

# Instruction Manual

## Lockbox #1 – Single Mechanisms

The file „ Lockbox#1\_single\_mechanism\_drawer“ contains the following STL files, which are required for the Single Mechanism Lockbox „Drawer/Stick“:

- LB#1\_single\_base.stl
- LB#1\_single\_drawer.stl

The file „ Lockbox#1\_single\_mechanism\_lever“ contains the following STL files, which are required for the Single Mechanism Lockbox „Lever“:

- LB#1\_single\_base.stl
- LB#1\_single\_lever.stl
- LB#1\_single\_seal1.stl

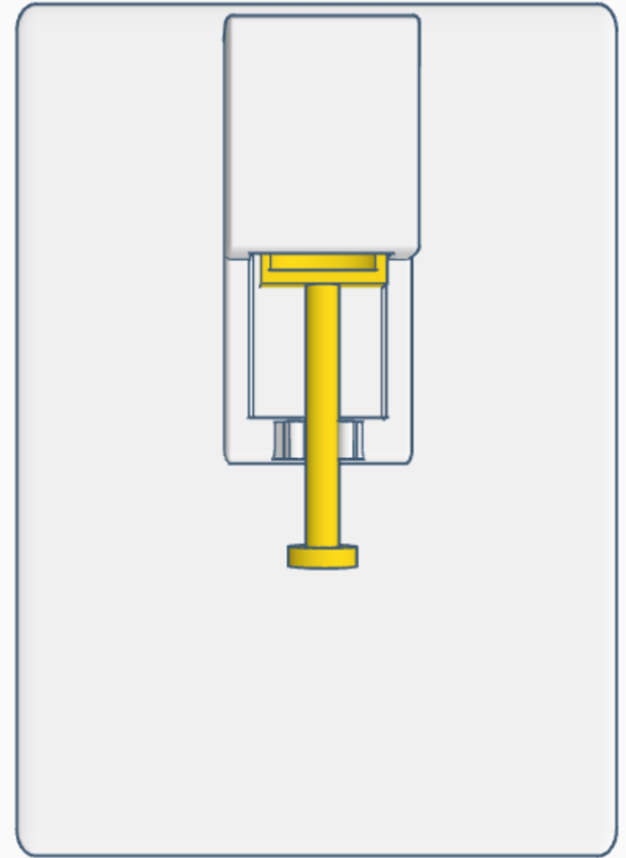
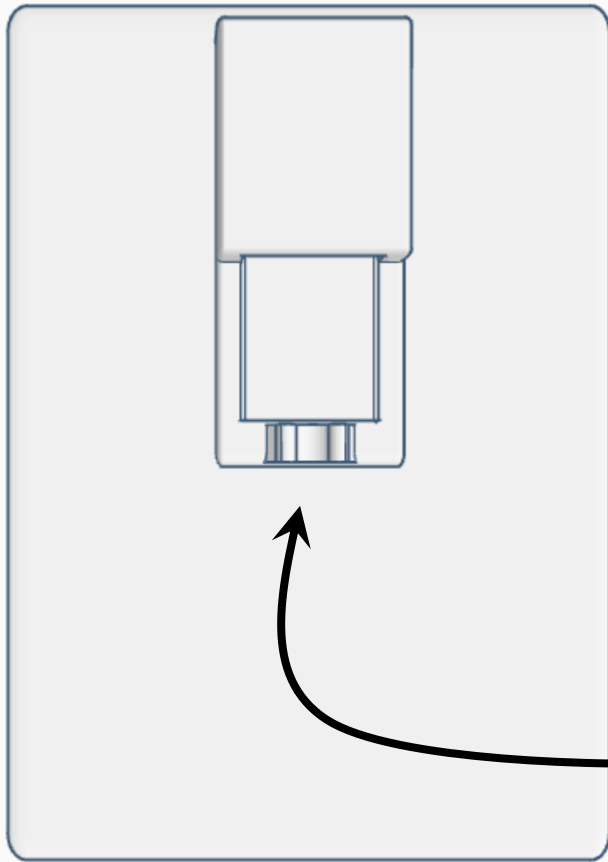
The file „ Lockbox#1\_single\_mechanism\_cube“ contains the following STL files, which are required for the Single Mechanism Lockbox „Cube“:

- LB#1\_single\_base.stl
- LB#1\_single\_cube.stl

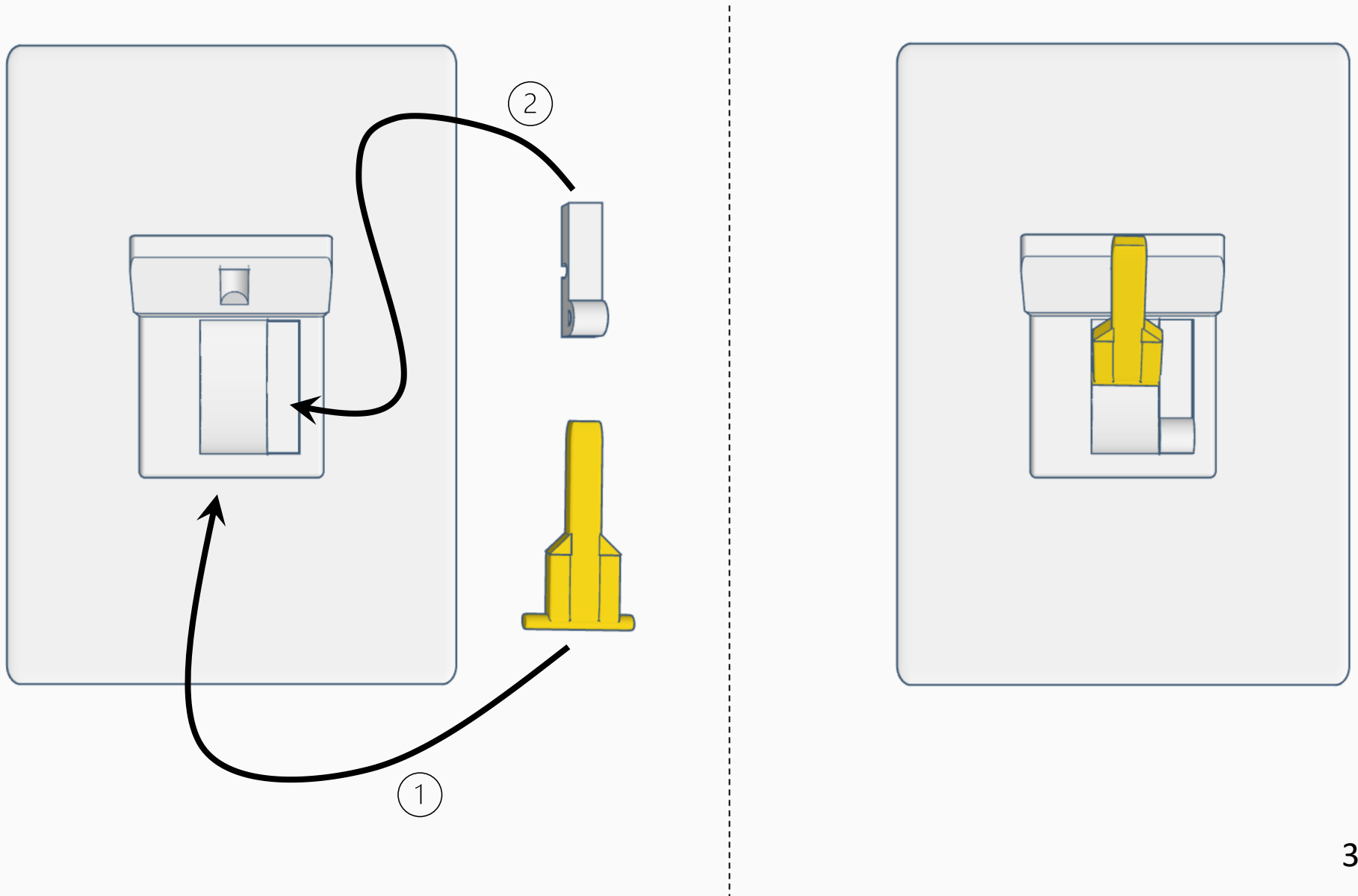
The file „ Lockbox#1\_single\_mechanism\_disc“ contains the following STL files, which are required for the Single Mechanism Lockbox „Disc“:

- LB#1\_single\_base.stl
- LB#1\_single\_disc.stl
- LB#1\_single\_seal2.stl

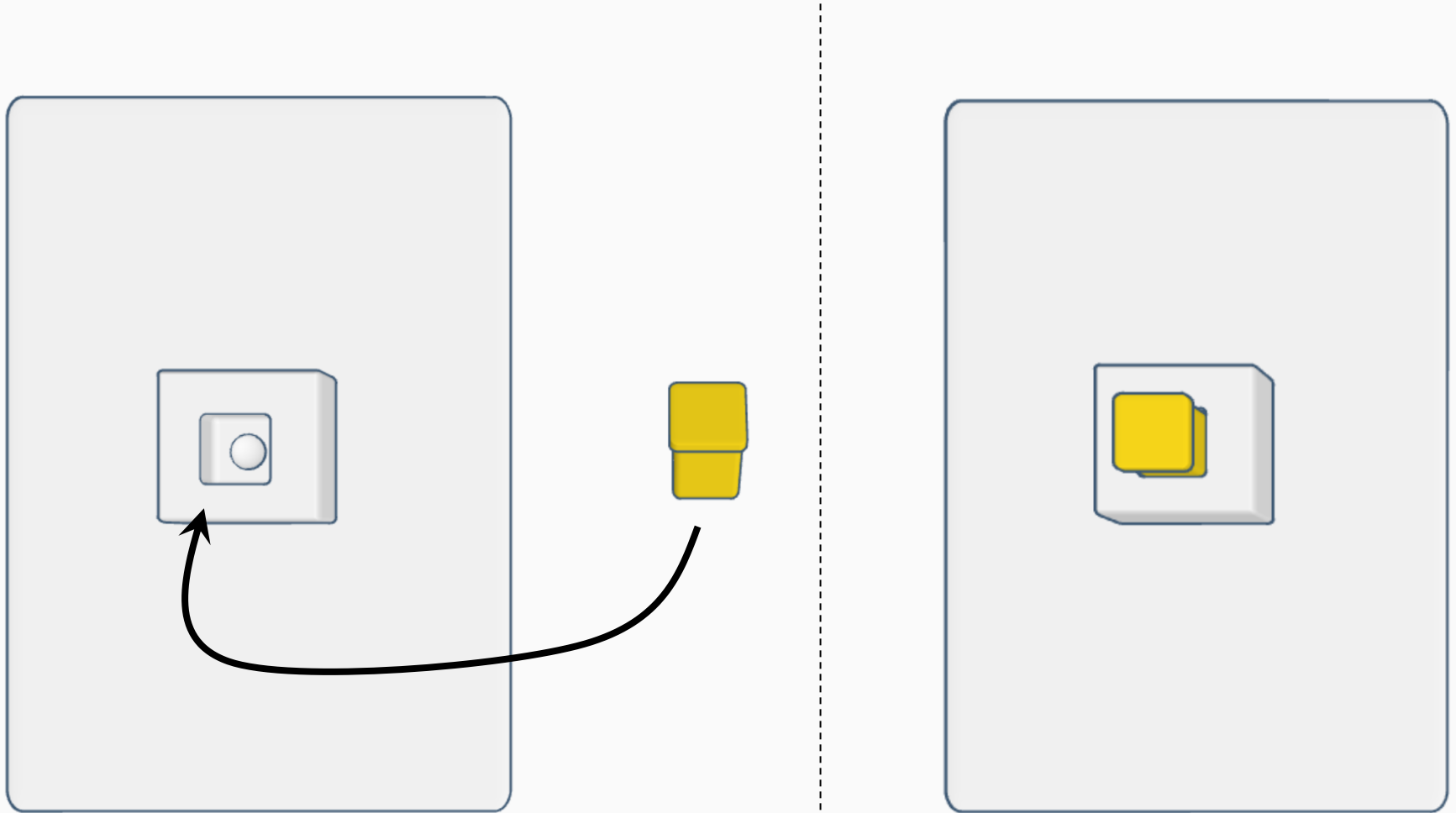
# Lockbox #1 – Drawer/Stick



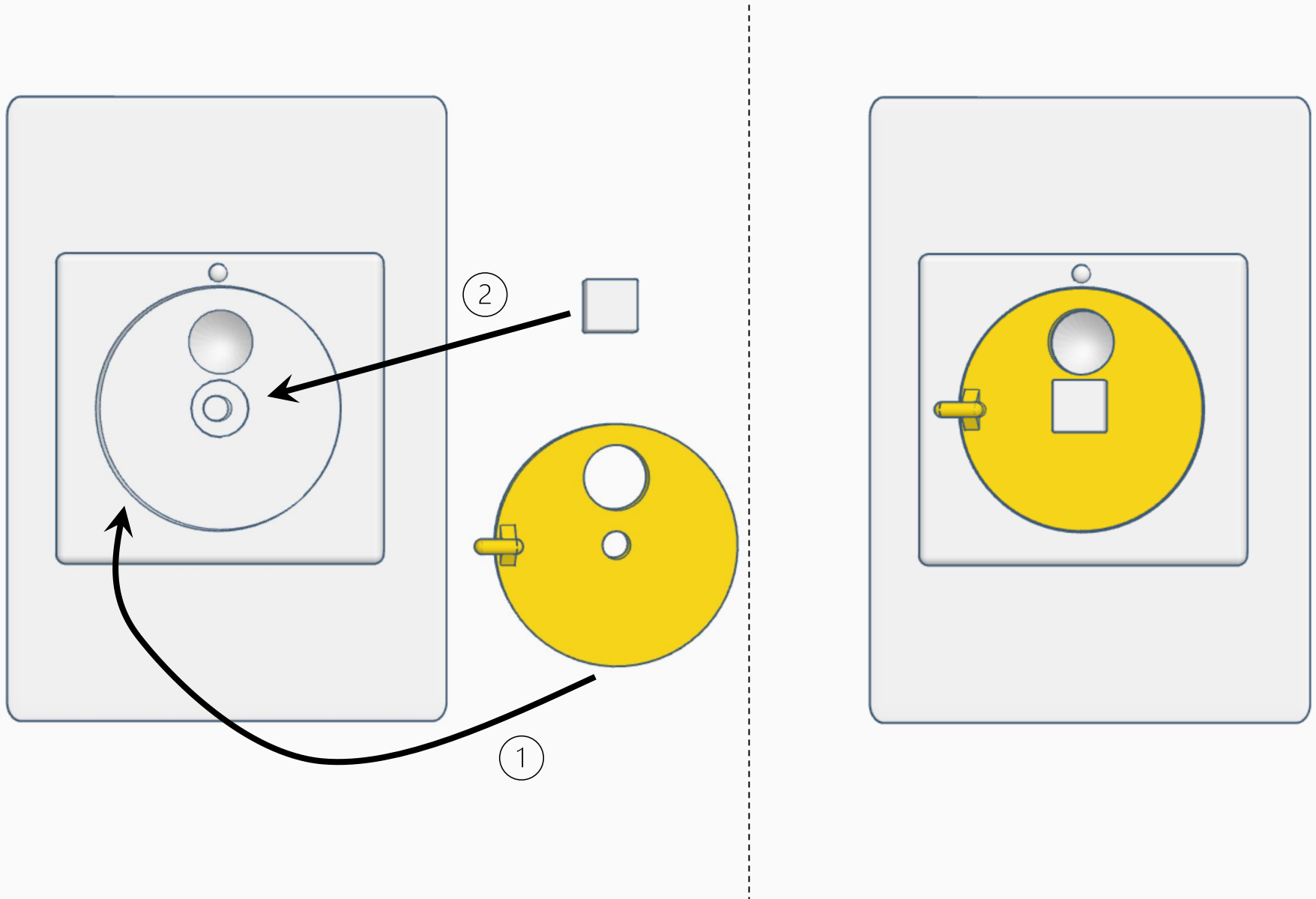
# Lockbox #1 – Lever



# Lockbox #1 – Cube



# Lockbox #1 – Disc



# Instruction Manual

## Lockbox #2 – Single Mechanisms

The file „ Lockbox#2\_single\_mechanism\_lever“ contains the following STL files, which are required for the Single Mechanism Lockbox „Lever“:

- LB#2\_single\_base.stl
- LB#2\_single\_lever.stl
- LB#2\_single\_seal3.stl

The file „ Lockbox#2\_single\_mechanism\_stick“ contains the following STL files, which are required for the Single Mechanism Lockbox „Stick“:

- LB#2\_single\_base.stl
- LB#2\_single\_stick.stl
- LB#2\_single\_plates.stl
- LB#2\_single\_seal4.stl
- LB#2\_single\_seal5.stl

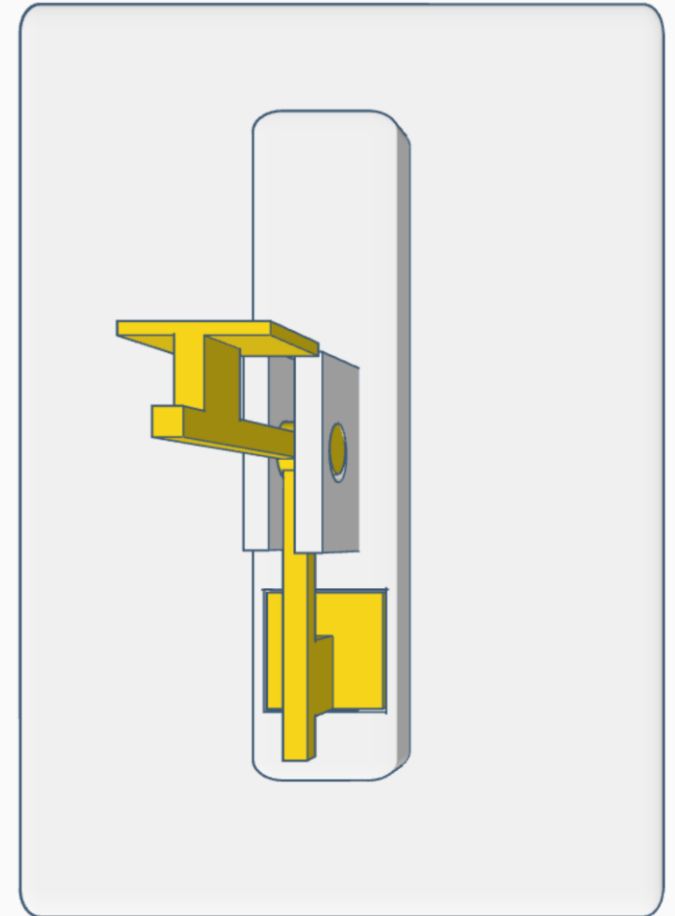
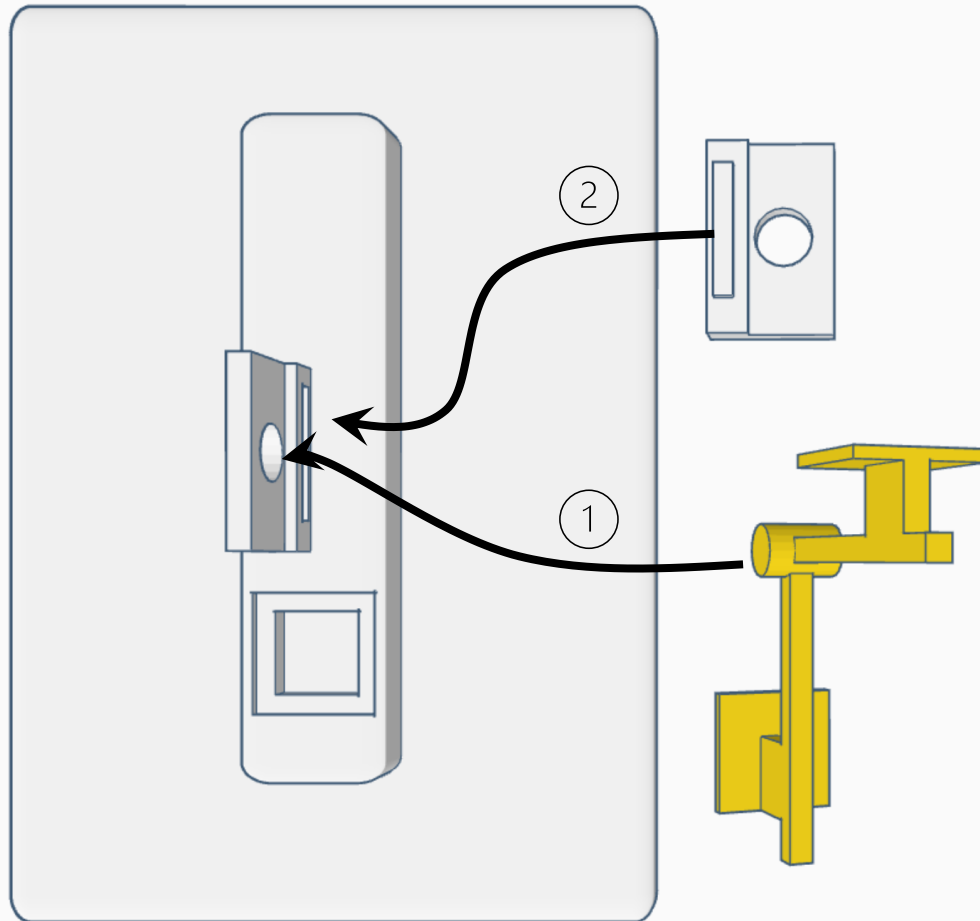
The file „ Lockbox#2\_single\_mechanism\_ball“ contains the following STL files, which are required for the Single Mechanism Lockbox „Ball“:

- LB#2\_single\_base.stl
- A glass marble with a diameter of 16mm can be used as ball.

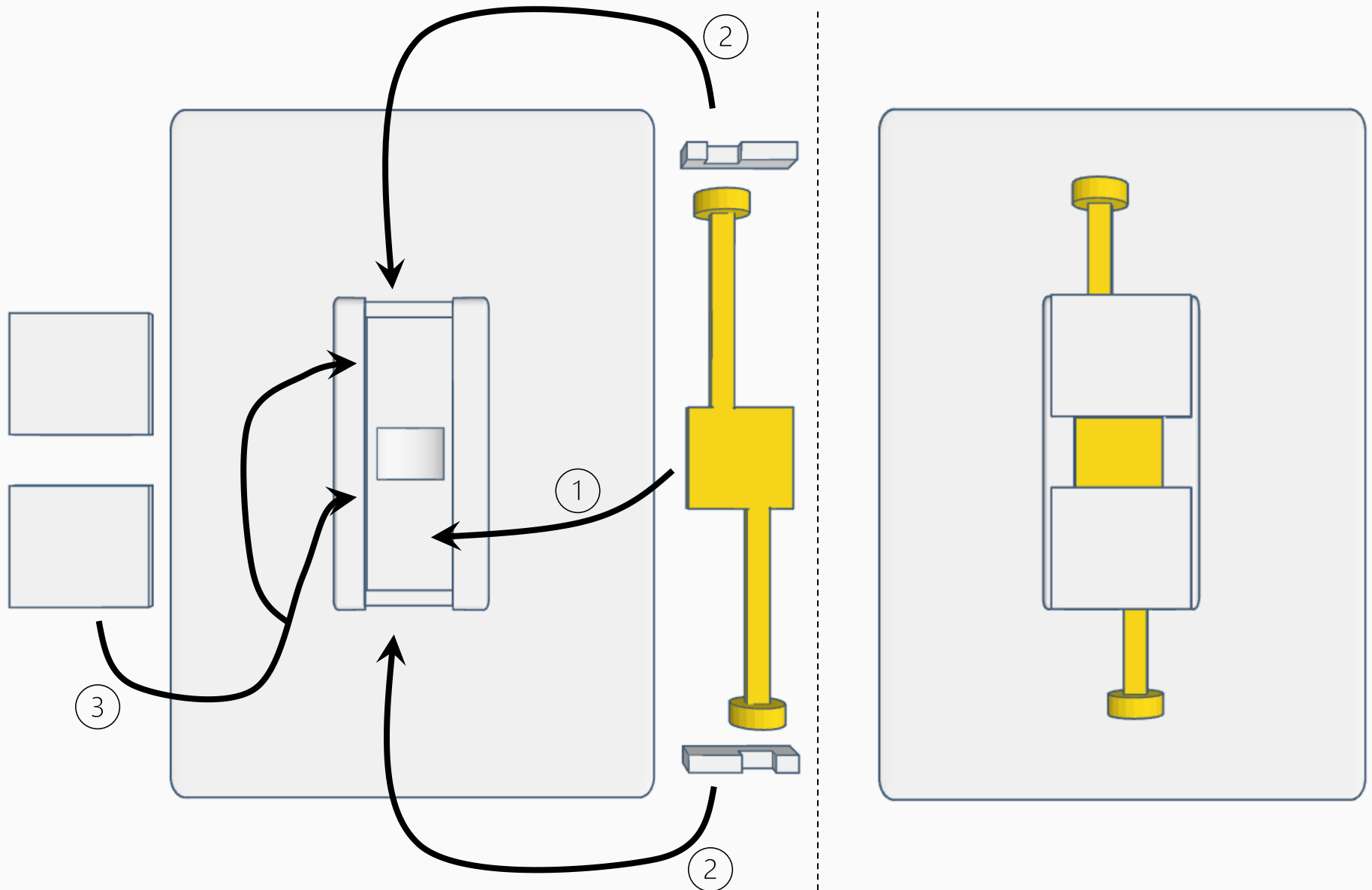
The file „ Lockbox#2\_single\_mechanism\_sliding\_door“ contains the following STL files, which are required for the Single Mechanism Lockbox „Sliding Door“:

- LB#2\_single\_base.stl
- LB#2\_single\_door.stl
- LB#2\_single\_seal6.stl

# Lockbox #2 – Lever

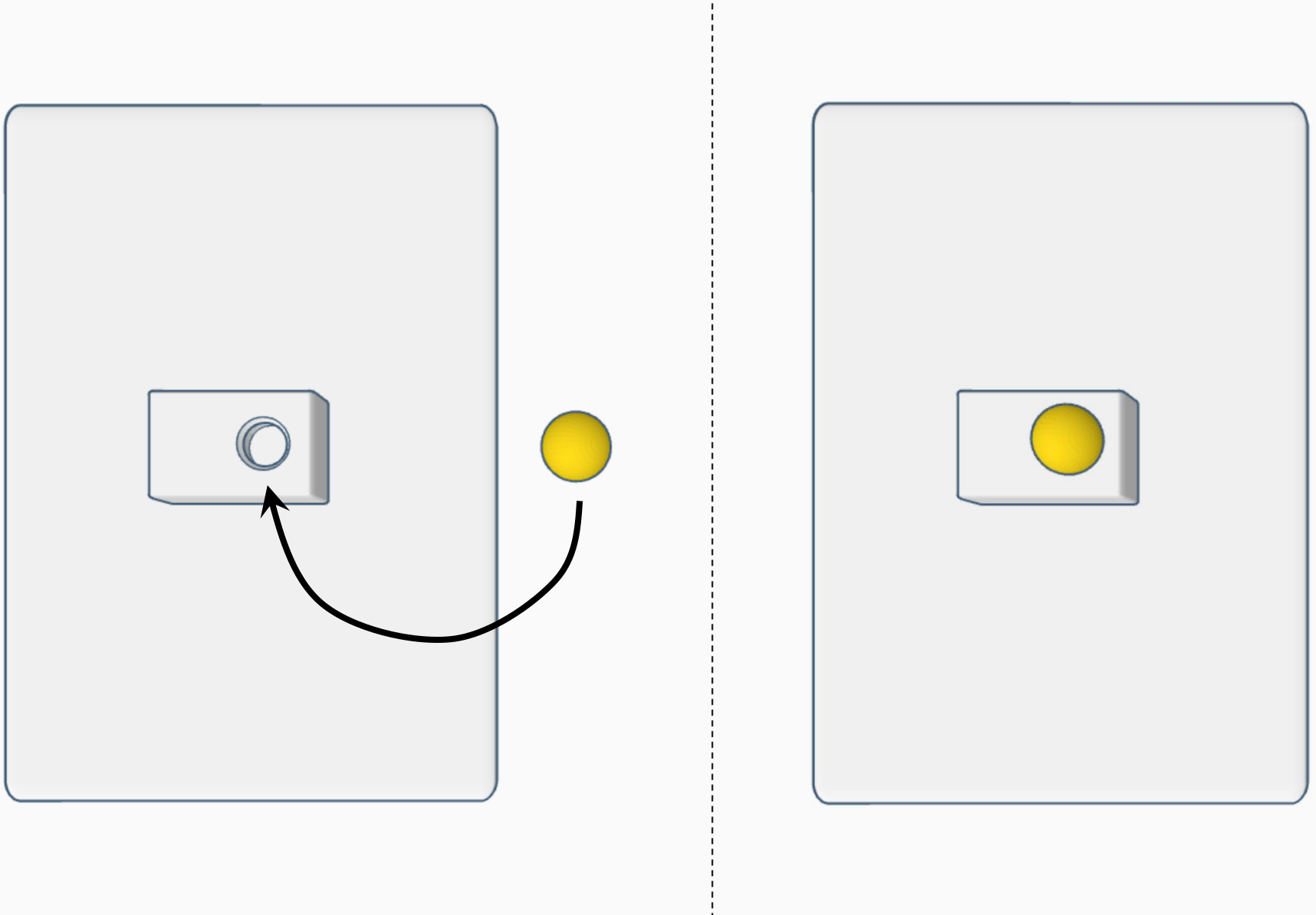


# Lockbox #2 – Stick

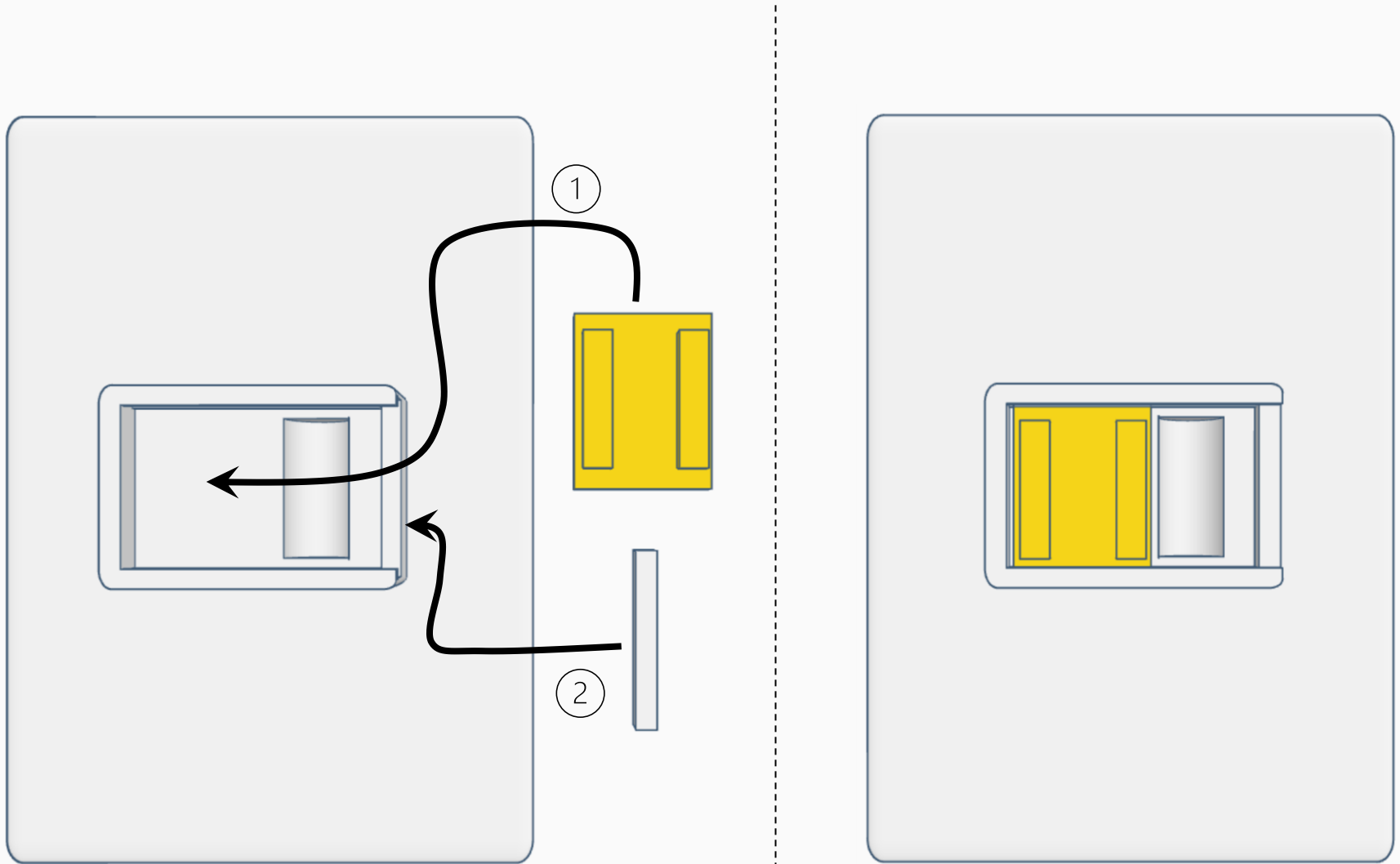




# Lockbox #2 – Ball



# Lockbox #2 – Sliding door

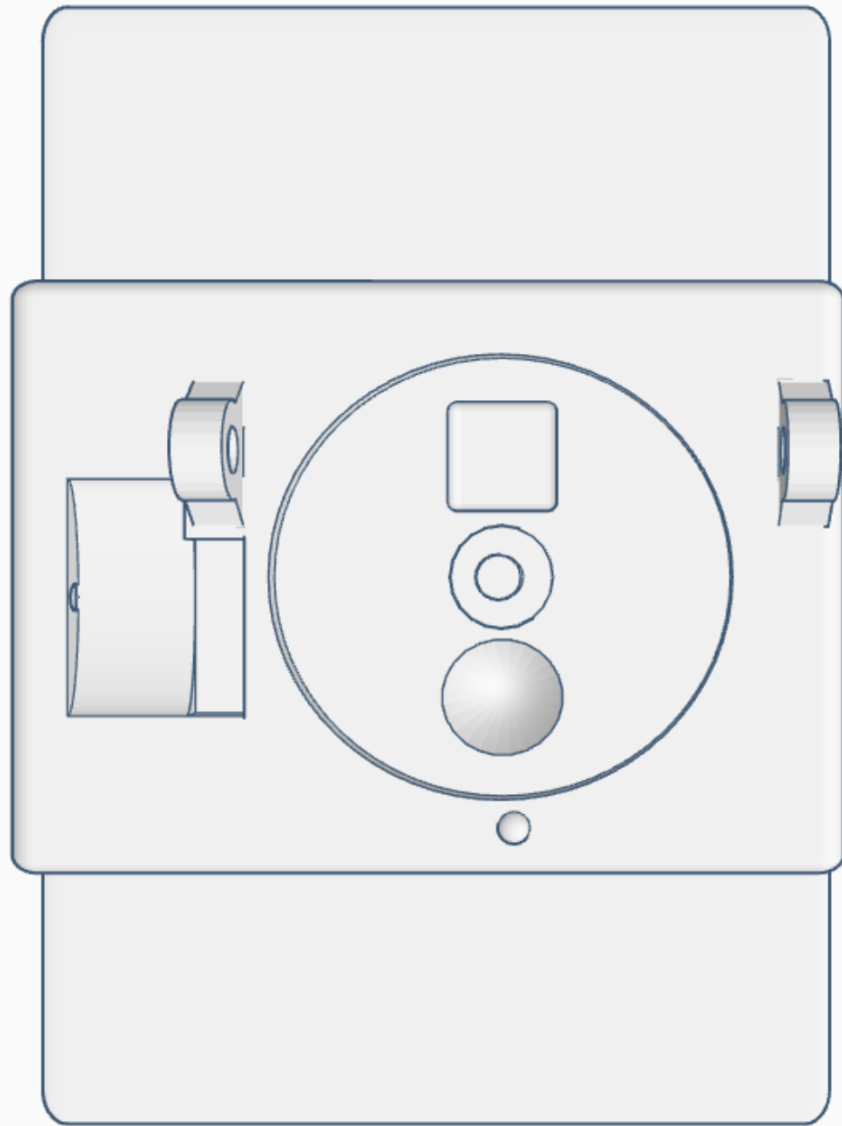


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## Lockbox #1 – Combined Mechanisms

The file „ Lockbox#1\_combined“ contains the following STL files, which are required for the Combined Mechanism Lockbox #1:

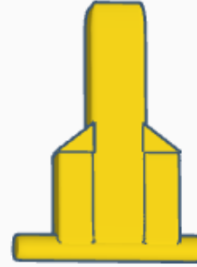
- LB#1\_combined\_base.stl
- LB#1\_combined\_stick.stl
- LB#1\_combined\_lever.stl
- LB#1\_combined\_cube.stl
- LB#1\_combined\_disc.stl
- LB#1\_combined\_seal1.stl
- LB#1\_combined\_seal2.stl



Base



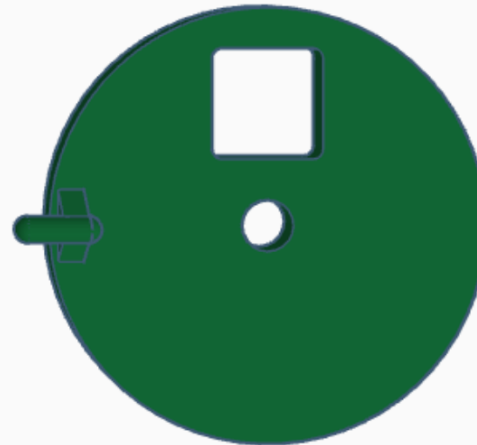
Stick



Lever



Cube



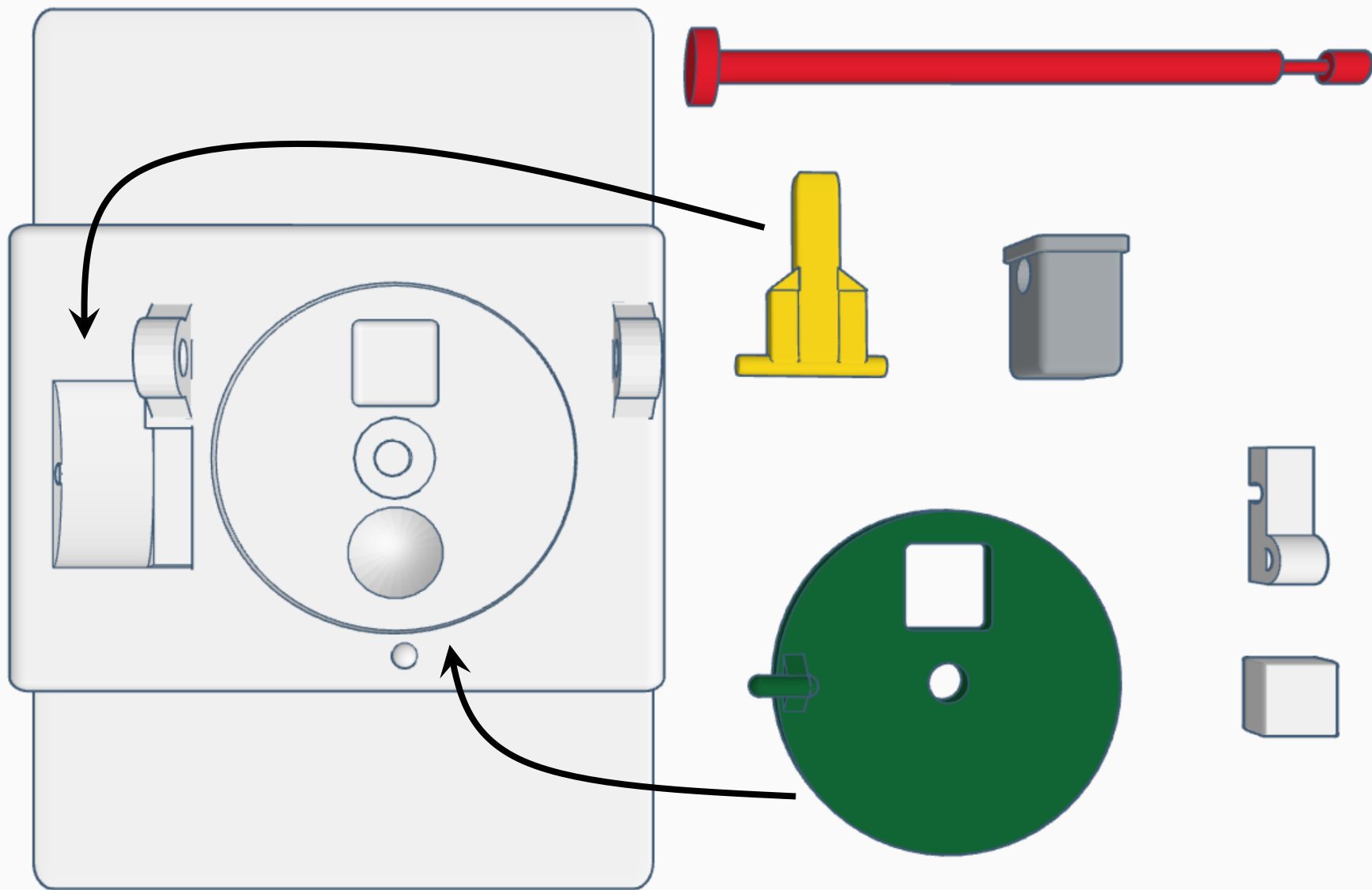
Disc

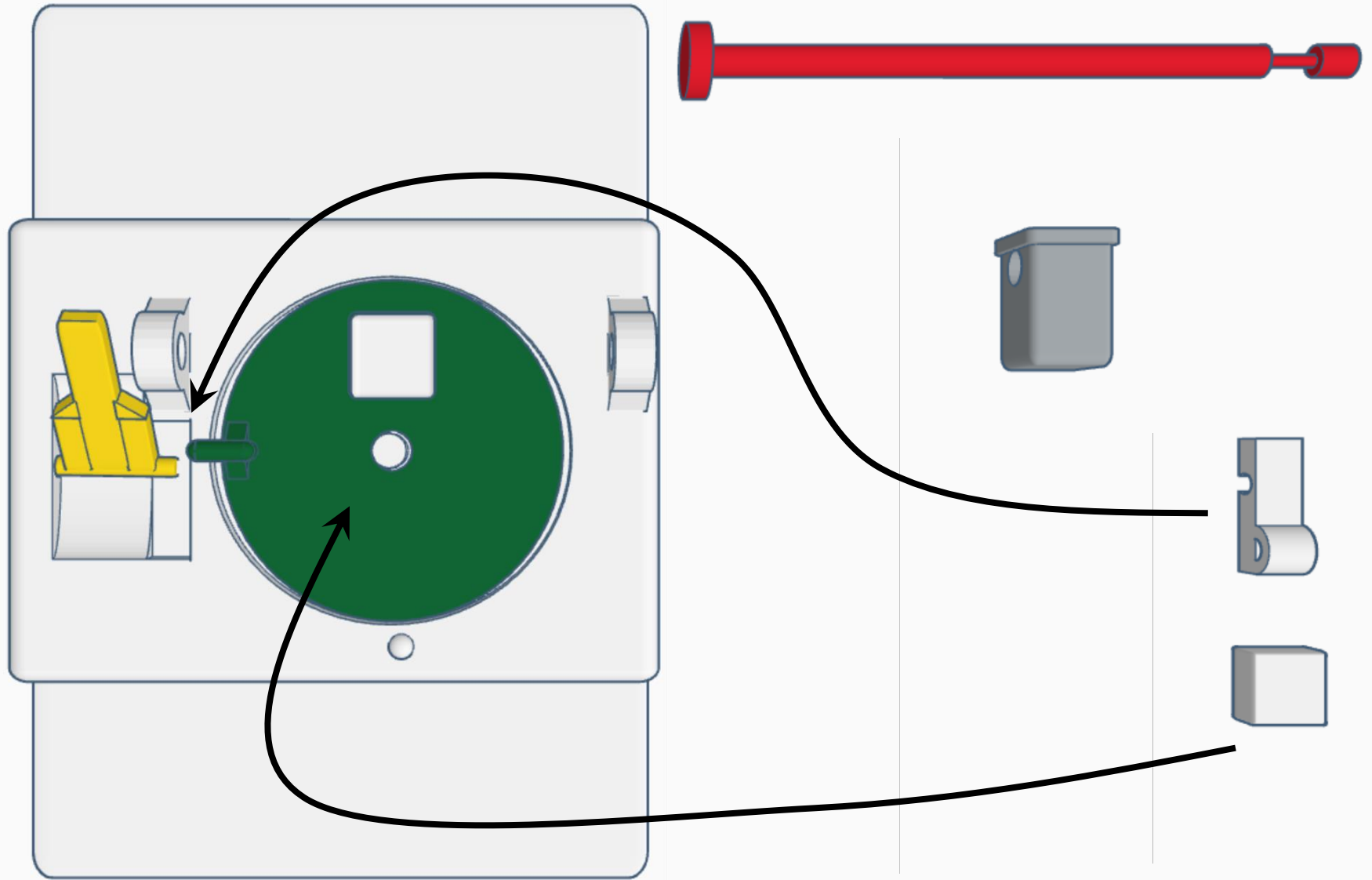


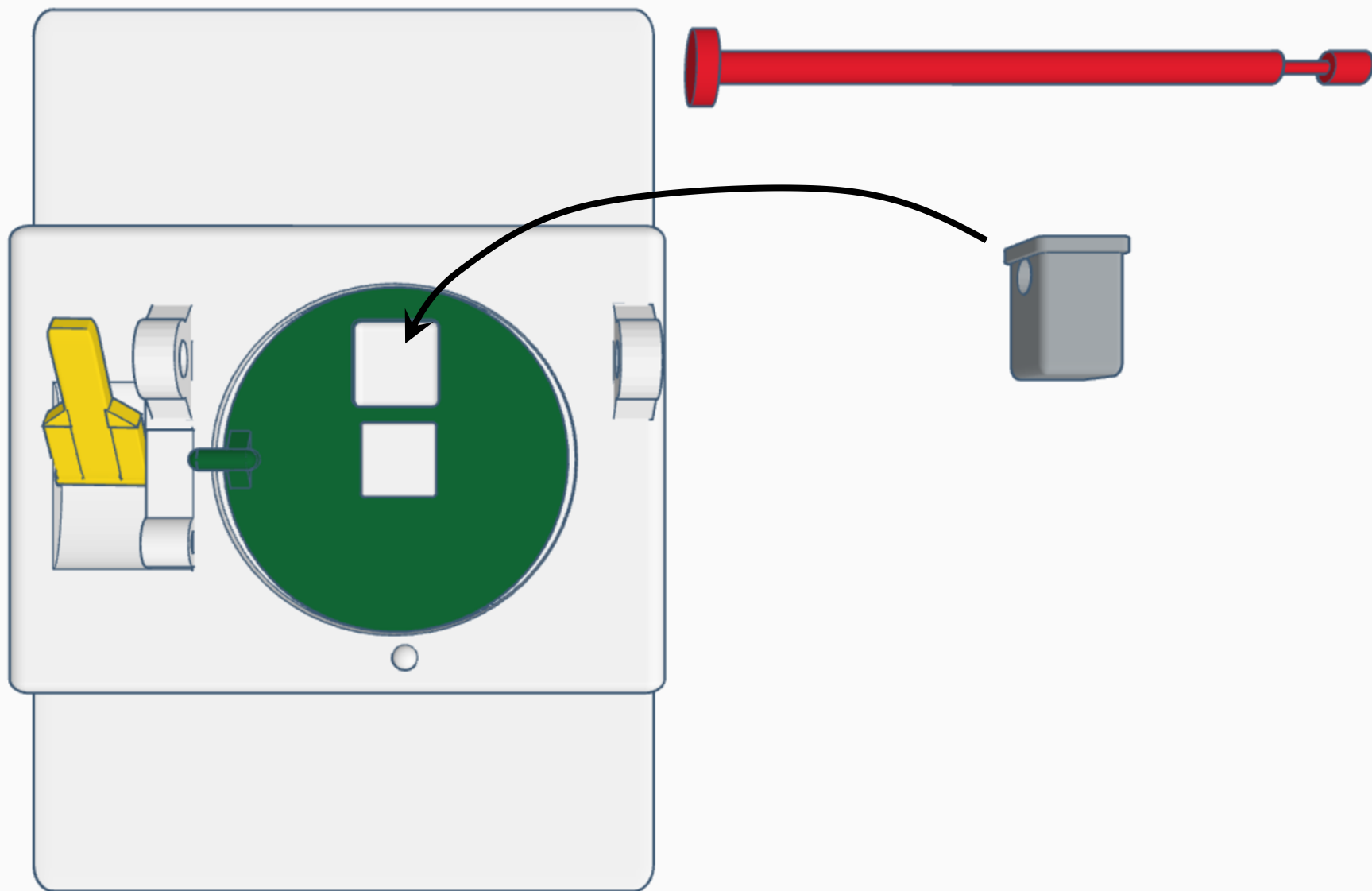
Seal 1

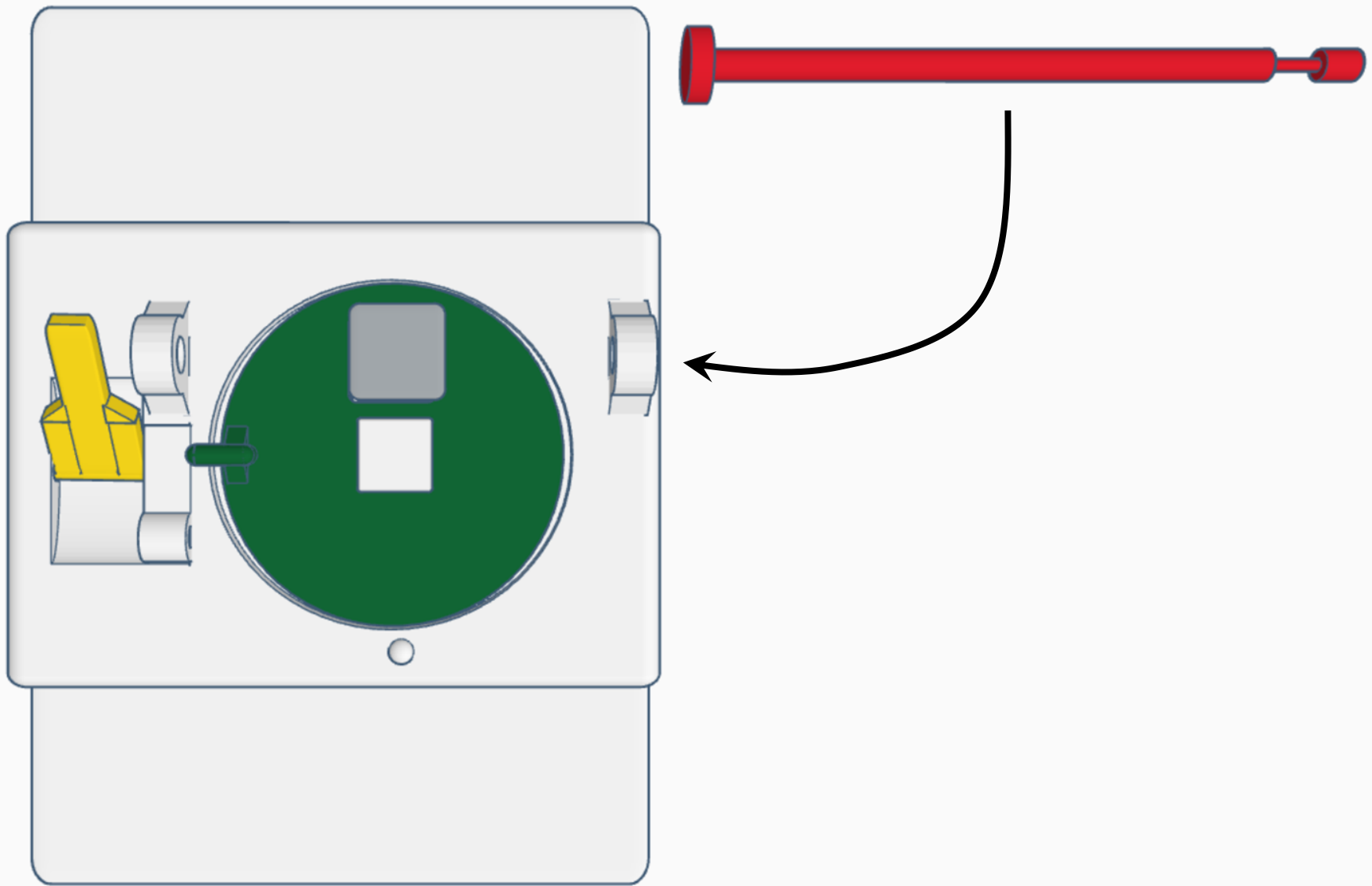


Seal 2

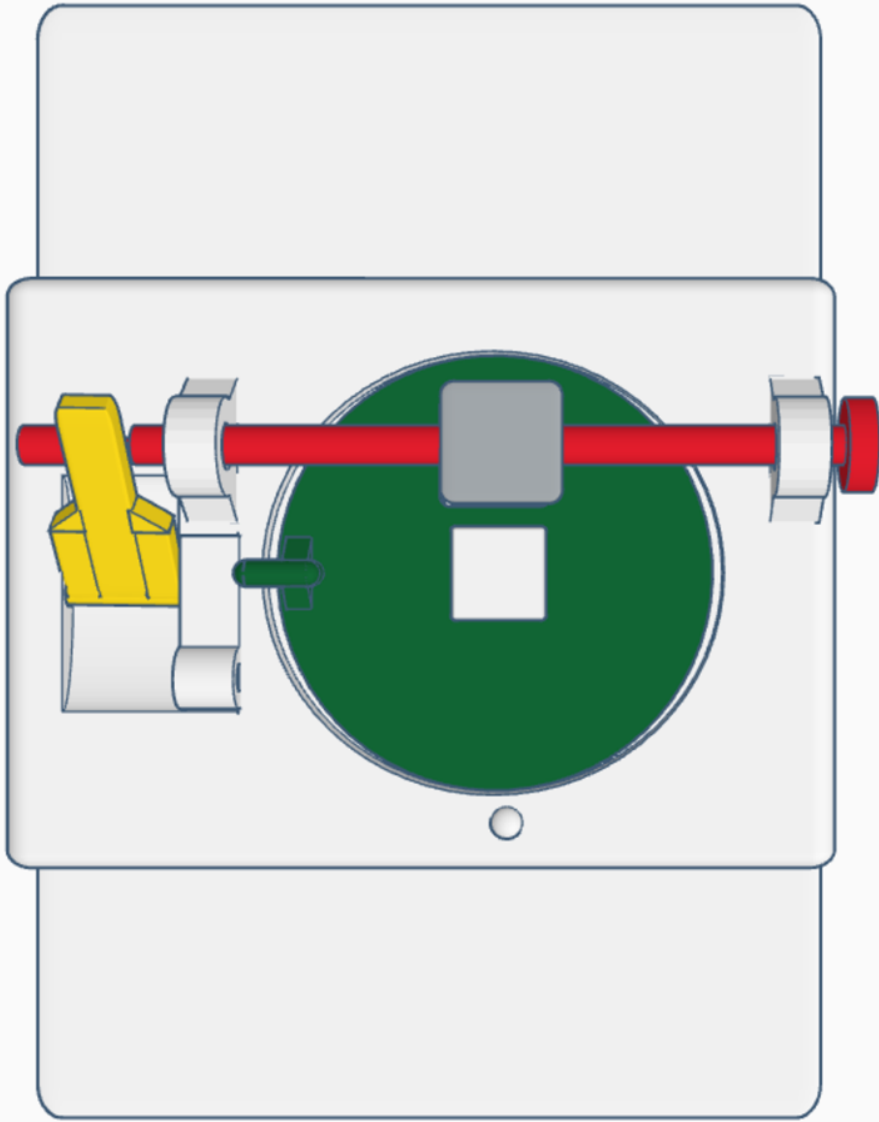










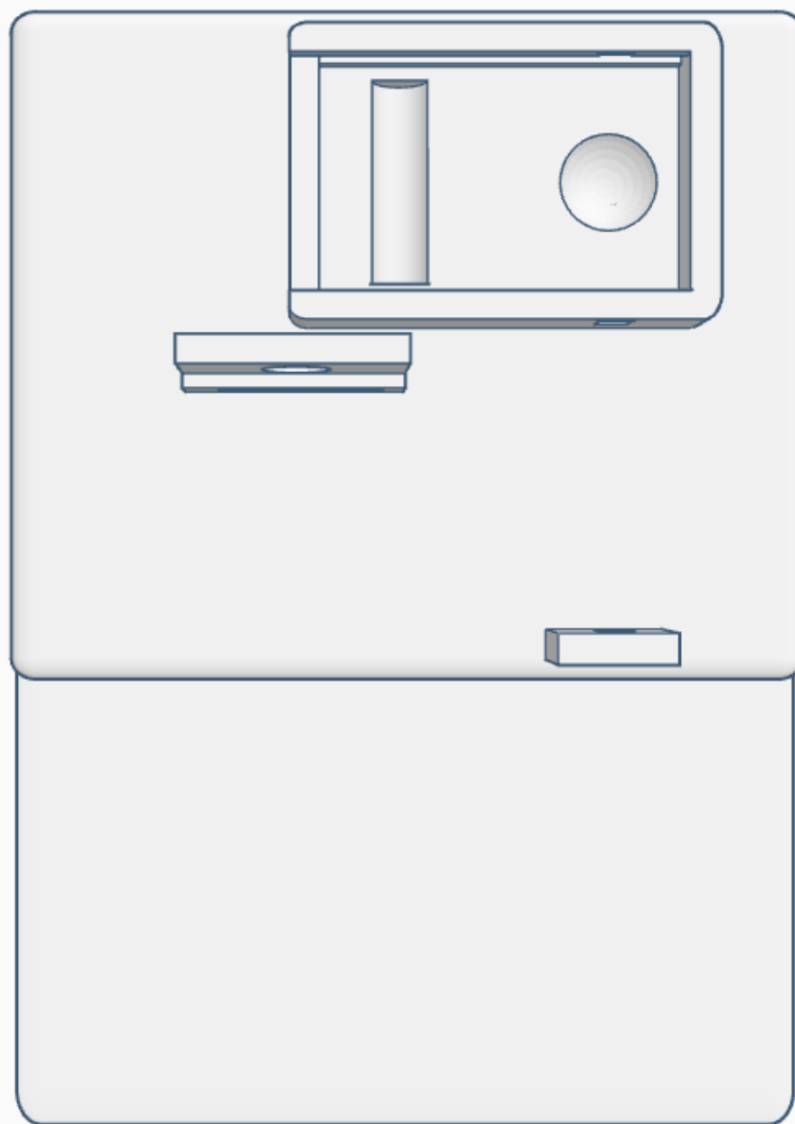


# Instruction Manual

## Lockbox #2 – Combined Mechanisms

The file „ Lockbox#2\_combined“ contains the following STL files, which are required for the Combined Mechanism Lockbox #2:

- LB#2\_combined\_base.stl
- LB#2\_combined\_lever.stl
- LB#2\_combined\_stick1.stl
- LB#2\_combined\_stick2.stl
- LB#2\_combined\_ball.stl
- LB#2\_combined\_door.stl
- LB#2\_combined\_seal3.stl
- LB#2\_combined\_seal6.stl



Base



Door



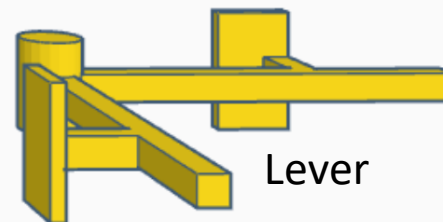
Ball



Seal6



Seal3



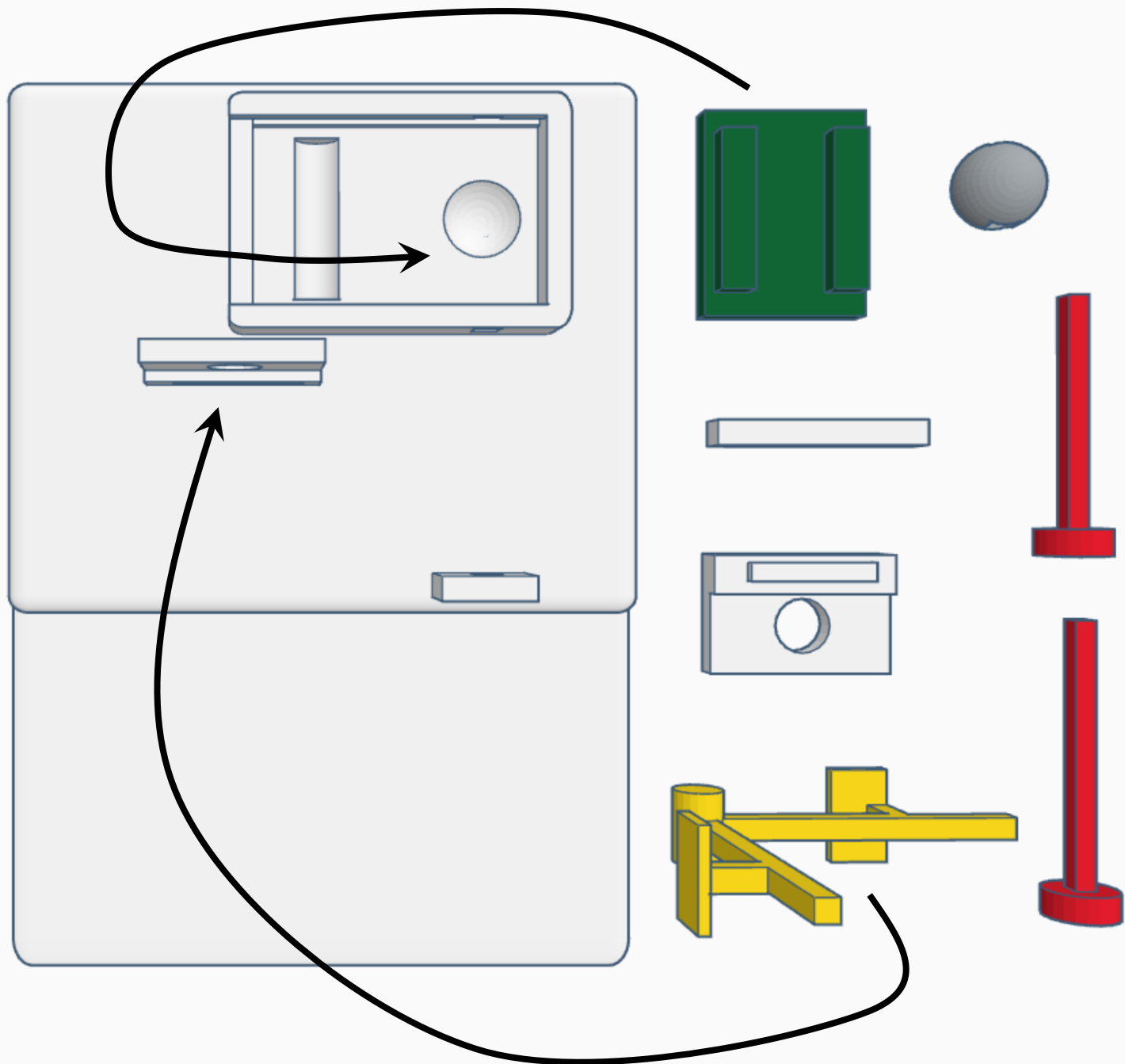
Lever

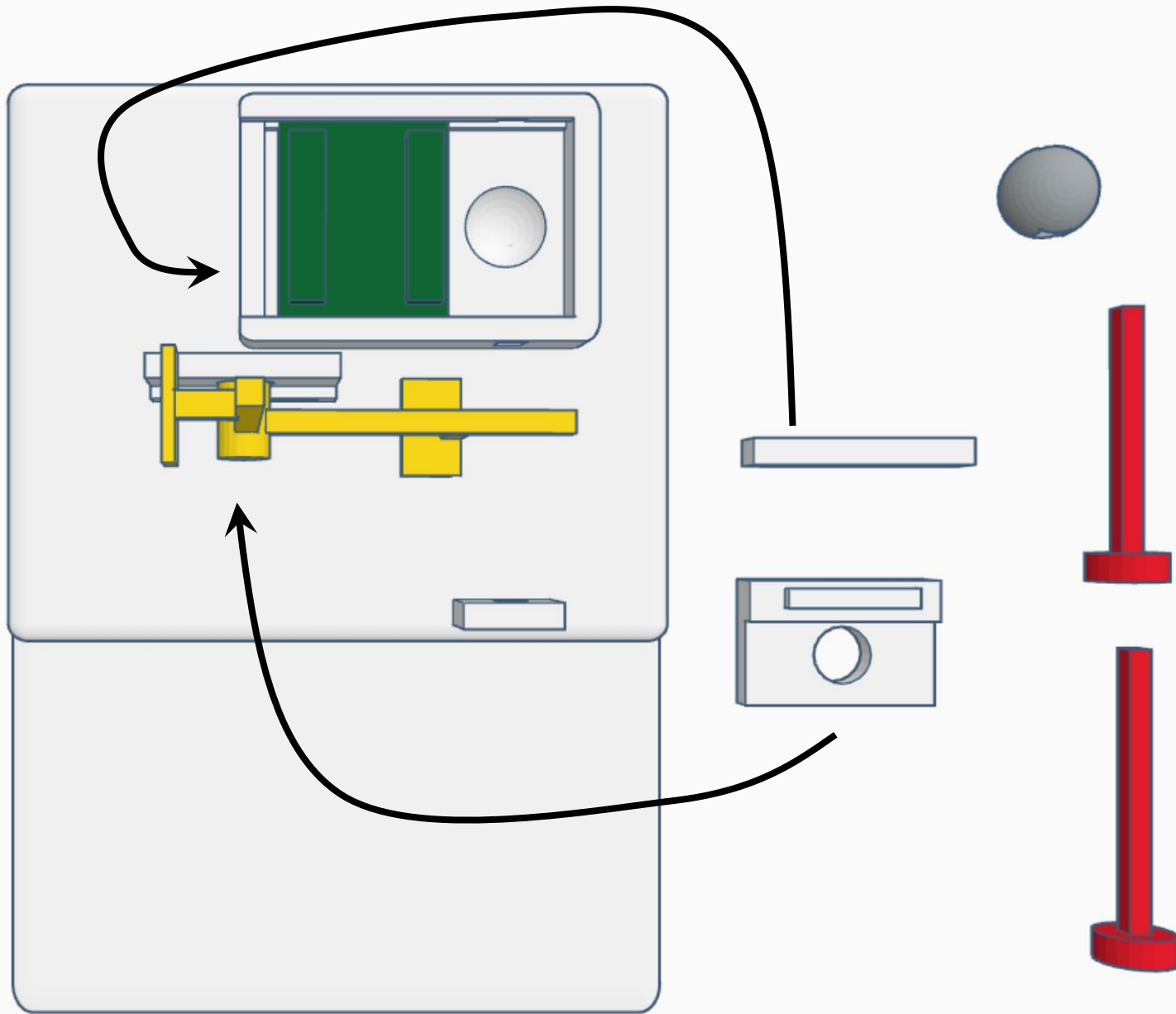


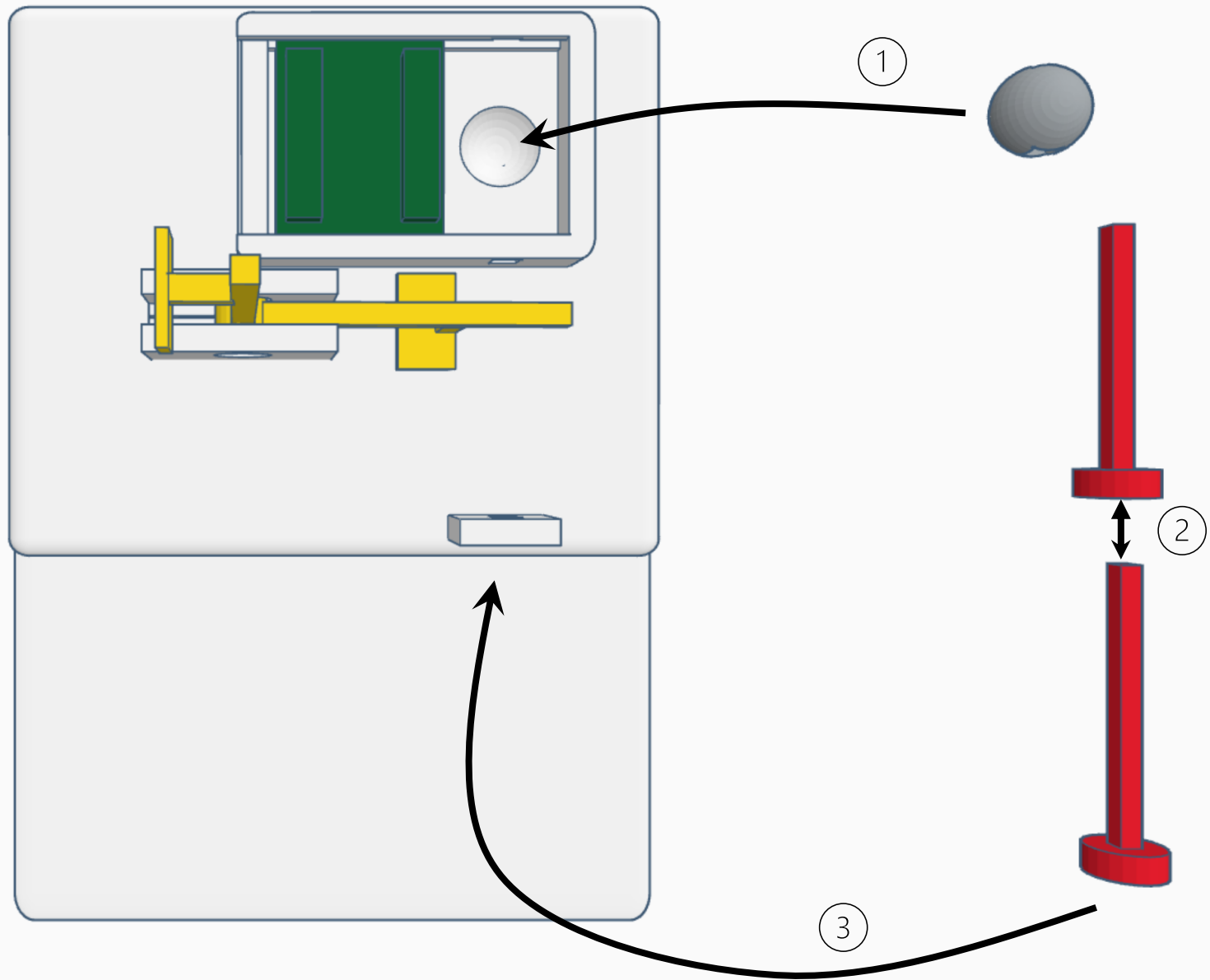
Stick2

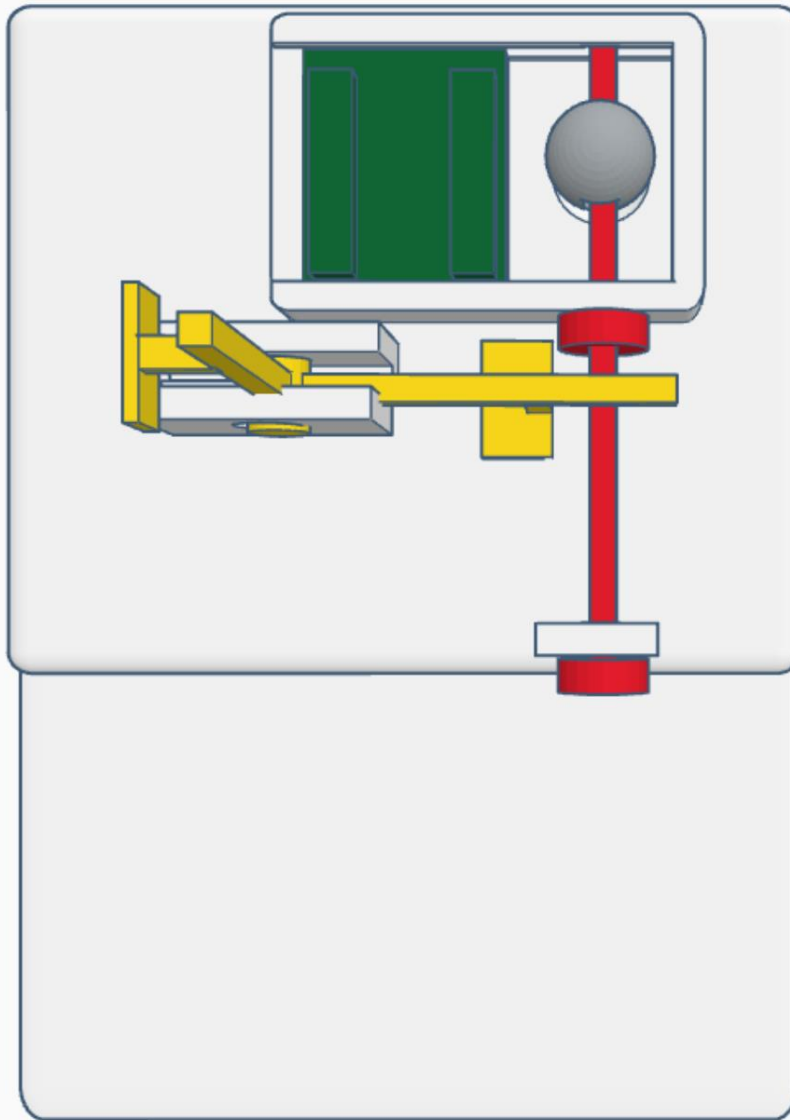


Stick1









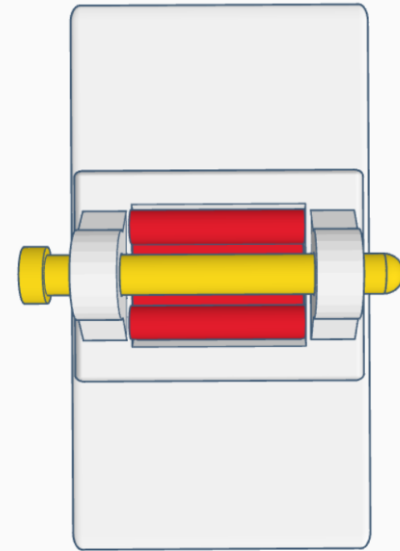
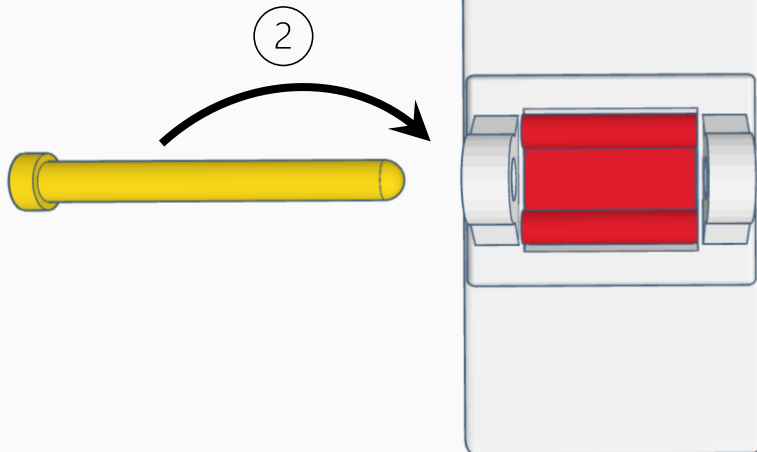
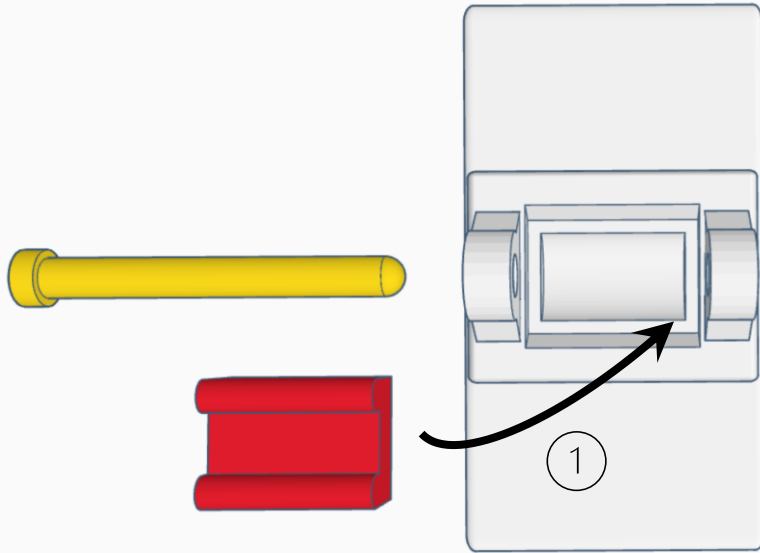
# Instruction Manual

## 2-step Lockbox

The file „2-step-LB\_Block-Stick“ contains the following STL files, which are required for the Single Mechanism Lockbox „Drawer/Stick“:

- 2-step-LB\_base.stl
- 2-step-LB\_block.stl
- 2-step-LB\_stick.stl





# Instruction Manual

## Multiple-lockbox platforms:

### Lockbox #1 – Single and combined mechanisms

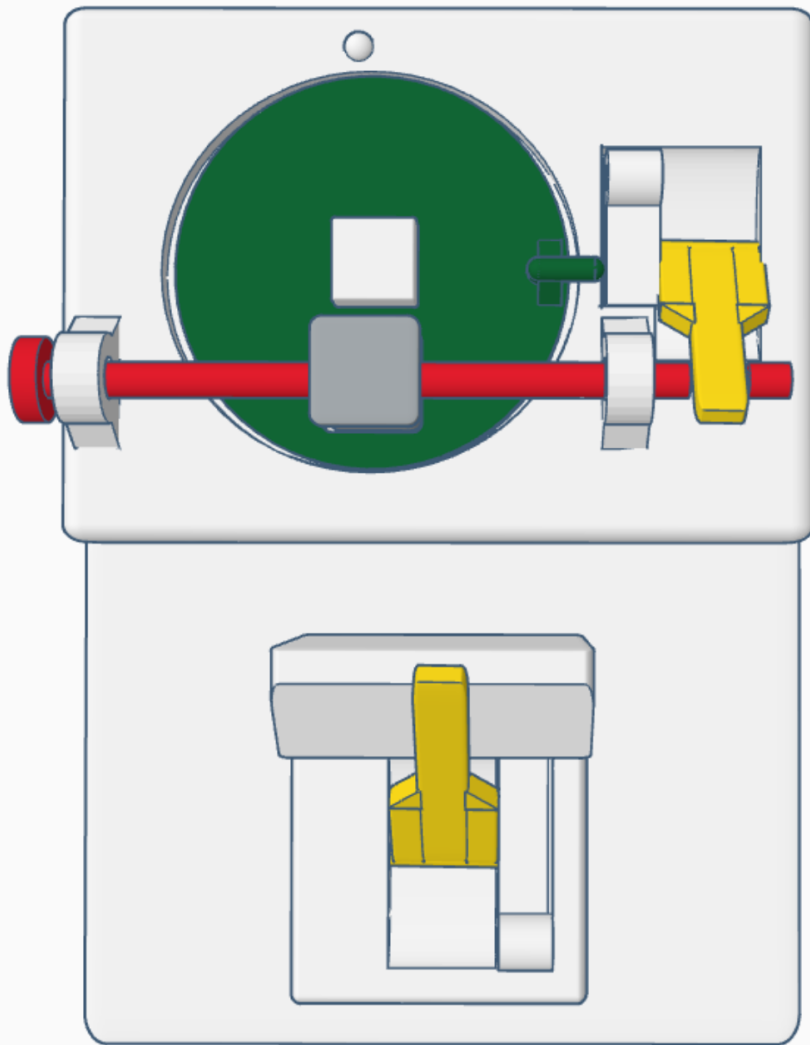
For both Lockbox #1 and Lockbox #2, a platform comprising a single-mechanism lockbox and the combined-mechanism lockbox was designed. There are two versions for lockbox #2 and one version for lockbox #1.

The file „LB#1\_single+combined\_mechanism\_version1“ contains the following STL files, which are required for the platform of LB#1 comprising a single mechanism and the combined mechanism lockbox (version 1):

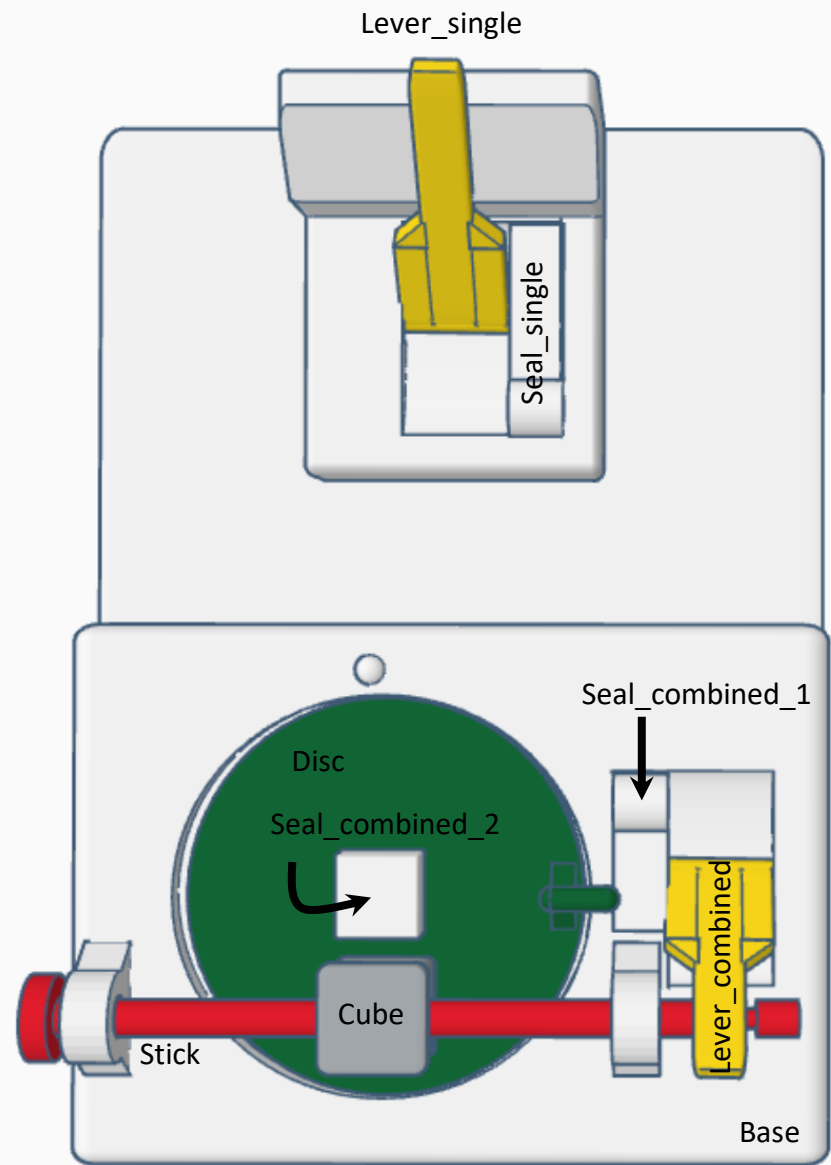
- LB#1\_single+combined\_Base\_Version1.stl
- LB#1\_single+combined\_Disc.stl
- LB#1\_single+combined\_Stick.stl
- LB#1\_single+combined\_Cube.stl
- LB#1\_single+combined\_Lever\_combined.stl
- LB#1\_single+combined\_Lever\_single.stl
- LB#1\_single+combined\_Seal\_combined\_1.stl
- LB#1\_single+combined\_Seal\_combined\_2.stl
- LB#1\_single+combined\_Seal\_single

The file „LB#1\_single+combined\_mechanism\_version2“ contains the following STL files, which are required for the platform of LB#1 comprising a single mechanism and the combined mechanism lockbox (version 2):

- LB#1\_single+combined\_Base\_Version2.stl
- LB#1\_single+combined\_Disc.stl
- LB#1\_single+combined\_Stick.stl
- LB#1\_single+combined\_Cube.stl
- LB#1\_single+combined\_Lever\_combined.stl
- LB#1\_single+combined\_Lever\_single.stl
- LB#1\_single+combined\_Seal\_combined\_1.stl
- LB#1\_single+combined\_Seal\_combined\_2.stl
- LB#1\_single+combined\_Seal\_single



Version 1



Version 2

# Instruction Manual

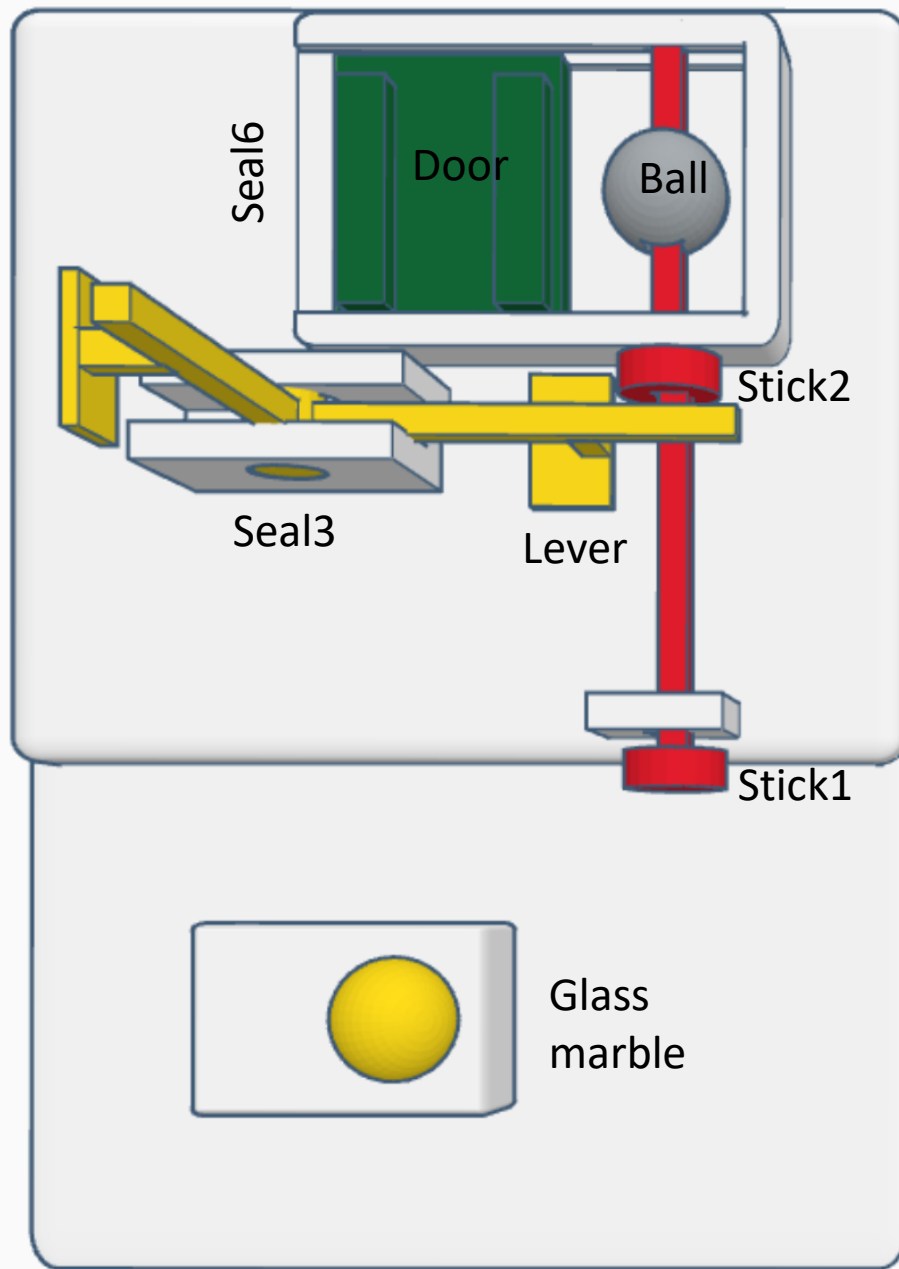
## Multiple-lockbox platforms:

### Lockbox #2 – Single and combined mechanisms

For both Lockbox #1 and Lockbox #2, a platform comprising a single-mechanism lockbox and the combined-mechanism lockbox was designed. There are two versions for lockbox #2 and one version for lockbox #1.

The file „LB#2\_single+combined\_mechanism“ contains the following STL files, which are required for the platform of LB#2 comprising a single mechanism and the combined mechanism lockbox:

- LB#2\_single+combined\_Base.stl
- LB#2\_single+combined\_Lever.stl
- LB#2\_single+combined\_Stick1.stl
- LB#2\_single+combined\_Stick2.stl
- LB#2\_single+combined\_Ball.stl
- LB#2\_single+combined\_Door.stl
- LB#2\_single+combined\_Seal3.stl
- LB#2\_single+combined\_Seal6.stl



Base

# Instruction Manual

## Multiple-lockbox platforms: Lockbox #1 – All single mechanisms

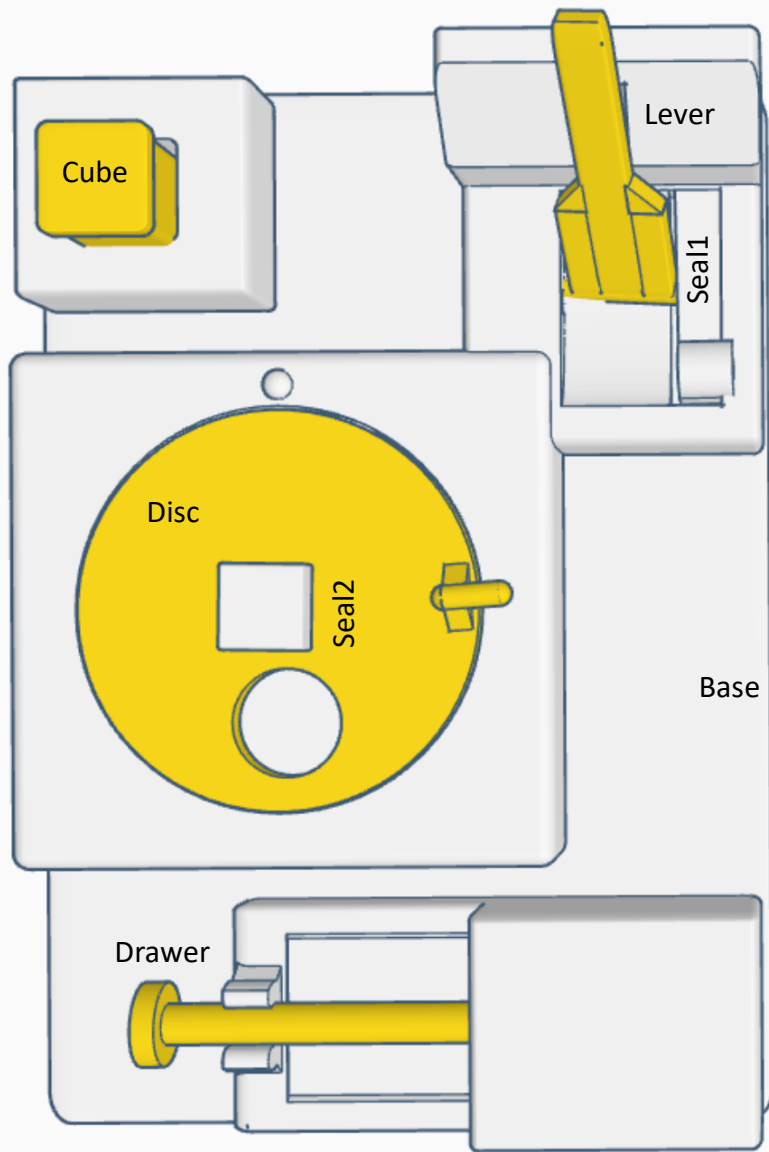
A platform with all single-mechanism lockboxes was designed. There are two version for each lockbox. The different versions of the platforms allow the mechanisms to be positioned at a different place.

The file „LB#1\_all\_single\_mechanisms\_version\_1“ contains the following STL files, which are required for the platform of LB#1 comprising a single mechanisms (version 1):

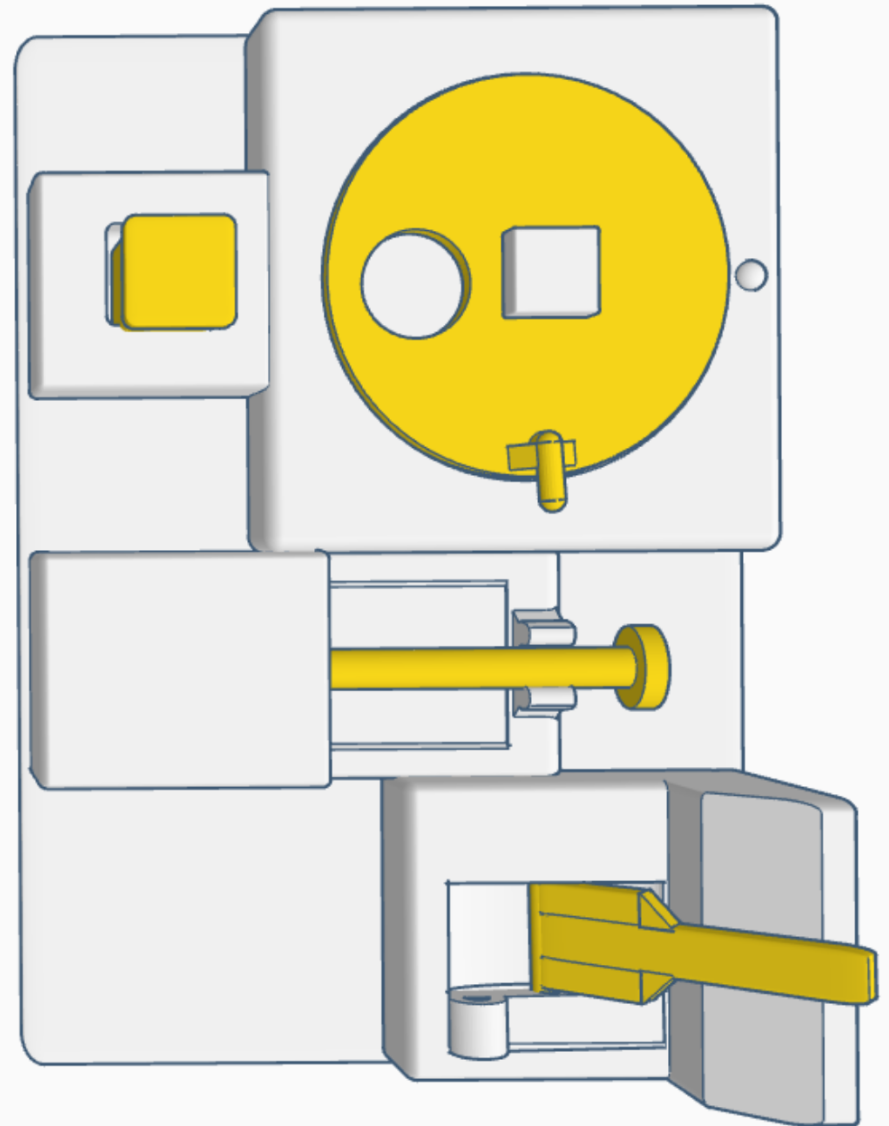
- LB#1\_all\_single\_version1\_Base\_Version1.stl
- LB#1\_all\_single\_version1\_Lever.stl
- LB#1\_all\_single\_version1\_Drawer.stl
- LB#1\_all\_single\_version1\_Cube.stl
- LB#1\_all\_single\_version1\_Disc.stl
- LB#1\_all\_single\_version1\_Seal1.stl
- LB#1\_all\_single\_version1\_Seal2.stl

The file „LB#1\_all\_single\_mechanisms\_version\_2“ contains the following STL files, which are required for the platform of LB#1 comprising a single mechanisms (version 1):

- LB#1\_all\_single\_version1\_Base\_Version2.stl
- LB#1\_all\_single\_version1\_Lever.stl
- LB#1\_all\_single\_version1\_Drawer.stl
- LB#1\_all\_single\_version1\_Cube.stl
- LB#1\_all\_single\_version1\_Disc.stl
- LB#1\_all\_single\_version1\_Seal1.stl
- LB#1\_all\_single\_version1\_Seal2.stl



Version 1



Version 2

# Instruction Manual

## Multiple-lockbox platforms: Lockbox #2 – All single mechanisms

A platform with all single-mechanism lockboxes was designed. There are two version for each lockbox. The different versions of the platforms allow the mechanisms to be positioned at a different place.

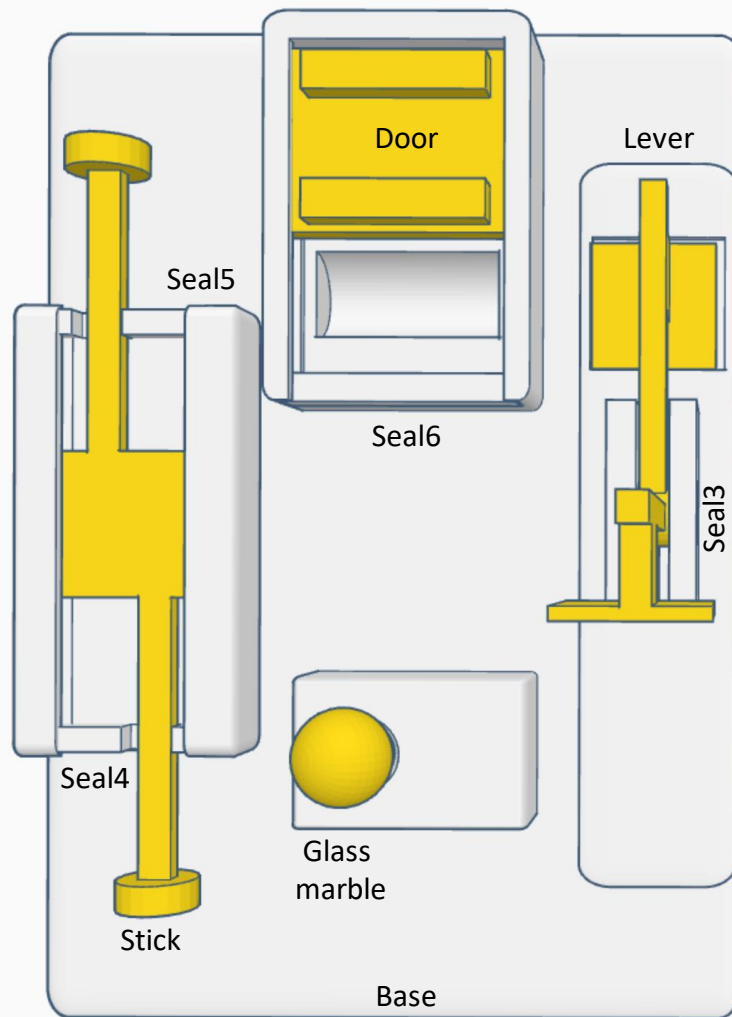
The file „LB#2\_all\_single\_mechanisms\_version\_1“ contains the following STL files, which are required for the platform of LB#2 comprising a single mechanisms (version 1):

- LB#2\_all\_single\_version1\_Base\_Version1.stl
- LB#2\_all\_single\_version1\_Door.stl
- LB#2\_all\_single\_version1\_Lever.stl
- LB#2\_all\_single\_version1\_Seal3
- LB#2\_all\_single\_version1\_Seal4.stl
- LB#2\_all\_single\_version1\_Seal5.stl
- LB#2\_all\_single\_version1\_Seal6.stl
- LB#2\_all\_single\_version1\_Stick.stl

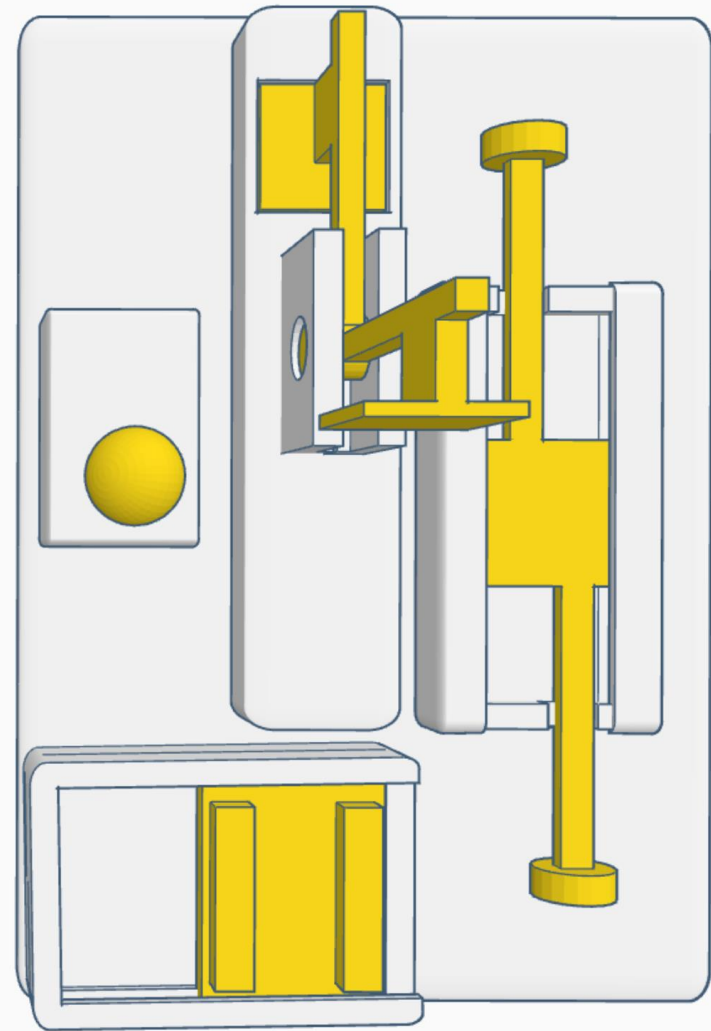
The file „LB#2\_all\_single\_mechanisms\_version\_2“ contains the following STL files, which are required for the platform of LB#2 comprising a single mechanisms (version 2):

- LB#2\_all\_single\_version1\_Base\_Version2.stl
- LB#2\_all\_single\_version1\_Door.stl
- LB#2\_all\_single\_version1\_Lever.stl
- LB#2\_all\_single\_version1\_Seal3
- LB#2\_all\_single\_version1\_Seal4.stl
- LB#2\_all\_single\_version1\_Seal5.stl
- LB#2\_all\_single\_version1\_Seal6.stl
- LB#2\_all\_single\_version1\_Stick.stl





Version 1



Version 2