

Issue 16

Assemble the station to the right wing

In this issue, we will assemble the right wing. It's a similar assembly to the left main wing.



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 securing the LED light wires.

Check!

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.

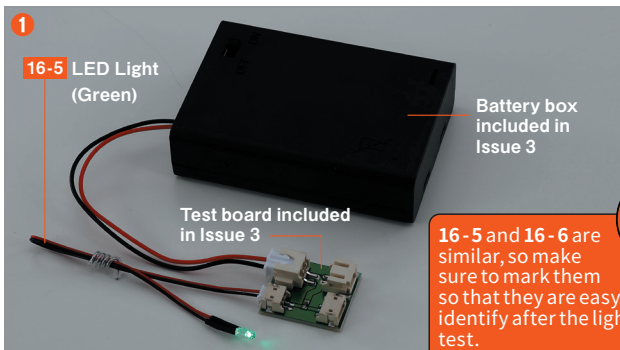


Cautions and Prohibitions.



Key points for using tools and techniques.

1 Test the lighting



Connect the **16-5 LED Light (Green)** 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 green lights up.

16-5 and 16-6 are similar, so make sure to mark them so that they are easy to identify after the lighting test.



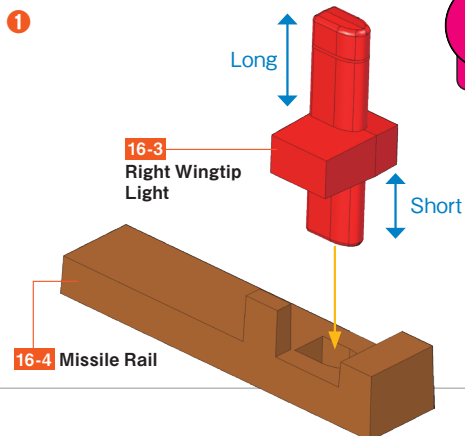
Connect the **16-6 LED Light (White)** to the battery box included in issue 3 and the test board as shown, turn the battery box switch to "ON" and confirm that the white light lights up.

16-5 and 16-6 are similar, so make sure to mark them so that they are easy to identify after the lighting test. After completing the lighting test, remove the batteries from the battery box and store it together with the test board.



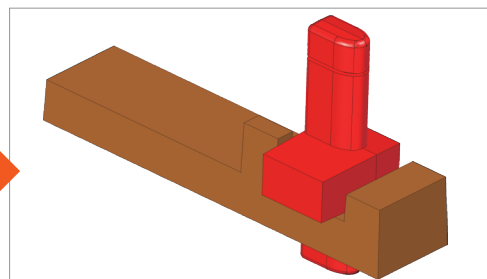
2 Assemble the Right Wingtip Station Rail

1

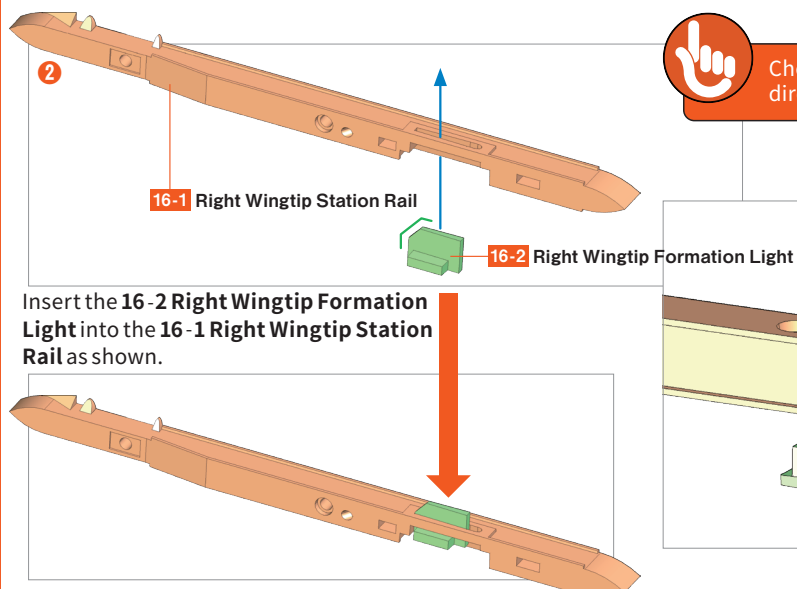


16-3 has an upper and lower area. Before inserting, check the shape of the protrusion part 16-3 and the hole in 16-4. Insert the short end of 16-3 into 16-4 as shown.

Insert the 16-3 Right Wingtip Light into the 16-4 Missile Rail as shown.



2

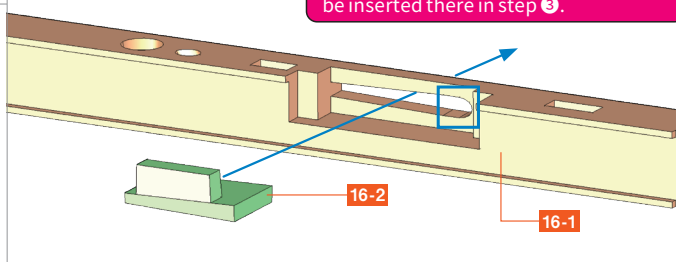


Check the orientation of 16-2, noting the direction of the angled corner, and insert as shown.

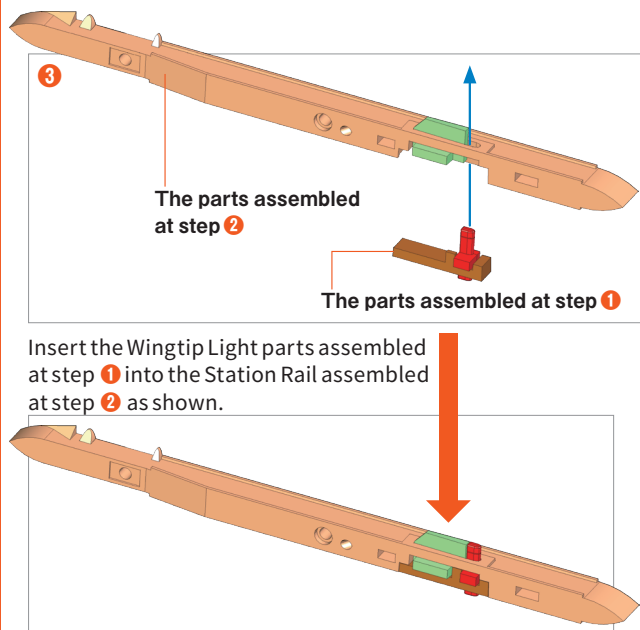
Insert the 16-2 Right Wingtip Formation Light into the 16-1 Right Wingtip Station Rail as shown.



Note the gap at the rear of 16-2 as indicated by the blue box. Leave it open, as parts will be inserted there in step 3.



3

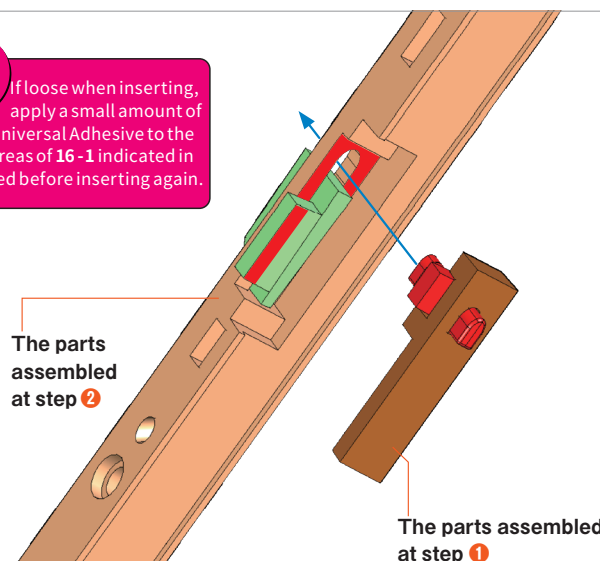


Insert the Wingtip Light parts assembled at step 1 into the Station Rail assembled at step 2 as shown.

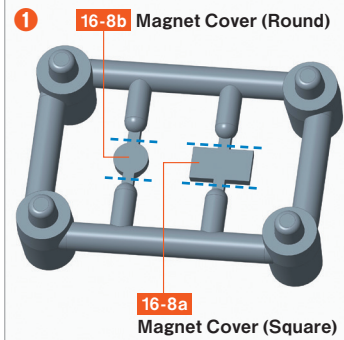


If loose when inserting, apply a small amount of Universal Adhesive to the areas of 16-1 indicated in red before inserting again.

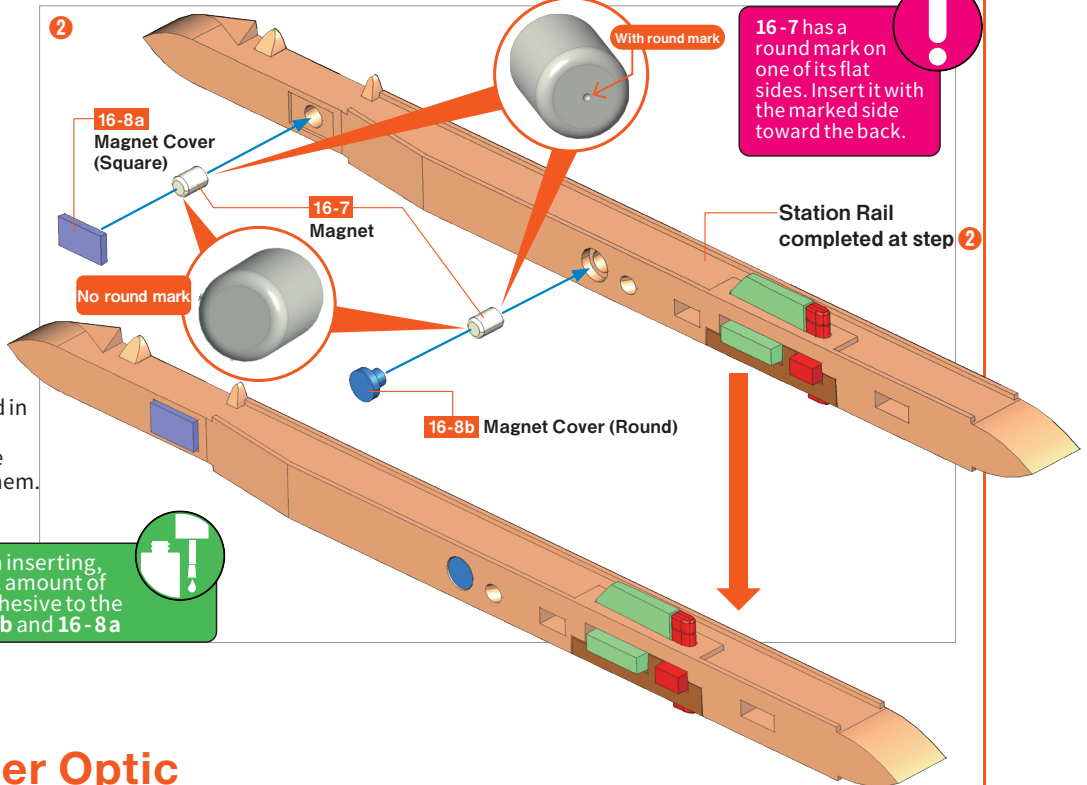
The parts assembled at step 2



3 Assemble the Station Rail



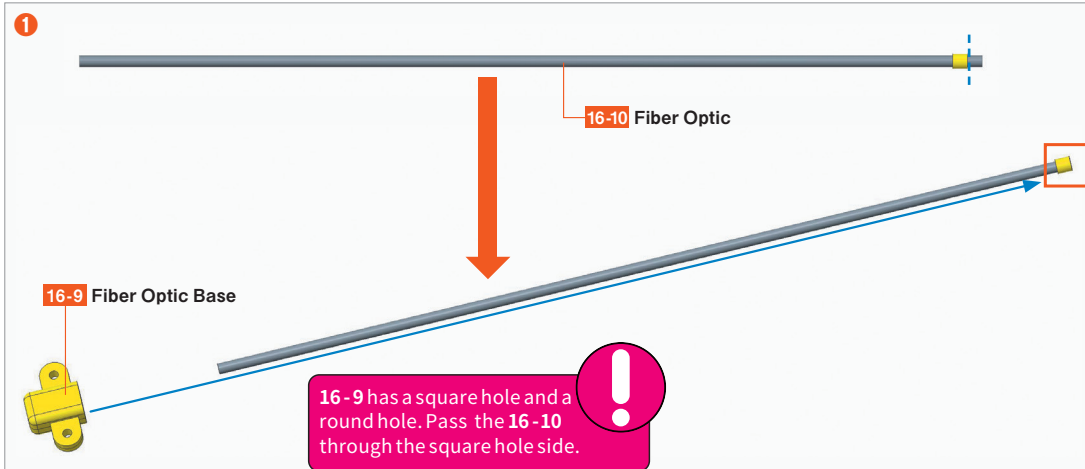
Cut the runner from the blue dotted line and take out the **16-8b Magnet Cover (Round)** and **16-8a Magnet Cover (Square)**.



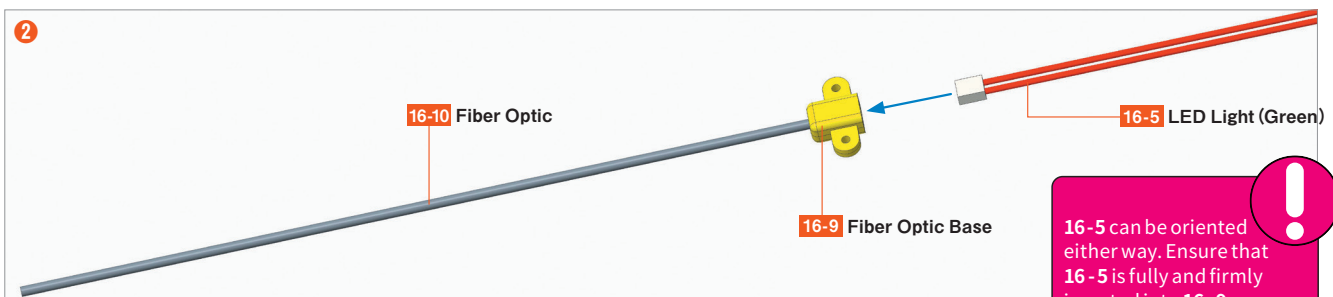
Insert the **16-7 Magnet** into the two locations on the station rail completed in step 2 as shown, and then insert the **16-8b Magnet Cover (Round)** and the **16-8a Magnet Cover (Square)** over them.

If loose when inserting, apply a small amount of Universal Adhesive to the back of **16-8b** and **16-8a**

4 Wiring the Fiber Optic



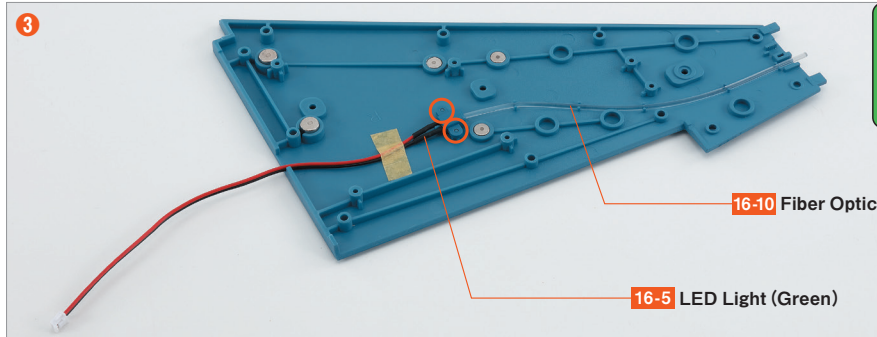
Use nippers to cut the part of the **16-10 Fiber Optic** that protrudes beyond the clasp (dashed blue line). Insert **16-9 Fiber Optic Base** into the opposite end of the cut fiber optic as shown.



Insert the tip of the **16-5 LED Light (Green)** into the base of the Fiber Optic assembled at step 1.



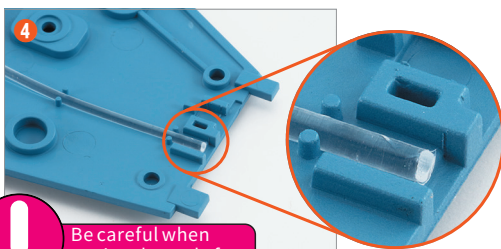
3



If the fitting comes loose, apply a small amount of ABS Cement to the marked circle area of 16-9 before fitting it in. Be careful not to apply ABS Cement to the 16-10 Fiber Optic.

Fit the LED Light and Fiber Optic assembled at step 2 onto the dedicated pins in the right wing assembled in issue 15 as shown.

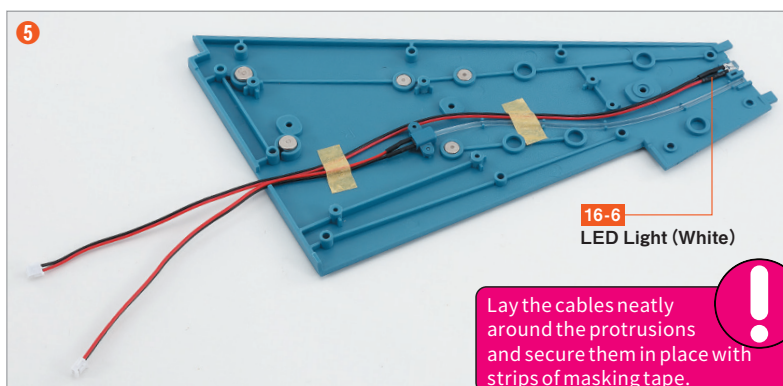
4



Be careful when cutting the end of 16-10. If it's cut too short the wingtip lights won't illuminate correctly. Please refer to the video demonstration for further reference.

Use nippers to cut the end of 16-10 Fiber Optic so it's flush with the outside end of its retaining step.

5



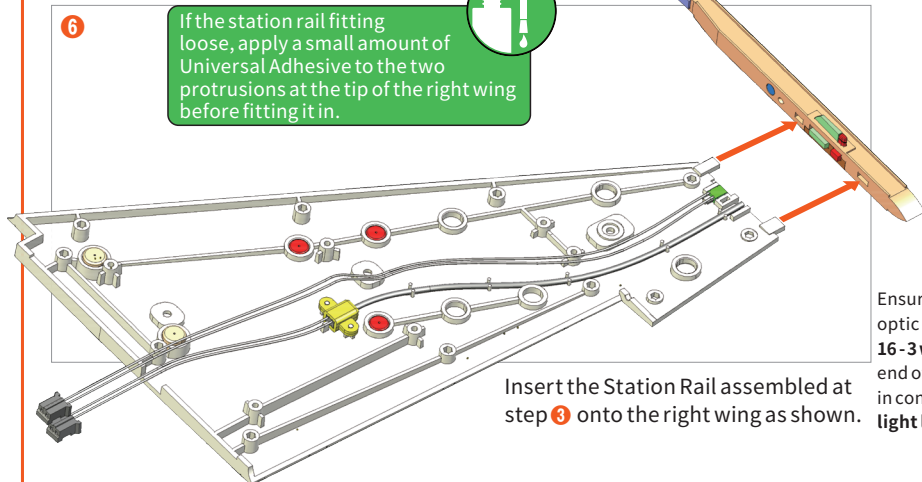
16-6 LED Light (White)

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

Install the 16-6 LED Light (White) inside the right wing as shown.

6

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



Insert the Station Rail assembled at step 3 onto the right wing as shown.

7



Ensure that the end of the fiber optic is set in contact with the 16-3 wingtip light lens and the end of the LED Light (White) is set in contact with the 16-2 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.

