



Assemble the Vulcan cannon and Antenna



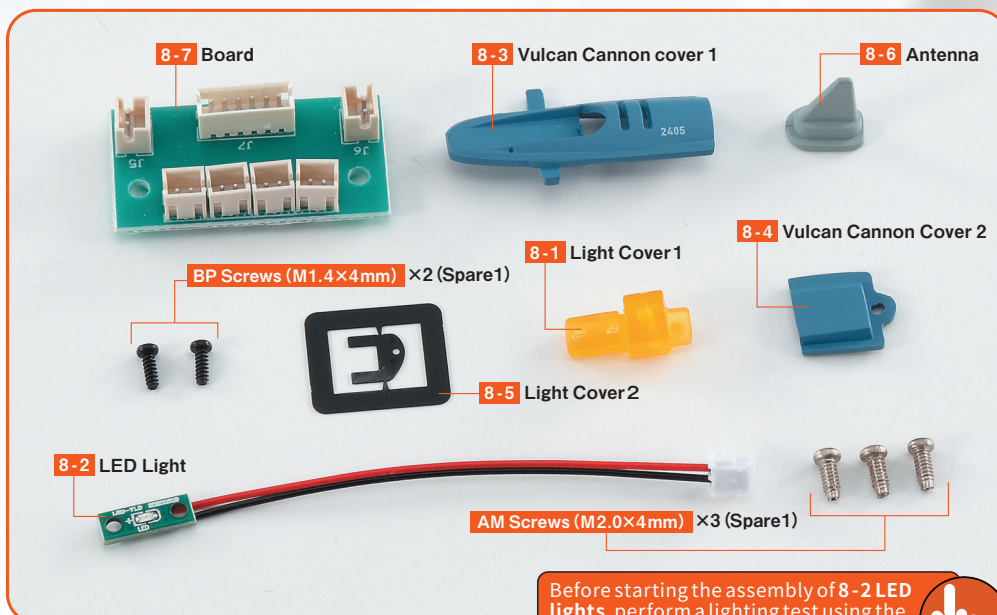
In this issue, we will attach the Vulcan cannon muzzle and antenna to the fuselage. Additionally, we will perform the wiring of the LED lights attached to the board in issues 1 to 7.

Tools Needed

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

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

Demonstration videos



Before starting the assembly of **8-2 LED lights**, perform a lighting test using the battery box and test board provided in issue 3.

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.



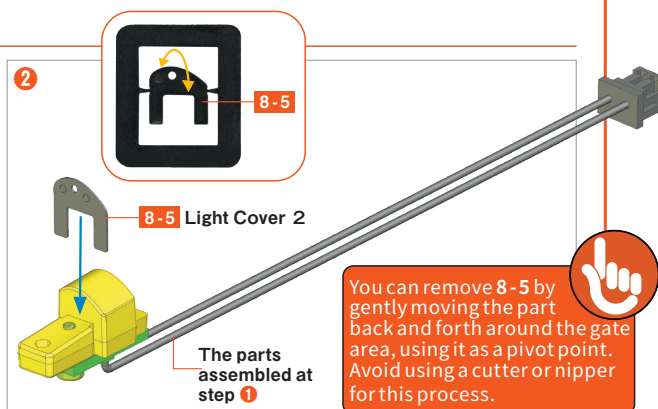
Key points for using tools and techniques.

1 Assemble the vulcan cannon



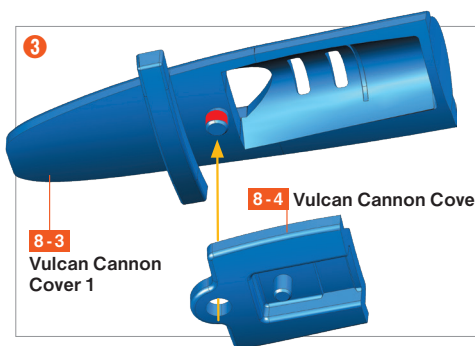
Attach the **8-2 LED Light** to the **8-1 Light Cover 1** as shown, and secure it with **BP Screws (M1.4x4mm)**.

There is no left or right in **8-2**. Attach one protrusion from **8-1** to one of the two holes and a screw to the other.



Remove **8-5 Light Cover 2** from the runner, and attach it to the Light cover 1 assembled at step 1 as shown.

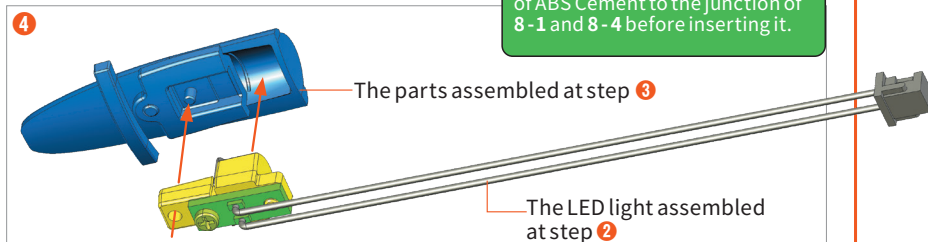
You can remove **8-5** by gently moving the part back and forth around the gate area, using it as a pivot point. Avoid using a cutter or nipper for this process.



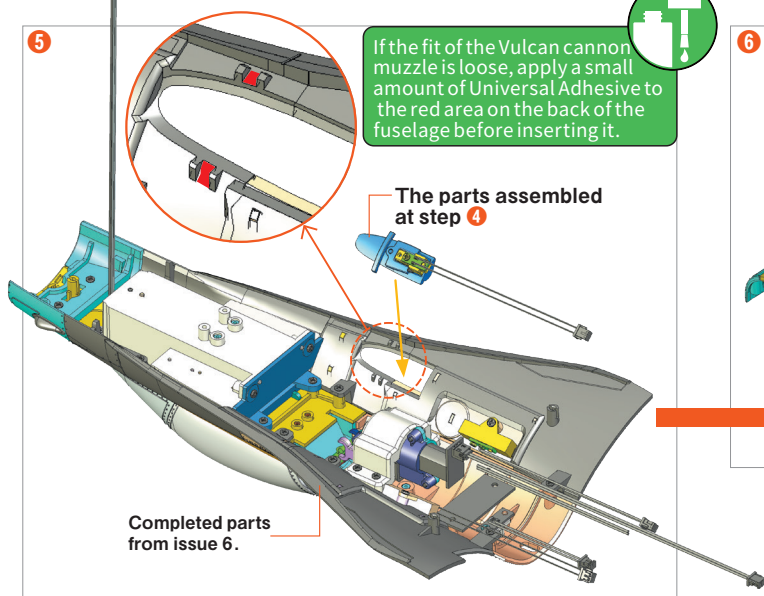
Insert **8-4** Vulcan Cannon Cover 2 into Vulcan cannon cover 1 as shown.

If **8-4** fitting is loose, apply a small amount of ABS Cement to the red area on the protrusion of **8-3**, then insert it.

If the LED light fitting is loose, apply a small amount of ABS Cement to the junction of **8-1** and **8-4** before inserting it.



Attach the LED light assembled at step **2** to the Vulcan cannon cover assembled at step **3** as shown.

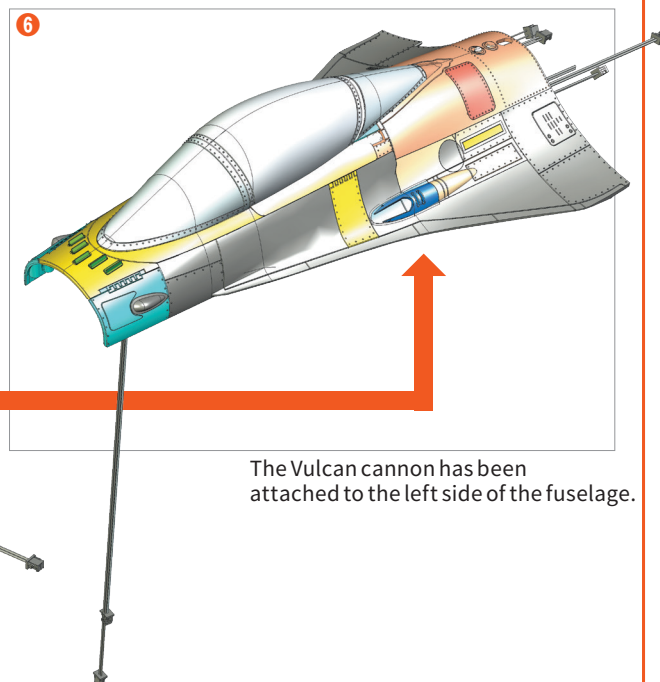


If the fit of the Vulcan cannon muzzle is loose, apply a small amount of Universal Adhesive to the red area on the back of the fuselage before inserting it.

The parts assembled at step **4**

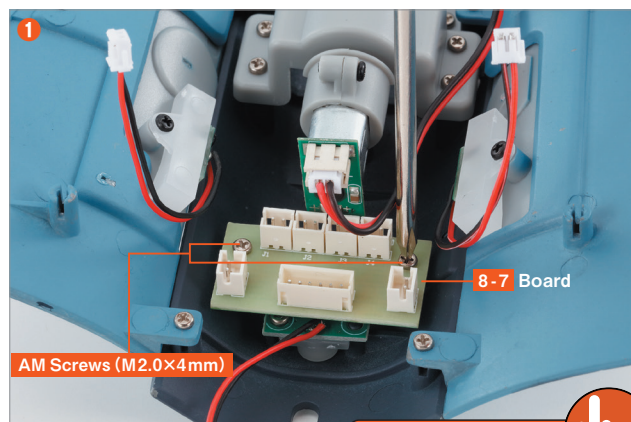
Completed parts from issue 6.

Attach the Vulcan cannon muzzle assembled at step **4** to the fuselage assembled up to issue 6 as shown.



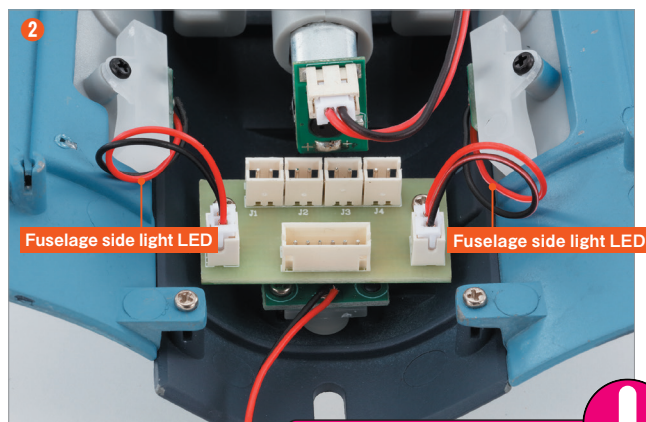
The Vulcan cannon has been attached to the left side of the fuselage.

2 Wire the LED lights



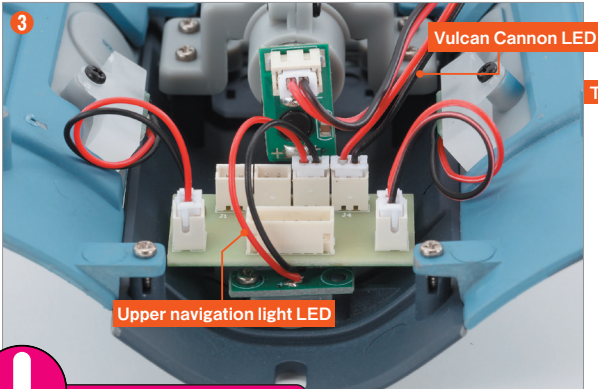
Place the **8-7 Board** to the back of fuselage, and secure it with two AM screws (M2.0 × 4 mm).

When tightening the screws, be careful not to let the various wires get under the board.



Insert the connector for the fuselage's side formation light LEDs into the **8-7 Board** as shown.

Check that the red wires are to the right when viewed from the LED side, as shown.



Insert the connector so that the red wires are on the left side when viewed from the rear of the fuselage as shown.

Insert the connectors of the Vulcan cannon LED and the fuselage's upper navigation light LED to the positions on the 8-7 Board as shown.

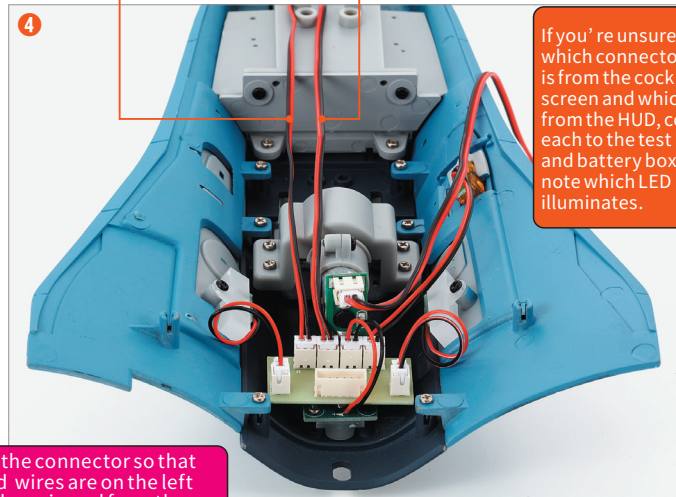


The LED for the cockpit light.



The LED for the HUD

Insert the connectors of the HUD LED and the cockpit light LED into the positions on the 8-7 Board as shown.

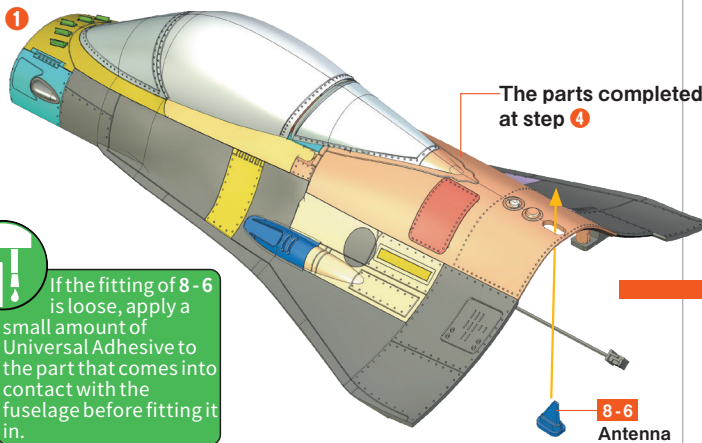


If you're unsure which connector is from the cockpit screen and which is from the HUD, connect each to the test board and battery box and note which LED illuminates.

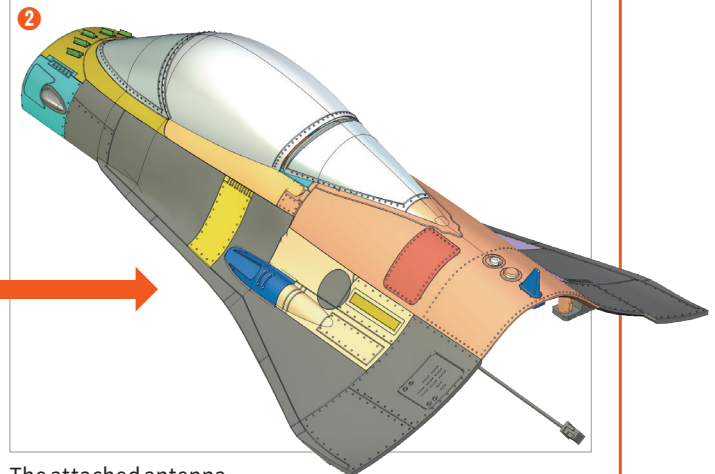
Insert the connector so that the red wires are on the left side when viewed from the rear of the fuselage as shown.



3 Attach the antenna



If the fitting of 8-6 is loose, apply a small amount of Universal Adhesive to the part that comes into contact with the fuselage before fitting it in.



Attach the 8-6 Antenna from below to the rear part of the completed fuselage at step 4.

The attached antenna.

Complete!

The assembly for this issue is now complete.

