



ULTRA REALISTIC PAPER CRAFTS

R1M

Assembly Instructions

vol.5 **Tire** | Front & rear tire, Seat, Tail, Rear brake caliper, Stand ...



Please follow these assembly instructions, cross-checking the part numbers on the parts sheet.

Assemble all the parts from vol.1 to vol.5.

A realistic recreation of the YZF-R1M will be the result.



We recommend to print out the parts data on A4 inkjet printer paper for paper-craft, sturdy paper or card.

This file provides assembly instructions. Please download the parts data separately.

1 To begin

Tools and materials needed

-Ruler - scissors - blade cutter or "Exacto-knife" - awl or other pointed tool - Embosspen - Transer (for making a folding crease) - Felt pen - Pin set - Glue - Hand towel (for cleaning your fingers) - dictionary or other heavy book (to press the papers flat).

Items of Caution

*Take care when using sharp or pointed objects or when using bladed cutting tools. Place a heavy sheet of paper under the paper you want to cut.

*Use glue and other adhesives only in well-ventilated areas.

*When printing, use a slightly reduced font size. There may be differences in dimensions, depending on the type of printer used.

2 How to assemble

*Follow the working method and markings carefully.

*Cut carefully along the outer line with cutting blade, Exacto-knife or scissors.

One-point Advise

*Cut carefully with cutting blade, Exacto-knife or scissors.

*For folding parts, first use an awl or other pointed tool to make a light crease along the dotted or solid line. This will make the folds straight. Avoid making strong creases, as this will cause the paper to tear.

*As an adhesive, white wood glue is recommended. Avoid over application as this may cause the paper to wrinkle.

*Before beginning assembly, test adhesive amounts on extra paper.

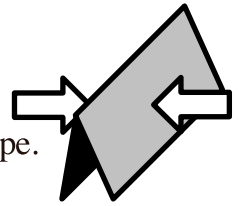
*Occasionally, white spots will be apparent on folds and cuts. Use a marker or pencil to fill in these spots. It is recommended that this be done after each stage of assembly because coloring becomes more difficult once parts are assembled.

Basic working method and markings

Solid lines

Fold along these lines.

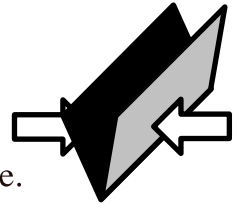
The printed surface should be on the outside of the folded shape.



Broken lines

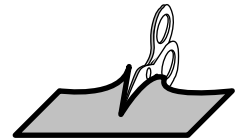
Fold along these lines.

The printed surface should be on the inside of the folded shape.

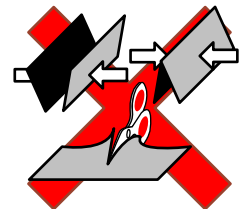


Dotted lines

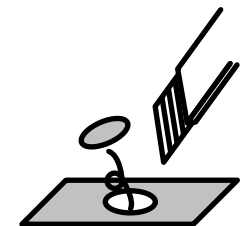
Cut along these lines.



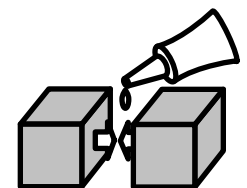
Do not fold or cut the parts marked X.



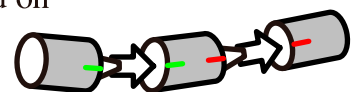
Cut out parts marked with an asterisk(*).



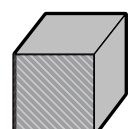
Red dots are the reference positions for gluing surfaces.



Please glue them by aligning the red and red/blue and blue parts if they are marked on the paper.



These shaded areas indicate where glue should be applied.



3 Assembly of the Seat

Please refer to the “Basic working method and markings” symbol chart on Page 2 to assemble each part.

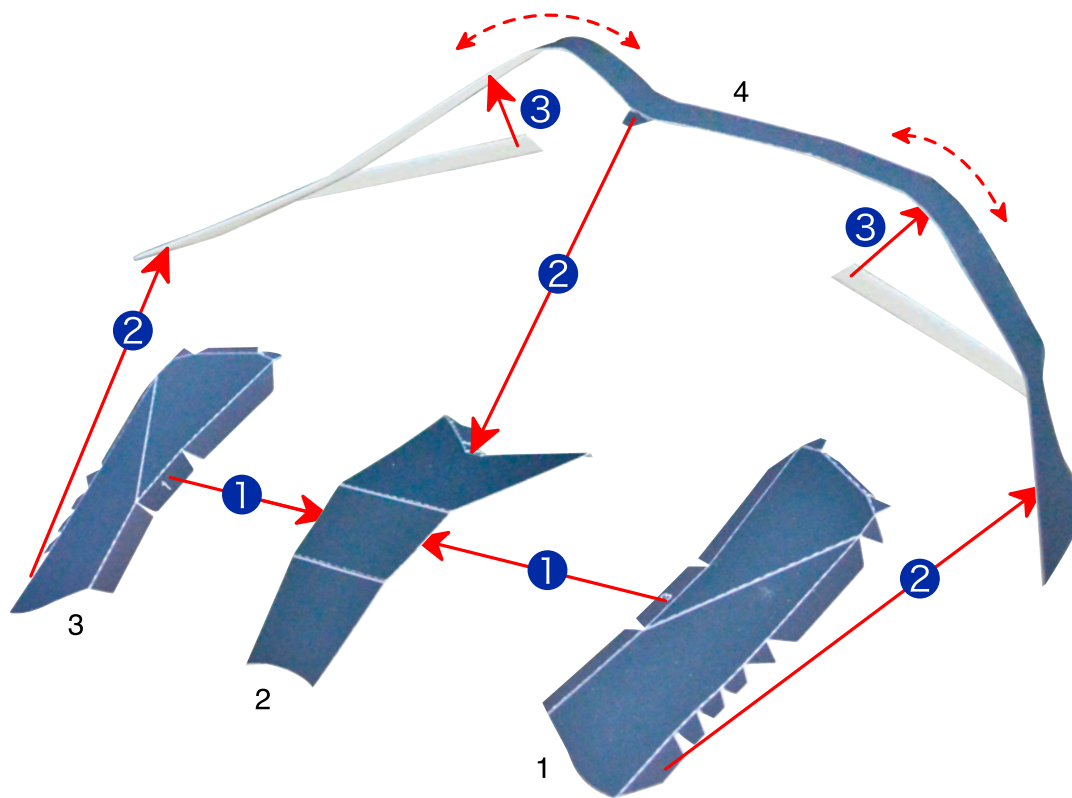
 Fold or Curve

 Glue

 Insert

 Gluing surfaces

Glue in order from 1 to 3 on the graphic.



〈 Reference photo 〉



3 Assembly of the Seat Cowl

Please refer to the "Basic working method and markings" symbol chart on Page 2 to assemble each part.

--->
Fold or Curve

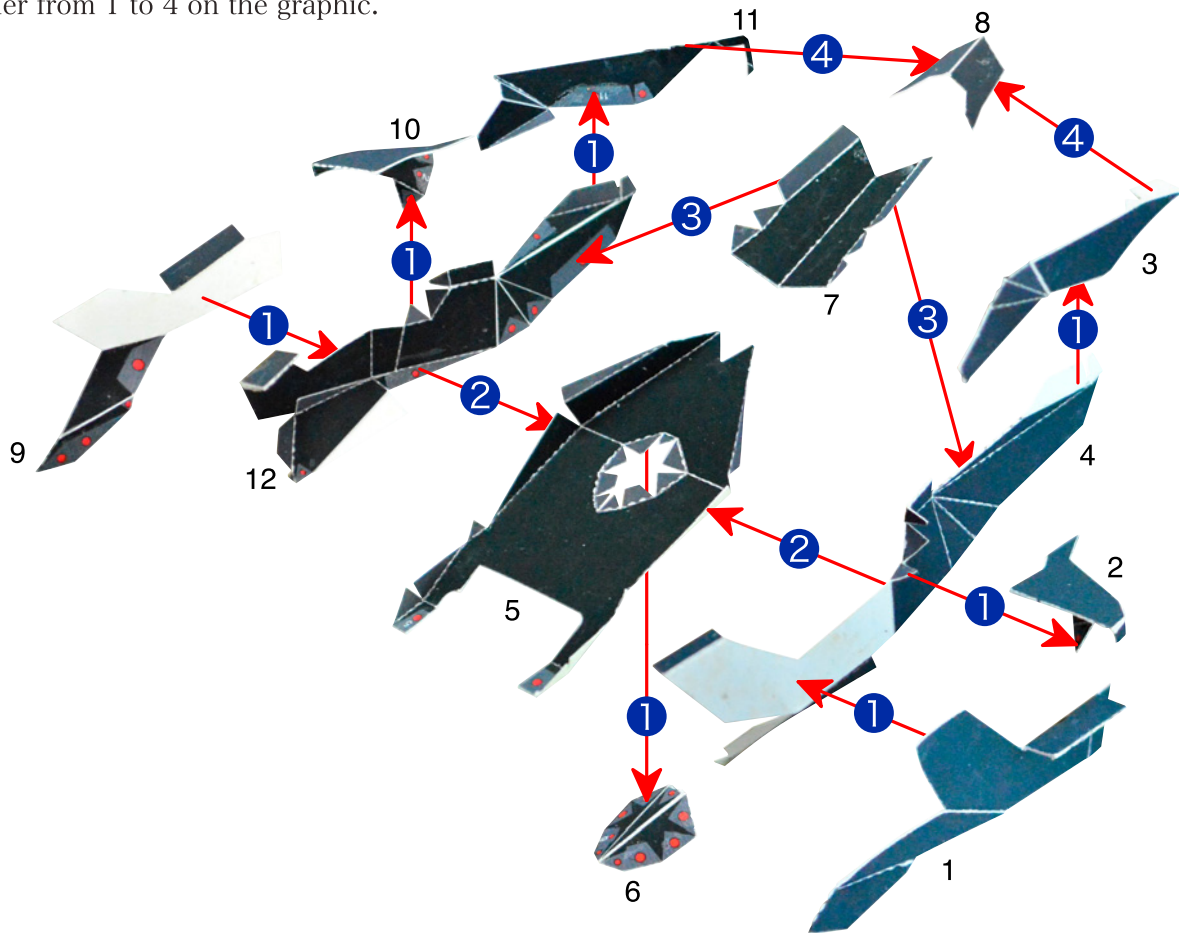
→
Glue

↔
Insert

●
Gluing surfaces

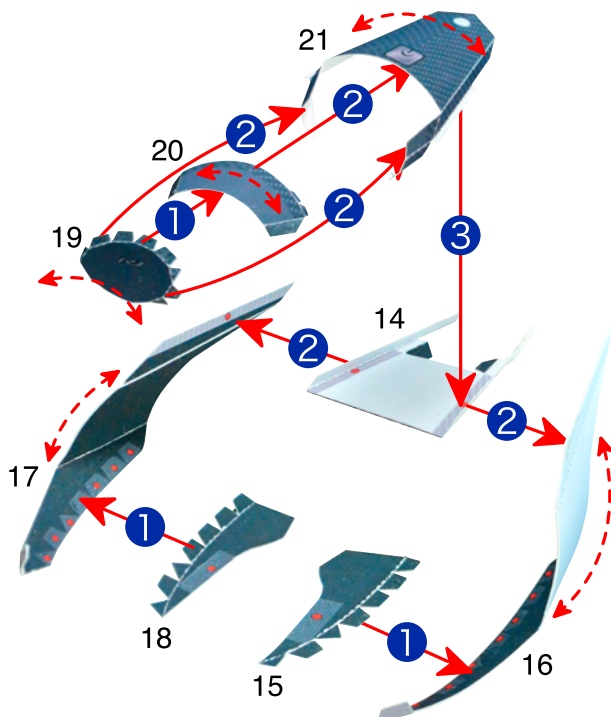
Seat Cowl A

Glue in order from 1 to 4 on the graphic.



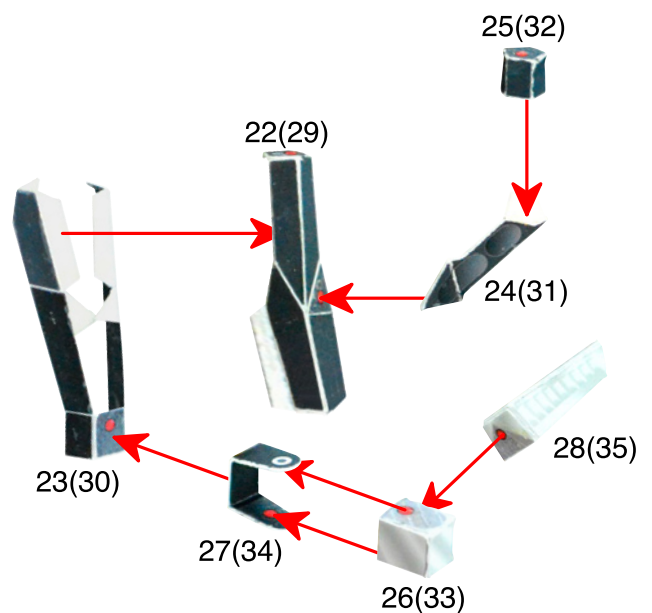
Seat Cowl B

Glue in order from 1 to 3 on the graphic.



Seat Cowl C

Assemble both sides. The diagram show the left side. The numbers inside the () are for the right side.



Please refer to the “Basic working method and markings” symbol chart on Page 2 to assemble each part.

 Fold or Curve

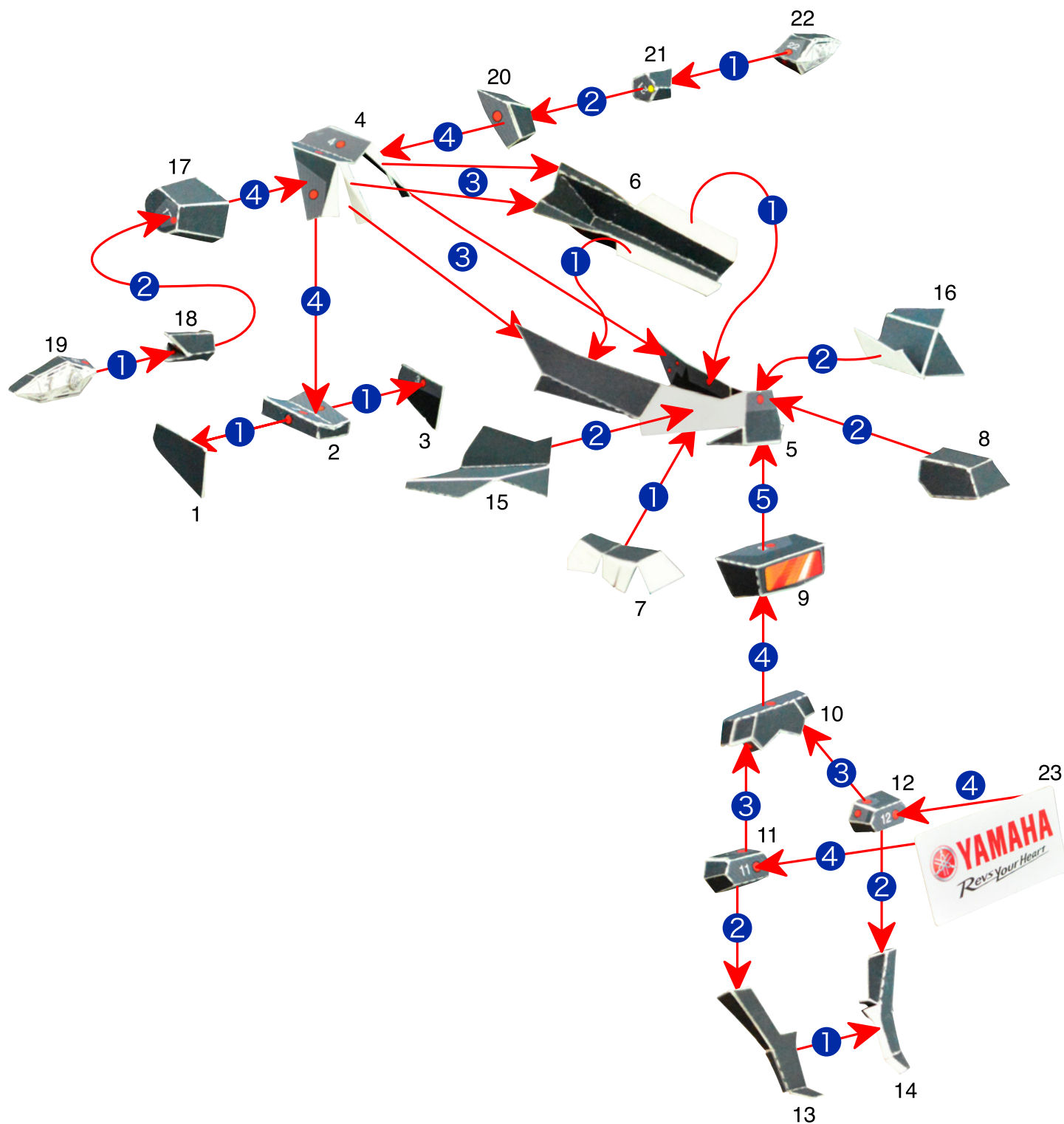
 Glue

 Insert

 Gluing surfaces

Tail

Glue in order from 1 to 5 on the graphic.



Please refer to the “Basic working method and markings” symbol chart on Page 2 to assemble each part.

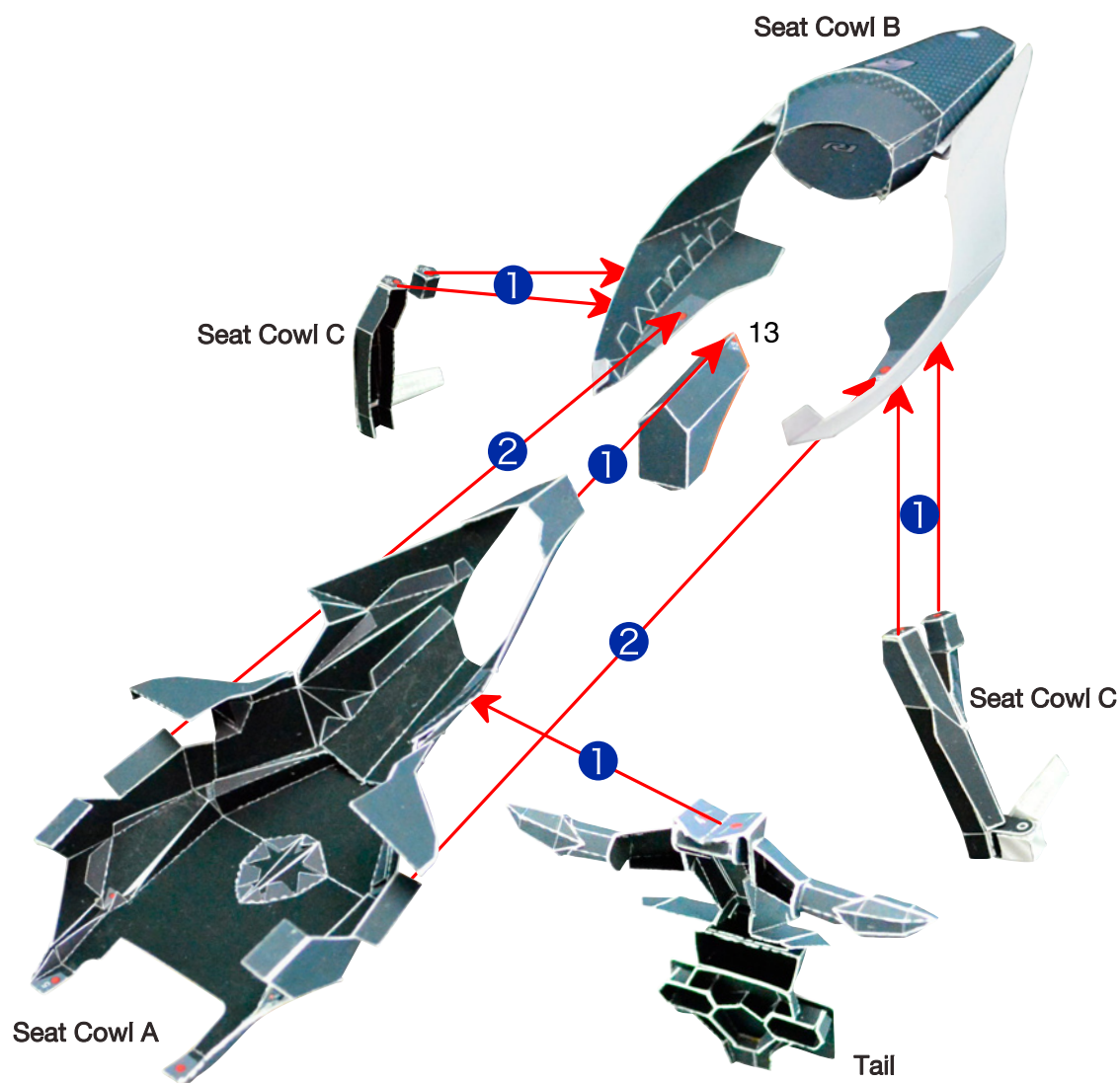
 Fold or Curve

 Glue

 Insert

 Gluing surfaces

Glue in order from 1 to 2 on the graphic.



〈 Reference photo 〉



3 Assembly of the Front wheel

Please refer to the "Basic working method and markings" symbol chart on Page 2 to assemble each part.

--->
Fold or Curve

→
Glue

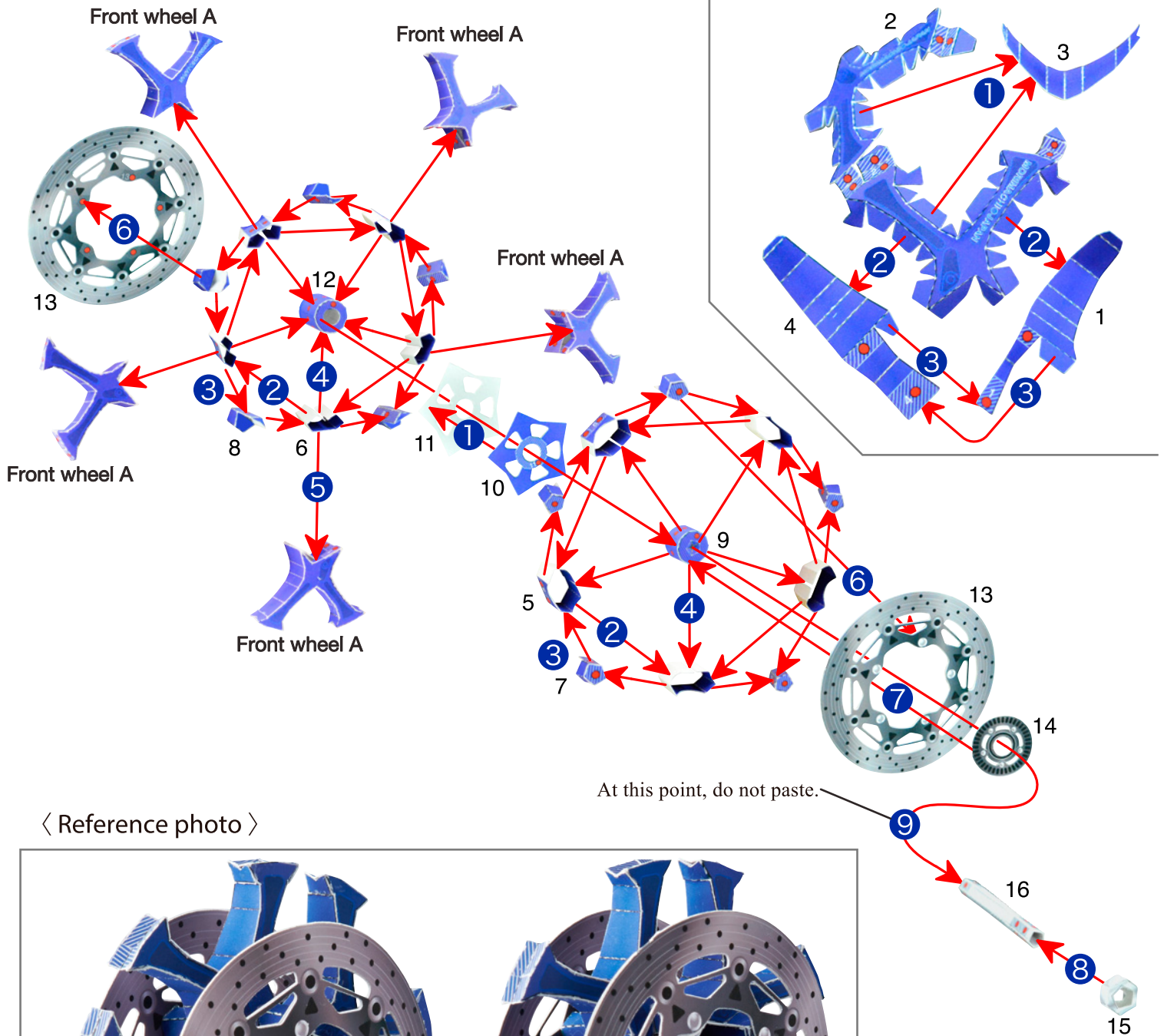
↔
Insert

●
Gluing surfaces

Glue in order from 1 to 9 on the graphic.

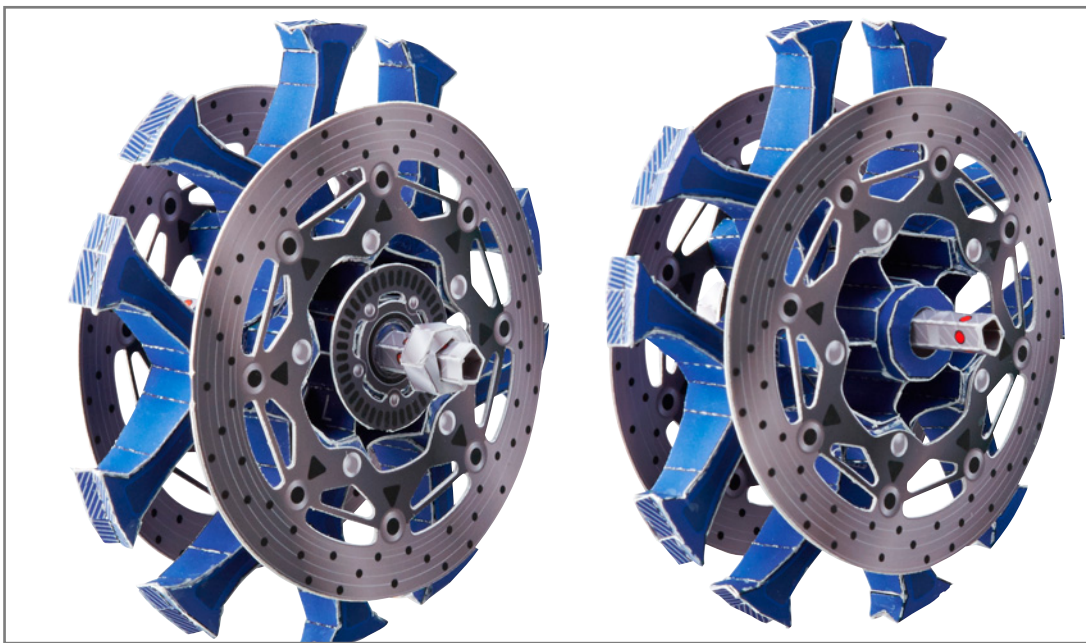
Front wheel A

Glue in order from 1 to 3 on the graphic.



At this point, do not paste.

< Reference photo >



3 Assembly of the Front Tire

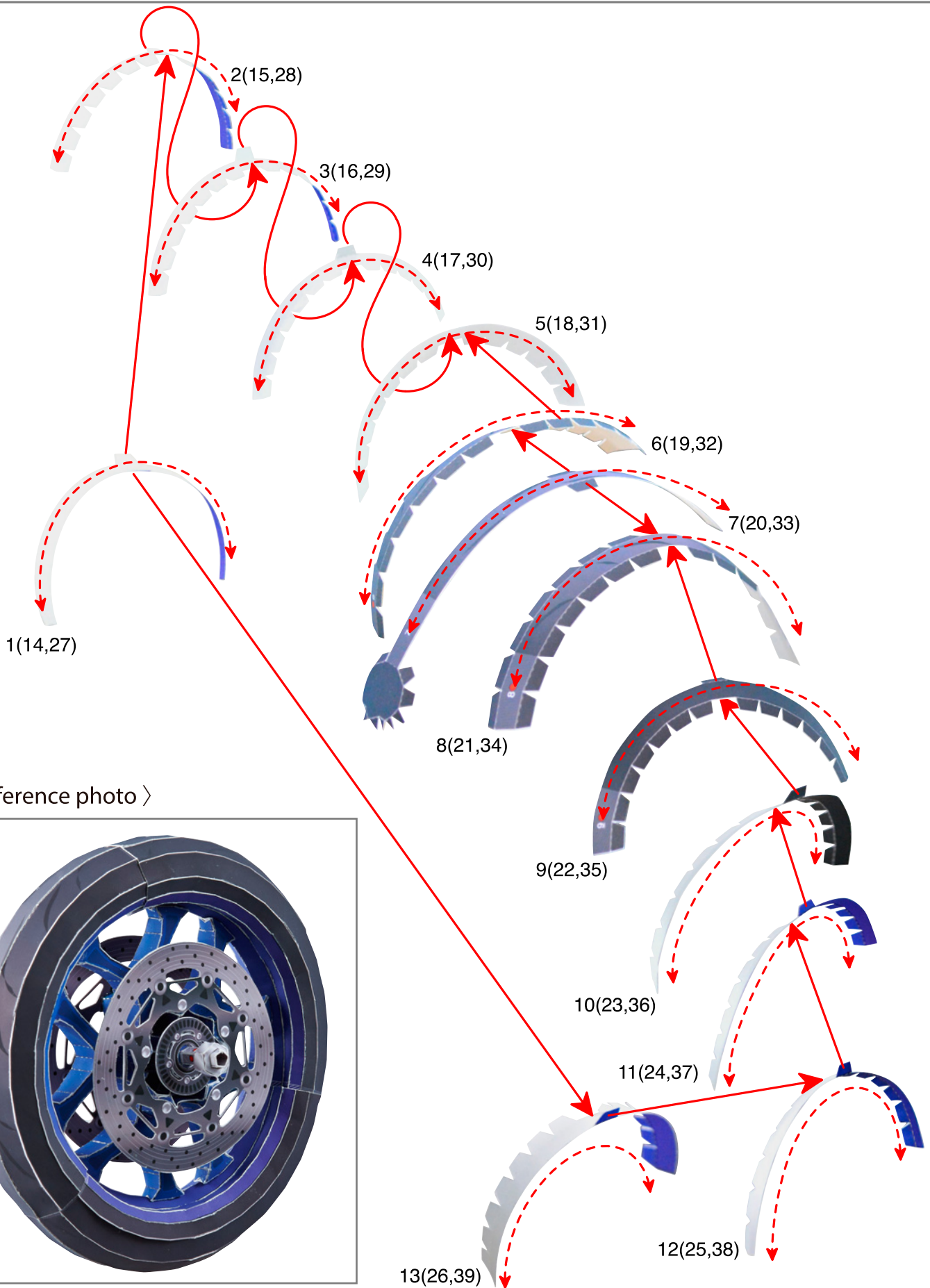
Please refer to the "Basic working method and markings" symbol chart on Page 2 to assemble each part.

--->
Fold or Curve

→
Glue

↔
Insert

●
Gluing surfaces



3 Assembly of the Rear Brake Caliper& Rear wheel

Please refer to the “Basic working method and markings” symbol chart on Page 2 to assemble each part.

 Fold or Curve

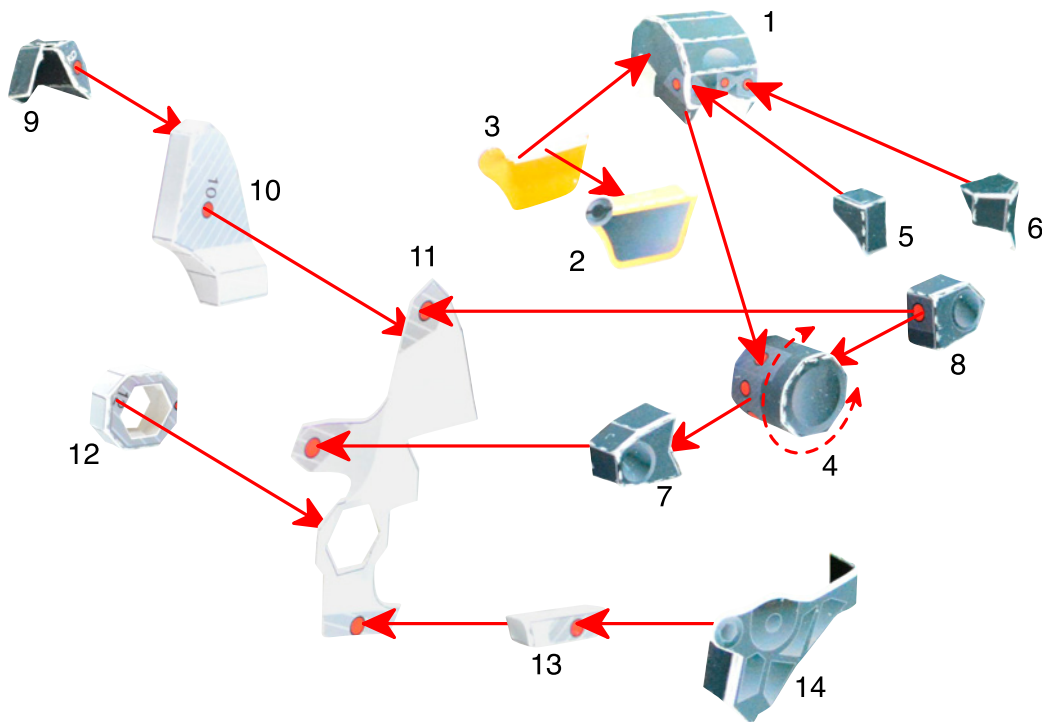
 Glue

 Insert

 Gluing surfaces

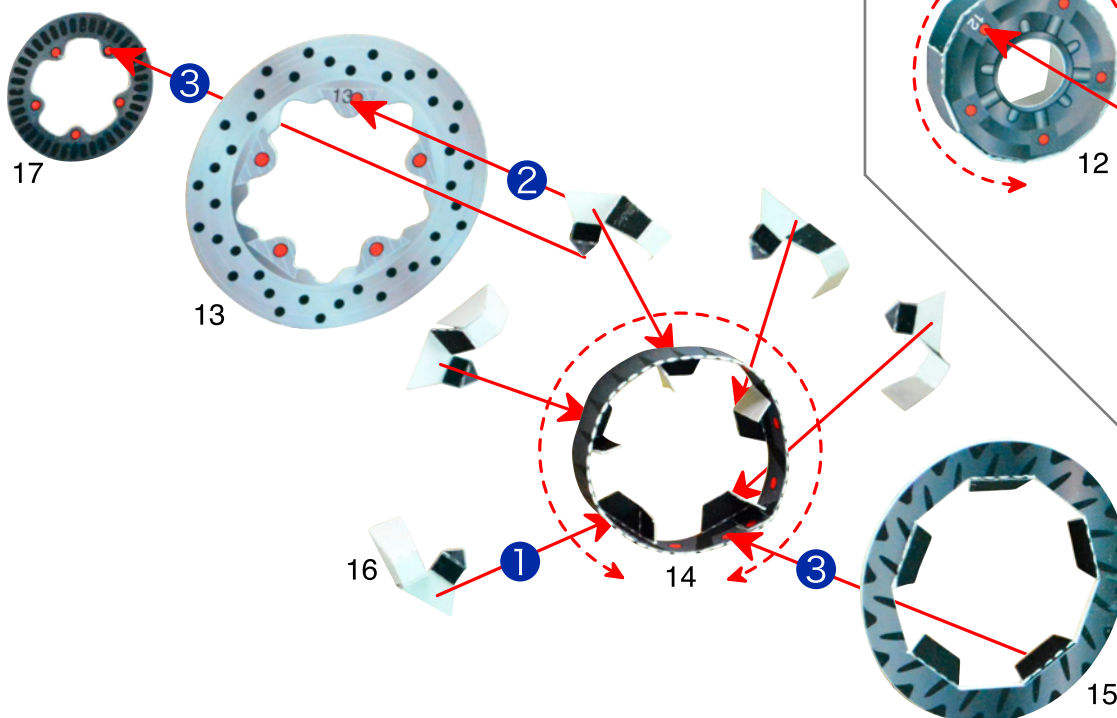
Rear Brake Caliper

< Reference photo >

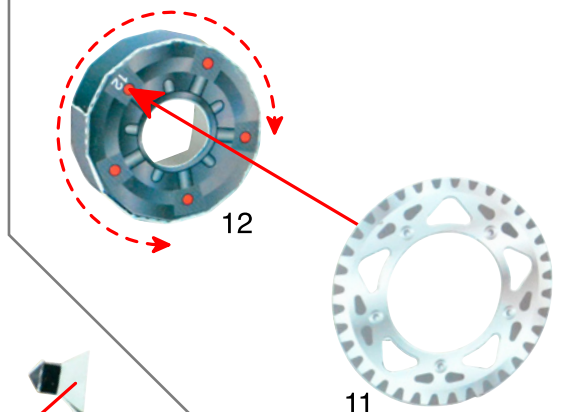


Rear wheel A

Glue in order from 1 to 3 on the graphic.



Rear wheel B



 Fold or Curve

 Glue

 Insert

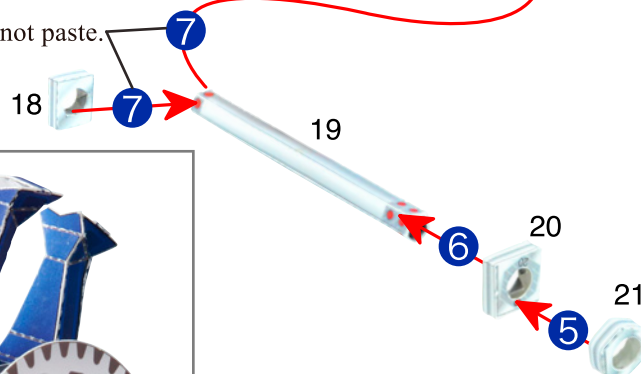
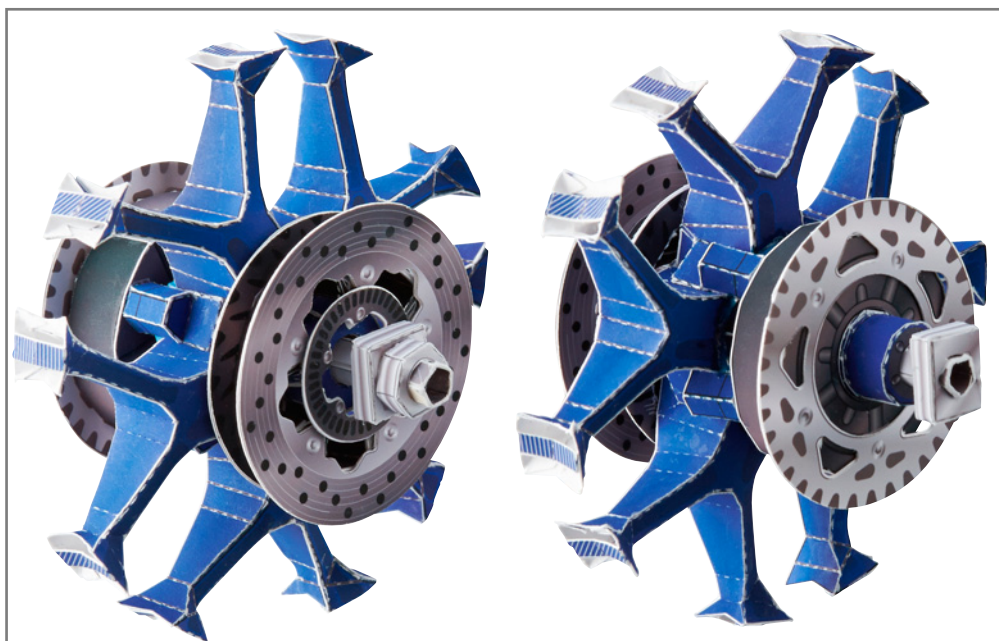
 Gluing surfaces

Rear wheel C

Diagram illustrating a 10-link mechanism with 10 numbered joints (1-10) and labels for 'Rear wheel A' and 'Rear wheel C'. The mechanism consists of 10 links (blue and white) connected by 10 revolute joints. The joints are numbered 1 through 10. The mechanism is shown in a perspective view, with a top-down view of the mechanism's footprint in the bottom left corner. The top-down view shows the arrangement of the links and joints, with labels for 'Rear wheel A' and 'Rear wheel C' indicating the positions of the wheels. The mechanism is a closed chain, with the ground link (link 1) forming the base.

At this point, do not paste.

〈 Reference photo 〉



3 Assembly of the Rear Tire

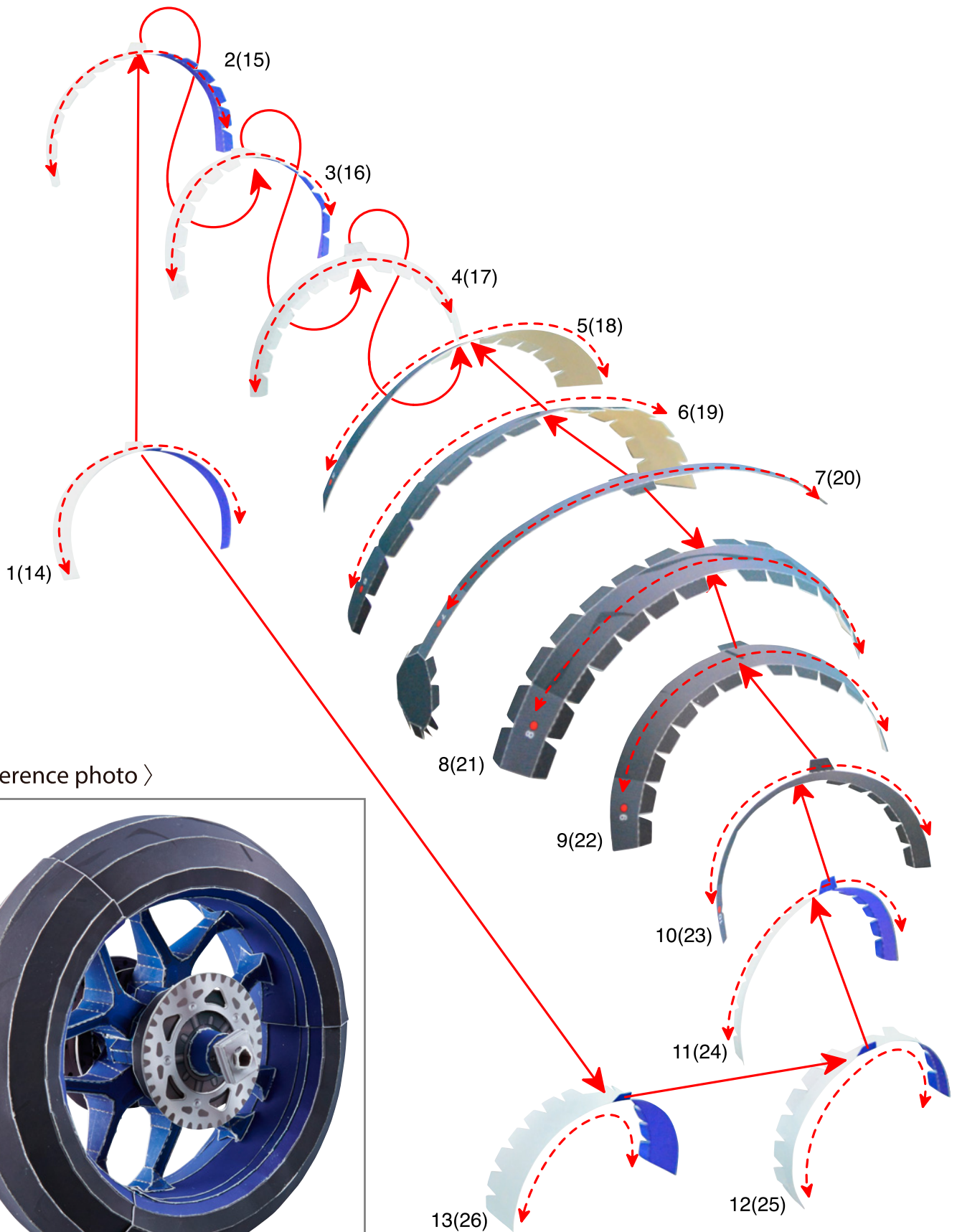
Please refer to the "Basic working method and markings" symbol chart on Page 2 to assemble each part.

 Fold or Curve

 Glue

 Insert

 Gluing surfaces



3 Assembly of the Maintenance Stand

Please refer to the “Basic working method and markings” symbol chart on Page 2 to assemble each part.

--->
Fold or Curve

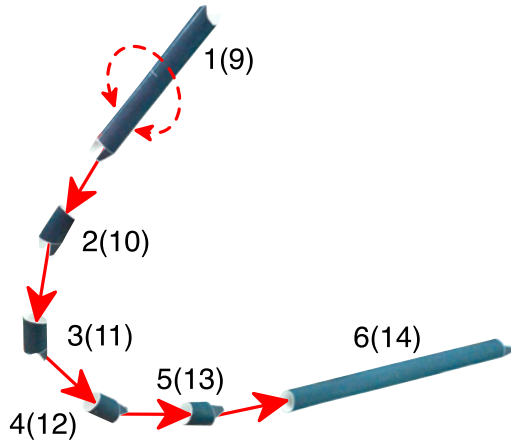
→
Glue

↔
Insert

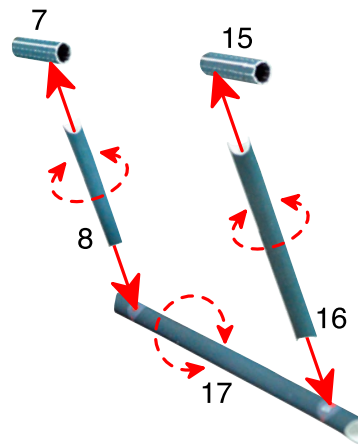
●
Gluing surfaces

Maintenance Stand A

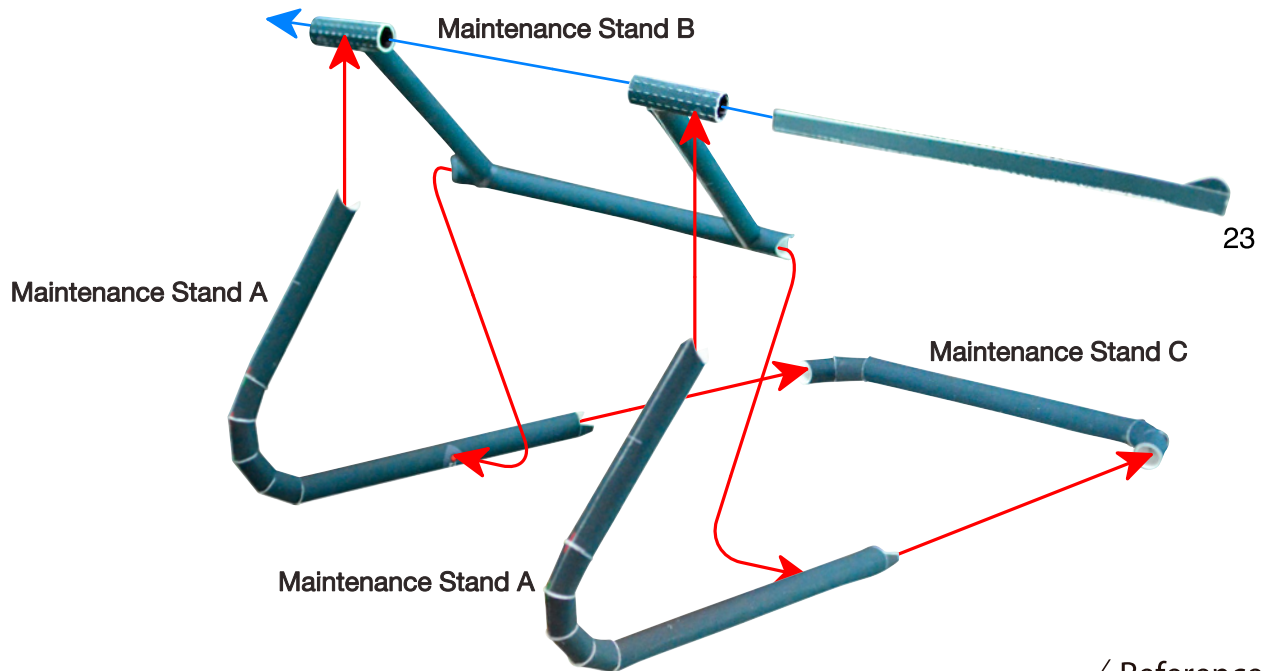
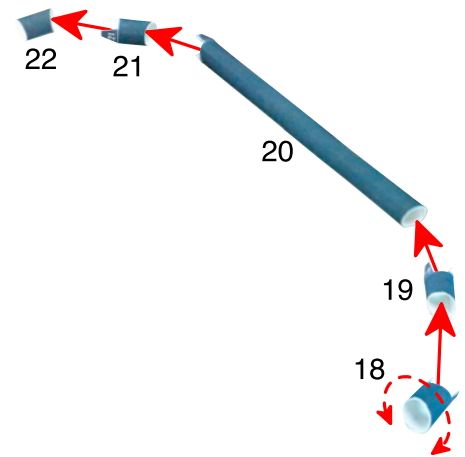
Assemble both sides. The diagram show the left side.
The numbers inside the () are for the right side.



Maintenance Stand B



Maintenance Stand C



〈 Reference photo 〉



4 Assembly of YZF-R1M

Connect each of previously assembled parts in order.

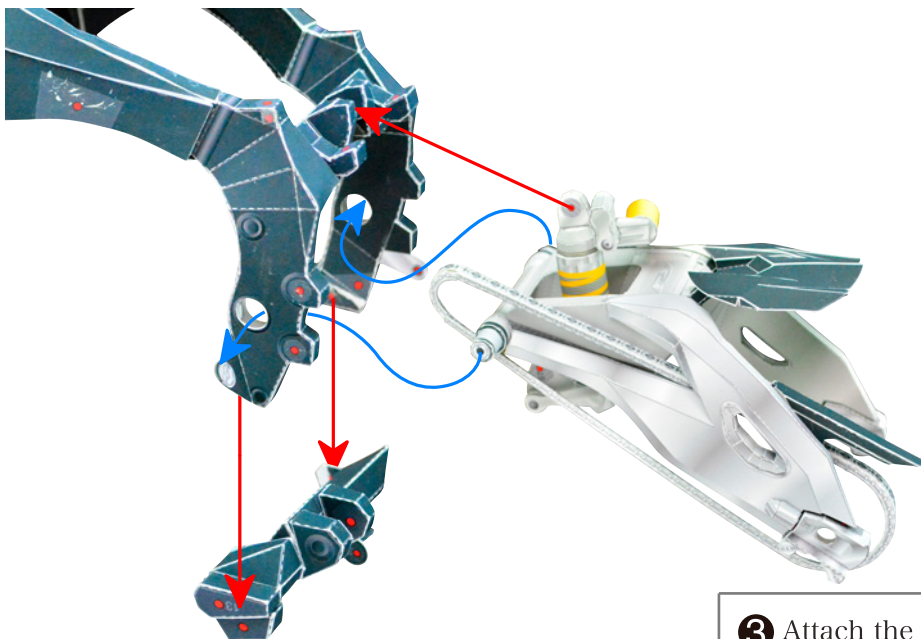
 Fold or Curve

 Glue

 Insert

 Gluing surfaces

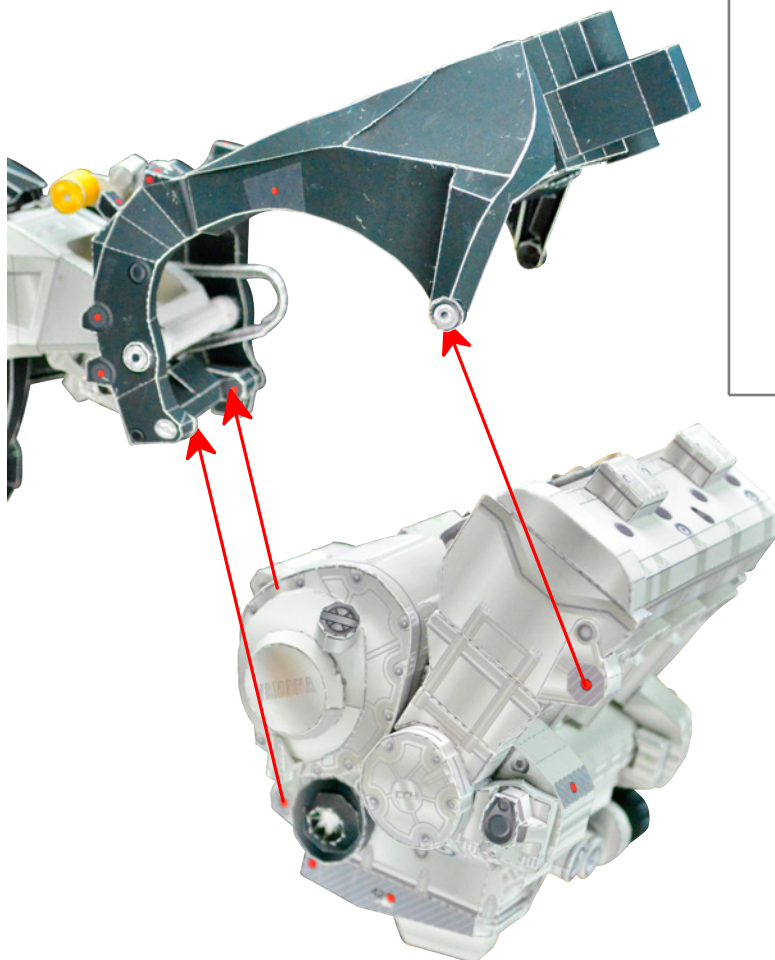
① Attach the rear arm to the frame 1.



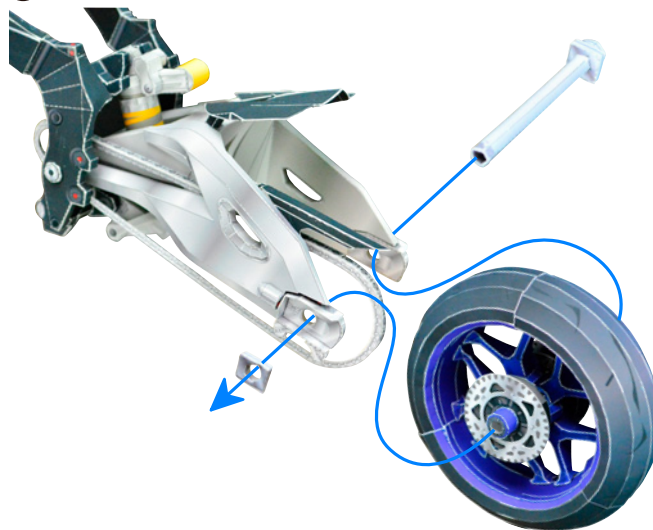
② Attach the rear brake caliper to the rear tire.



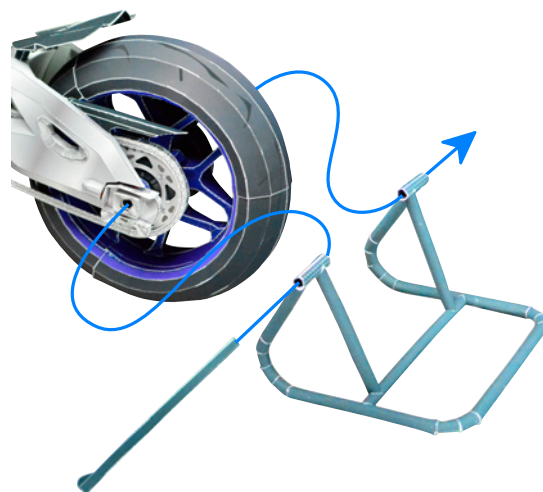
④ Glue the frame1 to the engine.



③ Attach the rear tire to the rear arm.



⑤ Attach the maintenance stand to the rear arm.



Connect each of previously assembled parts in order.

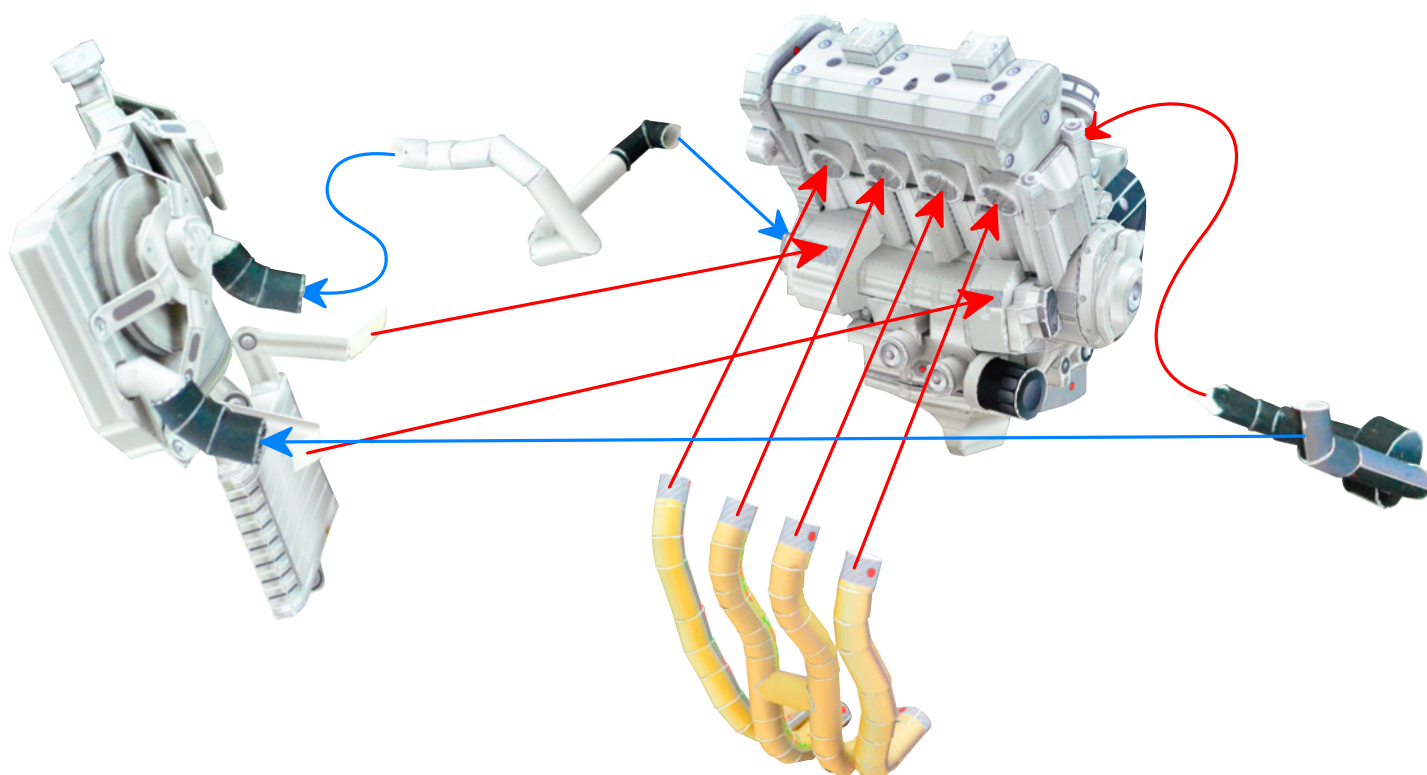

Fold or Curve


Glue

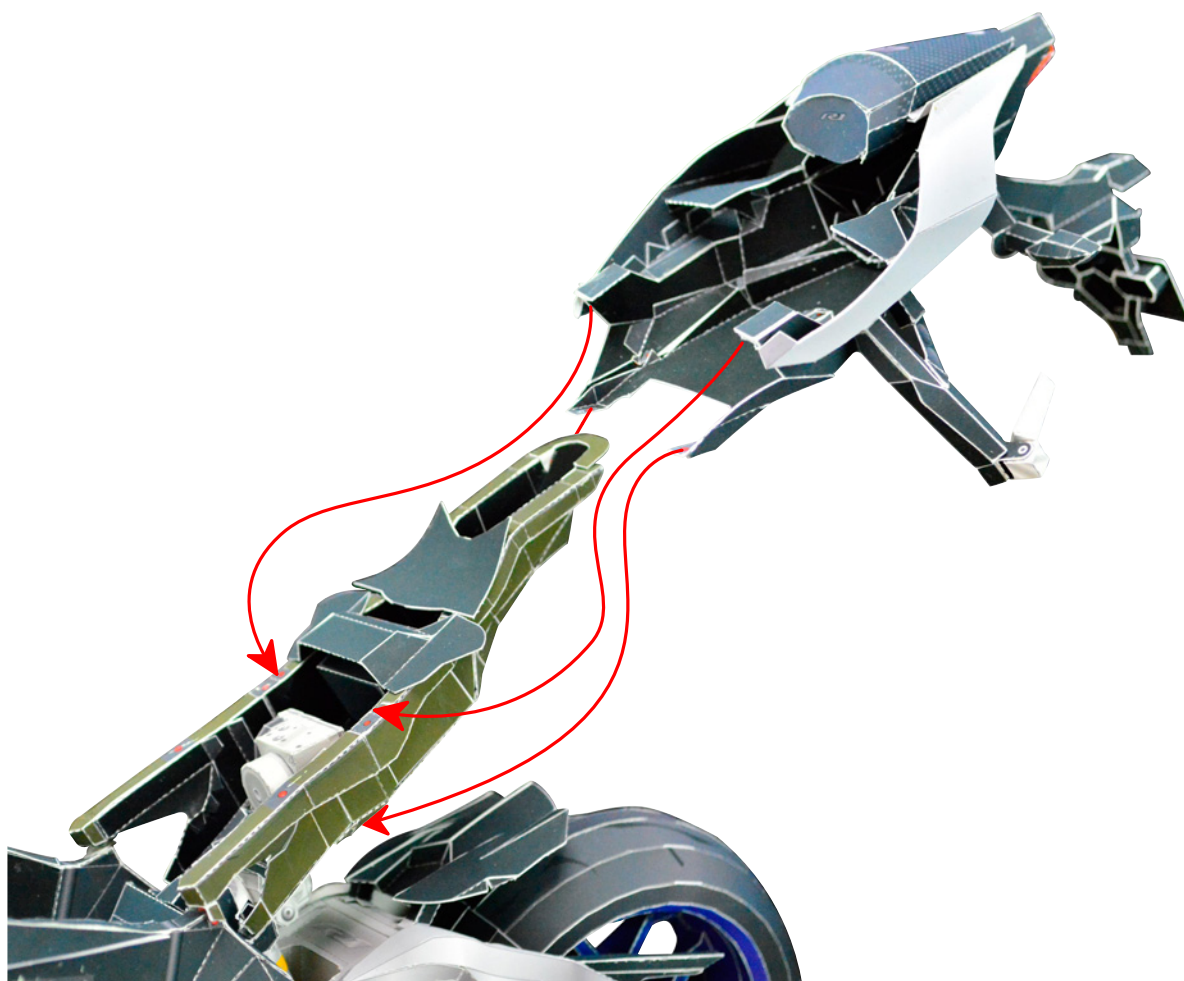

Insert


Gluing surfaces

- ⑥ Attach the radiator to the engine.
- ⑦ Glue the engine to the exhaust pipes D.



- ⑧ Glue the frame2 to the seat cowl.



Connect each of previously assembled parts in order.

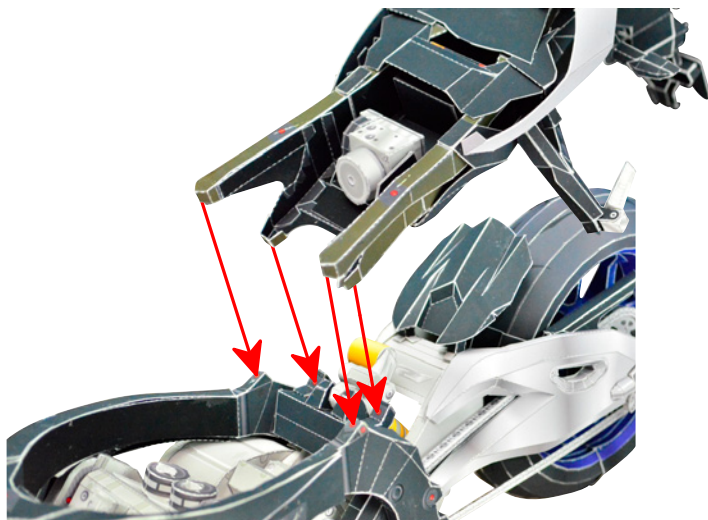
 Fold or Curve

 Glue

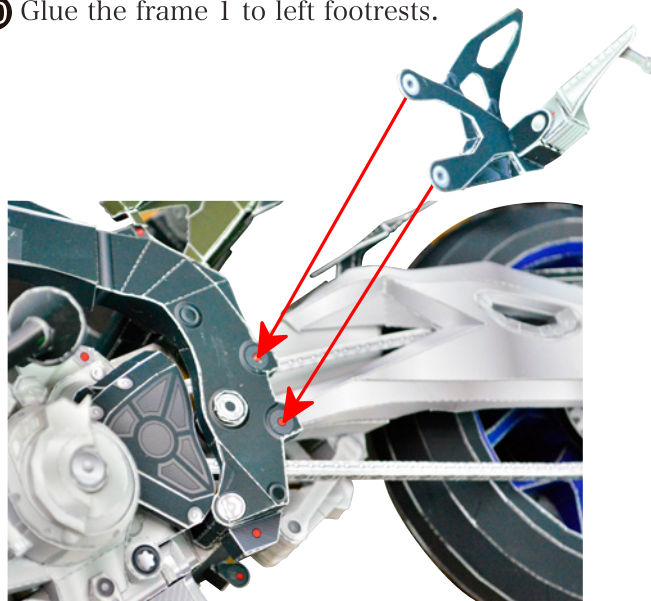
 Insert

 Gluing surfaces

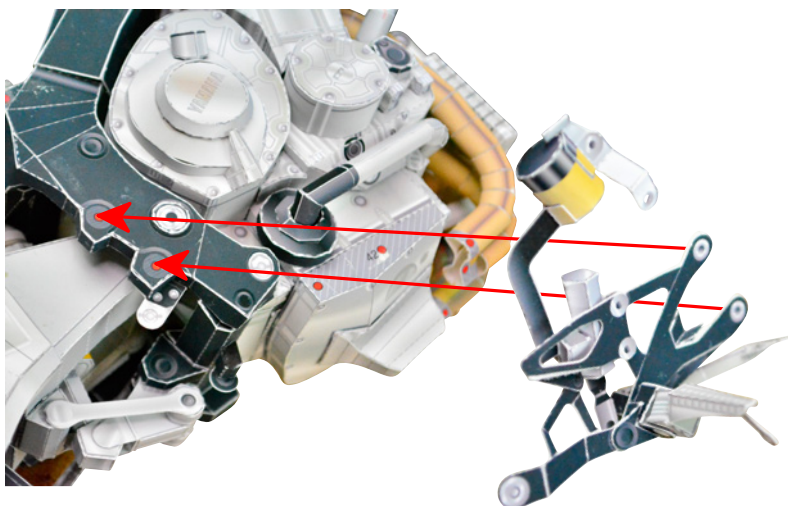
⑨ Glue the frame 1 to frame 2.



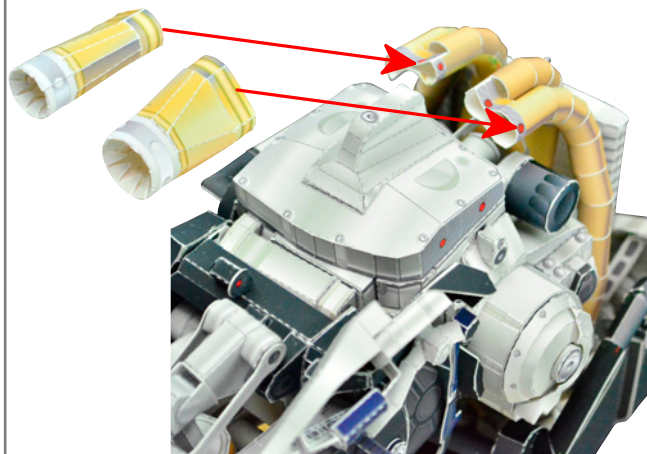
⑩ Glue the frame 1 to left footrests.



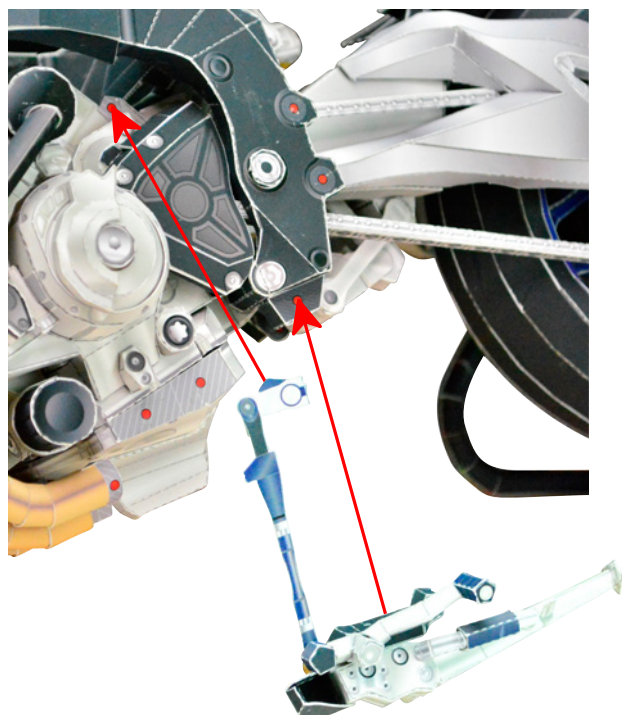
⑪ Glue the frame 1 to right footrests.



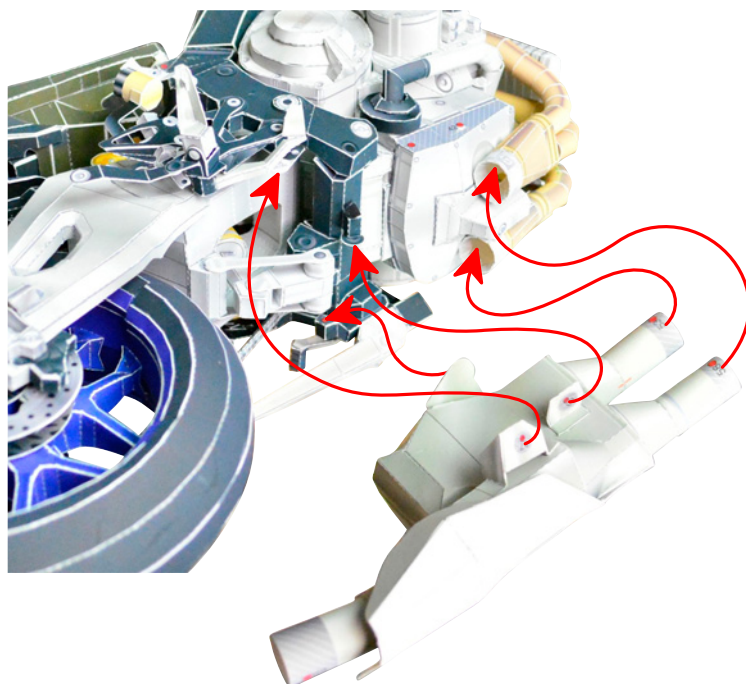
⑬ Glue the exhaust pipes D to the exhaust pipes E.



⑫ Glue the frame 1 to side stand.



⑭ Glue the exhaust pipes E, frame 1 to the exhaust pipes K.



Connect each of previously assembled parts in order.



Fold or Curve



Glue

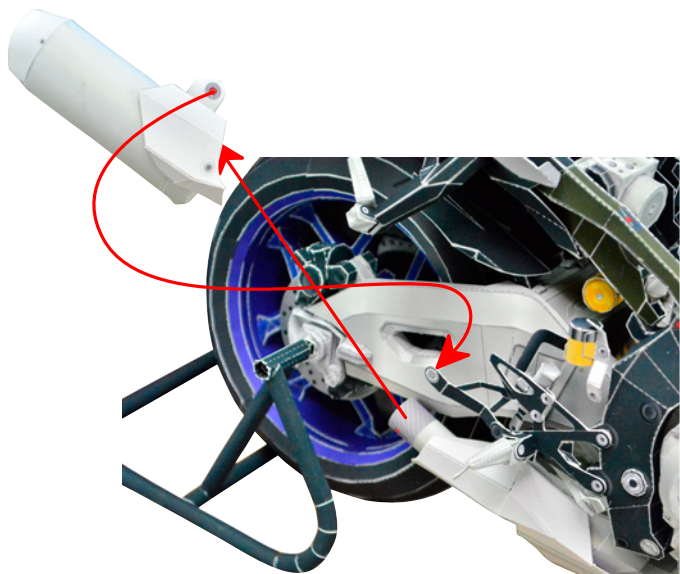


Insert

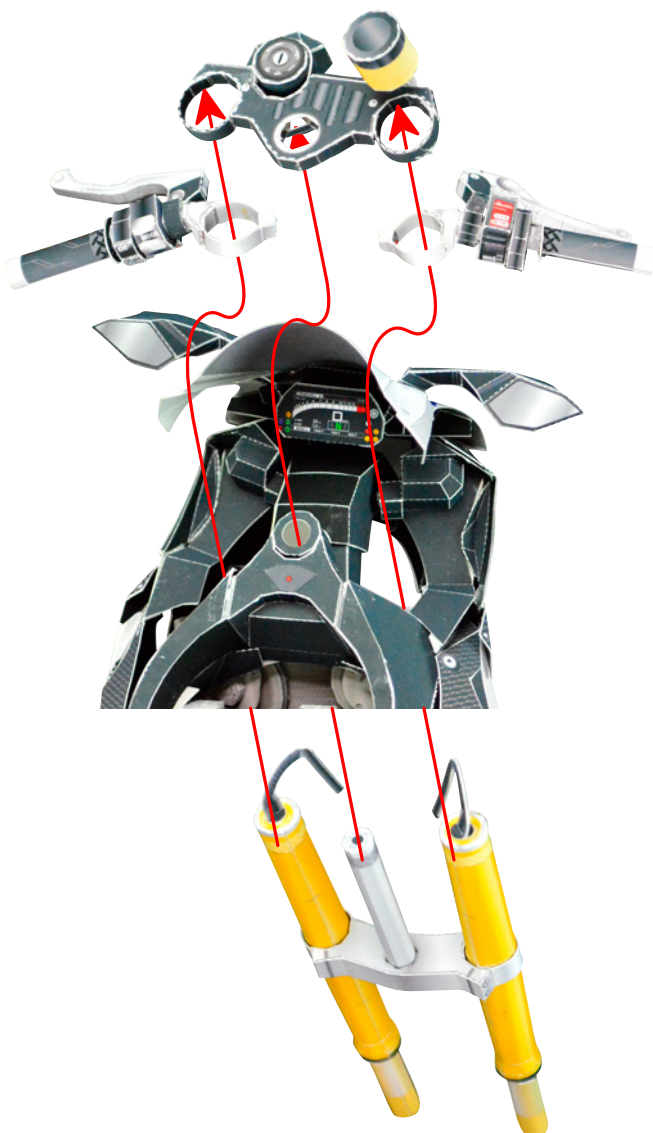


Gluing surfaces

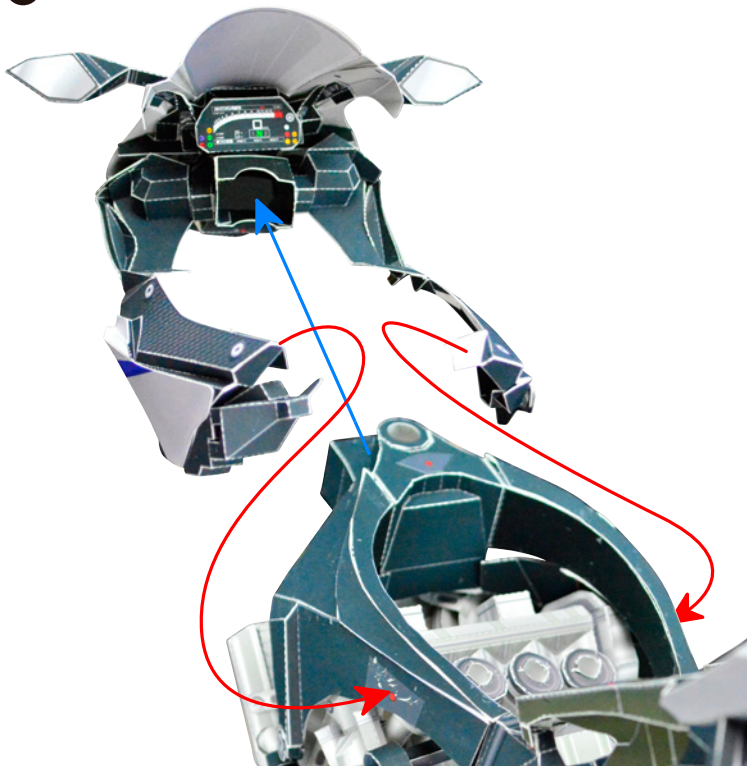
- 15 Glue the exhaust pipes K, right footrests to the exhaust pipes M.



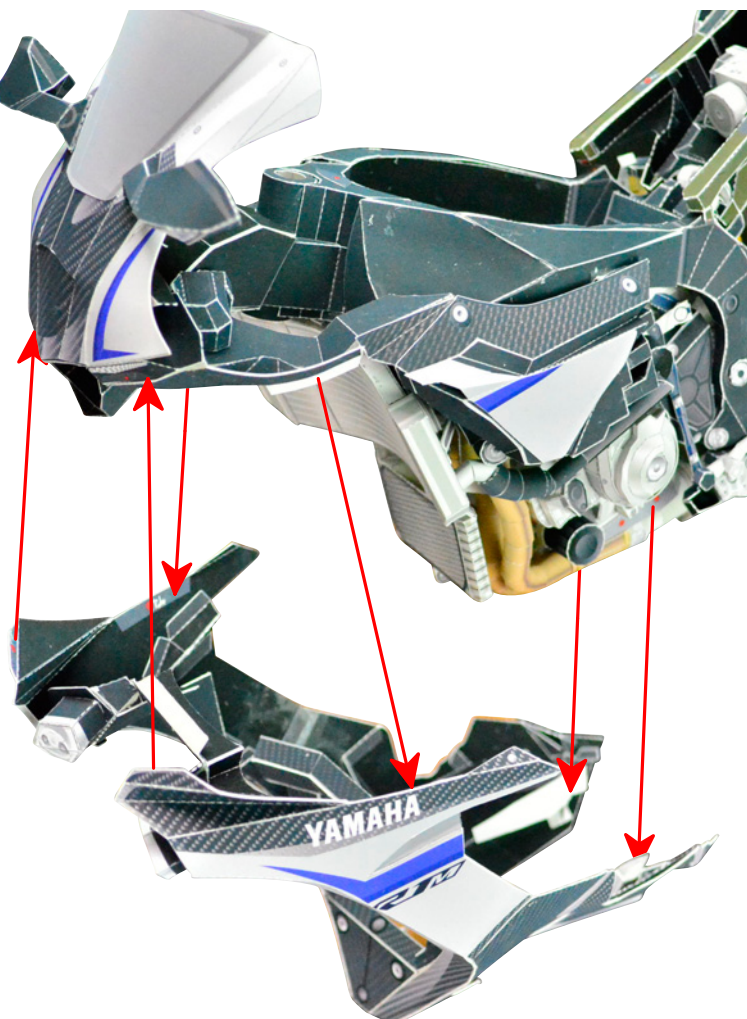
- 18 Glue the frame 1 to the steering.



- 16 Glue the frame 1 to the front cowl.



- 17 Glue the front cowl, engine to the under cowl



Connect each of previously assembled parts in order.

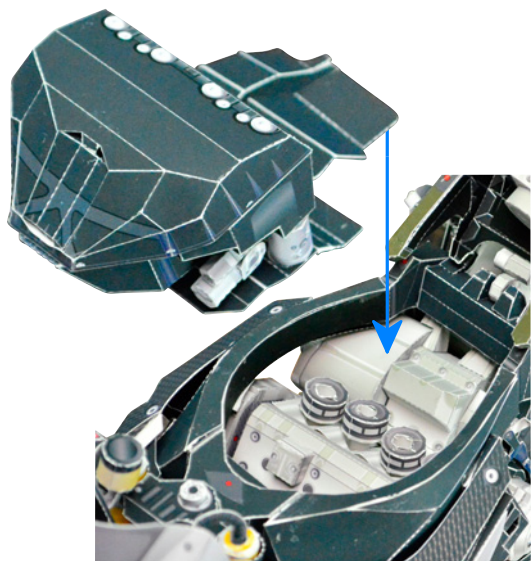

Fold or Curve


Glue

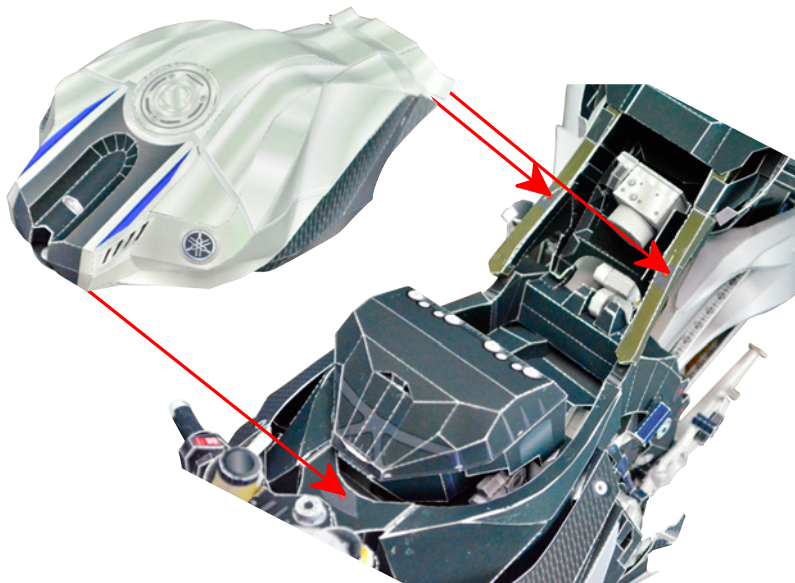

Insert


Gluing surfaces

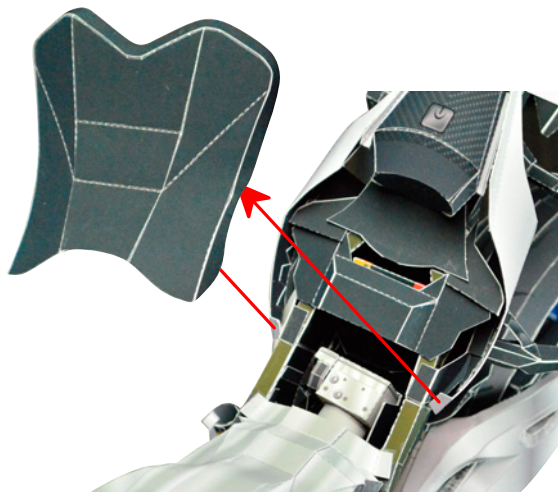
19 Attach the frame 1 to the intake.



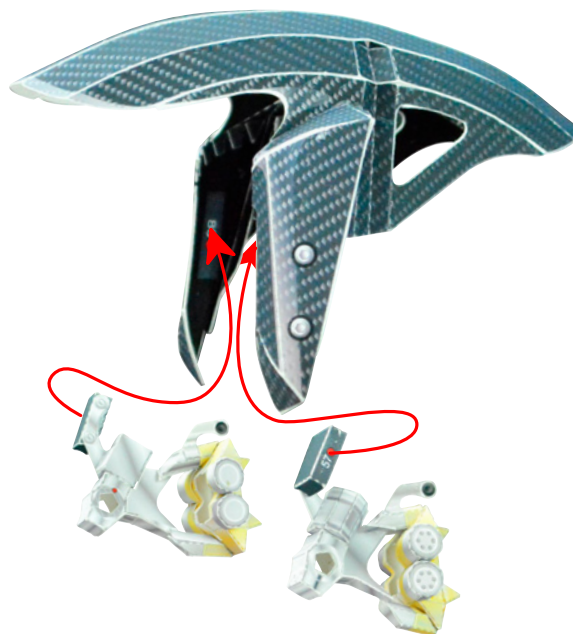
20 Glue the fuel tank to the frame 1,2.



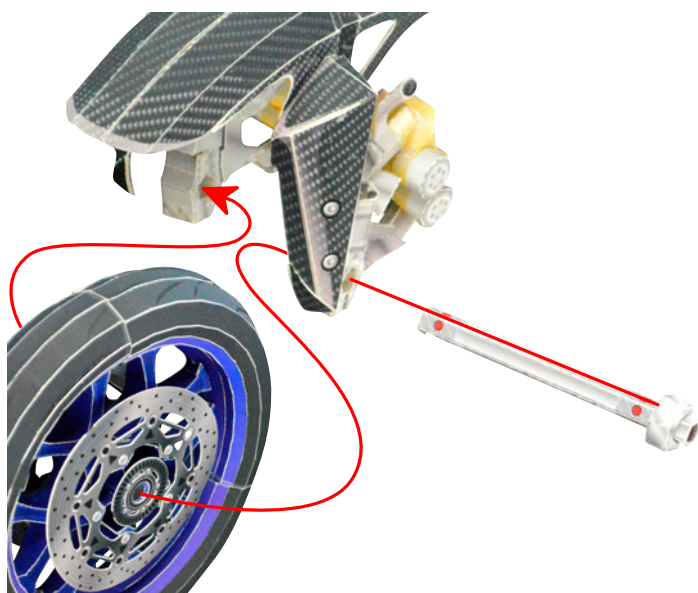
21 Glue the seat to the seat cowl.



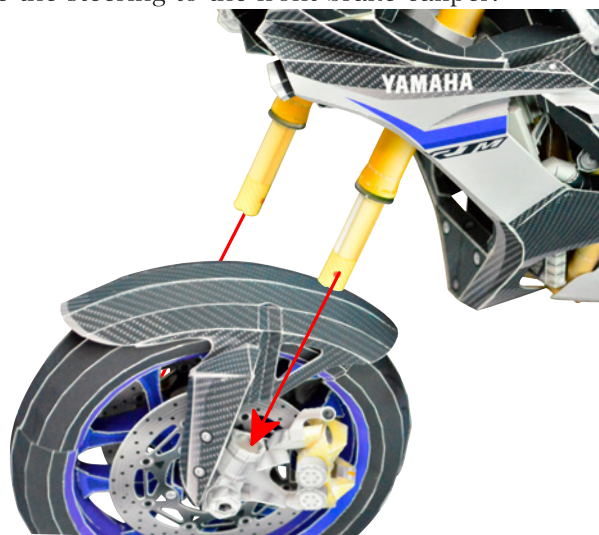
22 Glue the front brake caliper to the front fender.



23 Glue the front brake caliper to the front tire.



24 Glue the steering to the front brake caliper.



5 Completion

Here are pictures of completed models. Please refer to them when assembling.



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