



Issue 3

Assemble the canopy



In this issue, we will assemble the cockpit area and canopy. We will also test the LED lighting.

Tools Needed

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

- ☐ **Universal Adhesive**
For joining metal parts
- ☐ **Screwdriver**
Included in Issue 1
- ☐ **3 AA batteries**
For testing LED lighting

Demonstration videos



3-3a Canopy Frame



3-3b Canopy Window



3-5 Battery Box



3-1 Fuselage

3-6 Test Board



3-9 Fuselage



3-10 Double-Sided Tape



3-8 LED Light



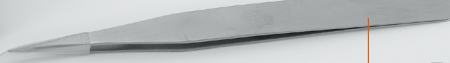
3-4 Handle x 2



3-7 Light Base



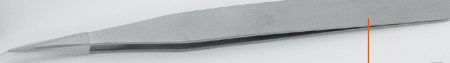
3-2 Cockpit Mirror



AM Screw (M2x4mm) x4 (1 spare)



Tweezers



※The type of the double-sided tape may differ from that in the photo, but this does not interfere with assembly.

Explanation of Symbols



Indicates where to attach included screws.



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



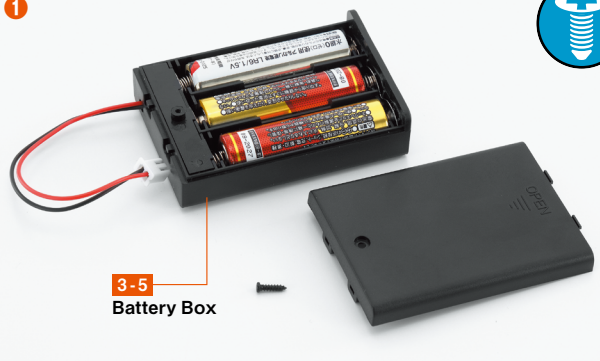
Cautions and Prohibitions



Key points for using tools and techniques.

1 Test the LED lighting

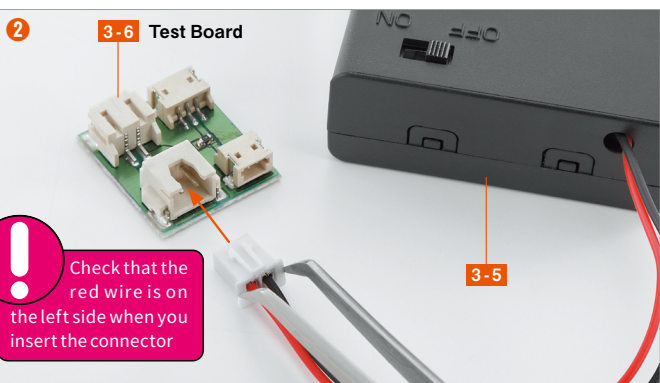
1



3-5 Battery Box



2



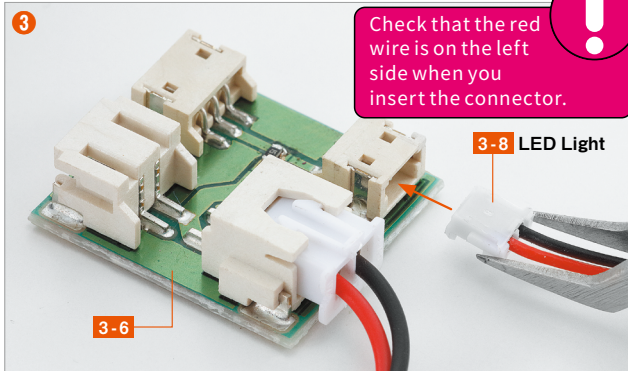
3-6 Test Board

3-5

Check that the red wire is on the left side when you insert the connector

Open the 3-5 Battery Box lid, insert 3 AA batteries, and close the lid.

Ensure that the switch for 3-5 is in the 'OFF' position, then connect the cable from 3-5 to 3-6 Test Board as shown.



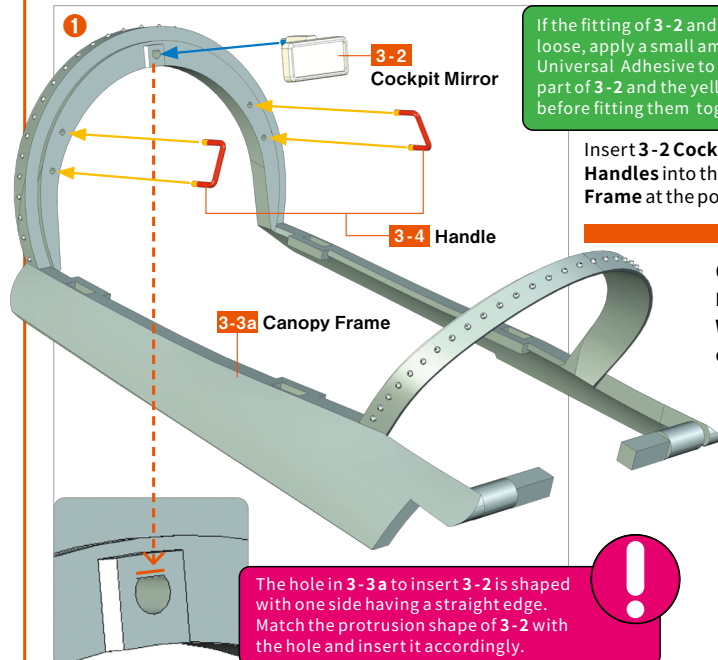
Then connect the cable from 3-8 LED Light to 3-6 Test Board as shown.



Turn the 3-5 switch to 'ON' and confirm that the LED light is lit. After the lighting test is complete, turn the switch to 'OFF', remove the batteries from 3-5, and store both 3-5 and 3-6 until they are needed in a later step.

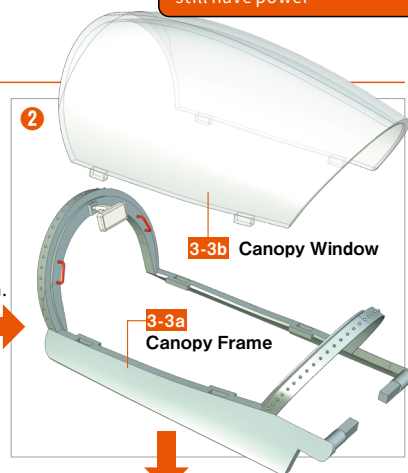
If the LED Light does not light up, check the orientation of the batteries and both connections to the 3-6 Test Board. Please also check your batteries still have power

2 Assemble the Canopy



Insert 3-2 Cockpit Mirror and two 3-4 Handles into the inside of 3-3a Canopy Frame at the positions shown in the diagram.

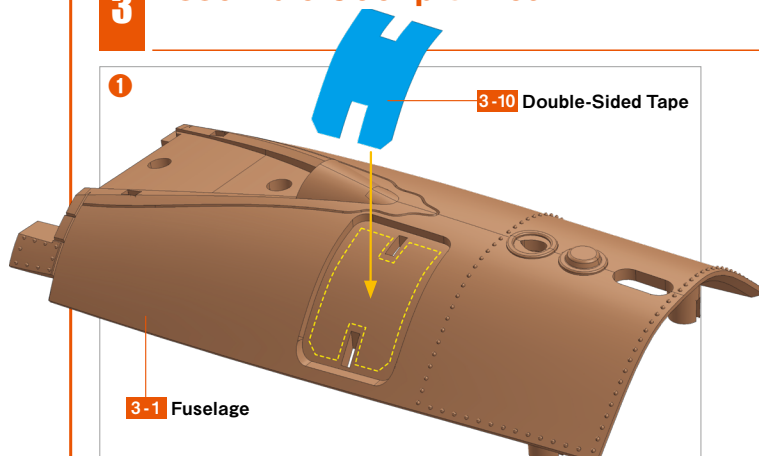
Combine 3-3a Canopy Frame and 3-3b Canopy Window to complete the canopy.



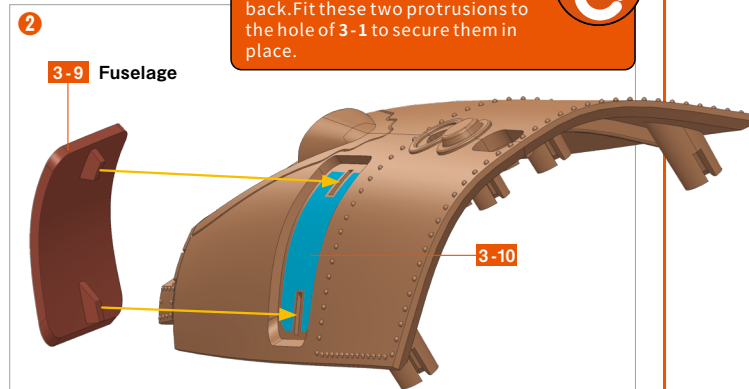
3 Mirror and handles mounted inside the canopy.

Use the tweezers included with this issue when mounting small parts. When mounting painted parts such as 3-4 Handles be careful to avoid chipping the paint. Wrapping the tips of the tweezers with masking tape helps avoid paint chipping.

3 Assemble Cockpit Area



Peel-off the backing paper from one side of 3-10 Double-Sided Tape and attach it to 3-1 Fuselage as shown.



Peel off the remaining backing paper from the double-sided tape attached in step 1, and affix 3-9 Fuselage as shown.



3

AM screw (M2×4mm)

3-8 LED Light

3-7 Light Base

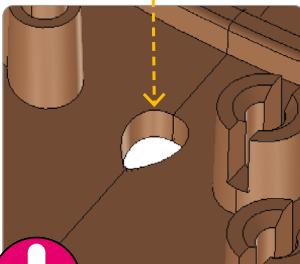
3-1

Attach 3-7 Light Base and 3-8 LED Light to the underside of 3-1 Fuselage and secure them with an AM Screw (M2.0 x 4mm) as shown.

4

3-8 does not have a left or right side.

Extend the wiring for the LED towards the rear of the aircraft.



The holes in 3-1 have a teardrop shape. Insert 3-7 in the direction where its protrusion fits snugly.

Finally, attach the parts assembled at step 4 with the parts assembled at Issue 2 using two AM Screws (M2.0 x 4mm) as shown.

5

The aircraft assembled in Issue 2.

AM Screws (M2×4mm)

The parts assembled at step 4

Complete!

The assembly for this issue is now complete.

