

Fine Structure Model

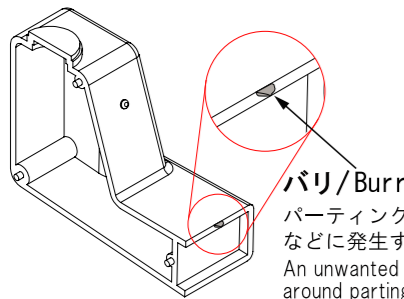
1/32 desktop

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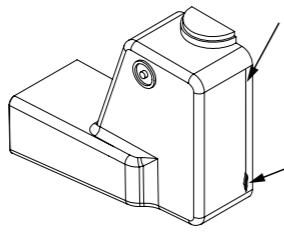
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ホワイトメタルパーツについて/Notes on white metal parts

- 各パーツのバリ、パーティングライン、ゲートぐちが、外観の目立つ場所や接着面、組立てに支障のある所にある場合、パーツの形状を崩さないように注意して金ヤスリ又は、紙ヤスリで整えて下さい。
- Any prominent burrs, parting lines or gates of each part that may cause disfigurement or interfere with assembly should be cleaned up with files or sandpaper without deforming the original shape.



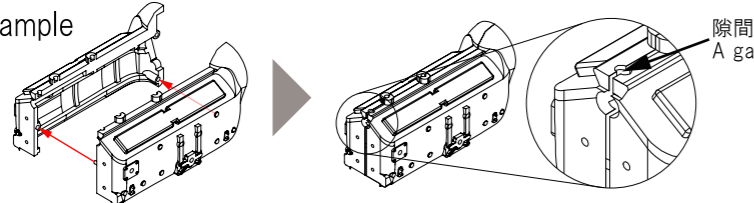
パーティングラインや穴の周りなどに発生する余分な部分
An unwanted edge left on parts around parting lines, holes, etc.



ゲートぐち/Gate
パーツ成形時の材料注入口
A channel which carries molten metal into a mold

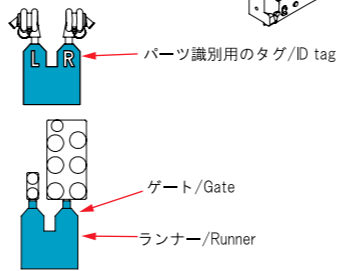
- パーツを接着する前には必ず仮組みをして、接着面がぴったりと合うことを確認して下さい。もしバリや段差、穴詰まりなどがある場合は、金ヤスリや紙ヤスリ、ピンバイスなどで取り去ってから接着して下さい。
- Test fit parts before gluing to ensure the parts fit neatly against each other. Before gluing, remove burrs, gaps with tools such as a file, sandpaper and a pin vice if there are any.

例/Example



800番の紙ヤスリを平らな板等で巻いたもの
Sandpaper wrapped around a piece of wood

かみ合わせ突起部
Adjust projecting parts as needed



- ホワイトメタルパーツは製法上、その場所によりダボ穴を深く入れることが出来ない場合があります。ダボ穴が浅い場合は、ピンバイスでダボ穴を深く入れて下さい。
- 接着剤は、金属用の瞬間接着剤(液状)を使用して下さい。
- パーツリストにあるパーツの中で、青く塗られた部分のパーツがあります。その部分は組付け時に不要になりますので切り離し、パーツのその部分の形を金ヤスリ等で整えて下さい。
- Due to production reasons, dowel holes on white metal parts may not be deep enough. Deepen holes with a pin vice as needed.
- Use liquid type superglue for metals.
- In the Parts List there are parts that have blue sections. They will be unnecessary when you assemble so remove them and clean up the cut surface with a file or the like.

アドバイス

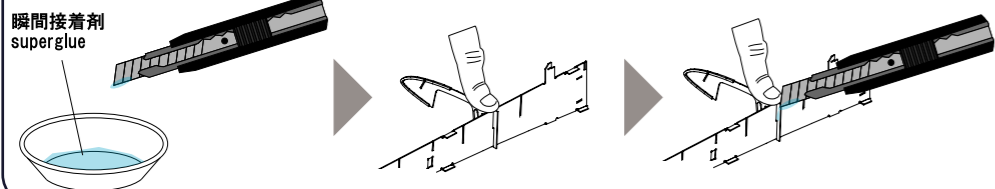
- パーツを磨く場合は、800番程度の紙ヤスリの使用をおすすめします。(削りすぎに注意して下さい。)
- ホワイトメタルパーツ表面にメタルプライマーを吹きつけると腐食防止効果があります。
- For sanding parts, we recommend sandpaper around #800. (Don't sand too much.)
- Coating metal primer on white metal parts will help prevent corrosion.

Tips

注意

- ホワイトメタルパーツは、軟らかく変形しやすい為取扱いは十分注意して下さい。
- Handle white metal parts with care as they are easily deformed.

パーツの接着について/Notes on etching parts



- 上から、指で押さえつけながら内側部分の接合部にカッターナイフで接着剤を少量流し込み接着する★瞬間接着剤硬化剤を使用すると効果的です。
- While holding the parts of interface with your finger, fix the parts putting a little glue onto the interface with cutters
- ★Using the hardener for instant glue is effective.

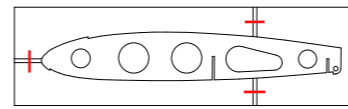
●組立のワンポイントアドバイス URL : <http://imcth.co.jp/store/timesaver/> ●Knack of assembly URL : <http://imcth.co.jp/english/knack/>

エッチングパーツについて/Notes on etching parts

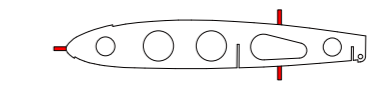
●各パーツをランナーから切り離す際の注意事項

●Notes on cutting parts off from runners

切り離しにはエッチングハサミ、カッター等をご使用下さい。
Use scissors designed for photo etched parts.



切り離しによるパーツの変形を防ぐ為、切り離しはパーツから少し離れた位置で行って下さい。
Cut runners far enough from the part to avoid deformation.



パーツに残ったランナーは、金ヤスリで整えて下さい。
Clean up remaining runners with a file.

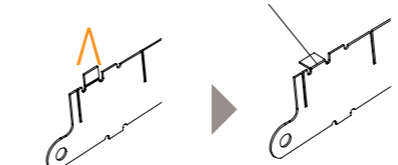
●お客様で曲げ加工が必要なパーツがあります。●You will need to bend some parts by yourself.

There are types of bending instructions as shown below.

※指示とは別に組み合わせの際、パーツ同士の形状を調整する必要があります。

例:山折り e.g:Mountain fold

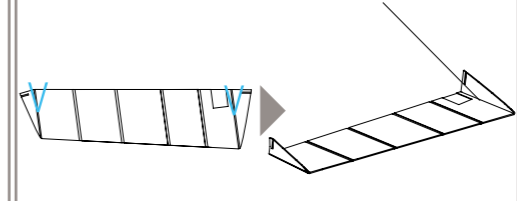
曲げ後ハーフエッチングの部分が見える
The half-etched part will be still visible after bending.



ハーフエッチングがされている側から奥に折り曲げて下さい。
Bend outward from the half-etched side.

例:谷折り e.g:Valley fold

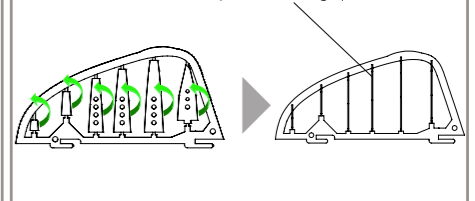
曲げ後、ハーフエッチングの部分が見えにくくなる
The half-etched part will be hidden after bending.



ハーフエッチングがされている側から手前に折り曲げて下さい。
Bend inward to the half-etched side.

例:ひねり e.g:Turn

正面を向いていた面が上を向いた状態
Turned parts are facing up.



ハーフエッチング部分を支点にひねって下さい。
Turn parts. (Rotate using half-etched sections as your axis.)

注意

Note

- 曲げるには指で曲げずにエッチングベンダー等の工具を使用して下さい。
- 曲げ直しをすると切り離されることがありますのでご注意ください。
- Use tools, not your fingers, such as a photo etched bender.
- Do not bend too many times as this will cut the part.

表記について/Notes on mark



- 指示部分は接着しないで下さい。
Do not cement.
- 指示部分を切り取って下さい。
Cut off.
- 指示部分に穴を開けて下さい。
Make holes.
- 指示部分に紙ヤスリを掛けて下さい。
Shave sandpaper.



- 指示部分を山折りに折り曲げて下さい。
Mountain fold.
- 指示部分を谷折りに折り曲げて下さい。
Valley fold.
- 指示部分にひねりを行って下さい。
Turn.
- 指示部分をニッパーでカットして下さい。
Cut with nippers.
- 指示部分をペンチで曲げて下さい。
Bend with pliers.



- 指示部分をエッチングハサミでカットして下さい。
Cut with modeling scissors.
- 指示部分をハサミで切り取って下さい。
Cut off with scissors.
- パーツの向きに注意して下さい。
Note the direction of the parts.
- 指示部分にヤスリを掛けて下さい。
Shave file.

パーツの左右表示について/Notes on left and right parts

- 本組立説明書では、主翼・昇降舵部分の組立説明を左翼パーツでご説明させていただきます。右翼パーツにつきましては、左翼パーツの部品番号の脇に()青文字で部品番号を表記させていただきます。
- We only show the assembly of the left main wing and the left tailplane. Corresponding part numbers for the right wing and the left tailplane are shown in blue
- 右主翼・右昇降舵の組立につきましては、左主翼・左尾翼組立説明を参考に組立て下さい。尚、右主翼・右尾翼部分、左主翼・左尾翼部分のみに取り付ける部品については別途ご説明させていただきます。
- Please refer to the instructions for the left main wing and the left tailplane when you assemble the right main wing and the right tailplane.

注意事項

必ずお読み下さい。



Warning:
You must read all these warnings.



●取扱説明書に従って組立を行って下さい。●鋭利な部分が気になる場合はバリとりを行って下さい。●小さな部品は誤飲の危険がありますので、お子様の手の届く範囲には置かないで下さい。●部品の中には先のとがった縁端部を持つものがありますので、ケガをしないように慎重に組立て下さい。●高温、多湿な場所で保管したり使用しないで下さい。腐食の原因となります。●本来の用途以外でのご使用はおやめ下さい。●ピンバイス・カッター・ヤスリ等を使用する作業があります。手などのケガに十分注意して下さい。

●Follow all instructions to assemble your model. ●Remove burrs as needed. ●Keep small parts away from small children to prevent accidental ingestion. ●Be careful not to hurt yourself as some parts have sharp-edged burrs. ●Keep your model away from heat and moisture to avoid corrosion. ●Don't use your model for other than its intended purpose. ●Be careful not to hurt yourself with tools such as pin vices, knives and files.

お問い合わせ先

インクス株式会社

〒130-0026 東京都墨田区両国2-16-5 あつまビル2F URL:<http://imcth.co.jp>
TEL (03) 6666-9292 (受付時間/月~金 10:00~18:00 土日祝日を除く) FAX (03) 6666-9293

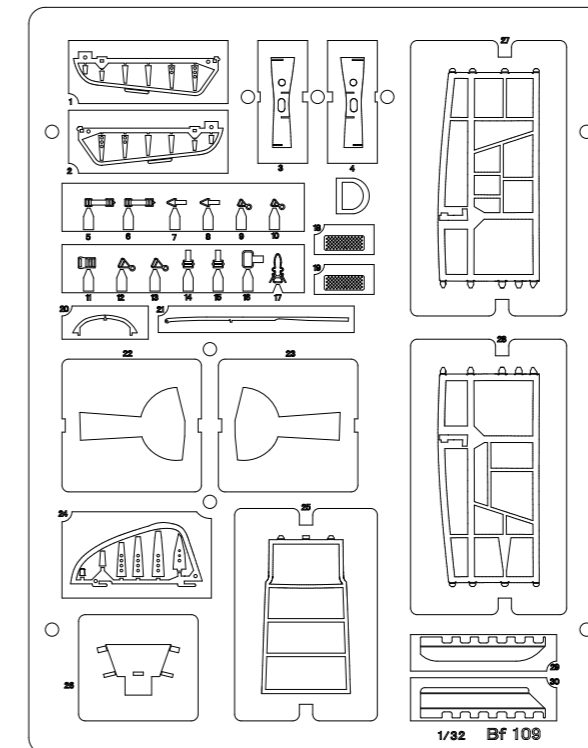
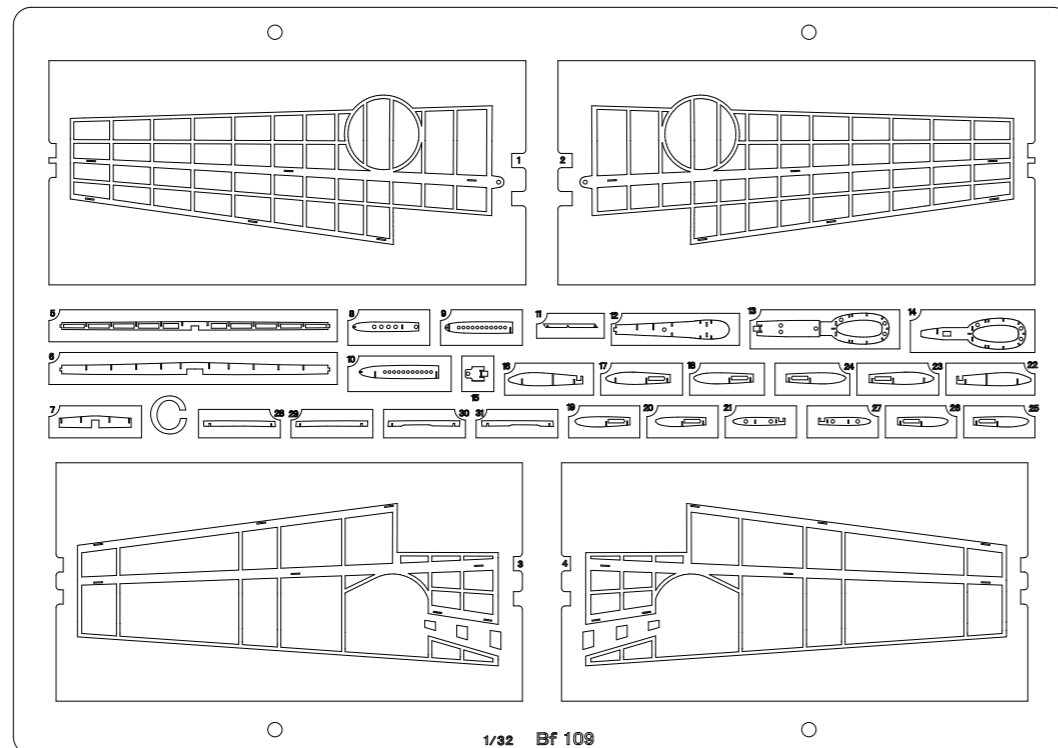
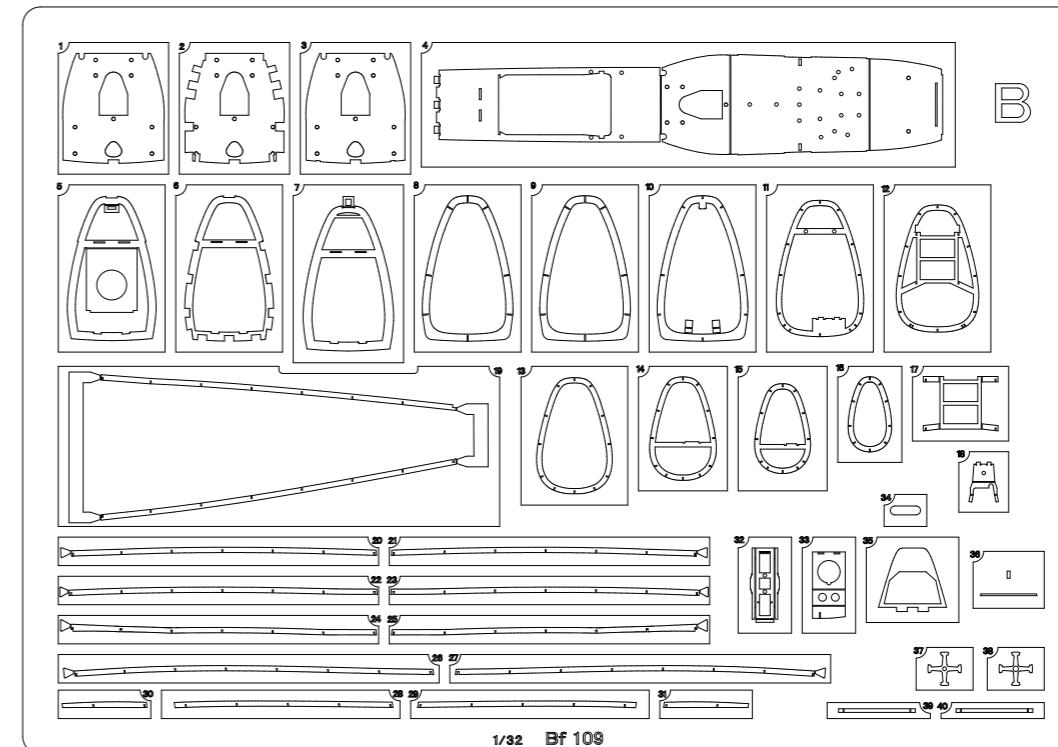
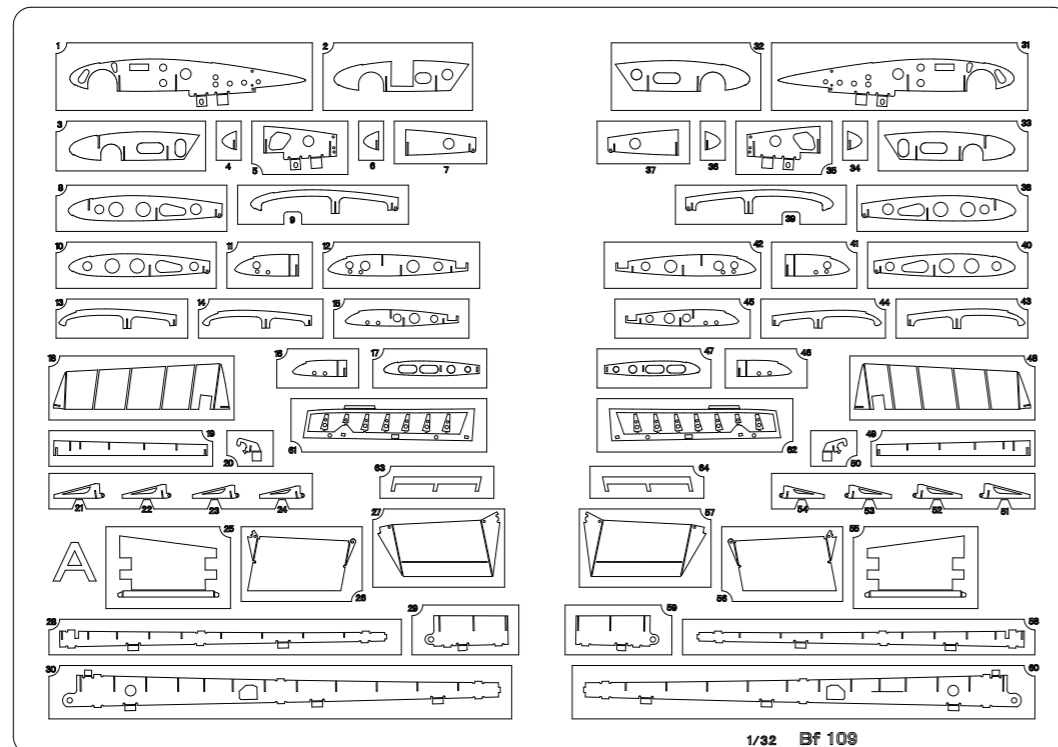
Contact

imcth Co., Ltd





Atsuma bldg. 2F, 2-16-5 Ryougoku, Sumida-ku, Tokyo 130-0026 Japan URL:<http://imcth.co.jp/english/>
TEL: +81 03-6666-9292 (10am-7pm, Mon-Fri except holidays) FAX: +81 03-6666-9293

パーツリスト/Parts List

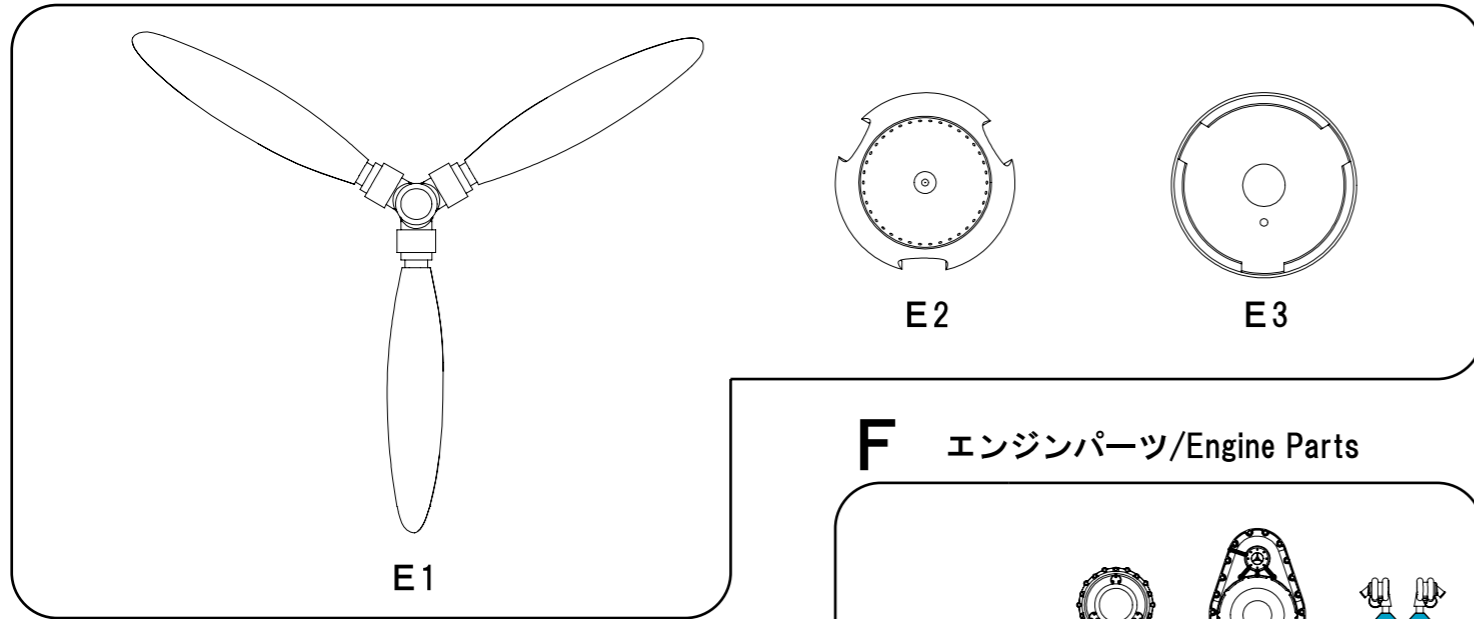
A~D エッチングパーツ/Photo Etched Parts



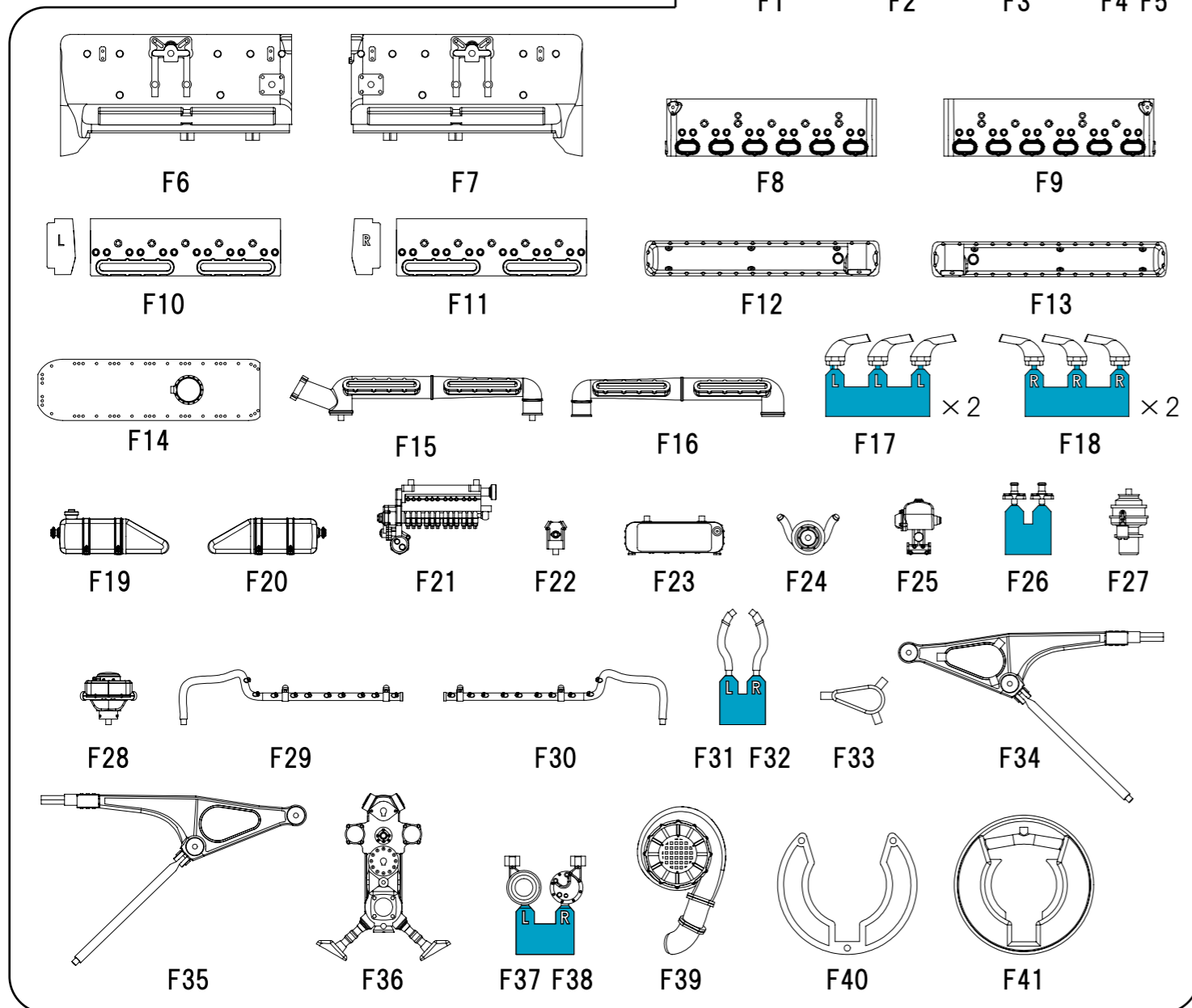
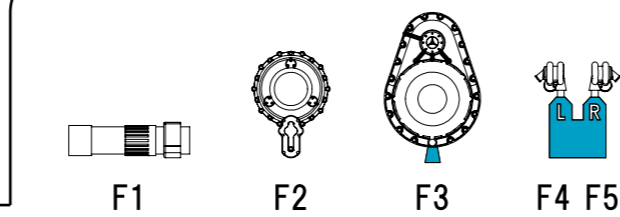
ピアノ線・アルミパイプ・アルミ棒・ピトー管用アルミパイプ / Piano wire, Aluminum pipes, Aluminum bars, Aluminum pipes for pitot tubes

ピアノ線/Piano wire	Φ0.4mm×150mm Φ0.6mm×150mm	
アルミパイプ/Aluminum pipes	Φ1.2mm×60mm Φ1.4mm×10mm	
アルミ棒/Aluminum bars	Φ1.2mm×60mm	
ピトー管用アルミパイプ Aluminum pipes for pitot tubes	Φ0.8mm×38mm Φ1.2mm×26mm	

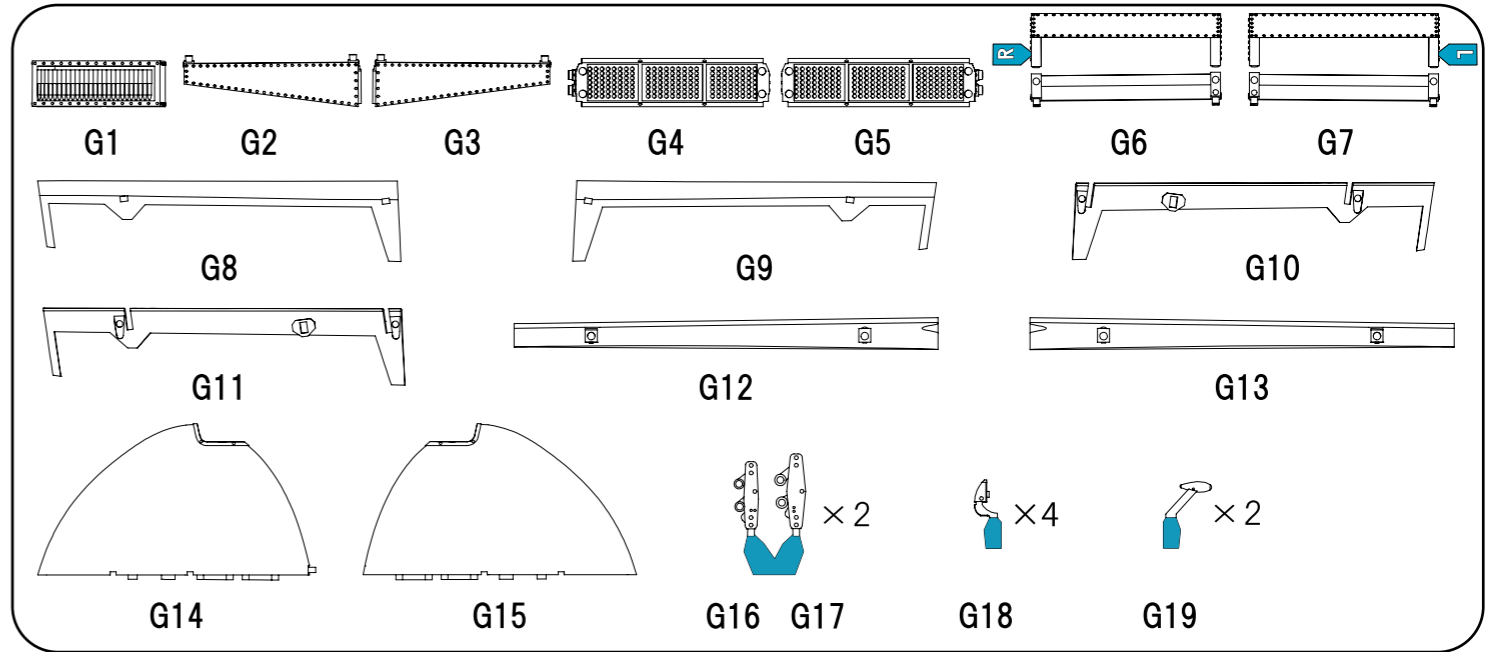
E プロペラパーツ/Propeller Parts



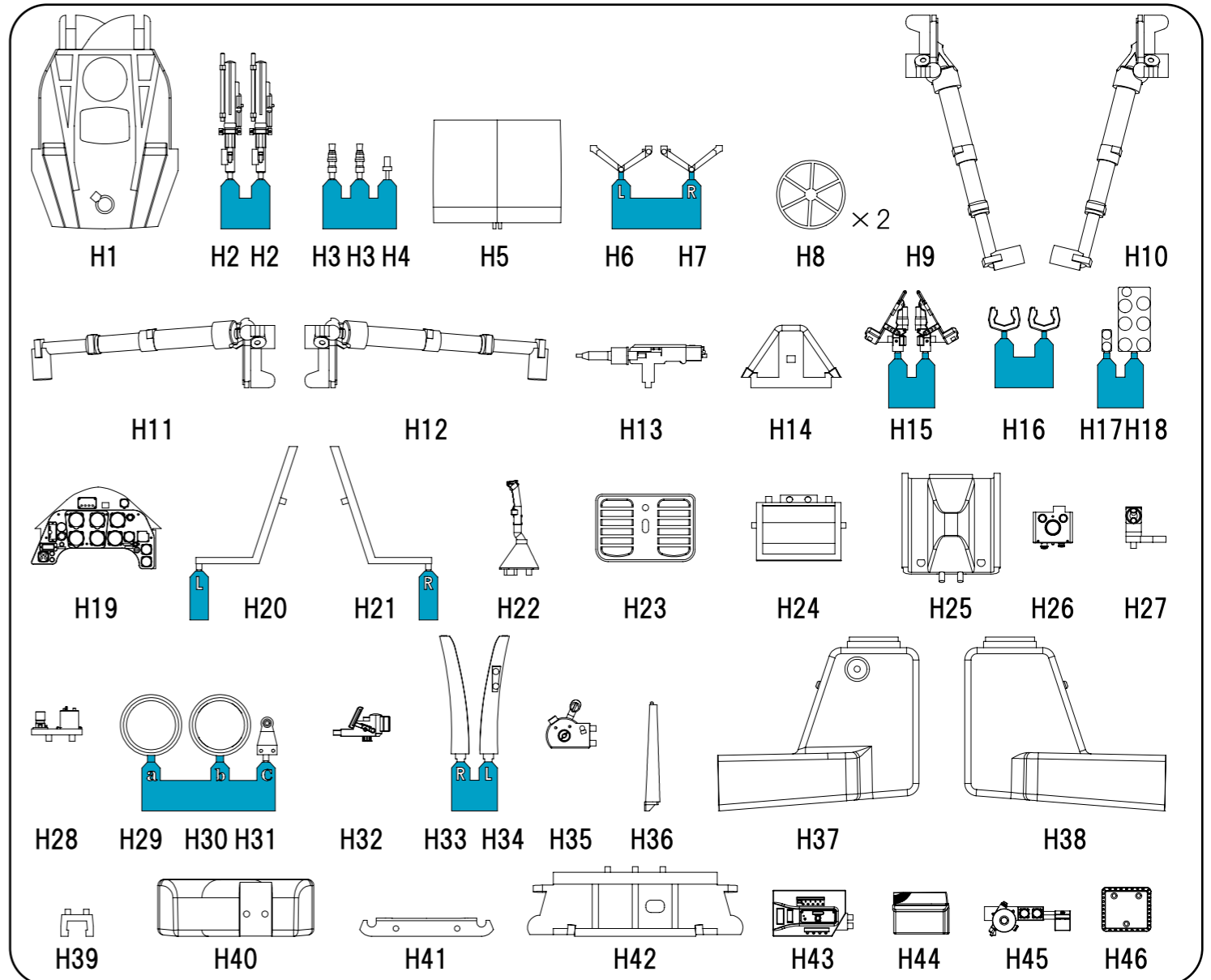
F エンジンパーツ/Engine Parts



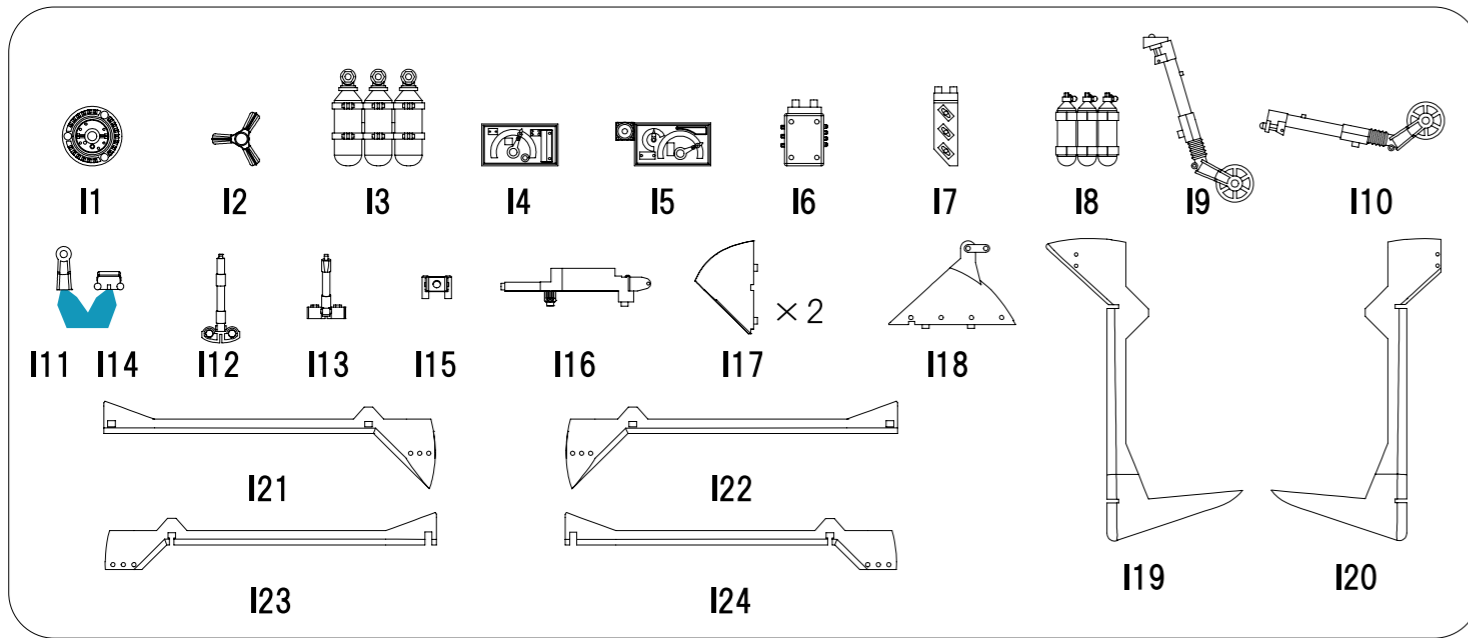
G 主翼パーツ/Main Wing Parts



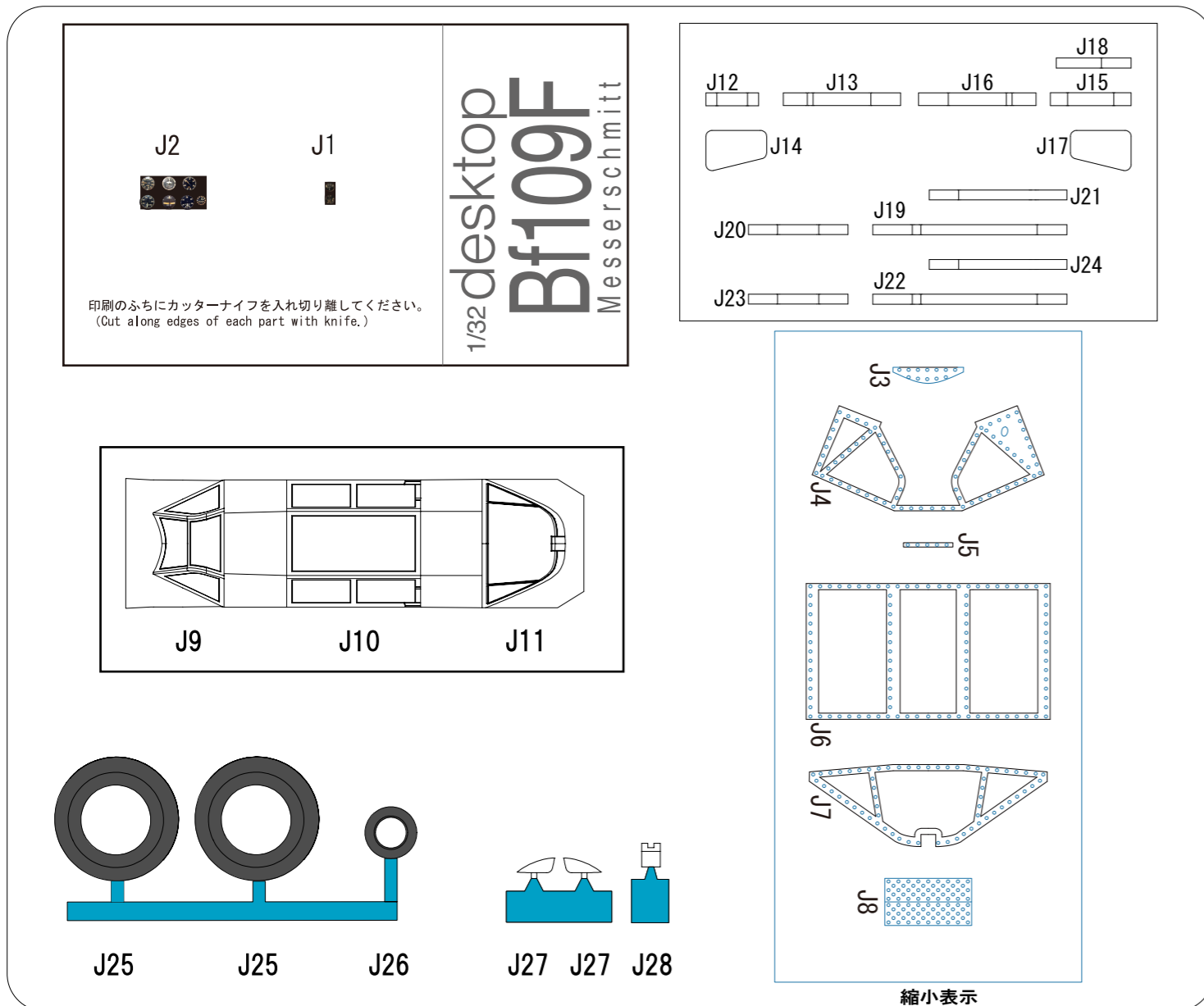
H コックピットパーツ/Cockpit Parts



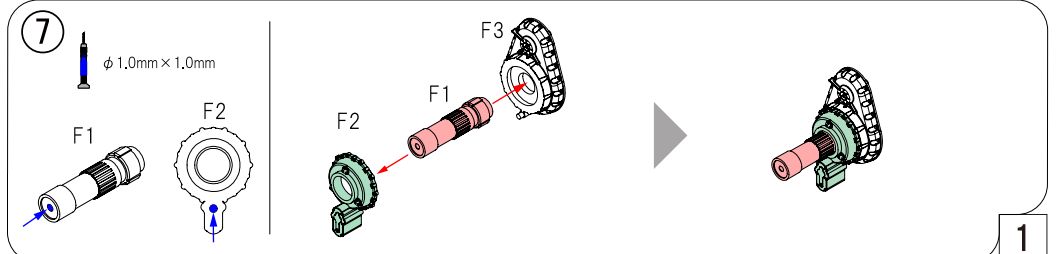
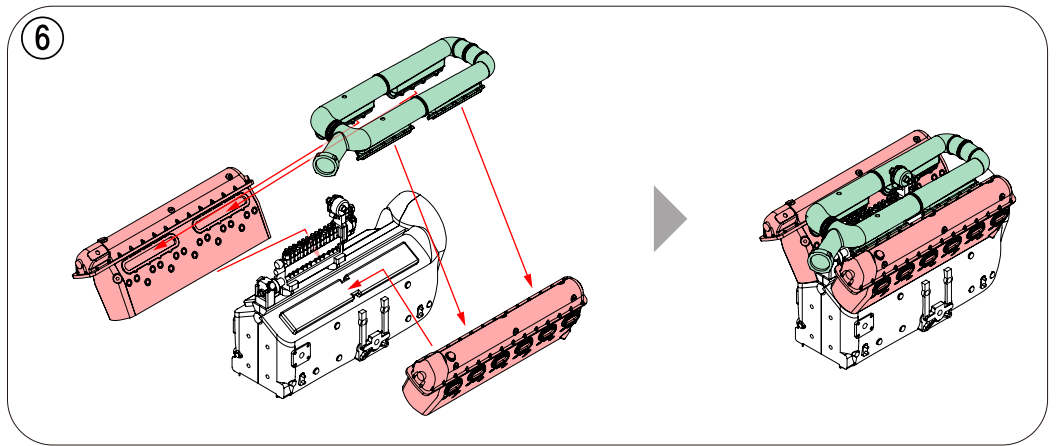
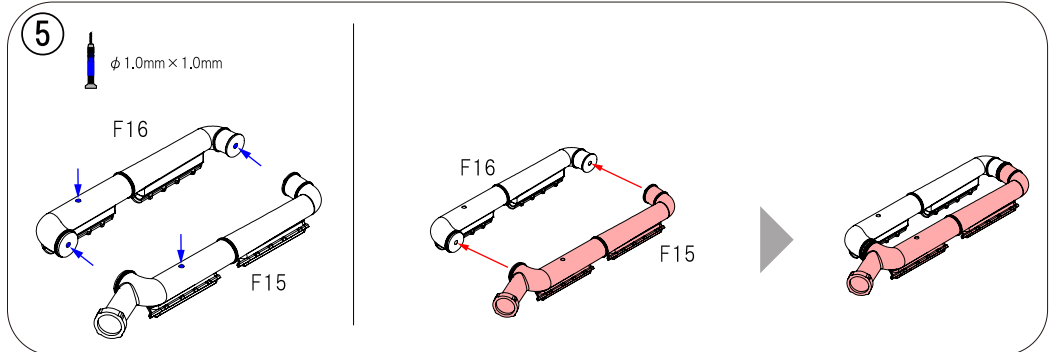
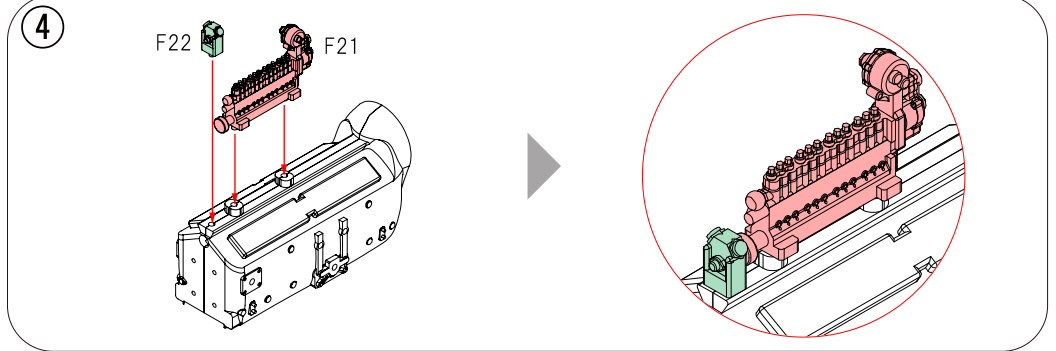
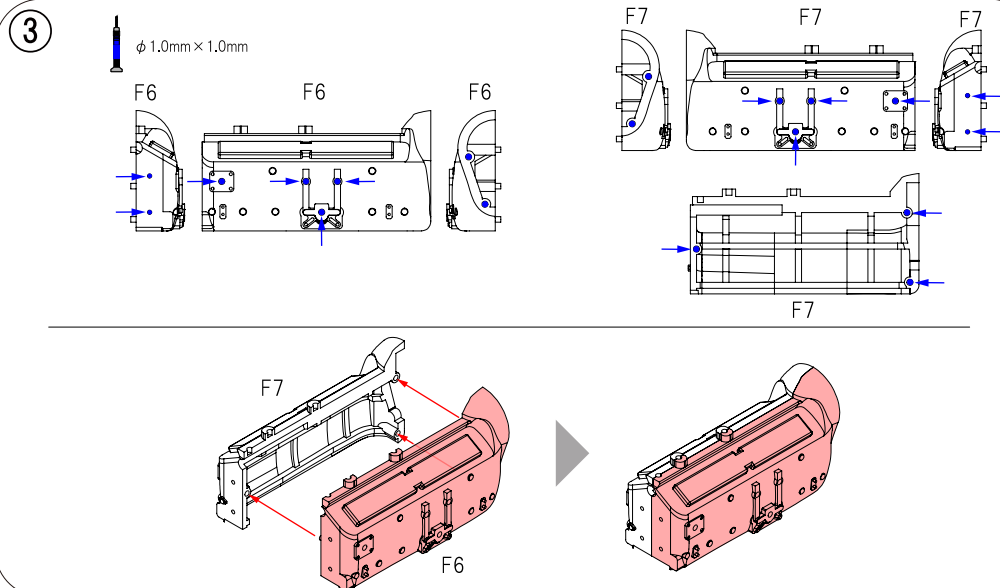
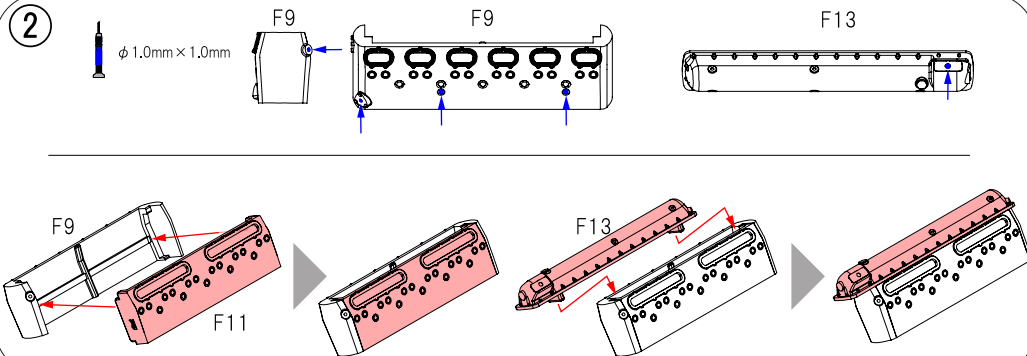
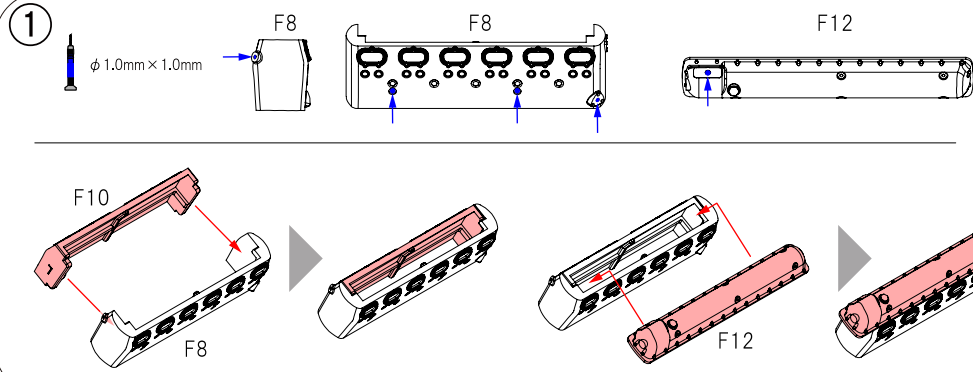
I 尾部パーツ/Tail Parts

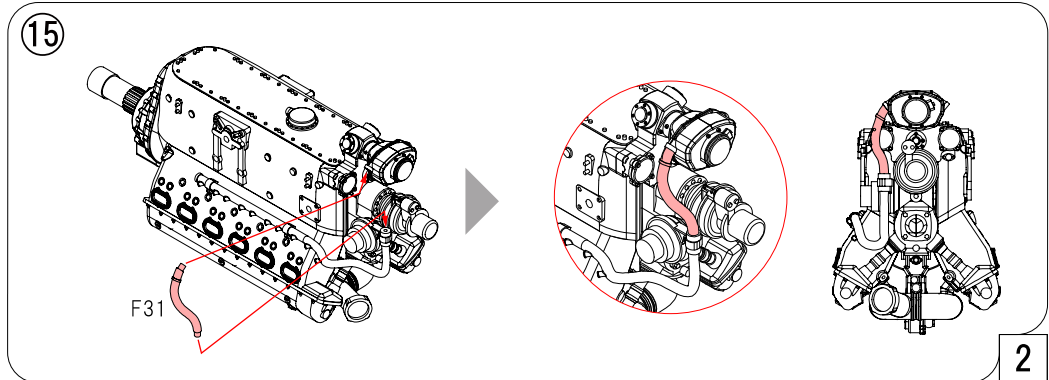
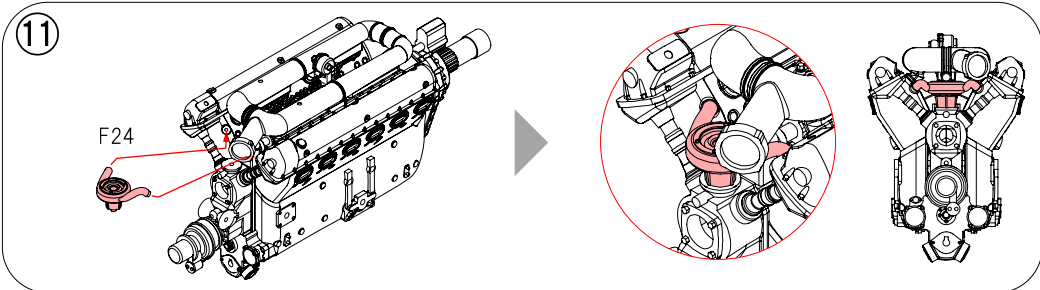
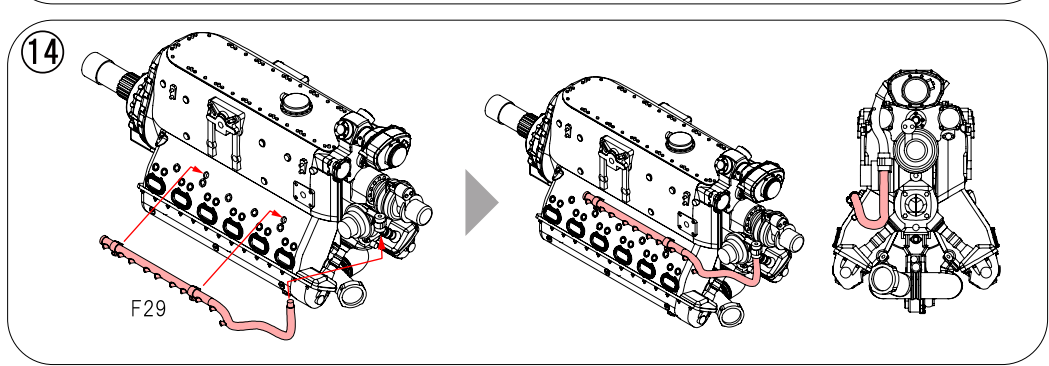
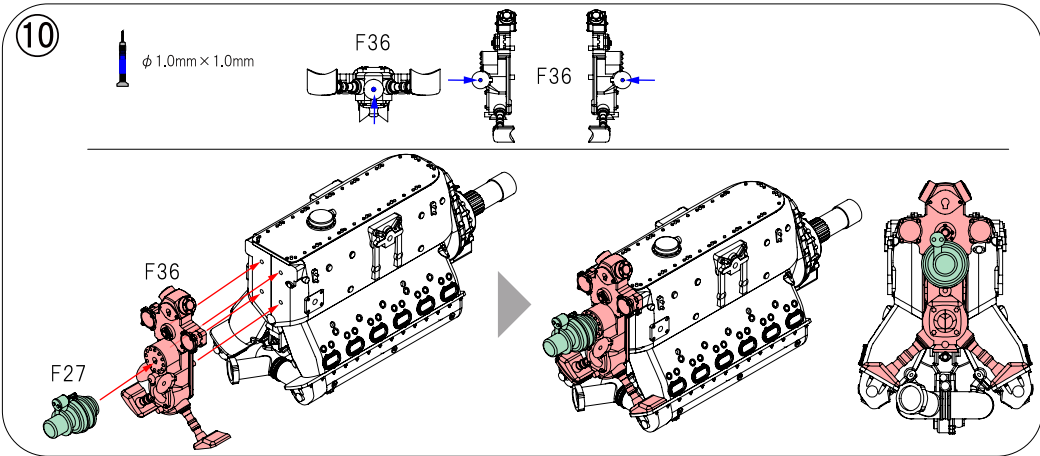
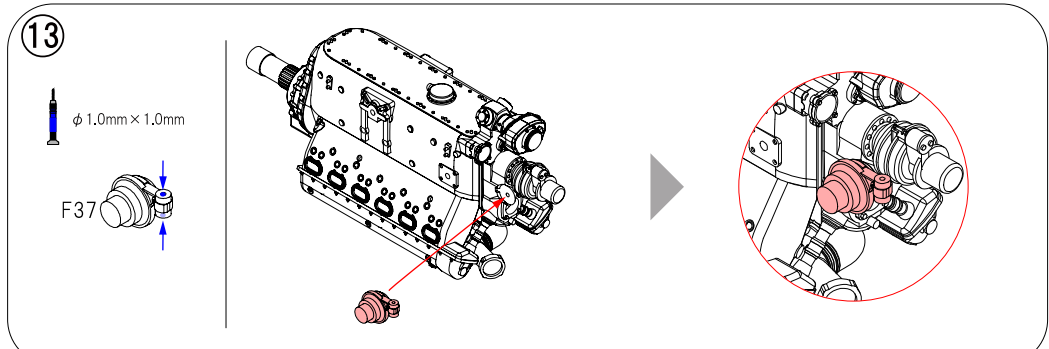
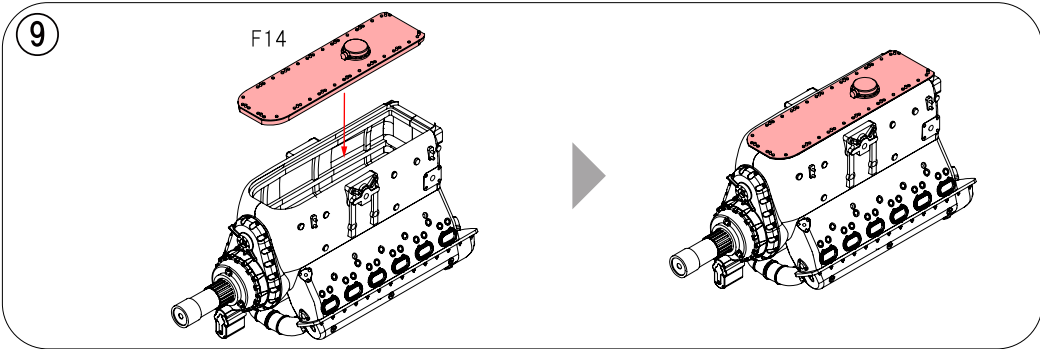
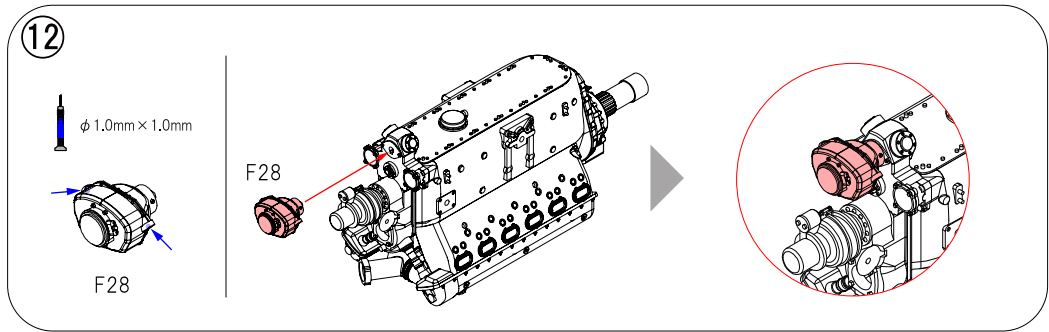
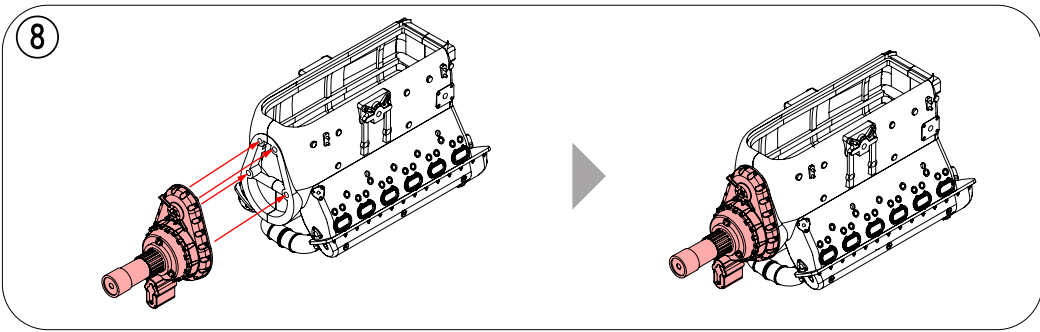


J シート状パーツ・ゴムパーツ/Sheeted Parts・Rubber Parts

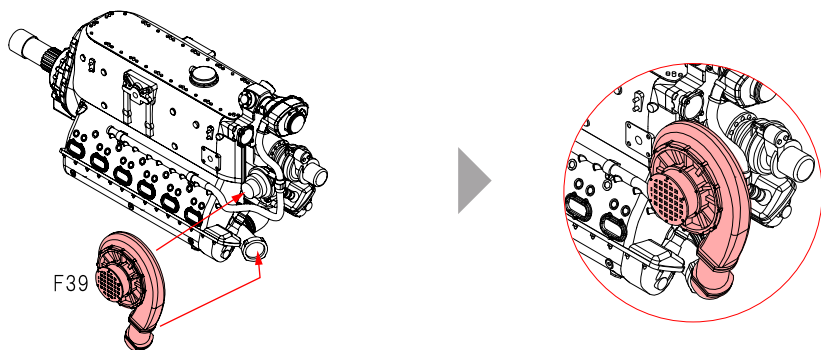


エンジン/Engine



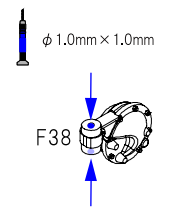


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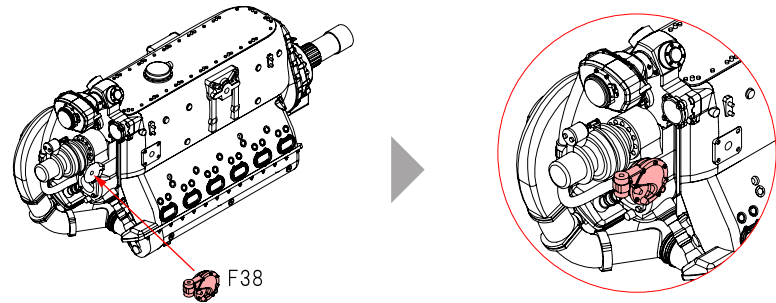


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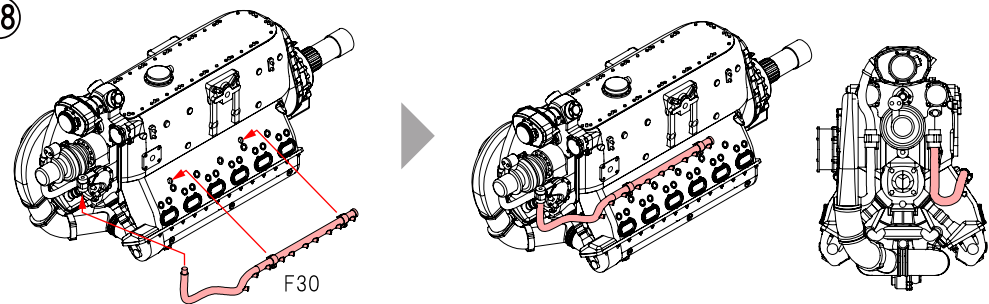


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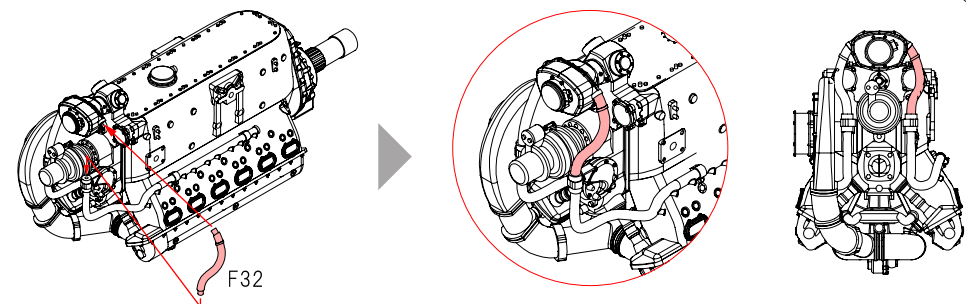
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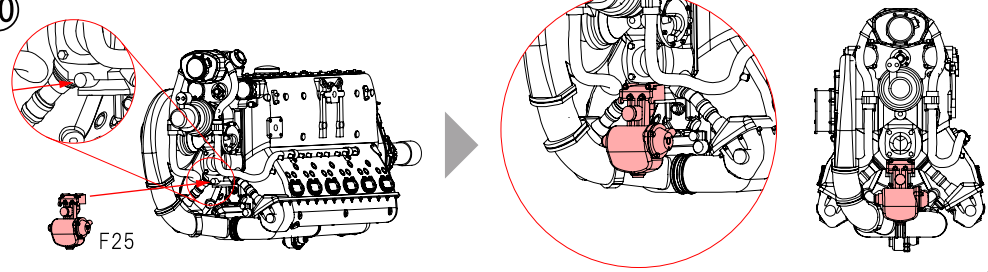
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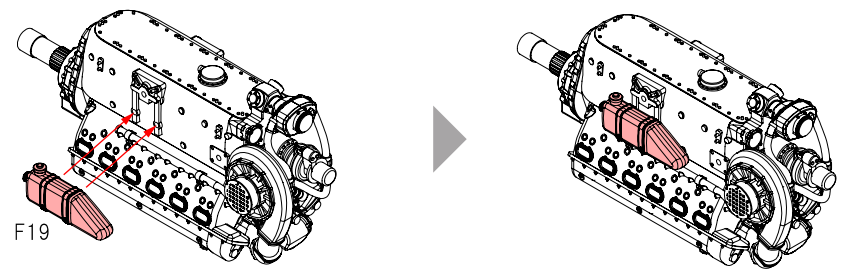
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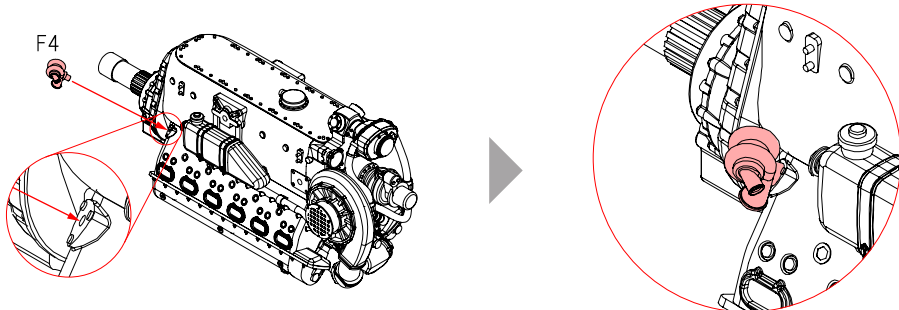
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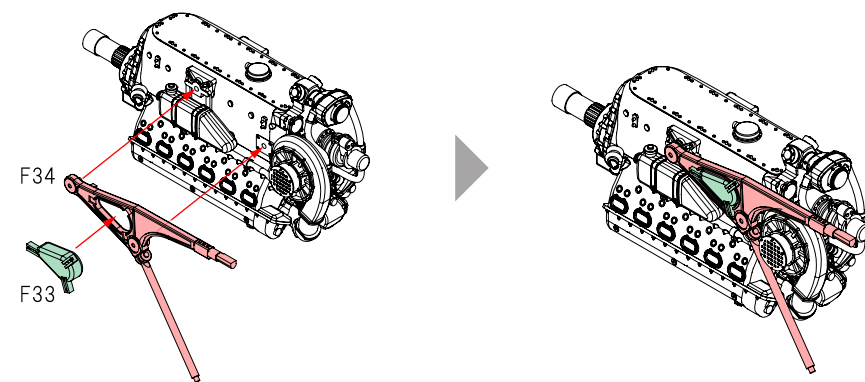
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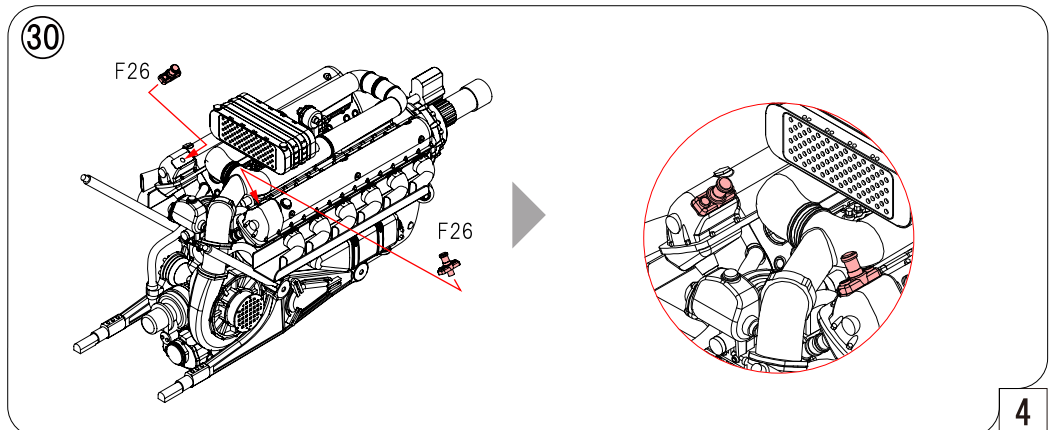
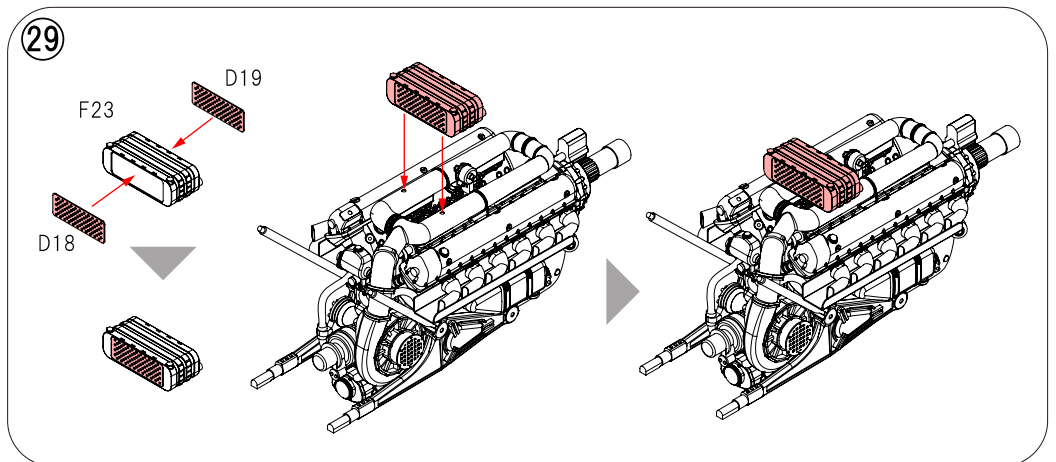
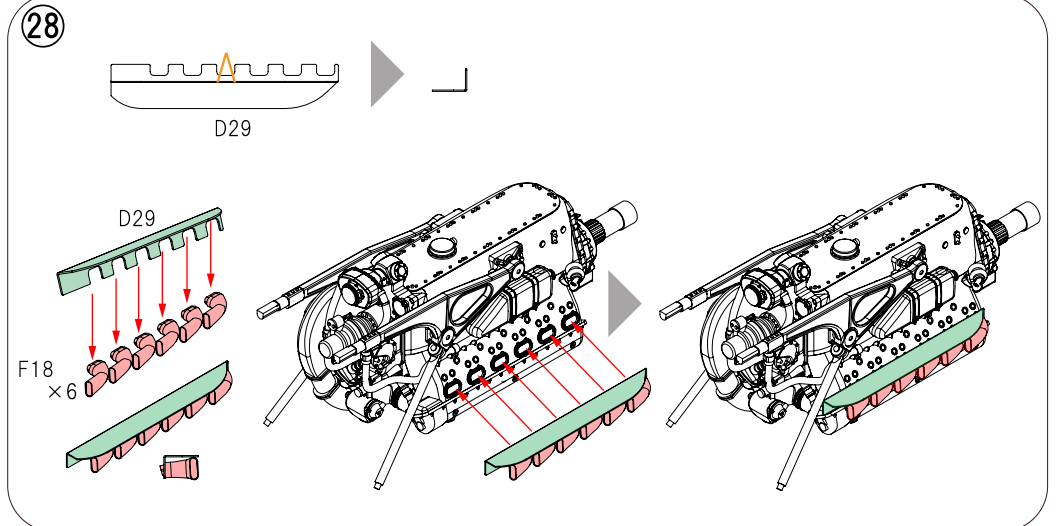
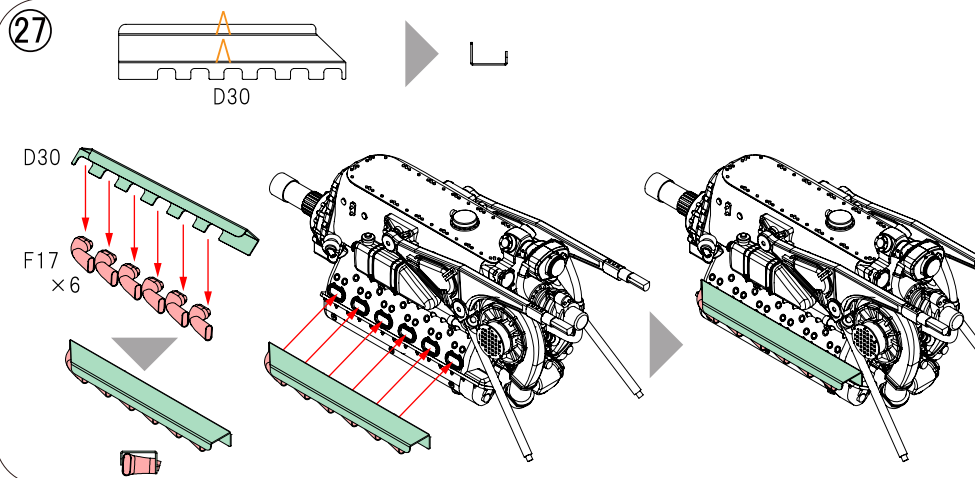
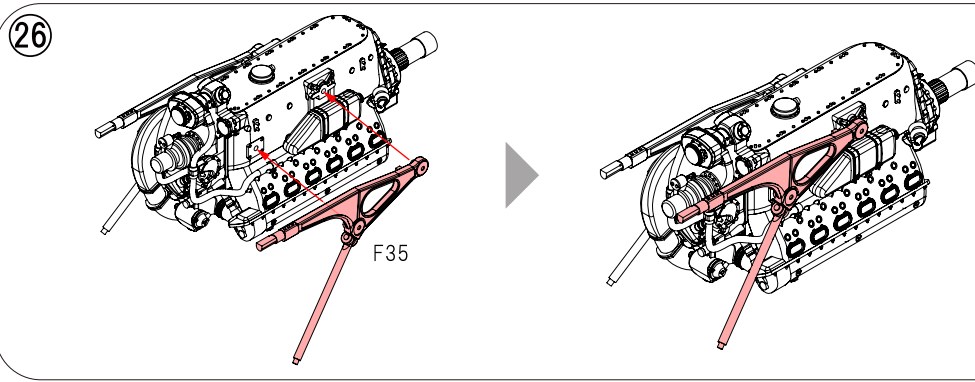
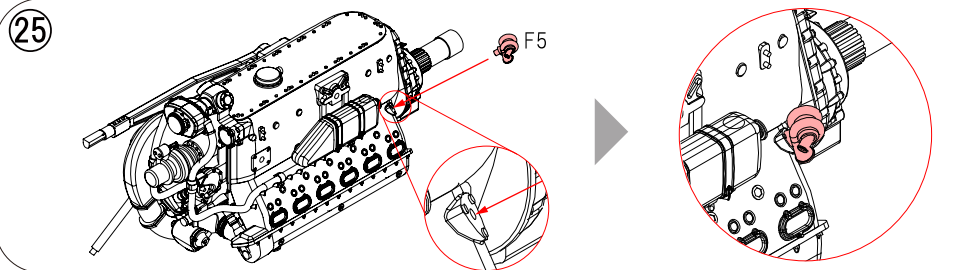
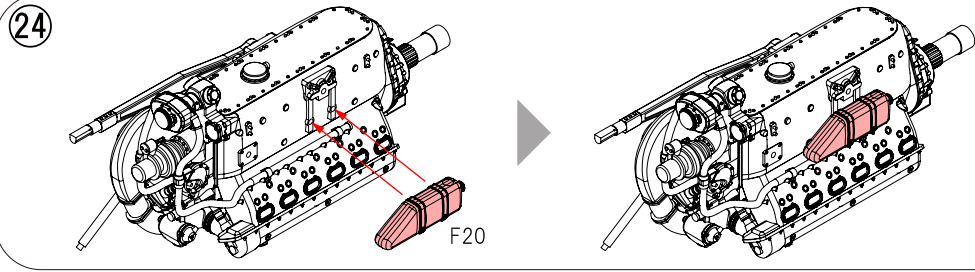
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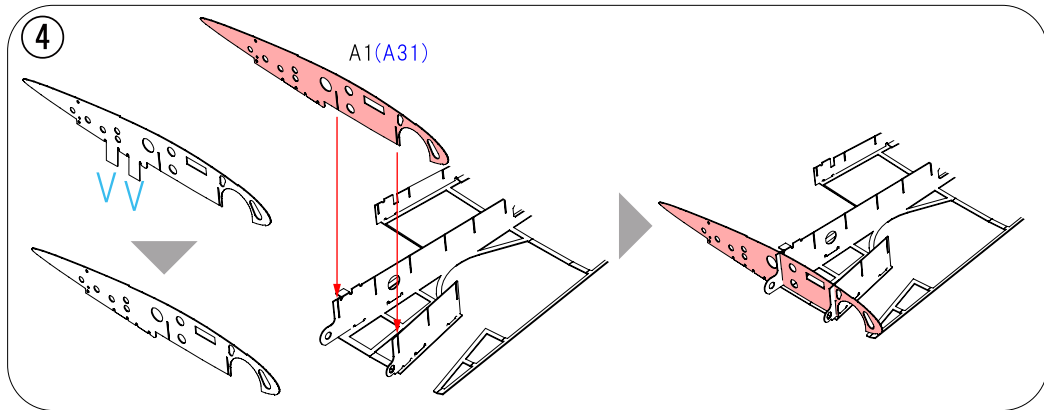
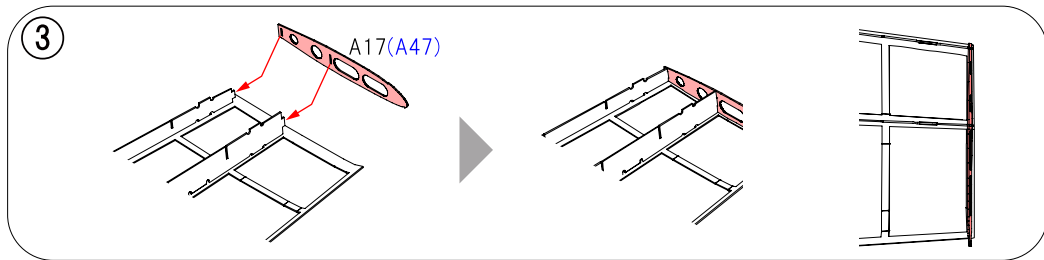
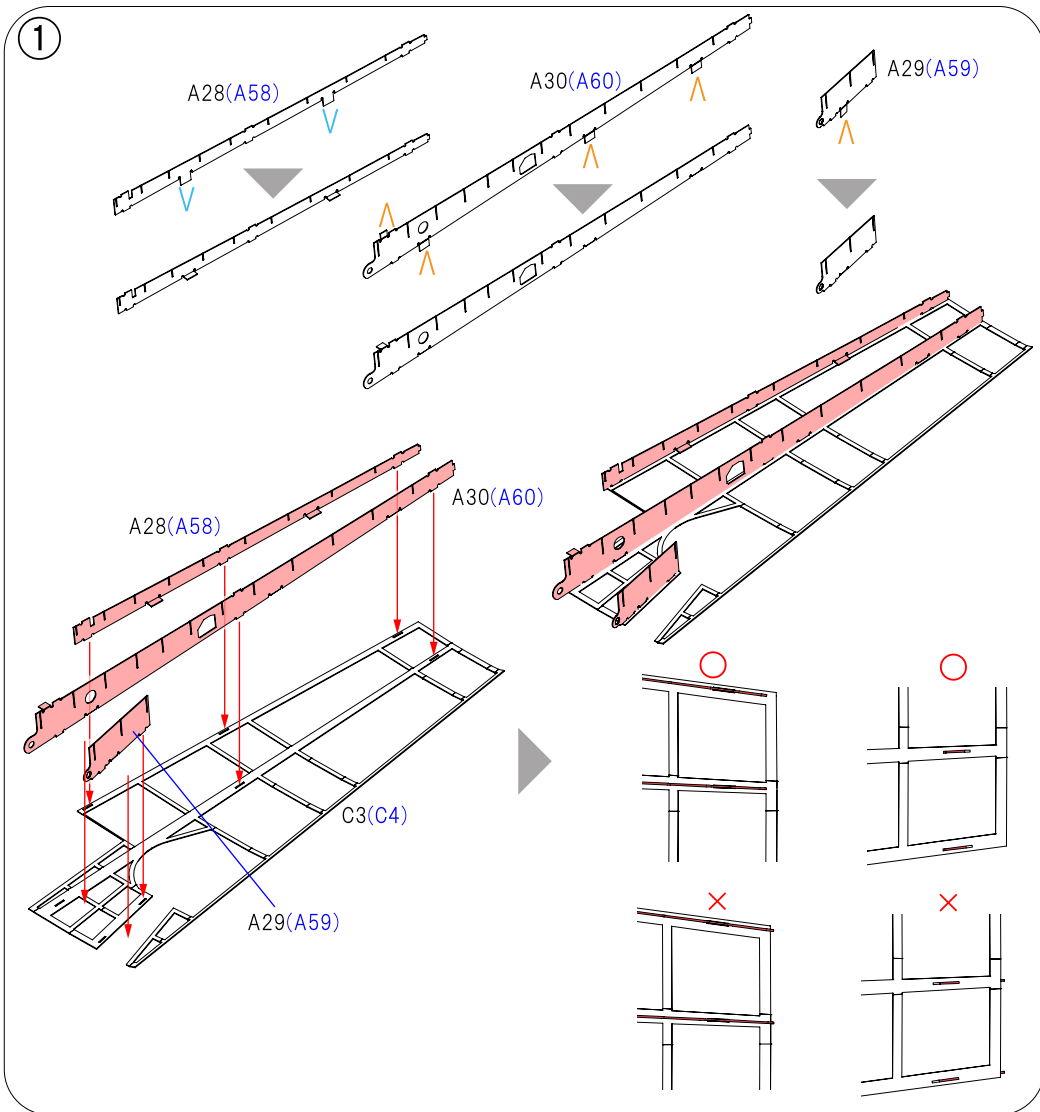
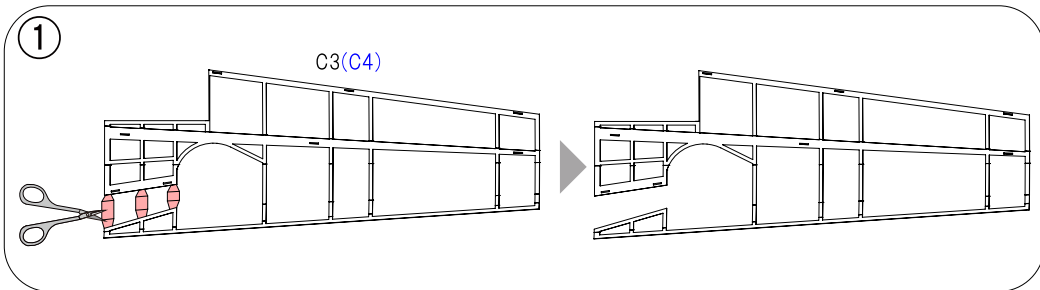


F34

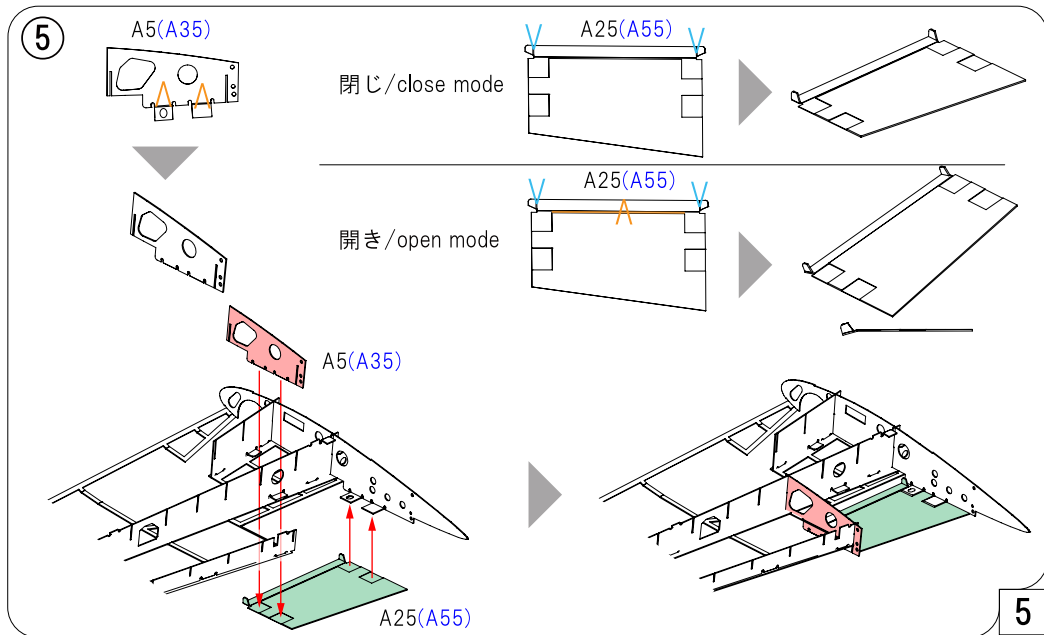
F33

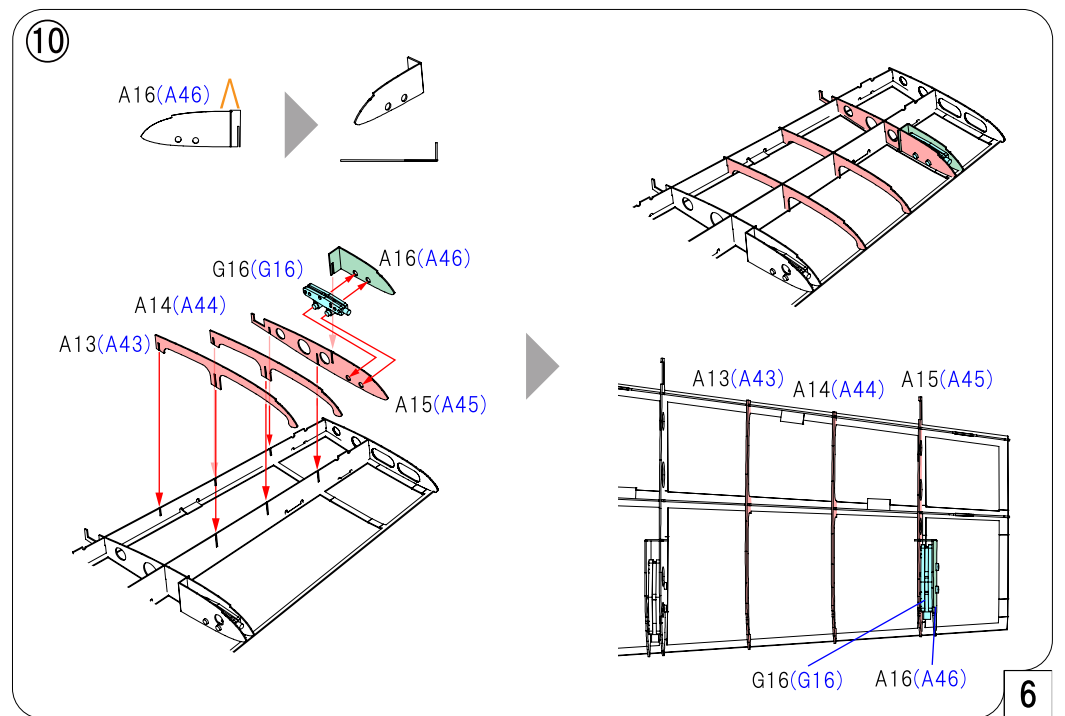
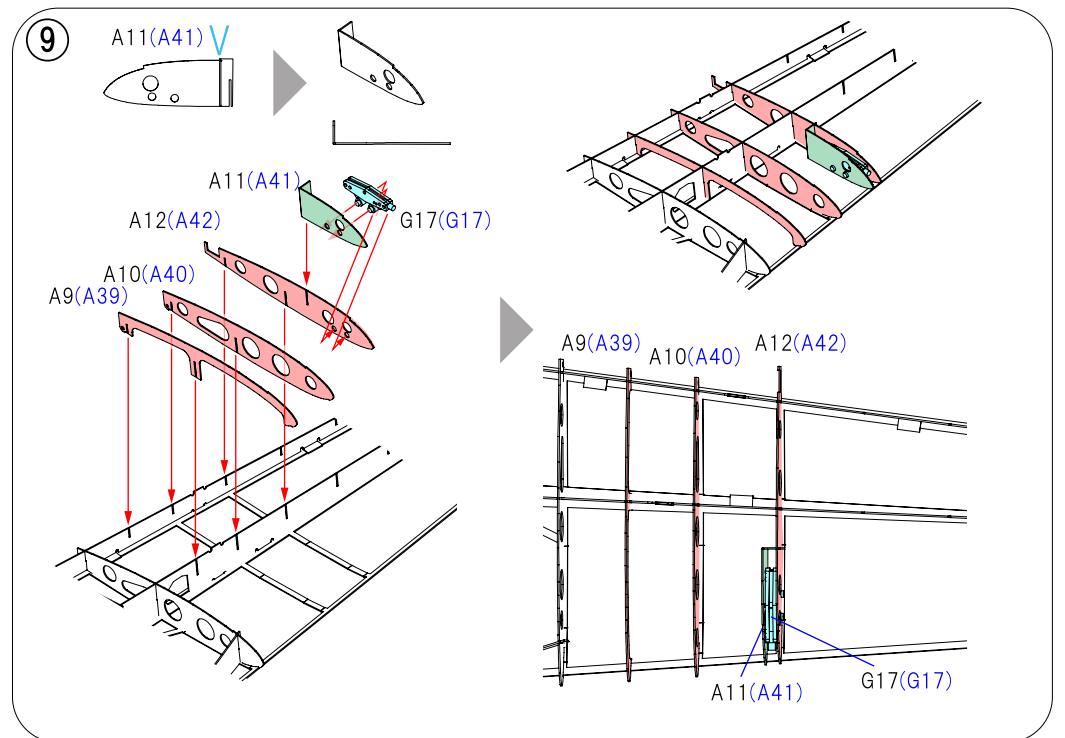
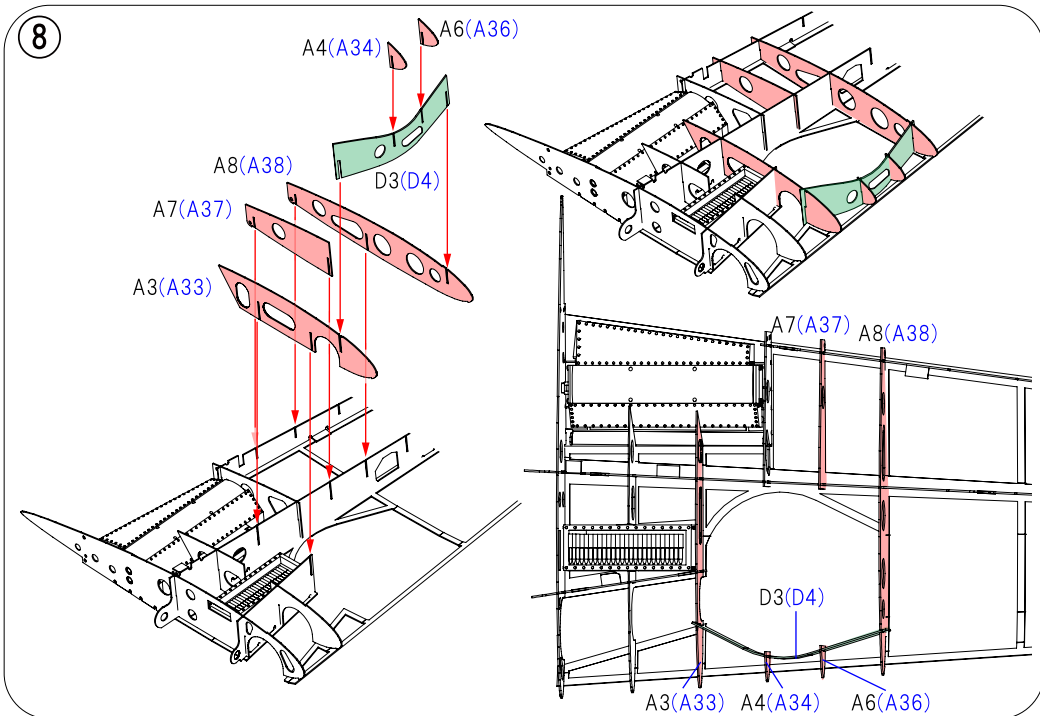
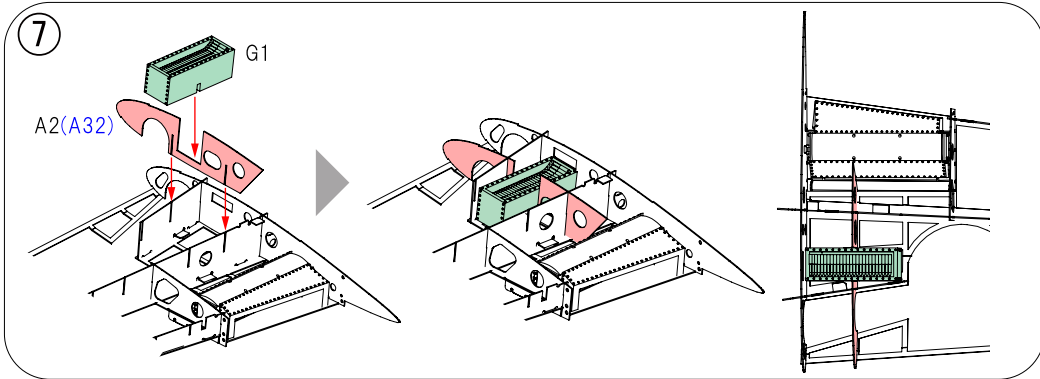
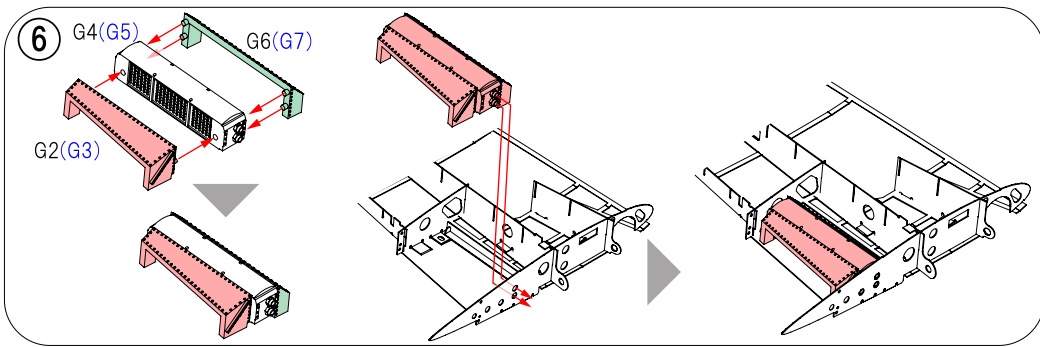


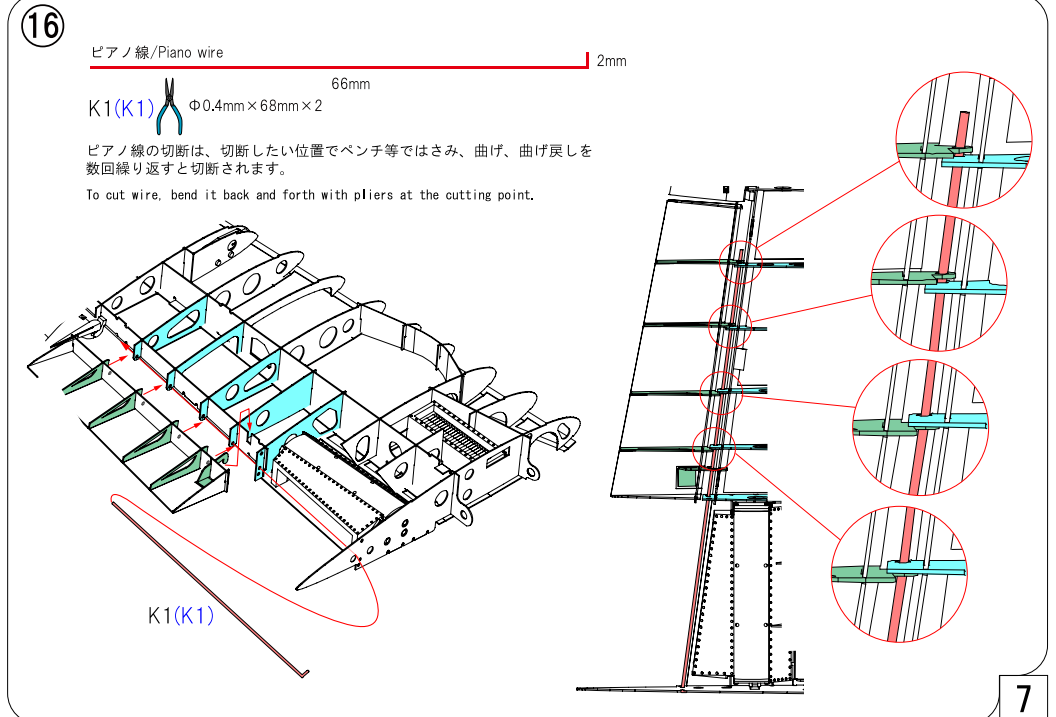
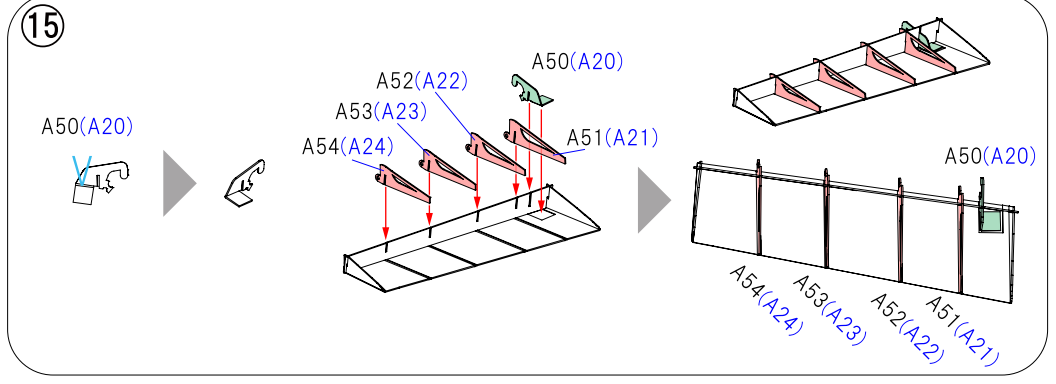
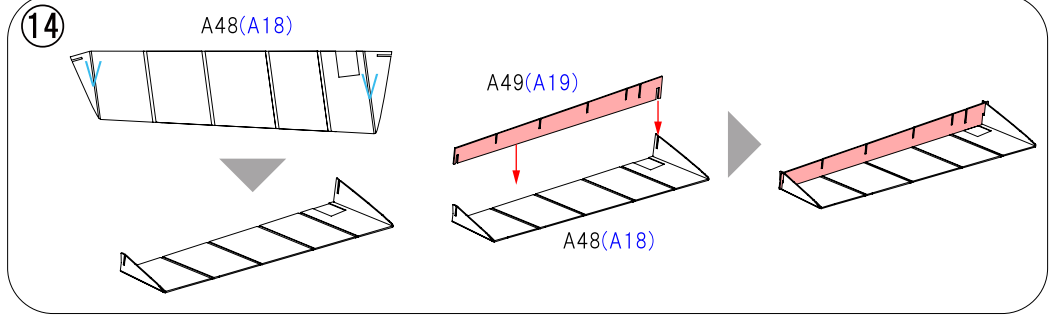
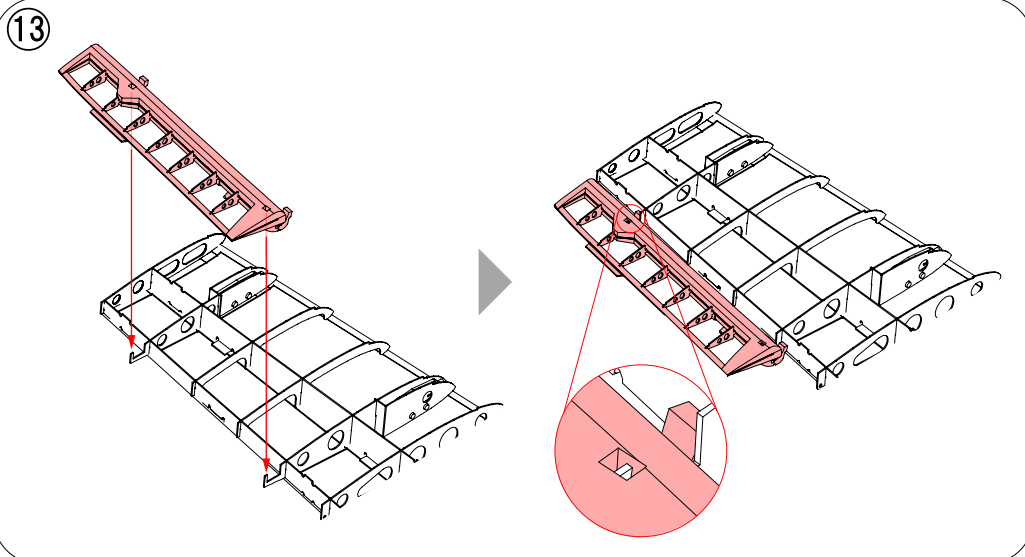
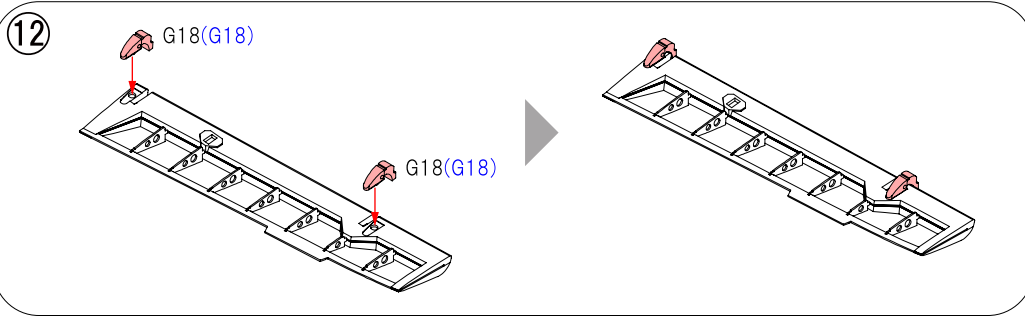
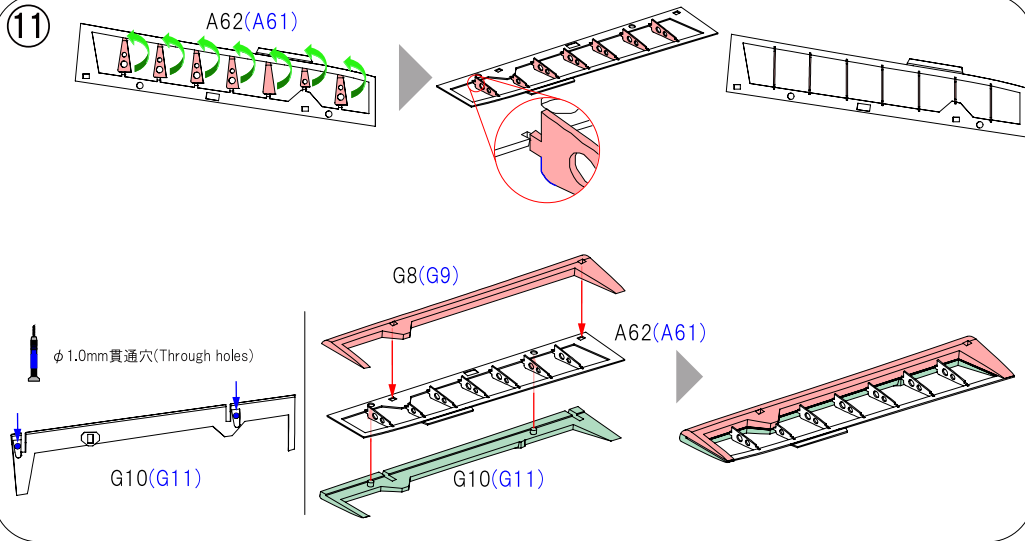
主翼 / Main wing



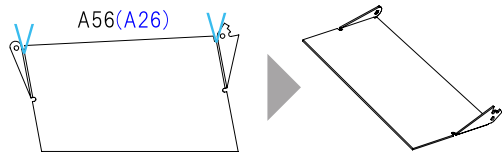
■ 工程⑤ について、閉じでの組み立てと開きでの組み立てのどちらかをお選び頂けます。
 ■ You have two options for radiator shutter assembly: close mode attitude or open mode attitude.
 尚、組み立て後の閉じ・開きの変更は出来ません。
 Note that you will NOT be able to change it after assembly







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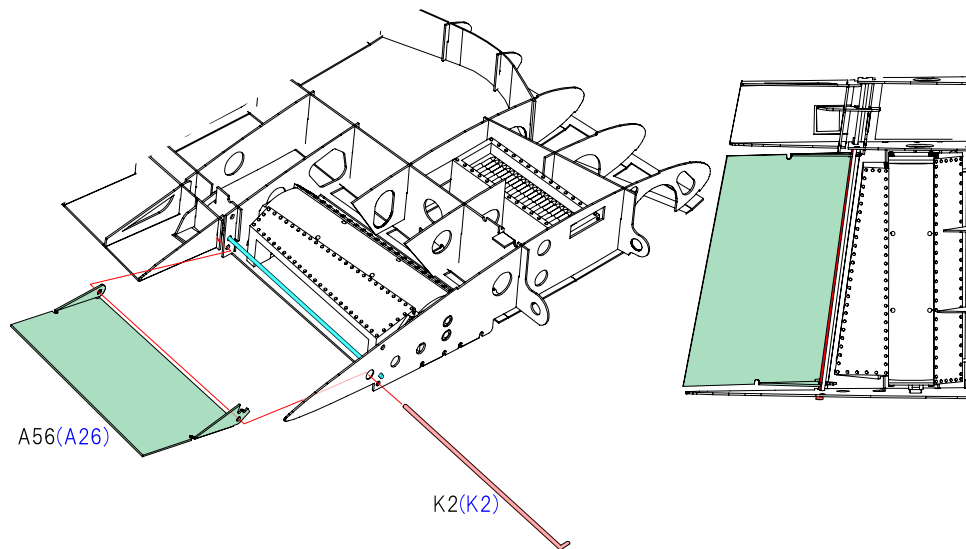


ピアノ線/Piano wire



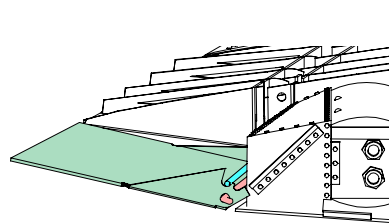
ピアノ線の切断は、切断したい位置でペンチ等ではさみ、曲げ、曲げ戻しを数回繰り返すと切断されます。

To cut wire, bend it back and forth with pliers at the cutting point.

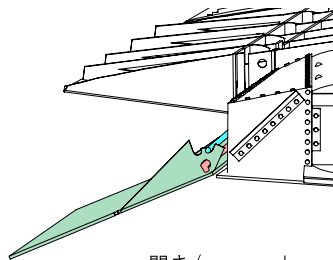


A56(A26)

K2(K2)



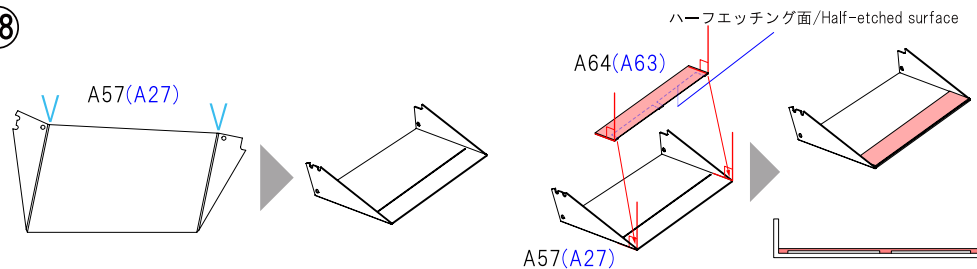
閉じ/close mode



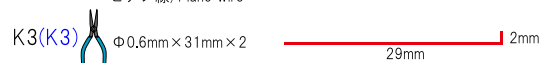
開き/open mode

可動部 / Movable parts

18

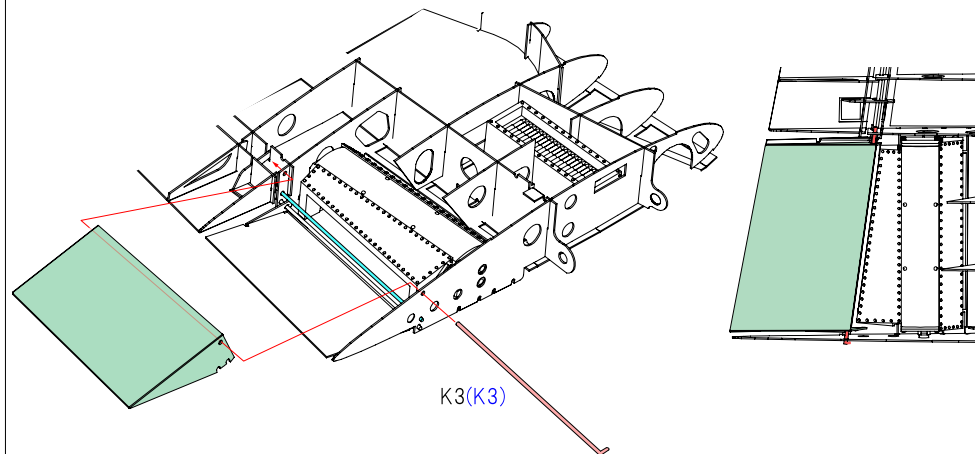


ピアノ線/Piano wire

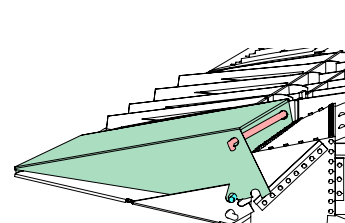


ピアノ線の切断は、切断したい位置でペンチ等ではさみ、曲げ、曲げ戻しを数回繰り返すと切断されます。

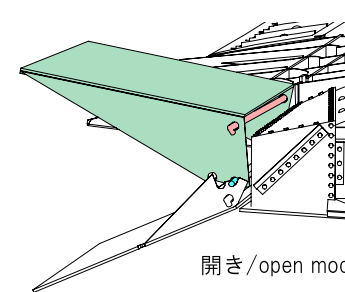
To cut wire, bend it back and forth with pliers at the cutting point.



K3(K3)

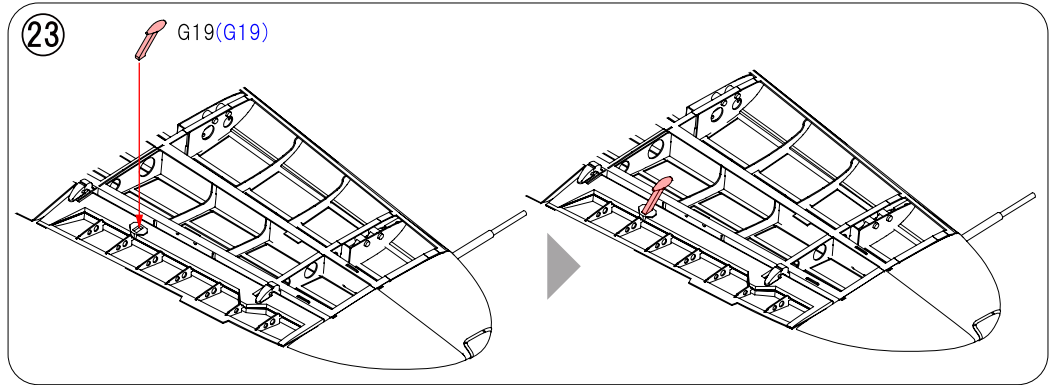
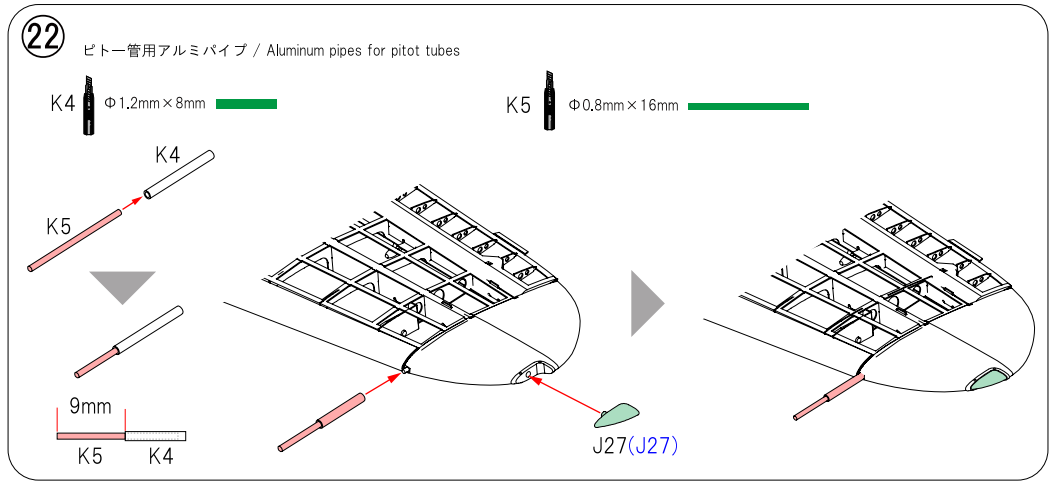
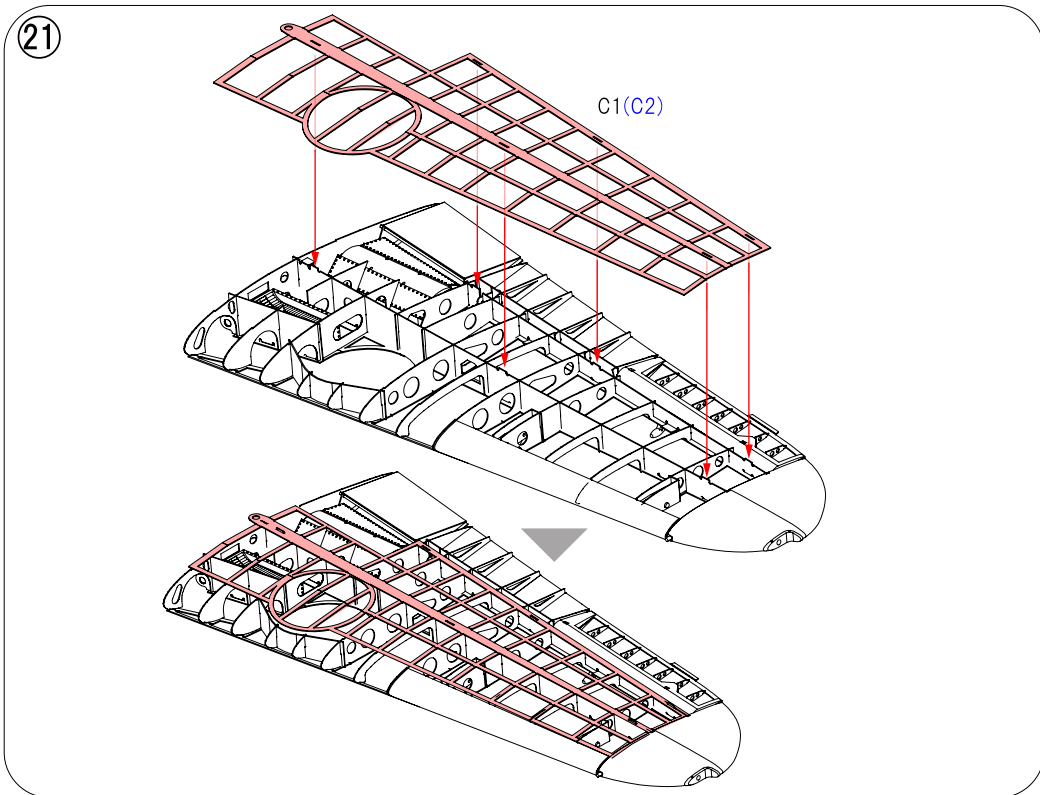
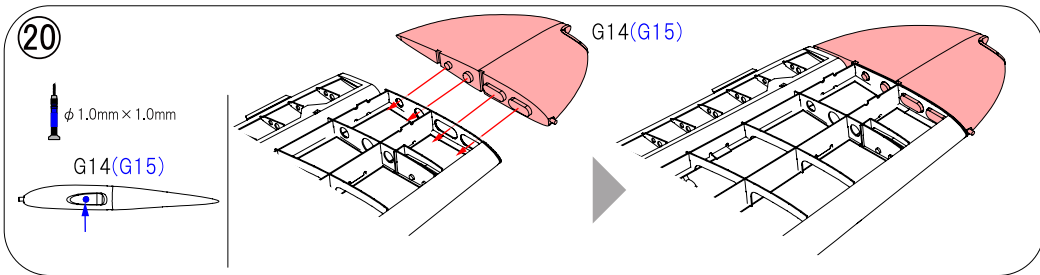
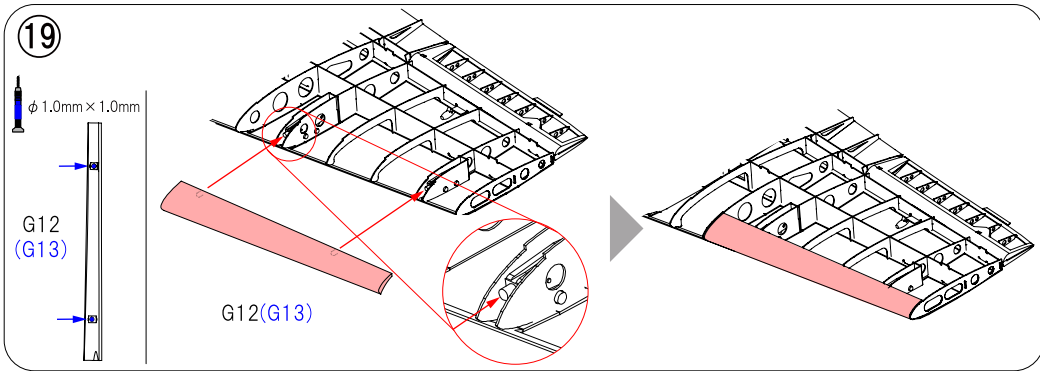


閉じ/close mode

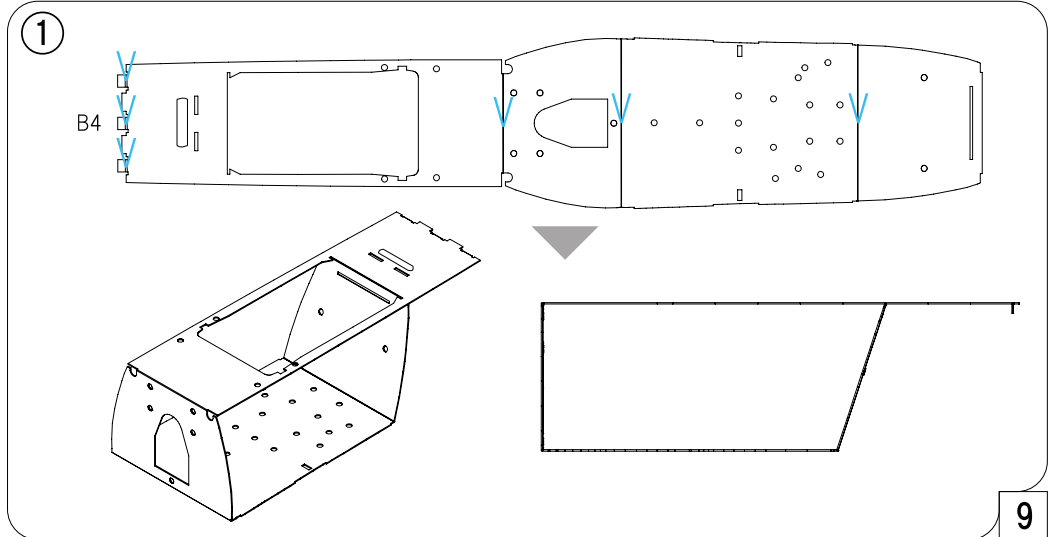


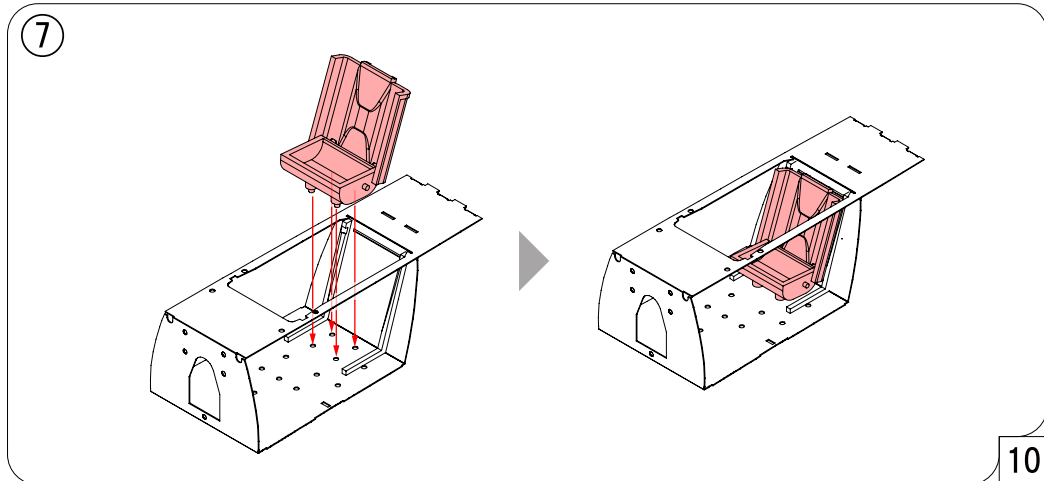
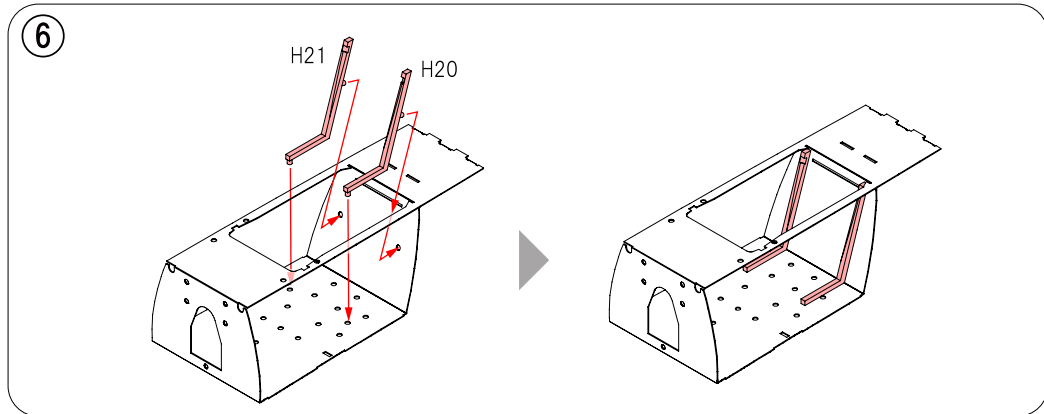
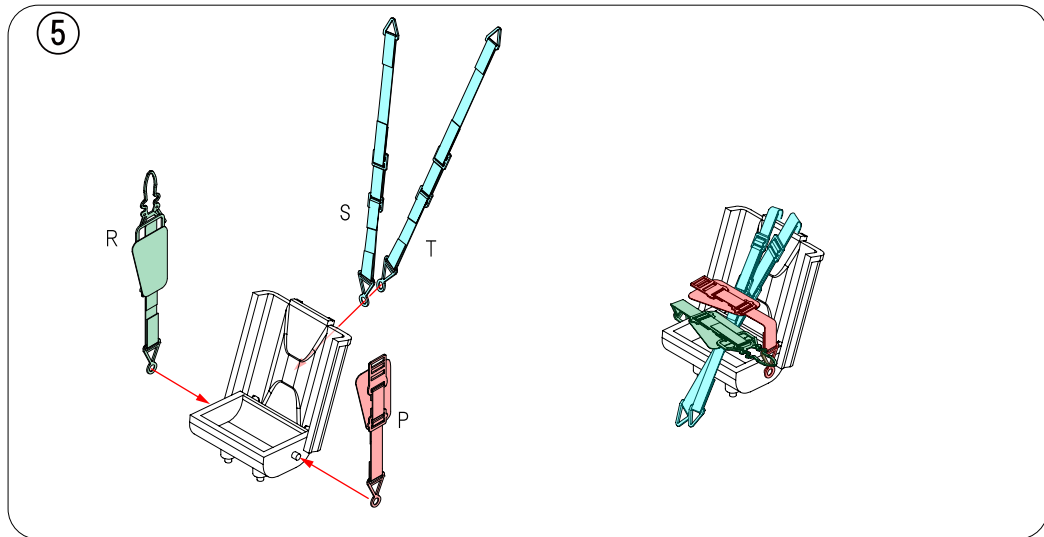
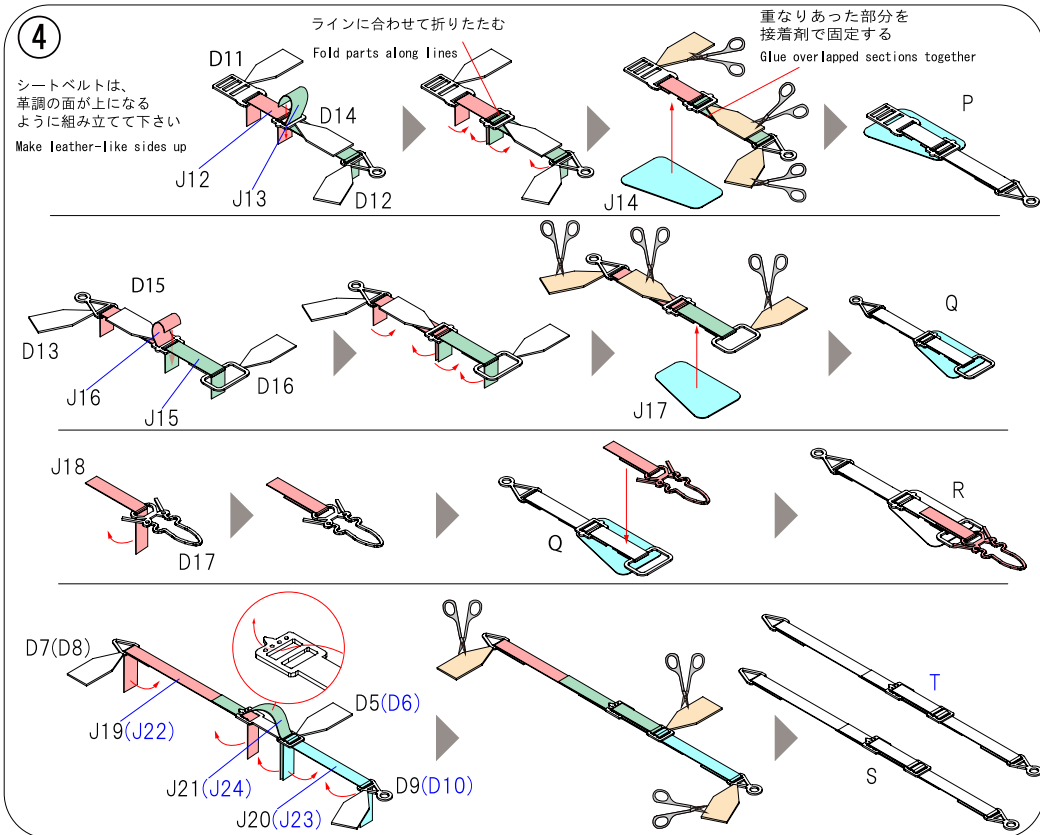
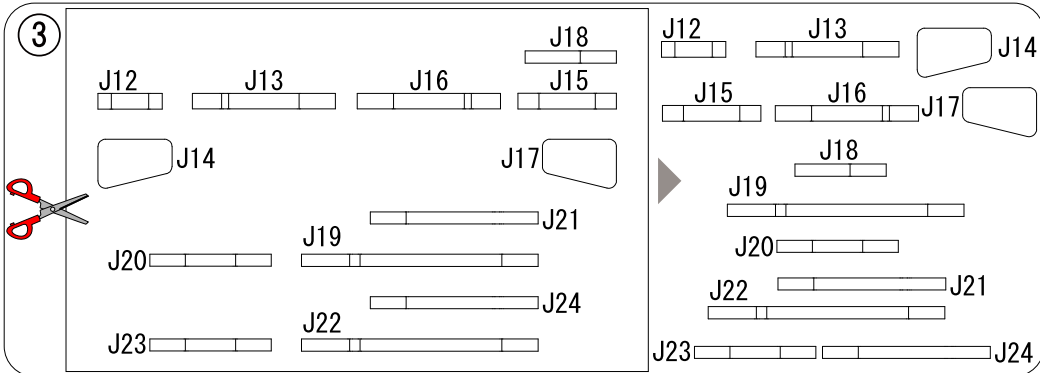
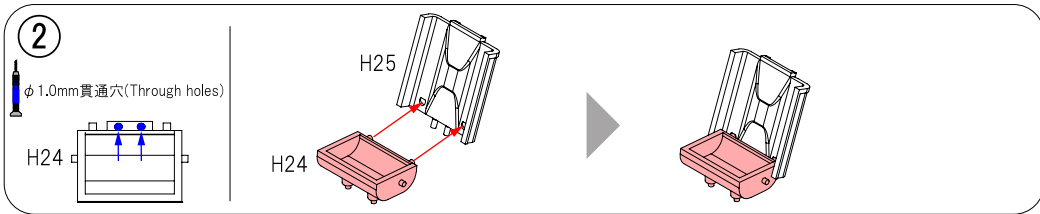
開き/open mode

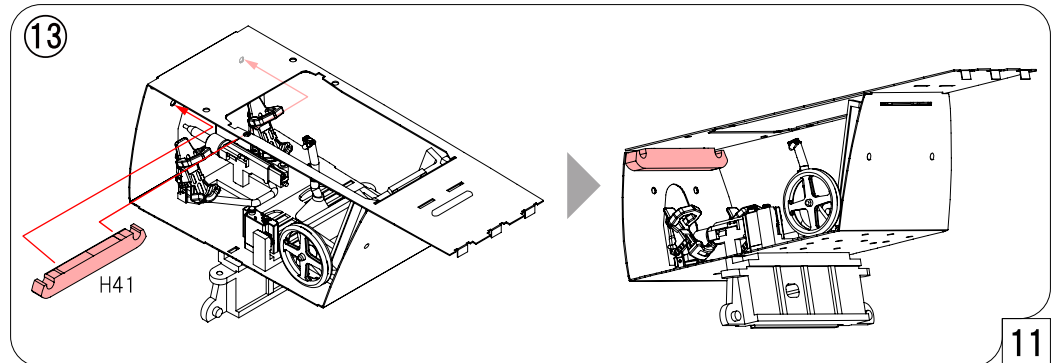
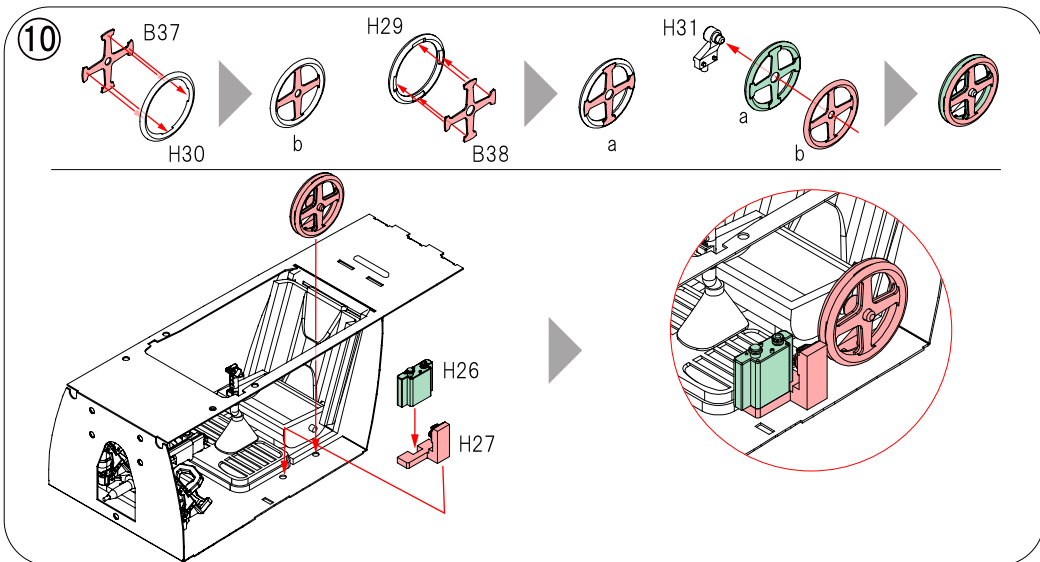
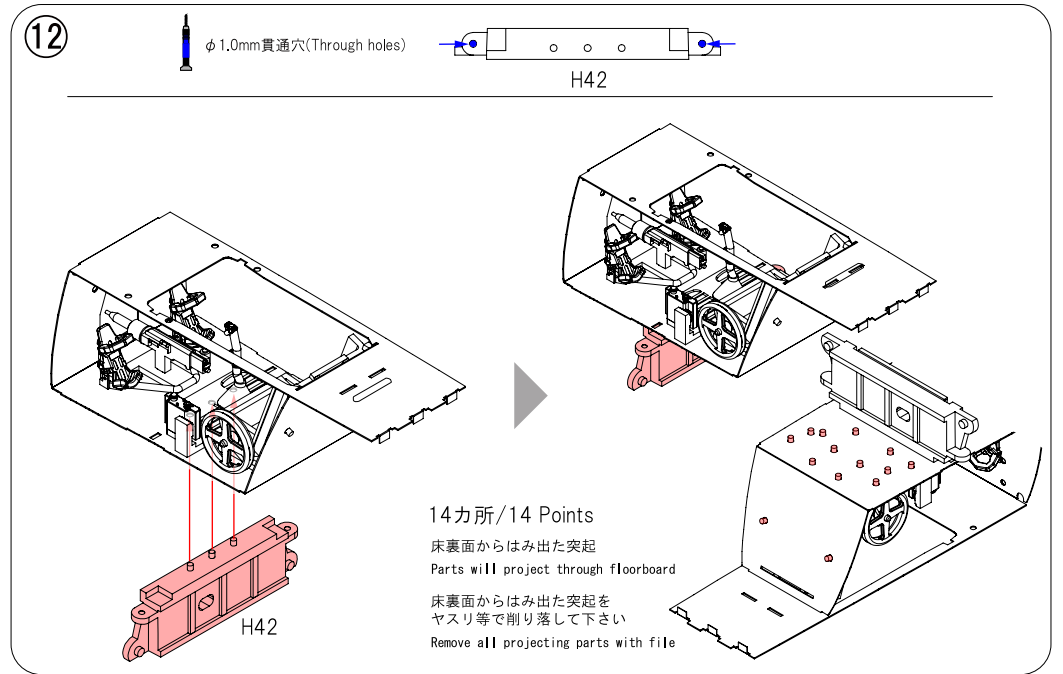
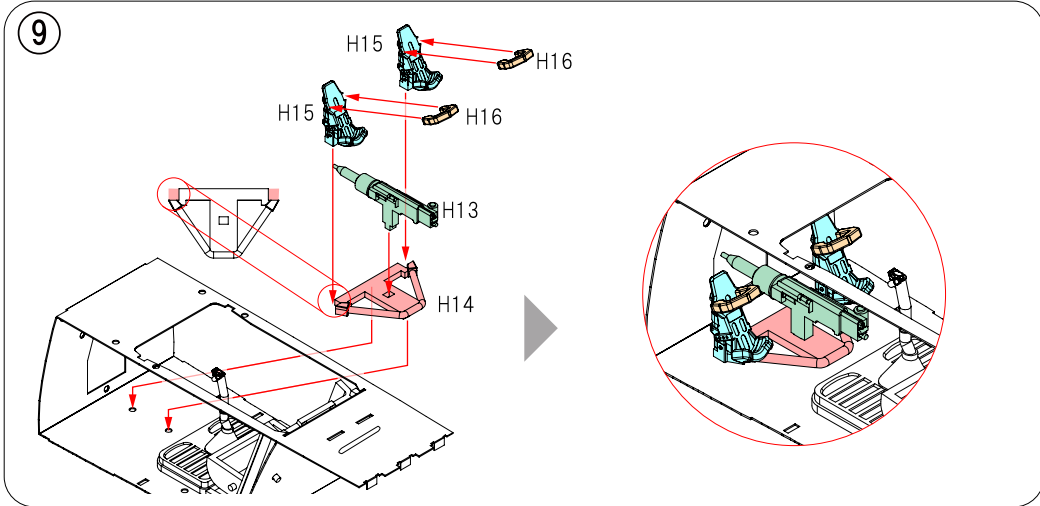
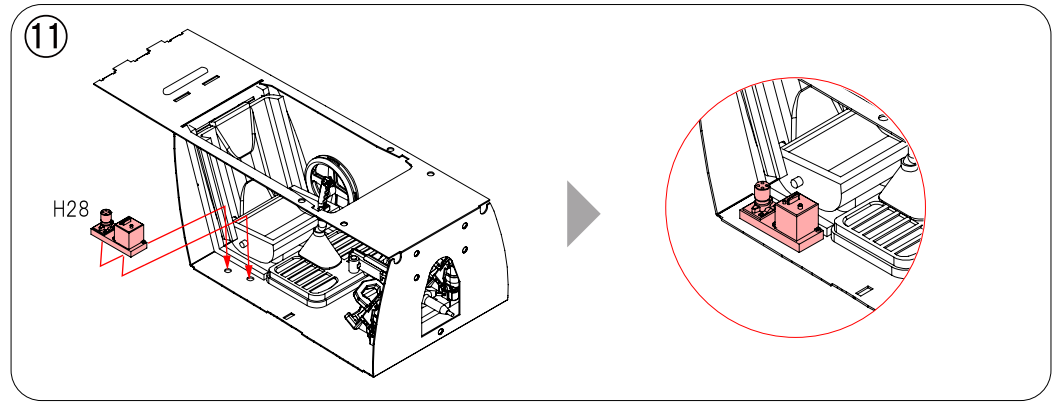
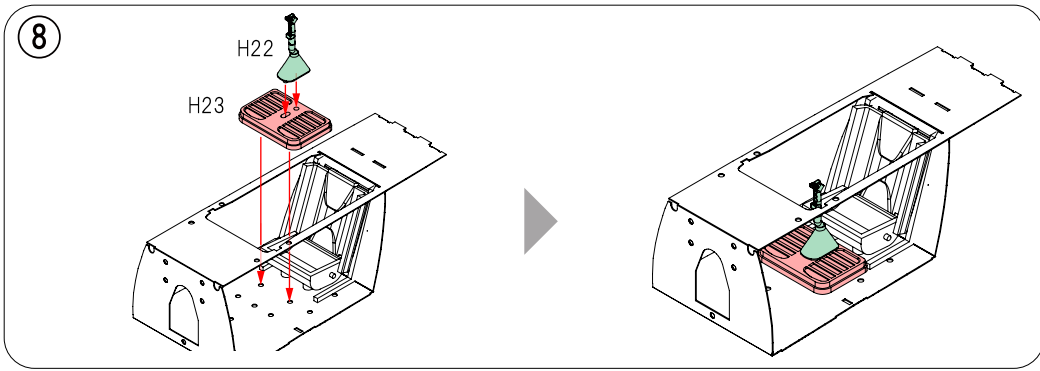
可動部 / Movable parts



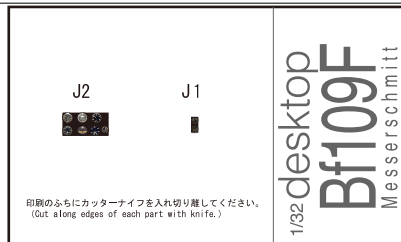
コックピット / Cockpit



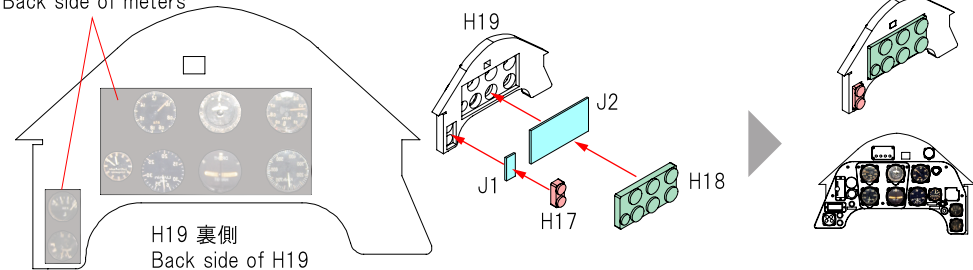




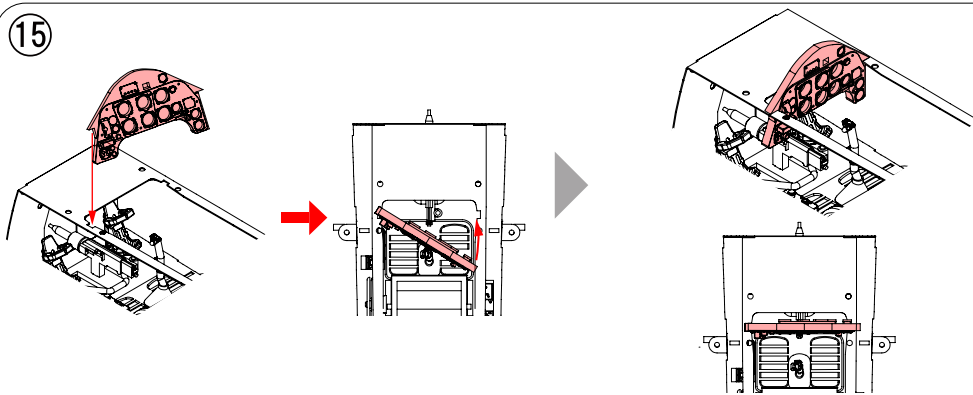
14



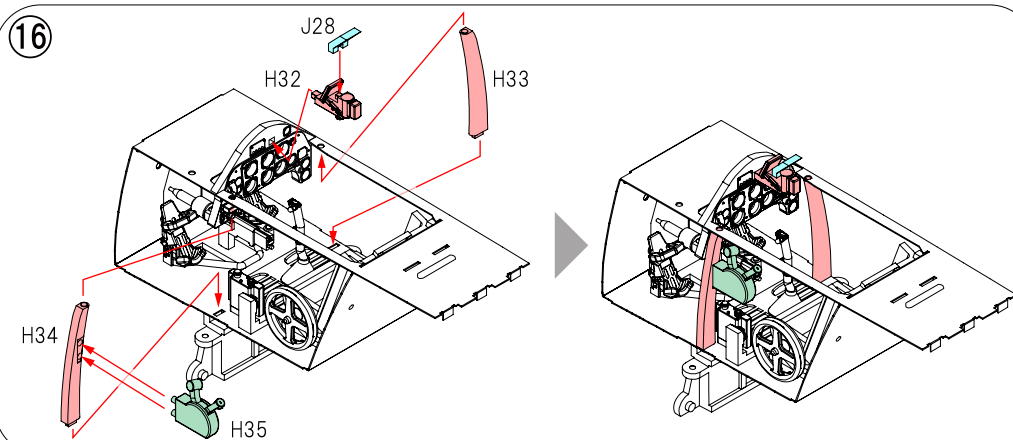
メーター裏面
Back side of meters



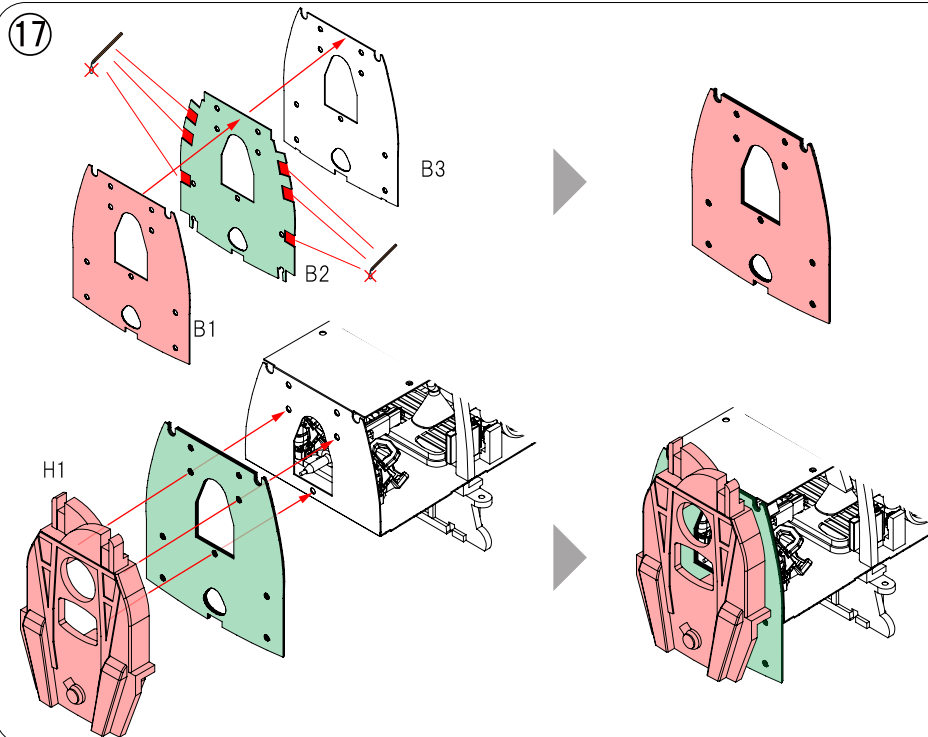
15



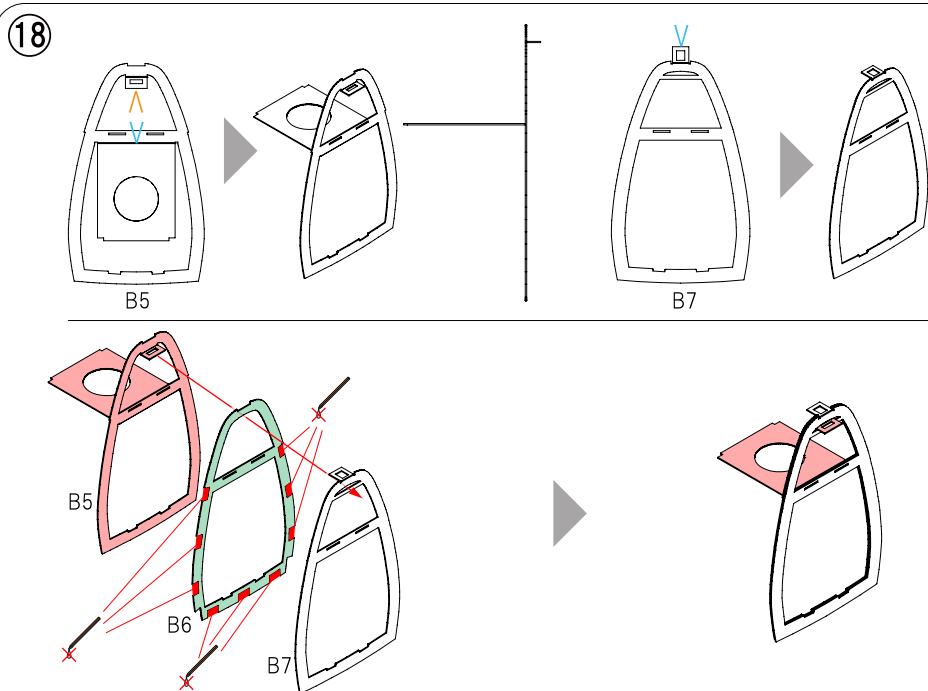
16

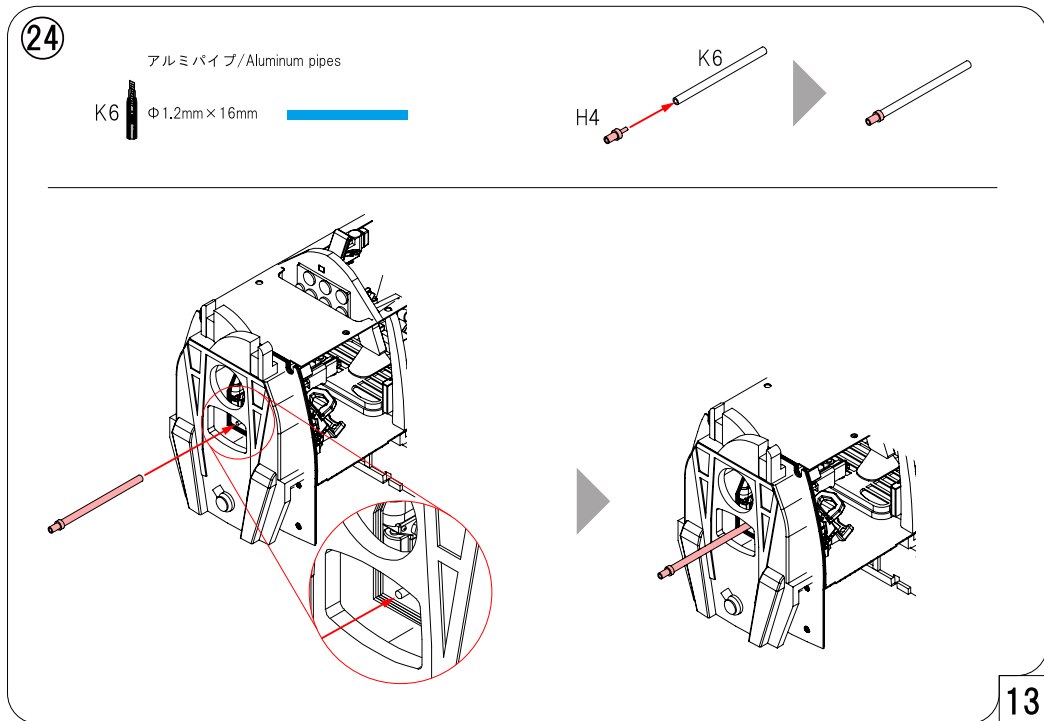
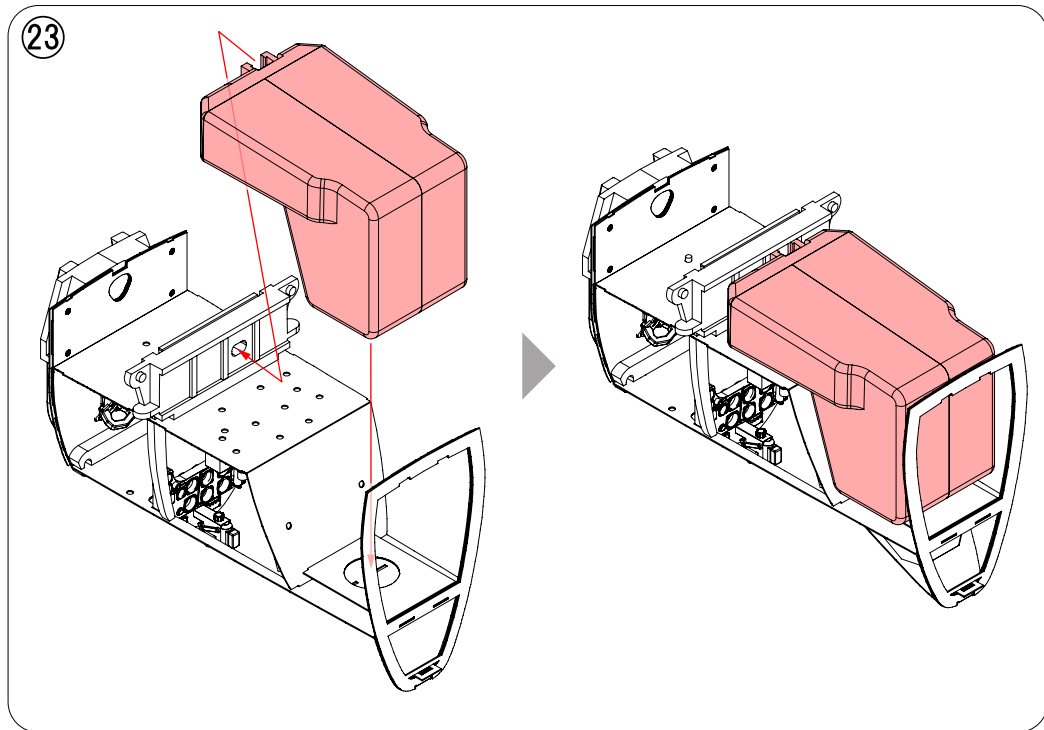
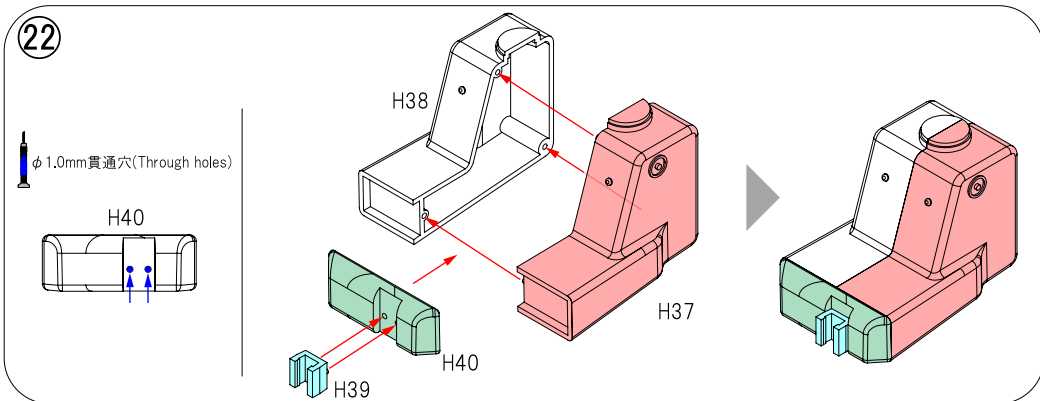
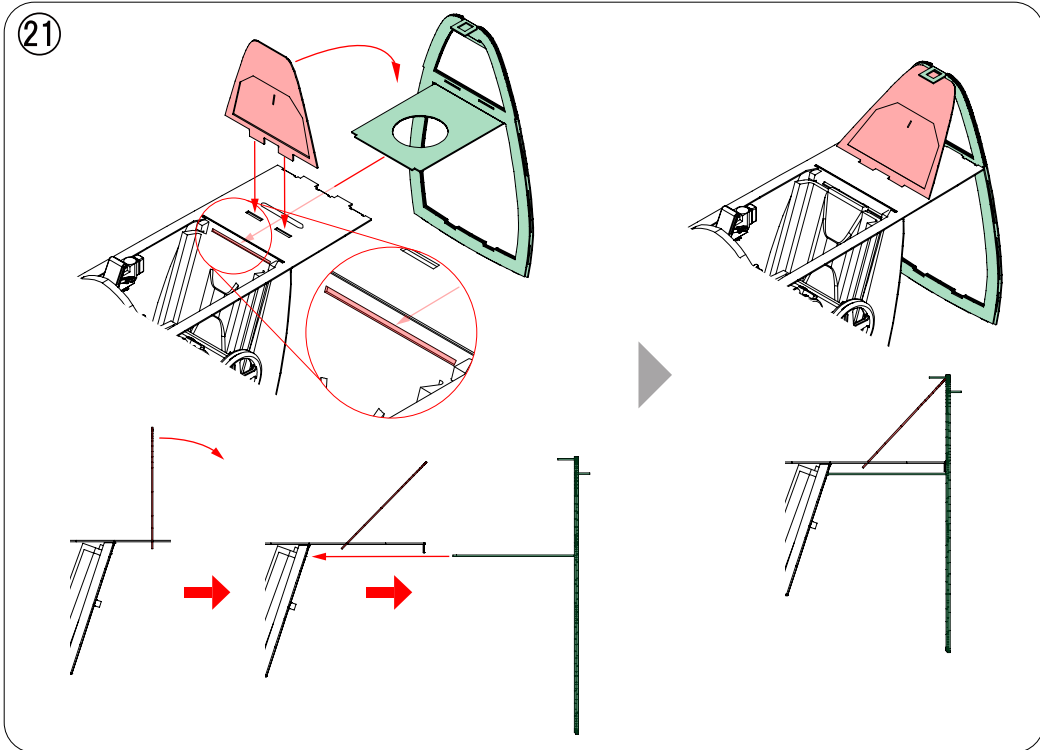
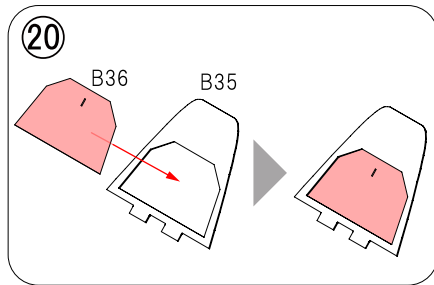
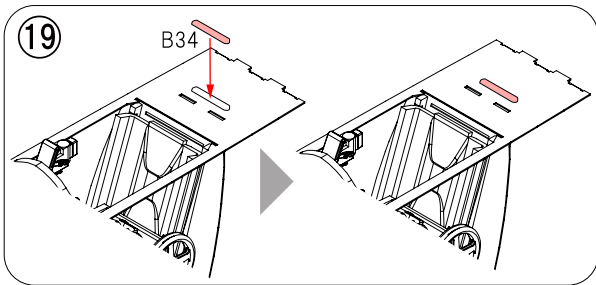


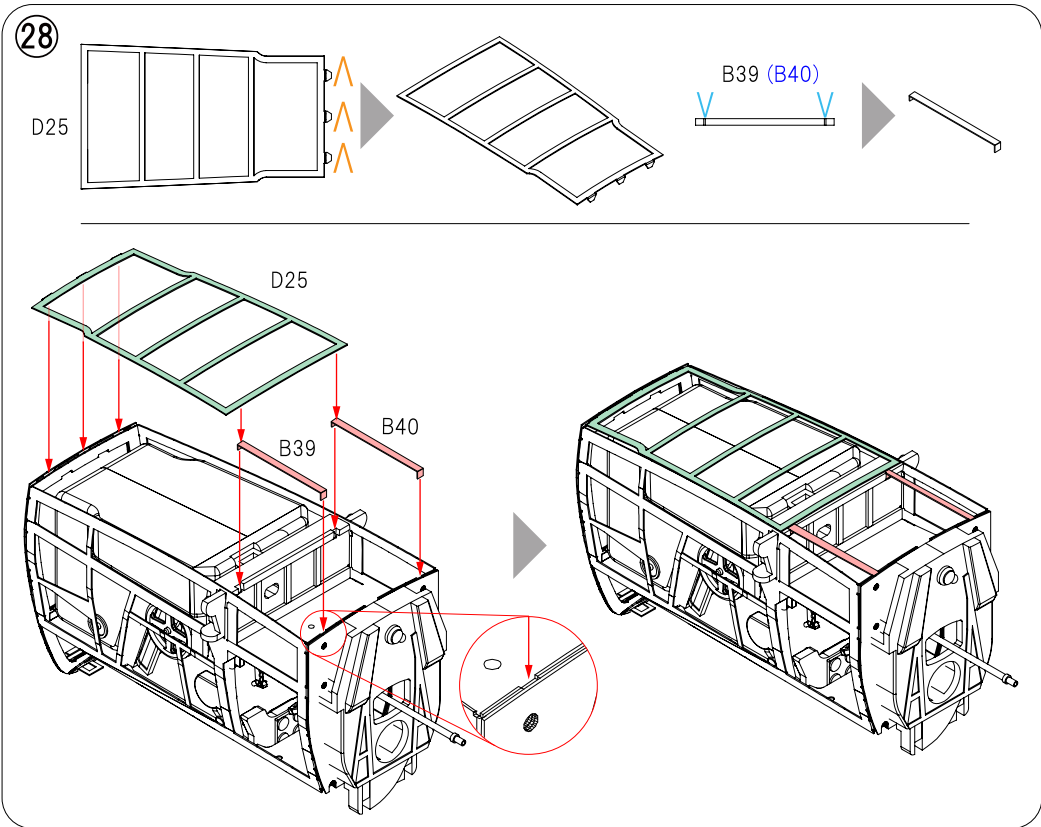
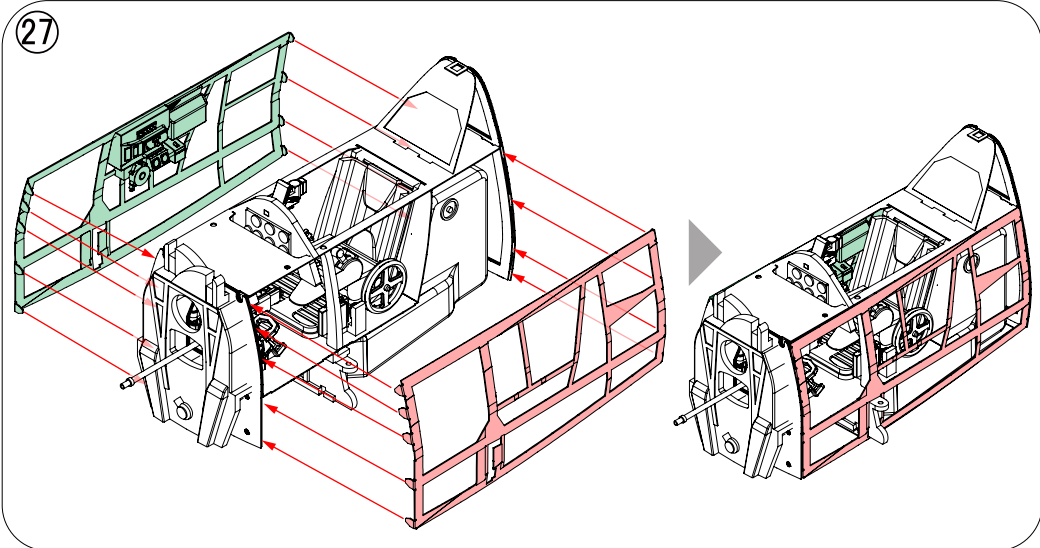
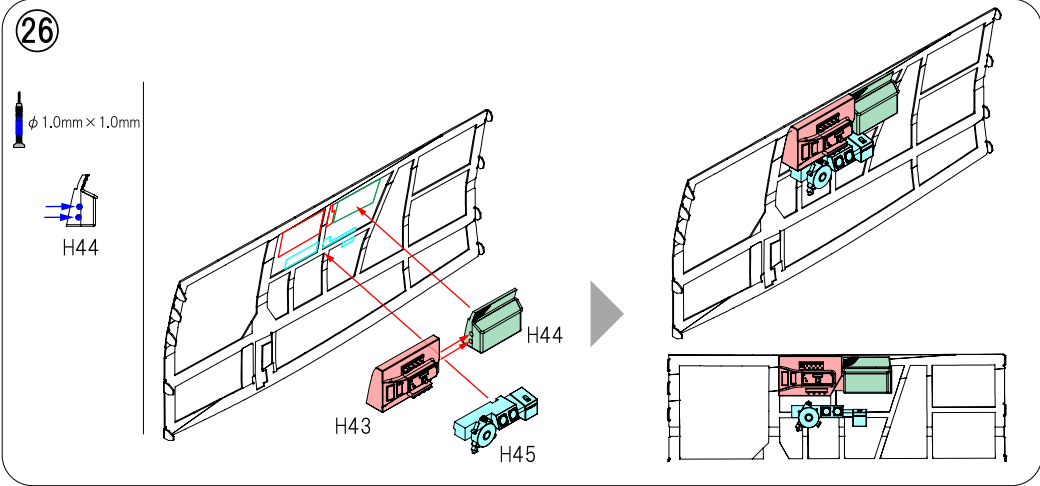
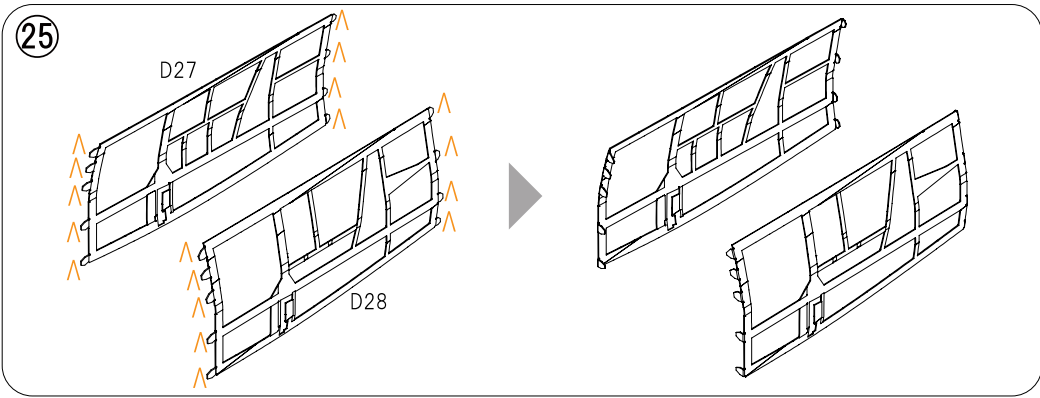
17



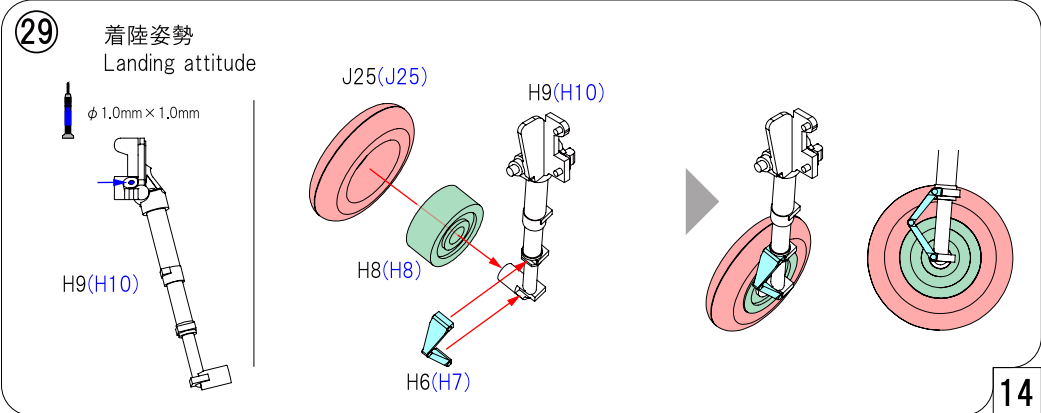
18





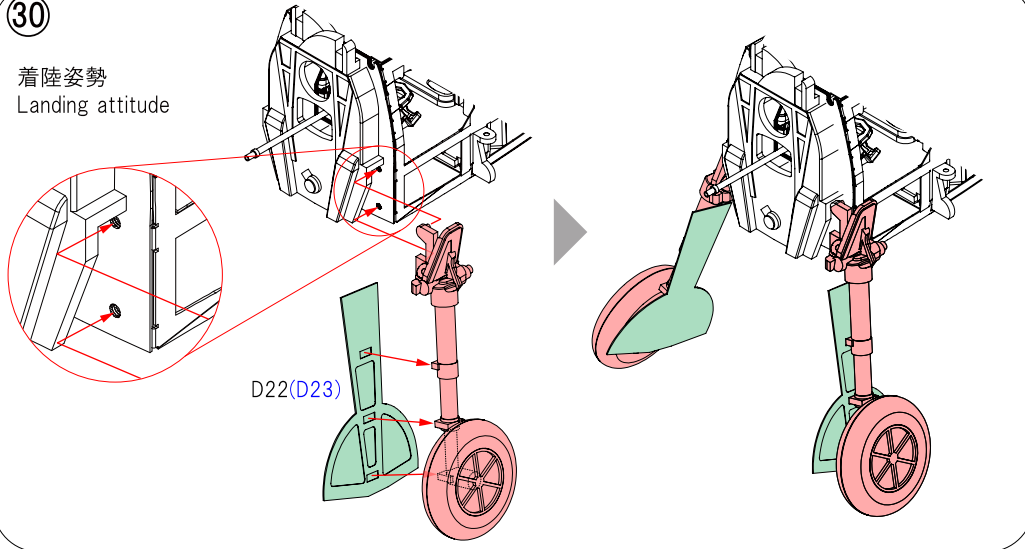


■本キットは着陸姿勢での組み立てと飛行姿勢での組み立てのどちらかをお選び頂けます。
 ■You have two options for landing gear assembly: landing attitude or flight attitude.
 尚、組み立て後の着艦姿勢・飛行姿勢の変更は出来ません。
 Note that you will NOT be able to change it after assembly



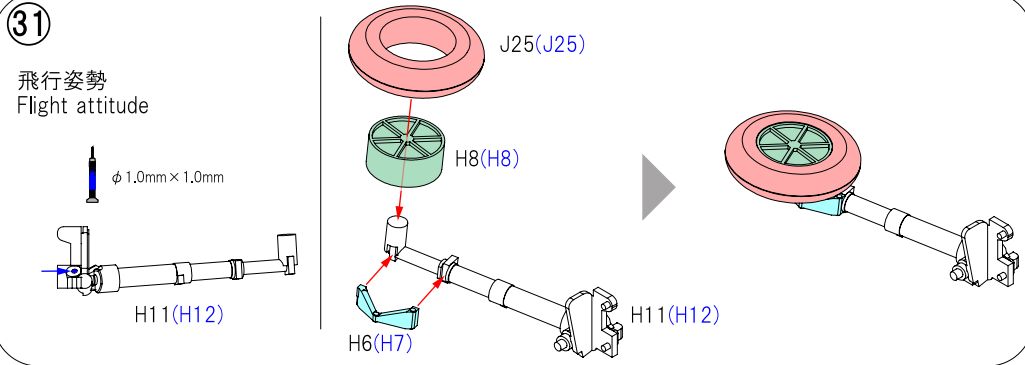
30

着陸姿勢
Landing attitude



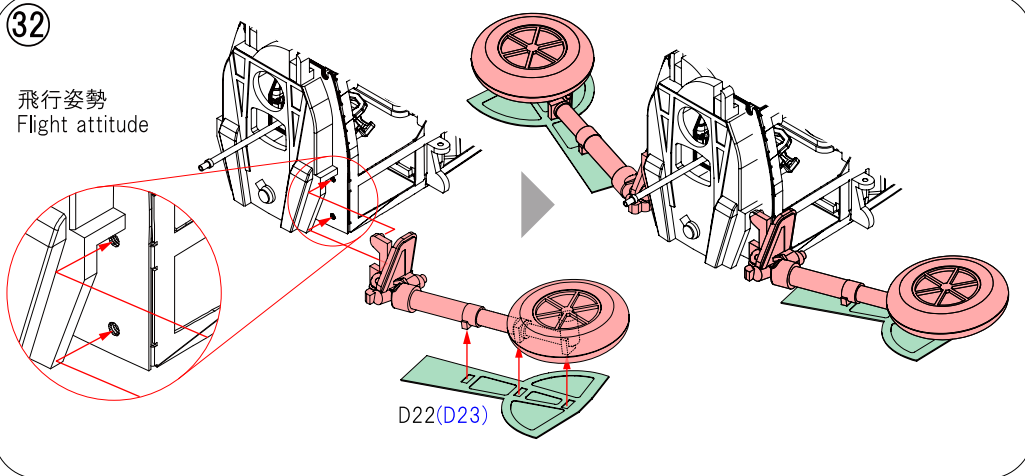
31

飛行姿勢
Flight attitude



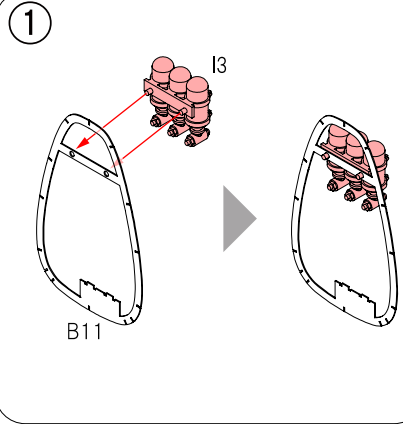
32

飛行姿勢
Flight attitude

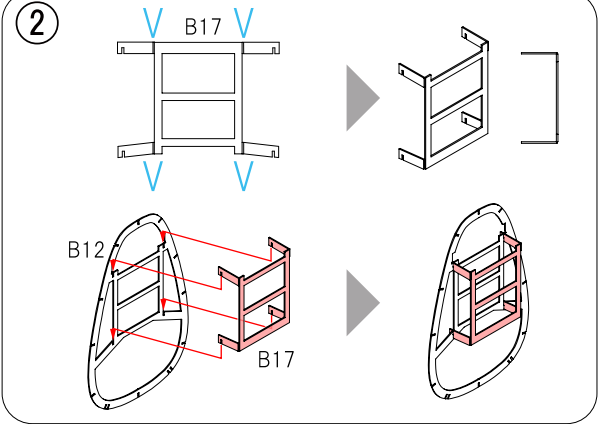


尾部 / Tail

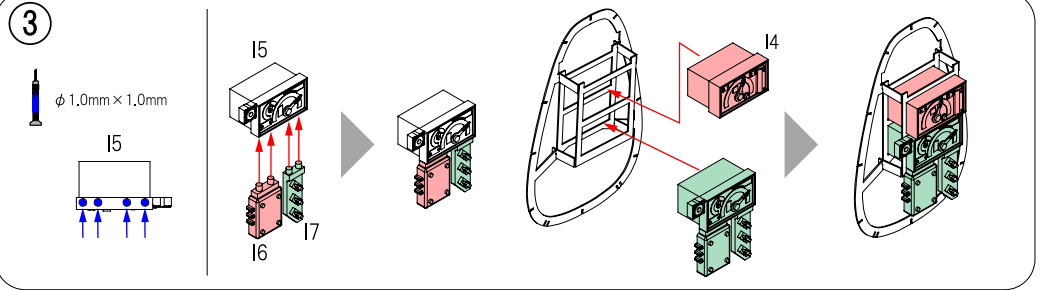
1



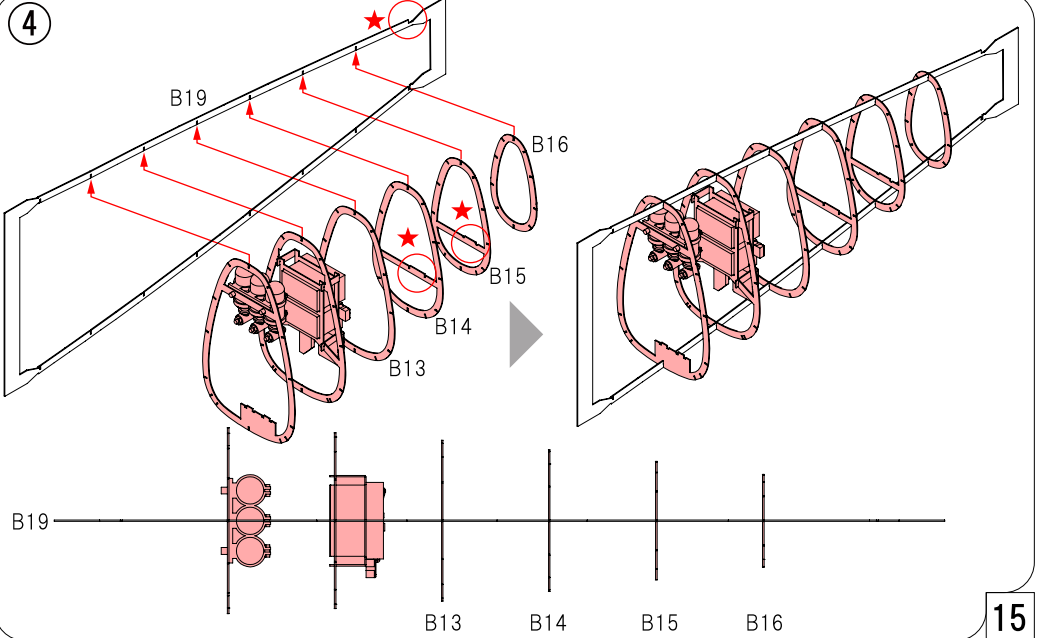
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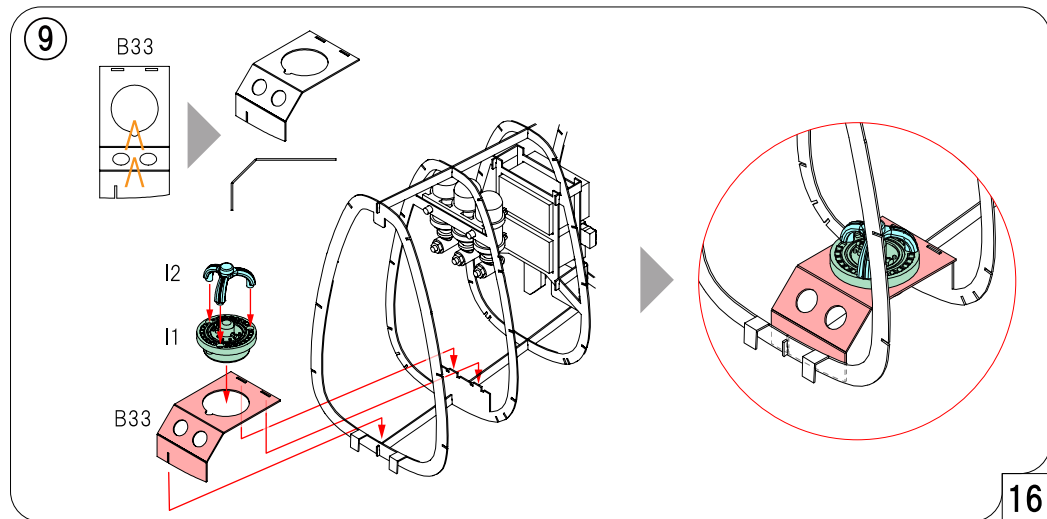
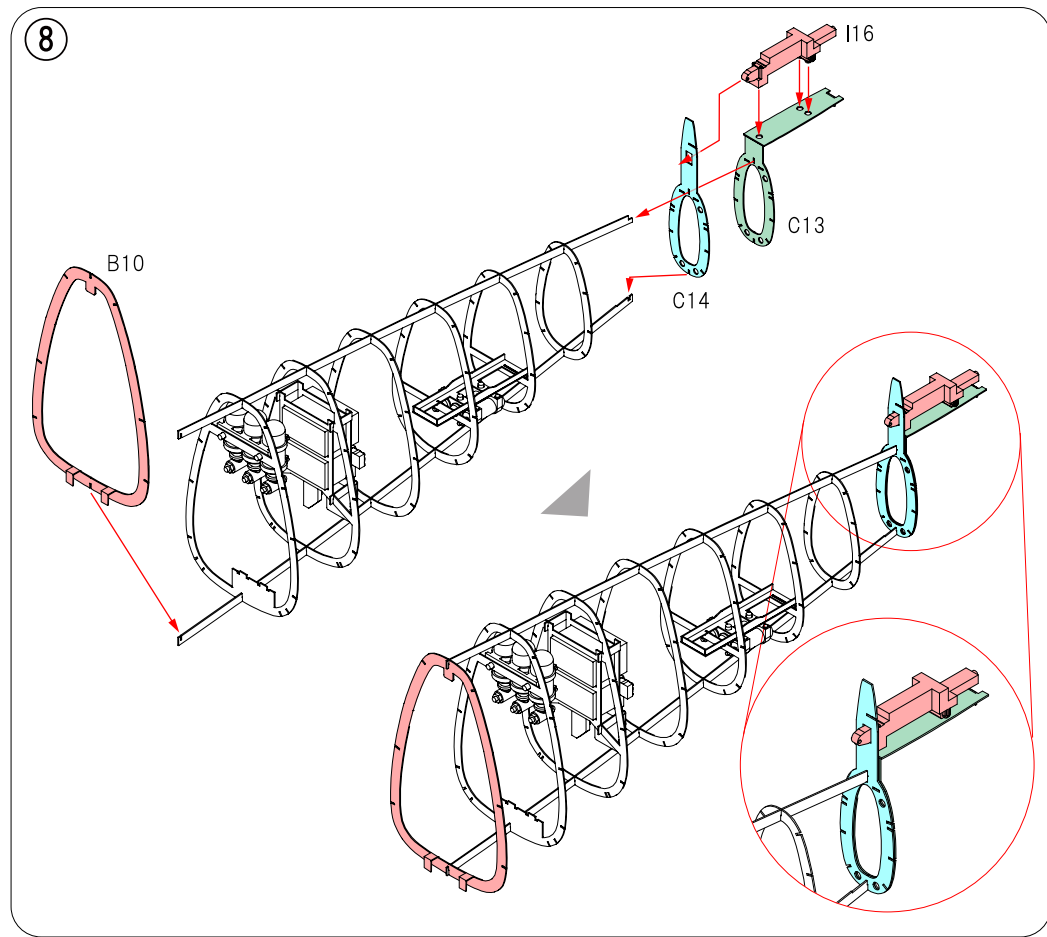
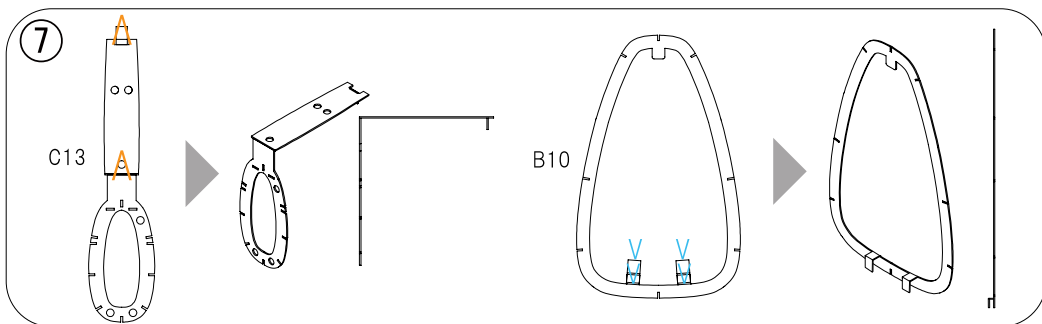
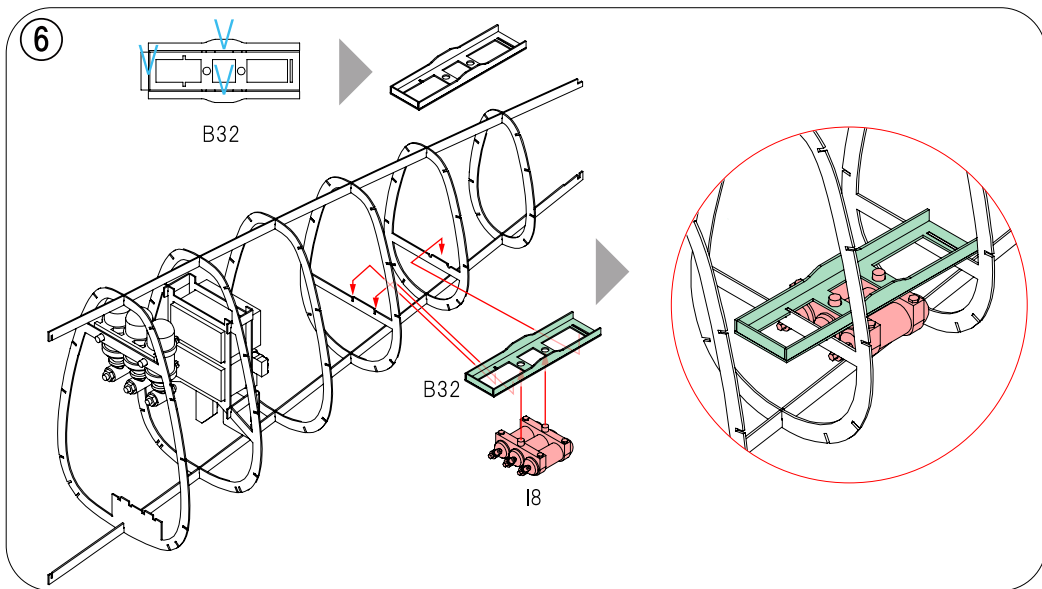
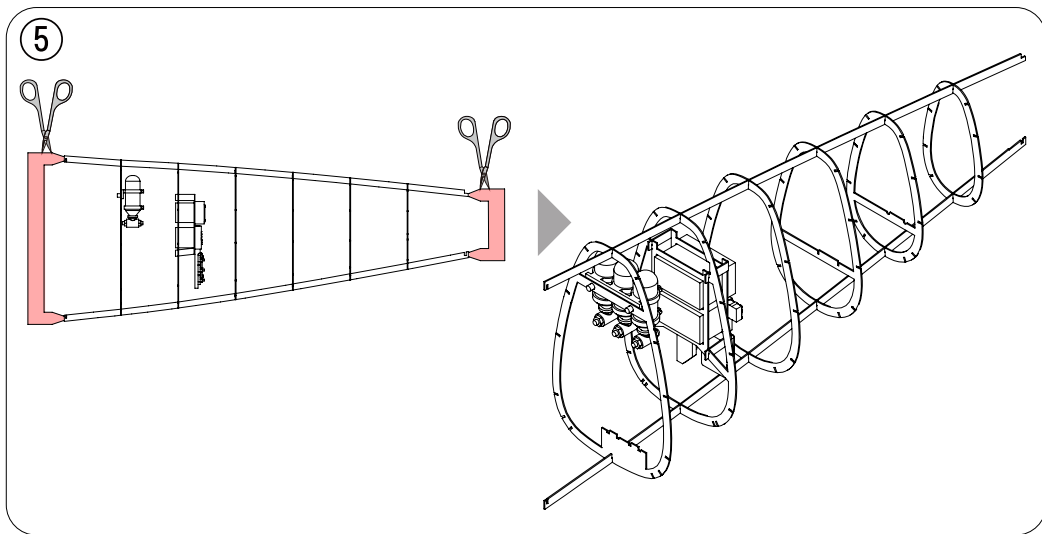


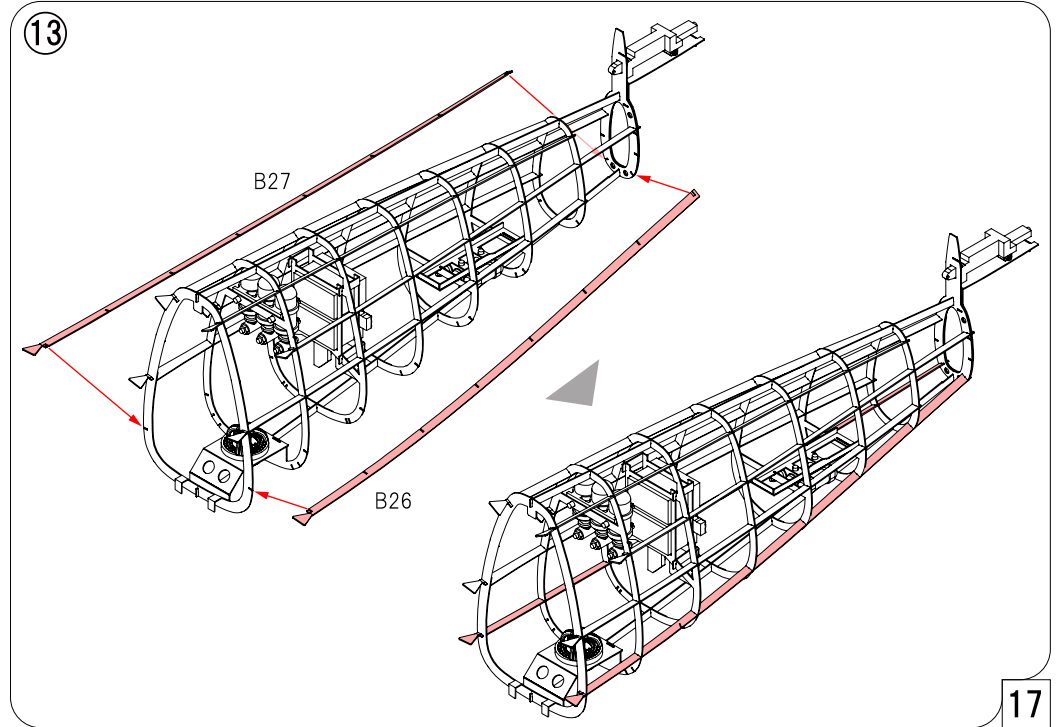
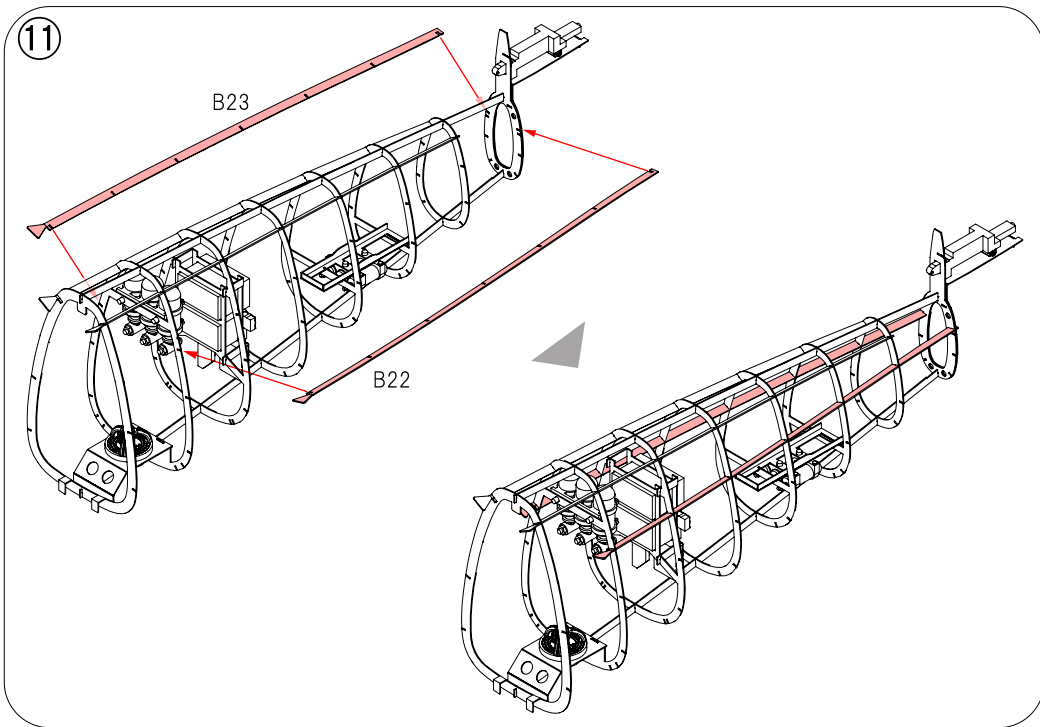
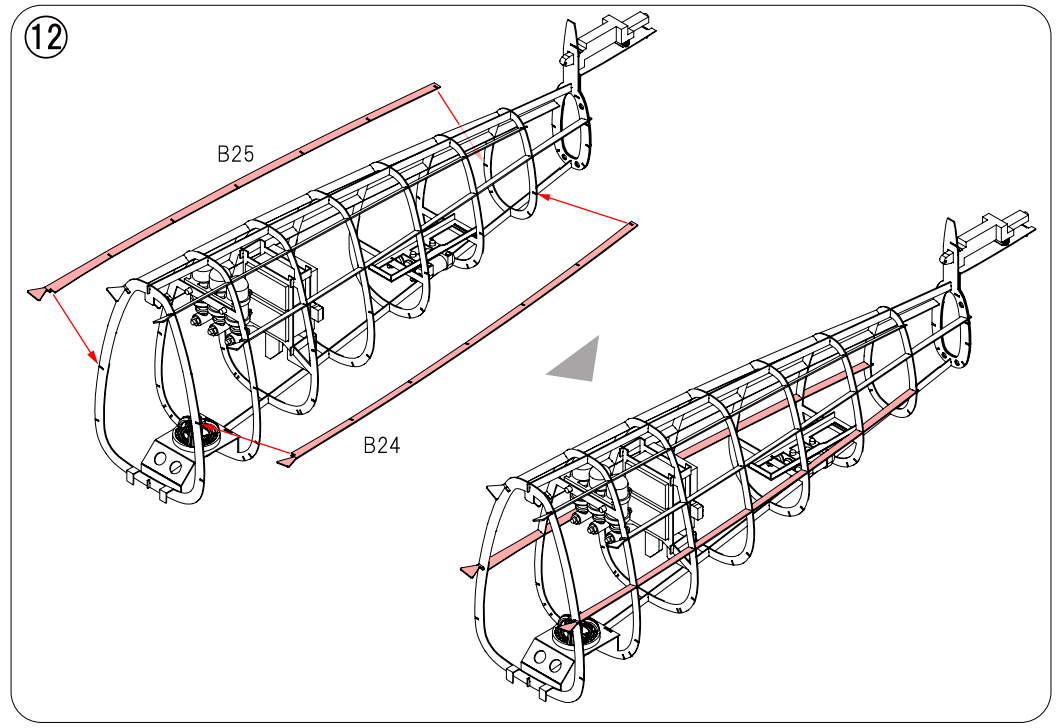
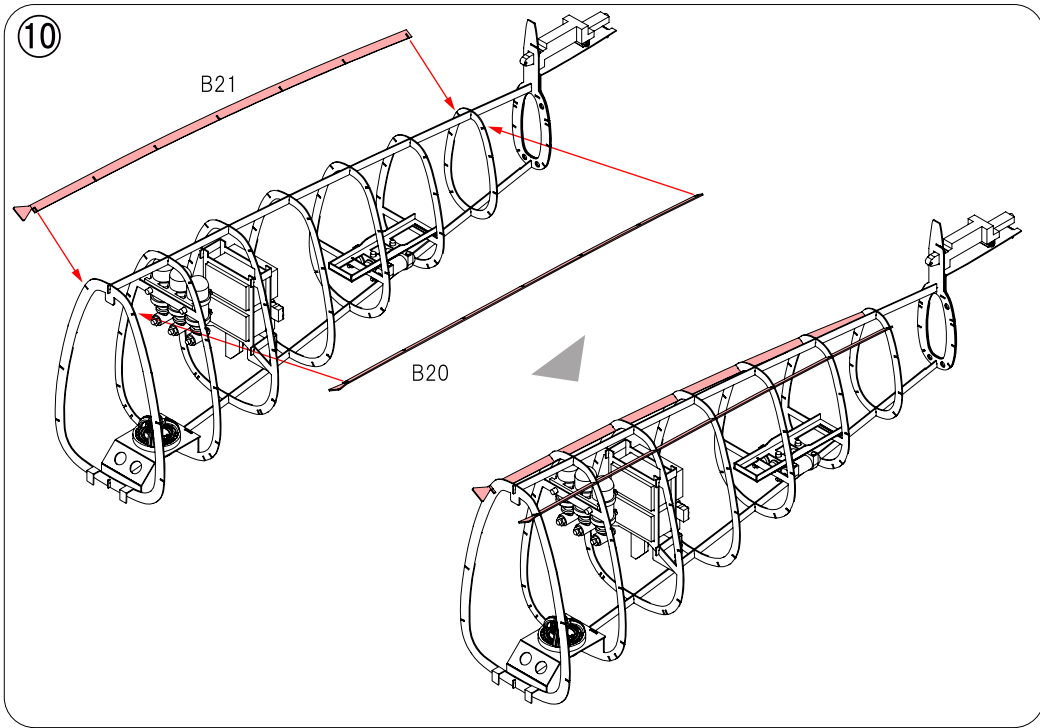
3



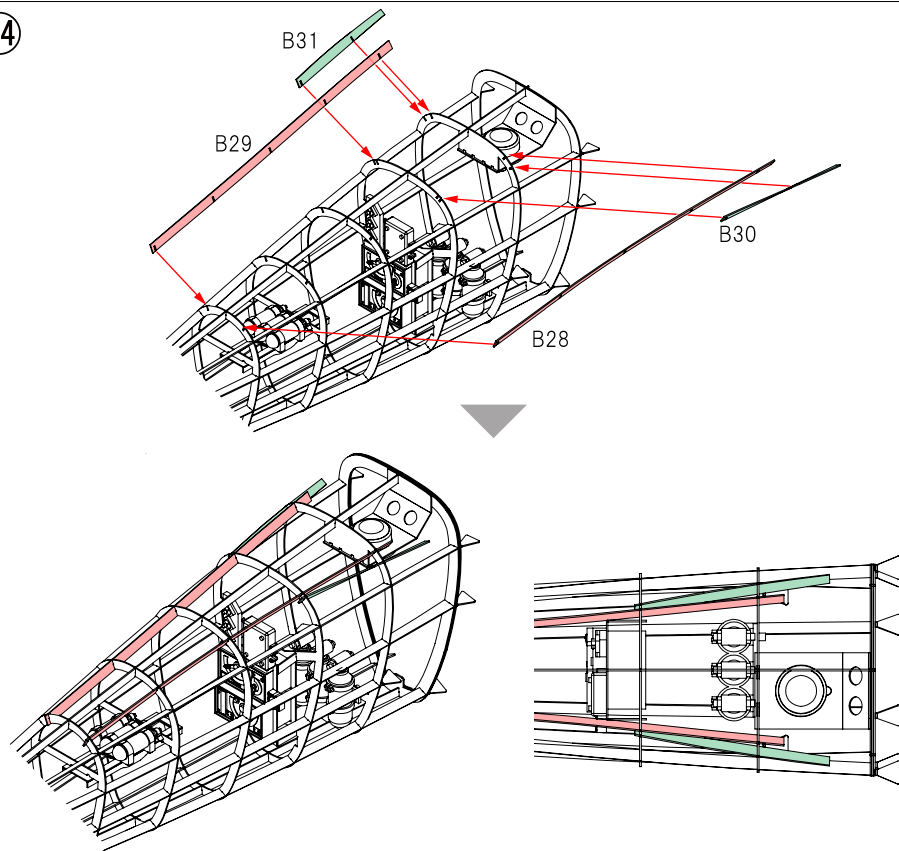
4



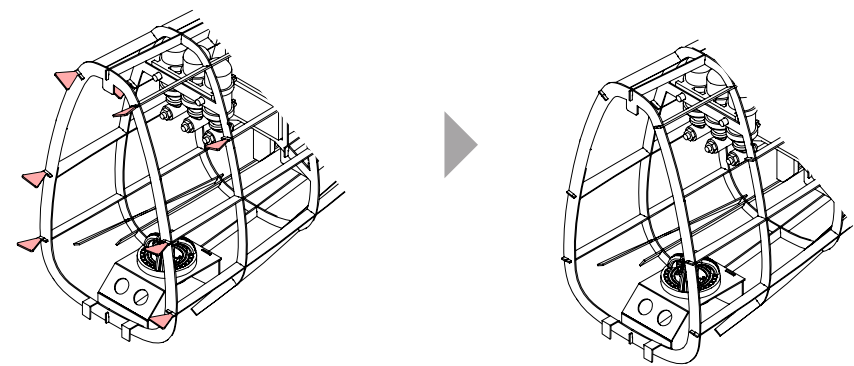
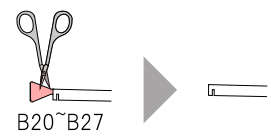




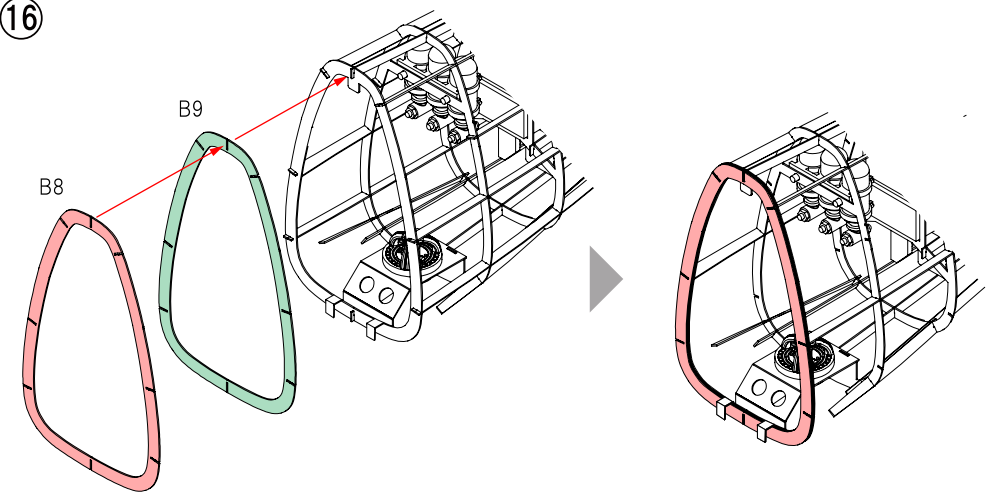
14



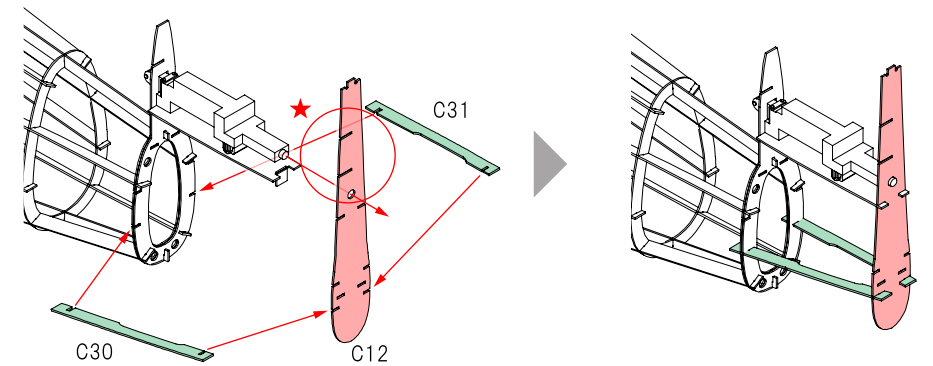
15



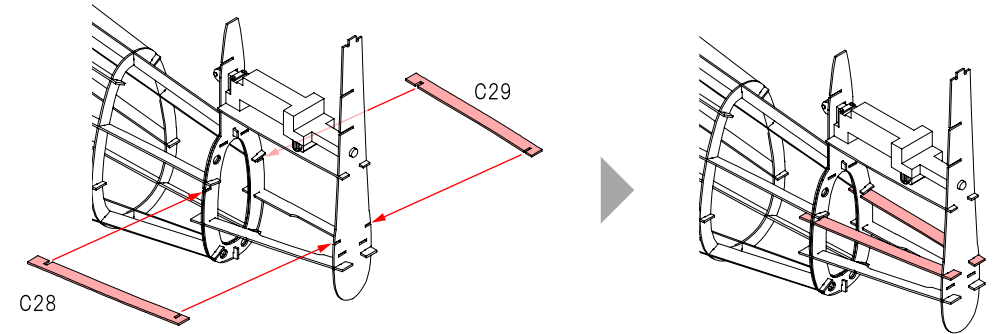
16



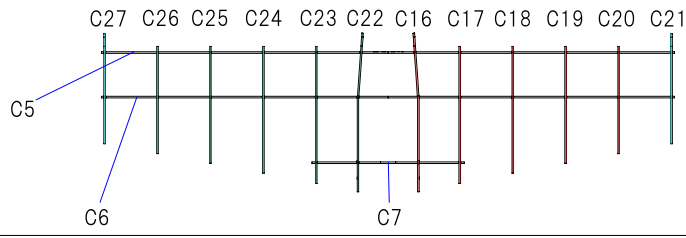
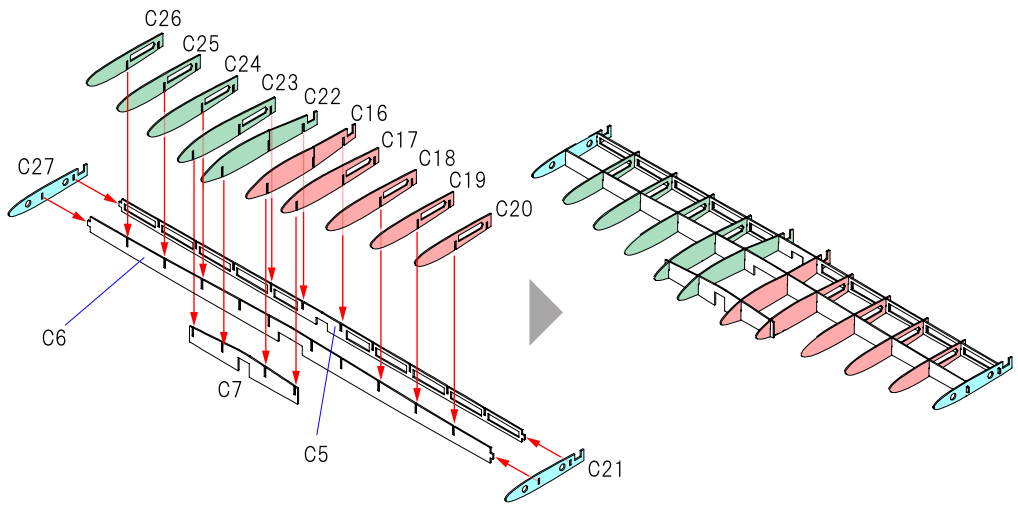
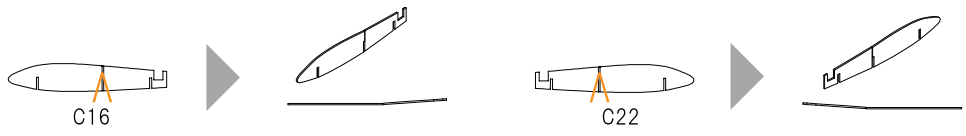
17



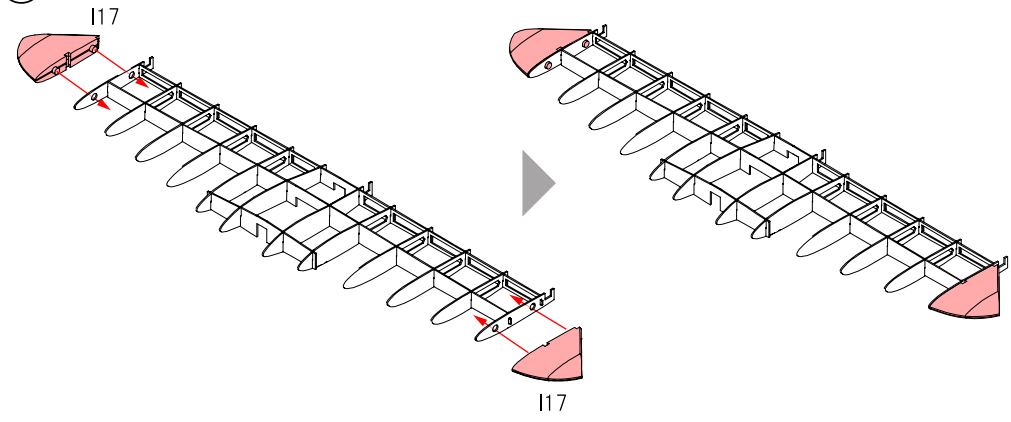
18



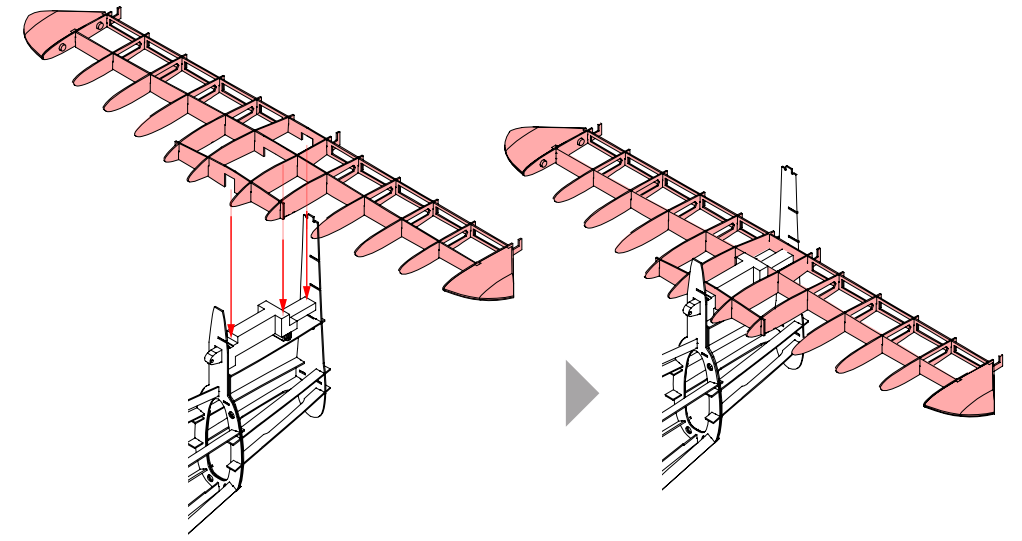
19



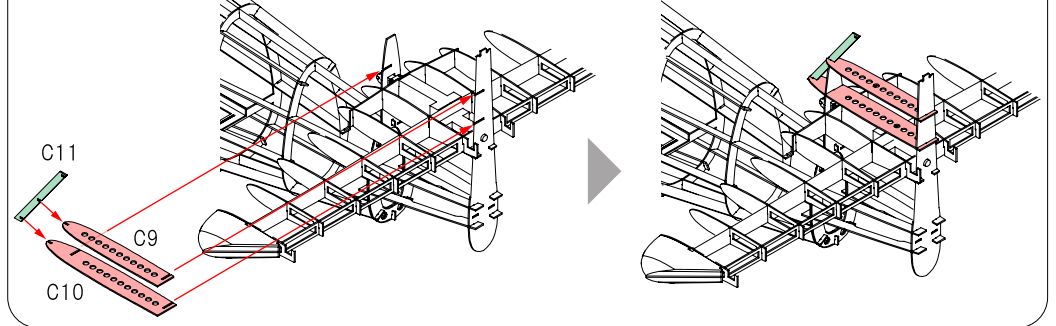
20



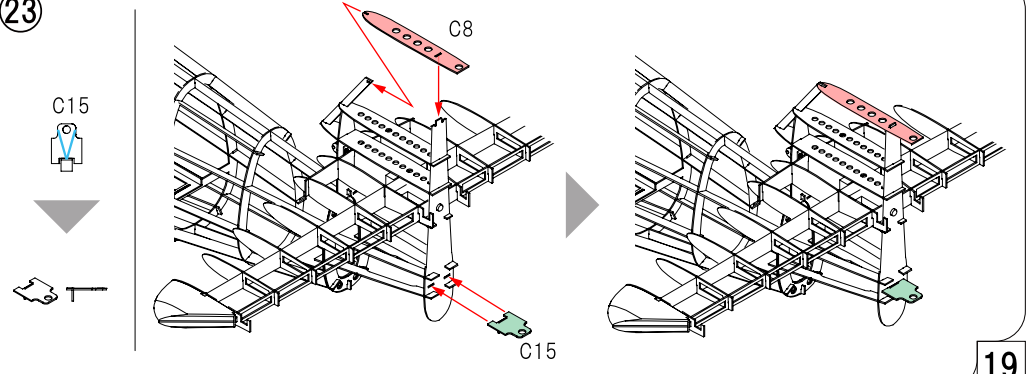
21



22



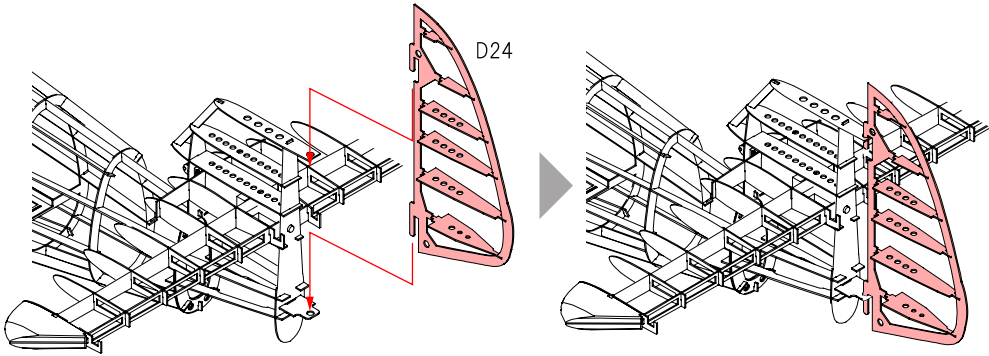
23



24

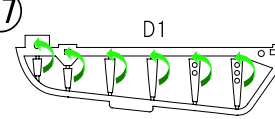


D24

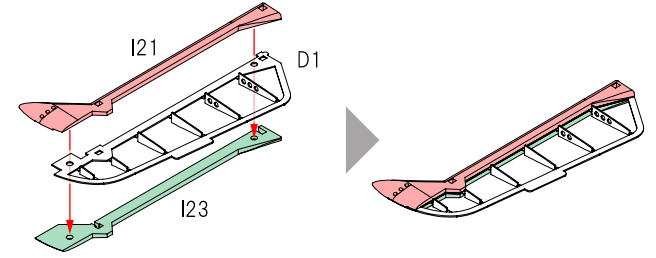
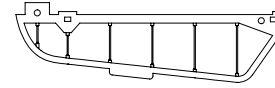


D24

27



D1

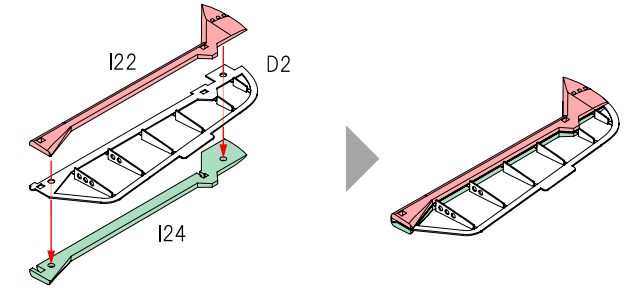
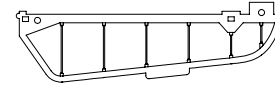
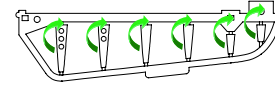


I21

D1

I23

D2

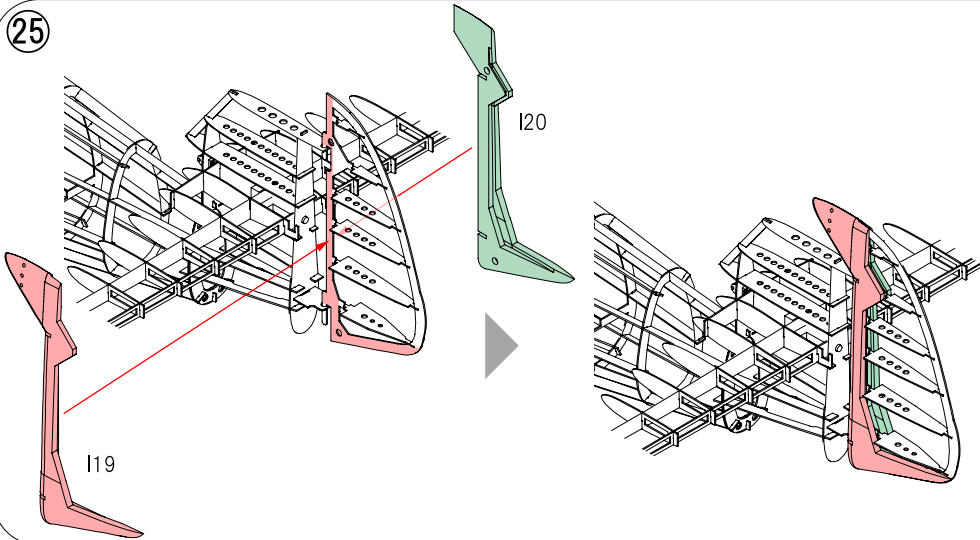


I22

D2

I24

25



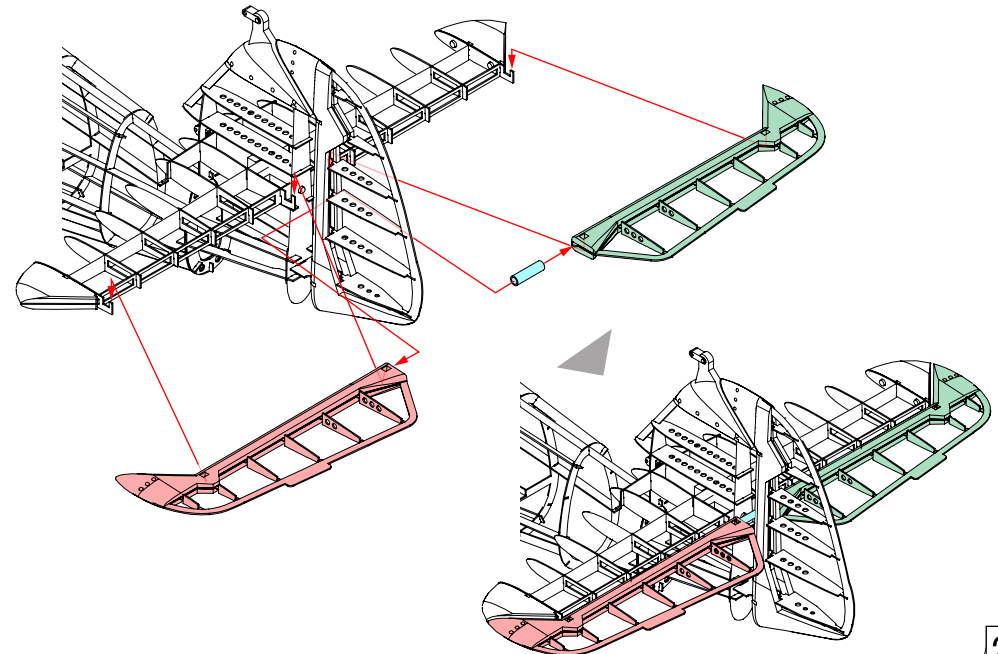
I20

I19

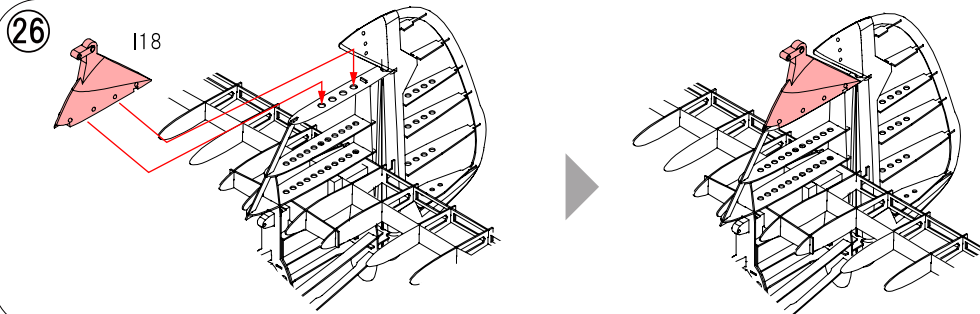
29

アルミパイプ/Aluminum pipes

K7 $\Phi 1.4\text{mm} \times 5\text{mm}$



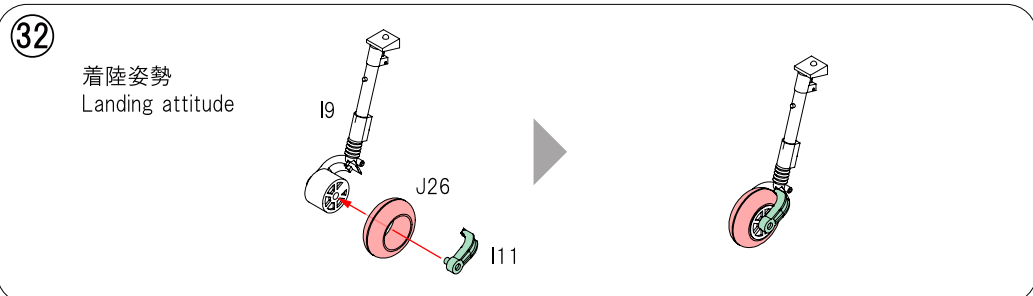
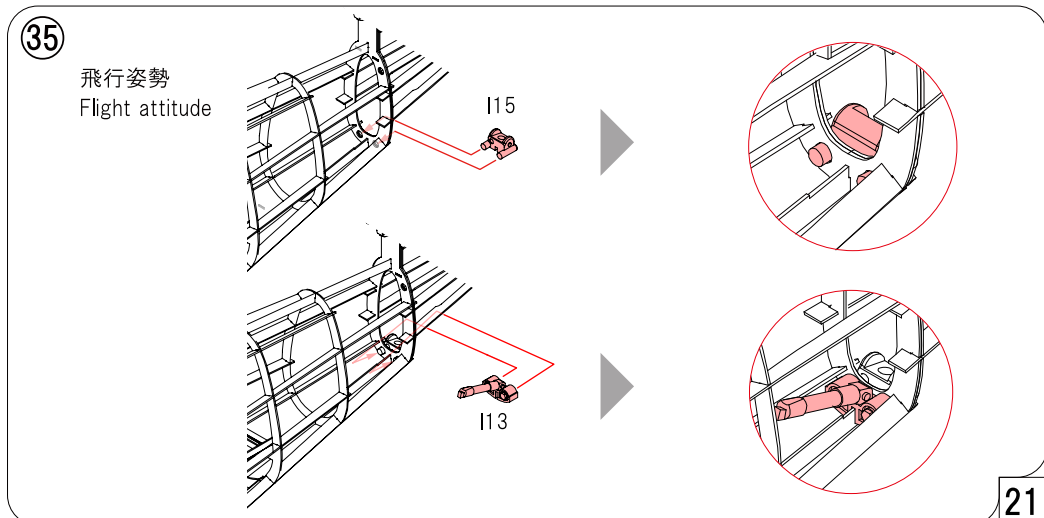
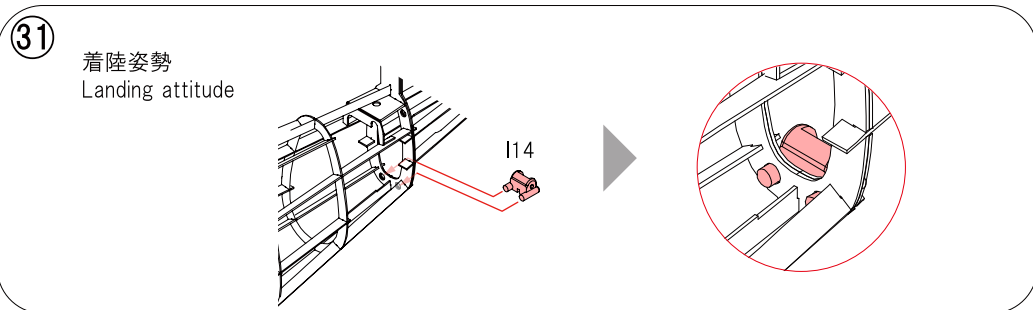
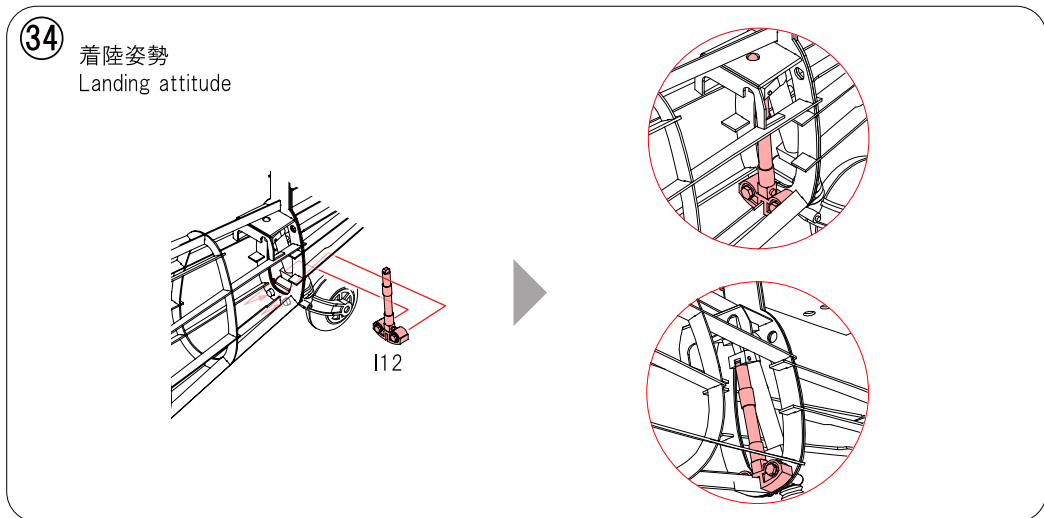
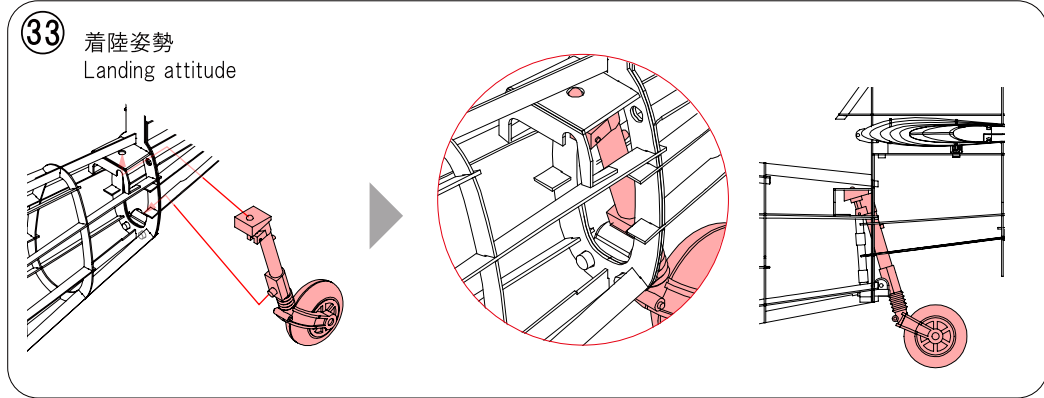
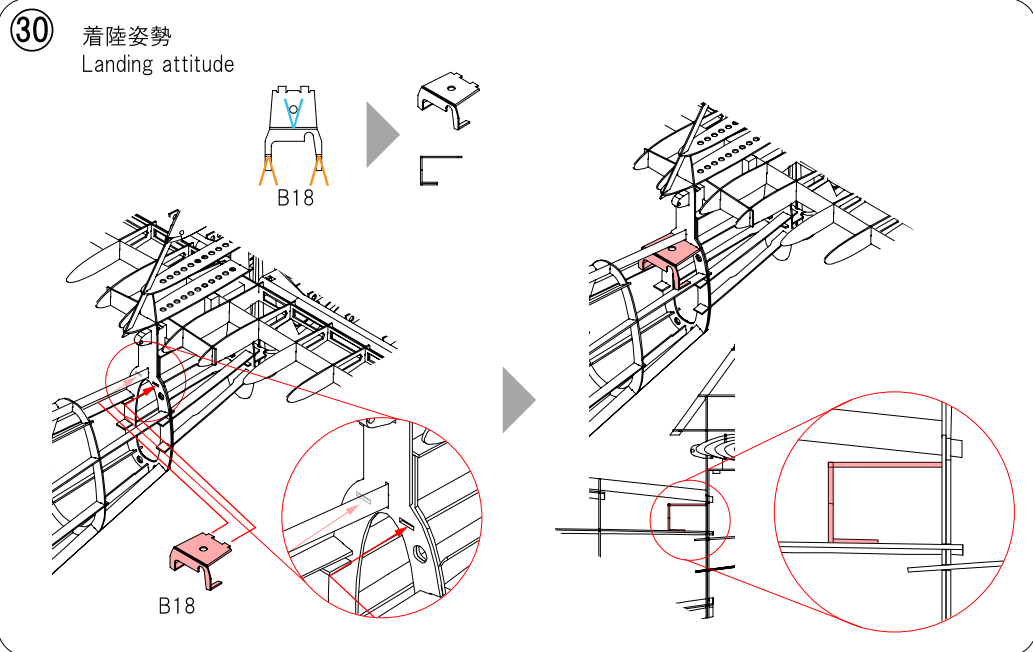
26



I18

20

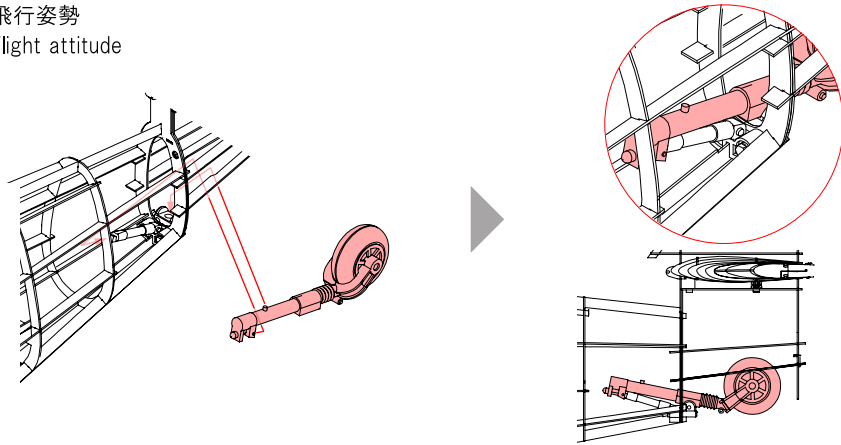
■本キットは着陸姿勢での組み立てと飛行姿勢での組み立てのどちらかをお選び頂けます。
 ■You have two options for landing gear assembly: landing attitude or flight attitude.
 尚、組み立て後の着艦姿勢・飛行姿勢の変更は出来ません。
 Note that you will NOT be able to change it after assembly



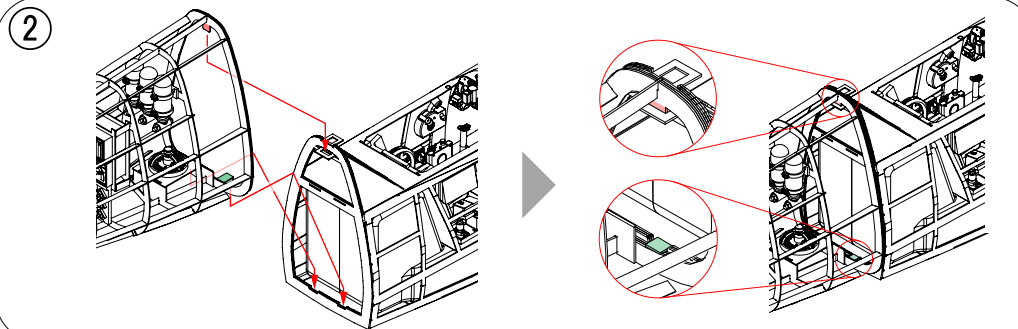
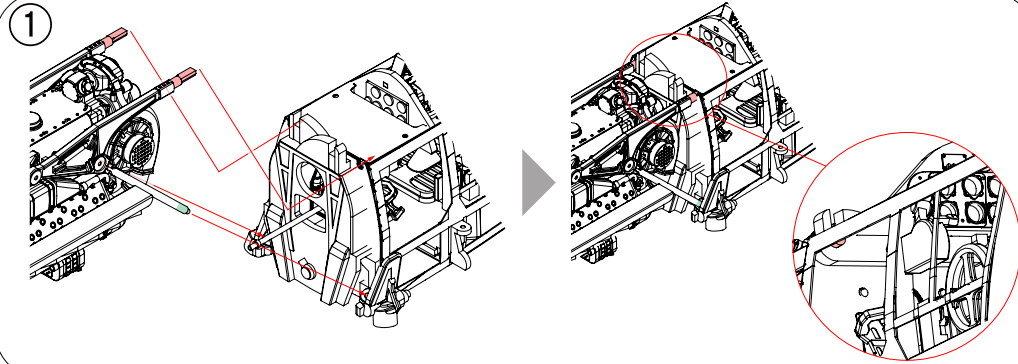
③⑥ 飛行姿勢
Flight attitude



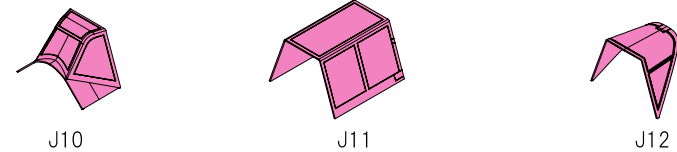
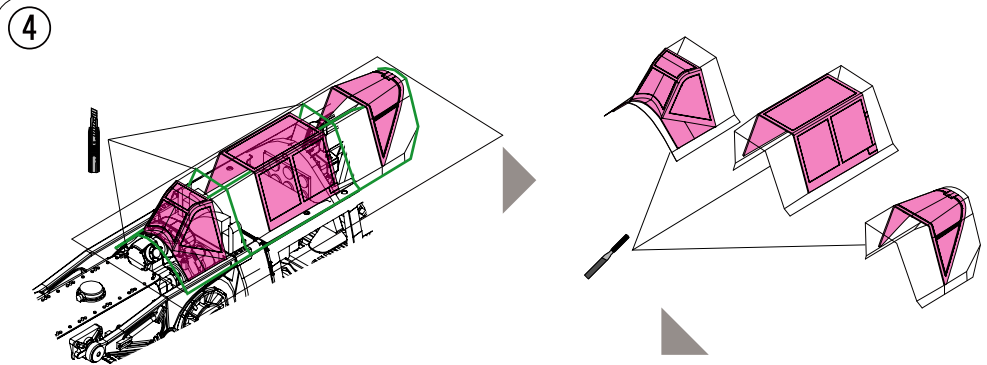
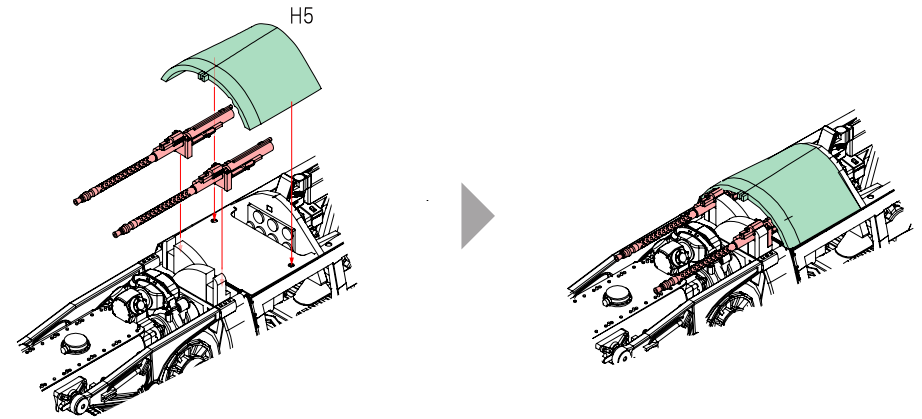
③⑦ 飛行姿勢
Flight attitude



全体組み付け / Assemble parts



③ アルミパイプ / Aluminum pipes
K7 $\Phi 1.2\text{mm} \times 14\text{mm} \times 2$

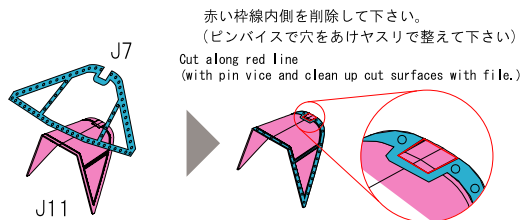
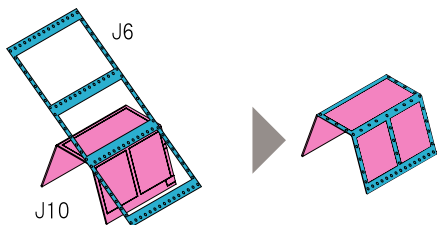
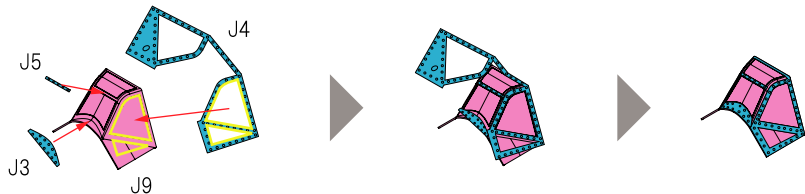


5

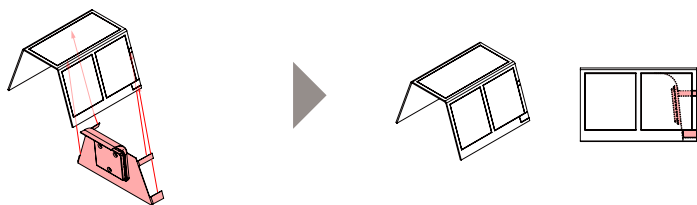
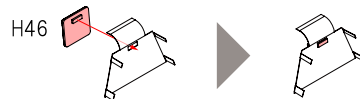
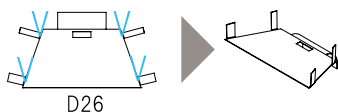
フレームシールは非常に薄いので、台紙から剥がす時一気に剥がさず、ゆっくり慎重に剥がして下さい。一気に剥がすとしわや折れ痕がつきます。また、一度貼り付けたフレームシールをはがして貼り直すことは、フレームシールが壊れやすいため非常に困難です。

貼り付けは一気に貼り付けず少ない面積にまず貼り付け、位置調整をしながら全体を貼り付けて下さい。

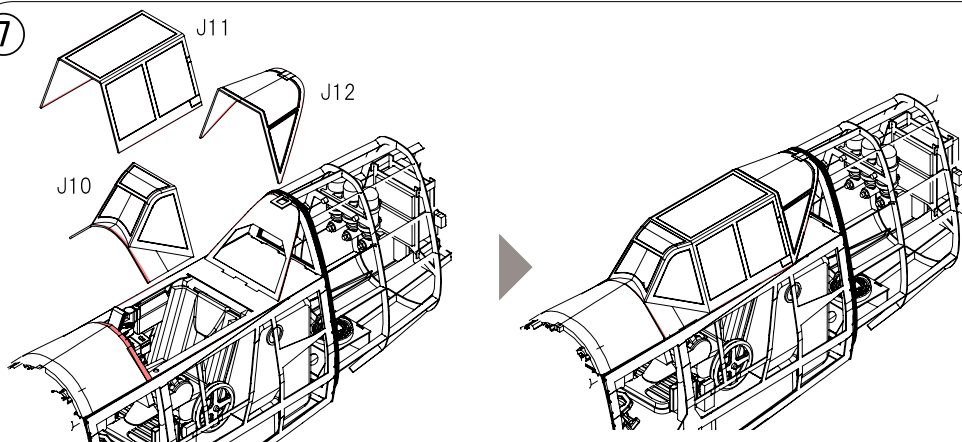
Since frame stickers are very thin, peel them off slowly with care. Peeling off in a rough manner will cause wrinkles or folds. Stickers are delicate and will be very difficult to remove and stick again. Place the stickers little by little, adjusting position.



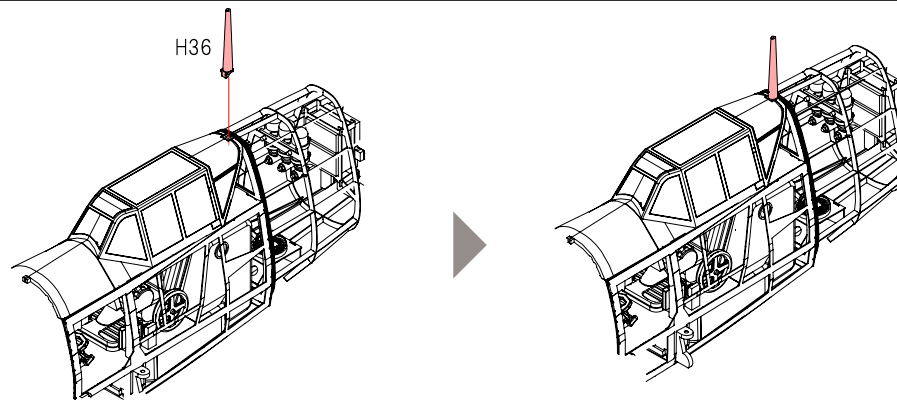
6



7

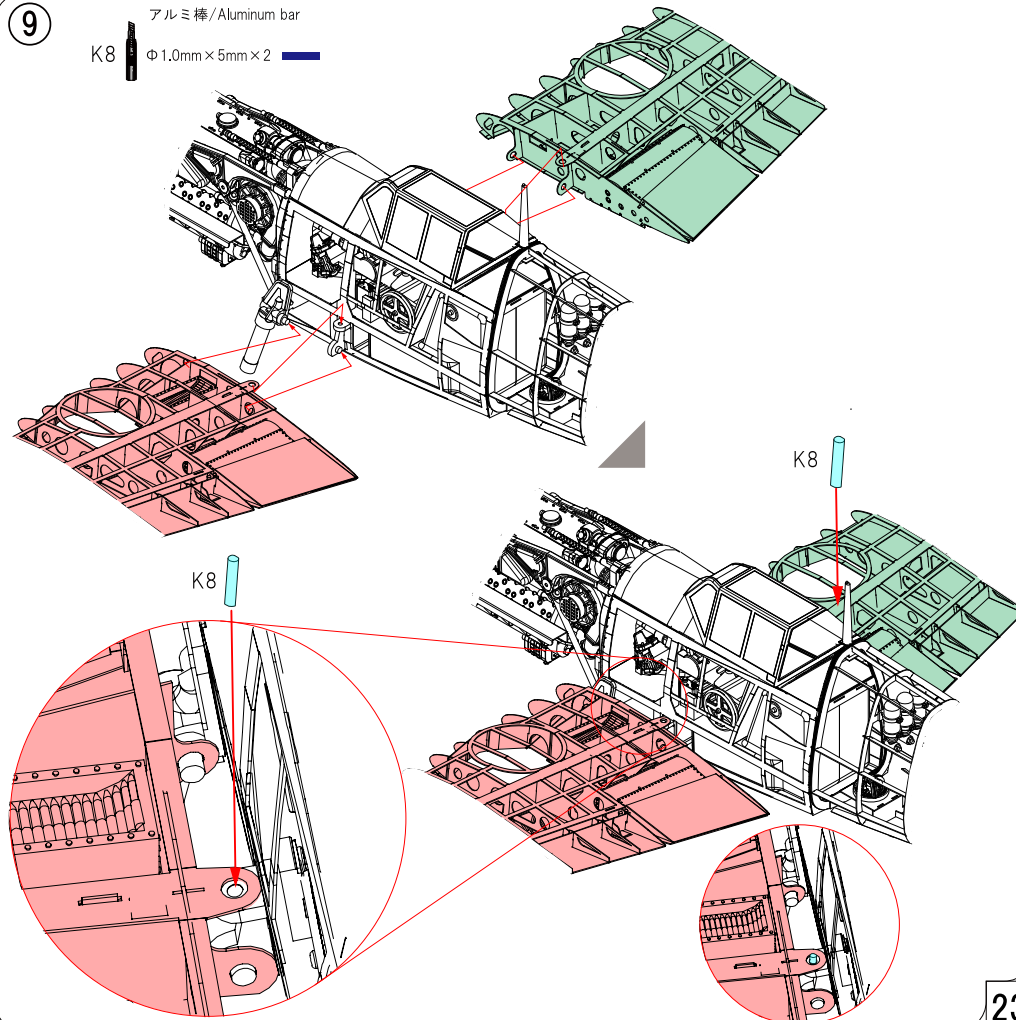


8

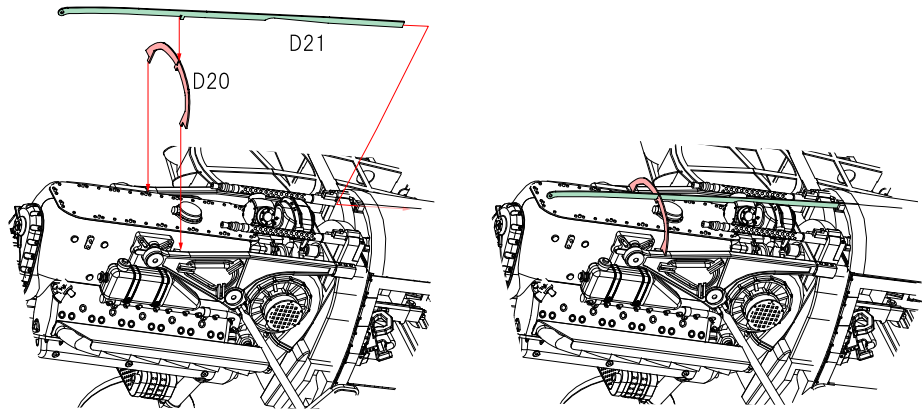


9


アルミ棒/Aluminum bar
K8 Φ1.0mm×5mm×2

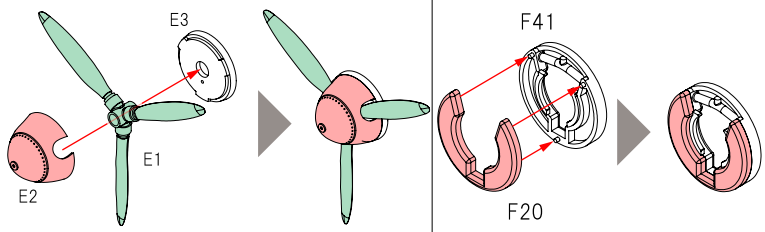
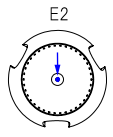


10



11

 ϕ 1.0mm 貫通穴(Thourghhole)



12

