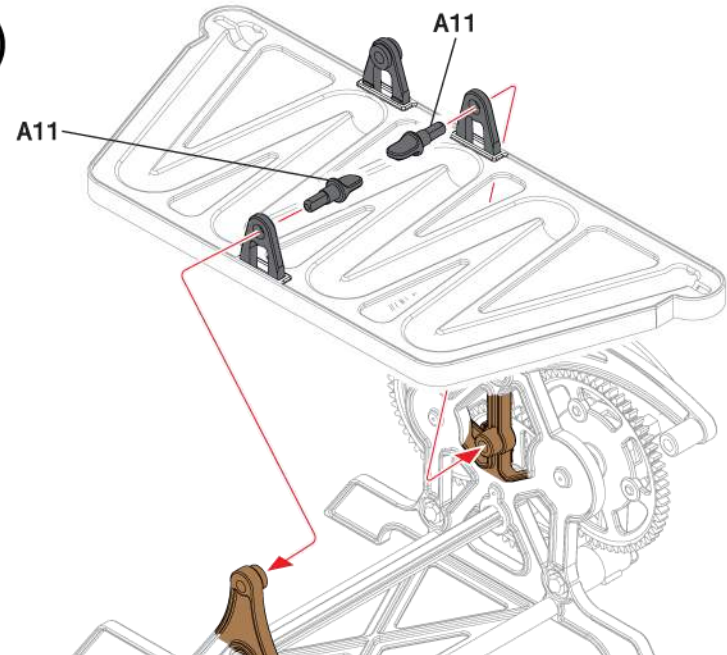
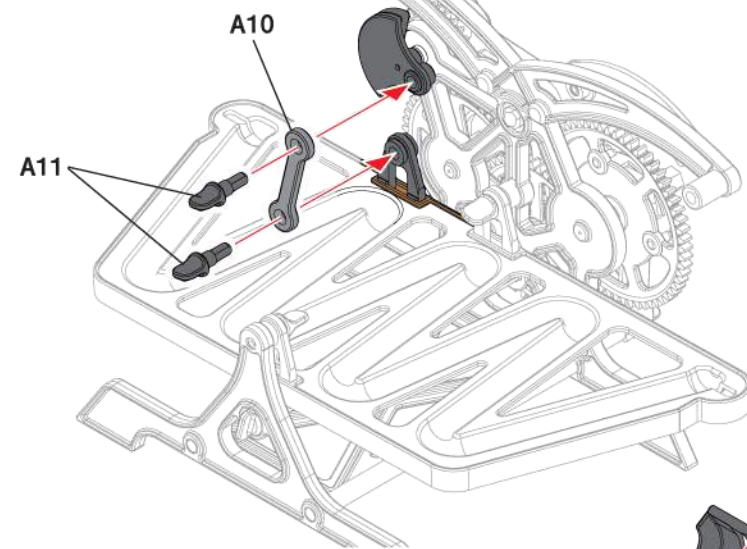


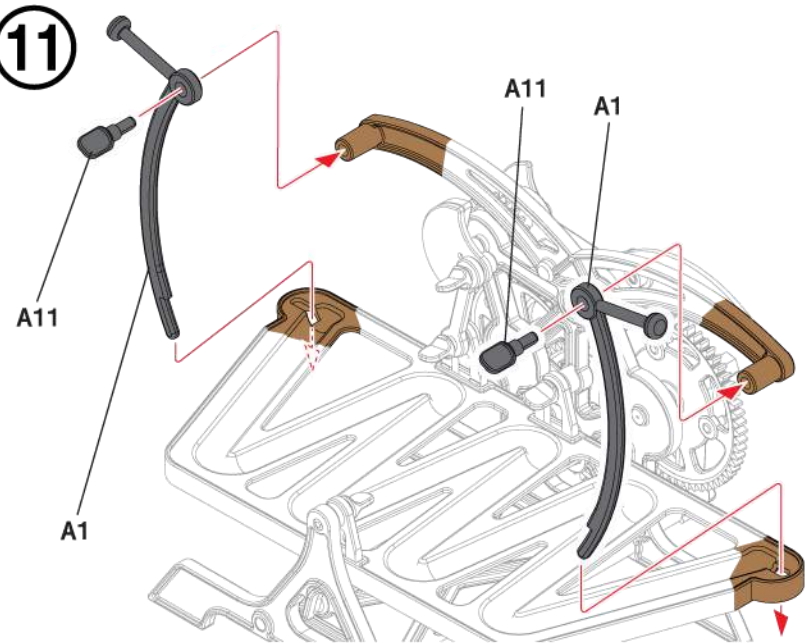
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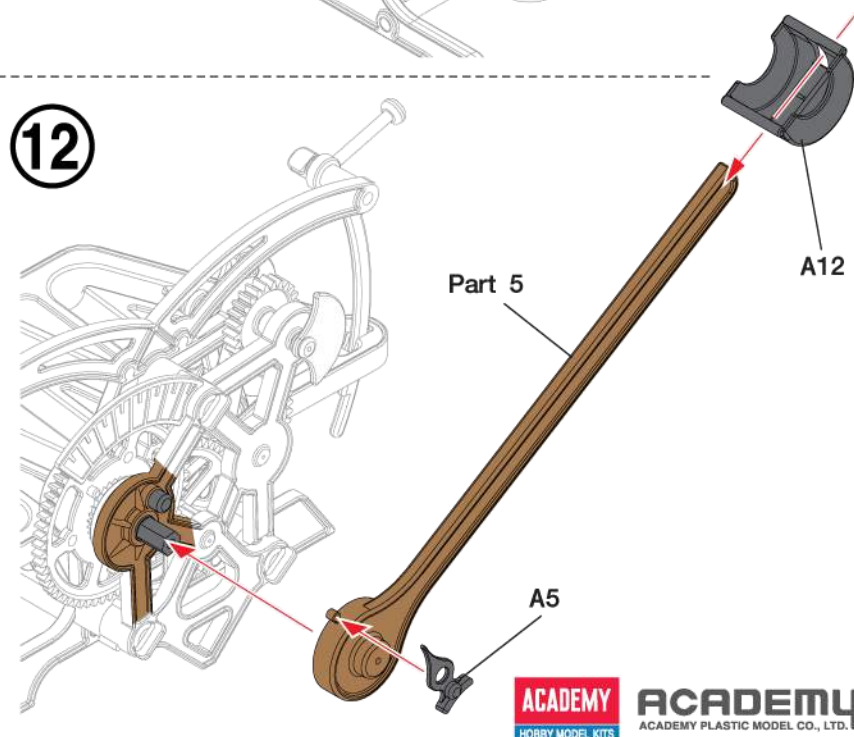
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11



12



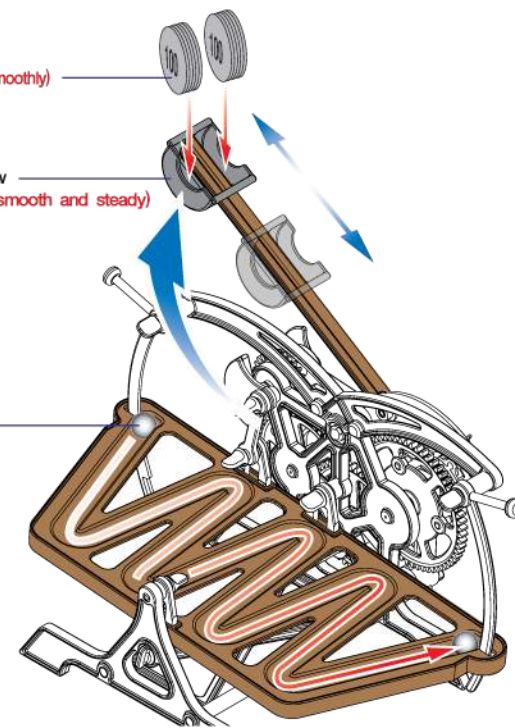
Method of operation

*Start operation with number 1

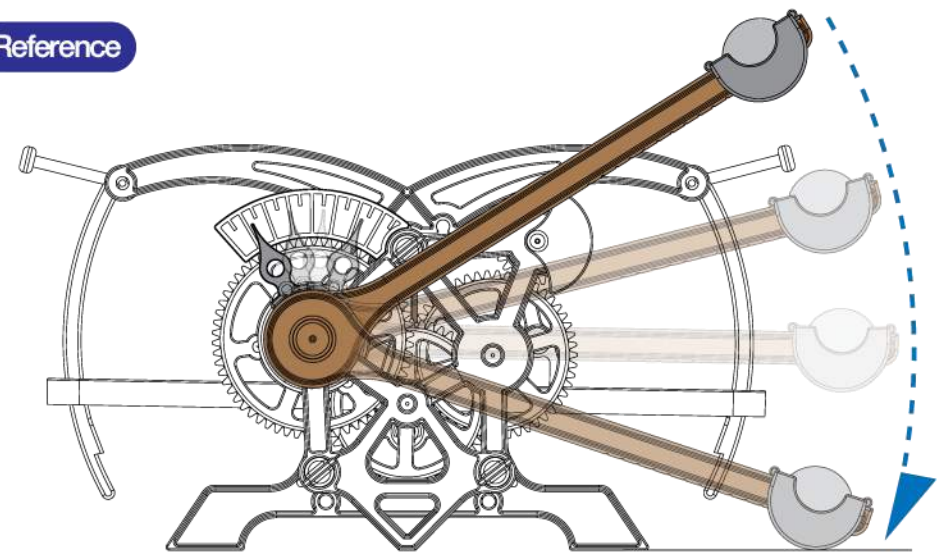
Coin (Adjust the number of coins till armature moves smoothly)

- 1 Life the lever (coin basket) in the direction of the arrow
(Adjust the height of the coin basket till movement is smooth and steady)

- 2 Position the rolling ball as shown in illustration.
It will then be propelled by reciprocating motion.

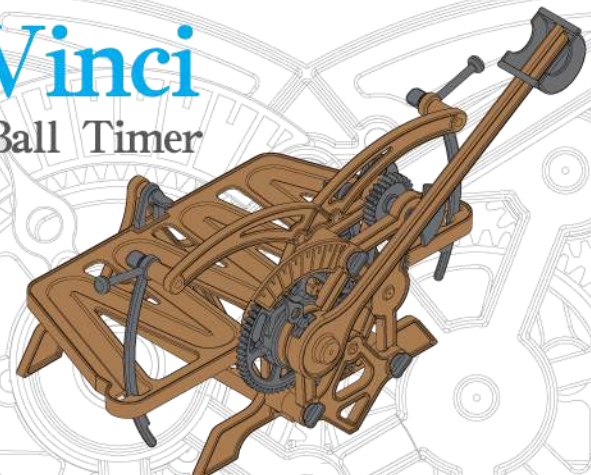


Reference



da Vinci Rolling Ball Timer

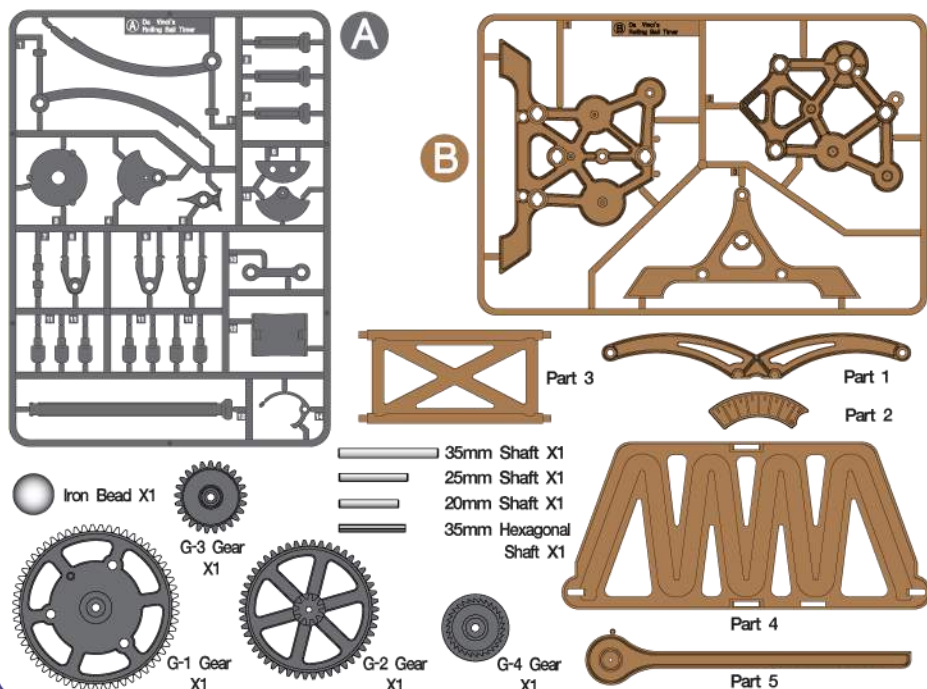
18174



ACADEMY
HOBBY MODEL KITS

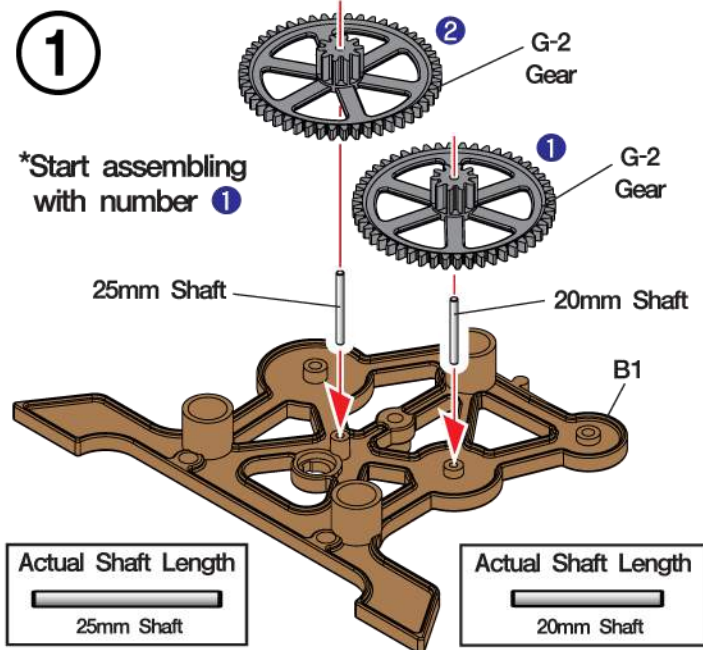
The da Vinci Rolling Ball Timer is based on a sketch of an escapement mechanism drawn by Leonardo da Vinci. The kit uses the principles of gravity and kinetics to measure the passage of time. It employs precision gears to power a platform in a "see-saw" pattern that propels a rolling ball. When complete, it exhibits concepts relating to the laws of motion and delivers hours of entertainment.

parts location diagram

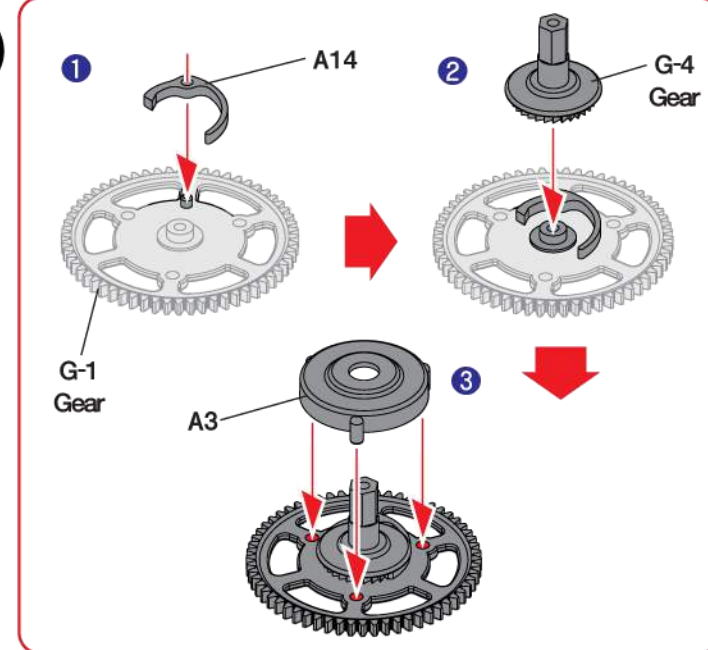


1

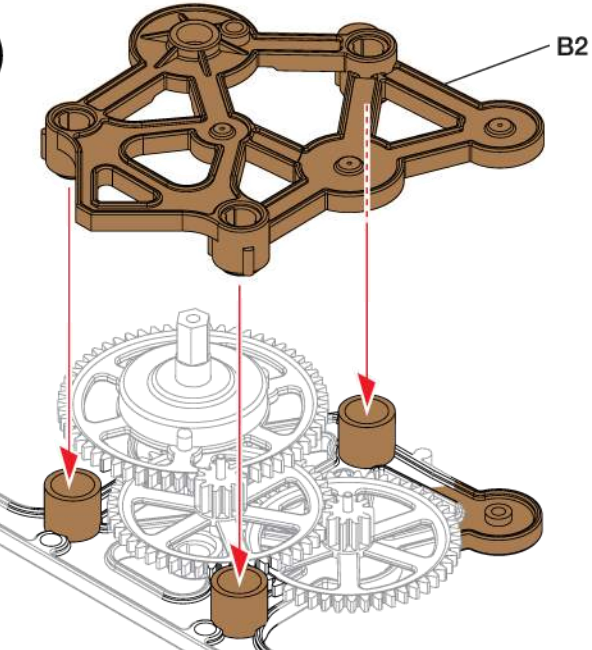
*Start assembling with number 1



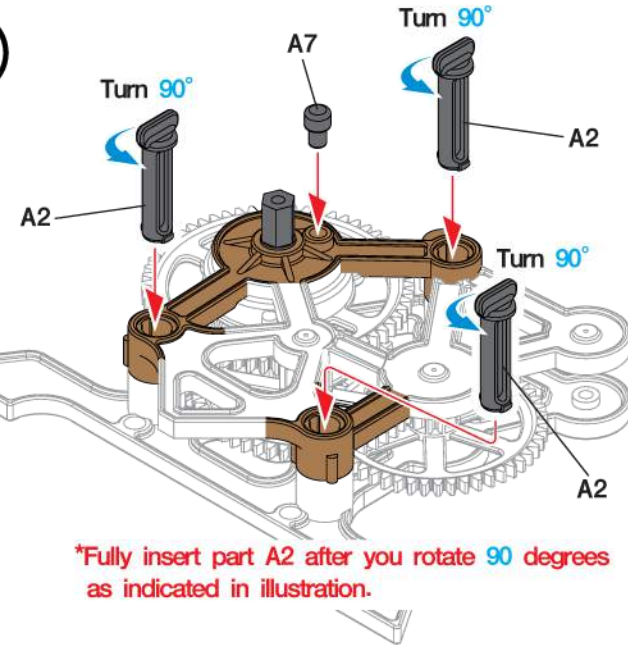
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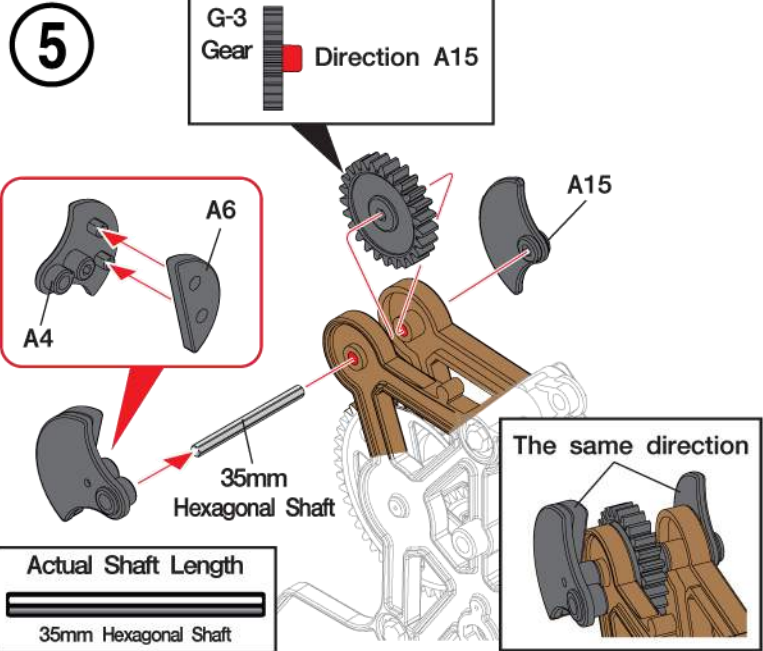
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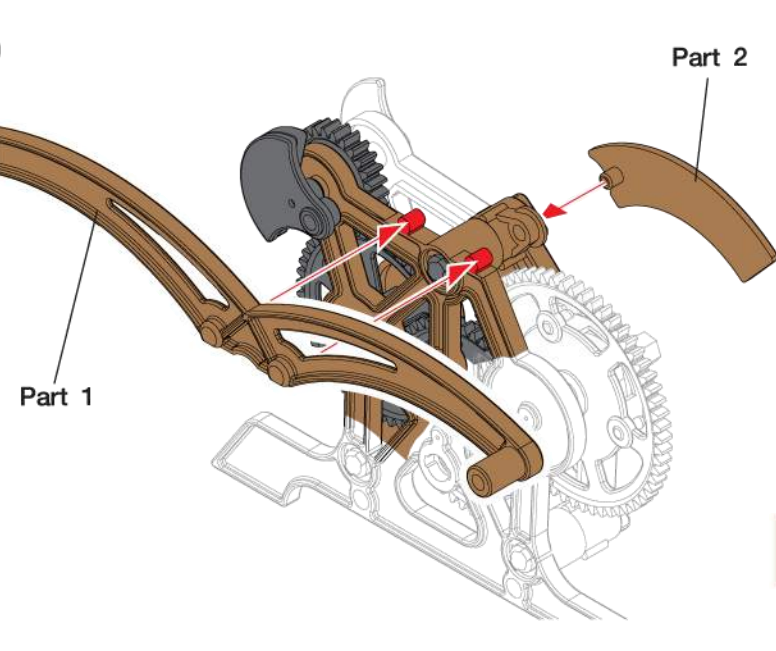
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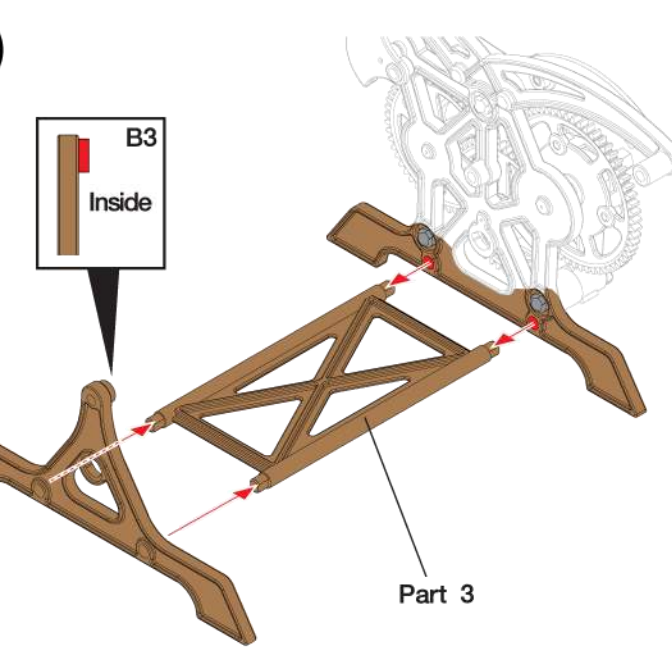
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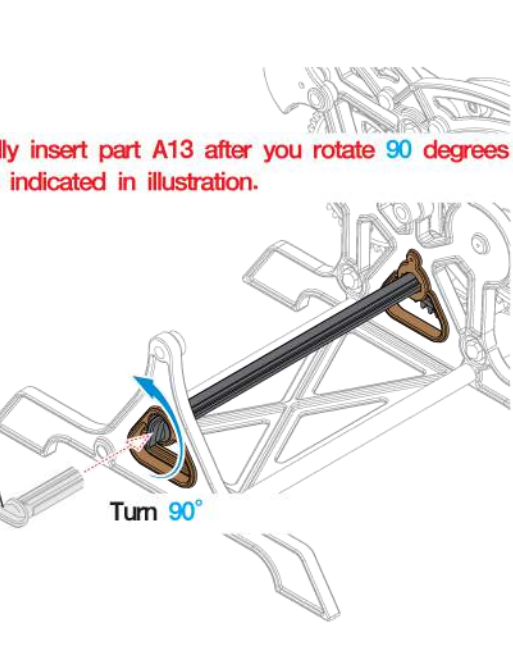
6



7



8



9

