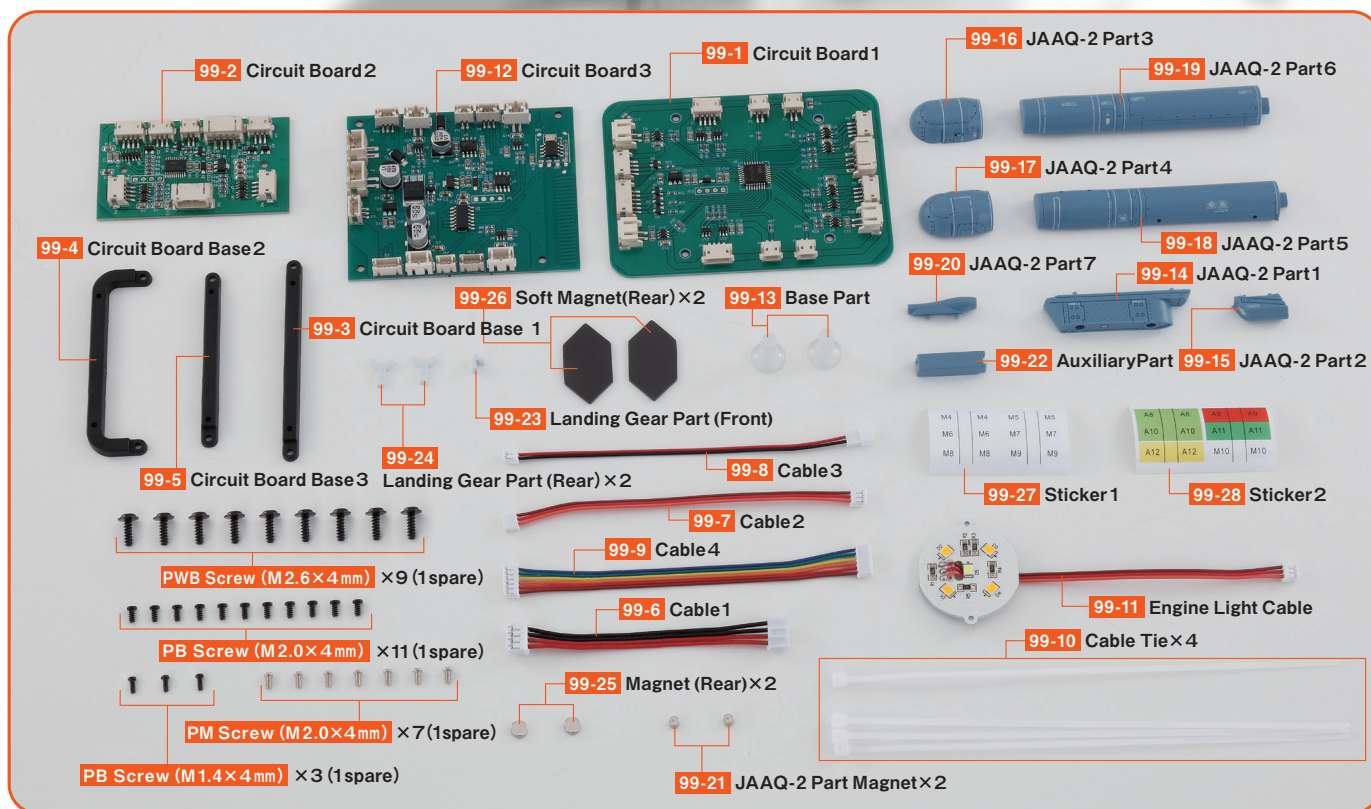




Issue 99

Complete the F-2 ②

In this issue, you will complete the F-2 by incorporating the circuit board and other components into the parts assembled in previous issues.



Tools Needed

The following tools and materials are required to assemble this issue. Prepare them before starting work.

☐ **Screwdriver**
For tightening screws.

☐ **ABS Cement**
For joining ABS plastic parts.

☐ **Universal Adhesive**
For joining metal parts

☐ **Tweezers**
For handling stickers.

☐ **Three AA Batteries**
Used to operate the test circuit board

Check!

Be sure to check the assembly video for detailed demonstrations.



Explanation of Symbols



Indicates where to attach included screws.



Indicates when to use adhesive. The correct adhesive will be indicated for each instance.



Cautions and Prohibitions.

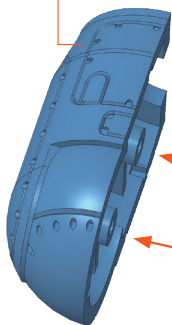


Key points for using tools and techniques.

1 Assemble the JAAQ- 2

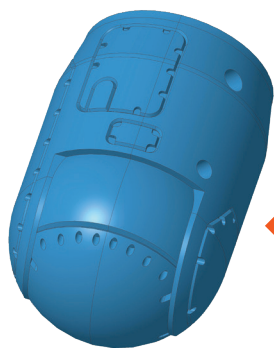
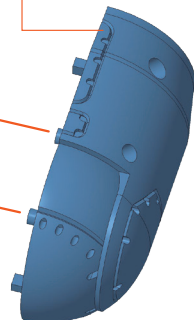
1

99-17 JAAQ-2 Part 4



If loose when inserting, apply a small amount of ABS Cement to the base of the part before inserting again.

99-16 JAAQ-2 Part 3

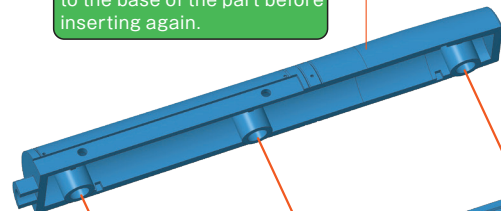


Combine **99-16 JAAQ-2 Part 3** and **99-17 JAAQ-2 Part 4** as shown.

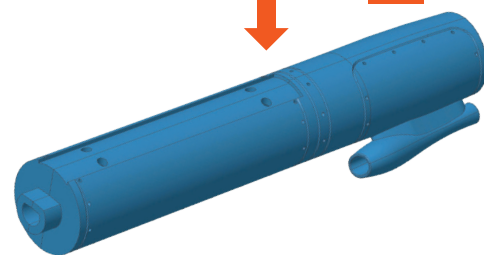
2

If loose when inserting, apply a small amount of ABS Cement to the base of the part before inserting again.

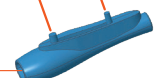
99-19 JAAQ-2 Part 6



99-18 JAAQ-2 Part 5



99-20 JAAQ-2 Part 7



Insert **99-19 JAAQ-2 Part 6** and **99-20 JAAQ-2 Part 7** into **99-18 JAAQ-2 Part 5** as shown.

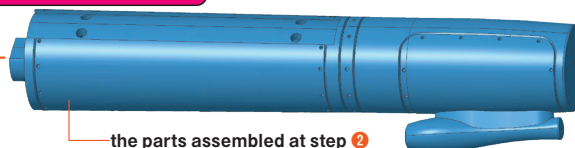
3

the parts assembled at step 1



When inserting the part, make sure to align the protrusions and indentations at the base of the part.

the parts assembled at step 2



If loose when inserting, apply a small amount of ABS Cement to the base of the part before inserting again.

Insert the part assembled in step 1 and the part assembled in step 2 together as shown.

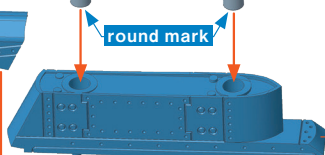
4

99-15 JAAQ-2 Part 2

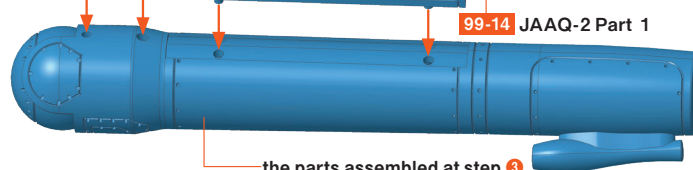


99-21 JAAQ-2 Part Magnet×2

round mark



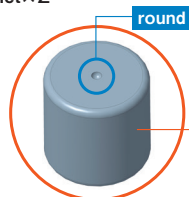
99-14 JAAQ-2 Part 1



the parts assembled at step 3

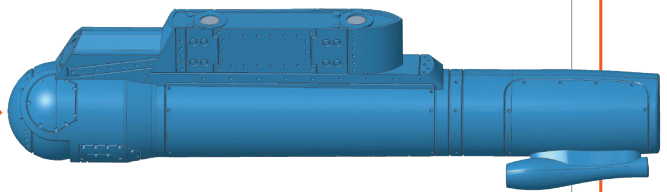
round mark

99-21



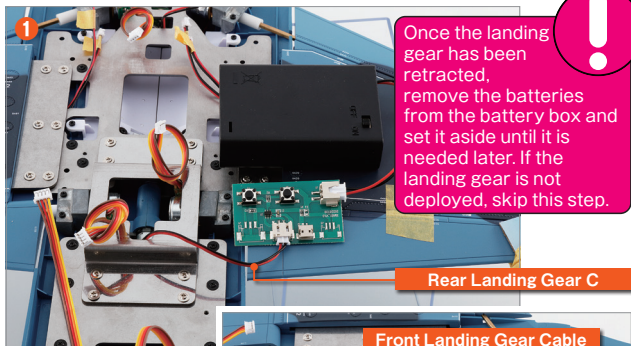
99-21 has a specific orientation. Insert it so that the side with the round mark faces the inside of **99-14**.

If loose when inserting, apply a small amount of ABS Cement to the base of the parts before inserting **99-14** and **99-15**. For **99-21**, apply a small amount of Universal Adhesive to the side with the round mark before inserting.



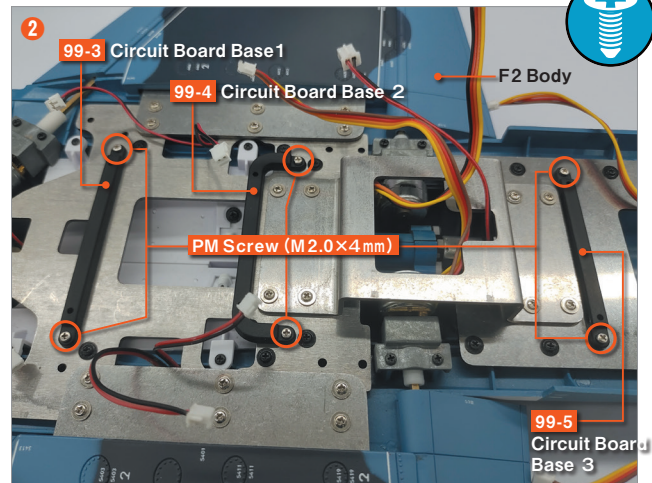
Insert **99-14 JAAQ-2 Part 1**, **99-15 JAAQ-2 Part 2**, and two **99-21 JAAQ-2 Part Magnets** into the parts assembled in step 3 as shown.

2 Attach the Circuit Board to the F-2 ①

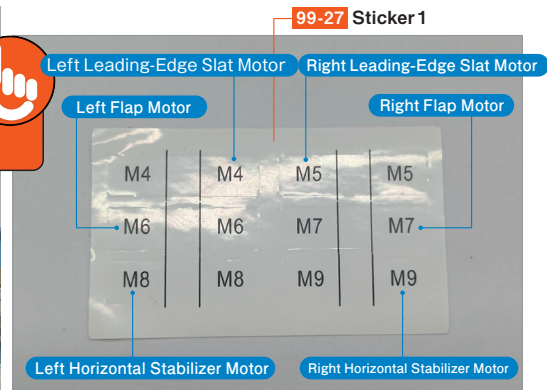
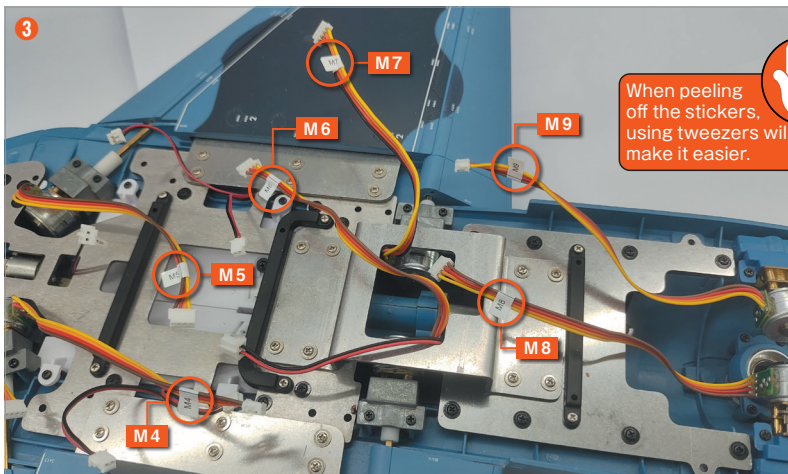


If the landing gear is deployed, use the battery box included with Issue 3 and the test circuit board included with Issue 34 to retract the landing gear.

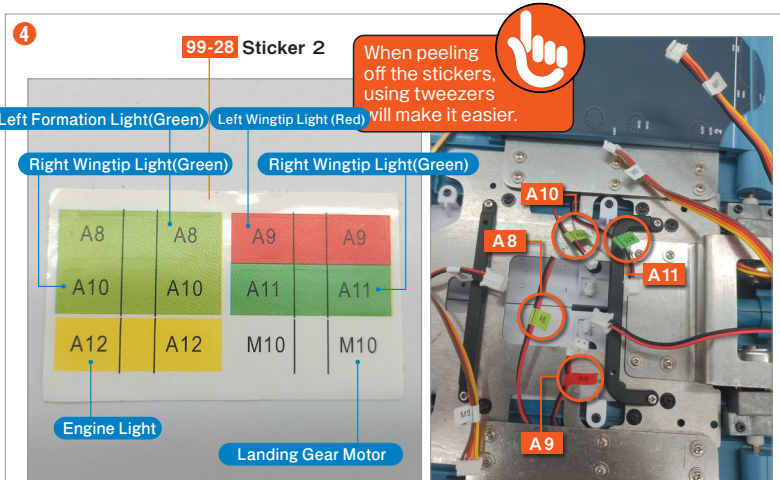
※Some test boards may have a slightly different shape, but this will not affect the assembly.



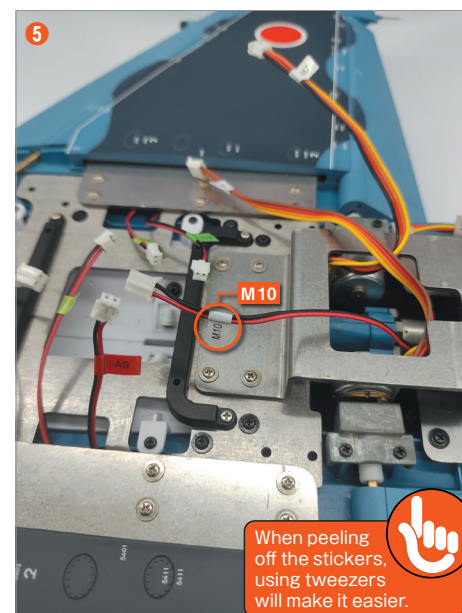
Place **99-3 Circuit Board Base 1**, **99-4 Circuit Board Base 2**, and **99-5 Circuit Board Base 3** in the F-2 Body as shown, and secure each with two **PM screws (M2.0x4mm)**, for a total of six screws.



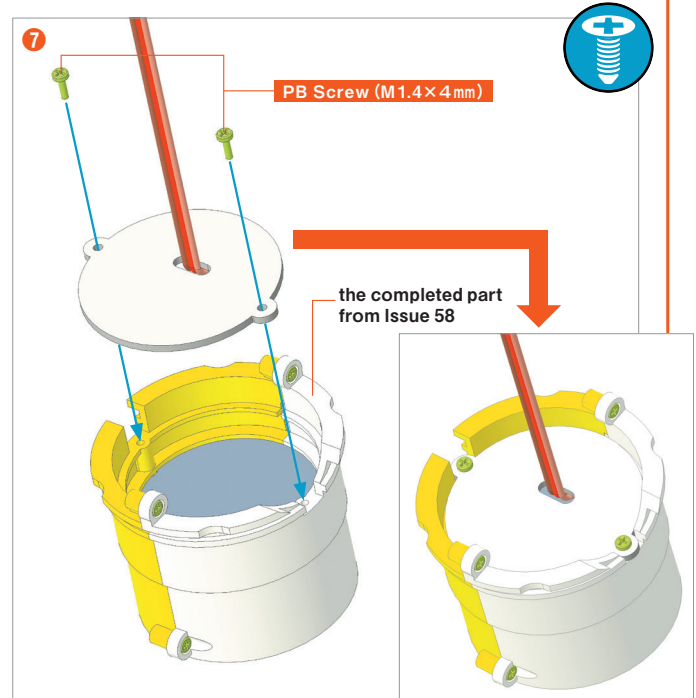
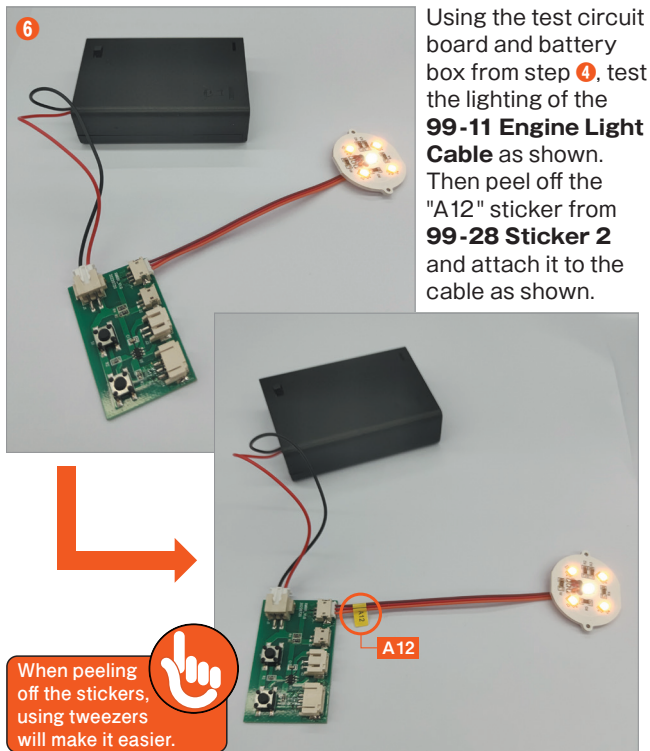
Peel the stickers from **99-27 Sticker 1**, and attach them to the cables as shown.



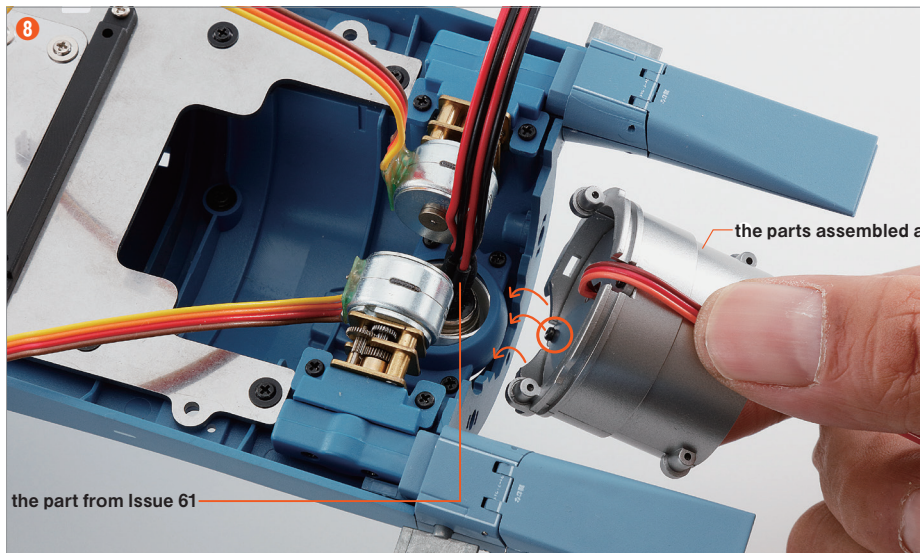
Using the test circuit board and battery box from step ①, check the illumination of the formation lights and wingtip lights on both main wings. Then, attach the **99-28 Sticker 2** to the cables as shown.



Peel off the "M10" sticker from **99-28 Sticker 2** and attach it to the cable shown in the photo.



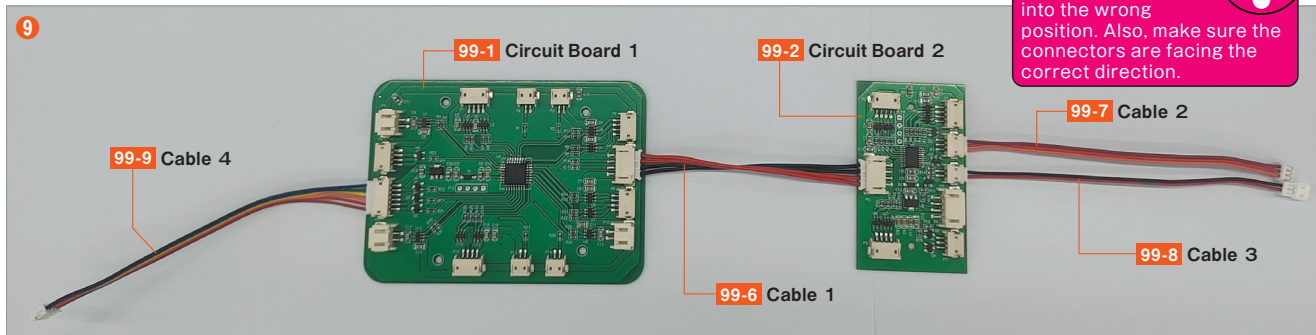
Insert the part assembled in step 6 into the completed part from Issue 58, and secure it at two points using **PB screws (M1.4×4 mm)**.



Insert the part assembled in step 7 into the rear section of the fuselage.

Insert the part assembled in step 7 so that the notch faces the underside of the fuselage and the grooves of the parts align with each other as shown.

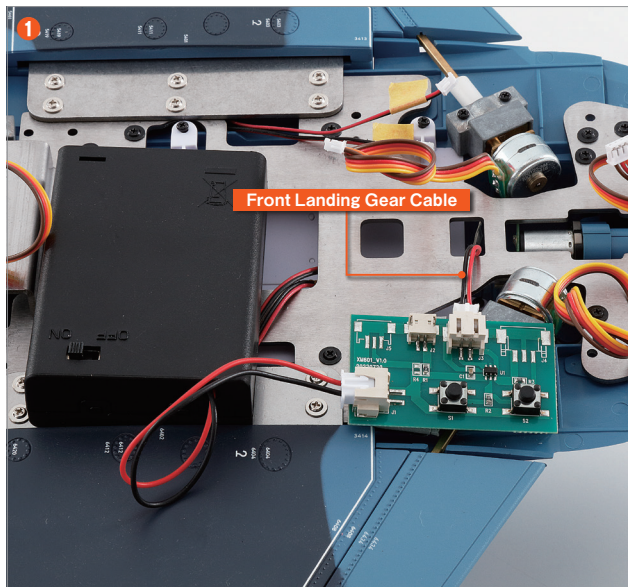
If the part from Issue 61 was removed in Issue 95, make sure to reattach the part from Issue 61 before inserting the part assembled in step 7.



Insert **99-6 Cable 1**, **99-7 Cable 2**, **99-8 Cable 3**, and **99-9 Cable 4** into **99-1 Circuit Board 1** and **99-2 Circuit Board 2** as shown.

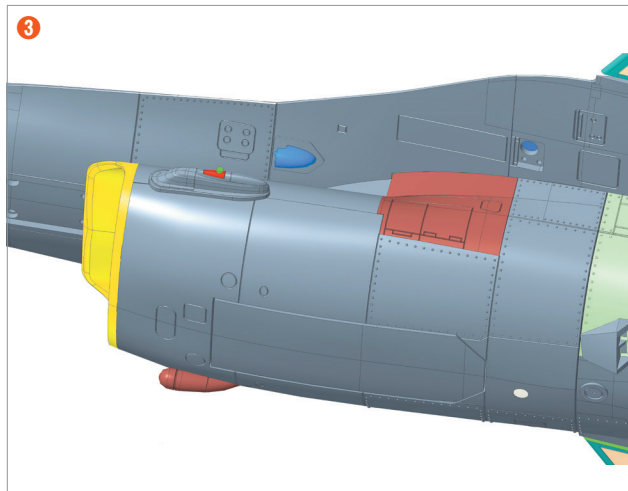
Be careful not to insert each cable into the wrong position. Also, make sure the connectors are facing the correct direction.

3 Assemble the Landing Gear

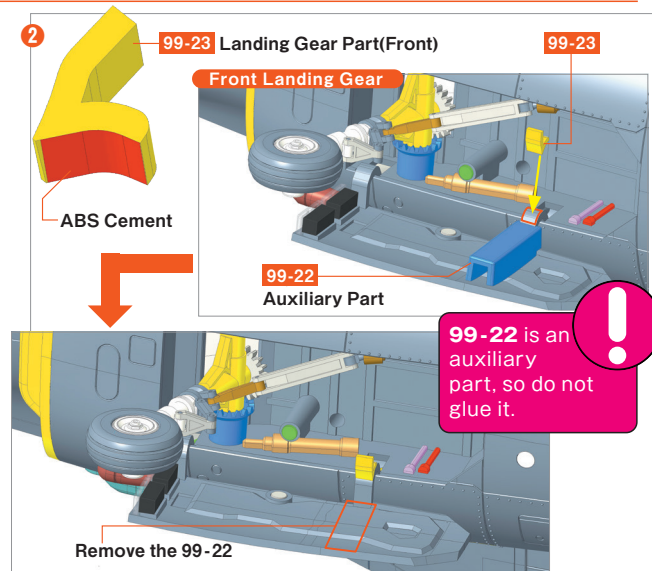


Use the test circuit board and battery box to deploy the front landing gear.

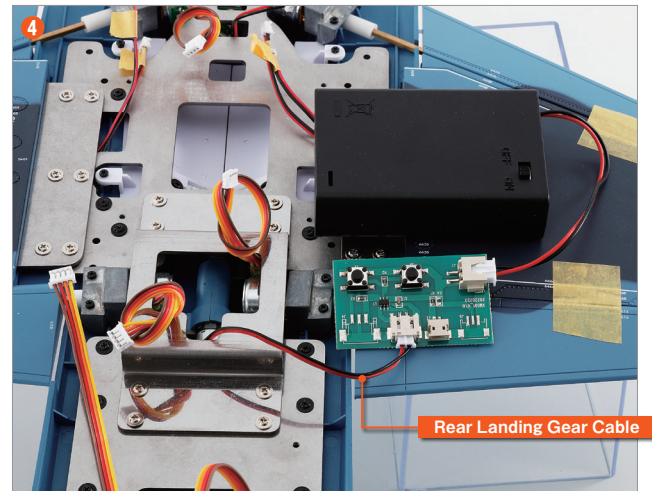
※Some test boards may have a slightly different shape, but this will not affect the assembly.



Use the test board and battery box from step 1 to retract the front landing gear.

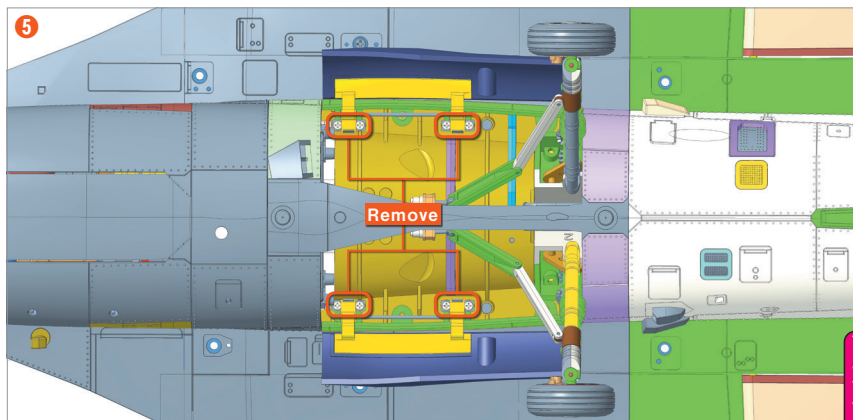


Insert the **99-22 Auxiliary Part** into the front landing gear as shown. Then, apply **ABS Cement** to the red area and attach the **99-23 Landing Gear Part (Front)**. Once the adhesive has set, remove the **99-22 Auxiliary Part**.



Use the test circuit board and battery box to deploy the rear landing gear.

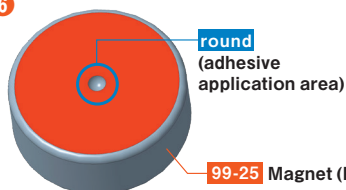
※Some test boards may have a slightly different shape, but this will not affect the assembly.



Remove the eight screws marked with  and the four metal fittings.

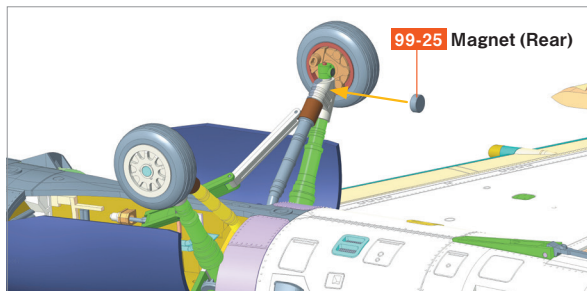


6

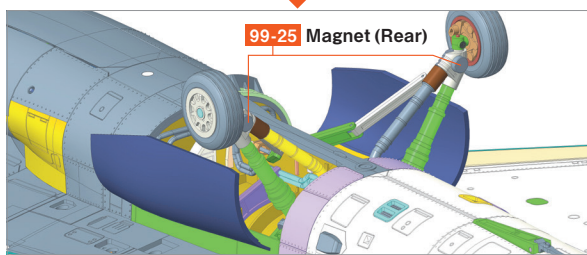


99-25 Magnet (Rear)

The orientation for attaching **99-25** is predetermined. Apply a small amount of Universal Adhesive to the side with the round mark, and attach it accordingly.



99-25 Magnet (Rear)

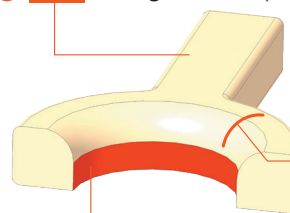


99-25 Magnet (Rear)

Attach two **99-25 Magnets (Rear)** to the positions marked with circles as shown.

7

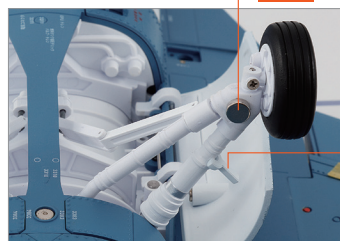
99-24 Landing Gear Parts (Rear)



Apply a small amount of ABS Cement to the red surface of part **99-24** as shown, then insert it into place.

The curved surface

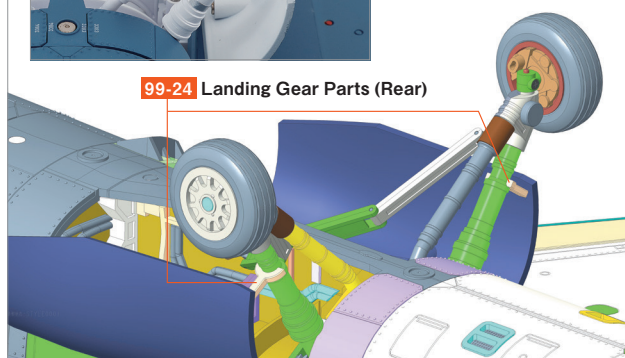
Apply adhesive to the underside of the curved surface



99-25 Magnet(Rear)

99-24 has a top and bottom. Insert it with the flat side facing the tire.

99-24 Landing Gear Parts (Rear)



99-24 Landing Gear Parts (Rear)

Insert the two **99-24 Landing Gear Parts (Rear)** into the positions shown in the diagram after applying ABS Cement.

8

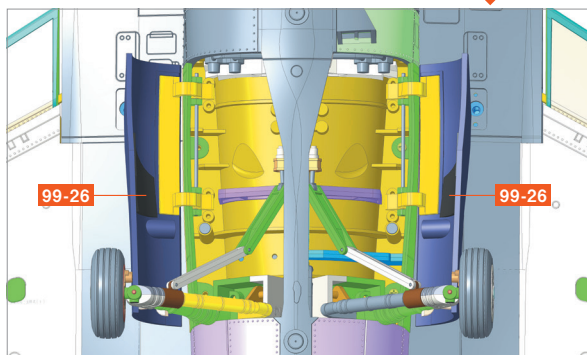
99-26 has a front and back. Apply a small amount of Universal Adhesive to the smooth, darker-colored side, then attach it. Be careful not to confuse the position and placement when attaching.

The smooth, darker-colored side (back side)

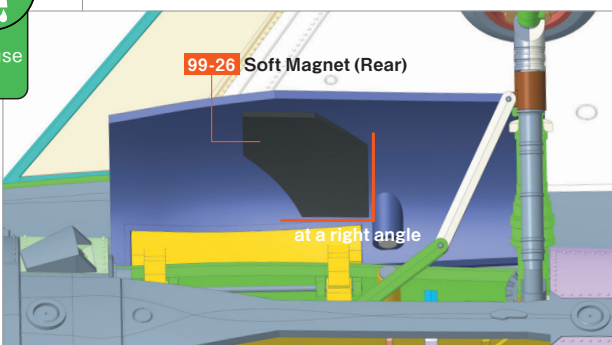
The slightly rough, lighter-colored side (front side)



99-26



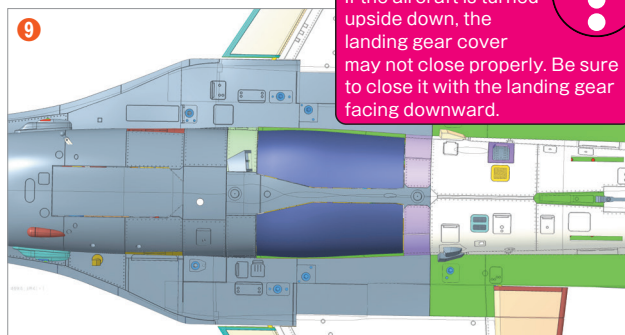
99-26



99-26 Soft Magnet (Rear)

at a right angle

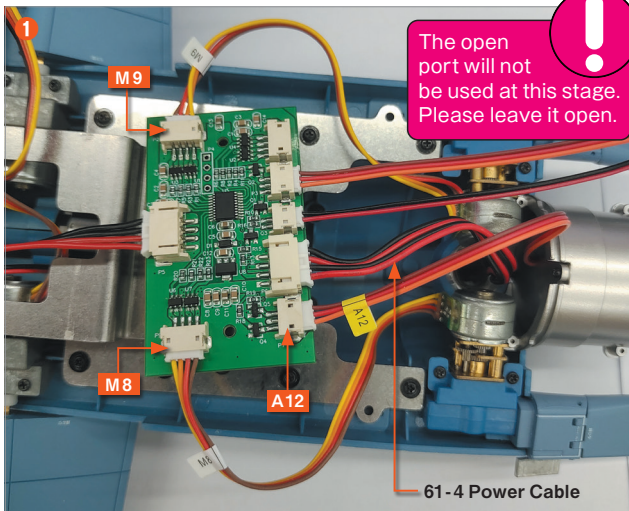
9



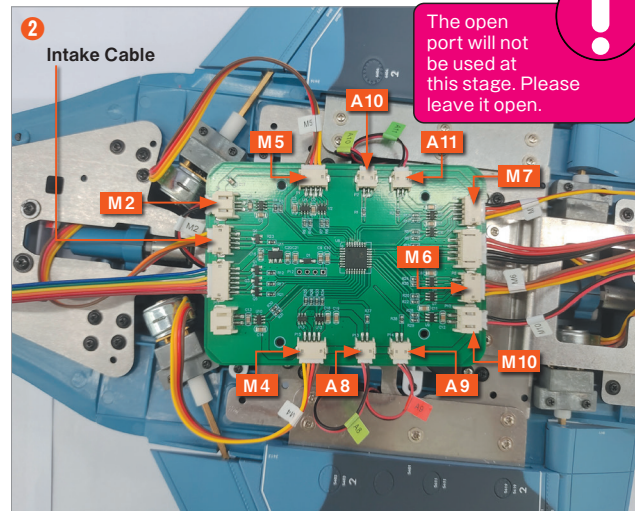
If the aircraft is turned upside down, the landing gear cover may not close properly. Be sure to close it with the landing gear facing downward.

Use the test circuit board and battery box from step 4 to retract the rear landing gear.

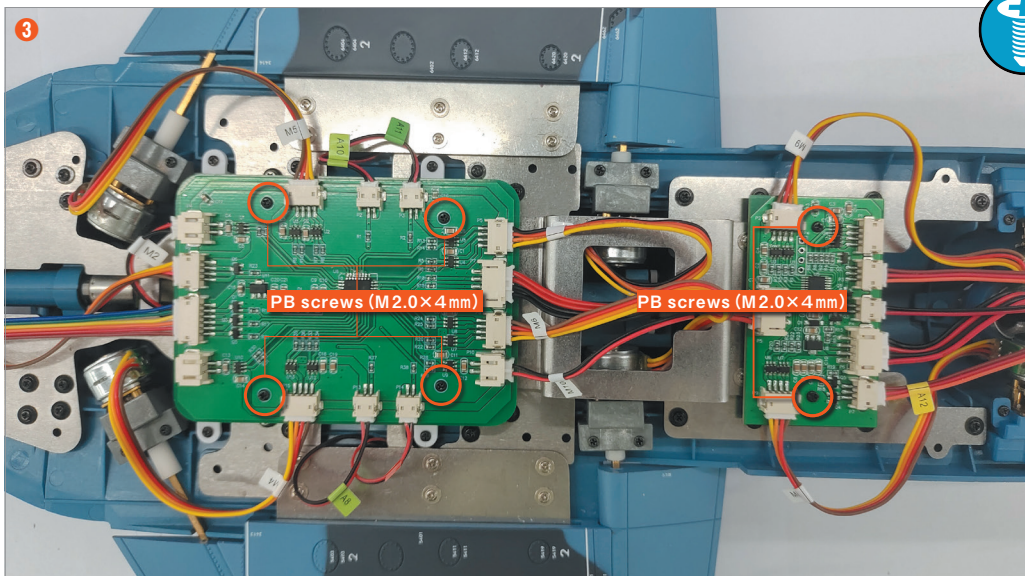
4 Attach the circuit board to the F-2 2



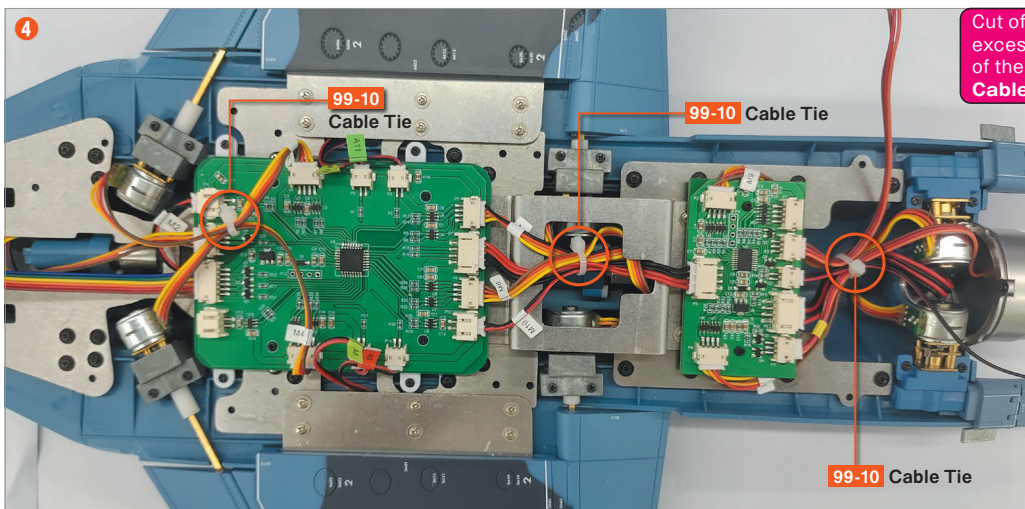
Wire the **99-2 Circuit Board 2** assembled in step 1 as shown.



Wire the **99-1 Circuit Board 1** assembled in step 1 as shown.

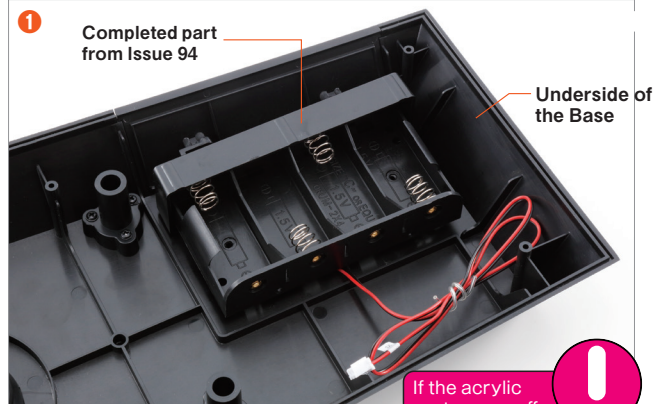


Secure the circuit boards wired in steps 10 and 11 at six points using **PB screws (M2.0 x 4mm)**.



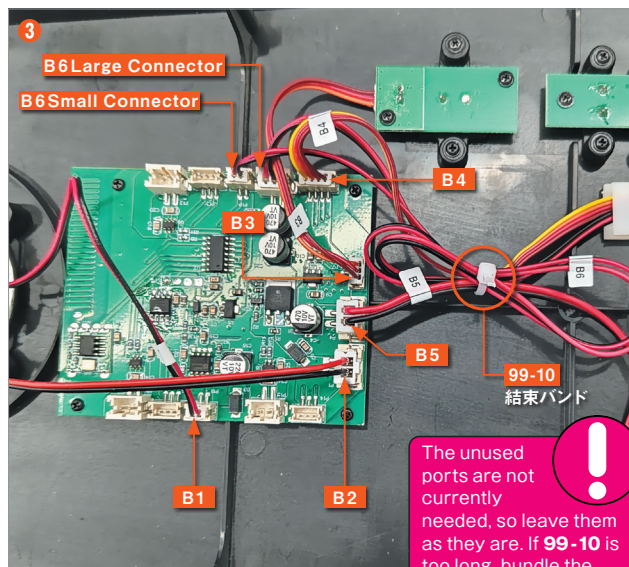
Bundle the wired cables and secure them in three places using the **99-10 Cable Ties**.

5 Assemble the Base



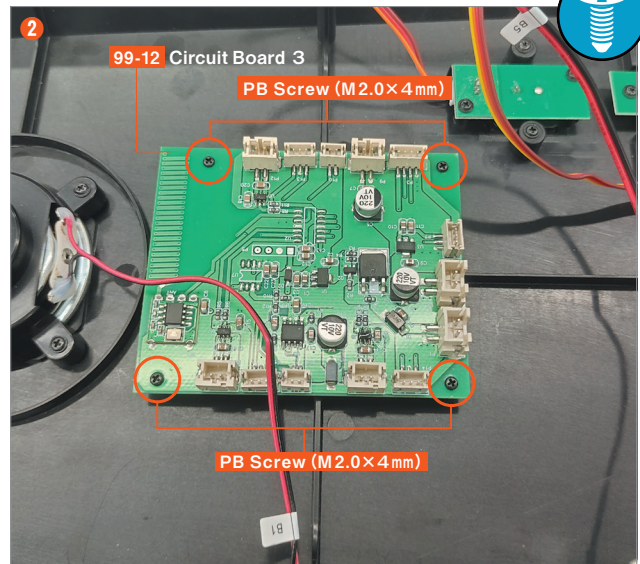
Insert the battery box assembled in Issue 94 into the underside of the base as shown.

If the acrylic parts come off easily, remove them in advance.

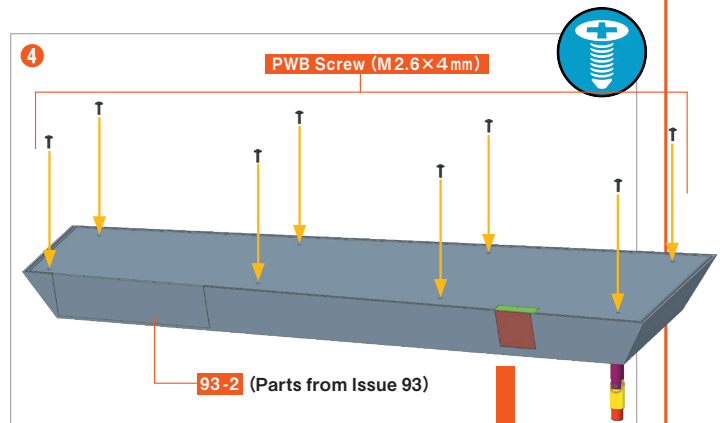


Route the wiring as shown, and use the **99-10 Cable Ties** to bundle any excess cables.

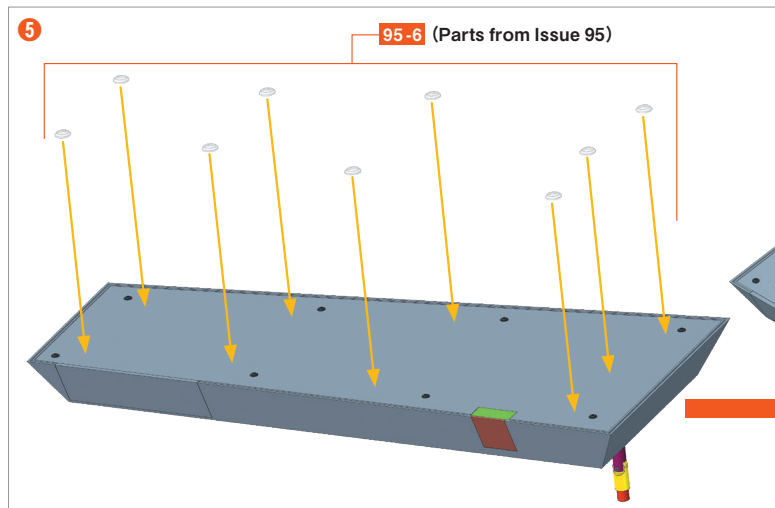
The unused ports are not currently needed, so leave them as they are. If **99-10** is too long, bundle the cable and trim the excess portion.



Set **99-12 Circuit Board 3** as shown on the base diagram, and secure it with four **PB screws (M2.0×4 mm)**.



Insert **93-2** (the part set aside from Issue 93) into the underside of the base, and secure it in eight places using **PBW screws (M2.6×4 mm)**.

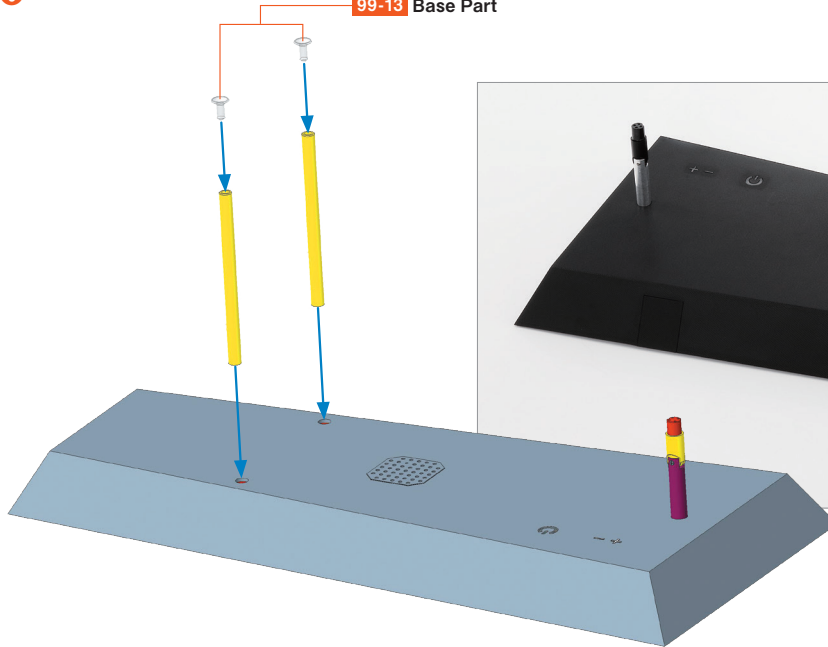


Peel off the backing paper from **95-6** (the part set aside from Issue 95), and attach it to the nine indicated positions as shown.



6

99-13 Base Part



If the acrylic part was removed, insert it here. Do not use any adhesive at this point.

Insert the **99-13 Base Part** into the base as shown.

Complete!

The assembly for this issue is now complete. In the next issue, we will assemble the remaining parts to complete the F-2 fighter jet.

