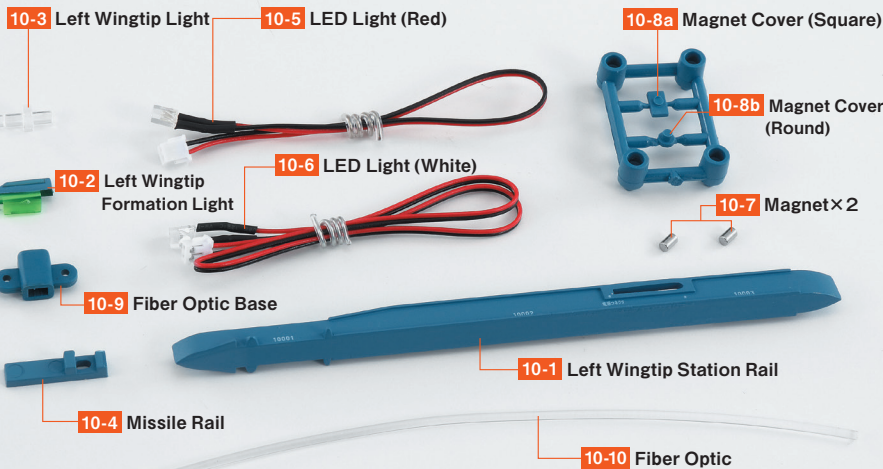


Issue 10

Assemble the left wing ②

In this issue we incorporate wingtip LED lights. Please remember to view the demonstration video for further reference to ensure correct installation.



Tools Needed

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

- ☐ **Modeling Nippers**
For removing parts from the model sprues.
- ☐ **Universal Adhesive**
For joining metal parts.
- ☐ **ABS Cement**
For joining ABS plastic parts.
- ☐ **3 AA Batteries**
For testing LED lighting.
- ☐ **Masking Tape**
For temporarily fastening LED light cords.

Demonstration videos



Explanation of Symbols



Indicates where to attach included screws.



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

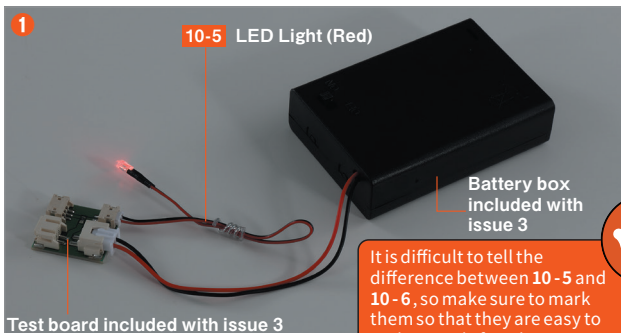


Cautions and Prohibitions.



Key points for using tools and techniques.

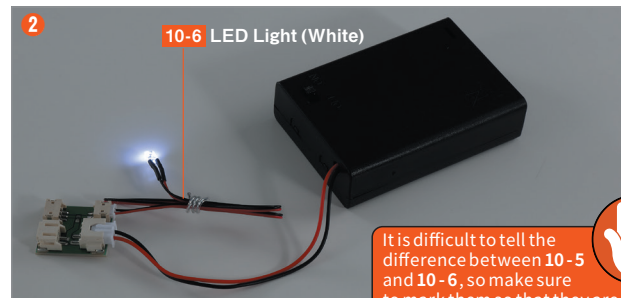
1 Test the lighting



Test board included with issue 3

It is difficult to tell the difference between 10-5 and 10-6, so make sure to mark them so that they are easy to understand after the lighting test.

Connect the **10-5 LED Light (Red)** to the battery box included in issue 3 and the test board as shown, turn the battery box switch to "ON" and confirm that the red lights up.



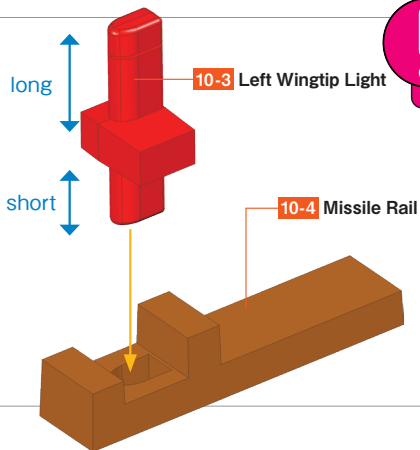
Connect the **10-6 LED Light (White)** to the battery box included in issue 3 and the test board as shown, turn the battery box switch to "ON" and confirm that the white light lights up.

It is difficult to tell the difference between 10-5 and 10-6, so make sure to mark them so that they are easy to understand after the lighting test. After completing the lighting test, remove the battery from the battery box and store it together with the test board.



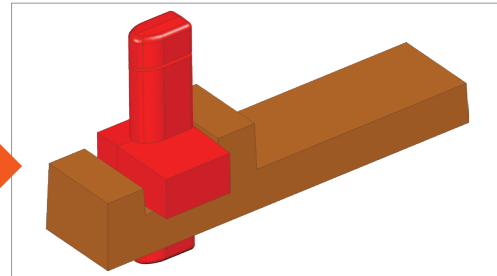
2 Assemble the Left Wingtip Station Rail

1

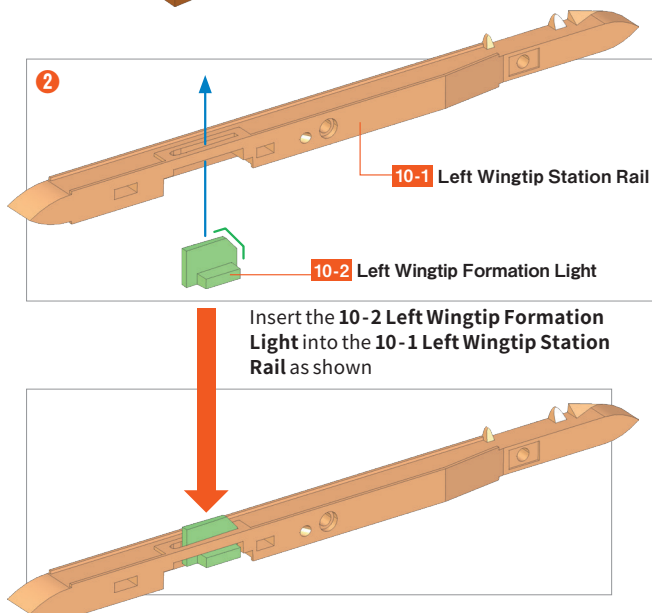


10-3 has an upper and lower. Insert the short end of the center square part into 10-4. Also, before inserting it, check the shape of the protrusion part 10-3 and the hole 10-4.

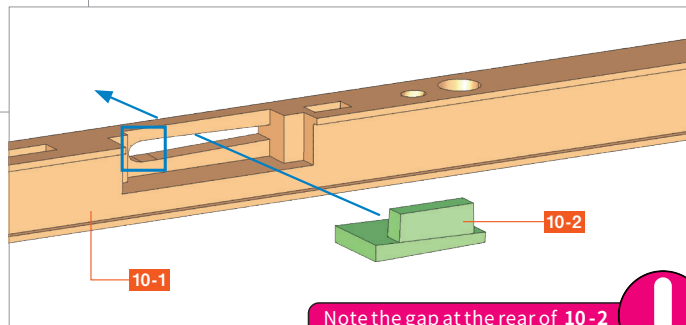
Insert the 10-3 Left Wingtip Light into the 10-4 Missile Rail as shown.



2



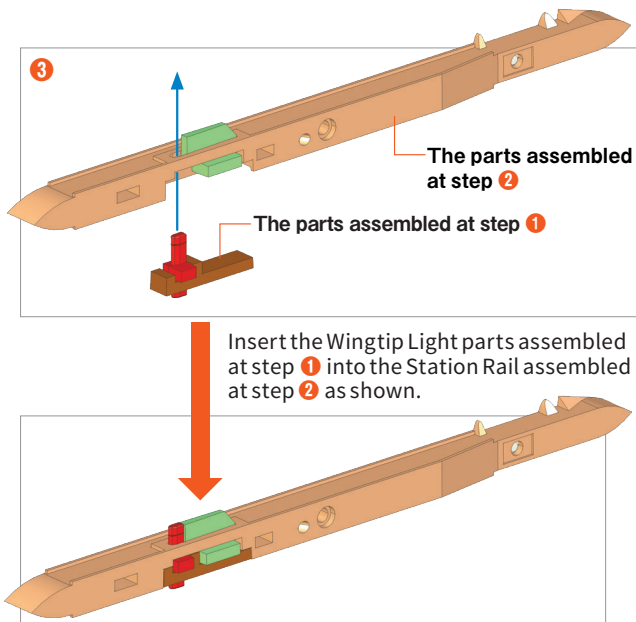
Check the orientation of 10-2, noting the direction of the angled corner, and insert as shown.



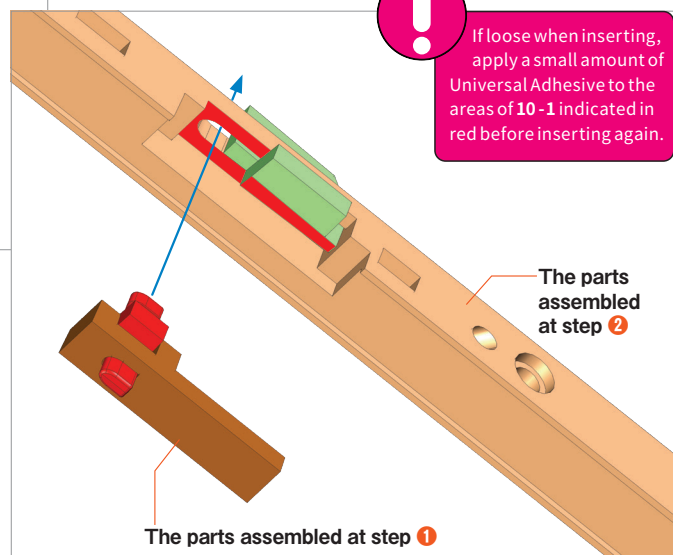
Note the gap at the rear of 10-2 as indicated by the blue box. Leave it open, as parts will be inserted there in step ③.



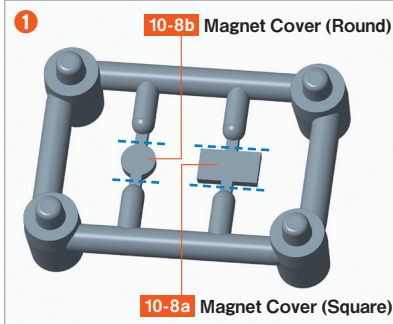
3



If loose when inserting, apply a small amount of Universal Adhesive to the areas of 10-1 indicated in red before inserting again.

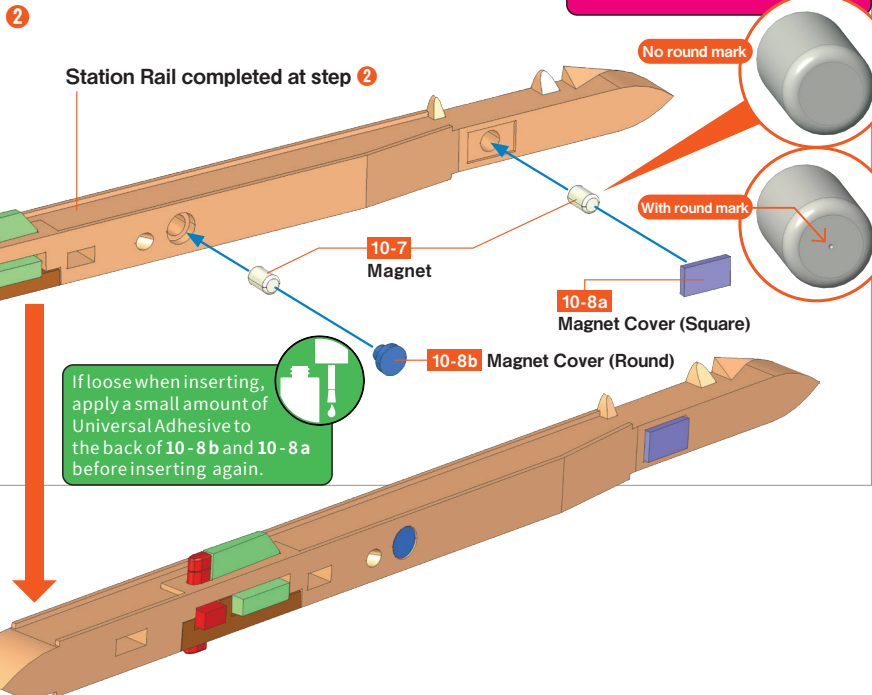


3 Assemble the Station Rail



Cut the runner from the blue dotted line and take out the **10-8b Magnet Cover (Round)** and **10-8a Magnet Cover (Square)**.

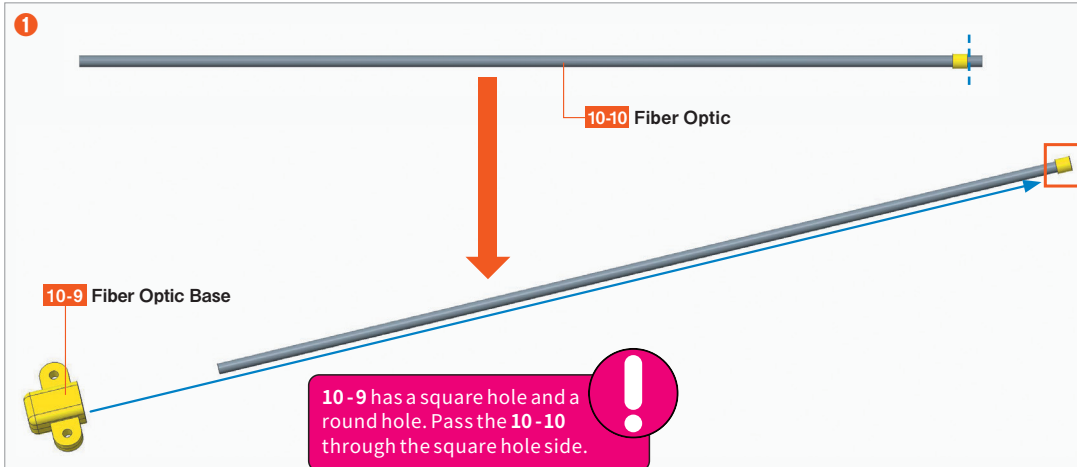
10-7 has a round mark on one of its flat sides. Insert it with the marked side toward the back.



Insert the **10-7 Magnet** into the two locations on the station rail completed in step 2 as shown, and then insert the **10-8b Magnet Cover (Round)** and the **10-8a Magnet Cover (Square)** over them.

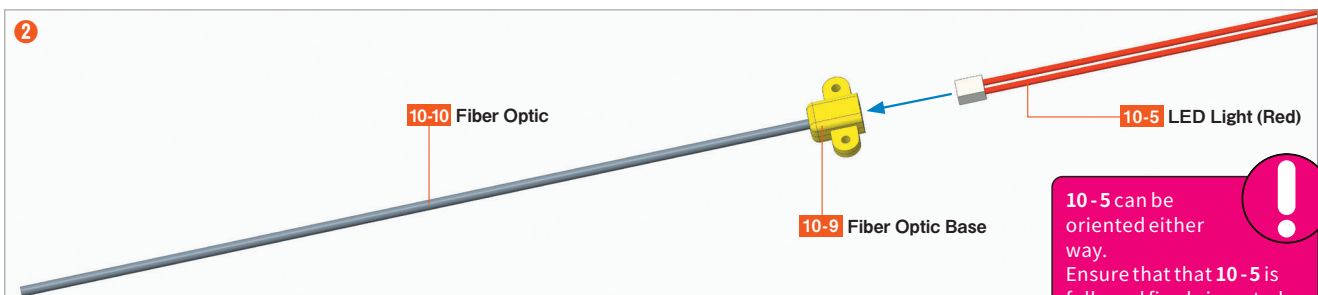
If loose when inserting, apply a small amount of Universal Adhesive to the back of **10-8b** and **10-8a** before inserting again.

4 Wiring the Fiber Optic



Use nippers to cut the part of the **10-10 Fiber Optic** that protrudes beyond the clasp (dashed blue line). Insert **10-9 Fiber Optic Base** into the opposite end of the cut fiber optic as shown.

10-9 has a square hole and a round hole. Pass the **10-10** through the square hole side.



Insert the tip of the **10-5 LED Light (Red)** into the base of the Fiber Optic assembled at step 1.

10-5 can be oriented either way. Ensure that **10-5** is fully and firmly inserted into **10-9**.



3

10-10 Fiber Optic

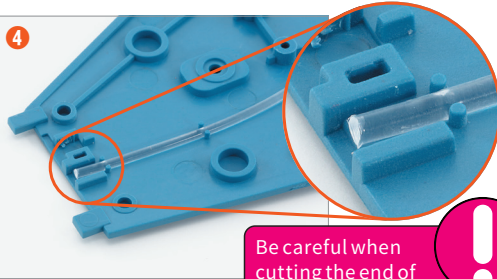
If the fitting comes loose, apply a small amount of ABS Cement to the marked circle area of 10-9 before fitting it in. Be careful not to apply ABS Cement to the 10-10 Fiber Optic.



Fit the LED Light and Fiber Optic assembled at step 2 onto the dedicated pins in the left wing assembled in issue 9 as shown.

10-5 LED Light (Red)

4



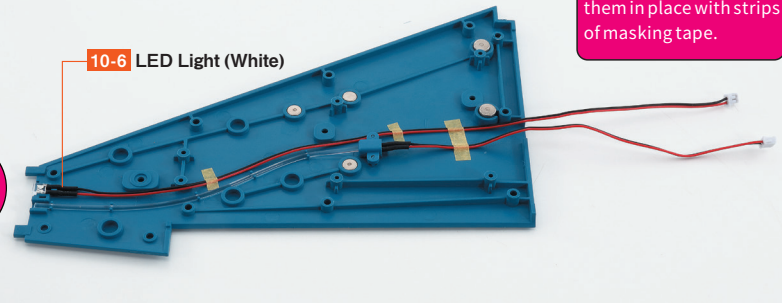
Use nippers to cut the end of 10-10 Fiber Optic so it's flush with the outside end of its retaining step.

Be careful when cutting the end of 10-10. If it's cut too short the wingtip lights won't illuminate correctly. Please refer to the video demonstration for further reference.



5

10-6 LED Light (White)

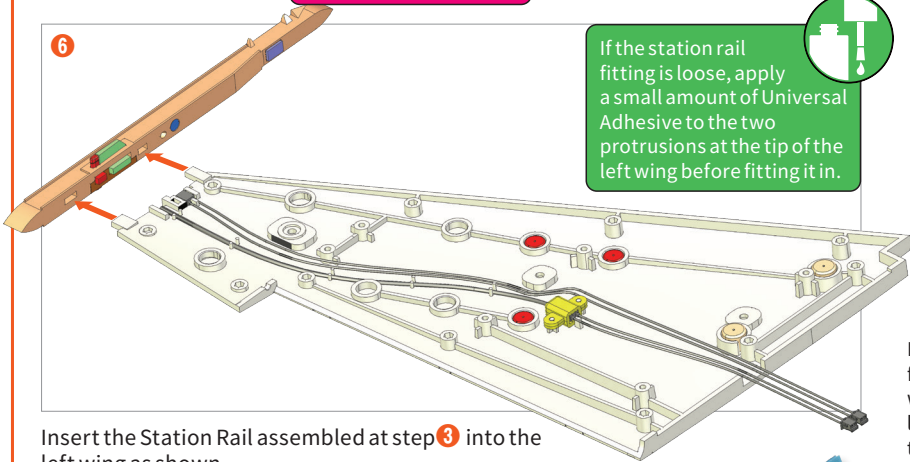


Install the 10-6 LED Light (White) inside the left wing as shown.

Lay the cables neatly around the protrusions and secure them in place with strips of masking tape.

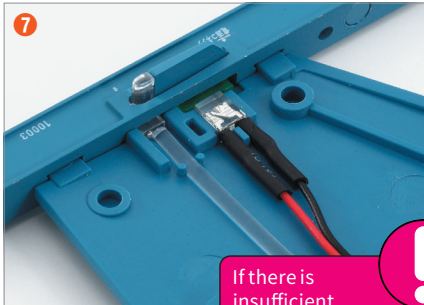


6



Insert the Station Rail assembled at step 3 into the left wing as shown

If the station rail fitting is loose, apply a small amount of Universal Adhesive to the two protrusions at the tip of the left wing before fitting it in.



Ensure that the end of the fiber optic is set in contact with the 10-3 wingtip light lens and the end of the LED Light (White) is set in contact with the 10-2 formation light lens.

If there is insufficient contact between the light emitting parts and the lenses, the final product may not illuminate correctly so please pay special attention at this step.



Complete!

The assembly for this issue is now complete.

