 | 2x 6265643 | 2x 6361354 | 3x 4565452 | 2x 6347715 |
| 1x 307026 | 2x 6271346 | 4x 6459445 | 1x 4552347 | 2x 6265643 | 8x 6338570 | 2x 6374151 | 2x 6347715 |
| 1x 6234695 | 1x 4560182 | 4x 6459445 | 3x 4142822 | 4x 6484420 | 2x 6208446 | 2x 6357613 | 4x 6267587 |
| 13x 6261371 | 4x 6408182 | 2x 6469830 | 1x 6362991 | 4x 6484420 | 2x 6191668 | 9x 6013938 | 13x 6168647 |

- 2x 4529241
- 2x 6250597
- 3x 6448793
- 3x 6275844
- 2x 4211415
- 2x 6176433
- 4x 4211758
- 2x 6443149
- 1x 6265704
- 2x 6348143
- 2x 6261375
- 9x 4211880
- 2x 6271539
- 5x 6179186
- 2x 6282142
- 9x 6123815
- 1x 6265089
- 5x 4512360
- 1x 6380605
- 3x 6173127
- 1x 6266251
- 4x 4211398
- 1x 6144138

- 1x 4211414
- 3x 4211609
- 1x 4667578
- 4x 6331859
- 1x 4244627
- 8x 6271815
- 1x 6093527
- 1x 6212077
- 2x 6132886
- 37x 4211815
- 4x 6321747
- 2x 4211536
- 4x 6276969
- 1x 6331441

3

- 6x 6438836
- 2x 6210581
- 2x 6370947
- 5x 6116608
- 1x 6347992
- 2x 6331574
- 1x 4211445
- 6x 4211639
- 4x 6452875
- 4x 6463327
- 3x 4211805
- 6x 4495930
- 5x 4611705

5

7

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11

- 9x 6258973
- 4x 6271820
- 27x 6378120
- 2x 6345637
- 8x 6360104
- 4x 6378122
- 2x 6371442
- 26x 4142865
- 4x 403221
- 4x 6344178
- 20x 6209519
- 1x 6130002
- 18x 6135494
- 12x 6159763
- 1x 6347790
- 1x 6240515

6

3

5

- 4x 6360824
- 12x 6327561
- 11x 6083620
- 2x 6350292
- 6x 6168609
- 6x 6296856
- 1x 6012451
- 8x 6395635
- 5x 6344022
- 4x 6365695
- 19x 6005331
- 4x 6282144
- 4x 6268923
- 6x 4211063
- 2x 6314192

4

7

- 2x 6301368
- 4x 4508553
- 8x 6278260
- 2x 6310189
- 4x 6271830
- 3x 4495931
- 2x 6316692
- 1x 4211055
- 10x 6015356
- 8x 6258991
- 2x 6271876
- 6x 4210751
- 2x 6475314

5,5

- 2x 6307616
- 4x 6483729
- 4x 6452865
- 3x 6396963
- 2x 6396964
- 2x 6396922
- 2x 6463326
- 2x 6504968

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