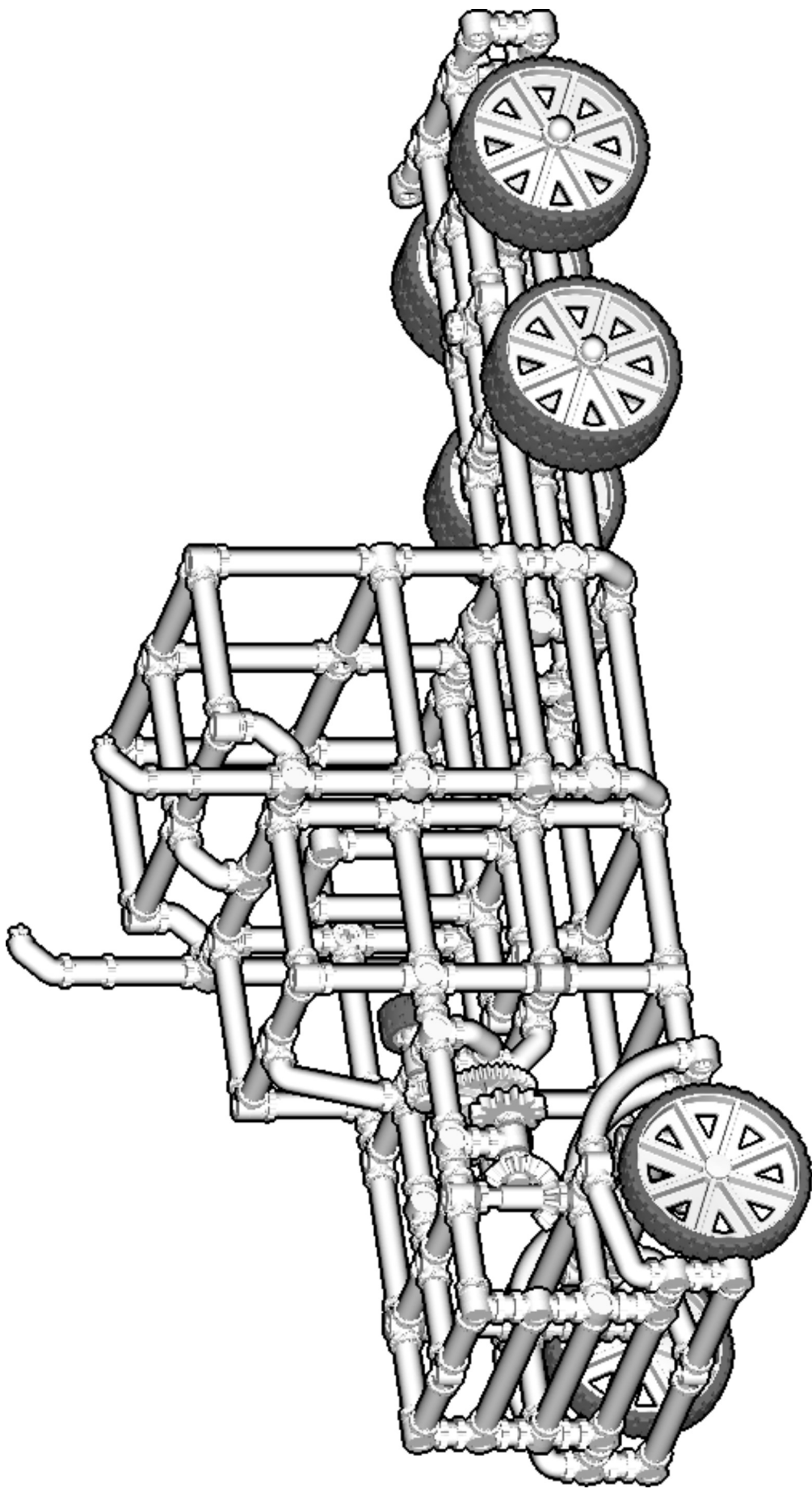


CROSS BEAMS™



SEMI

SIZE

1.7ft x 0.7ft x 0.4ft

PIECES

352

DESIGNER

Derek Sharman

MADE IN

U.S.A.

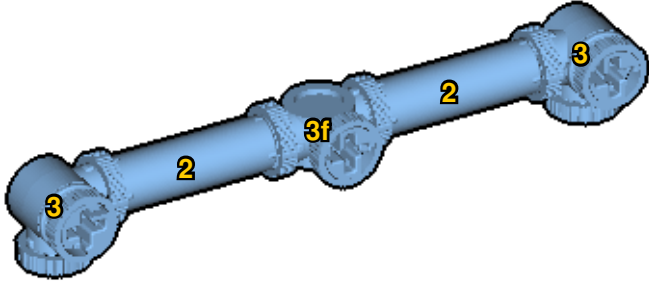


Wrong
Connecting/Disconnecting Two Directions



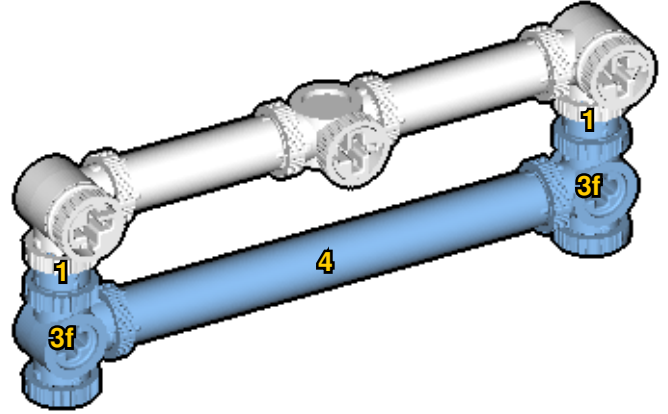
Right
Connecting/Disconnecting One Direction

1



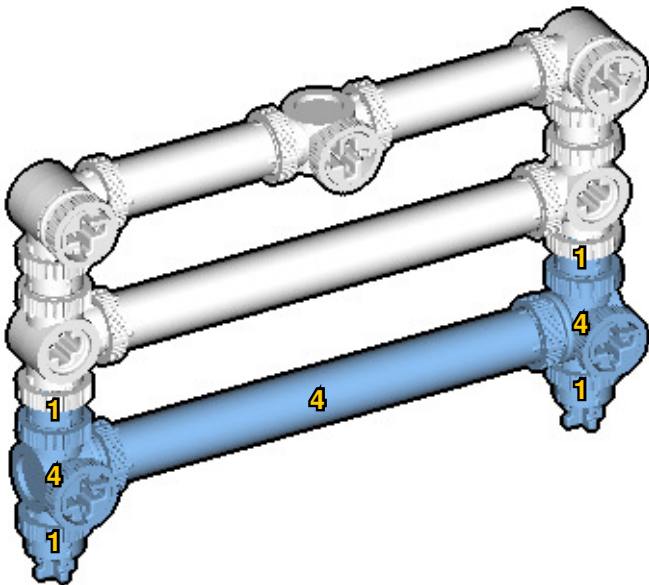
New pieces are drawn blue. Old pieces are drawn white.
See back for piece names.

2

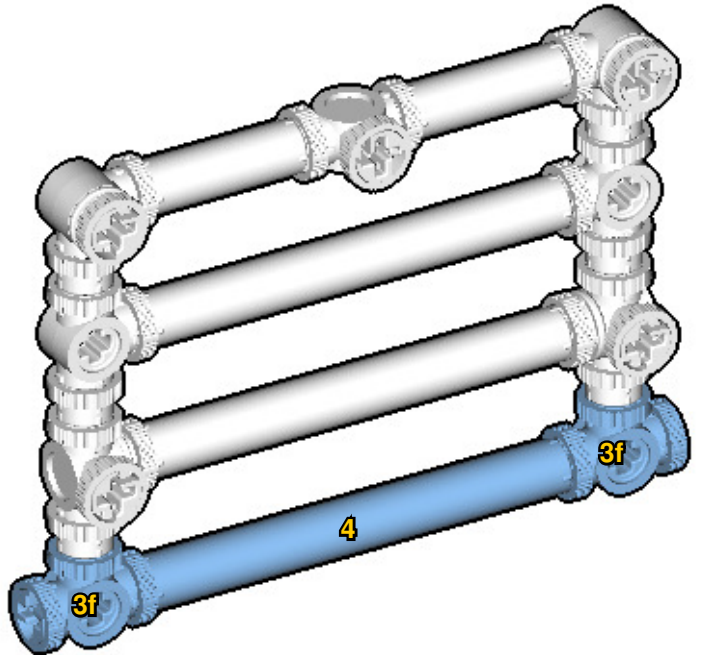


Connect new pieces together before connecting to old pieces.

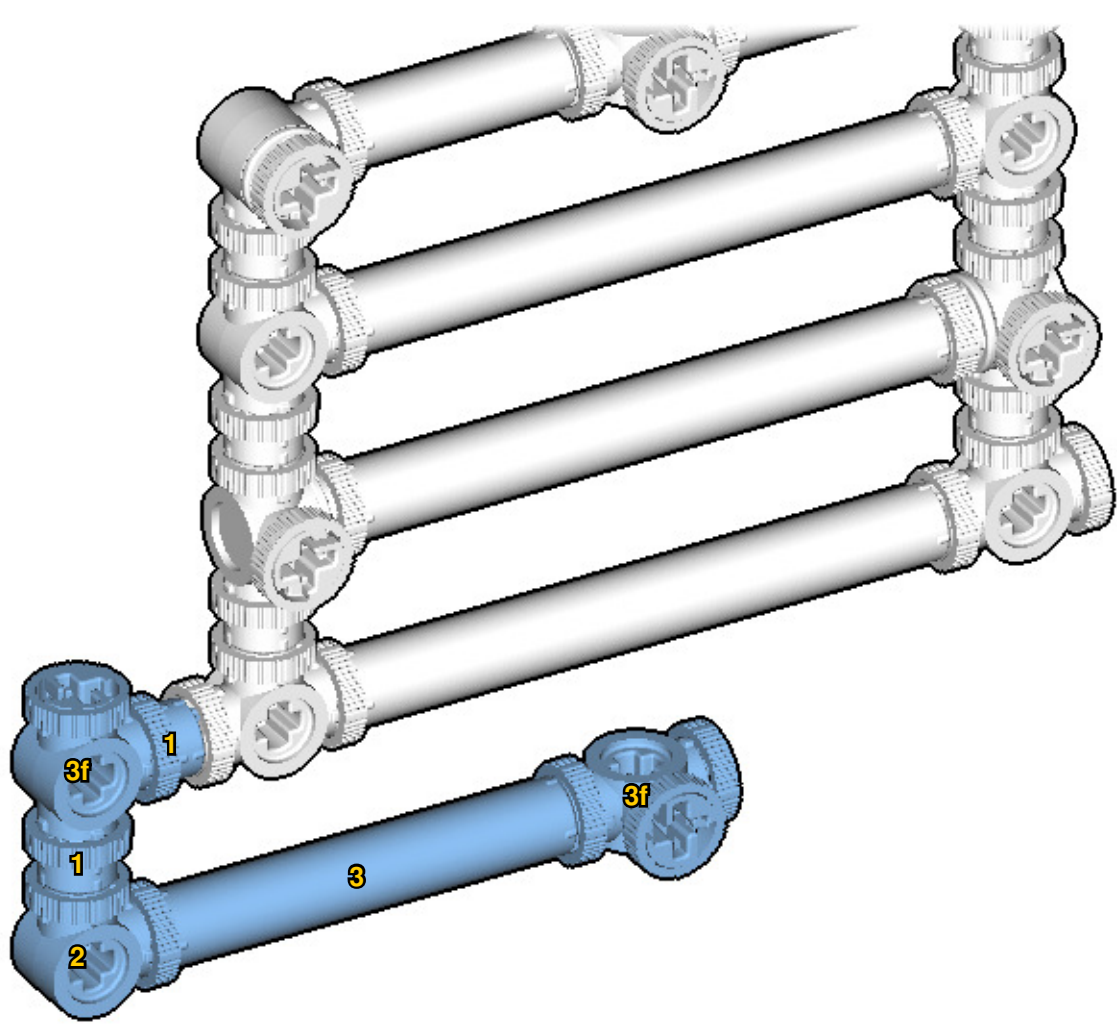
3



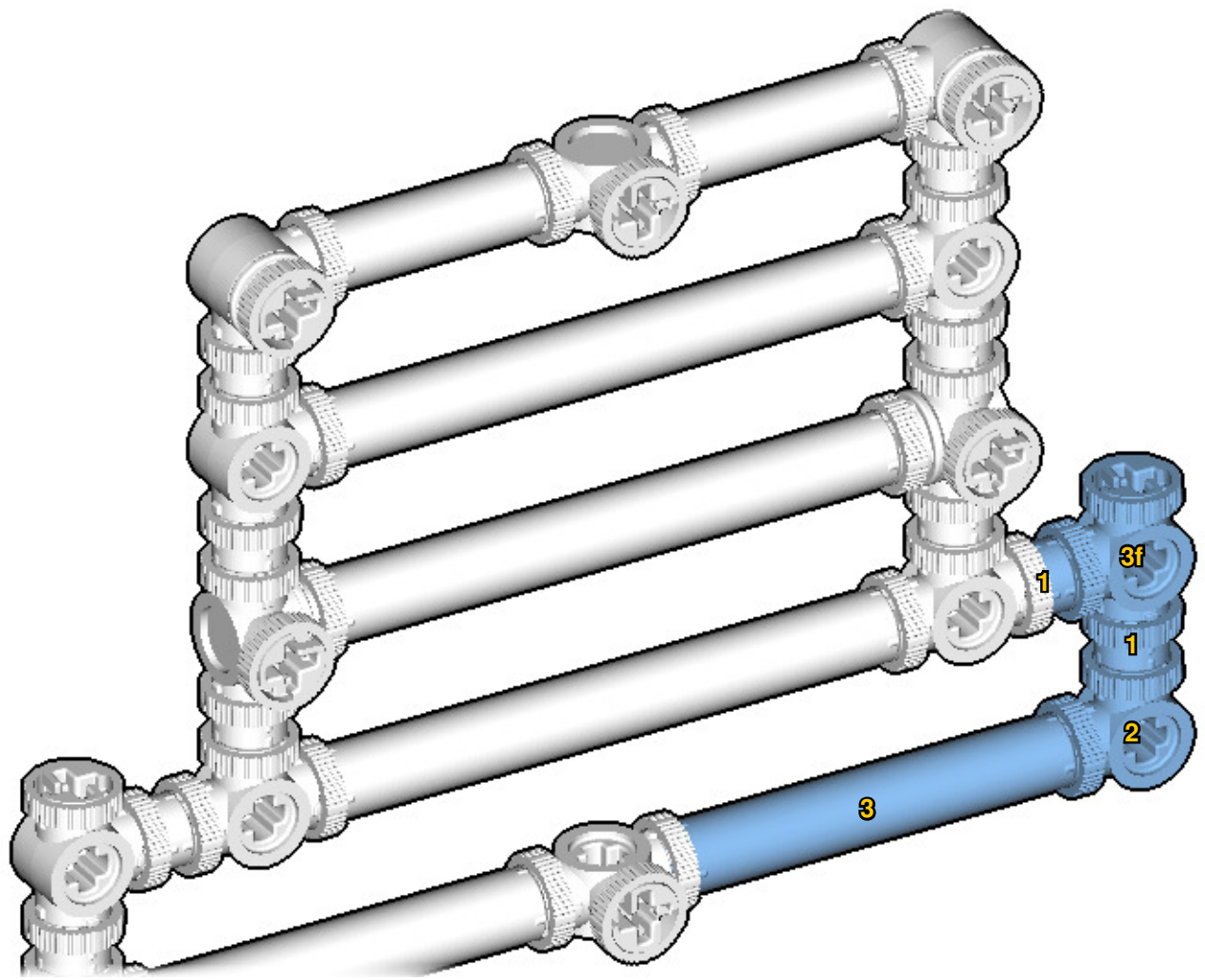
4

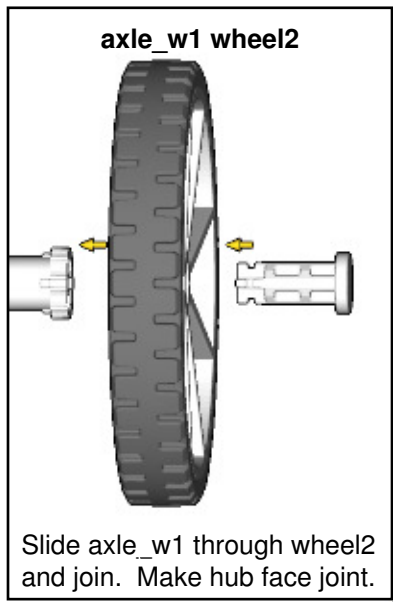
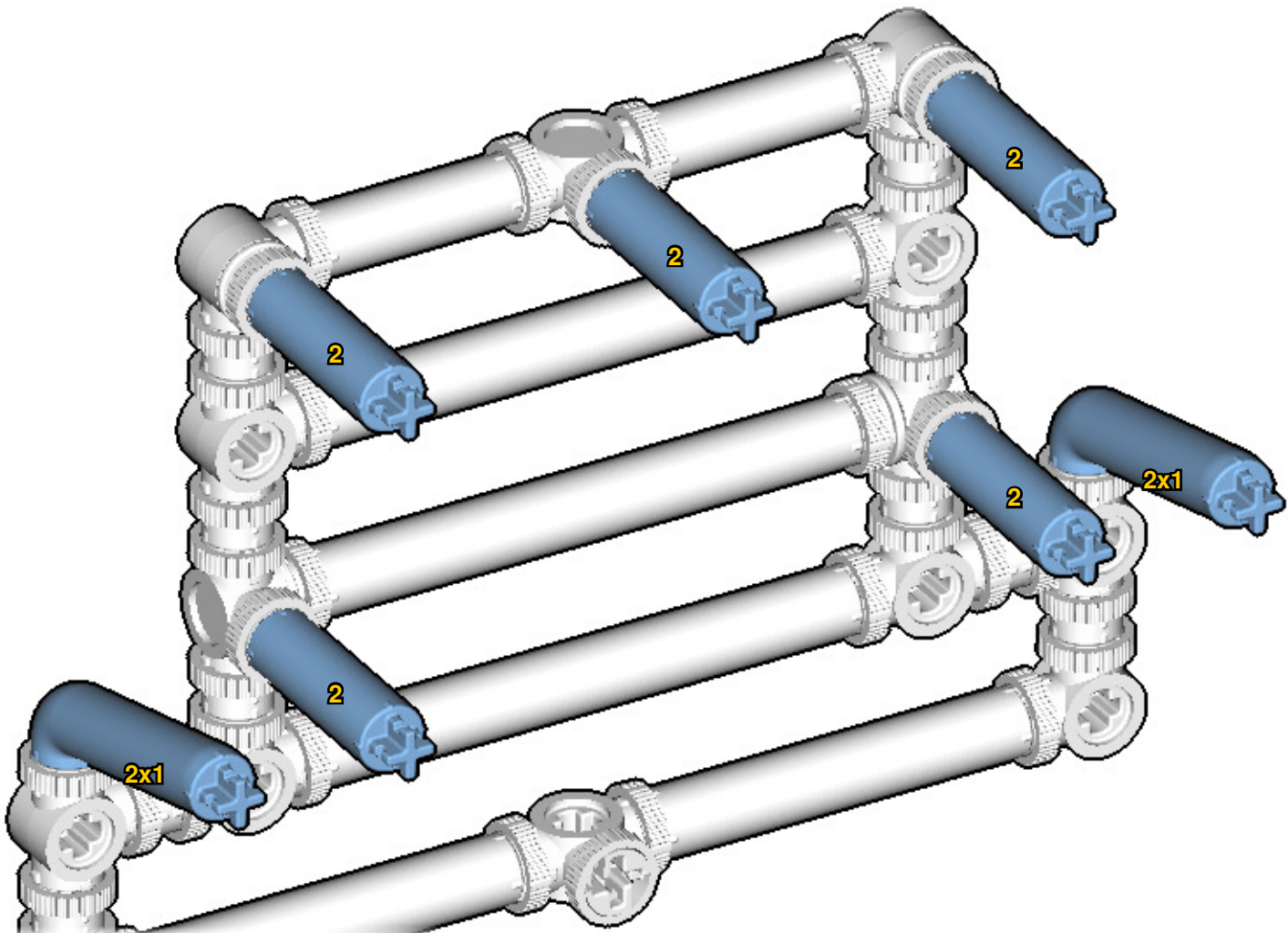


5



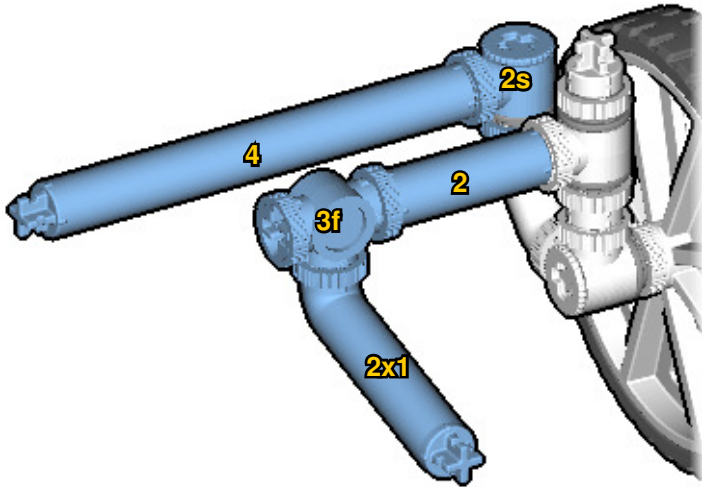
6

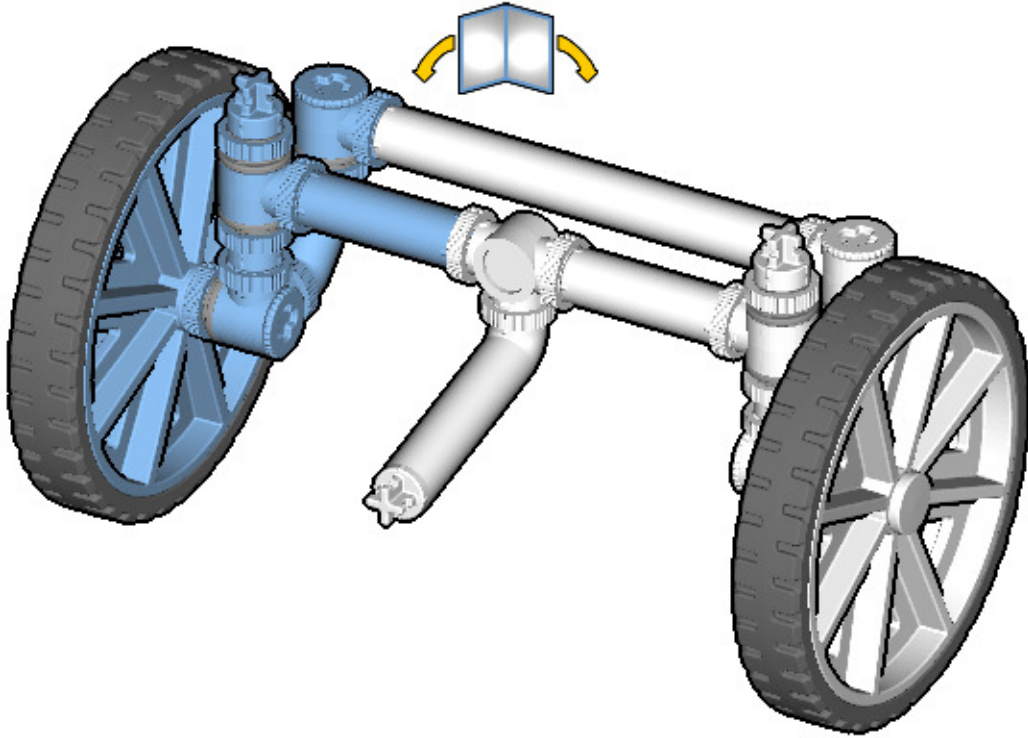




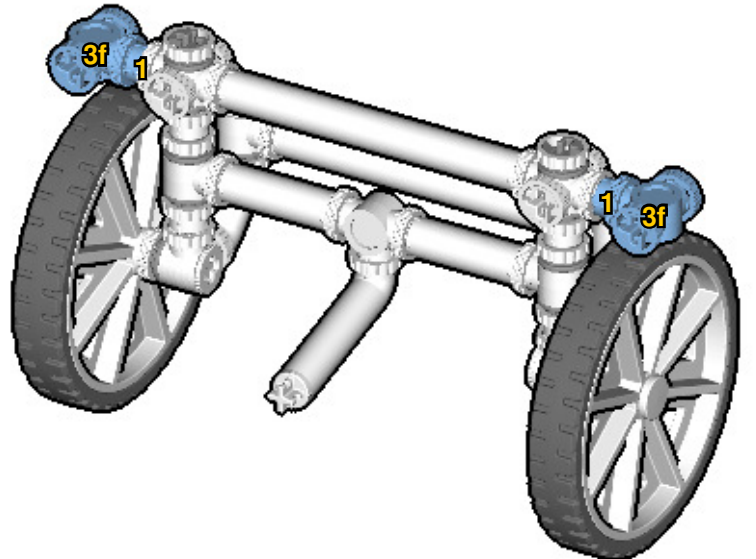
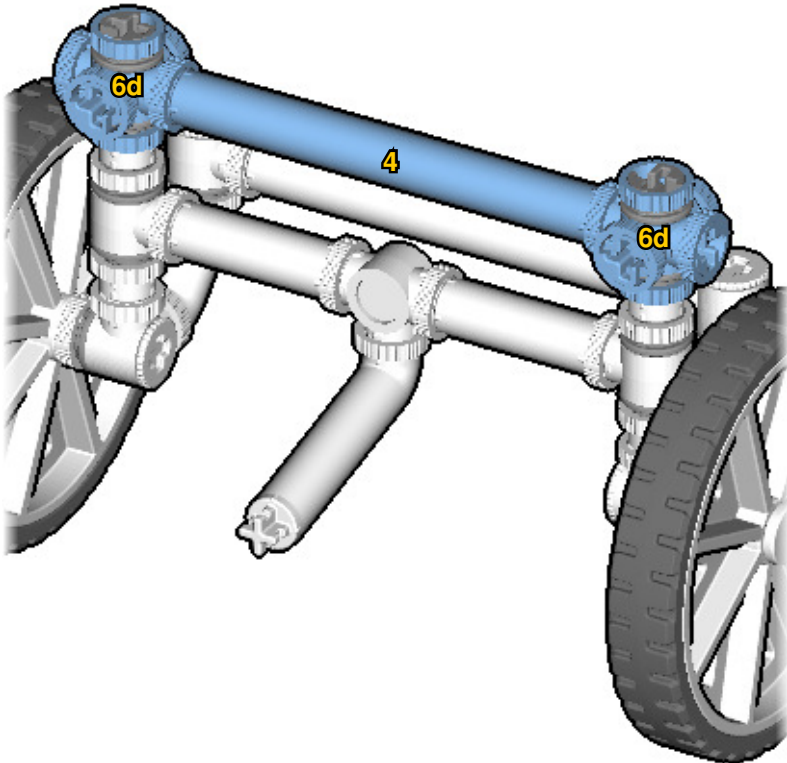
Slide axle_w1 through wheel2 and join. Make hub face joint.

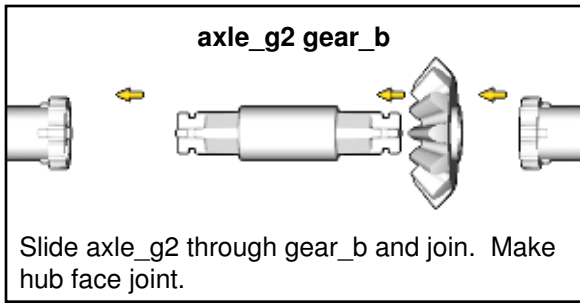
Submodel begins → **18**



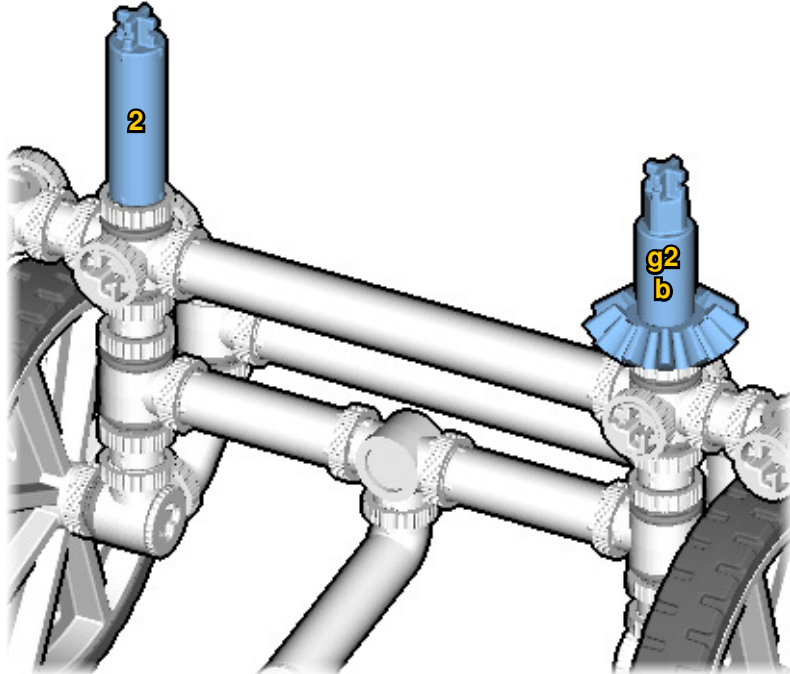


 : Copy new pieces from old pieces.

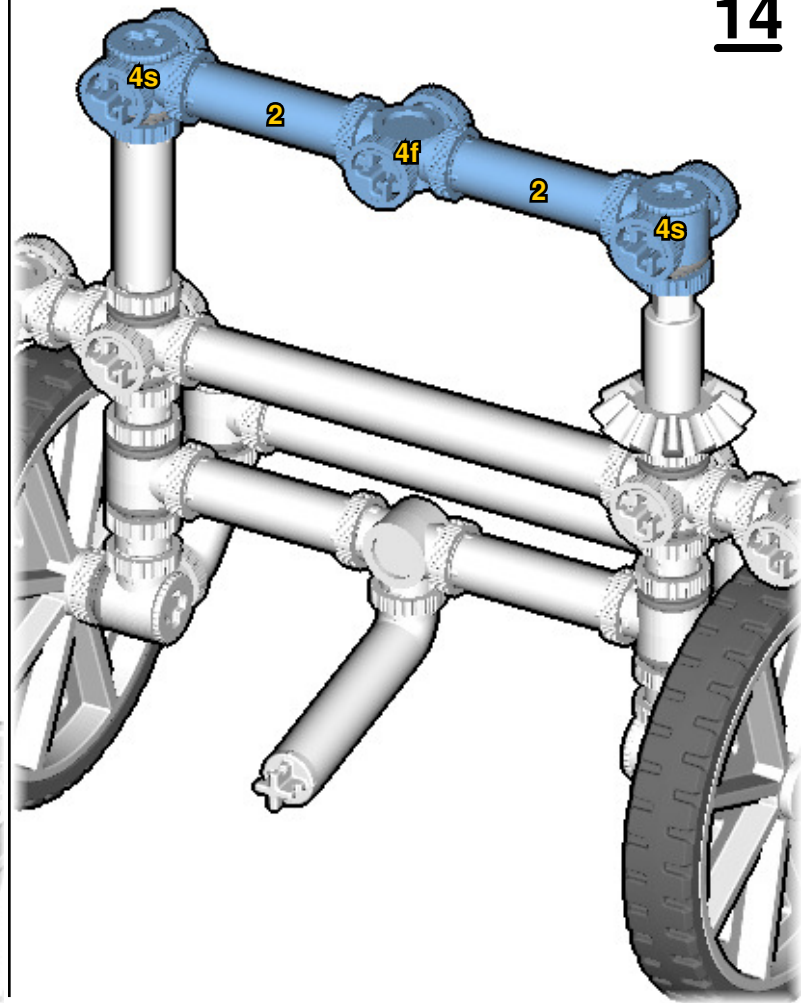




13

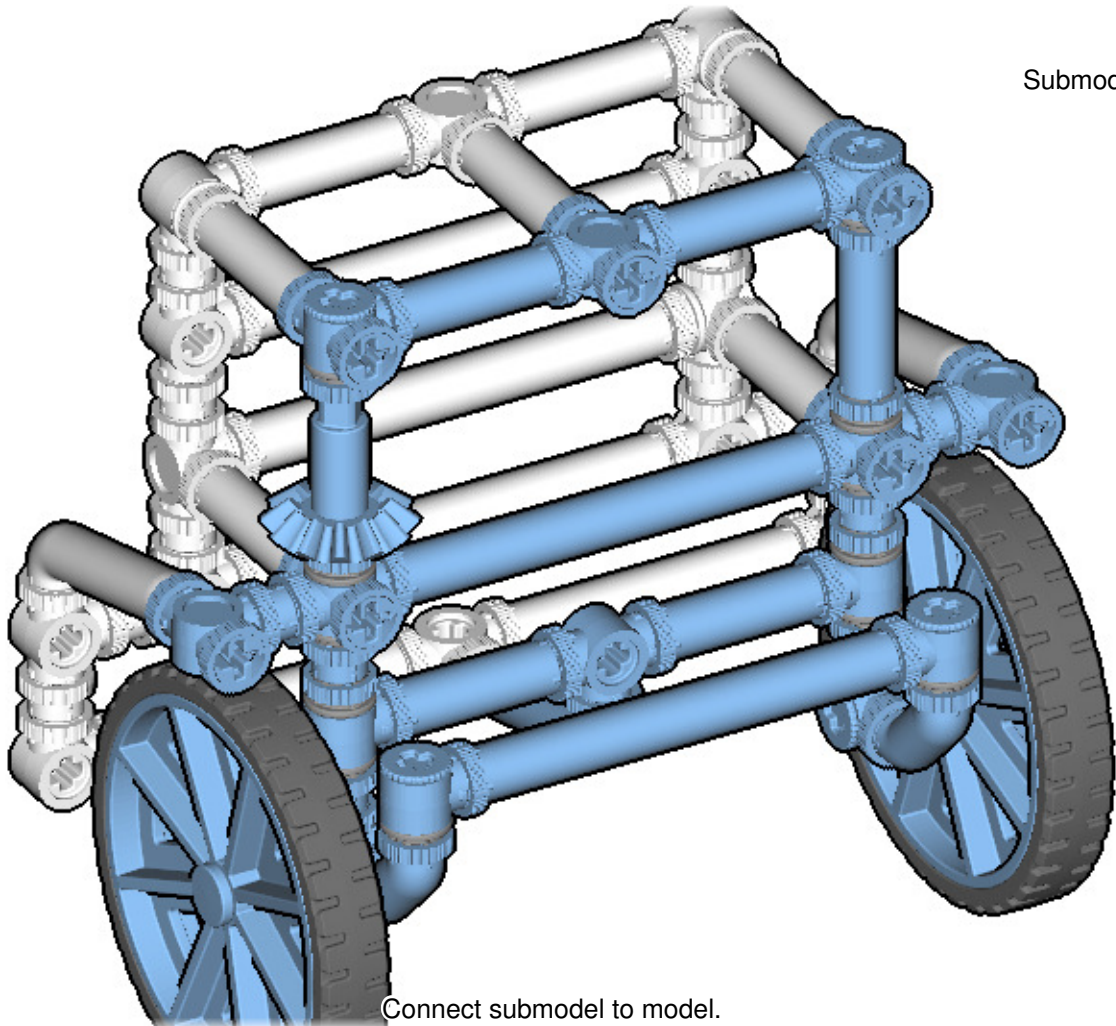


14



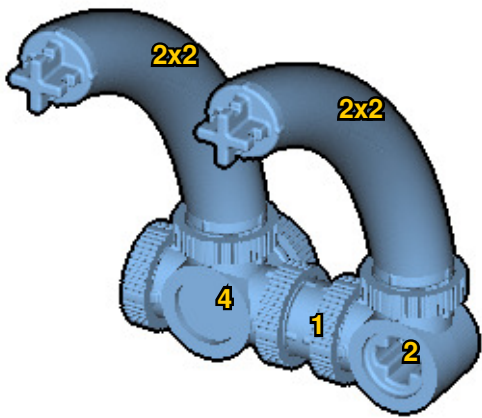
15

Submodel ends →

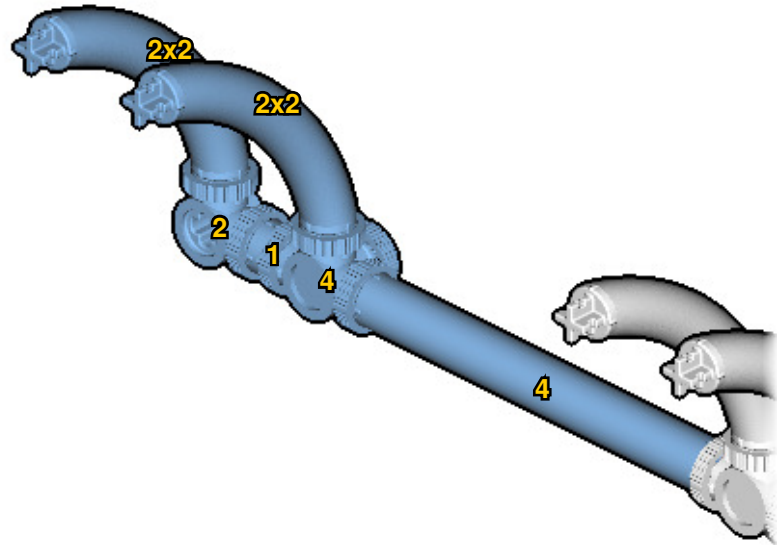


Connect submodel to model.

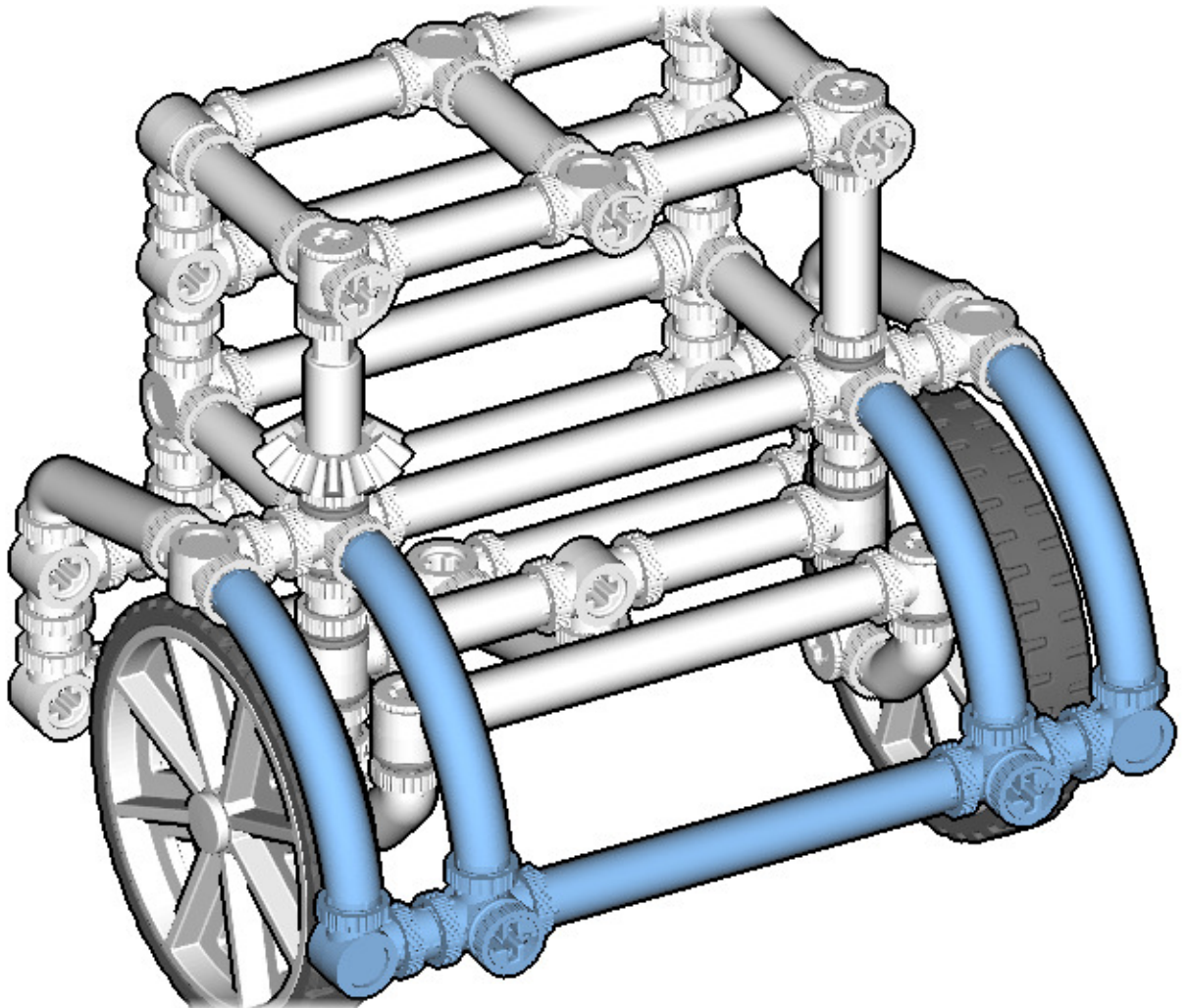
16



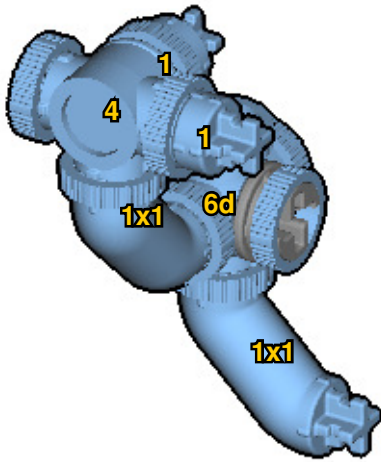
17



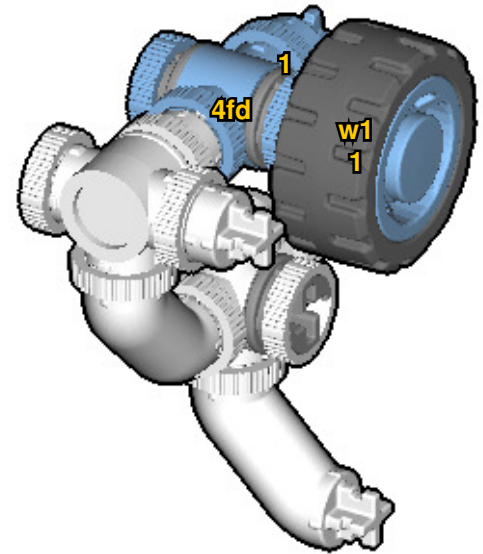
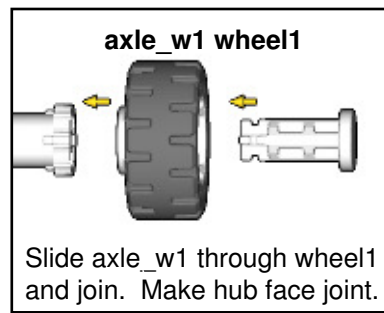
18



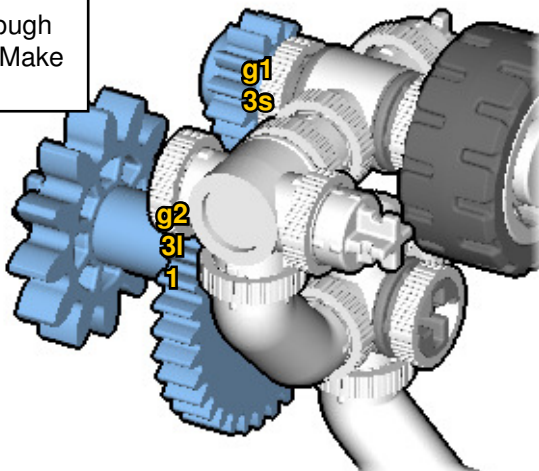
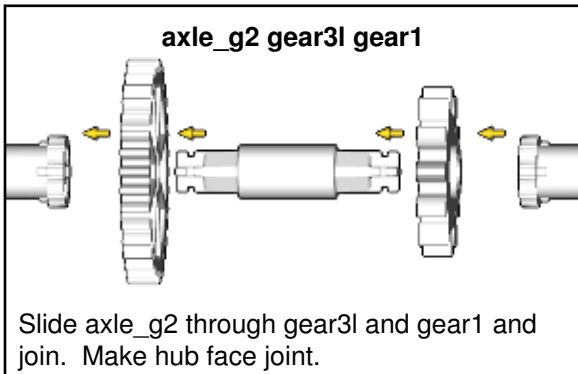
19



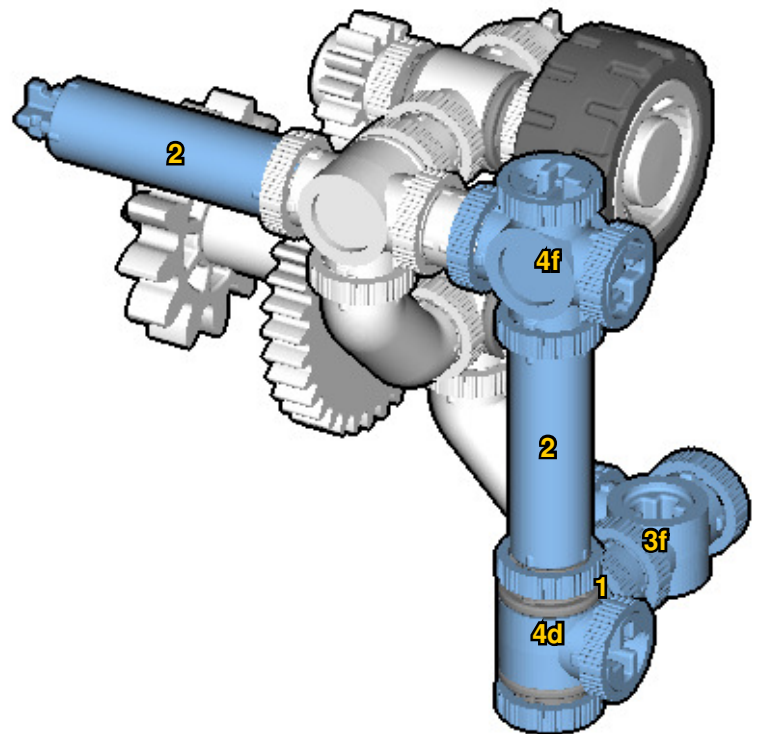
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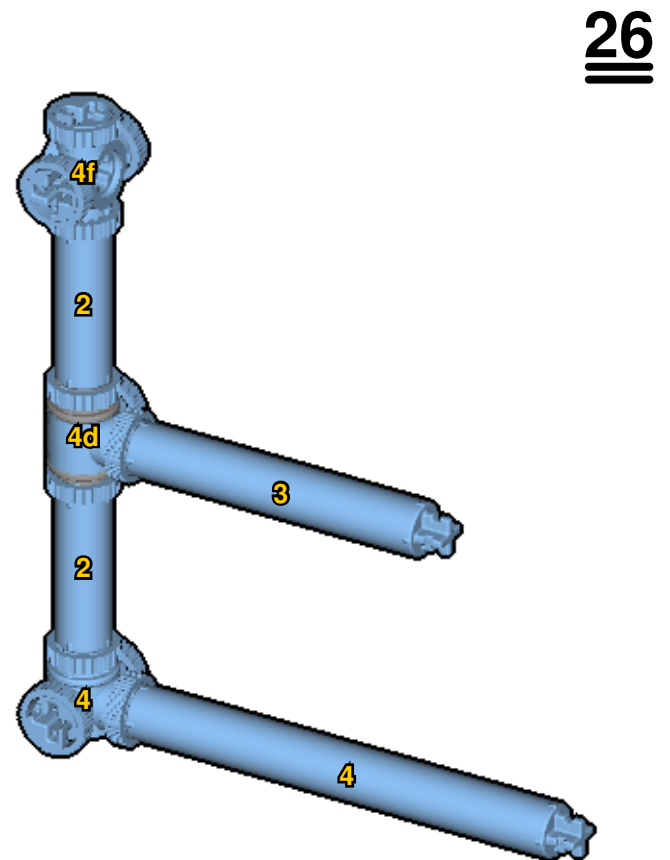
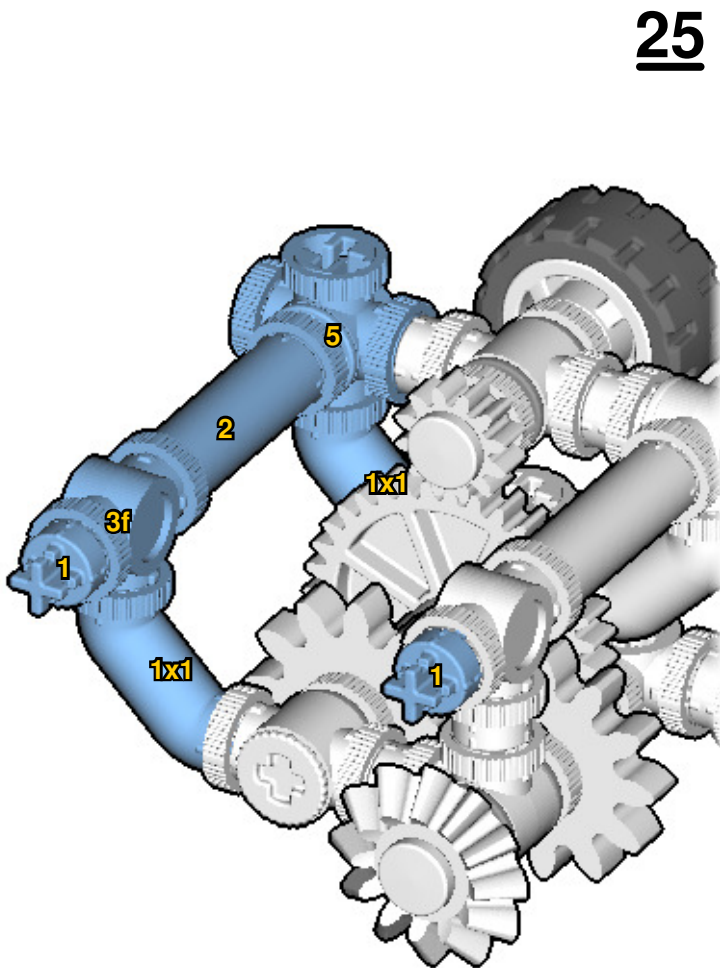
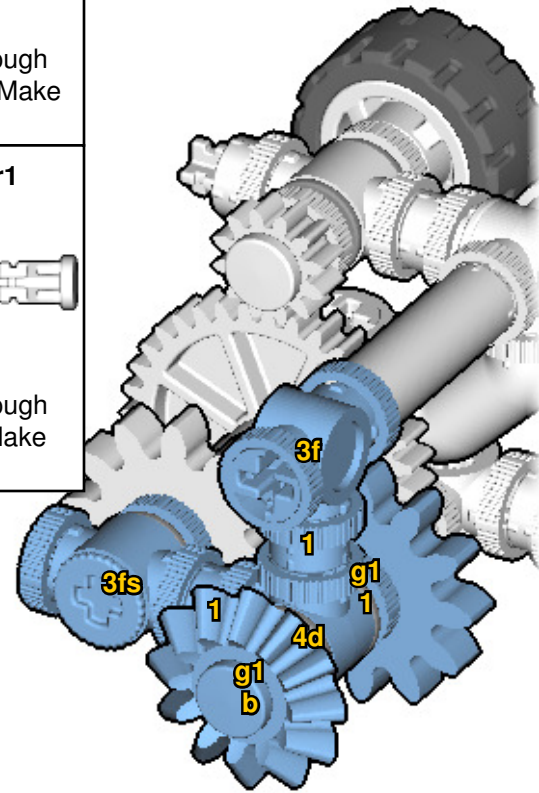
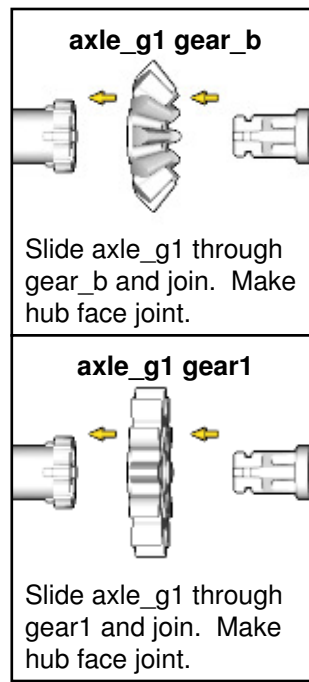
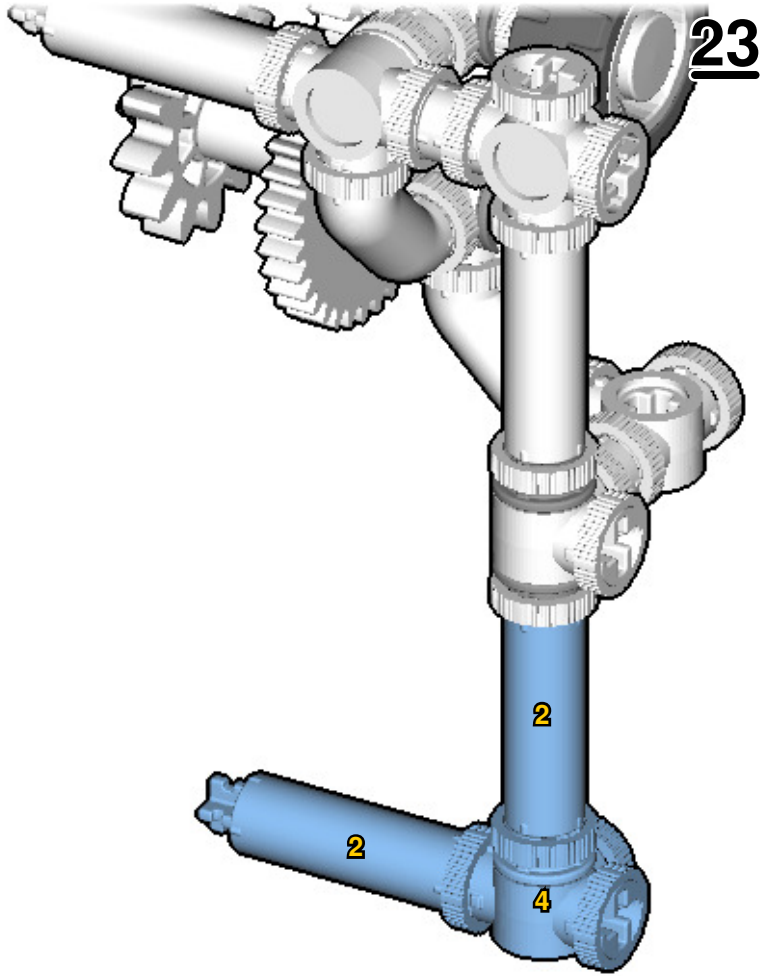


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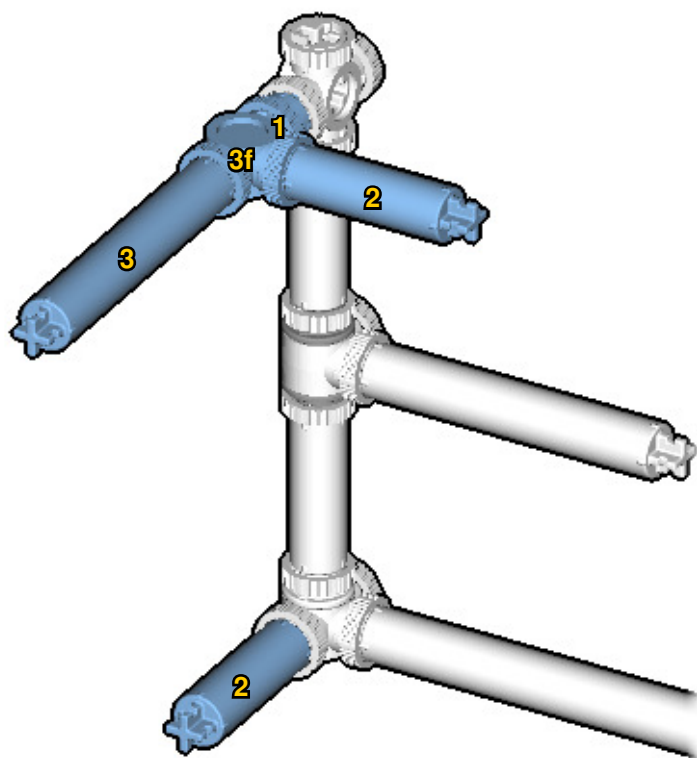


22

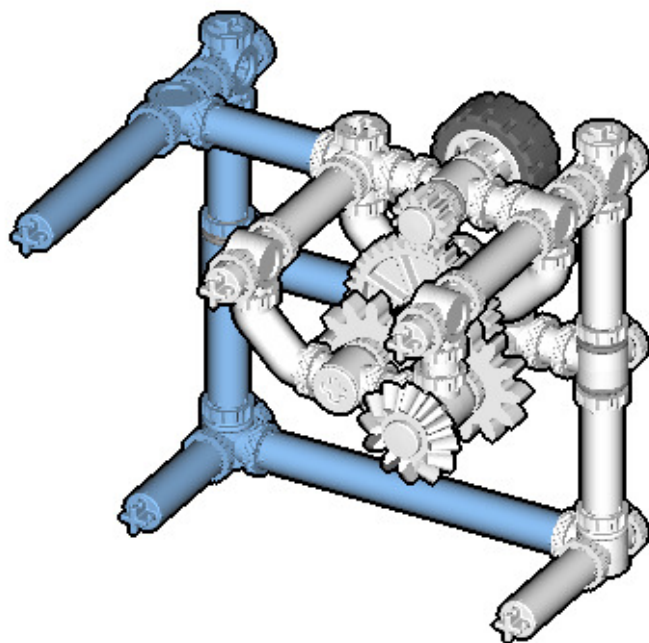




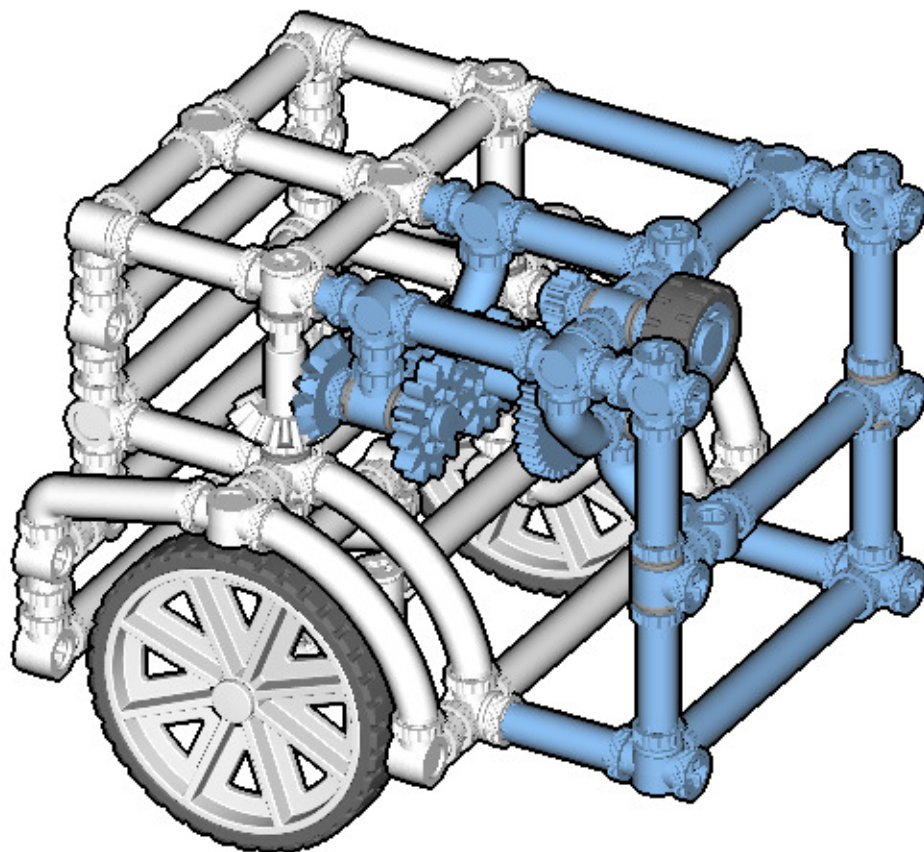
27



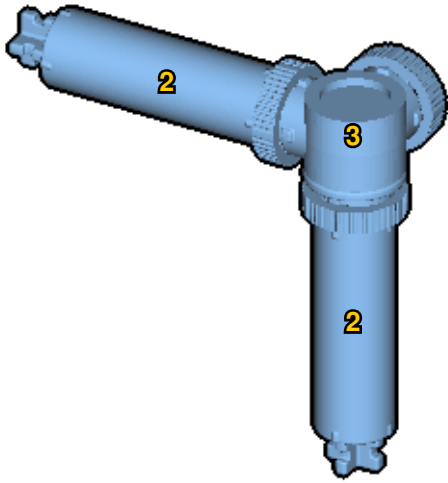
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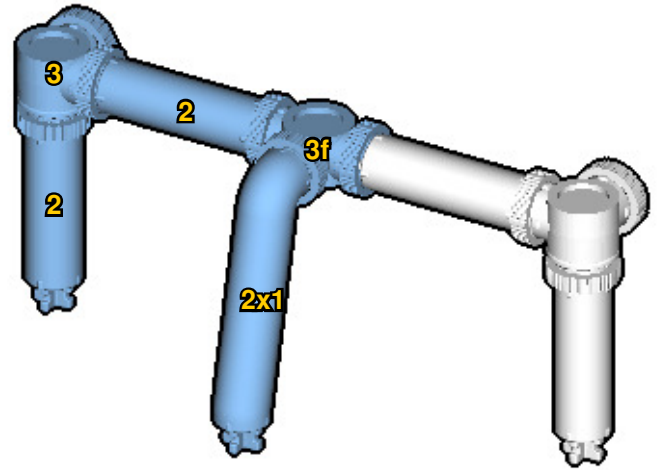
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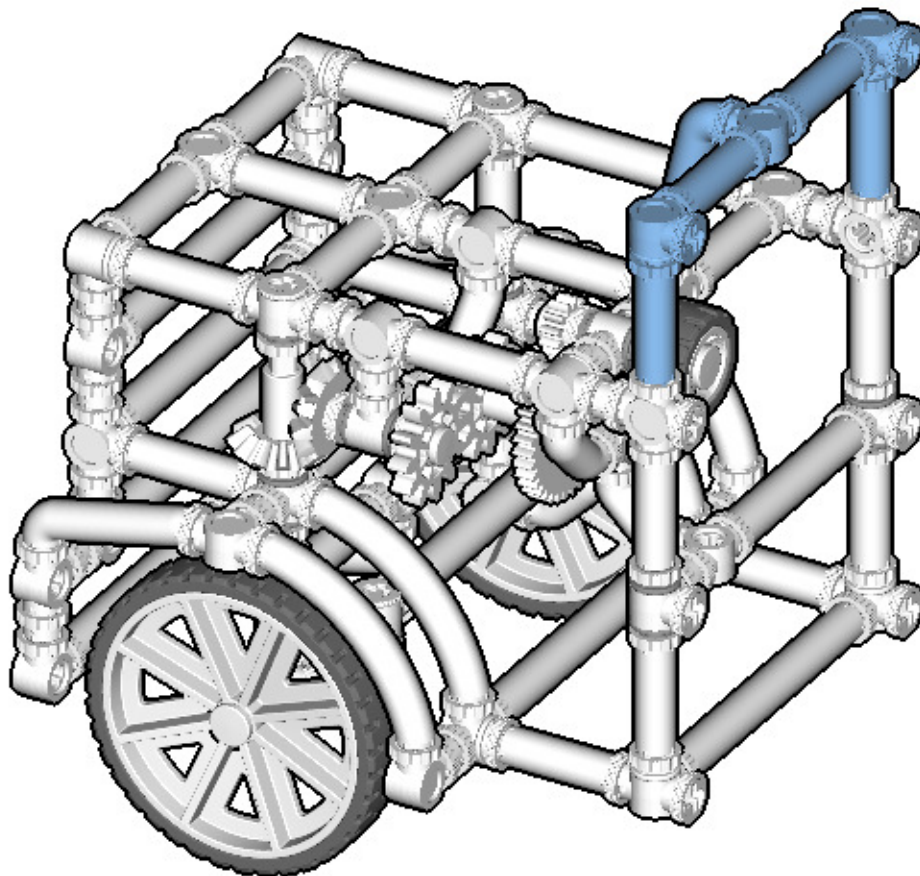
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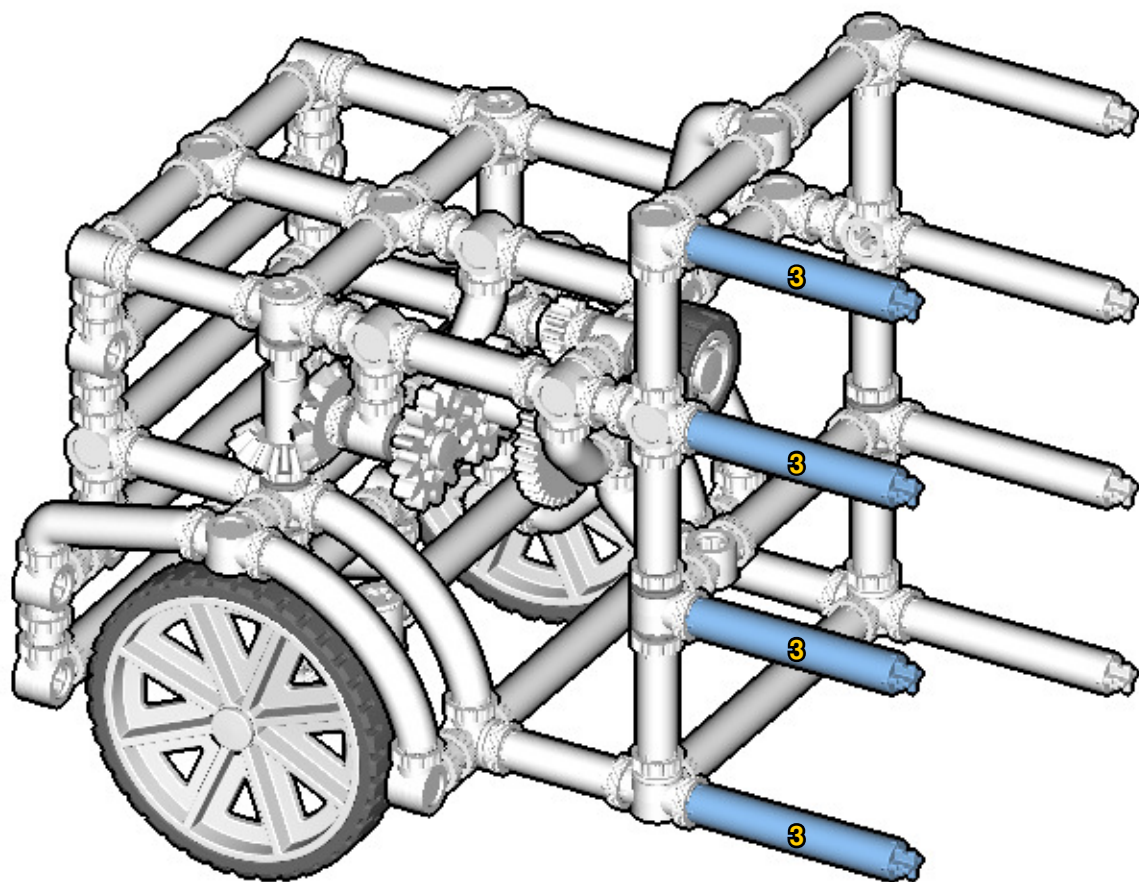
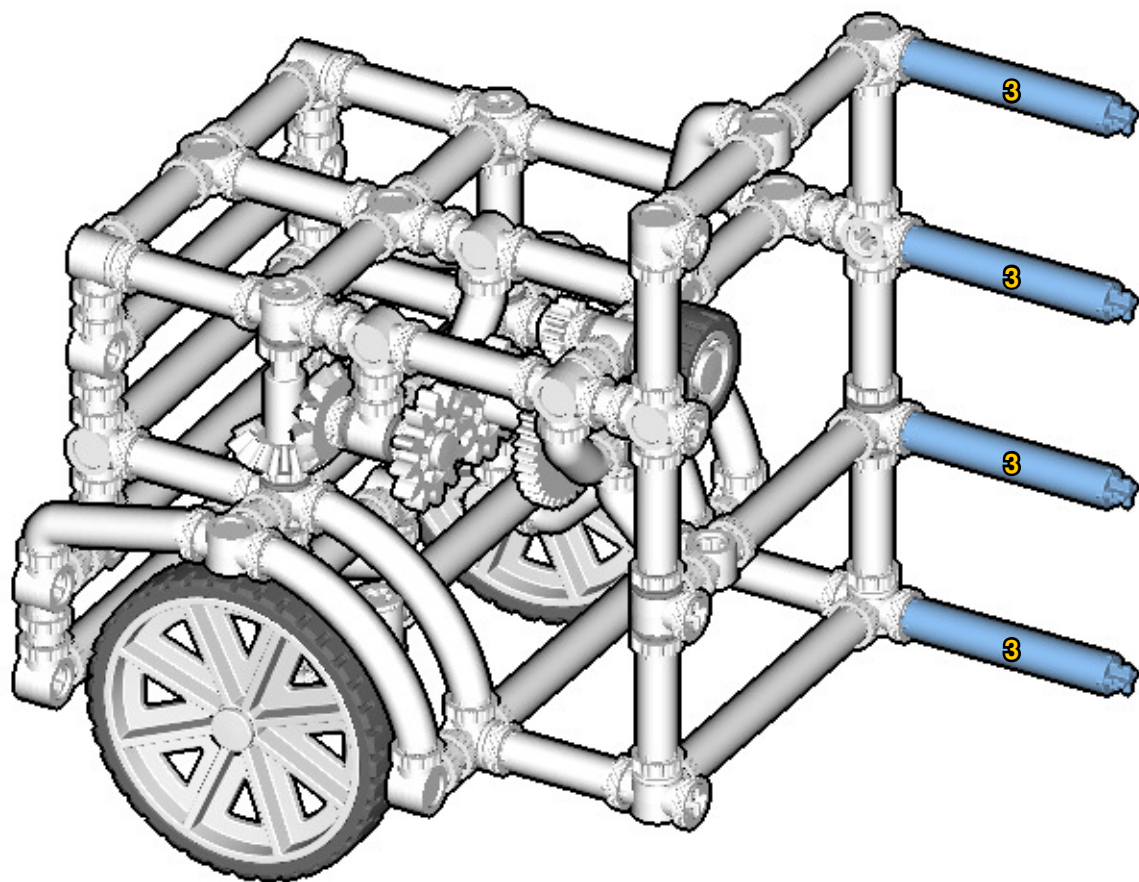


31



32

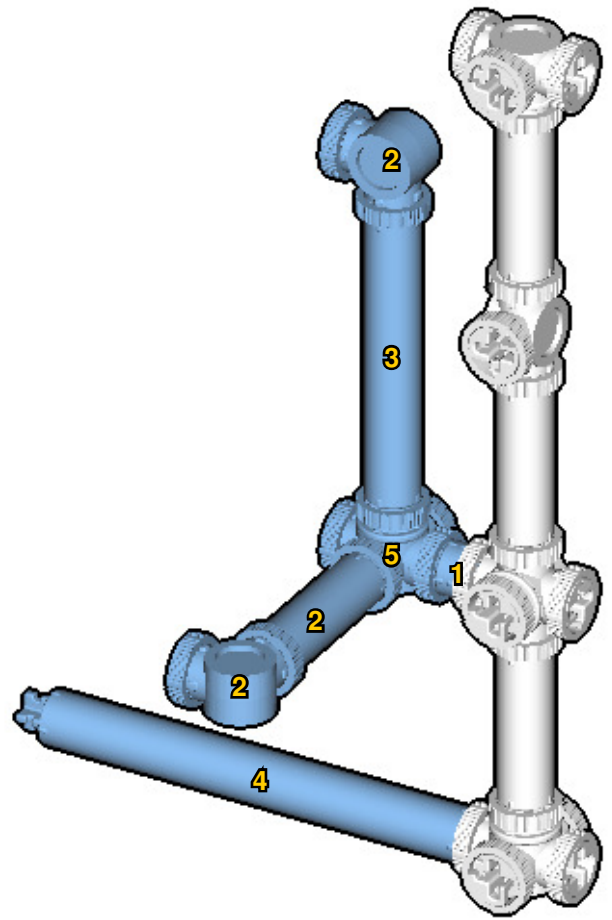




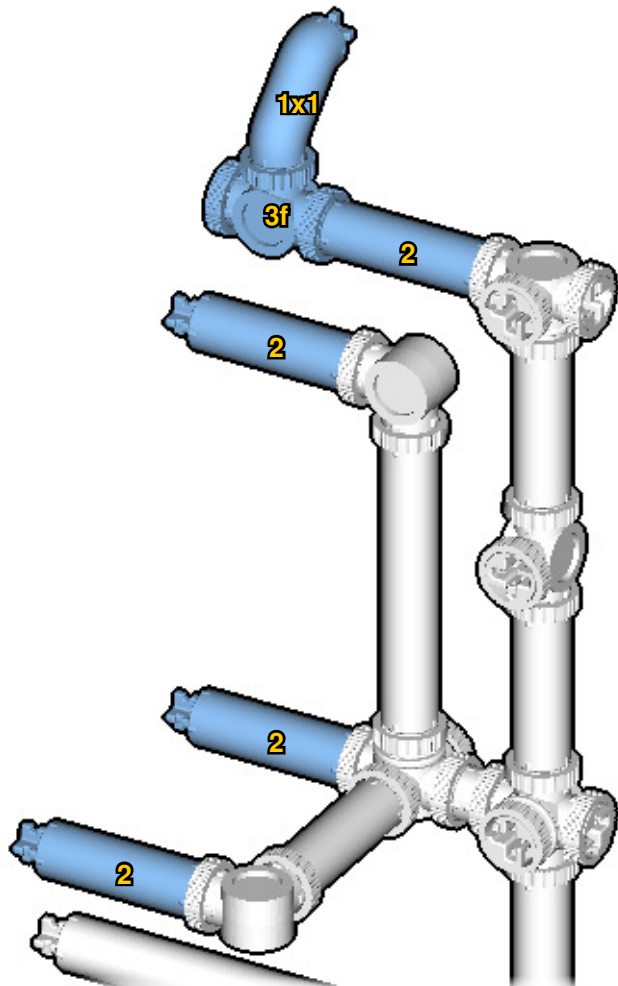
35



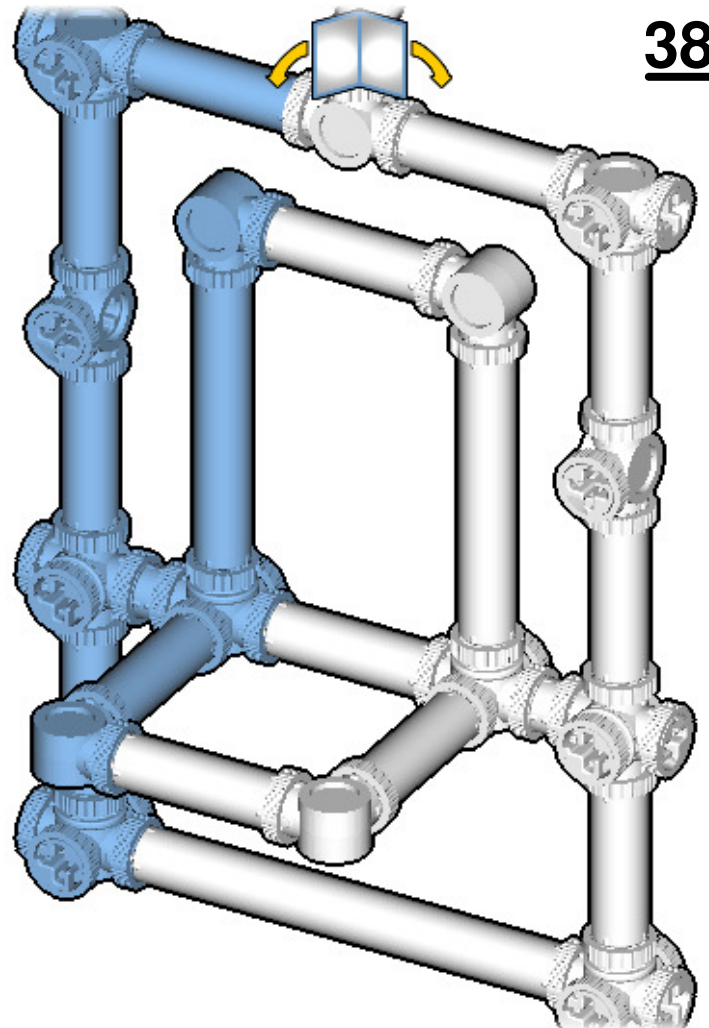
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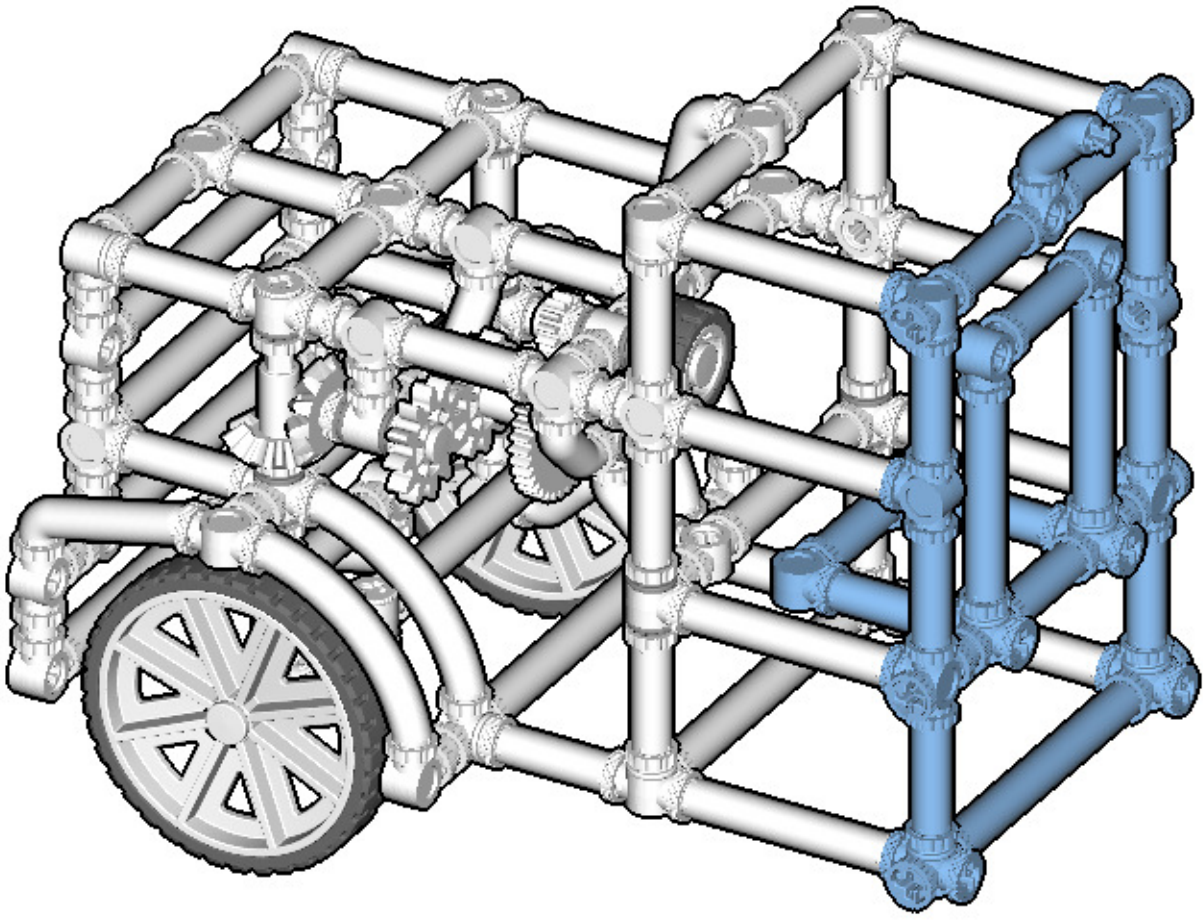


37



38

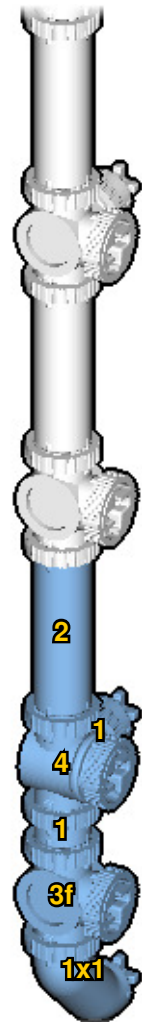


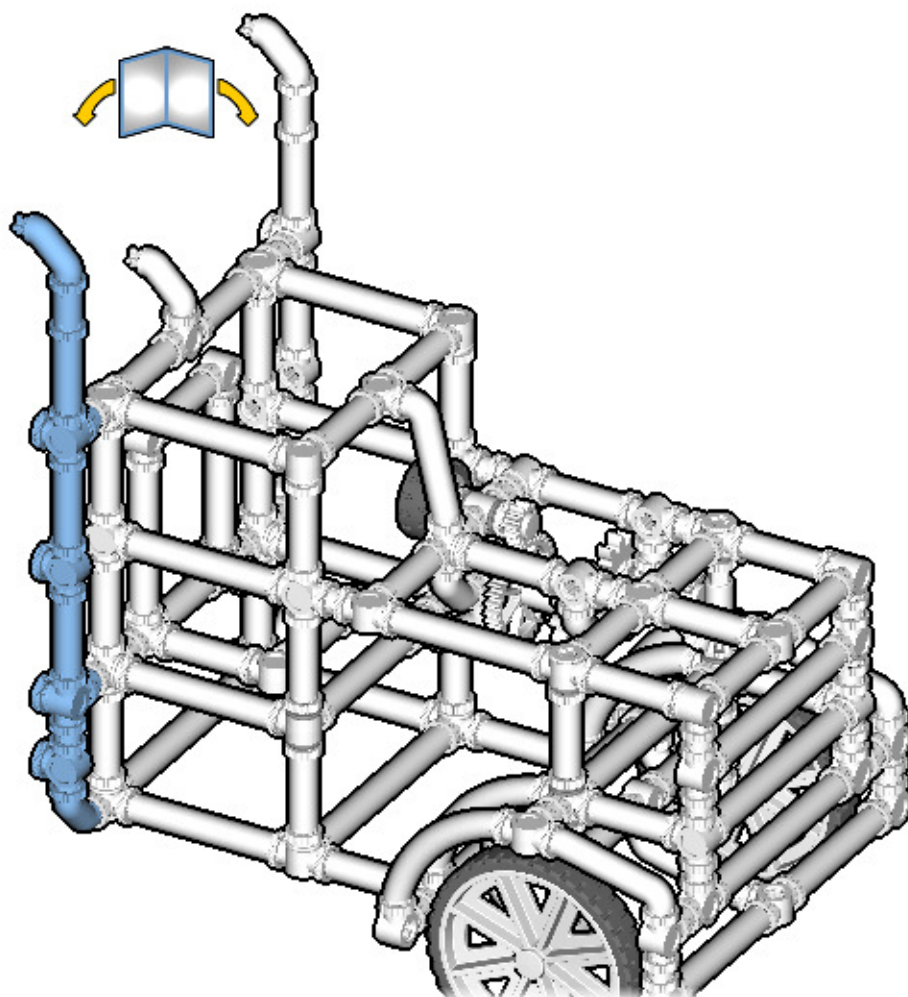
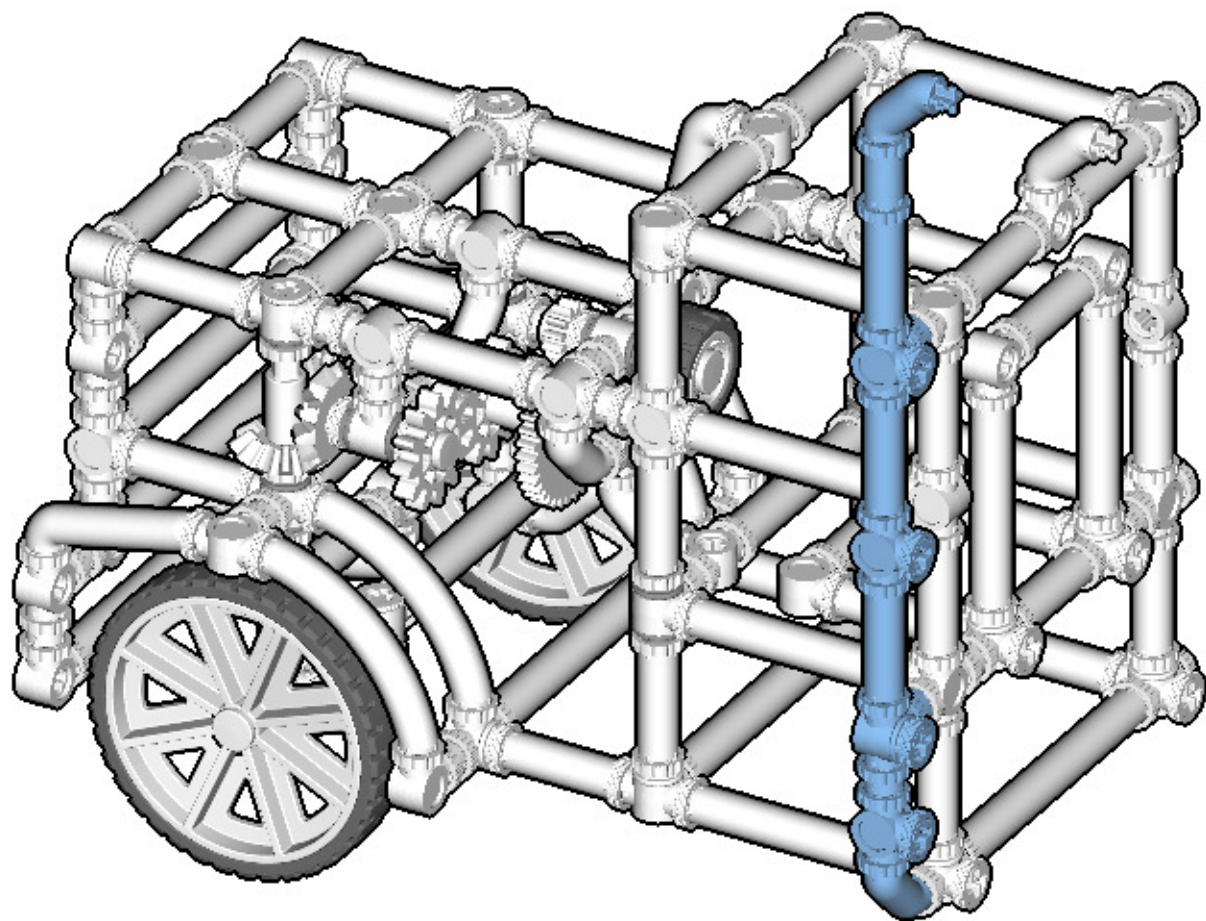


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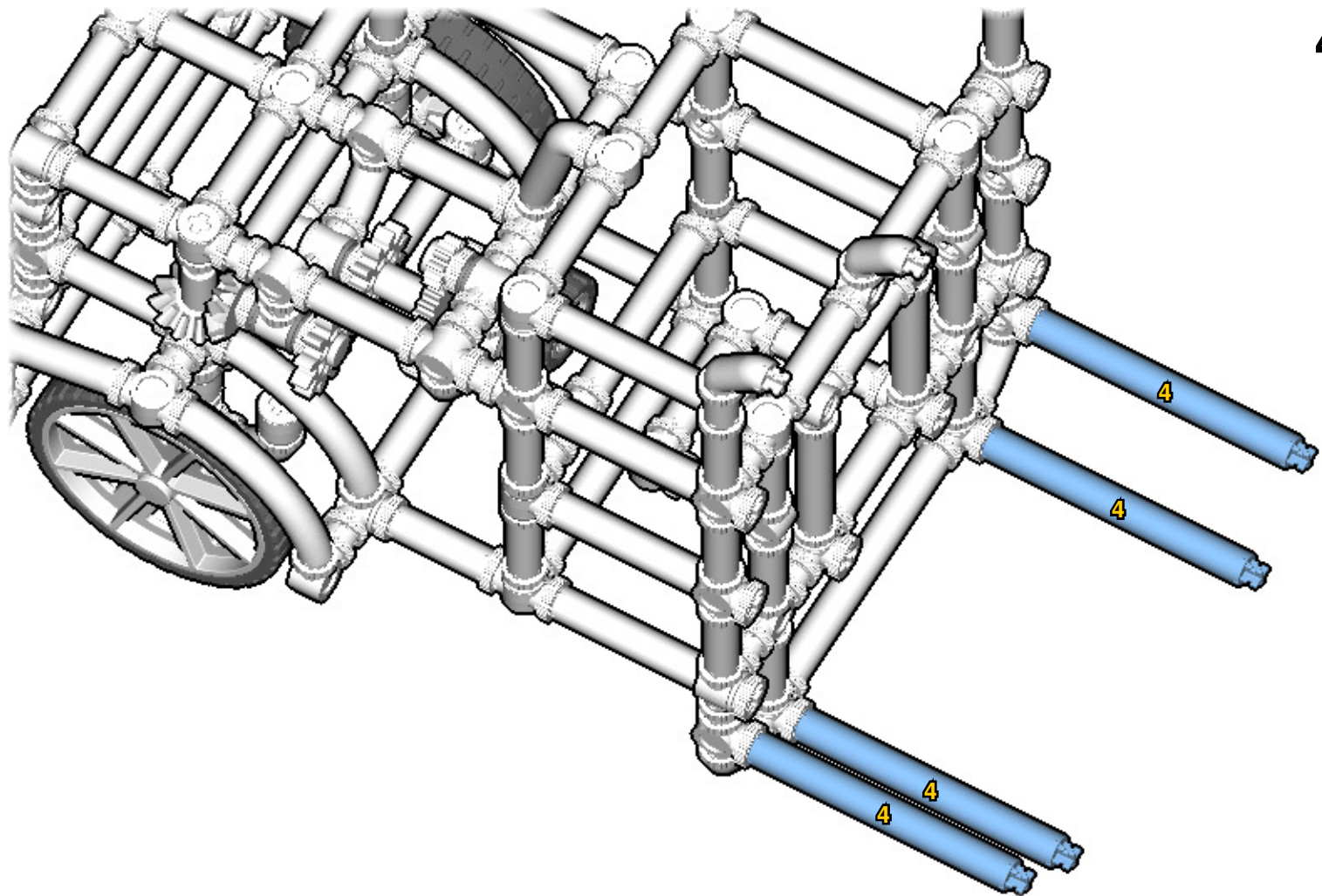


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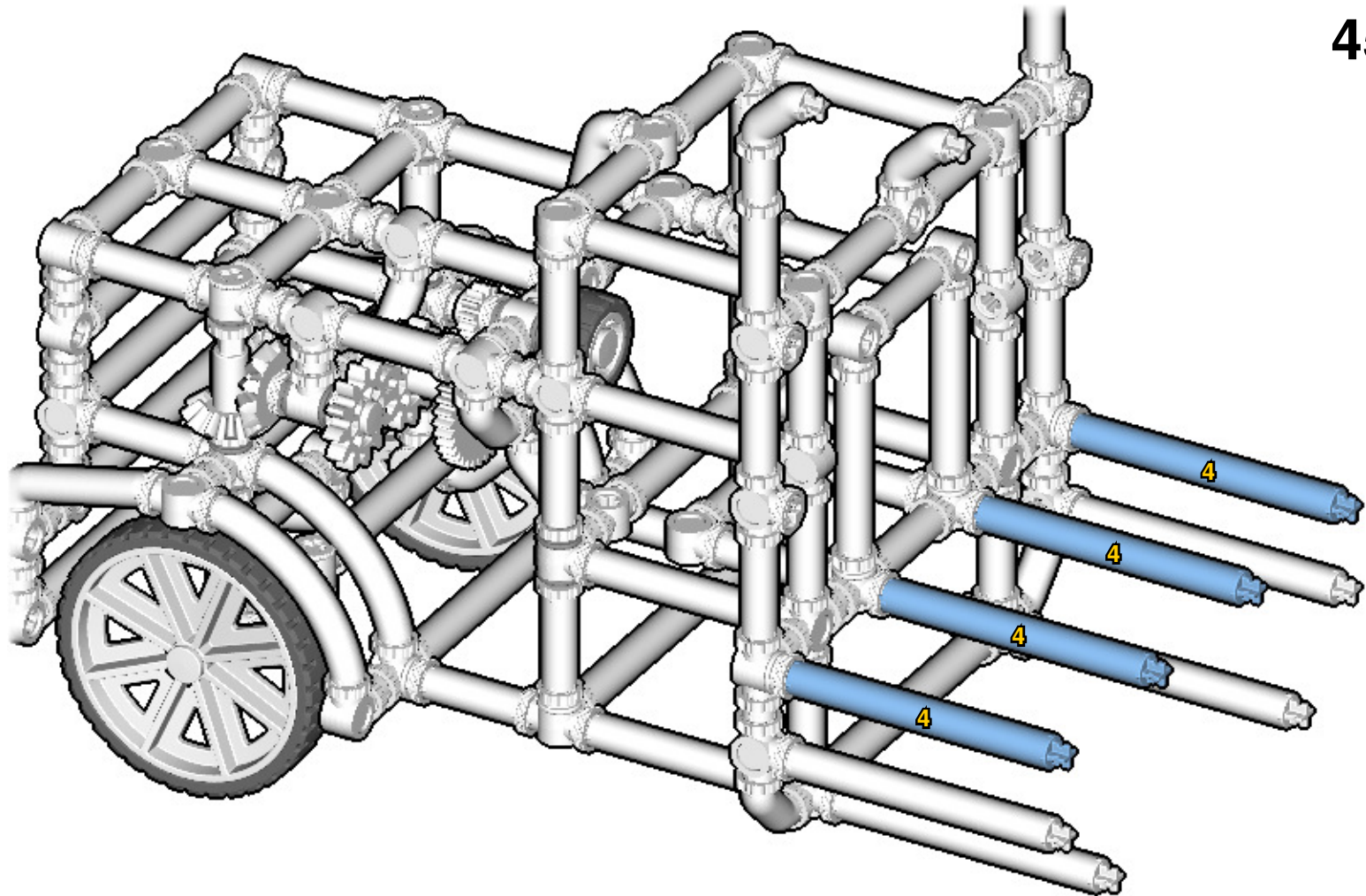




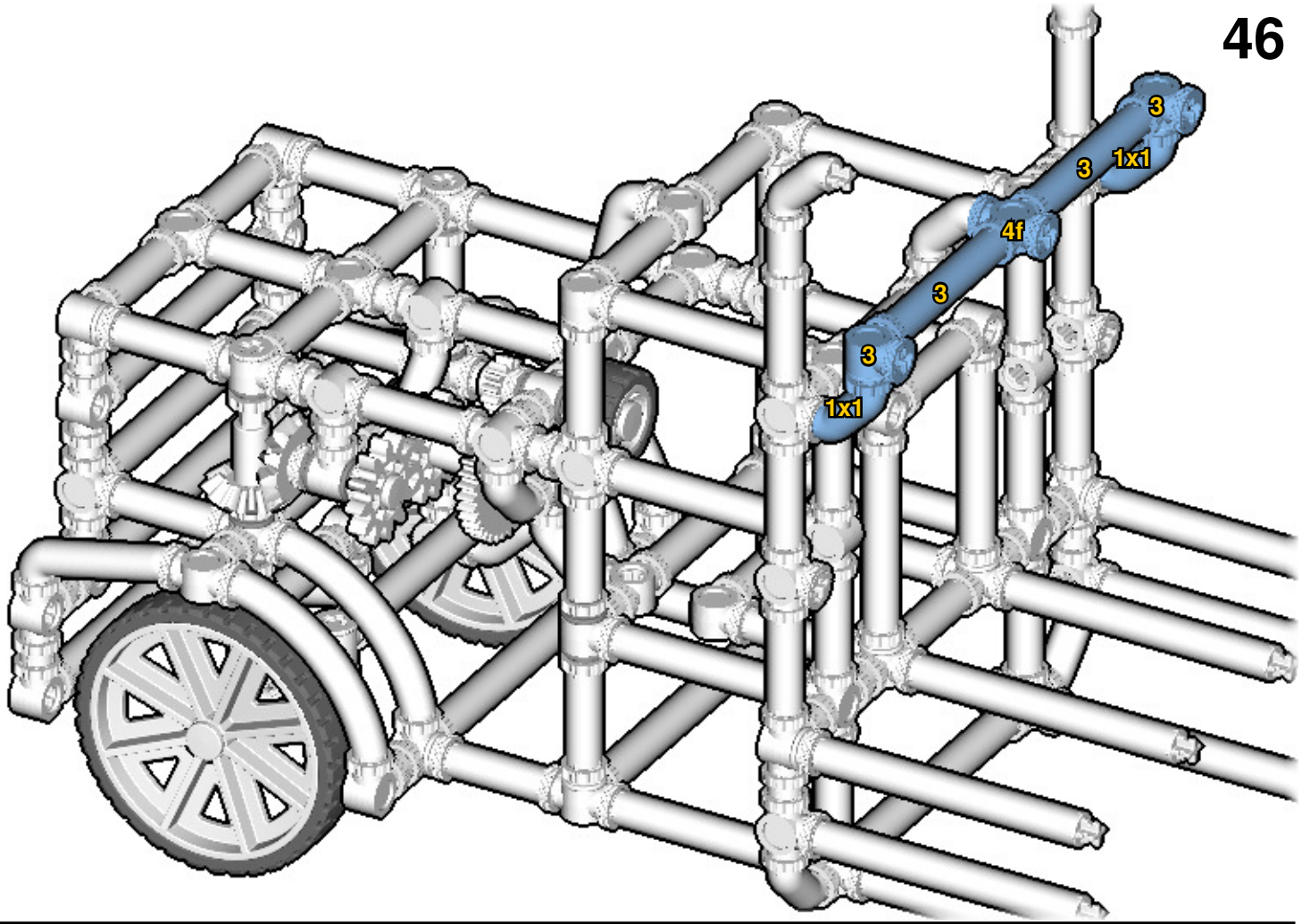
44



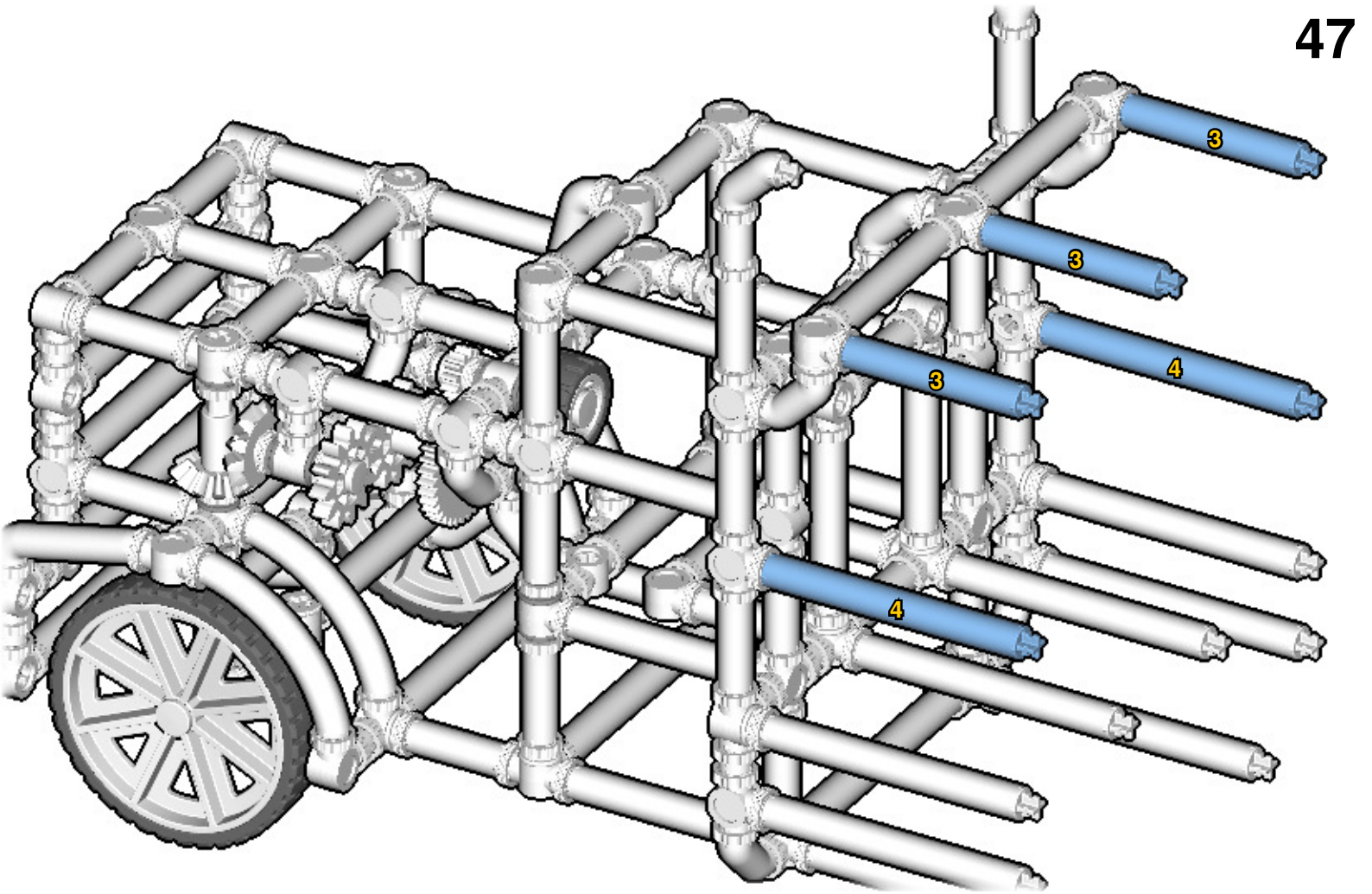
45



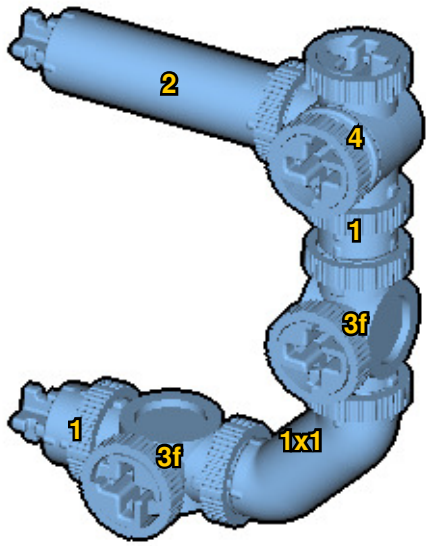
46



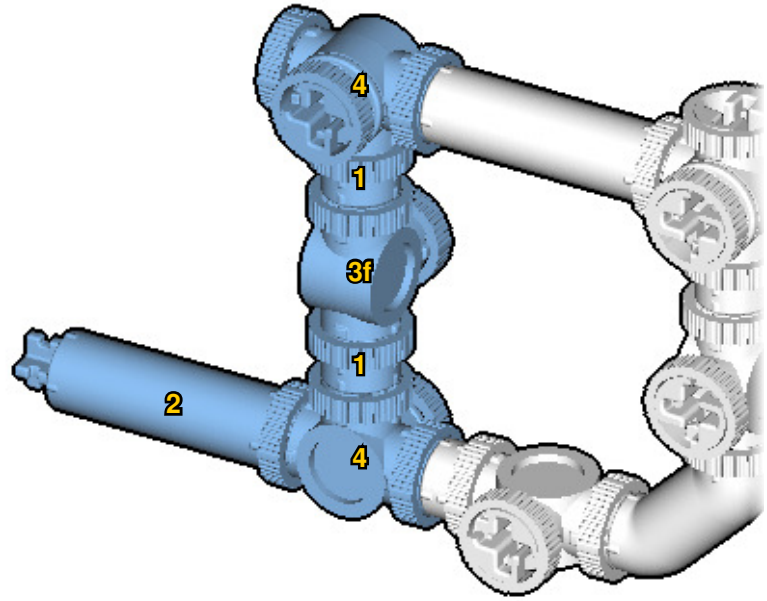
47



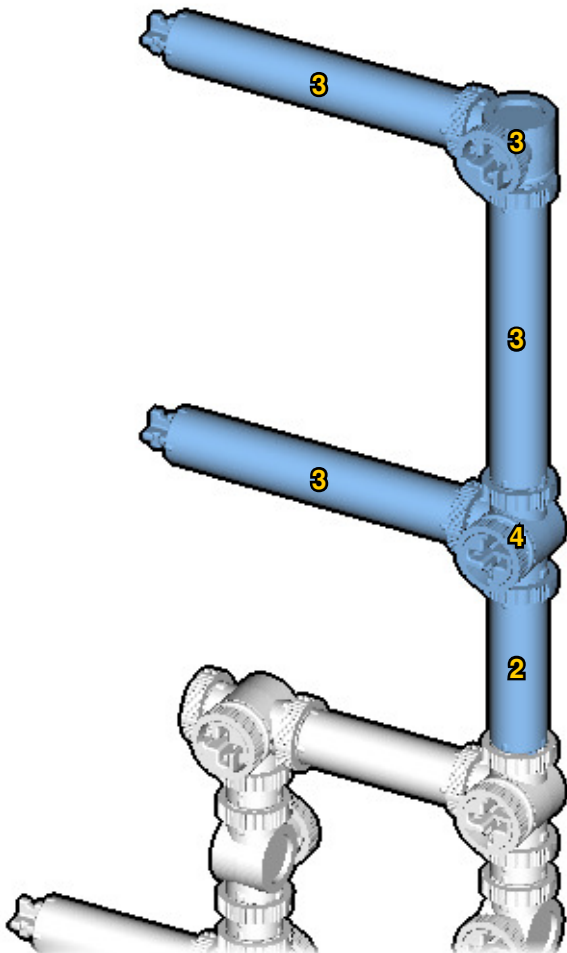
48



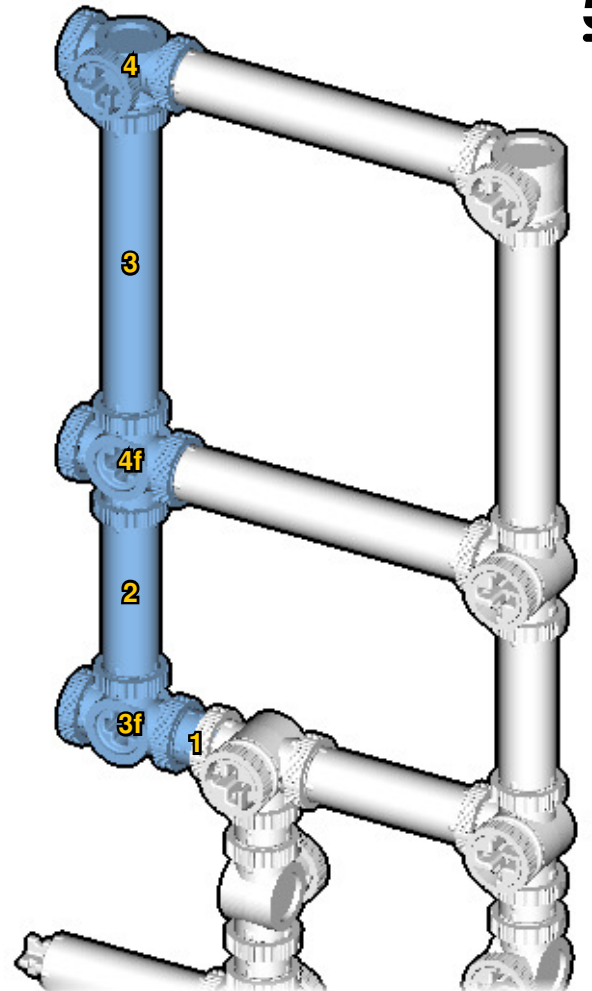
49

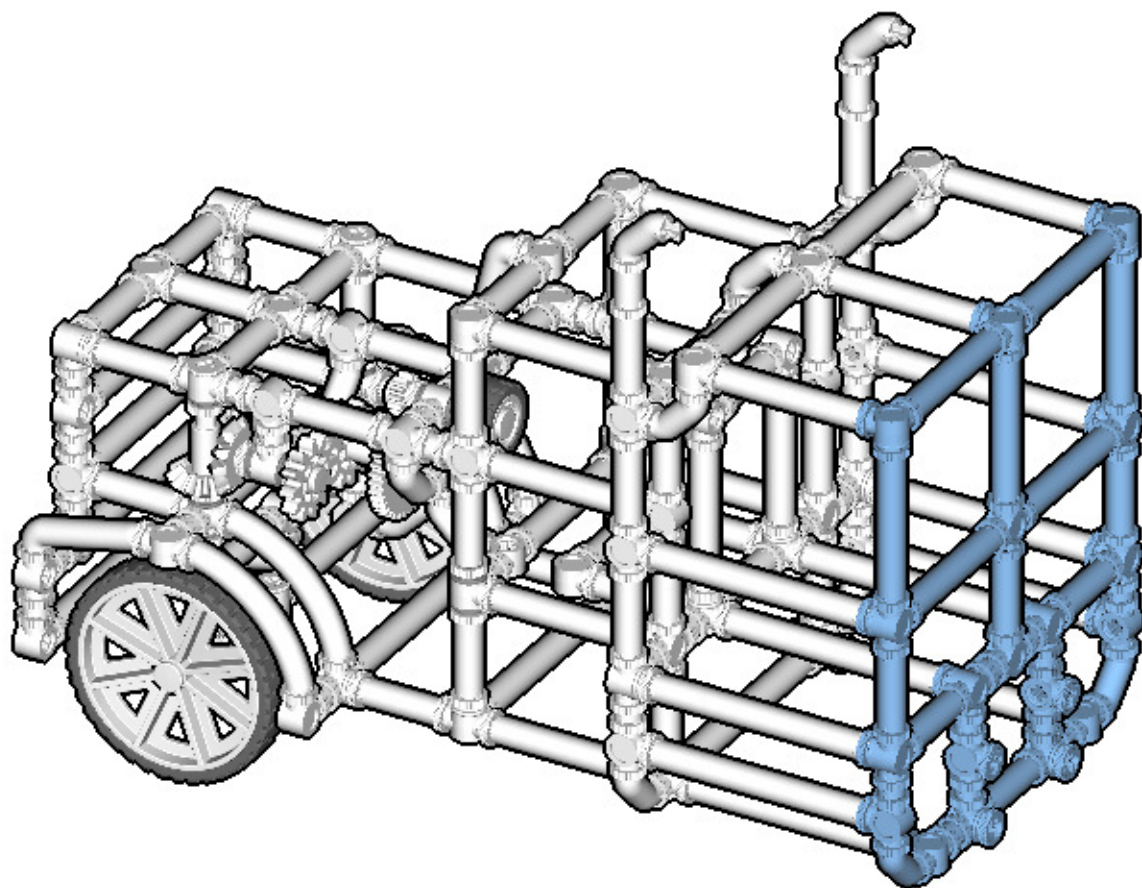
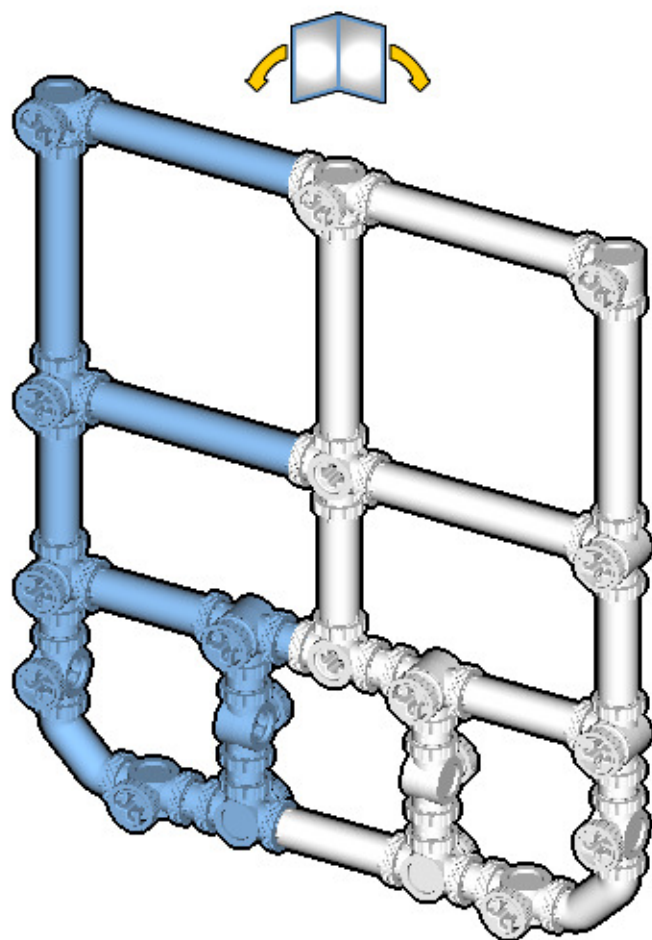


50

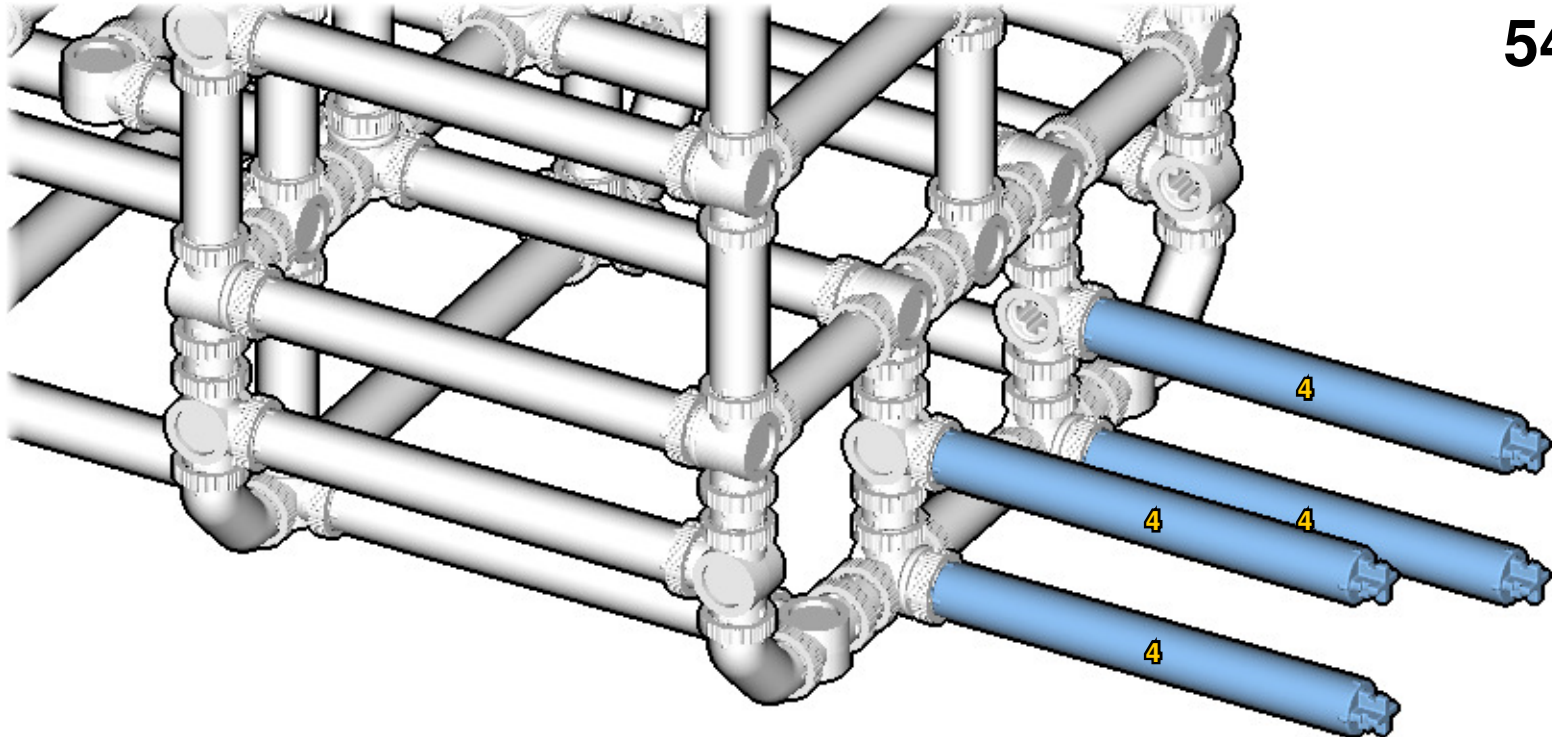


51

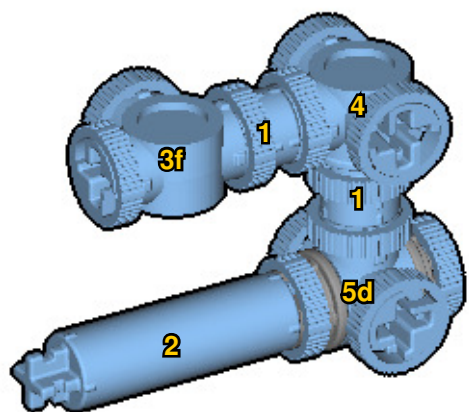




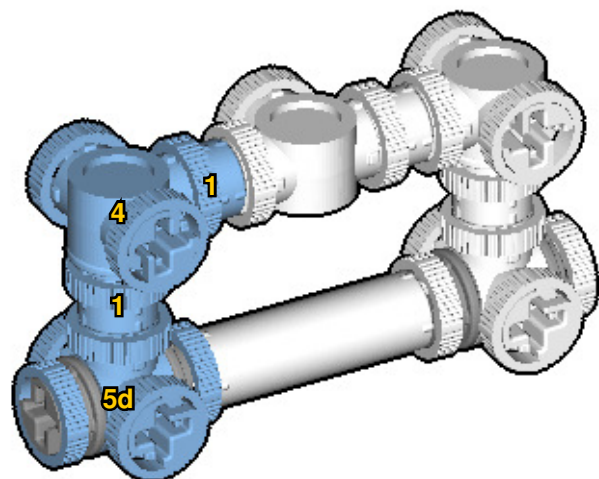
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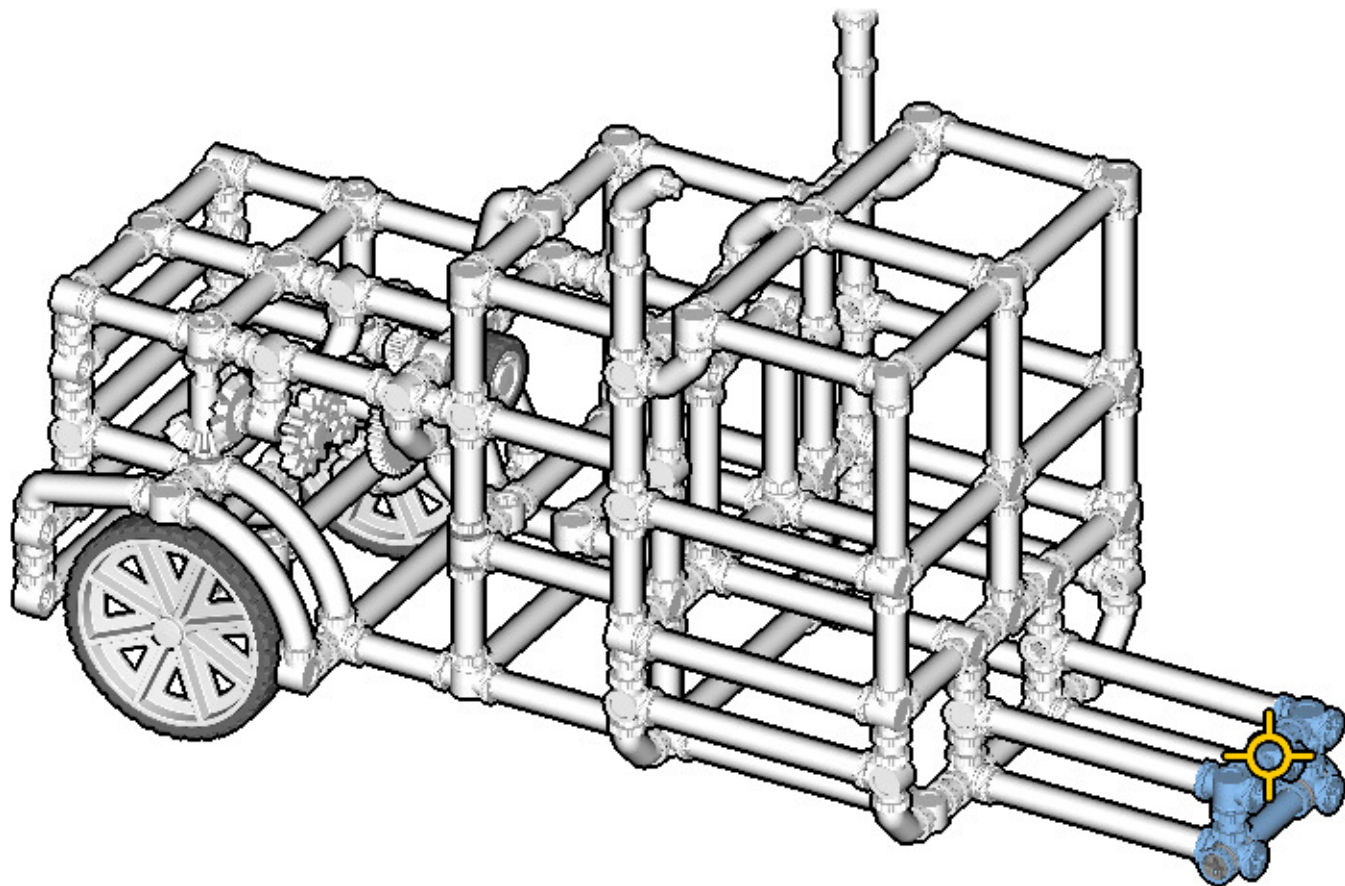


55



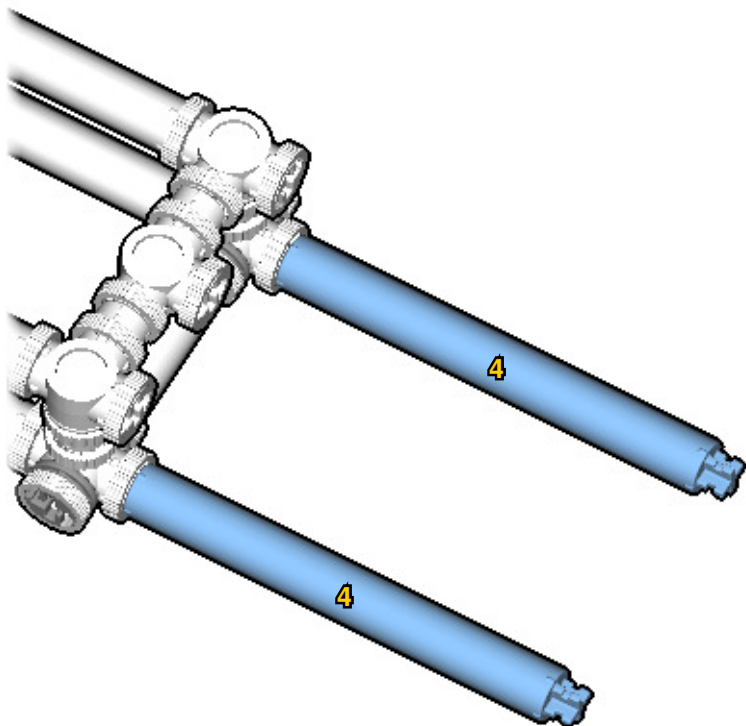
56



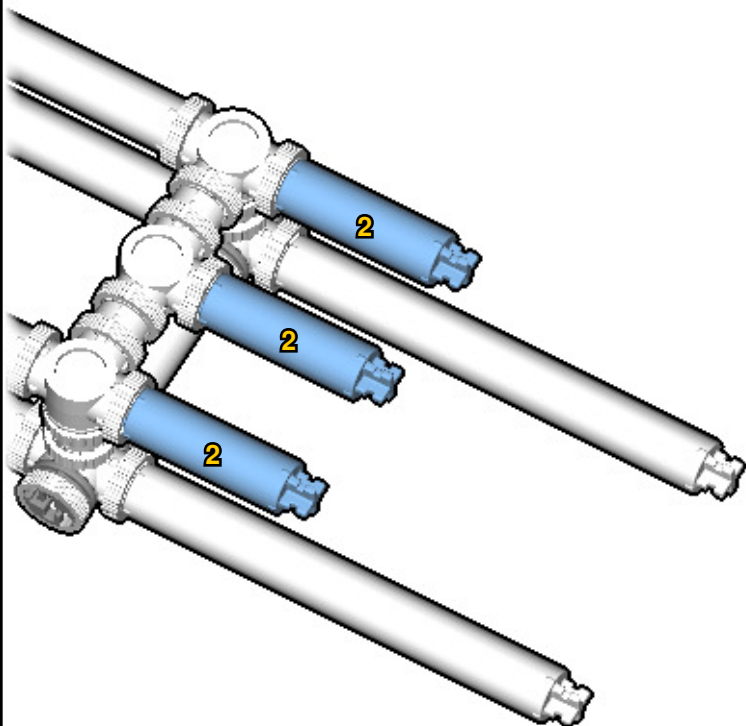


✦ : The next frame is centered on this piece.

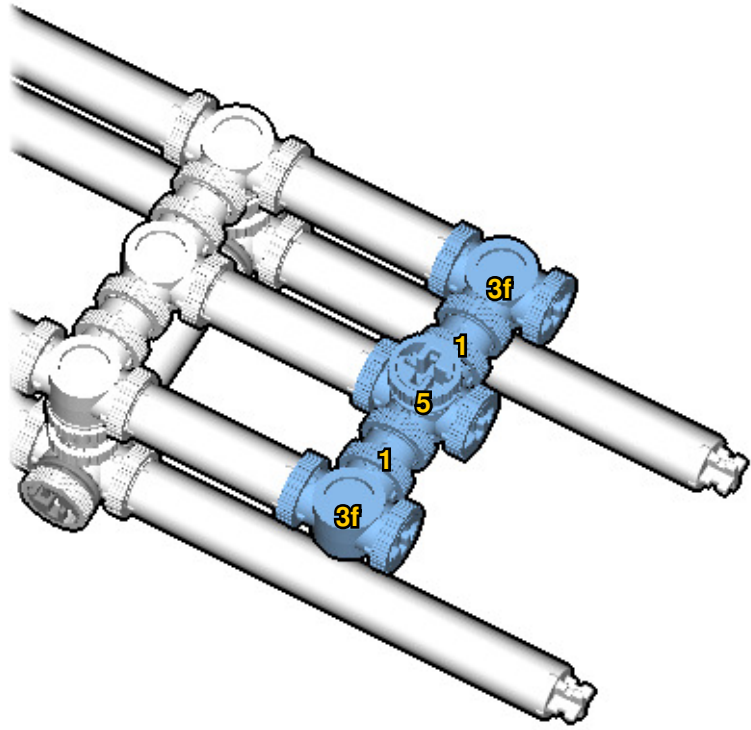
58



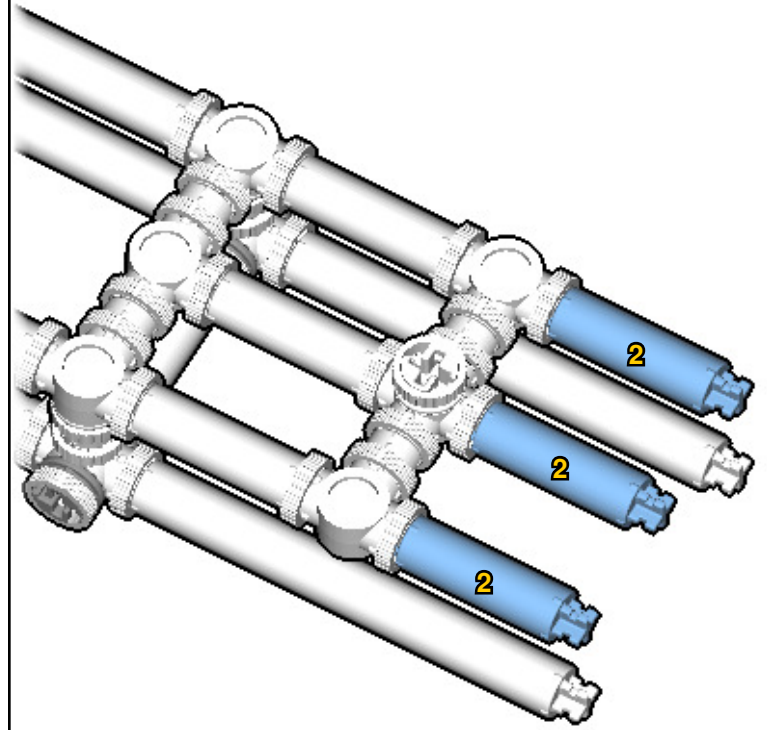
59



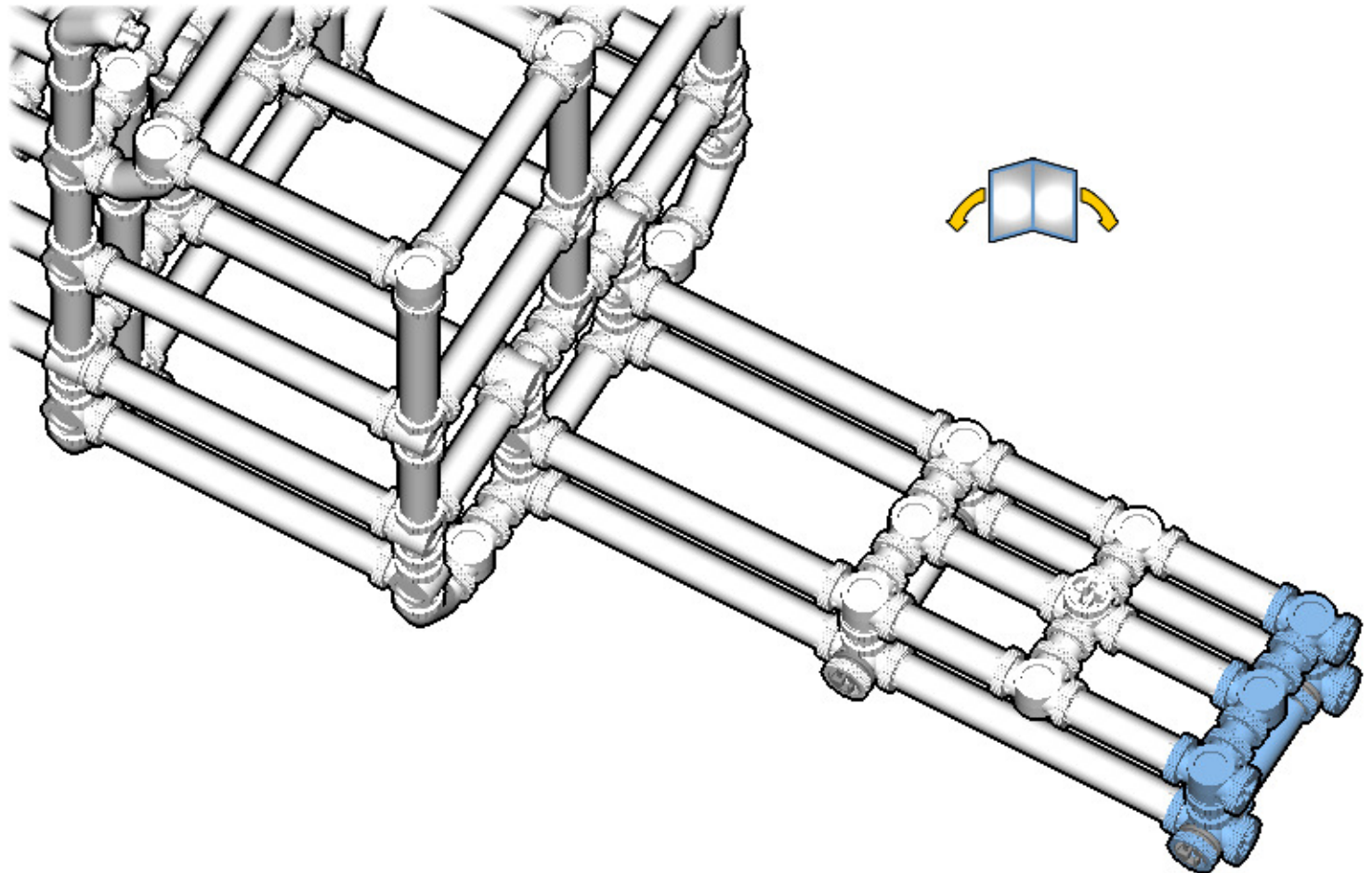
60



61



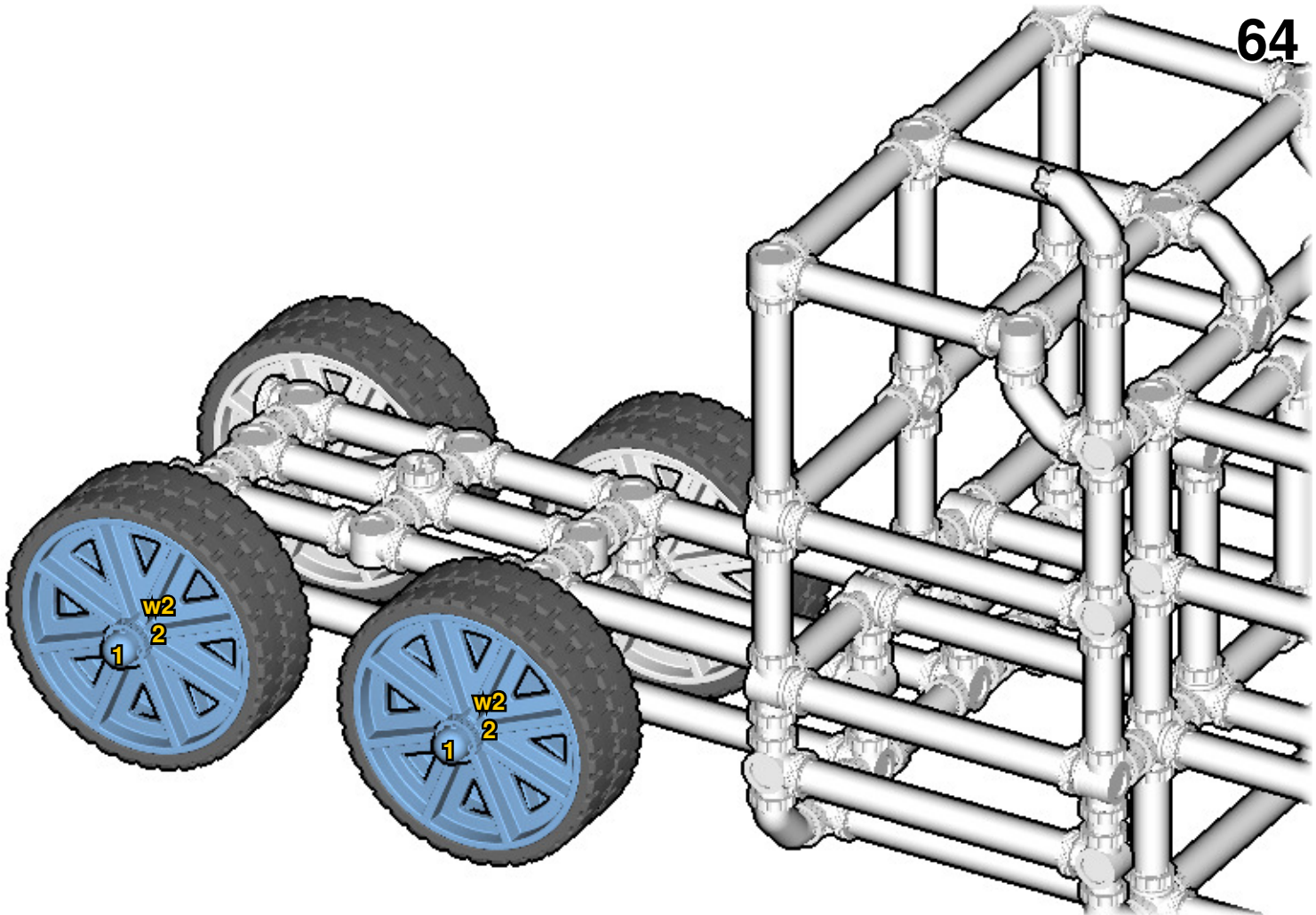
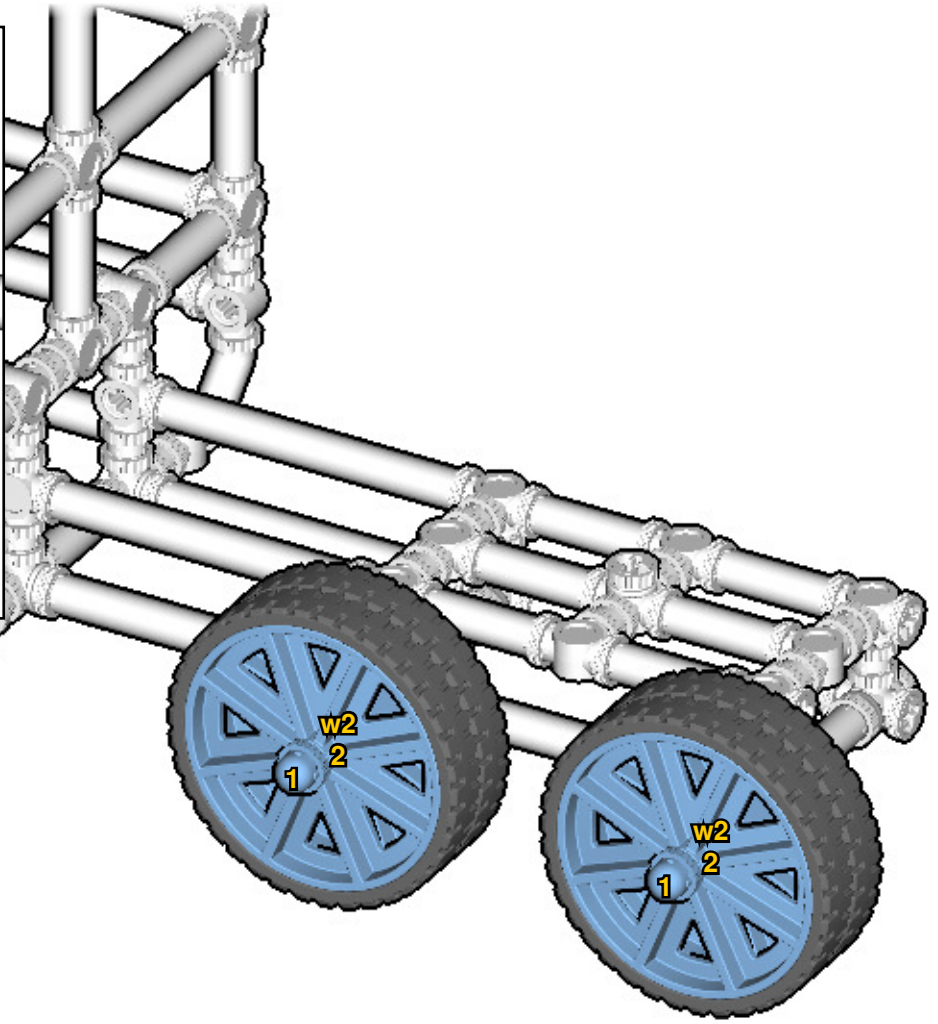
62

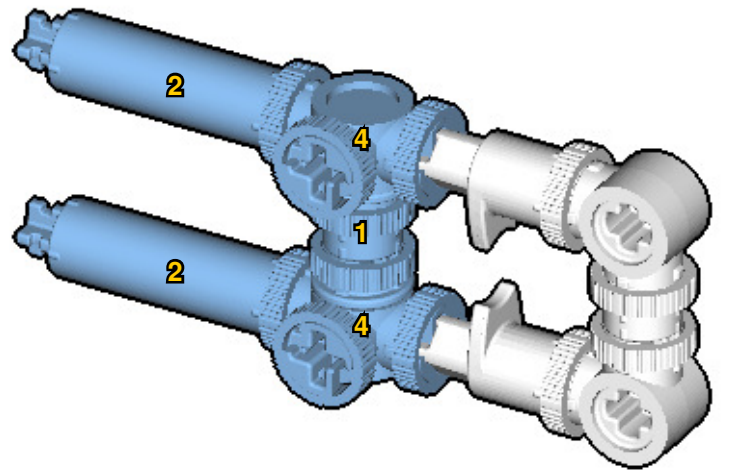
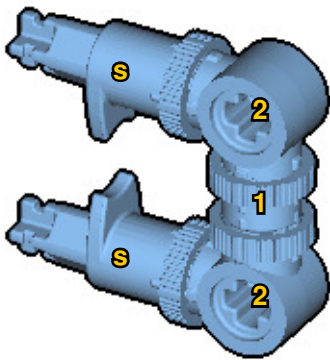
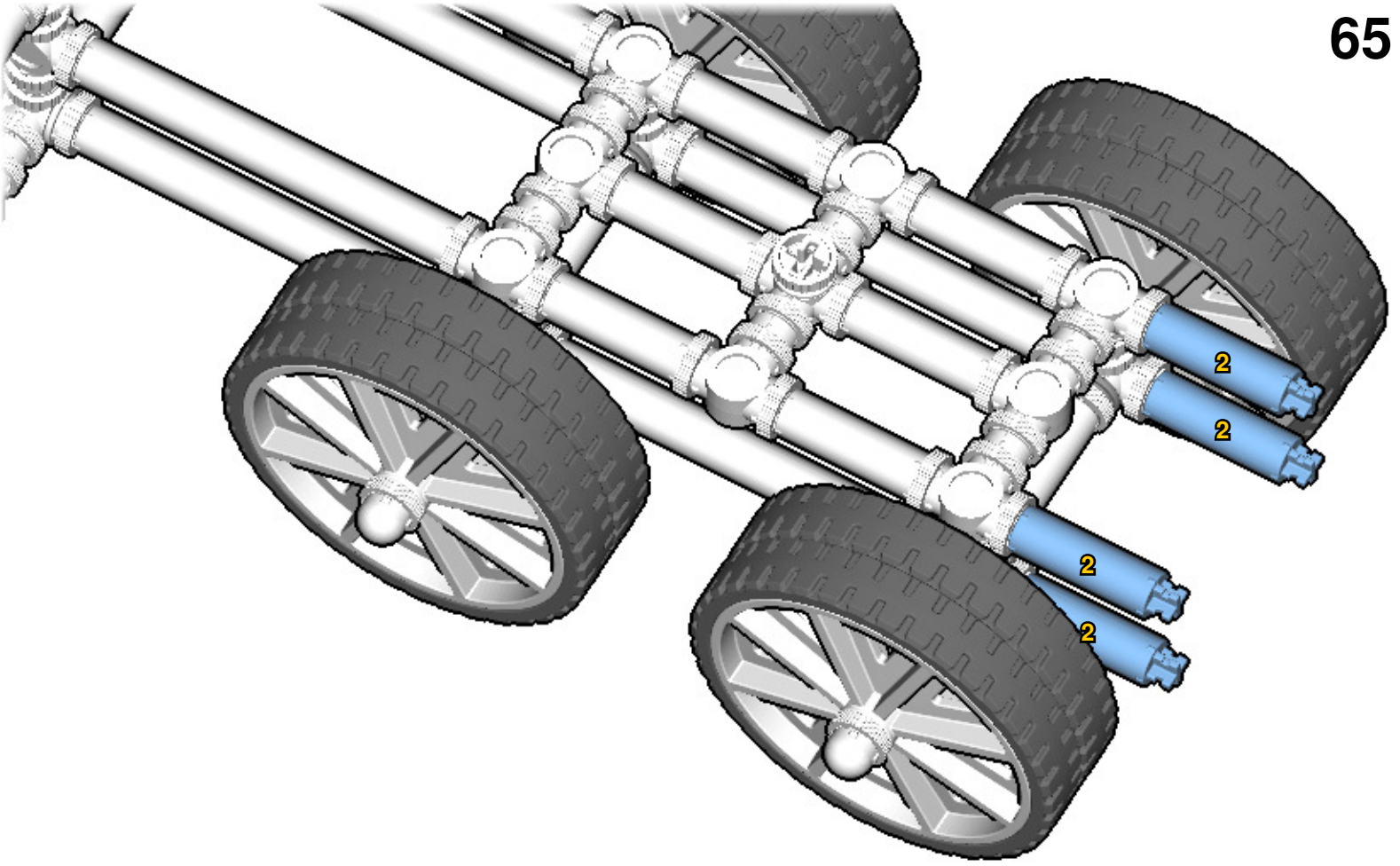


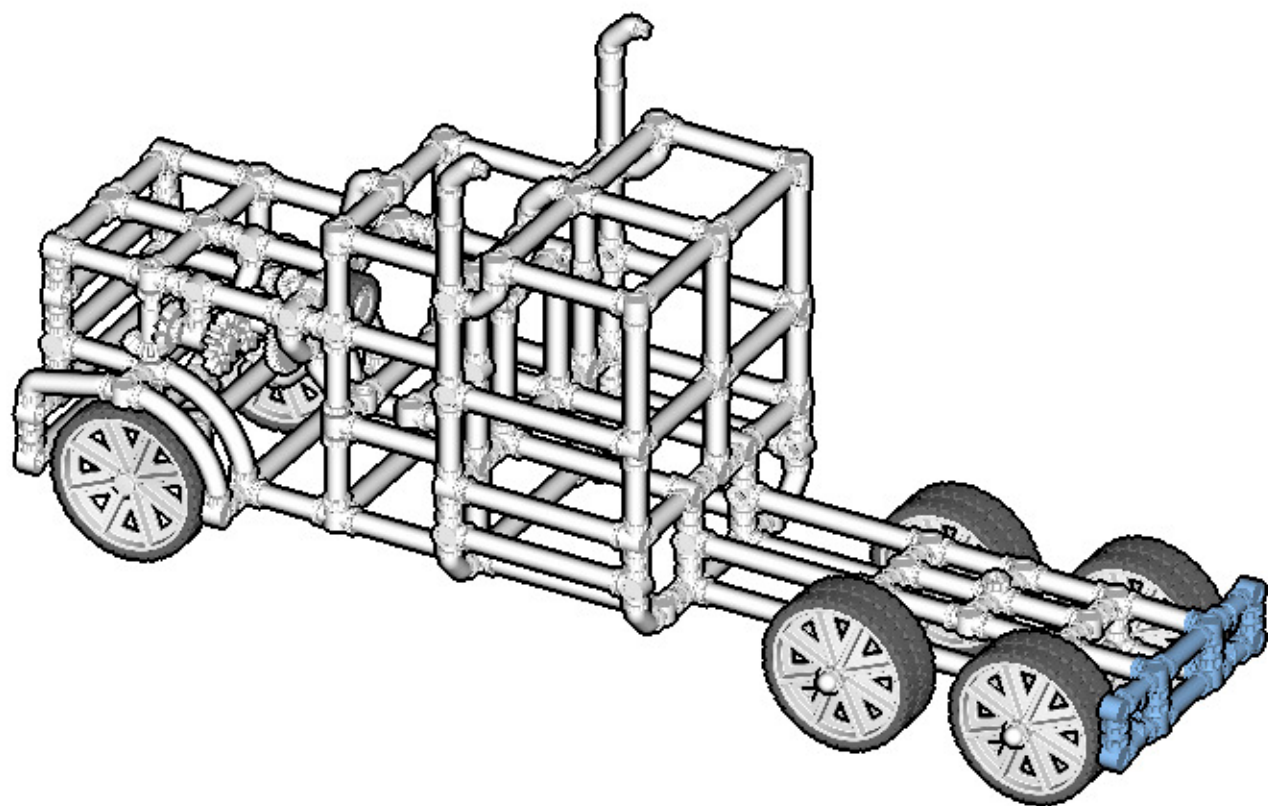
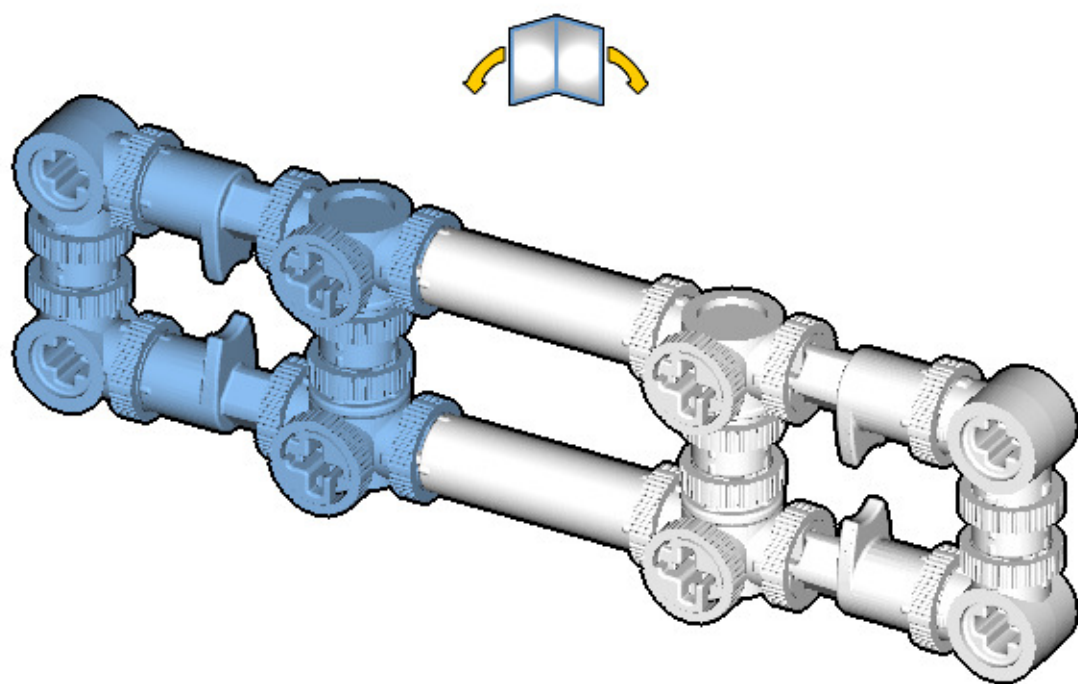
axle_w2 wheel2



















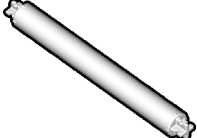















Slide axle_w2 through two wheel2s and join. Make hubs face joint.







INVENTORY

 15x angle1x1	 3x axle_w1	 4x join1	 5x join4f	 3x rotate4d	 64x straight2
 4x angle2x1	 4x axle_w2	 12x join2	 8x join5	 1x rotate4fd	 26x straight3
 4x arc2x2	 2x gear1	 2x join2f	 2x rotate2s	 2x rotate4s	 24x straight4
 3x axle_g1	 1x gear3l	 8x join3	 2x rotate3fd	 4x rotate5d	 1x wheel1
 2x axle_g2	 1x gear3s	 34x join3f	 1x rotate3fs	 3x rotate6d	 10x wheel2
 4x axle_s	 2x gear_b	 30x join4	 2x rotate3s	 59x straight1	

ACTUAL SIZE

