



Issue 25

Assemble the lower fuselage 2

In this issue, we will assemble around the air intake. Pay attention to the orientation of the parts as we assemble them.

2

25-2 Air Intake 2

25-3 Air Intake 3

25-8 Fiber Optic Base

25-6 Aviation Light Parts 2

25-5 Aviation Light Parts 1

25-9 Fiber Optics

25-1 Air Intake 1

25-4 Air Intake 4

25-7 LED Light (Red)

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.

ABS Cement

For joining ABS plastic parts

3 AA batteries

For testing LED lighting.

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.

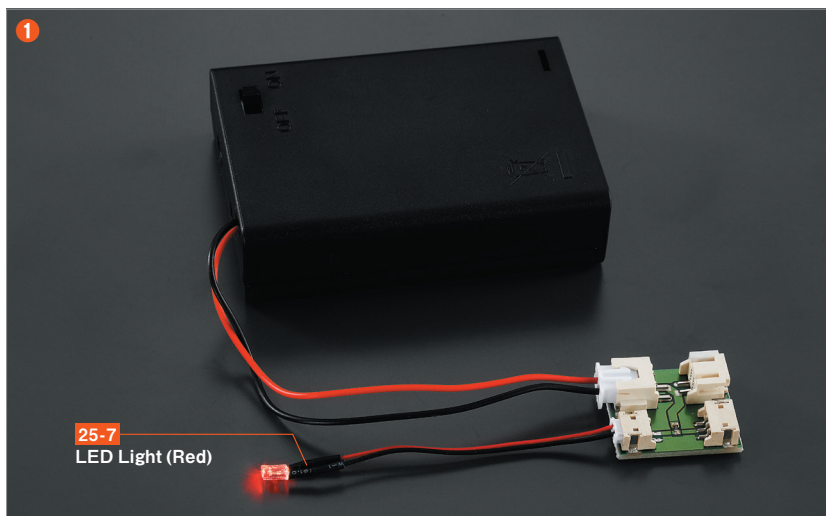


Cautions and Prohibitions.



Key points for using tools and techniques.

1



25-7 LED Light (Red)

1 Perform LED lighting test

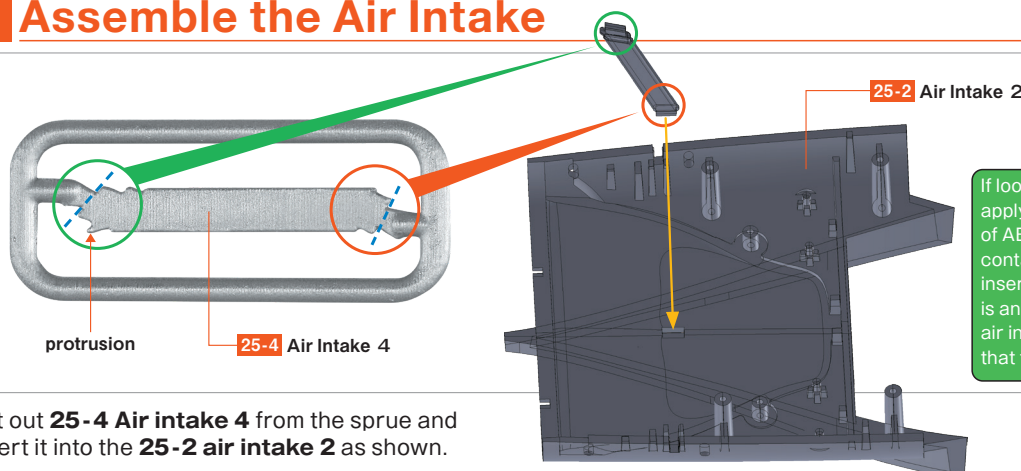
Connect the **25-7 LED Light (Red)** connector to the battery box and test board provided in issue 3. Turn the switch on the battery box to "ON" and verify that the red light is illuminated.



Once the lighting test is complete, remove the batteries from the battery box and store them along with the test board.

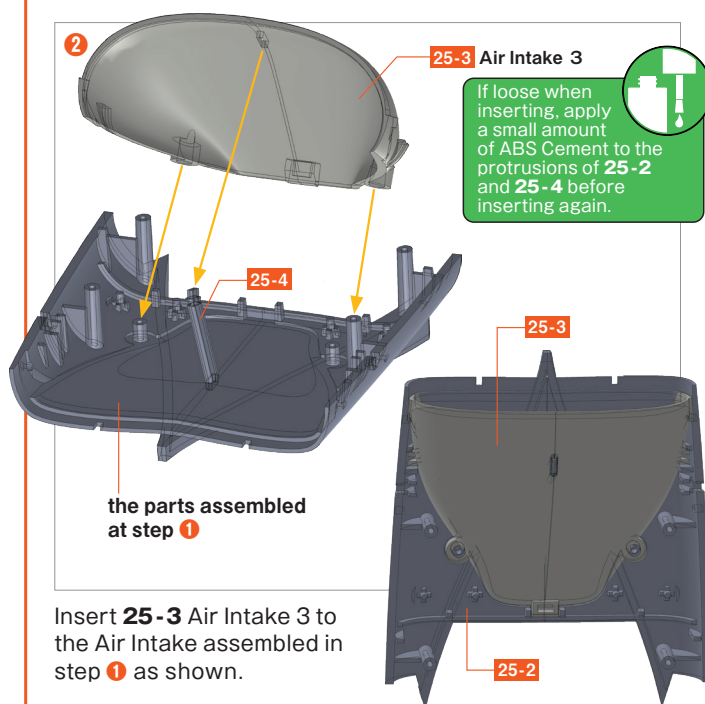
2 Assemble the Air Intake

1

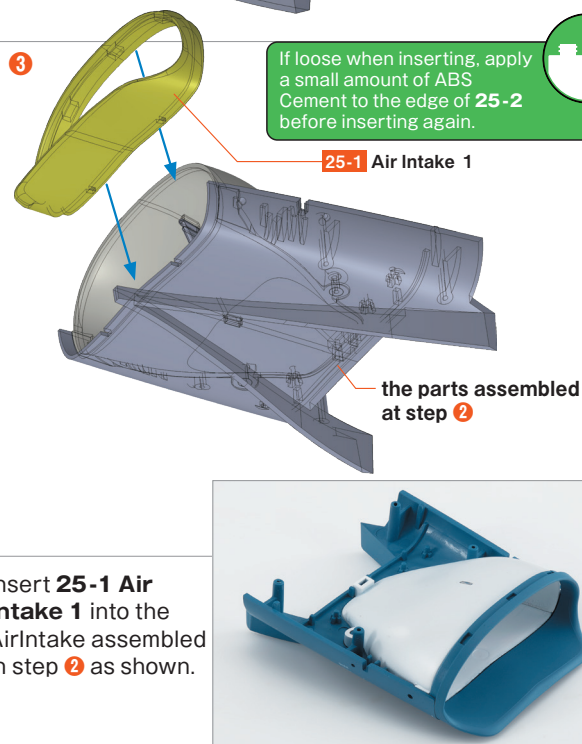


Cut out **25-4 Air intake 4** from the sprue and insert it into the **25-2 air intake 2** as shown.

2

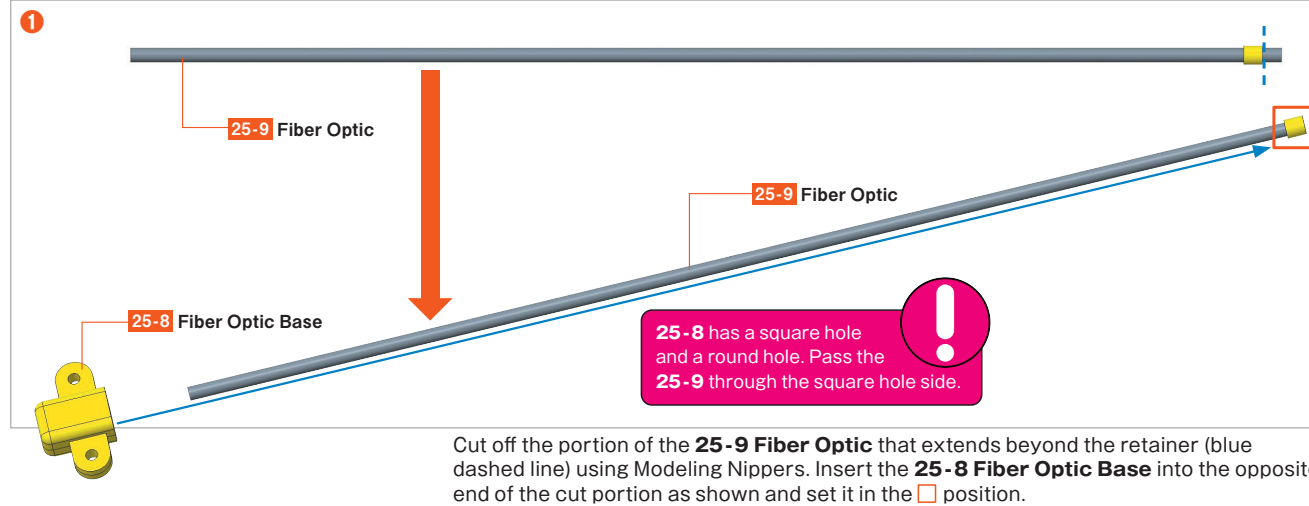


3



3 Attach the LED

1





2

The orientation of **25-7** does not matter. Ensure that the bracket part of **25-9** is securely fitted; otherwise, **25-7** will not fit properly.



25-7 LED Light (Red)

Fiber Optic Base assembled in step 1

Insert the tip of **25-7 LED Light (Red)** into the base of the Fiber Optic assembled in step 1.

3

25-9

25-8

25-9

Air Intake assembled in step 2

If loose when inserting, apply a small amount of ABS Cement to the two protrusions that the **25-8** part fits into before inserting again.



4

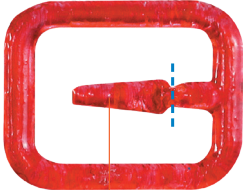
4mm

Insert the LED light assembled in step 2 into the air intake assembled in step 2. Gently bend the fiber optic and route it from the marked position (O) to the outside of the air intake.

If loose when inserting, apply a small amount of ABS Cement to the base of **25-6** before inserting again.



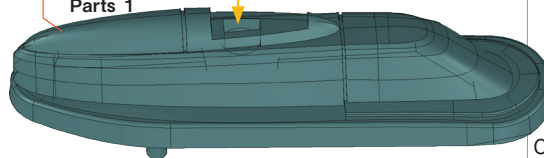
5



25-6 Aviation Light Parts 2

25-6 Aviation Light Parts 2

25-5 Aviation Light Parts 1



Cut the Fiber Optic that was routed out of the fuselage in step 3 at a position 4mm from the outer wall of the air intake.

The position at which the fiber optic cable is cut is critical, as a length either above or below 4mm may affect the transmission of the LED light. Pay careful attention to the length when cutting.



Cut **25-6 Aviation Light Parts 2** from the sprue and insert it into the **25-5 Aviation Light Parts 1**.

6

Air Intake assembled in step 4

If loose when inserting, apply a small amount of ABS Cement to the base of **25-5** before inserting again. The shorter protrusion is on the front of the air intake, and the longer protrusion is on the back. Be careful not to get adhesive on the area marked with a circle, which is the light-emitting part.



the parts assembled at step 5

Front side of the air intake (short protrusion)

Keep clear of adhesive

Back side (long protrusion)

Insert the aviation light parts assembled in step 5 into the air intake assembled in step 4.

Complete!

The assemble for this issue is now complete. Please store it carefully until it is integrated into the fuselage.

