

Assembling the Cockpit 2

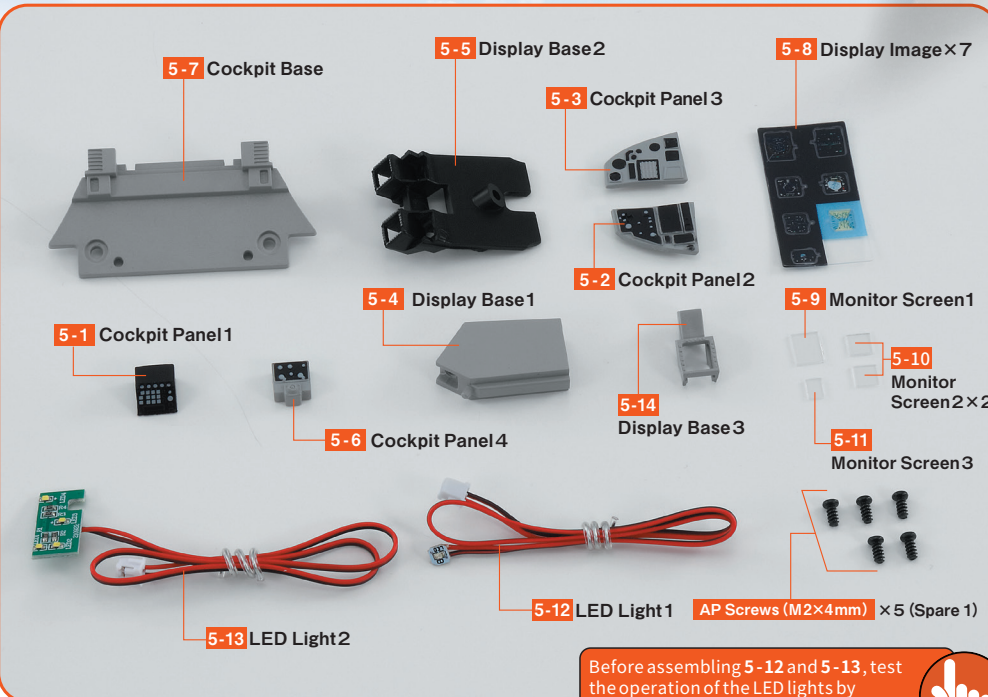
In this issue, we will insert panels and displays into the cockpit to bring it closer to completion.

Tools Needed

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

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

Demonstration videos



Before assembling 5-12 and 5-13, test the operation of the LED lights by following the same procedure as for the LED light 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.

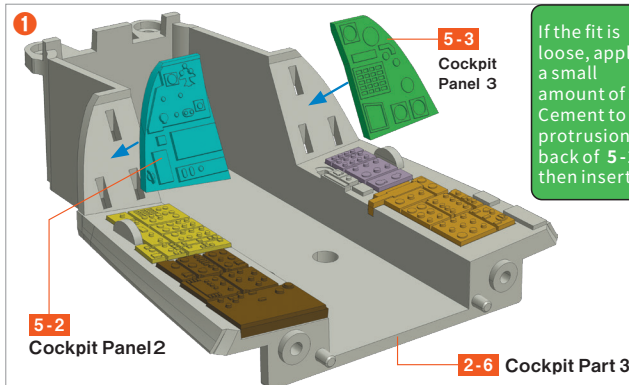


Cautions and Prohibitions.

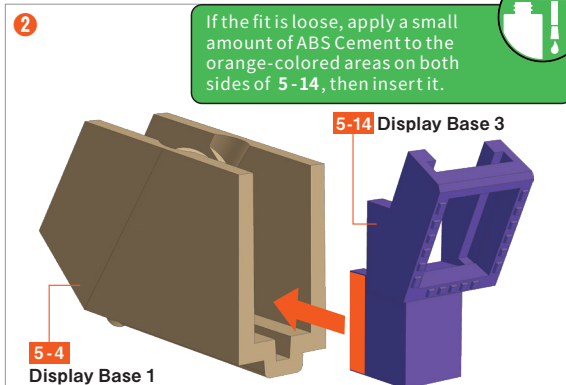


Key points for using tools and techniques.

1 Assemble the cockpit



Insert 5-2 Cockpit Panel 2 and 5-3 Cockpit Panel 3 to 2-6 Cockpit Part 3 as shown.



Insert 5-14 Display Base 3 to 5-4 Display Base 1 as shown.



3

The parts assembled at step 2

5-6 Cockpit Panel 4

If the fit is loose, apply a small amount of ABS Cement to the orange-colored areas on both sides of 5-4, then insert it.

Insert 5-6 Cockpit Panel 4 to the display base assembled at step 2 as shown.

4

5-9 Monitor Screen 1

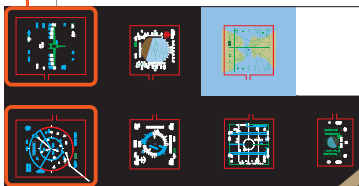
The parts assembled at step 3

Ensure that you are using 5-9, the largest of the clear monitor screens included in this issue. There is no difference between the front and back sides of 5-9.

Slide 5-9 Monitor Screen 1, with both protective films removed, into the display base assembled at step 3 as shown.

5

5-8 Display Image
(Your chosen large display)



The parts assembled at step 4

Select whichever of the two large display images you prefer (indicated above by the orange frames). Cut it from the sheet, peel off the surface protection film and insert it into the display base behind 5-9 Monitor Screen 1 as shown.

The images in 5-8 are partly pre-cut - you only need to cut off the connected area to remove your chosen display image. Ensure the image is inserted behind the monitor screen, facing into the cockpit.

6

AP Screw (M2x4mm)

5-5 Display base 2

The parts assembled at step 5

Combine 5-5 Display Base 2 with the display base assembled at step 5 and secure them with one AP Screw (M2 x 4 mm).

5-10 Monitor Screen 2

8

5-11 Monitor Screen 3

The parts assembled at step 7

Remove the protective film from 5-11 Monitor Screen 3 and both 5-10 Monitor Screen 2 and insert each into the display base assembled at step 7 as shown.

Ensure you insert the monitor screens in the correct positions. 5-11 is the smallest, rectangular screen. The two 5-10 screens are identical. There is no front or back side to any of the screens.

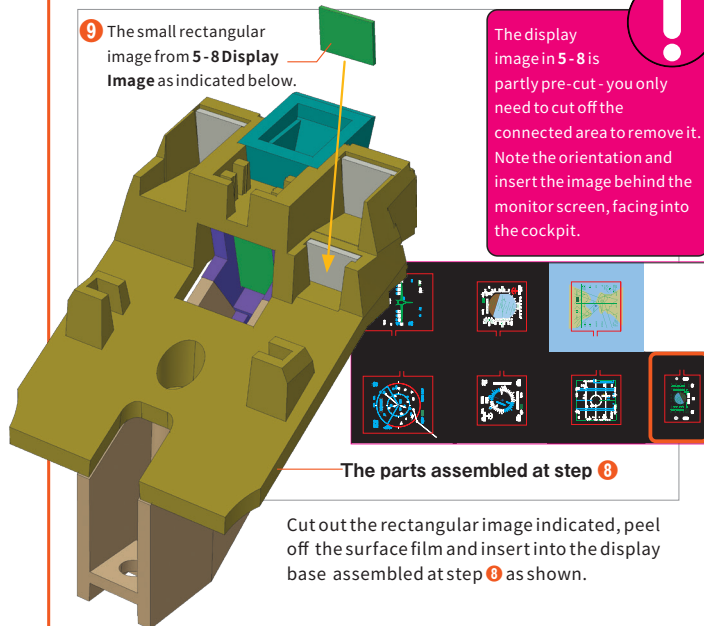
5-1 Cockpit Panel 1

If the fit is loose, apply a small amount of ABS Cement to the orange-colored areas on both sides of 5-1, then insert it.

Insert 5-1 Cockpit Panel 1 into the display base assembled at step 6 as shown.

- 9 The small rectangular image from 5-8 Display Image as indicated below.

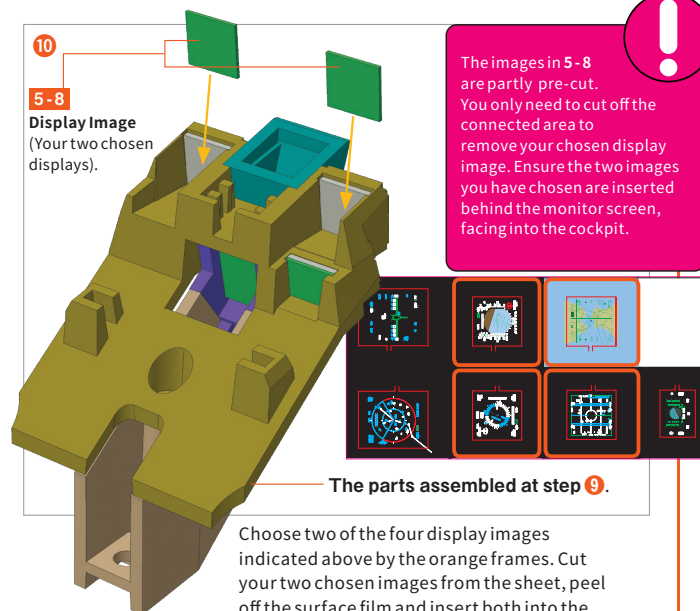
The display image in 5-8 is partly pre-cut - you only need to cut off the connected area to remove it. Note the orientation and insert the image behind the monitor screen, facing into the cockpit.



Cut out the rectangular image indicated, peel off the surface film and insert into the display base assembled at step 8 as shown.

- 10 5-8 Display Image (Your two chosen displays).

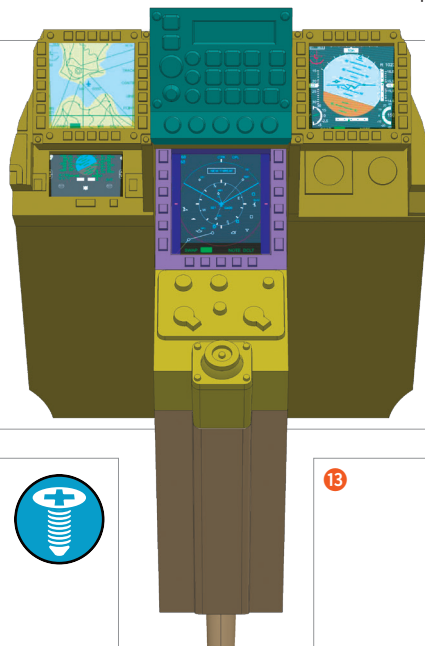
The images in 5-8 are partly pre-cut. You only need to cut off the connected area to remove your chosen display image. Ensure the two images you have chosen are inserted behind the monitor screen, facing into the cockpit.



Choose two of the four display images indicated above by the orange frames. Cut your two chosen images from the sheet, peel off the surface film and insert both into the display base assembled at step 9 as shown.

The cockpit displays and panels are now complete.

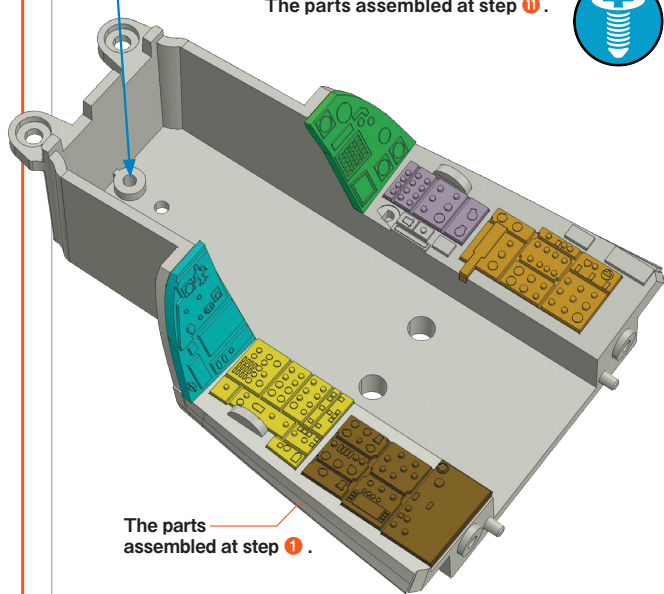
11



AP screws (M2x4mm)

12

The parts assembled at step 11.



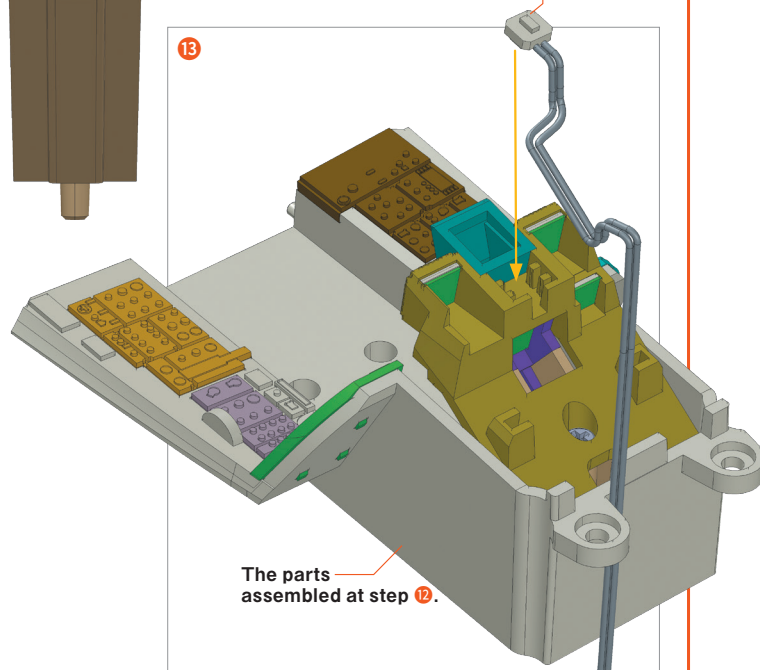
The parts assembled at step 1.

Attach the display completed at step 11 to the cockpit assembly from step 1 as shown and secure it with one AP Screw (M2 x 4 mm).

5-12 LED Light 1

13

The parts assembled at step 12.



Insert 5-12 LED Light 1 circuit board with the light side facing up and the cable side facing down, as shown.



Insert **5-13 LED Light 2** to the cockpit parts assembled at step ⑬.



Insert **5-13** to the slots on **5-5 Display Base 2** as shown, ensuring that the cables from **5-12** pass through the cutaway section of **5-13**.

⑭

5-13 LED Light 2

The parts assembled at step ⑬

⑮

5-7 Cockpit Base

AP screws (M2×4mm)

Attach **5-7 Cockpit Base** to the rear of the cockpit parts assembled at step ⑭ and secure it in place with two **AP screws (M2×4mm)**.

Complete!

The assembly for this issue is now complete.