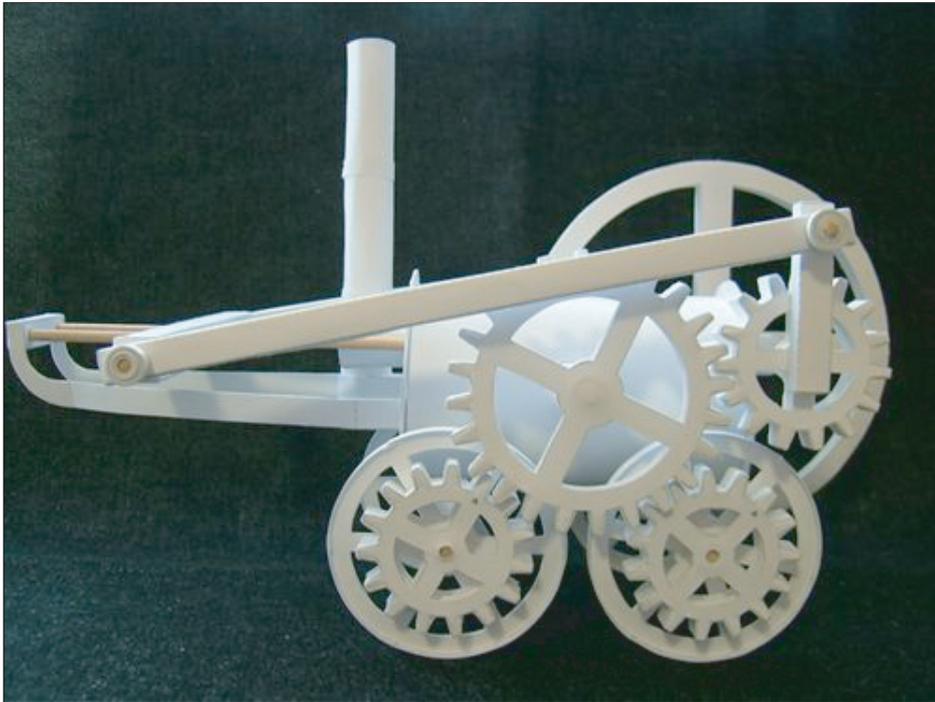


Trevithick's 1804 locomotive paper model



■ Required tools

Scissors Ruler Glue Cutting knife Needle which makes a hole of 3mm in diameter

■ Materials

A4 Paper with thickness. (0.215mm=180g/m²-thick paper is recommended)

Wooden skewer 3mm in diameter. (Length is 1m)

■ Notation of the working method

Cutting line	_____
Folding outside	- - - - -
Folding inside	- · - · -
Reference point of glue	●
Glue and assemble	- - - - - →
Not glue and assemble	- - - - - →

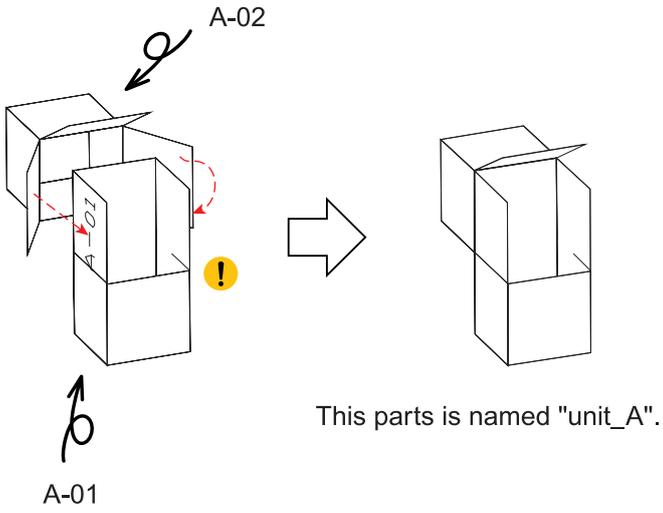
! Attention!!

When you deal with an edged tool, be fully careful !!

When you use glue, fully perform indoor ventilation !!

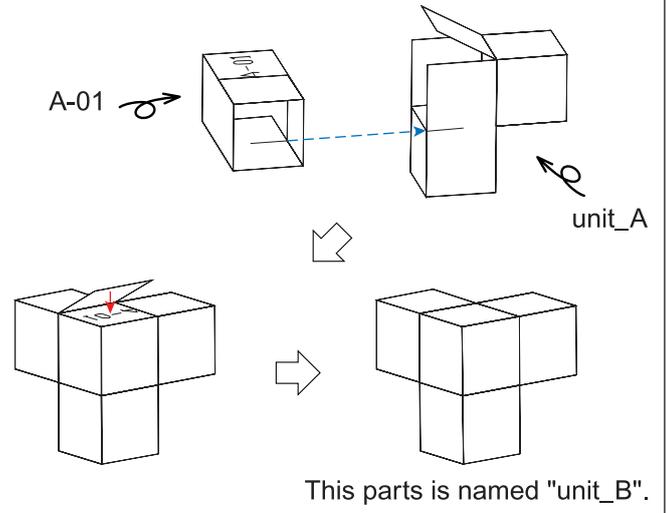
Frame

①



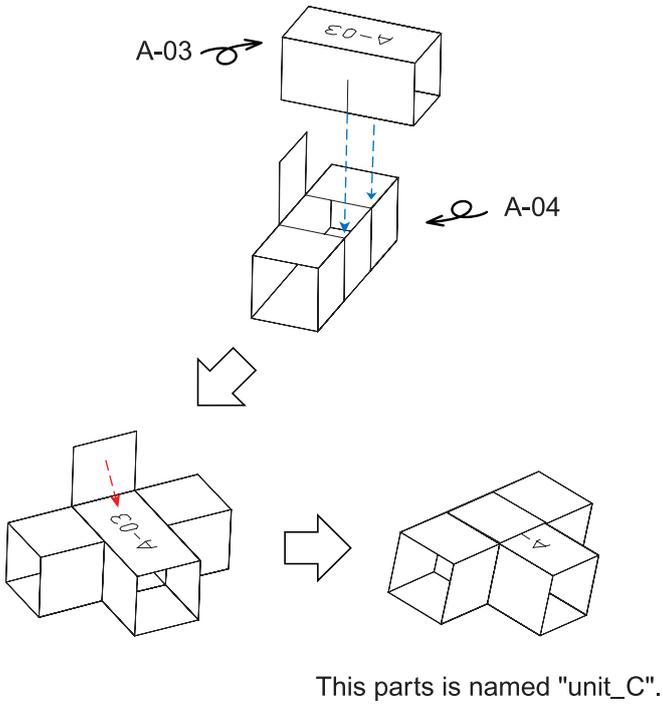
! Be careful not to close a slit.

②

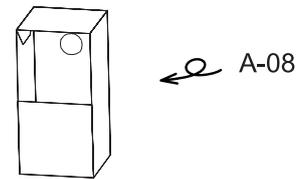


- The slit of "A-01" is inserted one of "unit_A".
- Make the four same things.

③

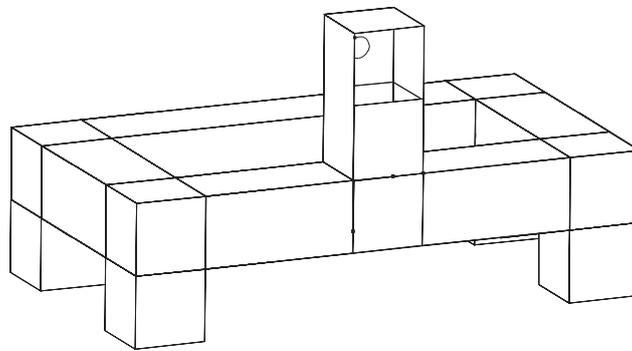
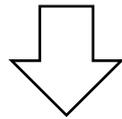
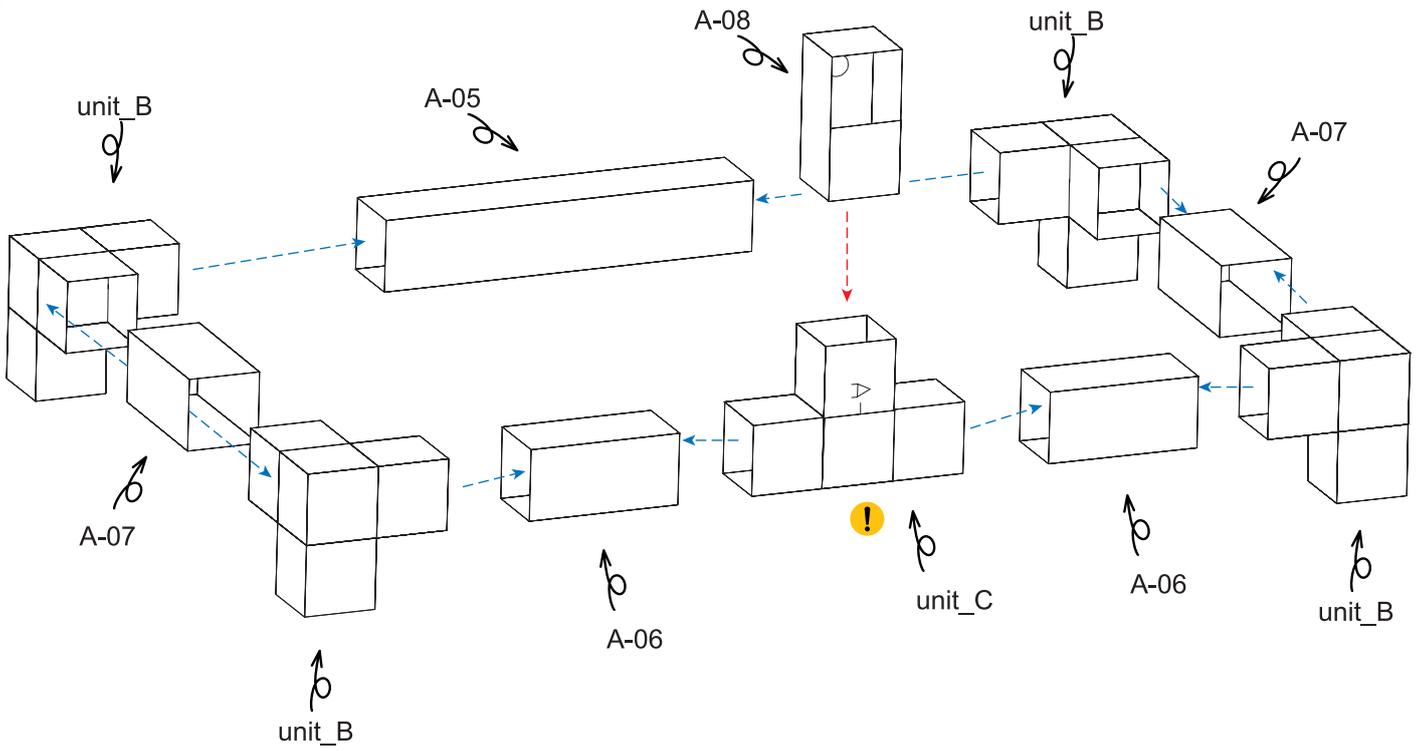


④



Frame

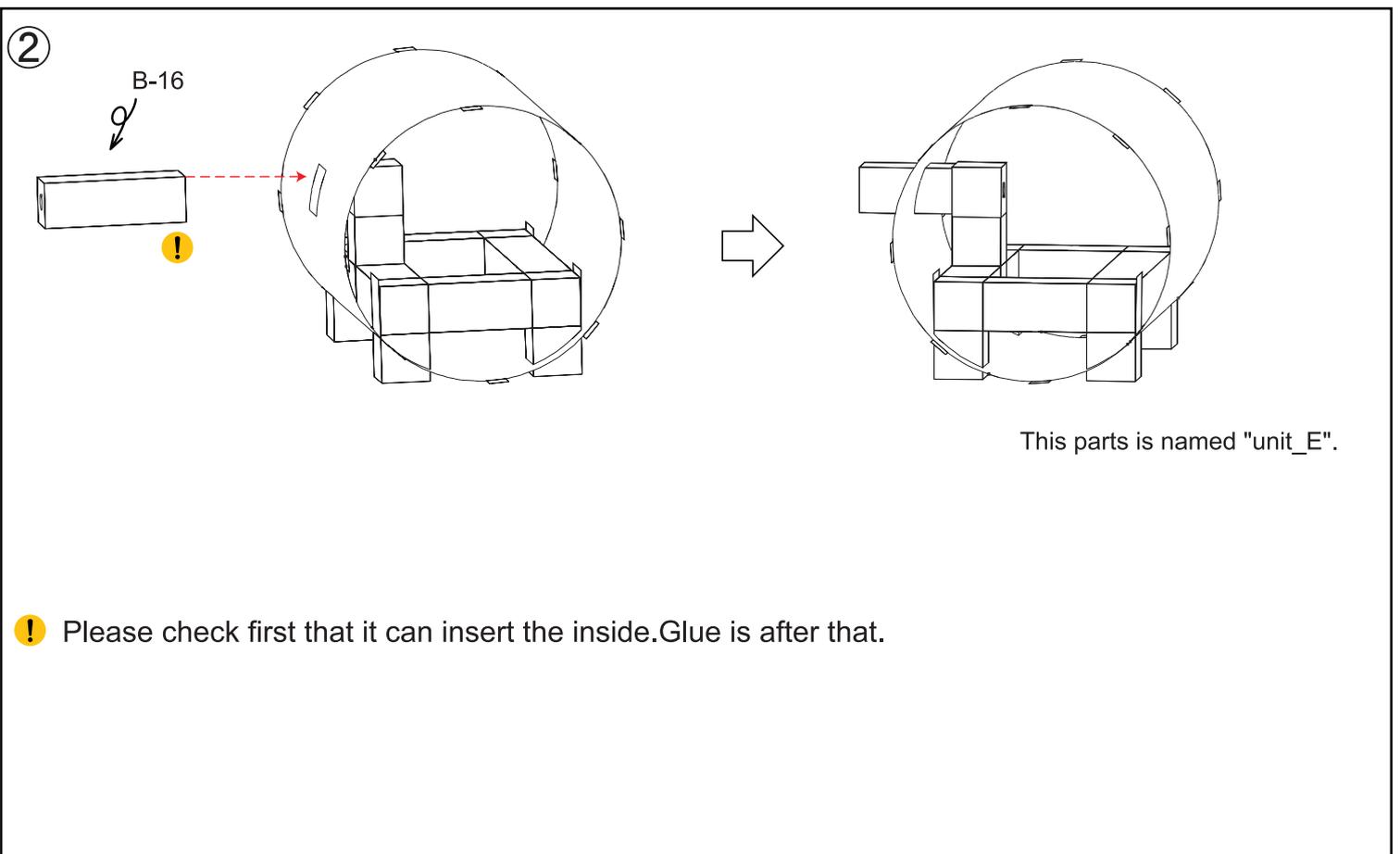
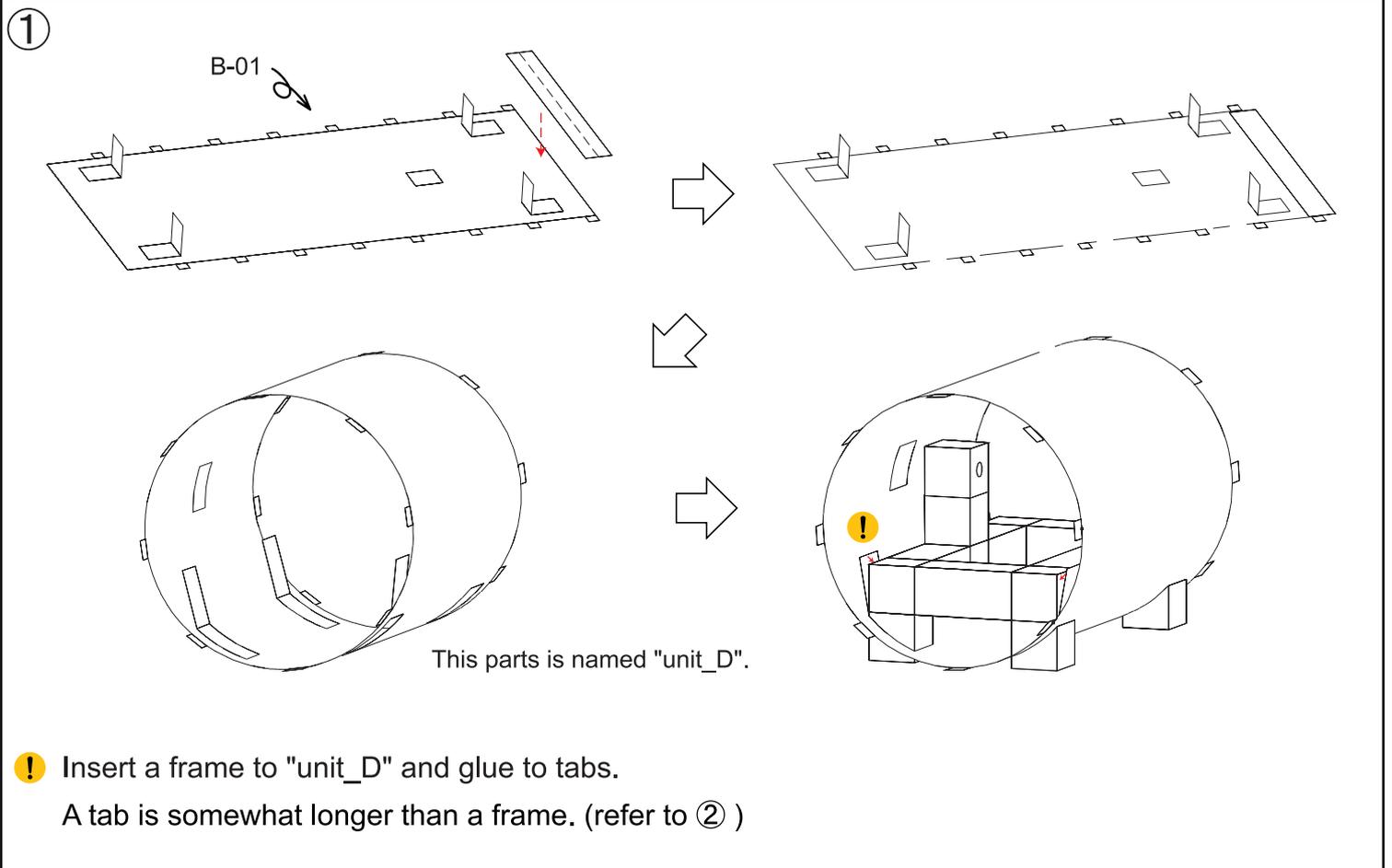
⑤



This parts is named "frame".

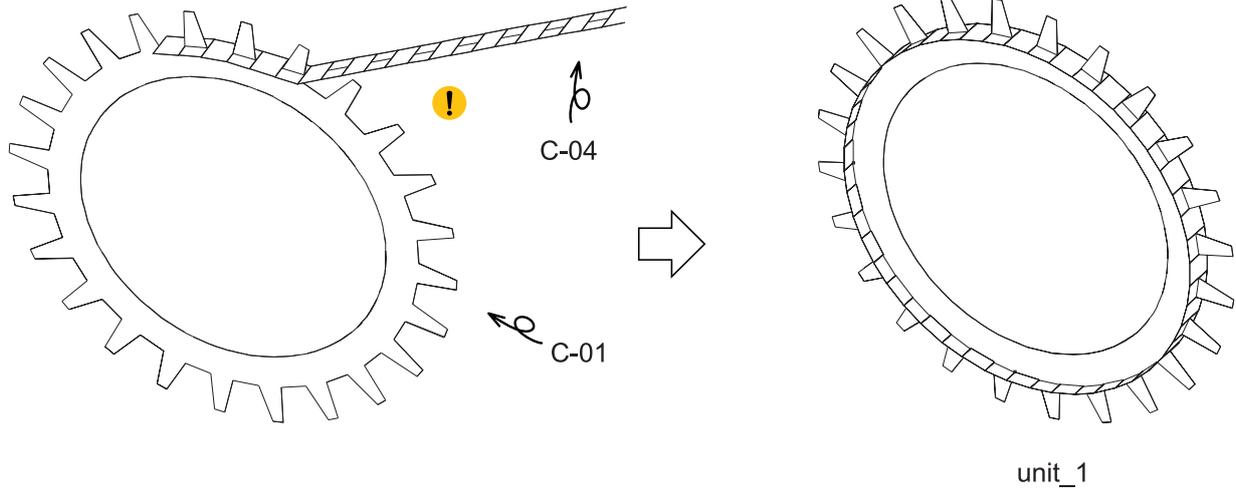
! The character of "A-3" should turn to an outside.

Body



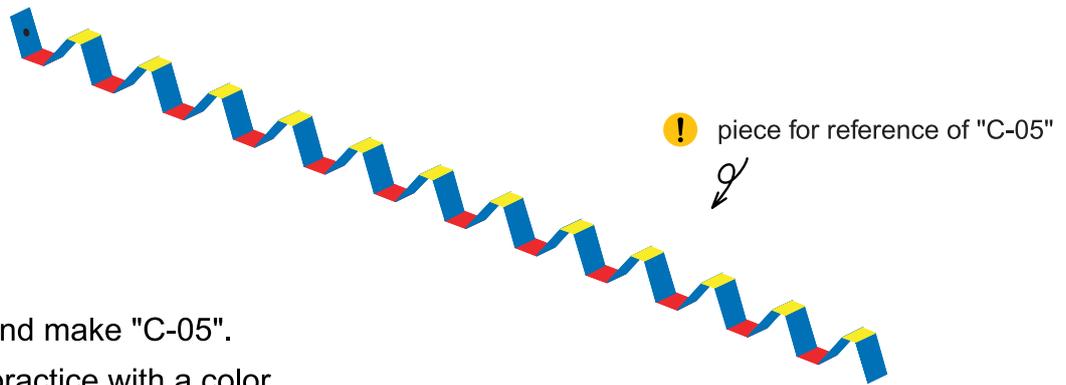
24teeth Gear

①



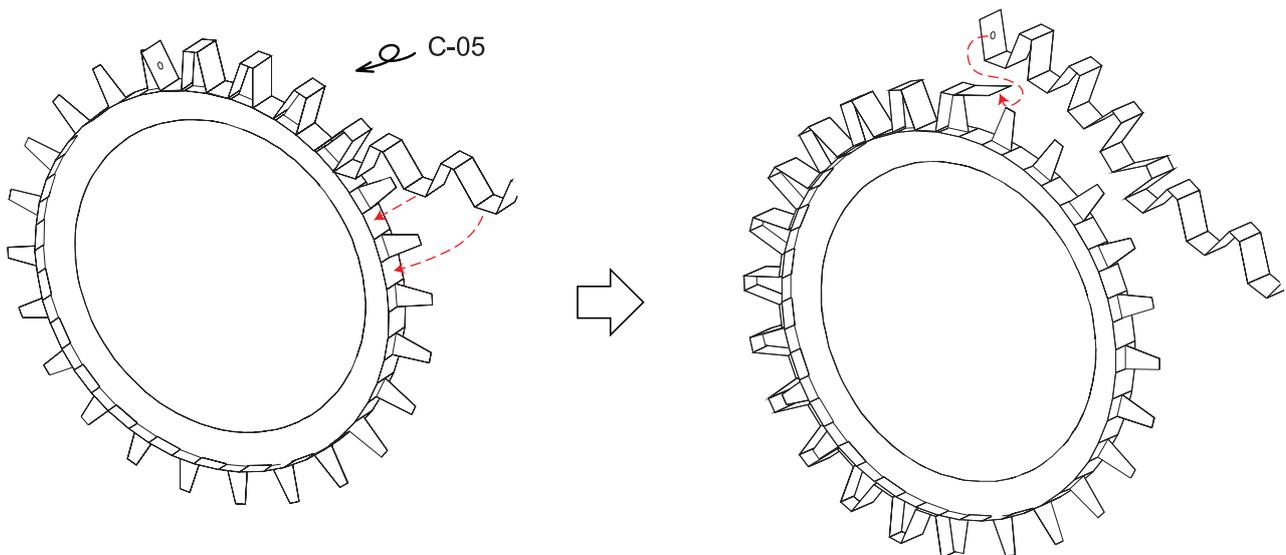
- ! A slit is extended for a while with a thin nib. If possible, do not fold a teeth.

②



- Refer to a figure and make "C-05".
- ! It is an object for practice with a color.

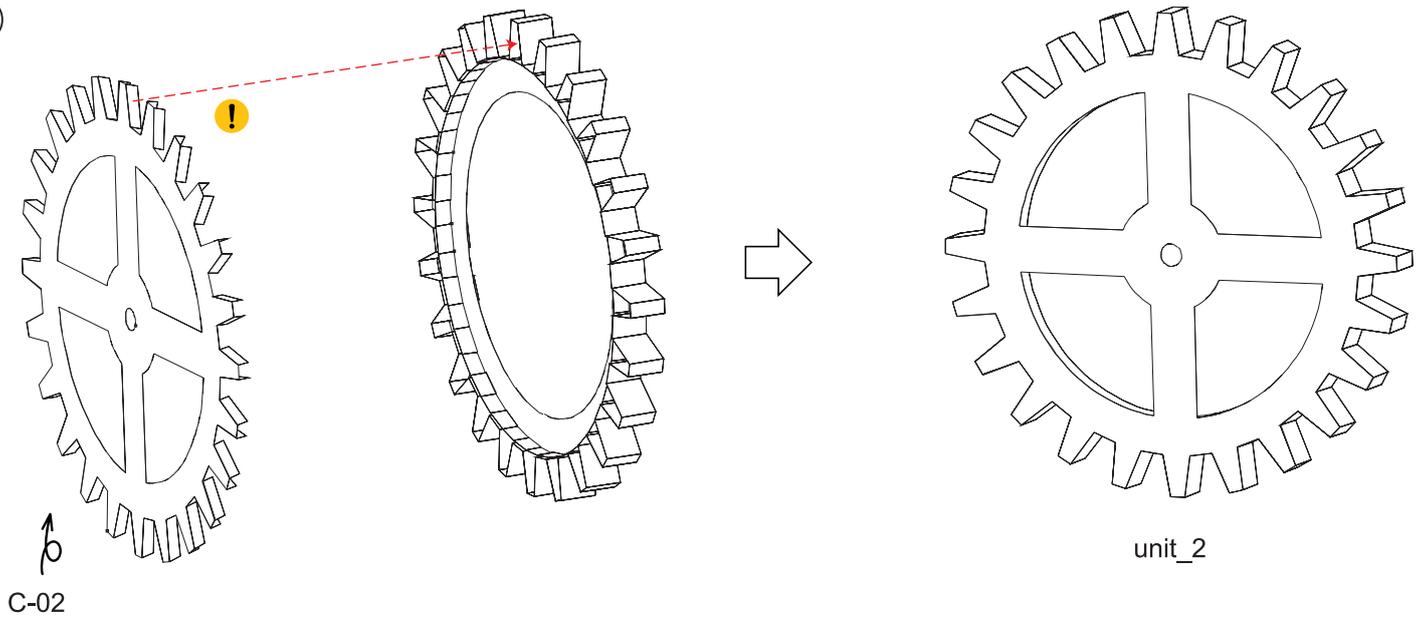
③



- Glue "C-05" to unit_1.

24teeth Gear

④

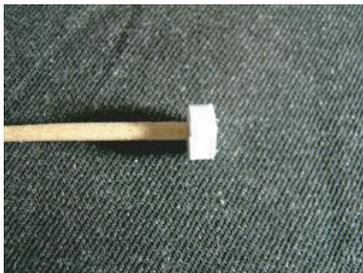


! Glue teeth in order of a diagonal line.

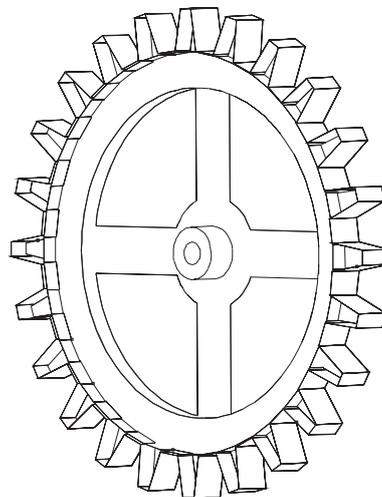
⑤



!



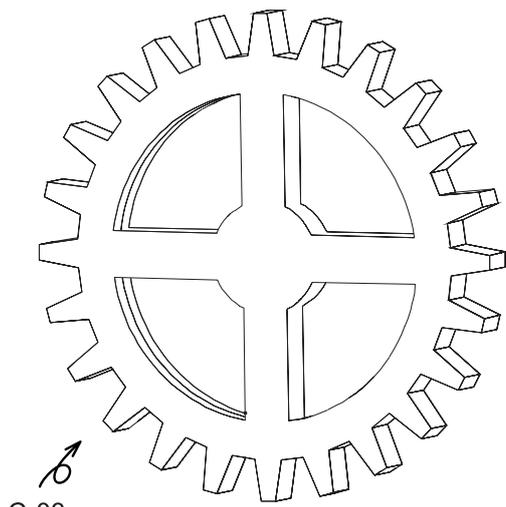
- A bearing is made.
"C-06" is twisted around a skewer 3mm in diameter.
It extracts, before paper and a stick adhere.
- Glue bearing to unit_2.
- ! There is three "C-06".
However, it is only one sheet to use it.
Remainder is a reserve.



unit_3

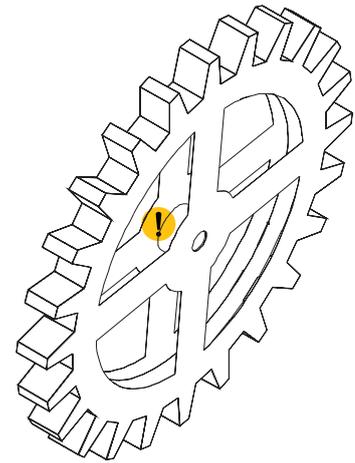
24teeth Gear

⑥



Surface

Back



C-03

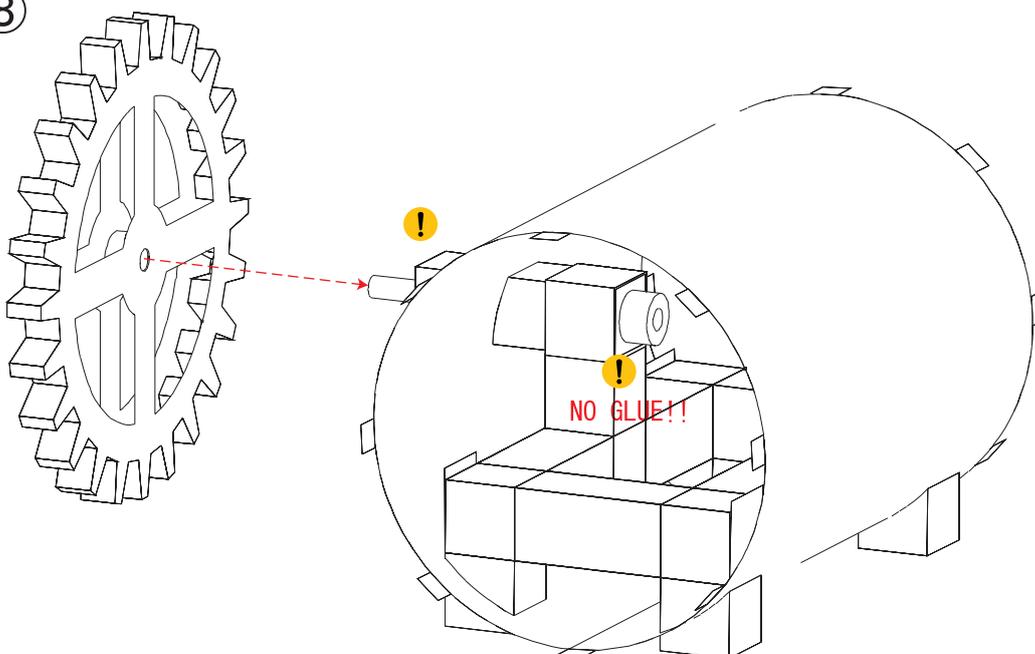
- Glue "C-03" to unit_3 like ④.
- ⚠ Although it is a narrow crevice, glue using a thin spatula etc.

⑦



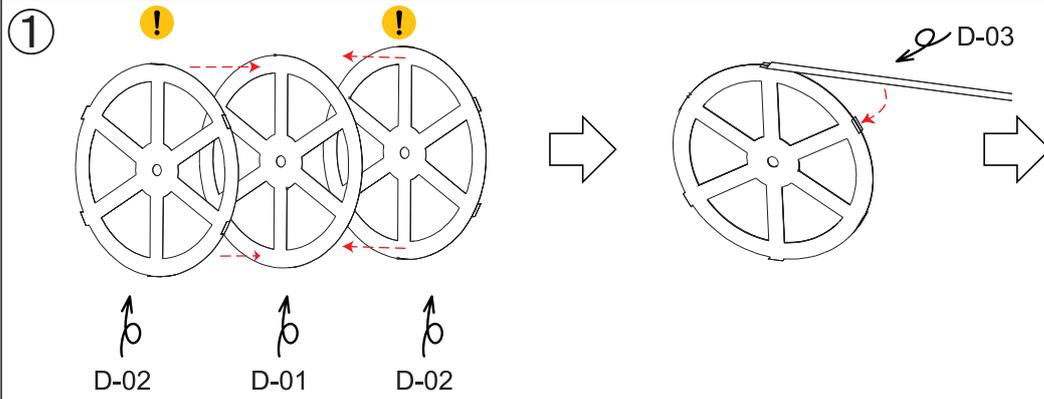
- Put and cut the mark on a skewer using the printed ruler. (shaft gear 24teeth)
- Roll and Glue "C-07" (one piece) at blue.

⑧

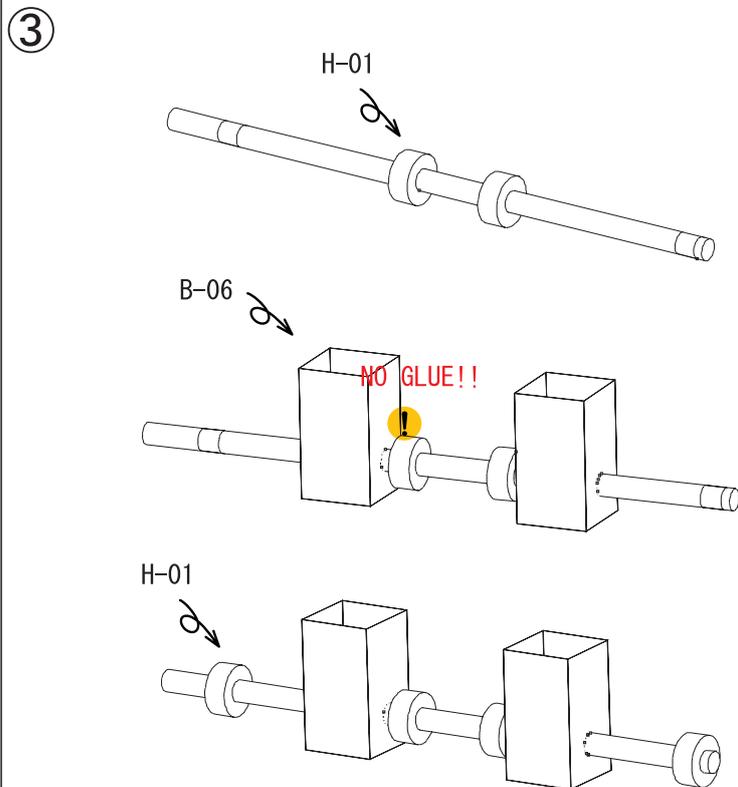
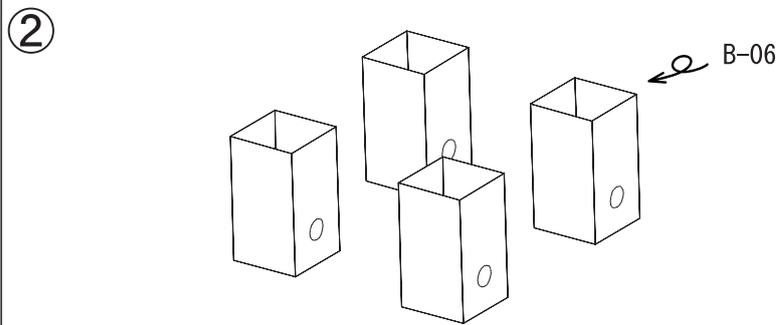


- ⚠ It is cautious of glue. The axel rod itself rotates.

Wheel



! It glues, after bending the tab of "D-02".

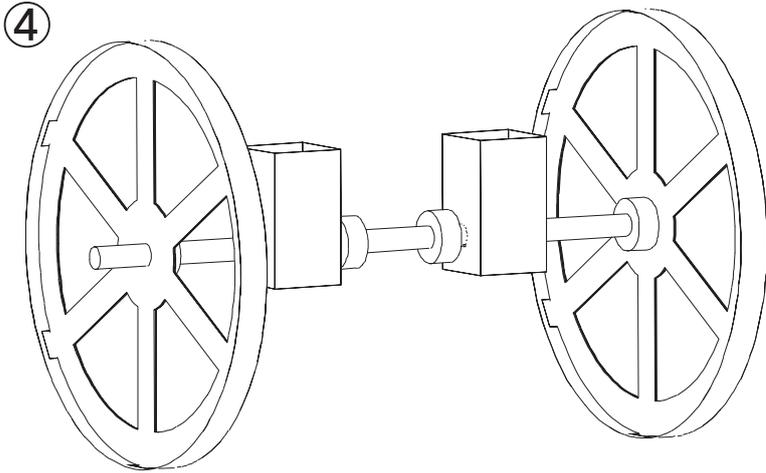


- Put and cut the mark on a skewer using the printed ruler. (axel rod - wheel)

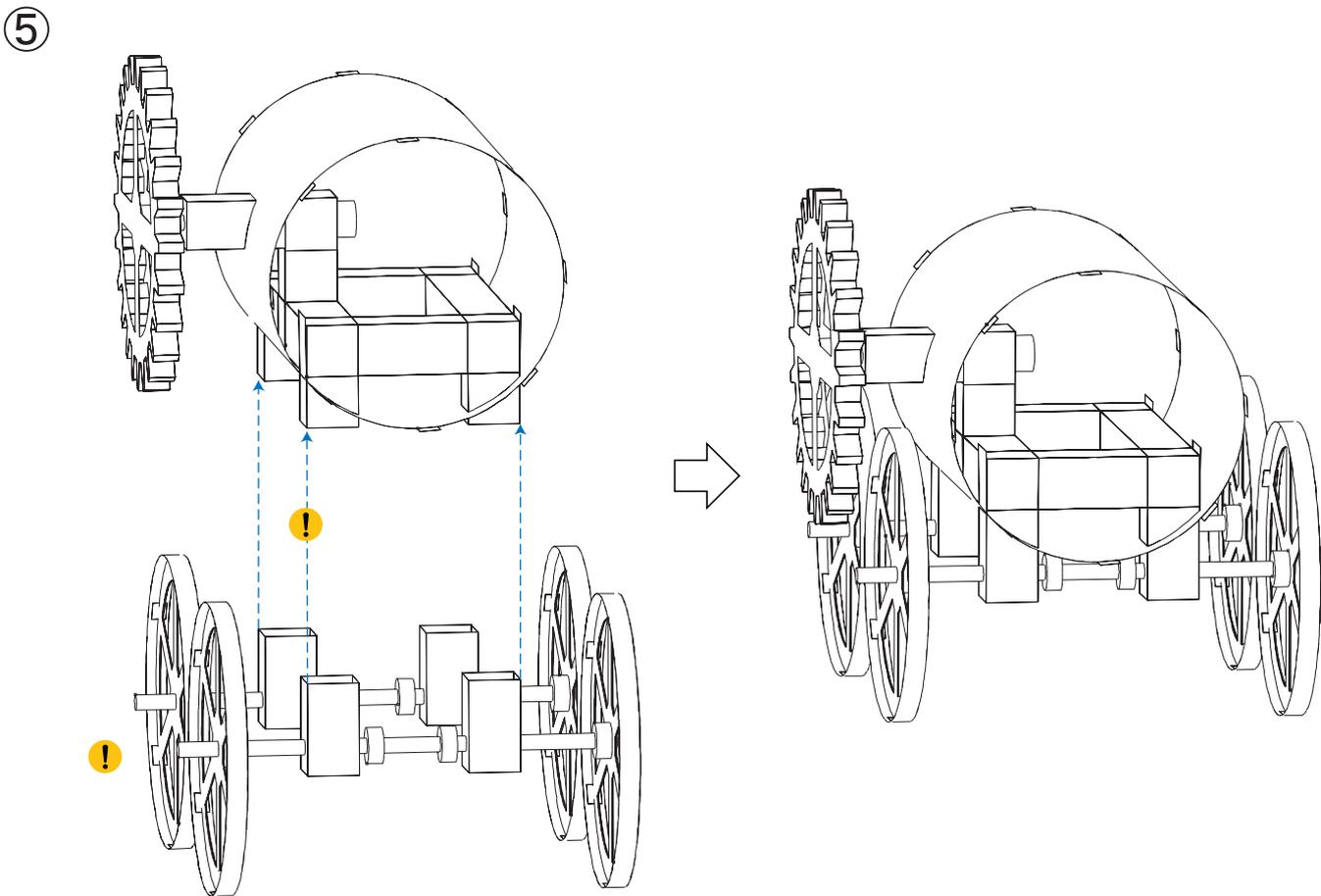
Roll and Glue "H-01" at central blue.

- Roll and Glue "H-01" at outside blue.

Wheel



- Glue wheel to bearing.



- ! Glue is unnecessary.
However, if it is loose and separates, glue with.
- ! It is careful in the direction of an axel rod.
The one where remainder is longer is a gear side.

Body

①

main pillar

B-08 with a hole

B-07

B-20

B-08 hole-less

- Put and cut the mark on a skewer using the printed ruler. (main pillar)
- Roll and Glue "B-20" at blue.

②

B-02

B-02

! Be careful not to forget to open a slit of "B-02".

③

B-05

B-05

! Insert tabs in slit.
The tab which came out is bent and it glue with.

Body

