



Issue 57

Assemble the Engine Nozzle ①



In this issue, we will begin assembling the engine nozzle. Be careful, as there are many similar-looking parts.

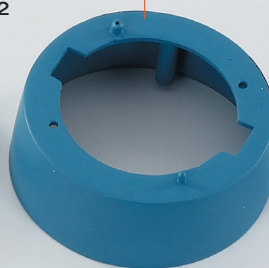
57-1 Engine Parts 1



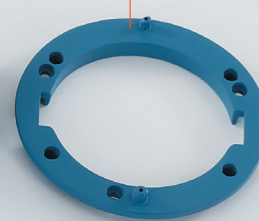
57-2 Engine Parts 2



57-3 Engine Parts 3



57-4 Engine Parts 4



57-6 Iris Panel 2×12



57-5 Iris Panel 1×12



57-7 Magnet×4



AP Screw (M2.0×4mm) ×6 (1 spare)



Tools Needed

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

☐ **Screwdriver**
Included in Issue 1.

☐ **ABS Cement**
For joining ABS plastic parts.

☐ **Universal Adhesive**
For joining metal parts.

Check!

Be sure to check the assembly video for detailed demonstrations.



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 Engine Nozzle

1

AP Screw (M2.0×4mm)

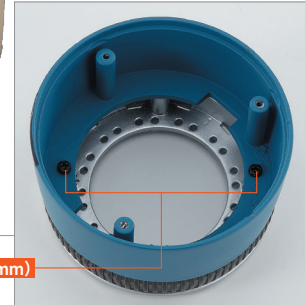
57-3 Engine Parts 3

57-2 Engine Parts 2

57-1 Engine Parts 1

Orient the curved edge towards the 57-3 side.

57-2 has a specific orientation for insertion. Refer to the 3D diagram and insert it in the correct orientation. Also, align the parts marked with a circle between 57-1 and 57-2, and between 57-1 and 57-3, and secure them with screws.



Combine 57-1 Engine Parts 1, 57-2 Engine Parts 2, and 57-3 Engine Parts 3 as shown, and secure them from the inside of 57-3 with two AP screws (M2.0×4mm).

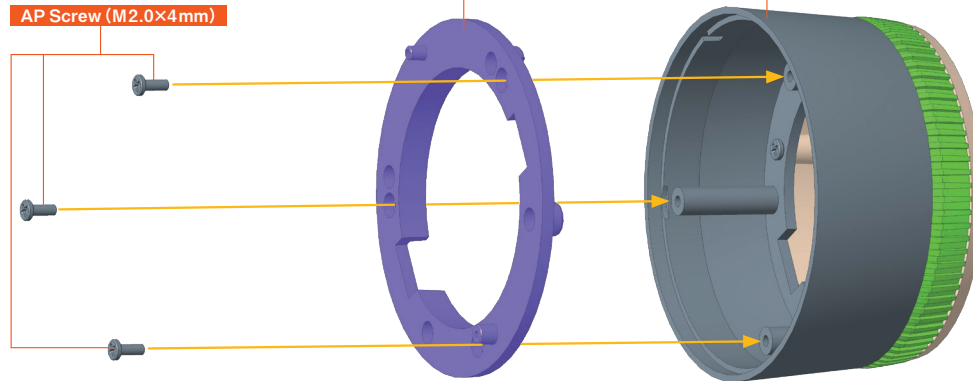
AP Screw (M2.0×4mm)

2

AP Screw (M2.0×4mm)

57-4 Engine Parts 4

the parts assembled at step 1



Insert 57-4 Engine Parts 4 into the engine nozzle assembled in step 1 and secure it with three AP screws (M2.0×4mm).

3

Round Mark

57-7 Magnet

With round mark

57-7 Magnet

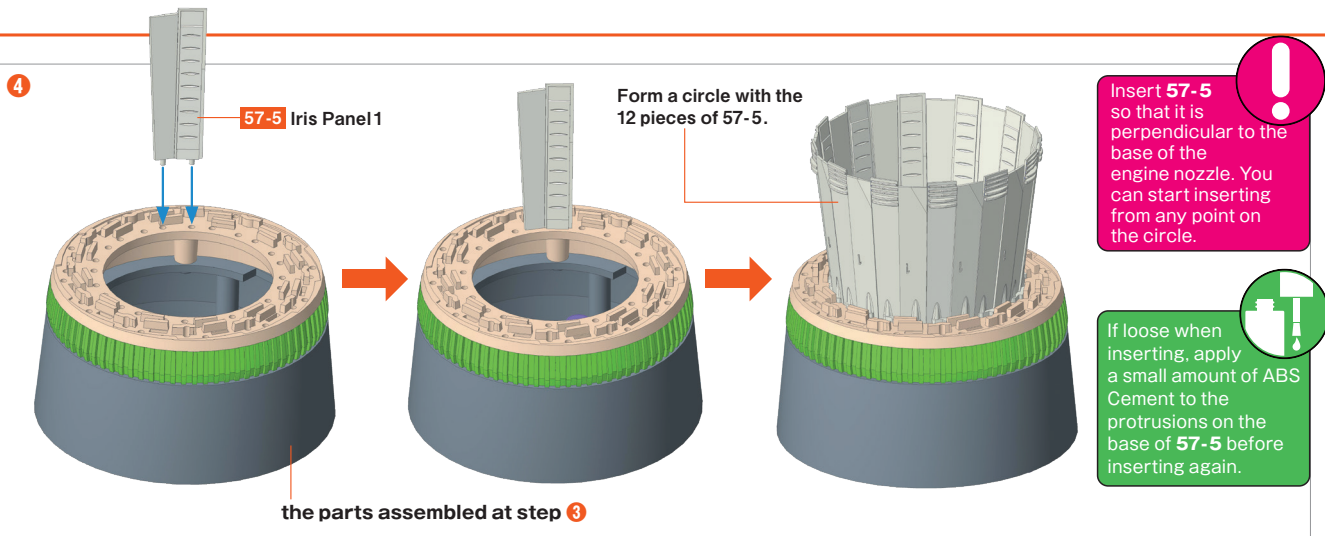
With round mark

57-7 has a specific orientation for insertion. Insert it so that the round mark on the flat surface of 57-7 is visible.

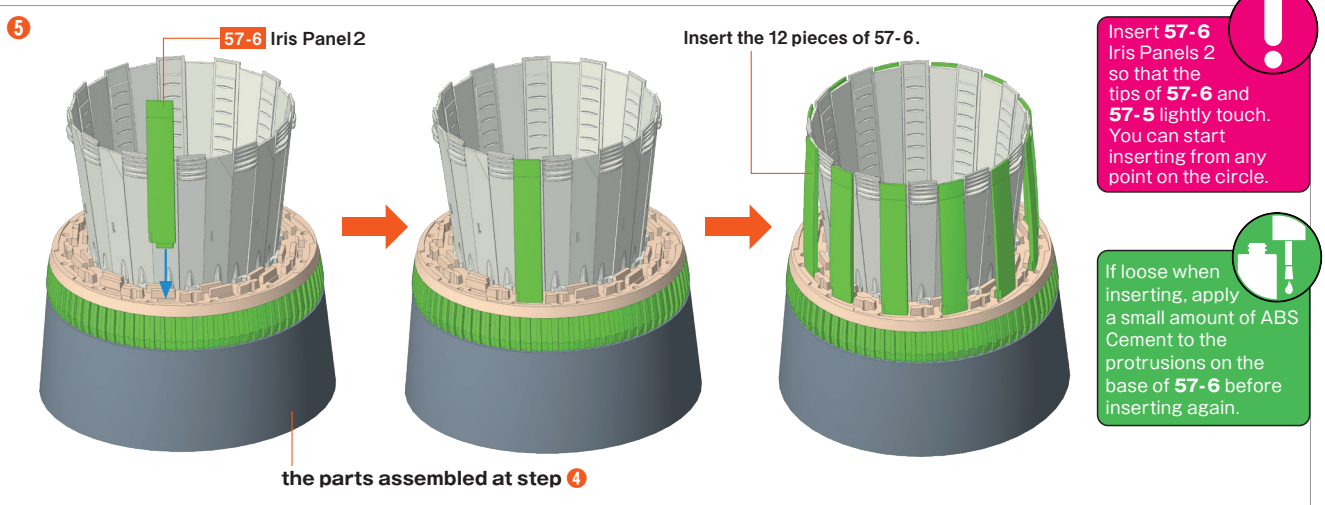
If loose when inserting, apply a small amount of Universal Adhesive to the side of 57-7 without the round mark before inserting again.

Insert 57-7 Magnets into the four positions of the engine nozzle assembled in step 2 as shown.





Insert **57-5 Iris Panels 1** into the engine nozzle assembled in step **3** as shown. Insert all 12 pieces of **57-5** to form a complete circle with no gaps.



Insert **57-6 Iris Panels 2** into the engine nozzle assembled in step **4** as shown. Insert all 12 pieces of **57-6**.

Complete!

The assembly for this issue is now complete.

