



HOW TO MAKE BETTER  
**ASSEMBLE**



Today, we will learn how to assemble plastic miniatures like experts. I'll assemble the Warhammer miniature, but this method itself can be used for any miniature if the material is plastic.

First, cut the bits from the sprue using a nipper. Don't cut the nipper too close to the bits. Make sure to cut it with a little space.

The sharper the nipper, the better. This is because if a rough nipper is used, one side of the sprue may be weighed and the thin details of the opposite connection may be broken. It is recommended to use a modeling nipper.



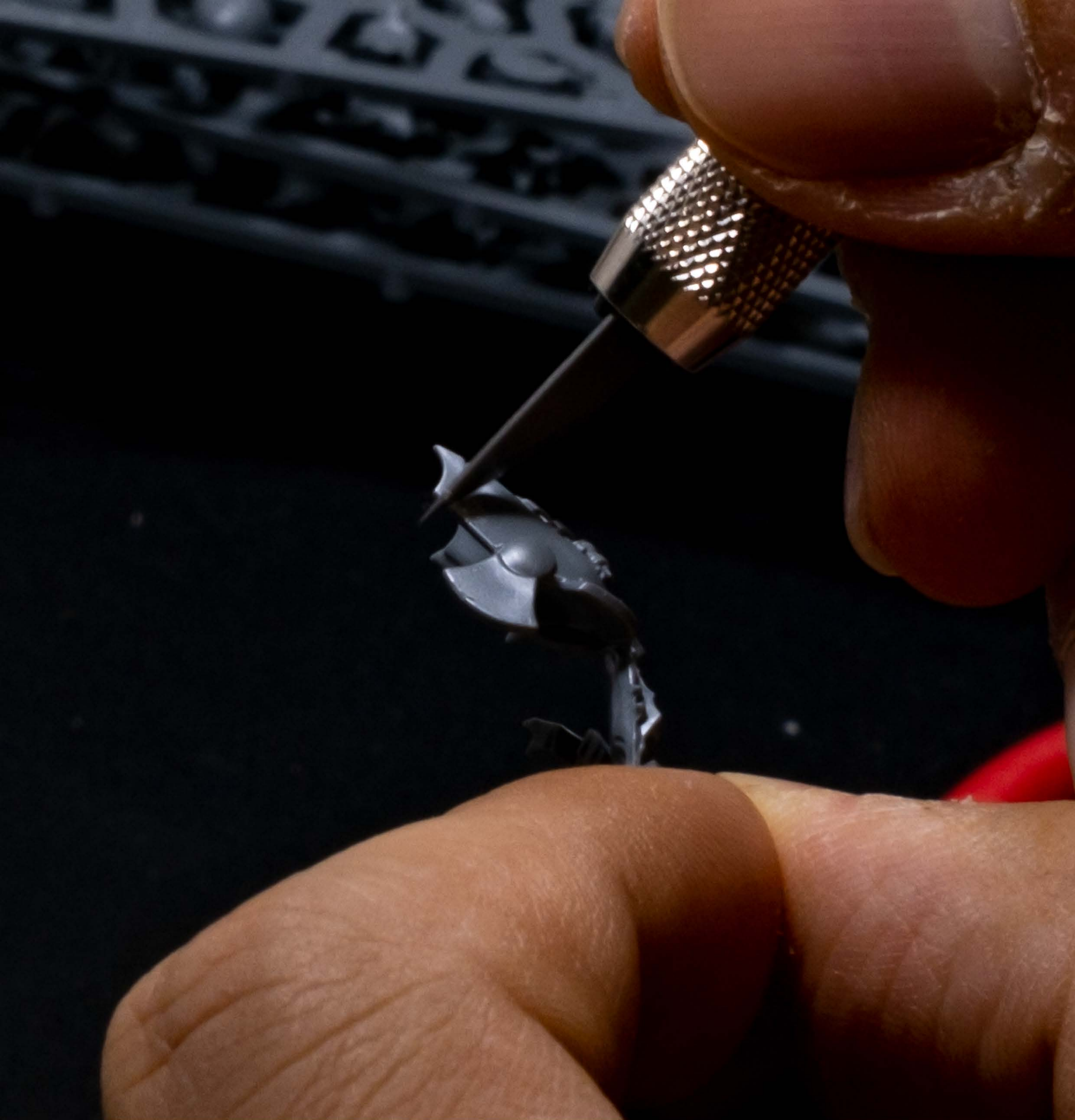
After cutting, bits look like this. As you can see, there is a piece of sprue left at the top of the model. When removing the bits, it is recommended to cut them like this.

This is because if you cut too close from the beginning, there is a risk that the bit itself will be cut off on the nipper. This process may be skipped if the nipper is very sharp or has excellent removal techniques, but it is safe to cut it at a distance and then trim it.



Now use an art knife to carefully cut the remaining pieces of sprue. After setting the knife at the same angle as the surface, carefully push it and cut it. The sharper the knife, the easier it is to get clean results.

It is better to use an art knife for modeling than a box cutter knife. This is because it is easy to load weight carefully thanks to the structure of the knife.



Even if you remove the sprue piece safely, there will be small marks on the spot. Now, stand the art knife perpendicular to the surface, carefully scratch the surface to remove the finely protruding parts.

If you want more sophisticated results, you can use fine sand paper.



This is how the basic work is done. If you look at the top, you can see that the details themselves are not damaged, but the trimmed parts have a slightly different texture.

If priming is done in this state, you may feel wierd because the trimmed part is rough comapred to plastic. So first of all, we need to organize that part smoothly.



At this time, I usually use Tamiya's Extra Thin Cement. This product is non-resin adhesive.

The non-resin adhesive is that finely melts and adheres the surface of plastic, and drying fast. Once you get used to it, you can get a much higher quality than conventional glue.

However, the smell of this adhesive is toxic, so you must use it while ventilating.

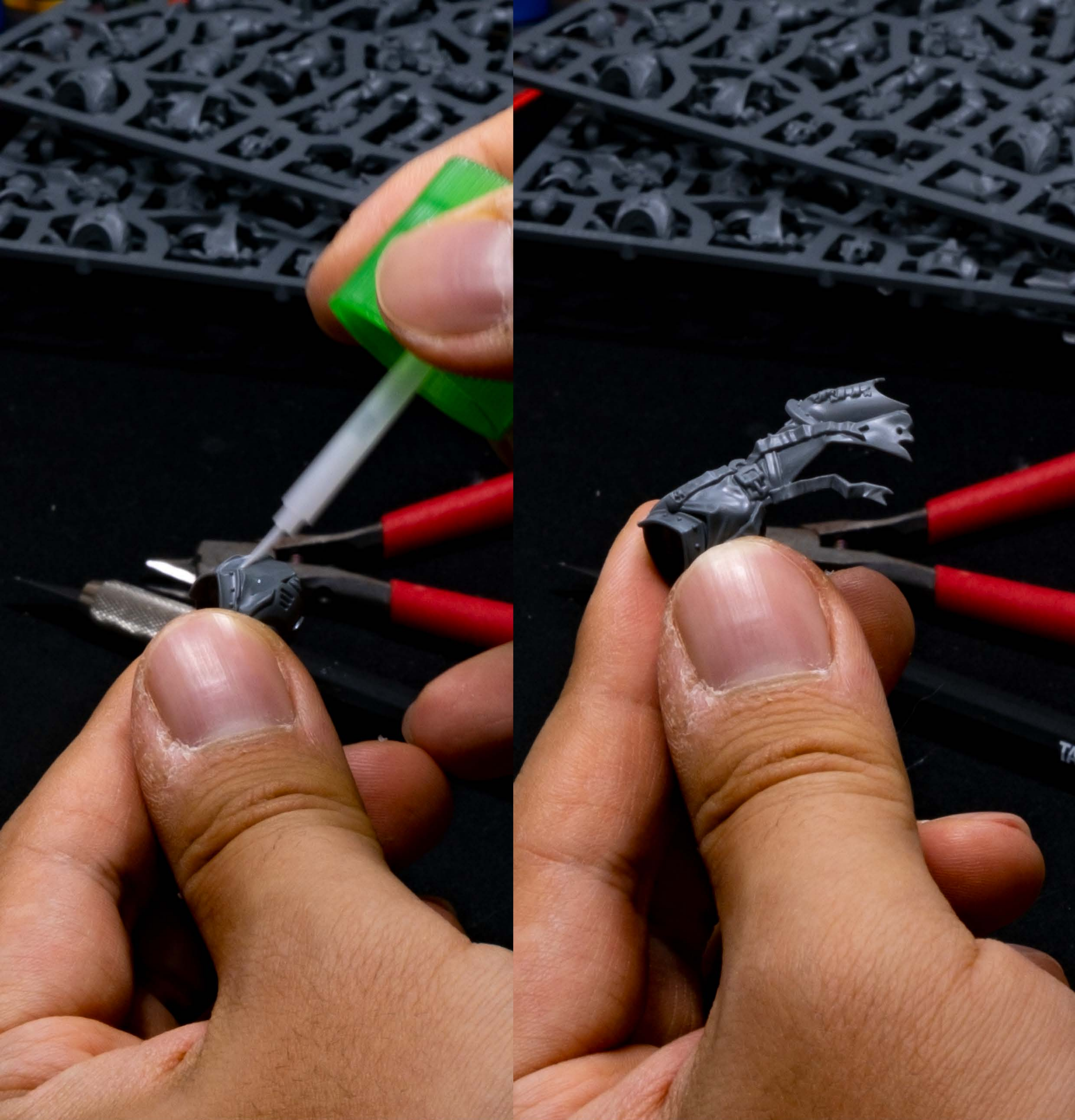


A thin brush is attached to the end of the lid of this non-resin adhesive. Coat this brush with only a very small amount of glue and apply it on the previously trimmed area.

Then, adhesive melts the thin plastic powder generated while trimming to make a smooth surface. If you touch that part before it dries, fingerprints may remain, so be careful.

If you apply it thinly, it will dry completely in 5 to 10 seconds. If the surface is smooth and shiny, it is dried well.





**Non-resin adhesives can also be used for normal assembly. After applying adhesive to the area you want to adhere to, assemble the bits and keep press them.**

**As mentioned earlier, the non-resin adhesive melts the surface of the plastic thinly and adheres to it, so when assembled in this way, there is no gap between the bits. Therefore, you don't have to worry about the floating gap between the bits like traditonal glue. When used to assemble in this way, the time required to dry increases to around 30 seconds to 1 minute.**



It looks like the assembly is done! It can be seen that the trimmed part is shiny, but the sprue marks are not visible. The shinyness doesn't stand out at all after the primer is painted, so don't worry.

Thank you for reading!