



Issue 30

Assemble the lower fuselage 7

In this issue, we will assemble the lower part of the aircraft and the landing gear retraction mechanism. Proceed with caution as these are movable parts.

7



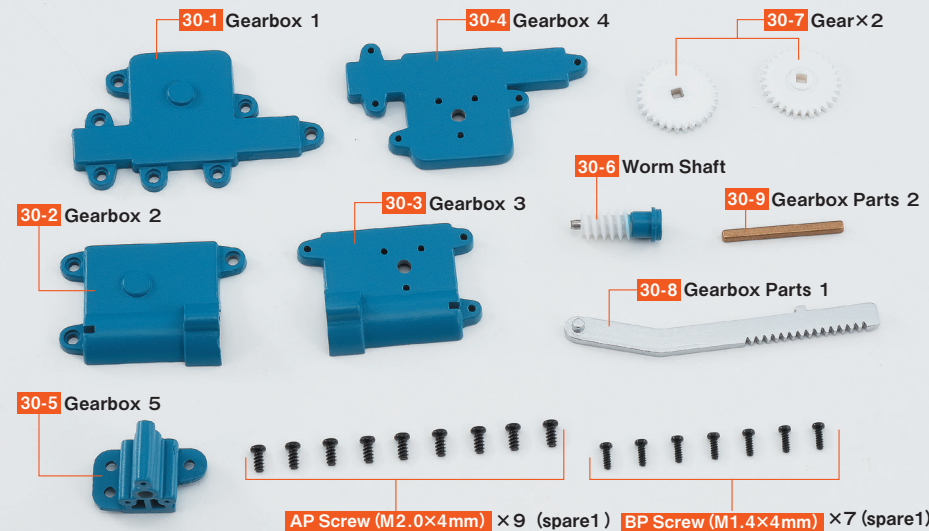
Tools Needed

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

☐ **Screwdriver**
Included in Issue 1.

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.

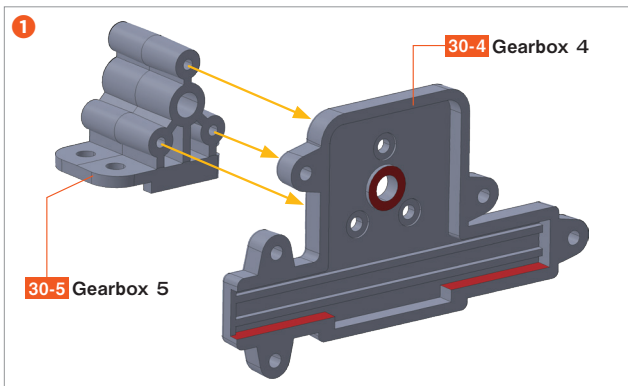


Cautions and Prohibitions.

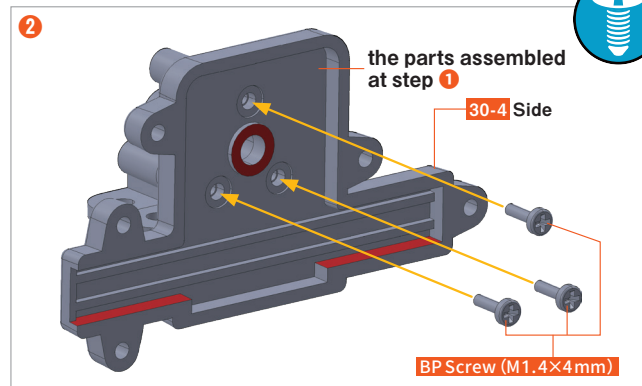


Key points for using tools and techniques.

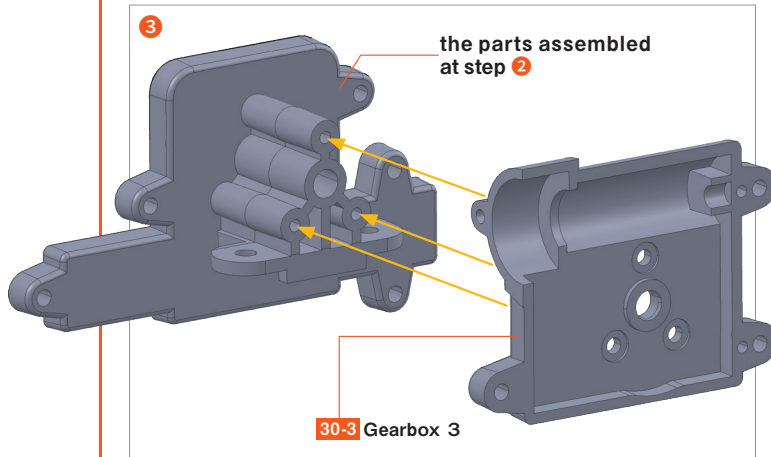
1 Assemble the Gearbox



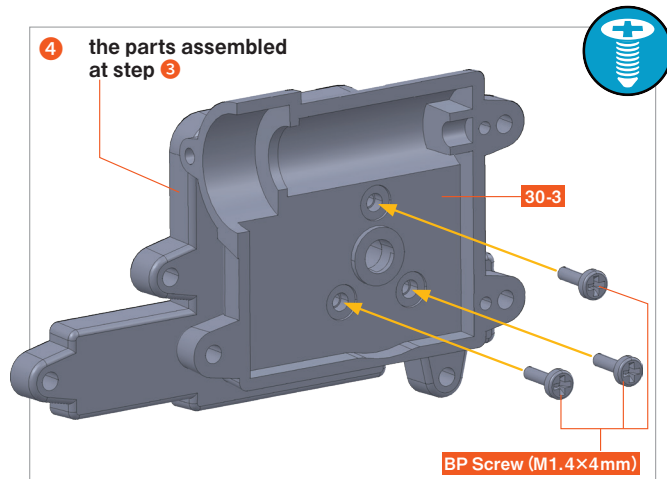
Assemble **30-4 Gearbox 4** and **30-5 Gearbox 5** as shown.



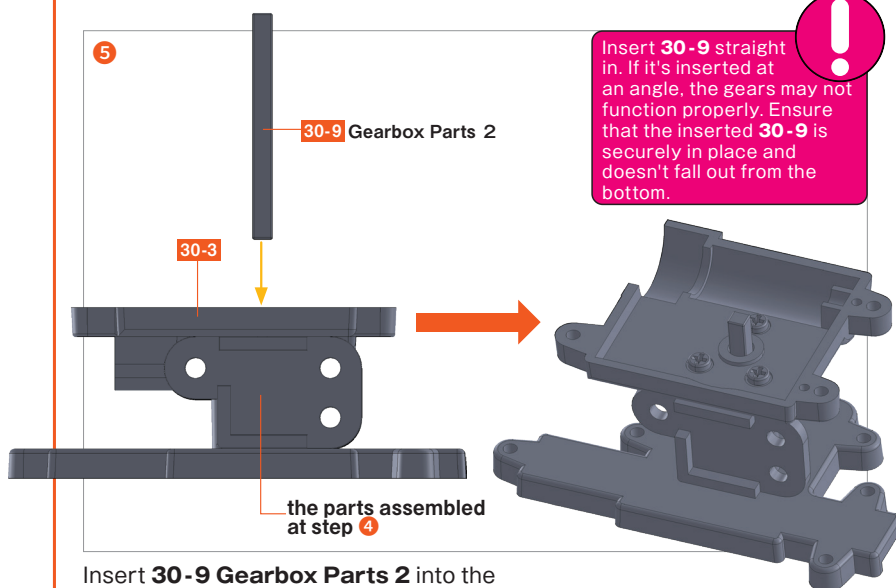
Secure three places on the **30-4 Side** of the gearbox assembled at step 1 with **BP Screws (M1.4x4mm)**.



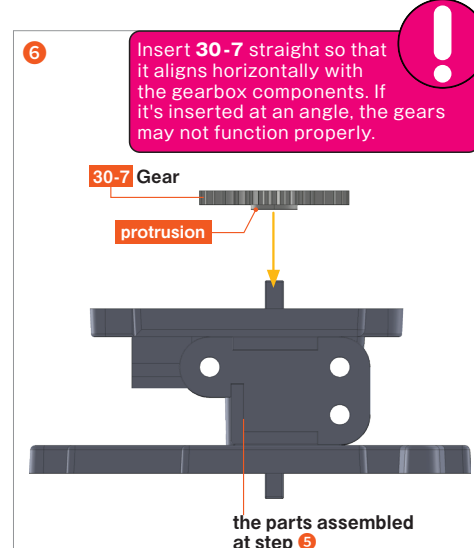
Assemble **30-3 Gearbox 3** with the gearbox assembled in step 2 as shown.



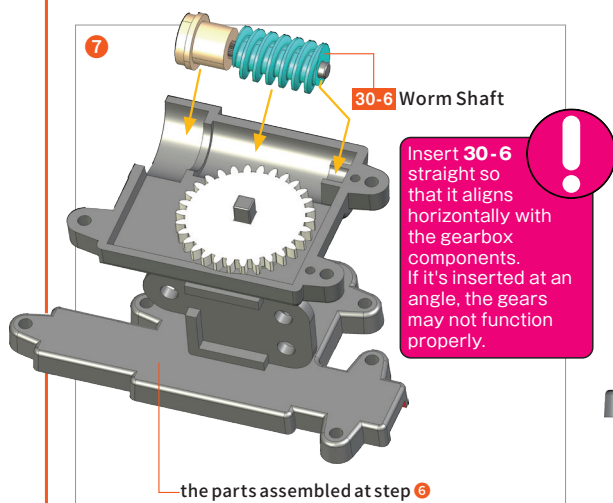
Secure three locations with **BP Screws (M1.4x4mm)** from the **30-3** side of the gearbox assembled in step 3.



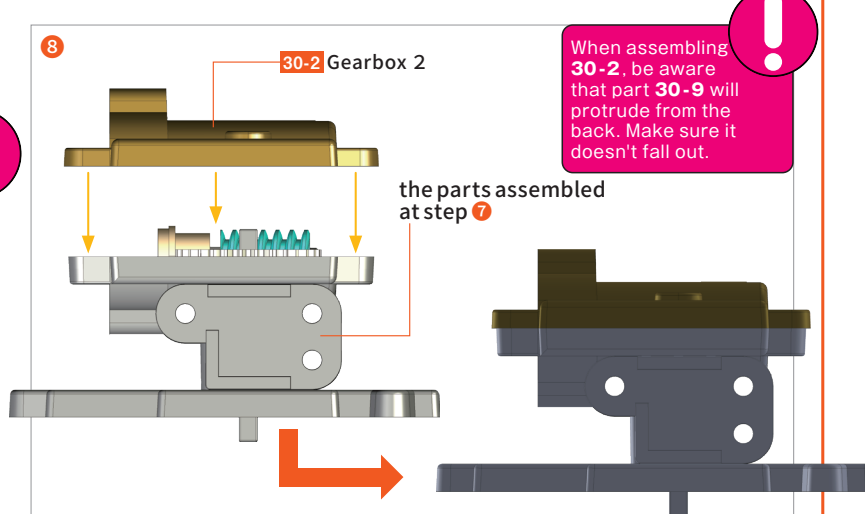
Insert **30-9 Gearbox Parts 2** into the gearbox assembled in step 4 as shown.



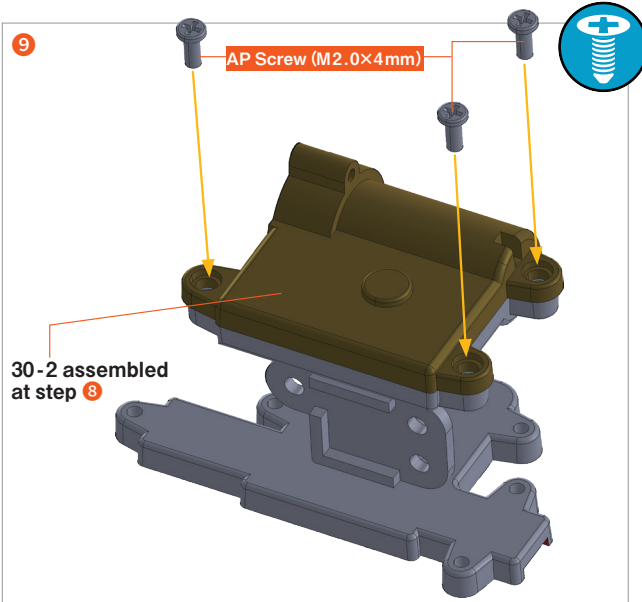
Insert one **30-7 Gear** into the gearbox assembled in step 5, with the protrusion part facing downward as shown.



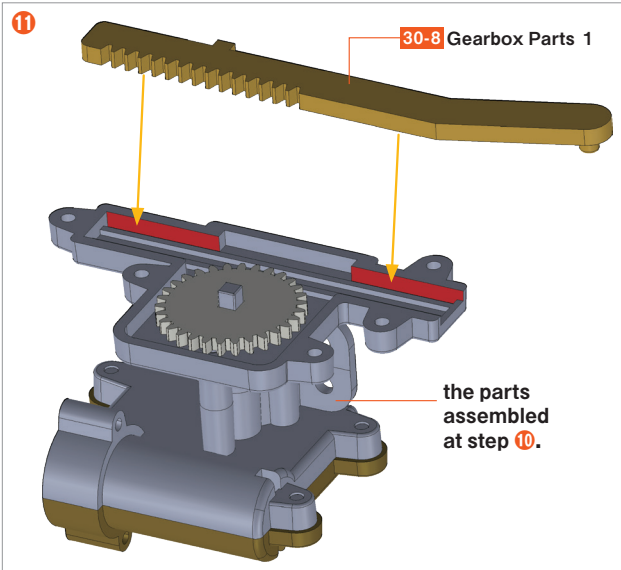
Insert the **30-6 Worm Shaft** into the gearbox assembled in step 6 as shown.



Assemble **30-3 Gearbox 2** with the gearbox assembled in step 7 as shown.



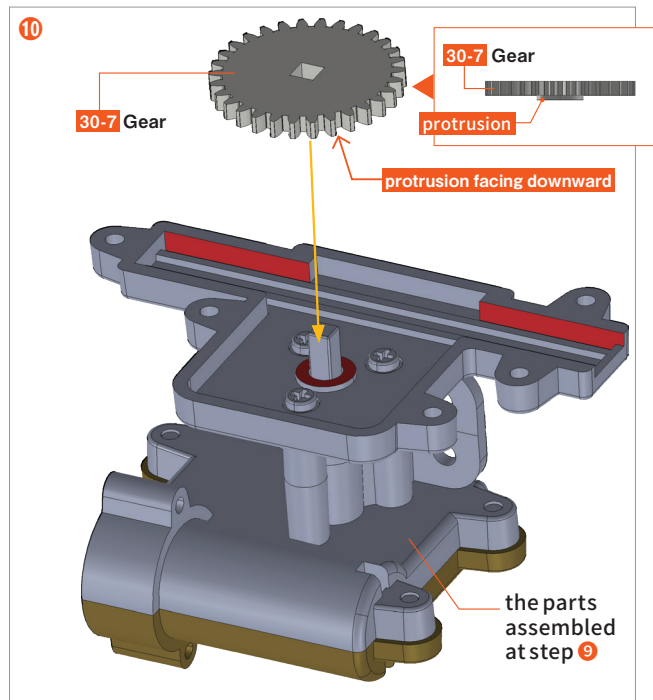
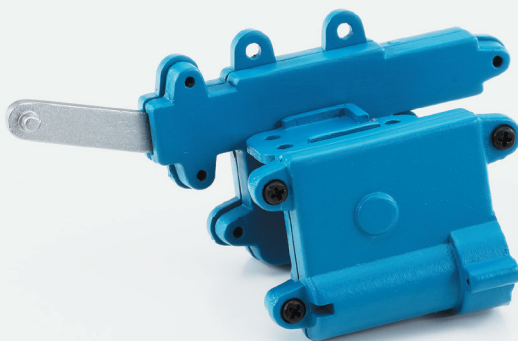
Secure the **30-2** assembled in step 8 with three **AP screws (M2.0x4 mm)**.



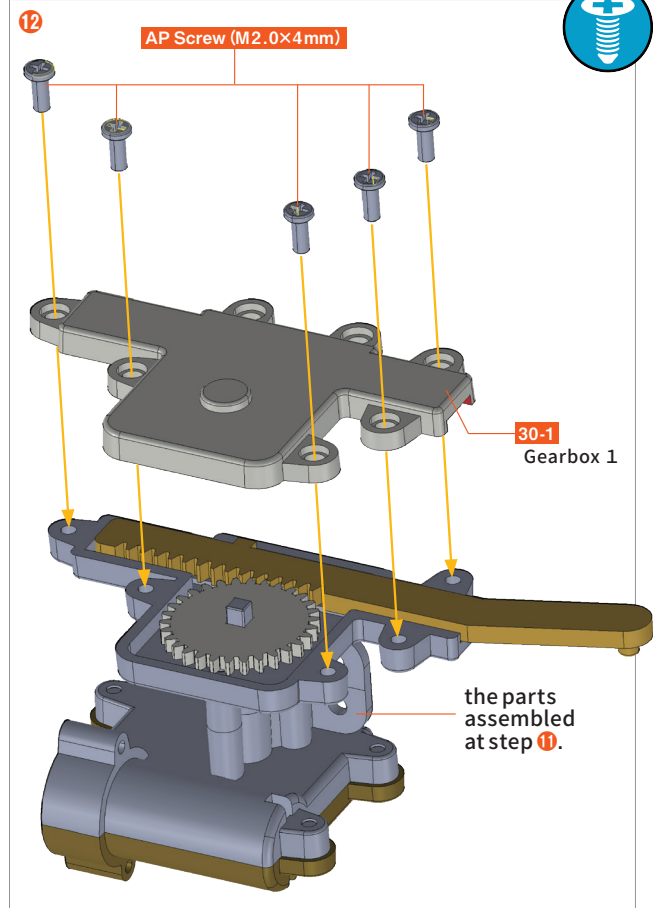
Assemble **30-8 Gearbox Parts 1** with the gearbox assembled in step 10 as shown.

Complete!

The assembly for this issue is now complete.



Flip the gearbox assembled in step 9, and insert one **30-7 Gear** into the protruding **30-9** with the protrusion part facing downward.



Assemble the **30-1 Gearbox 1** in the location of the gearbox assembled in step 11, and secure it with five **AP screws (M2.0 x 4 mm)**.