

# Assembly Instructions

## Ferris Wheel



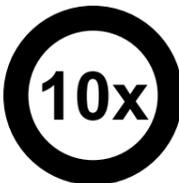
# Explanation of symbols



Optional: Decide between two or more options. You need only one.



Screwdriver: Fix this part with a screw.



Repeat this step the number of times in the circle.



Don't glue these parts.



Number of current step



Optional: You can decide whether you want this part or not. It's not necessary.



Apply some precision engineering oil for better movement. Mind to use plastic-friendly oil.



Install cables in this step.

# Partlist

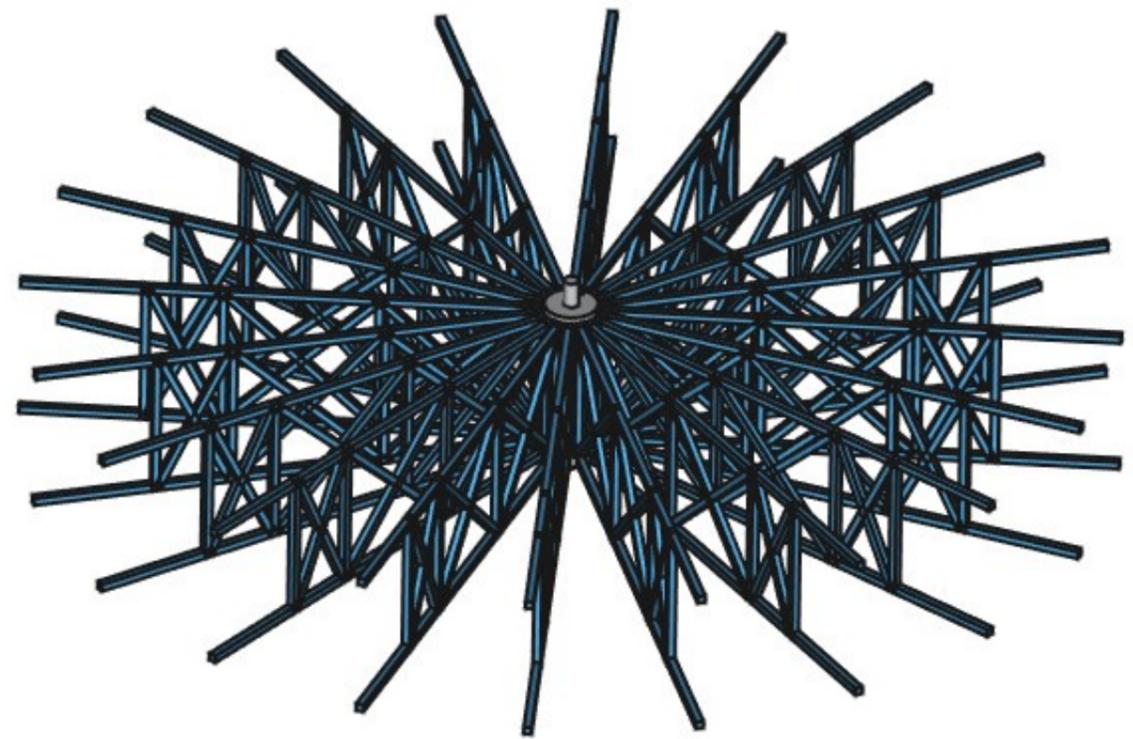
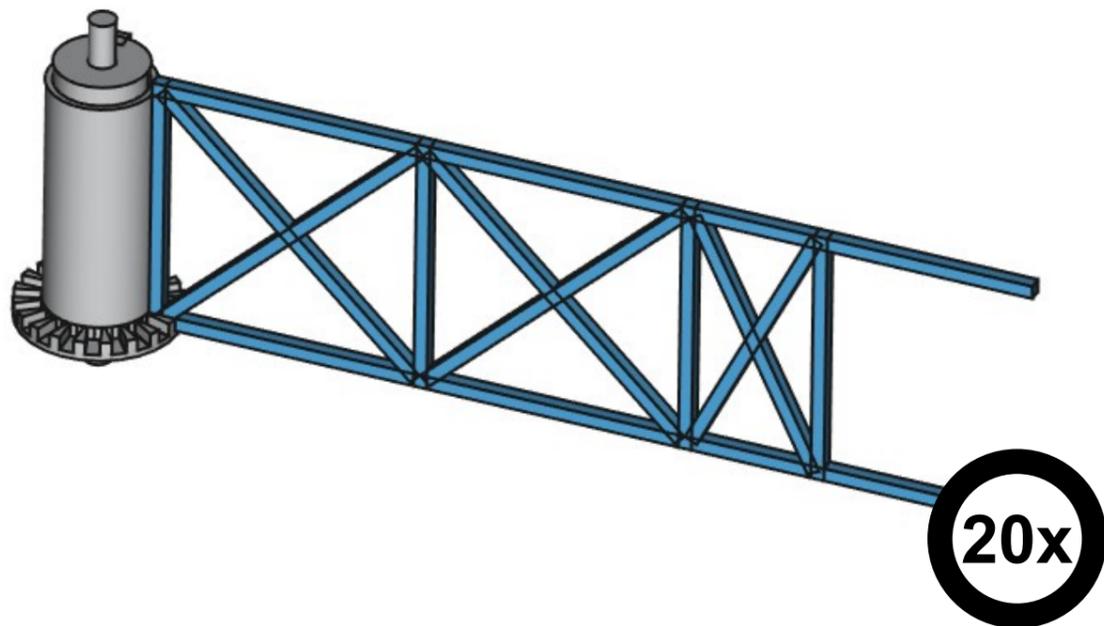
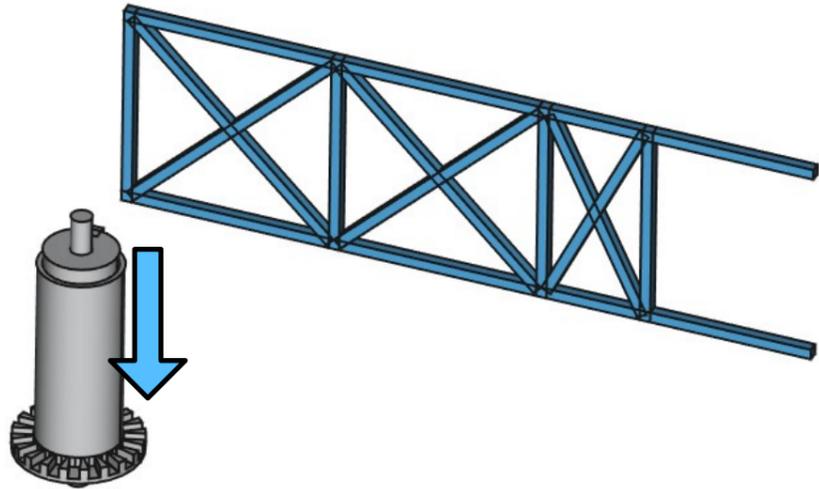
Part	Number of prints
BA.stl	2
BH.stl	1
BV.stl	1
G1.stl	2
G2.stl	2
G3.stl	4
G4.stl	2
G5.stl	1
GD.stl	20
GO.stl	20
K.stl	1
KD.stl	1
MM1.stl	1
MM2.stl	1
MM3.stl	1
P.stl	1
RH.stl <b>OR</b>	1
RH_cutted.stl	4
RV.stl <b>OR</b>	1
RV_cutted.stl	4
TR.stl	20
UK.stl	1
W1.stl	1
W2.stl	1
Z.stl	1

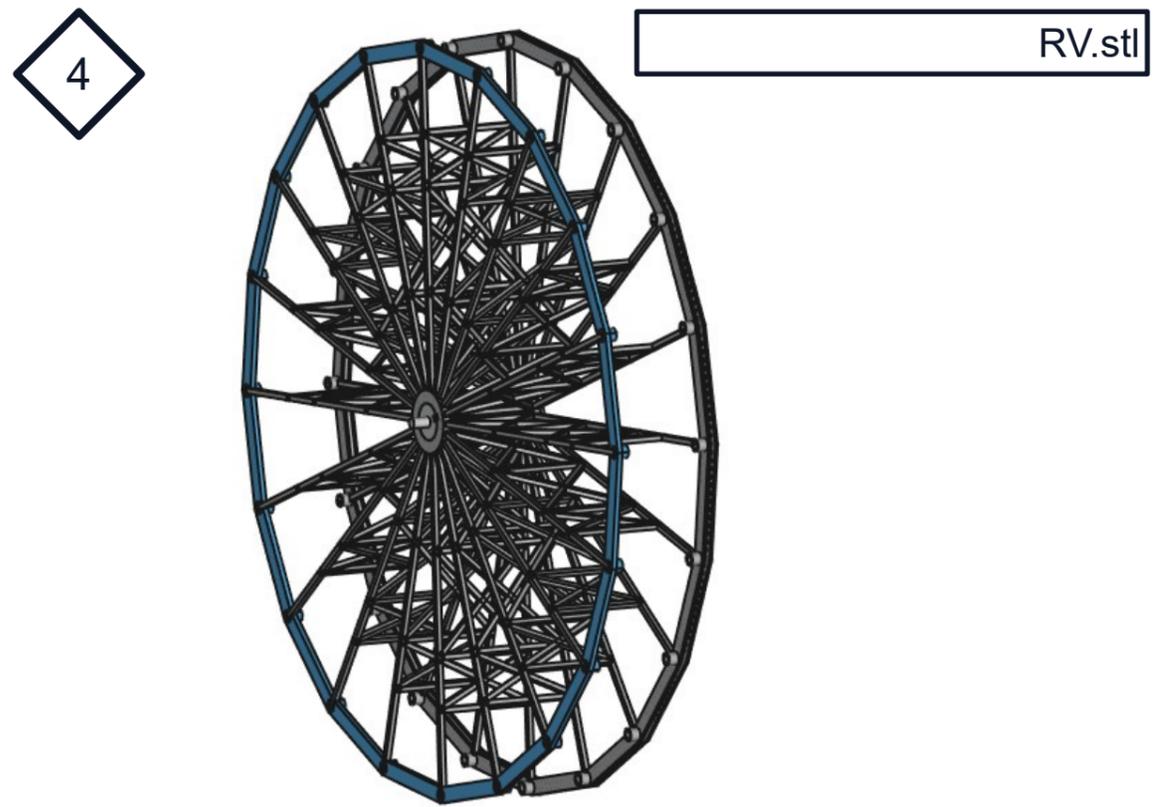
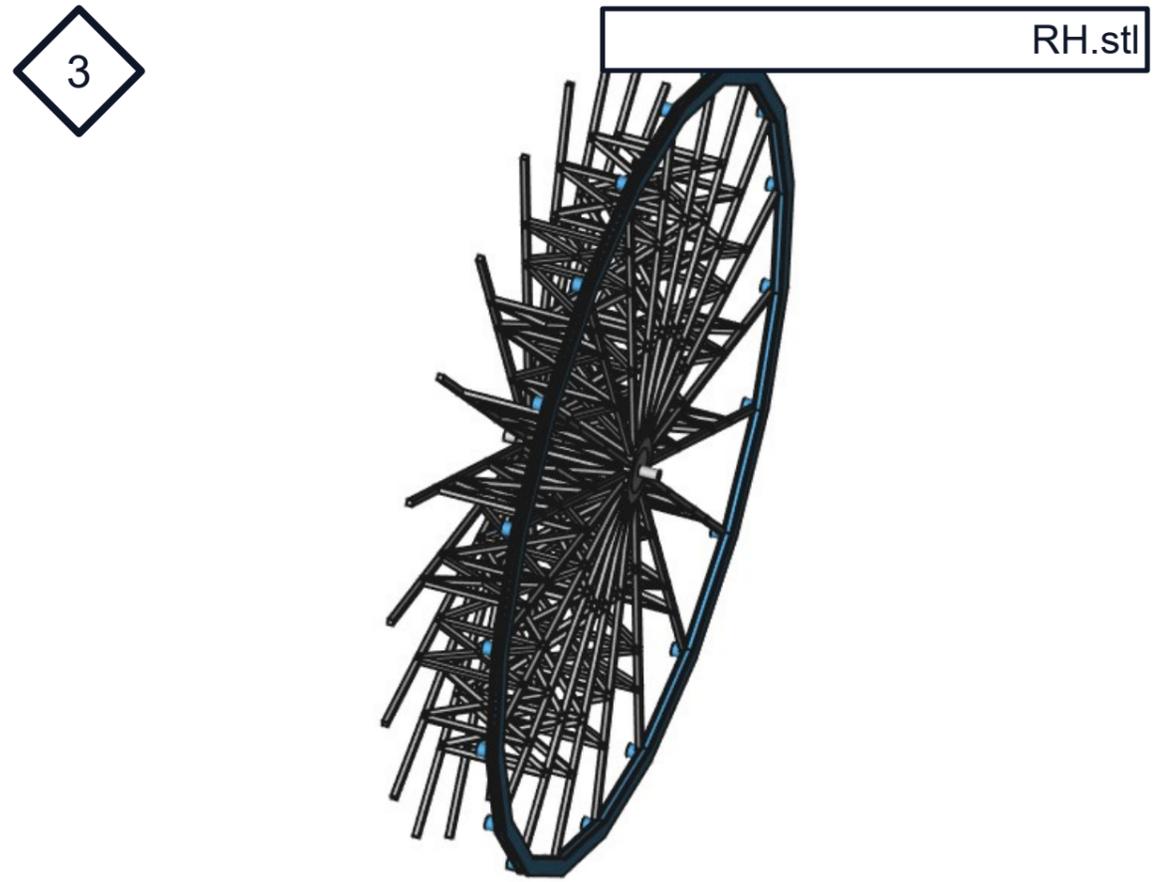
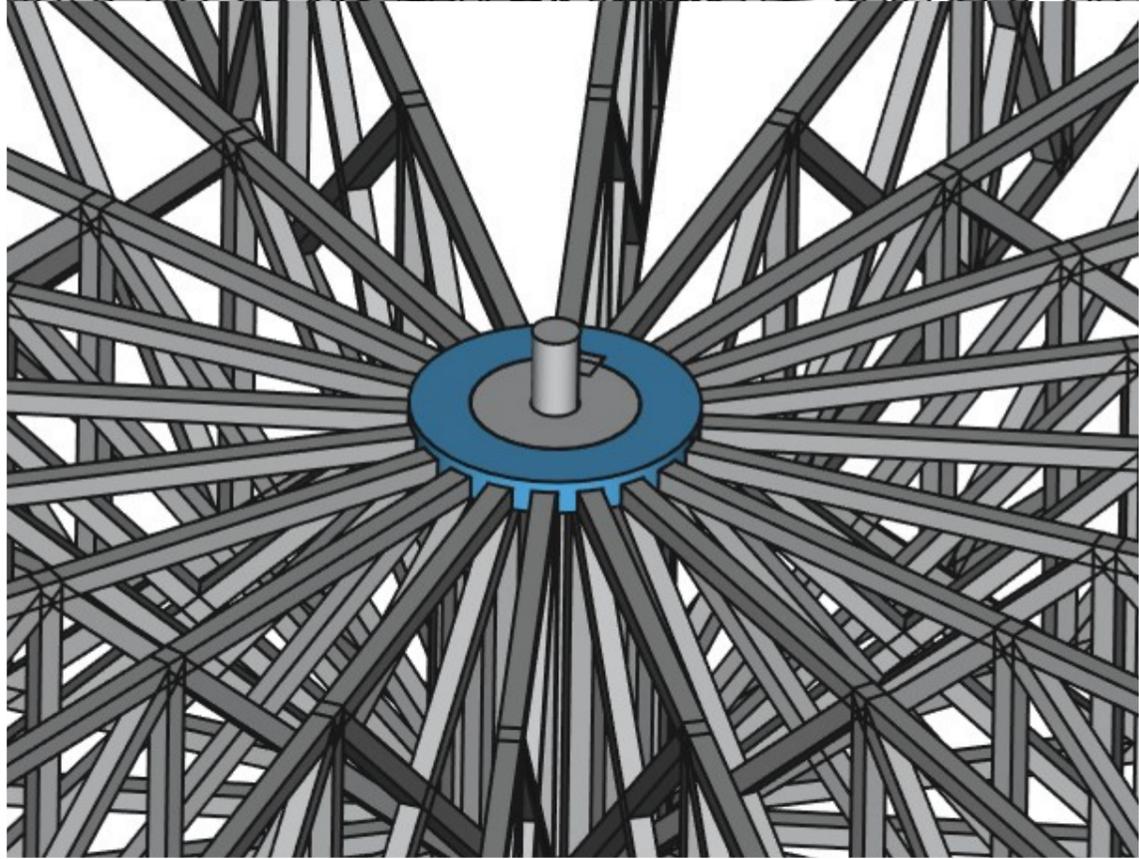
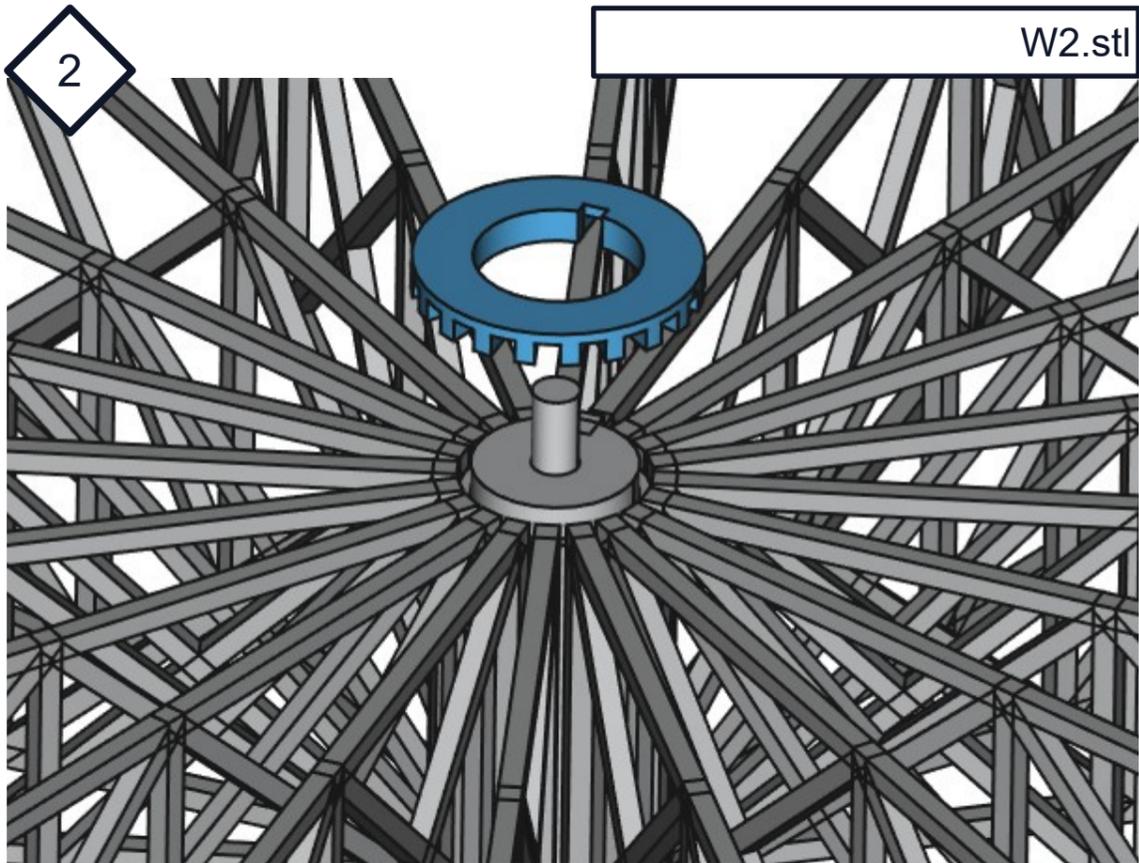
Other parts	Number of parts
DC geared motor N20 30RPM	1

# Assembly

1

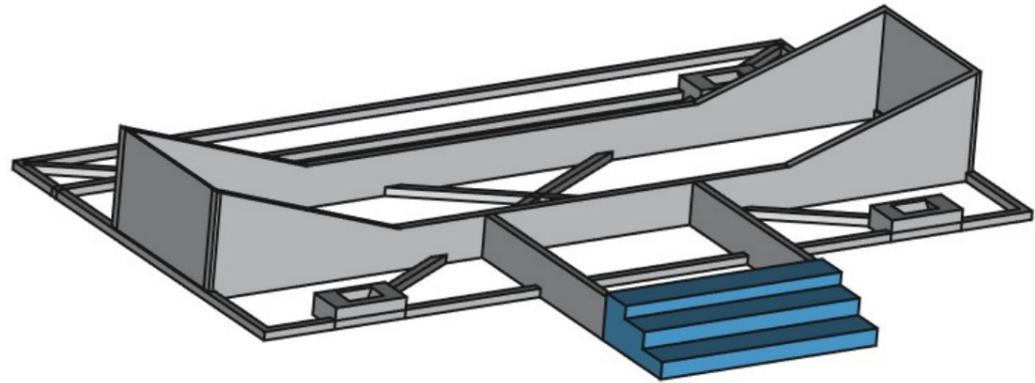
TR.stl  
W1.stl





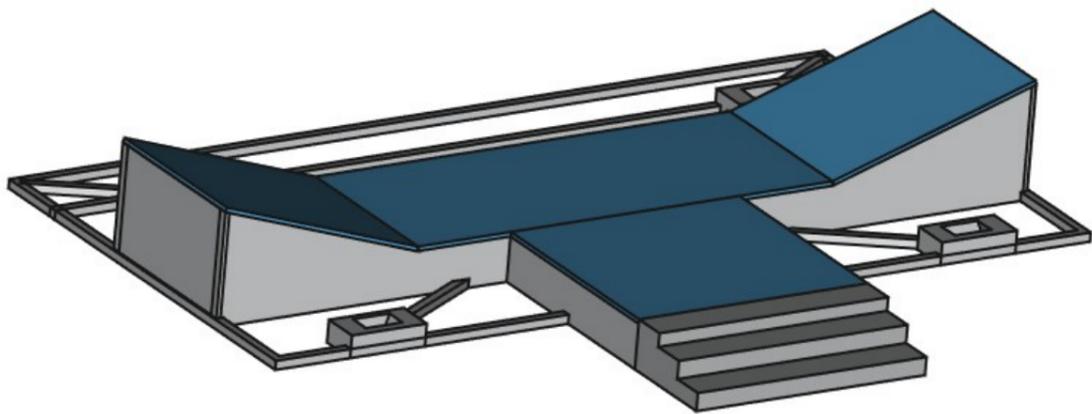
5

UK.stl  
T.stl



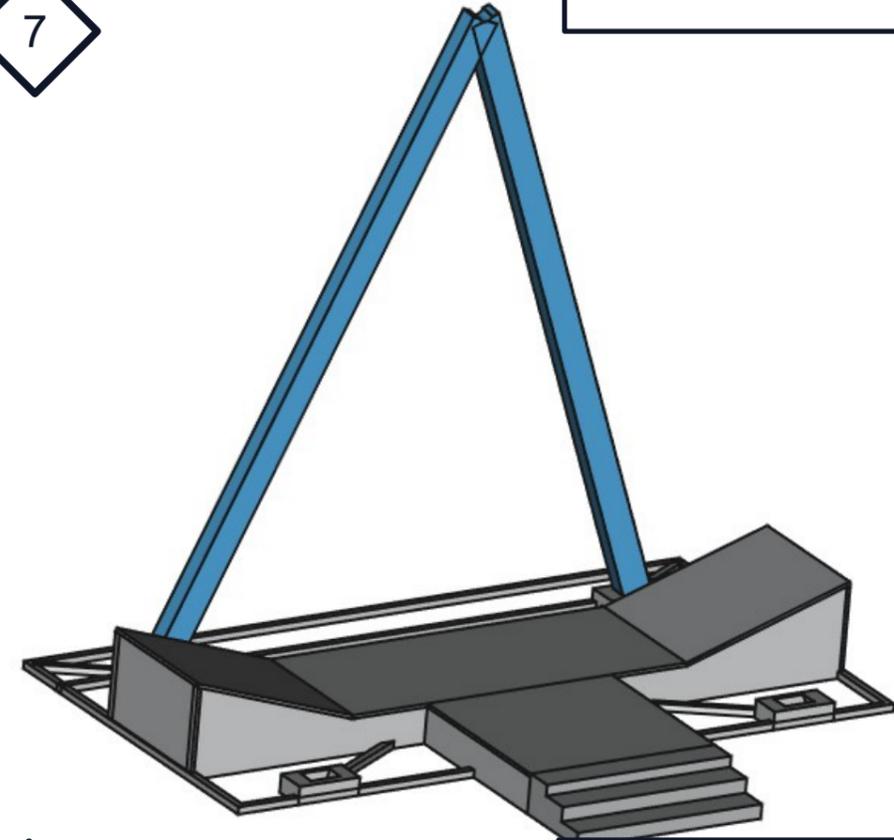
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P.stl



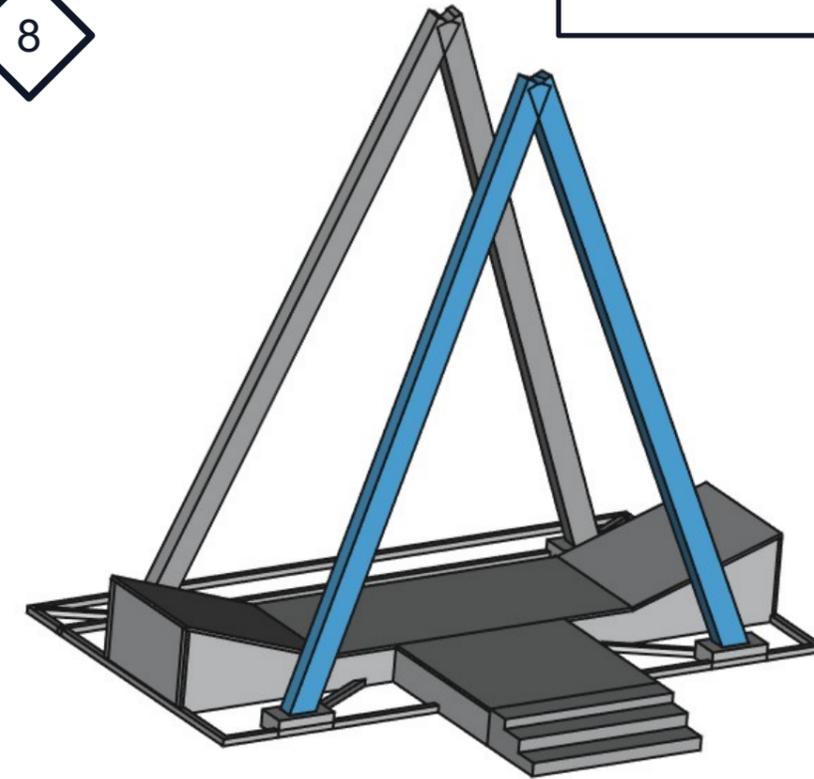
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BH.stl

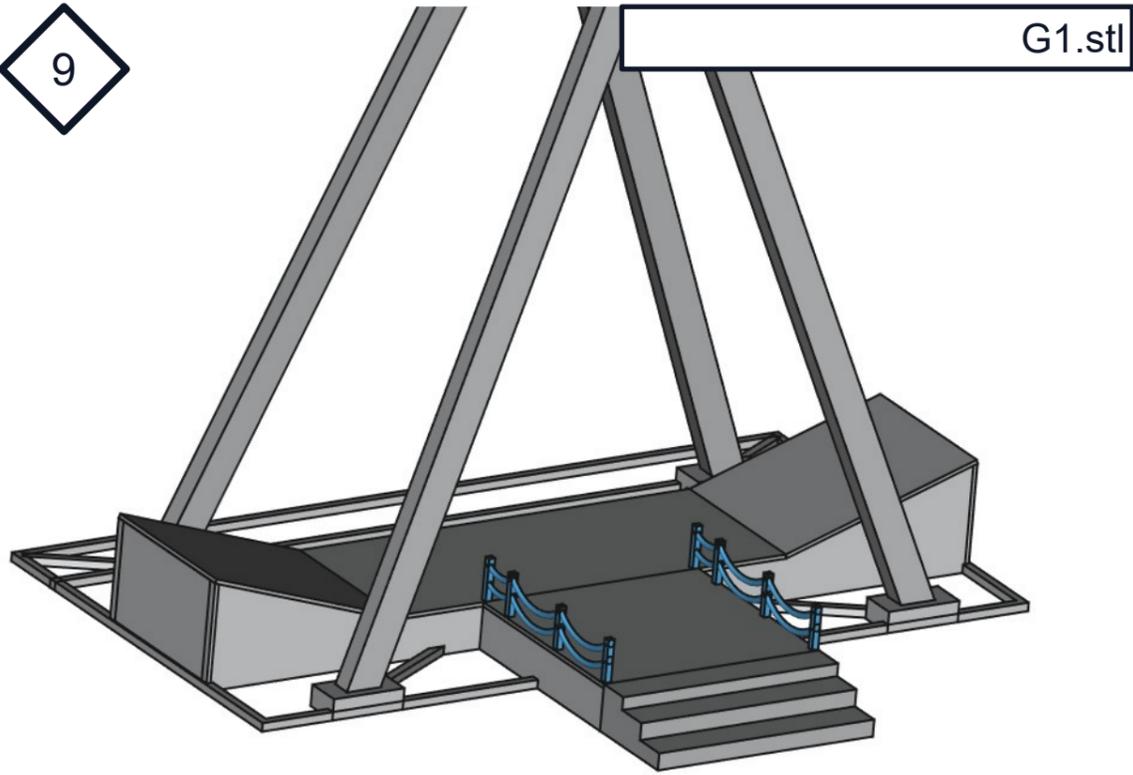


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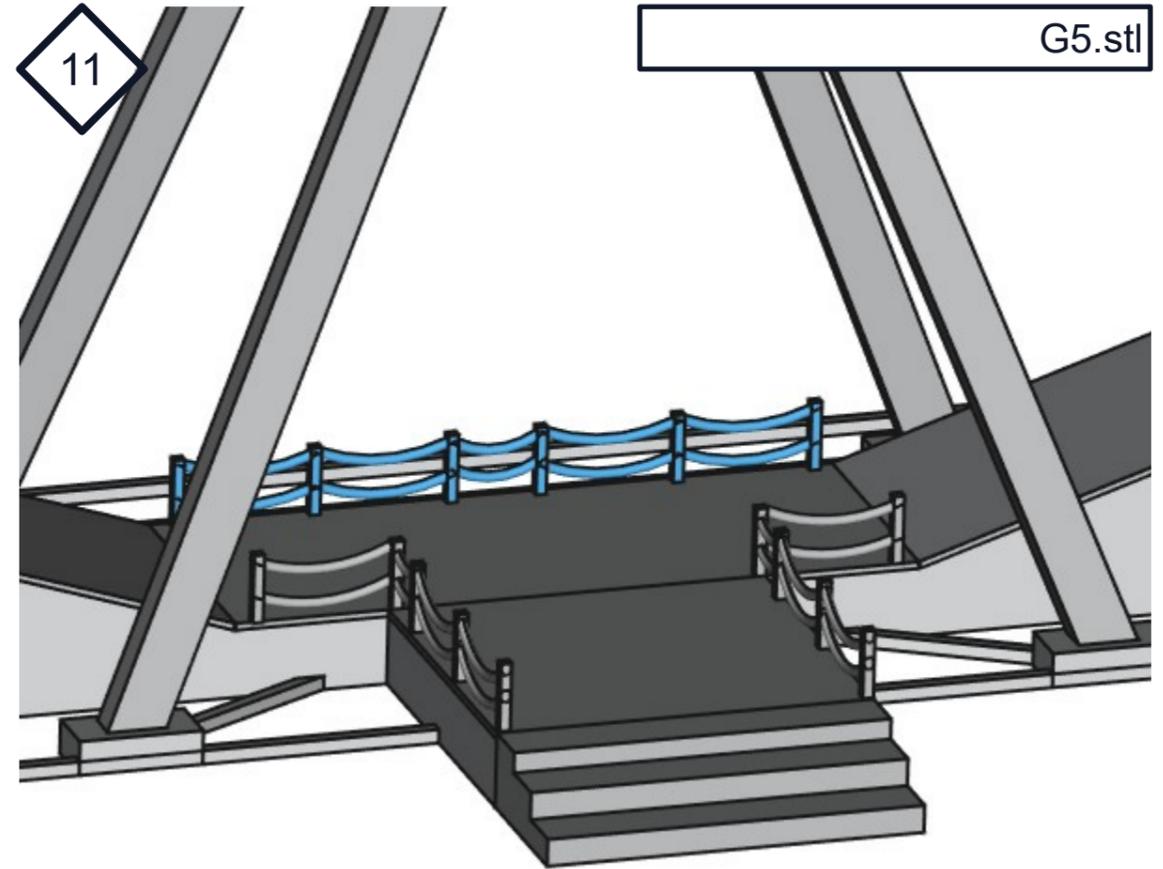
BV.stl



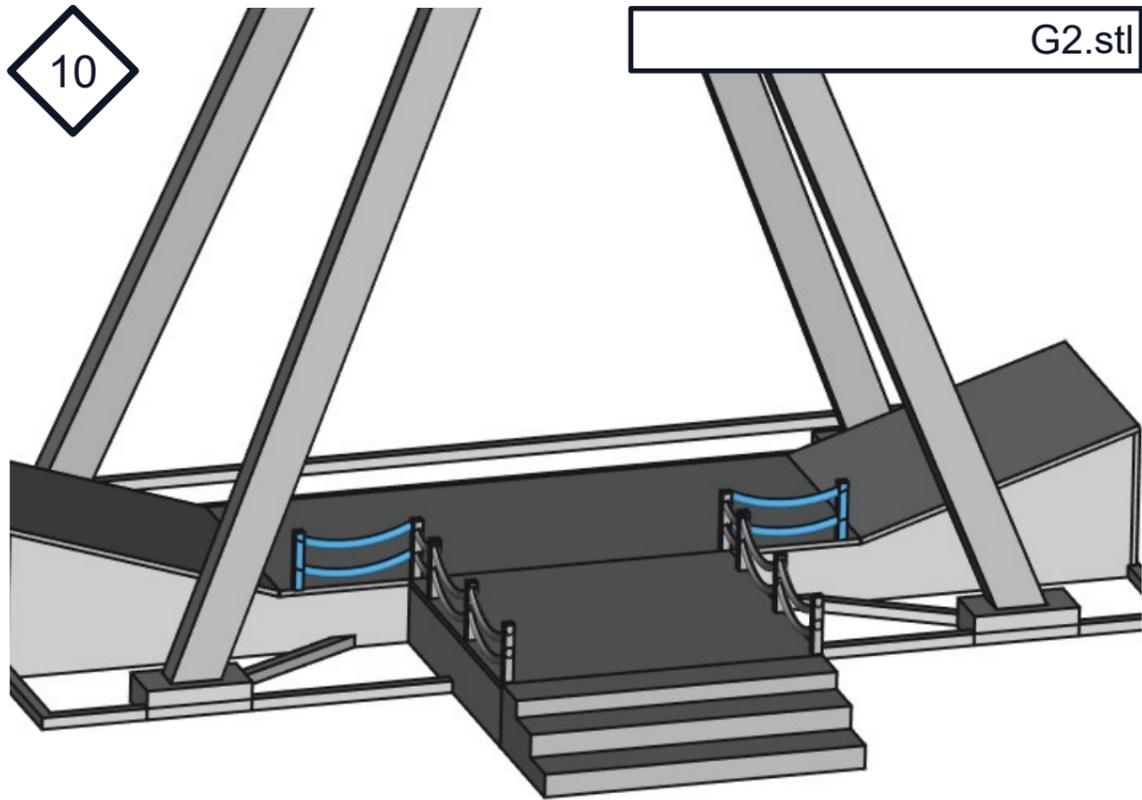
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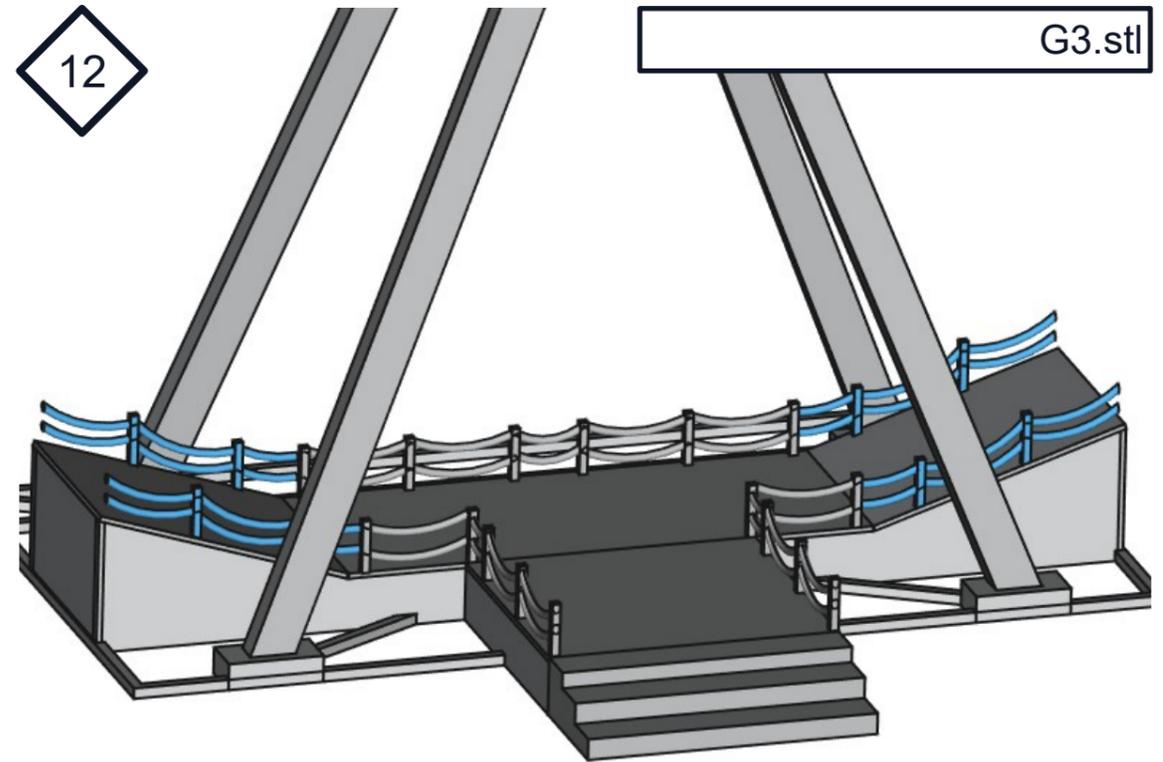
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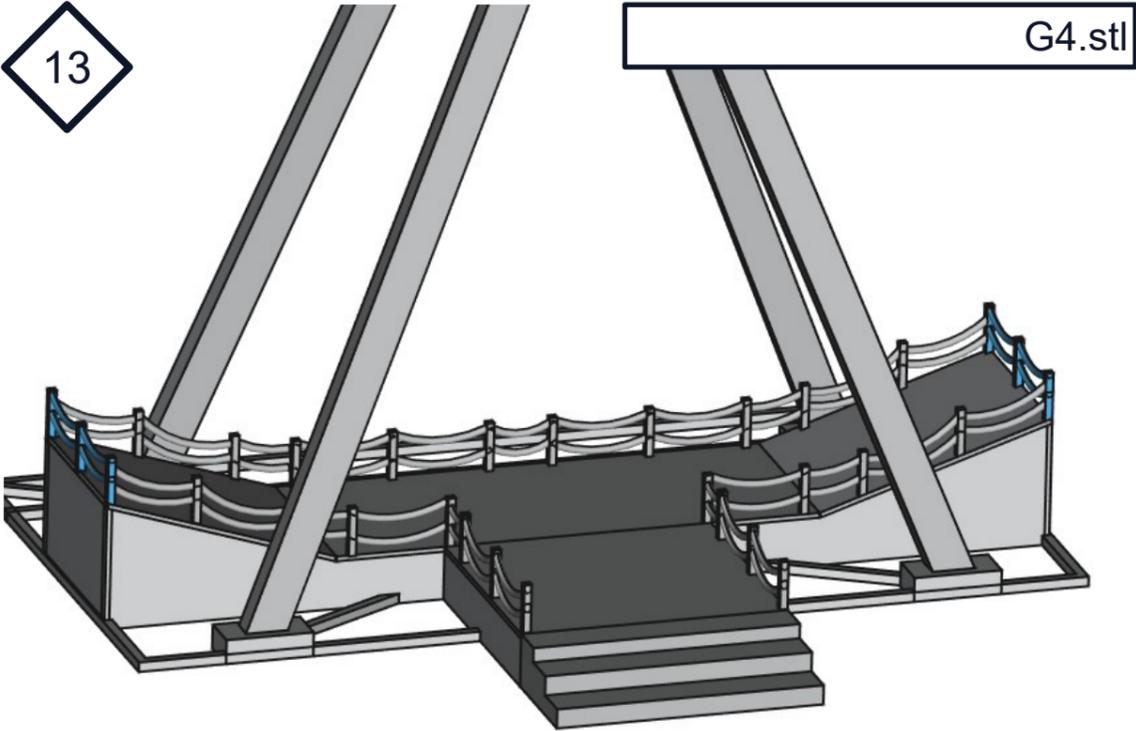
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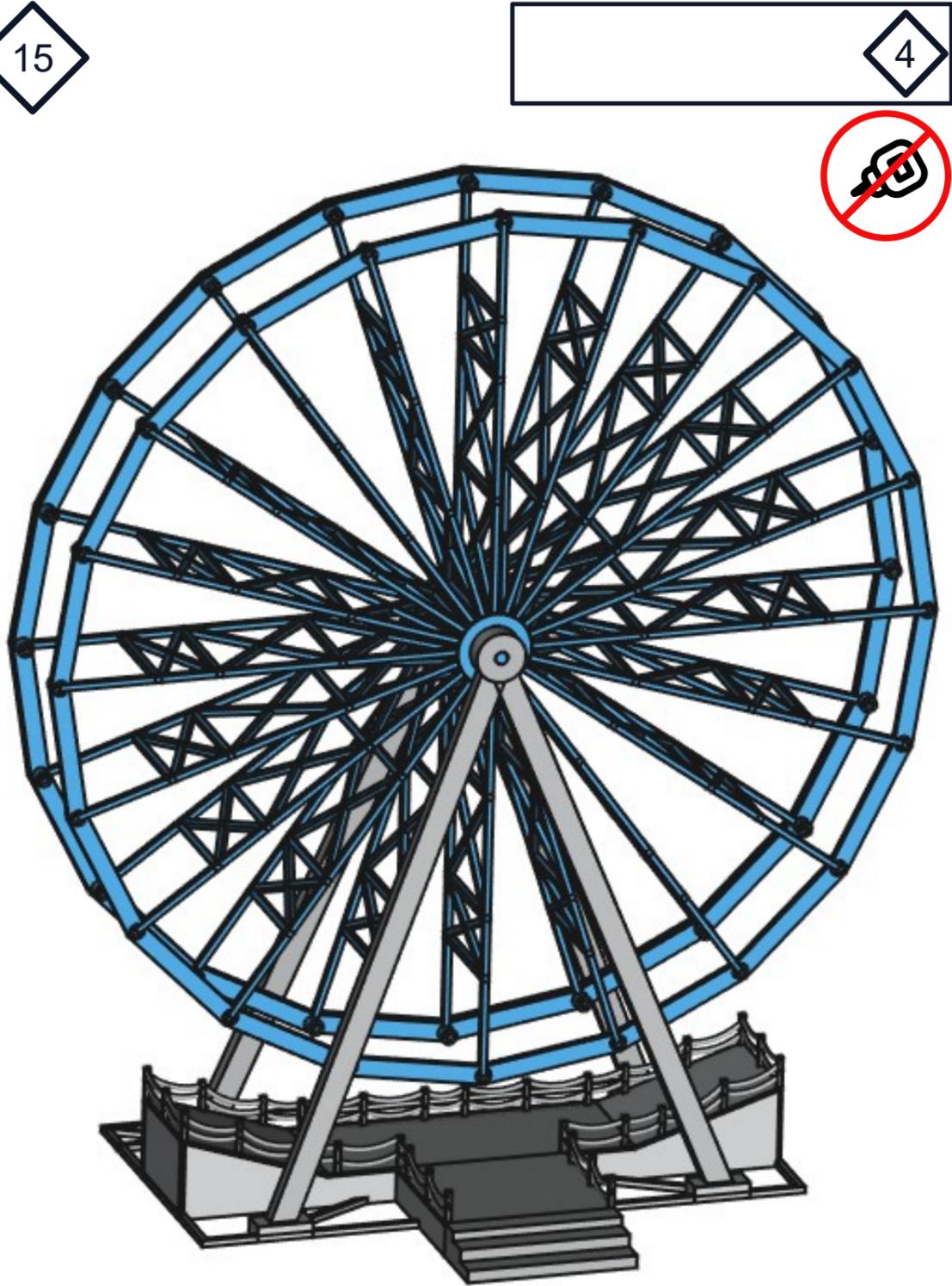
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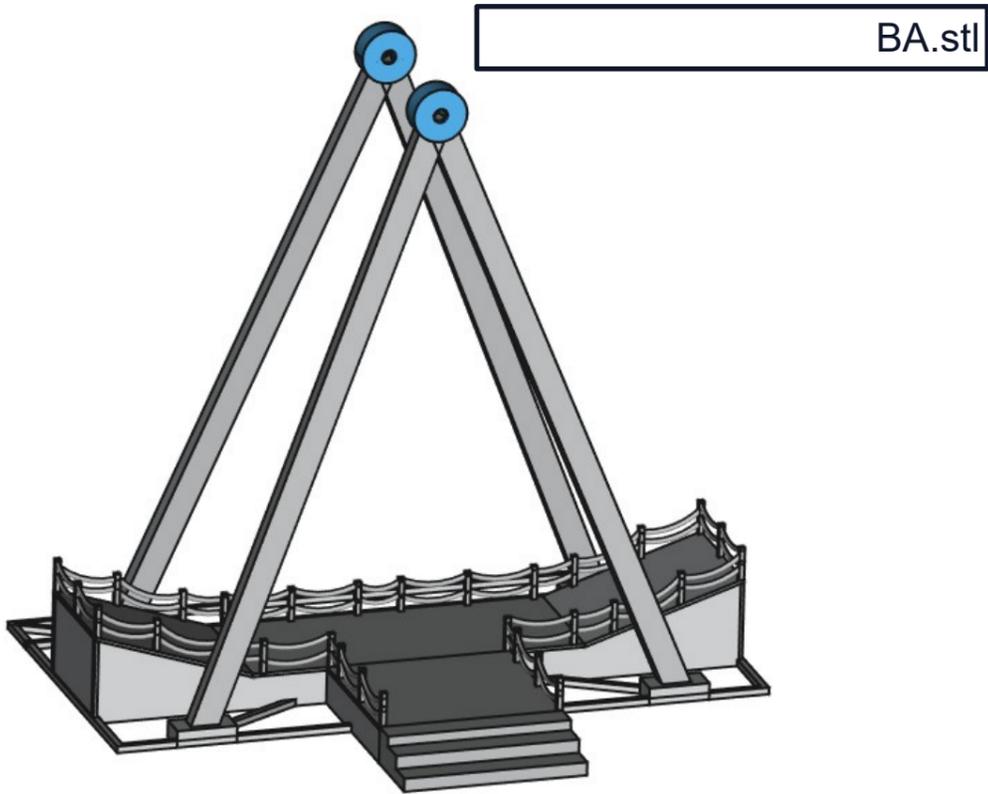
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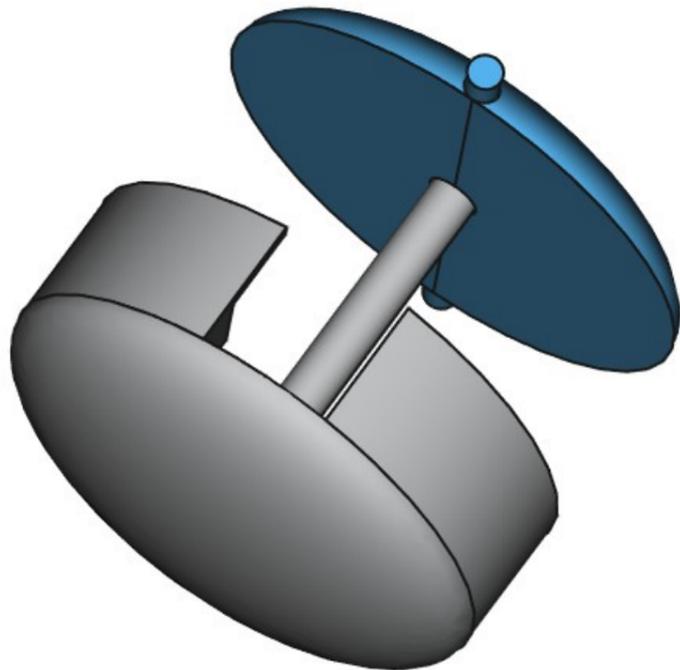
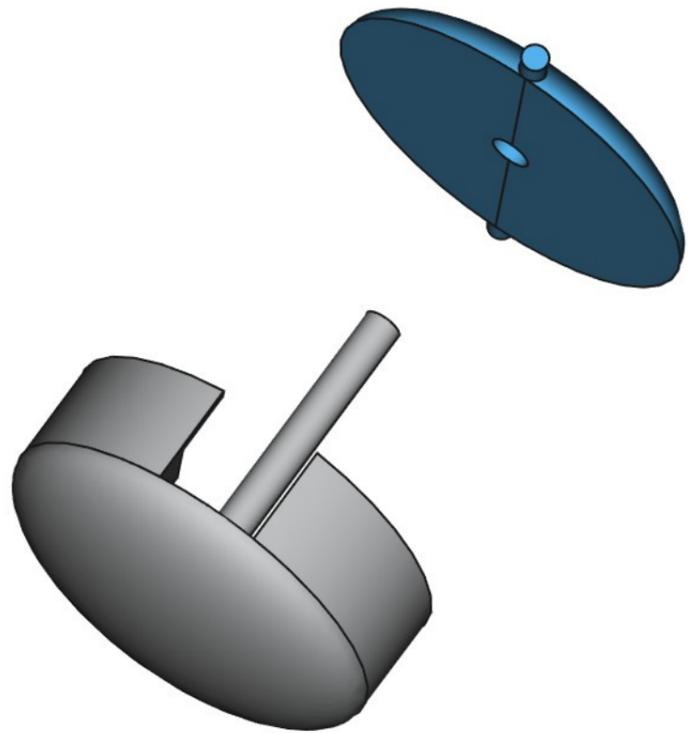


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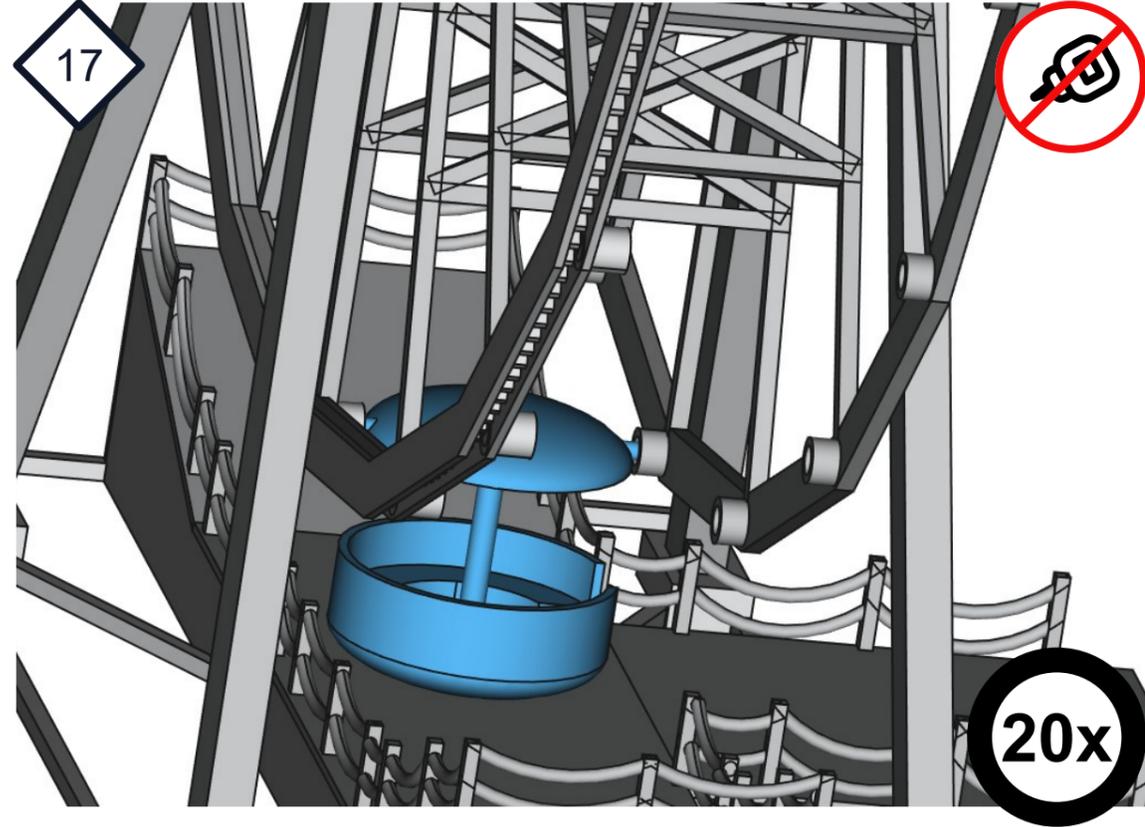
16

GO.stl  
GD.stl

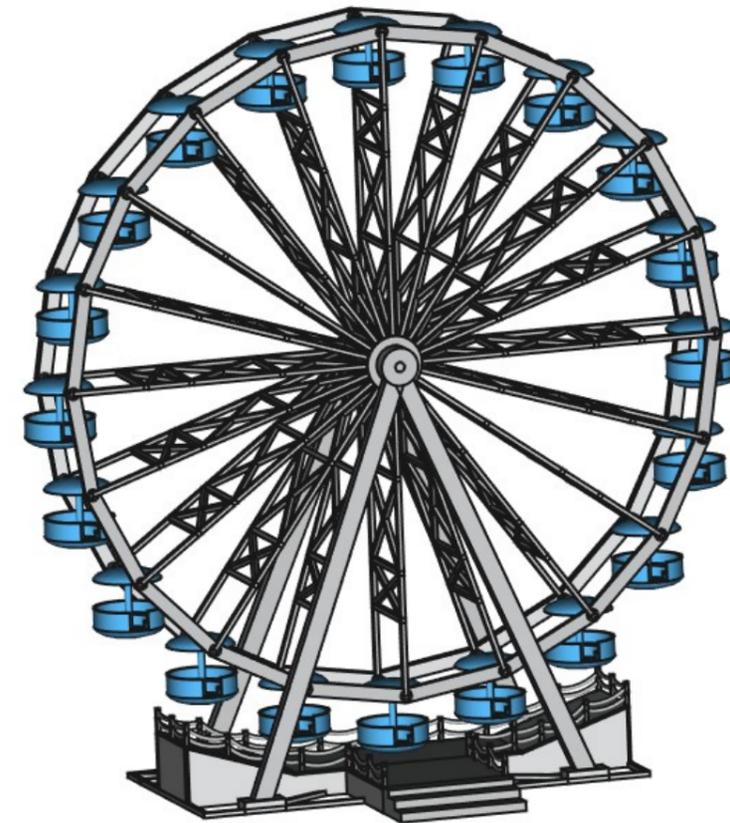


20x

17

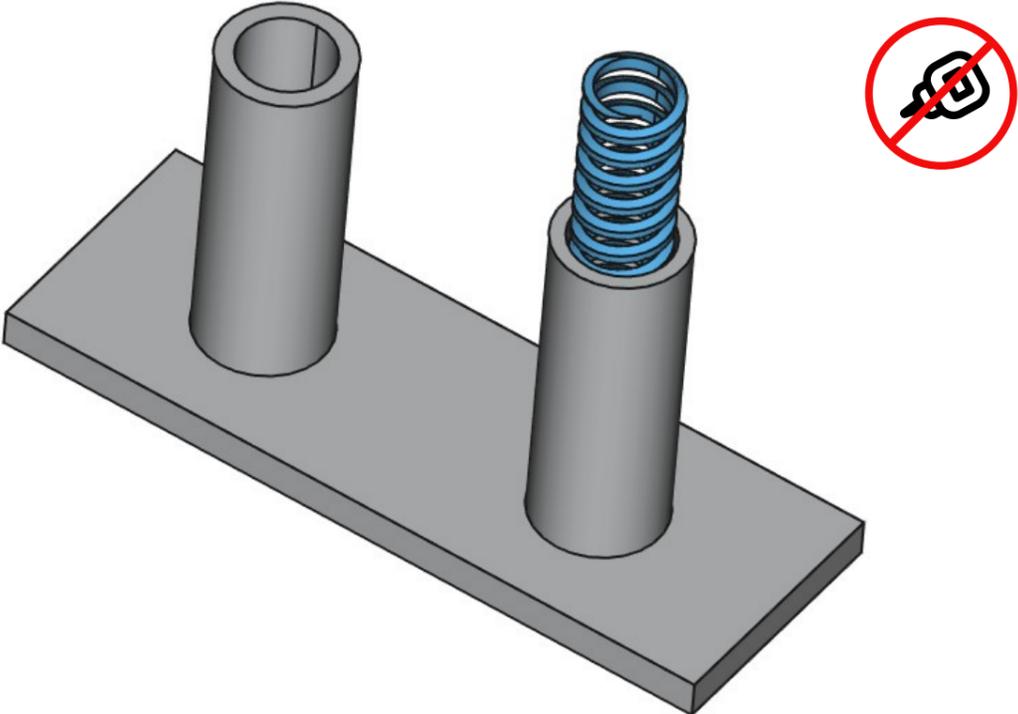


20x



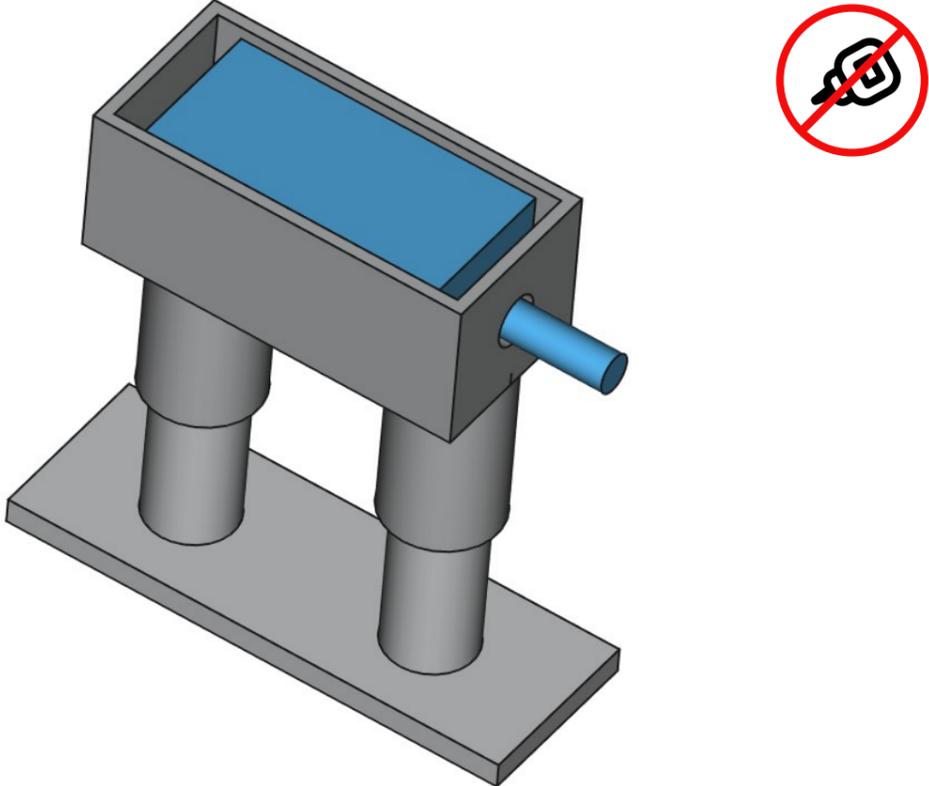
18

MM1.stl  
spring



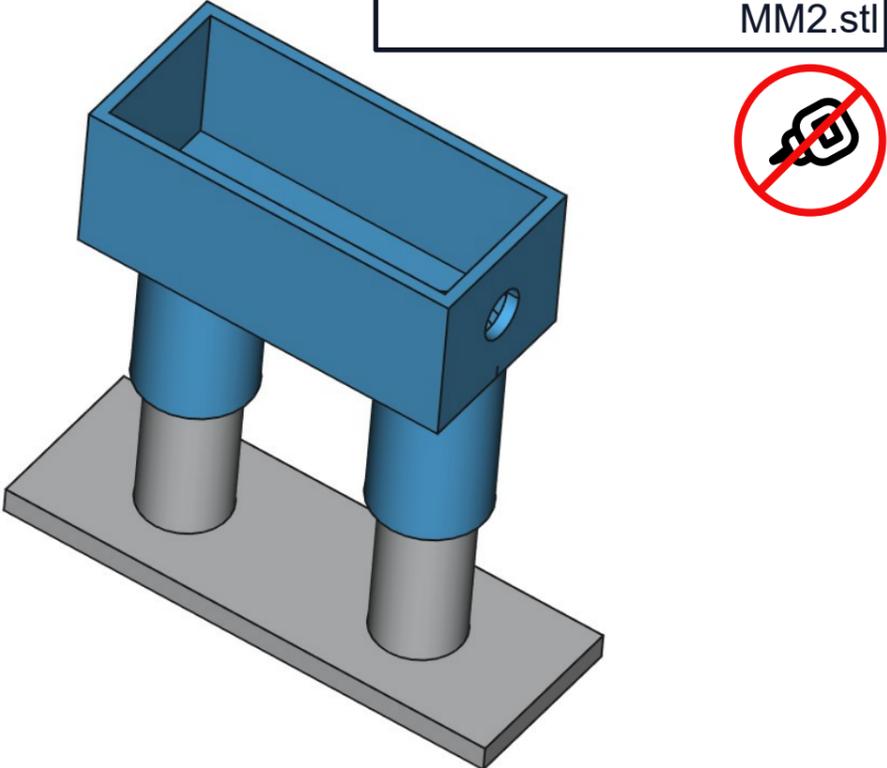
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DC motor



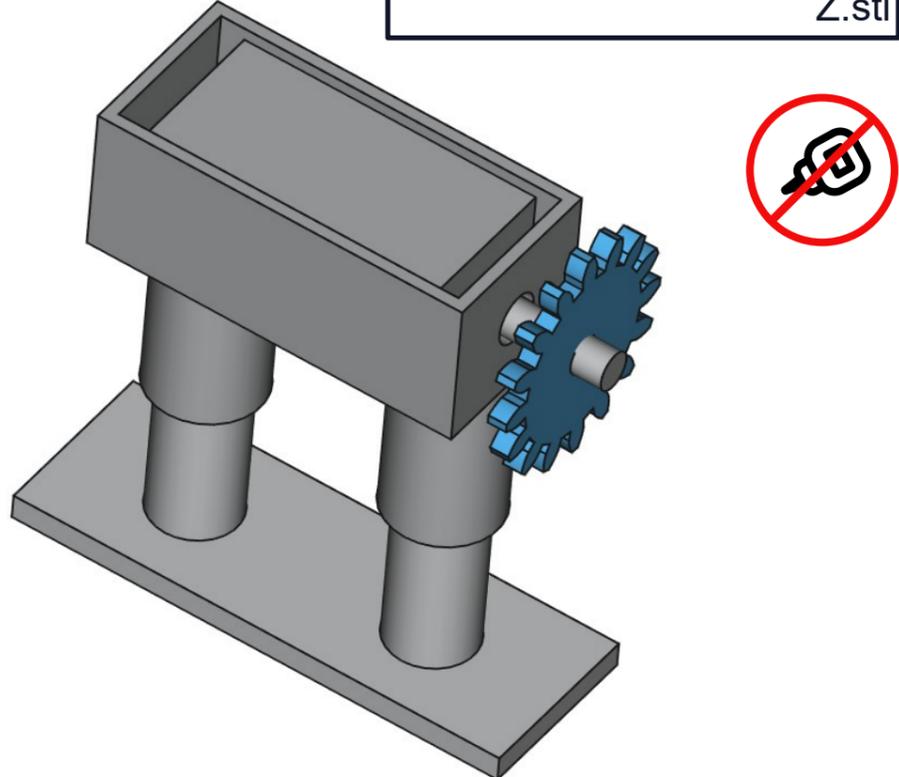
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MM2.stl

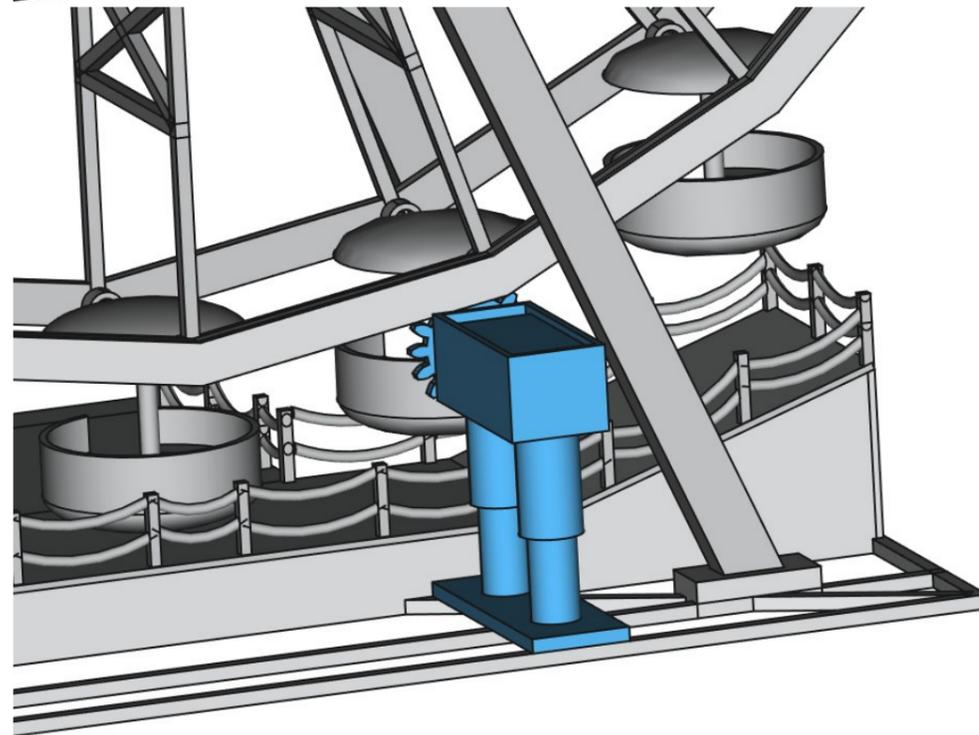
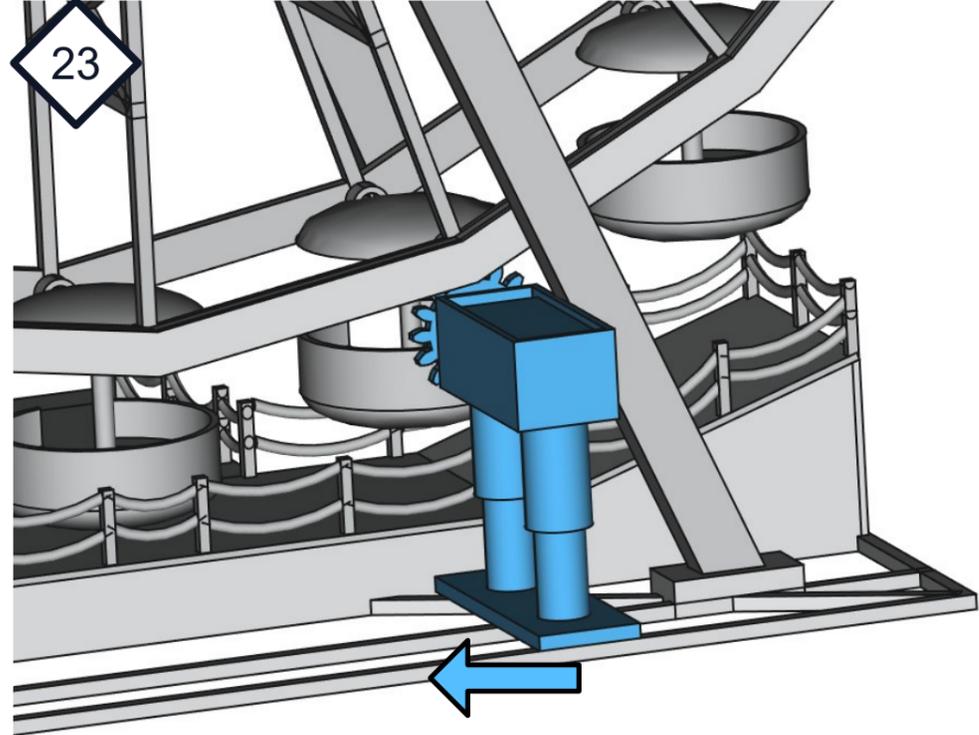
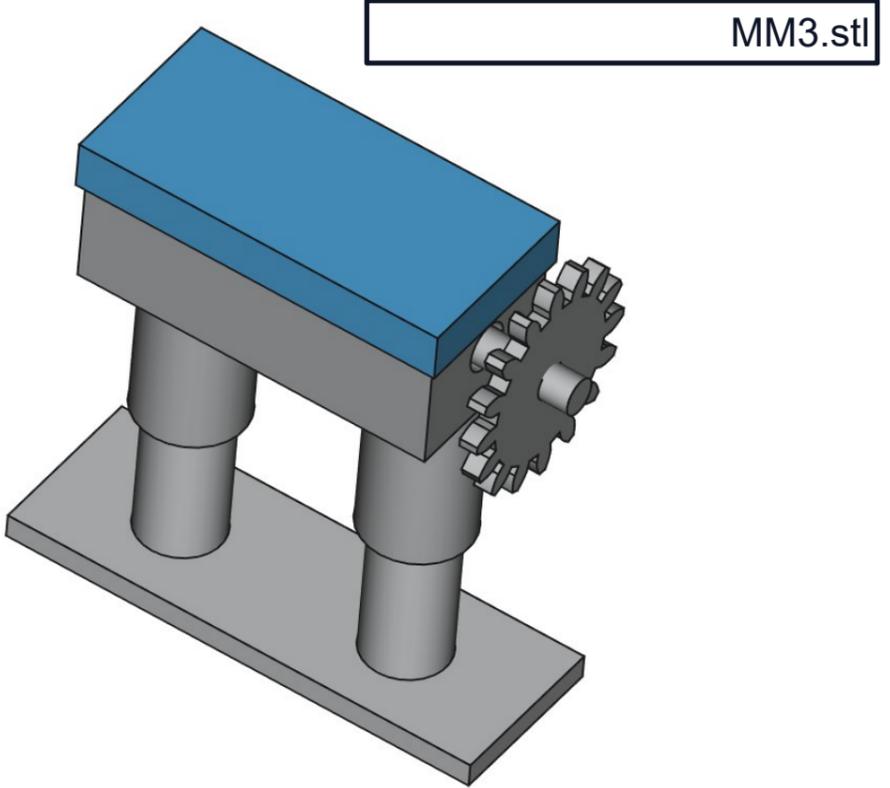


21

Z.stl



22



Hint  
 At the rear of the model, slide the entire assembly from step 22 from right to left underneath the "RH" component. Make sure that the gear "Z" and the teeth of "RH" mesh perfectly. The installed spring should apply slight pressure to the gears. Once everything is correctly positioned, secure it to "UK" with super glue.

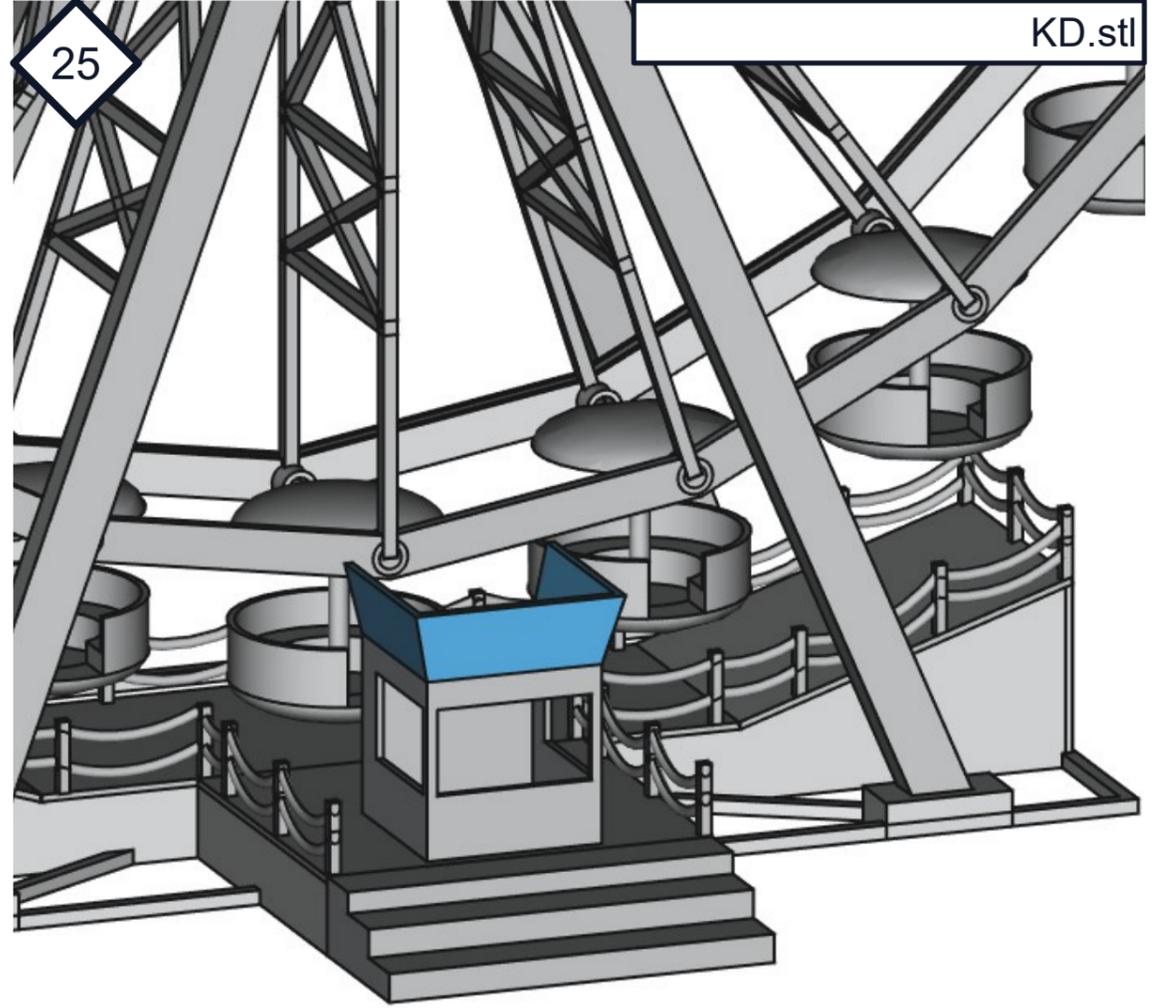
24

K.stl



25

KD.stl



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