

THE ARMY PAINTER

TOOL & ASSEMBLY SAFETY GUIDE

THE

ARMY PAINTER

GET MORE TIME
FOR GAMING!



*Miniatures by Mantic

www.TheArmyPainter.com

HOW TO ASSEMBLE MINIATURES WITHOUT THE LOSS OF LIMB!

WARGAMERS ASSEMBLY & SAFETY TOOL GUIDE

A huge part of painting miniatures is assembling them. For this, you need the tools of the trade. This guide will show you everything you need to know. Now, knowing which tools to use is important - but knowing how to use them is important, too! If used incorrectly, razor sharp hobby knives, super glue and other tools can be a real hazard. Follow our guide to avoid anything nasty from happening!

When assembling plastic miniatures, you will need:

- Plastic Frame Cutter
- Hobby Knife
- Plastic Glue
- Tweezers
- Cutting Mat



When assembling metal and resin miniatures, you will need:

- Precision Side Cutter
- Miniature & Model Files
- Super Glue
- Green Stuff
- Sculpting Tools
- Cutting Mat



First things first, get hold of some cool miniatures that need assembling. Before you start, make sure that you have all the tools you need and a nice stable surface to work at. Have all you need? **Let's dive in!**

HAVE ALL YOU NEED? LET'S DIVE IN!



BEFORE YOU BEGIN!

In this guide, tools that may be unsafe if handled incorrectly will be marked with a warning sign. Read the following thoroughly so that you know how to react, should an accident occur.



SAFETY GLASSES

Cutting and clipping brittle plastic, metal and especially resin can cause chipping. To avoid damaging your

eyes, always wear safety glasses when preparing your miniatures.



GLUE - HANDLE WITH CARE!

Plastic Glue - Repeated exposure may cause skin dryness and irritation. Contains flammable liquid and vapour. May cause drowsiness or dizziness. Use only outdoors or in a well-ventilated area. Call a Poison Centre or contact your doctor in case of accident.

Super Glue - Ethyl 2-Cyanoacrylate bonds skin and eyes in seconds. Keep out of reach of children. Causes skin and eye irritation. Call a Poison Centre or contact your doctor in case of an accident. - **Be careful not to glue your fingers with either!**



RISK OF CUTTING OR PIERCING

The Army Painter **Hobby Knife**, is in all respects an extremely sharp scalpel. The blade is made of steel and will take off a finger if you are not careful. Therefore, it is always advisable to cut away from yourself,

be aware of your fingers and hands, and preferably try to cut towards a table or hard surface. To keep your table intact, we suggest always using a **Self-healing Cutting Mat**.



KEEP AWAY FROM CHILDREN

This icon will tell you the advised age of users. All tools should be used under supervision of an adult where such is needed. Products

small enough to be swallowed pose a choking hazard - keep away from children.



WASH YOUR HANDS

Make sure to wash your hands. Having paint, glue or Green Stuff on

your skin, may cause skin irritation after extended use.



LEARN ASSEMBLY ONLINE!

All the information on assembling miniatures found within this safety and assembly guide is also available on:

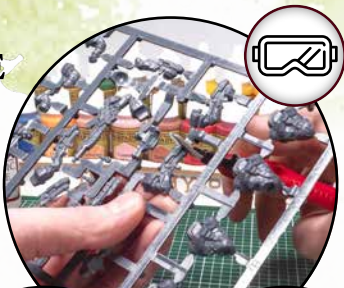
www.youtube.com/thearmypainter



HOW TO ASSEMBLE PLASTIC MINIATURES

1 CUT PARTS OFF SPRUE

Get hold of a pair of **Plastic Frame Cutters** or **Precision Side Cutters**; the angled design makes short and clean work of the process.



Minatures by Mantix

TIDY UP THE MINIATURE

Once cut from the sprue, models invariably have both mould lines and excess bits of moulding material. Use a **Hobby Knife** to scrape and cut away this excess material.



2

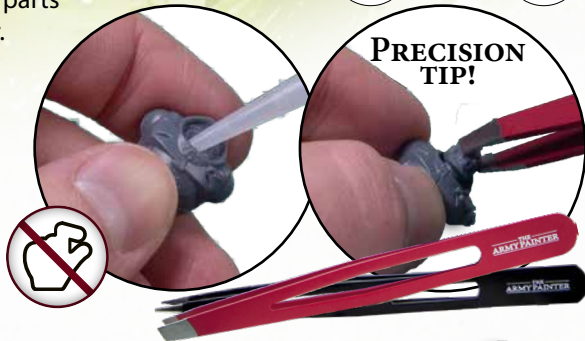
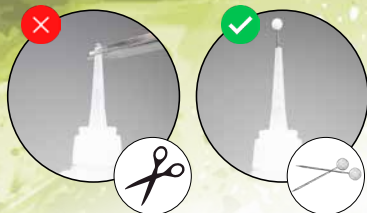


Minatures by Mantix

3

ASSEMBLING

Add a drop of **Plastic Glue** to the parts you want to assemble. Wait for 10 seconds, then press the parts together - use **Tweezers Set** to ensure maximum control and to avoid gluing your fingers. With **Plastic Glue**, your parts will be strongly fused together.



MINIATURE BASES

4

For most of us, having the miniature on a base from the get-go makes a lot of sense. Use **Super Glue** or **Plastic Glue** to attach your minis to any kind of base.



*Miniatures by Mantix

AND YOU ARE DONE!

WHAT TO DO WITH YOUR BASES?

While getting ready to start painting your miniatures, now is a good time to start thinking about what to do with your bases. Basing is a great way of making your miniatures look even more realistic - try out our Tufts and Battleground Basings. Go to www.TheArmyPainter.com to see our entire collection of basing materials including the popular **Battlefields Basing Set (BF4301)**.



WHEN A WARRIOR BECOMES A UNIT

Once you have completed your first miniature, the rest of your unit comes easy. Simply copy the previous steps and you will have a cohesive force in no time. If all of your units come from the same parts, then this is a great time to do a few conversions to make separate units such as leaders or heroes stand out. But that is a different story altogether - follow us on social media for loads of special techniques guides.



HOW TO ASSEMBLE METAL MINIATURES

1

ASSEMBLING

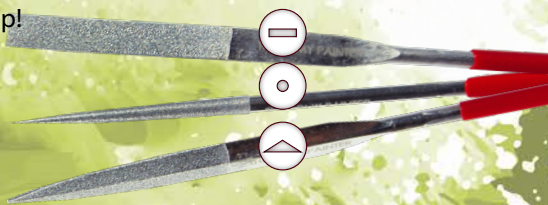
Get hold of a pair of **Precision Side Cutters**; the angled design makes short and clean work of the process.



CLEAN EXCESS METAL

2

Once cut from the sprue, models invariably have both mould lines and excess bits of moulding material. Use any type of The Army Painter **Miniature & Model Files** to clean it up!



3

SUPER GLUE PARTS

Add a drop of **Super Glue** to the parts you want to assemble. Add a drop of **Super Glue** to the parts you want to assemble. No need to wait with **Super Glue** - just stick the parts together straight away, making sure to use a **Tweezers Set** for maximum control and to avoid gluing your fingers together!



Minifatures by Mantic

COMBINING DIFFERENT MATERIALS

1

PLASTIC OR SUPER GLUE?

Plastic Glue is unparalleled for creating indestructible bonds between plastic parts. But for mixed materials, **Super Glue** is your best bet. Use a tiny drop on both sides...



USE A TOOL TO SAVE YOUR FINGERS

... and use your The Army Painter **Tweezer Set** to glue the parts safely and with supreme precision!

2



FOR SMALLER, MORE PRECISE PARTS - USE POINTY TWEEZERS!

7

3

COMBINING MATERIALS

Combining materials can be a daunting task. If you take your time and use the techniques listed within this assembly and safety tool guide, you will soon be a master builder!



Minatures by Mantic

COMBINING MULTIPLE TECHNIQUES FOR LARGE MINIATURES

1

CUTTING OUT RESIN PARTS

Metal miniatures often have tabs and flash stemming from the casting process. Cast in much the same way, resin miniatures often have surplus sprue material. To remove surplus material, we recommend you use the **Precision Side Cutter** for clean and controlled cuts.



VERY PRECISE!



CLEAN THE MINIATURE

Most metal/resin miniatures will also have visible mould lines from the casting process. To remove these, use a **Hobby Knife** and a set of **Miniature & Model Files** to remove all excess mould material.



8



3

ASSEMBLING

Use a drop of **Super Glue** to assemble metal and resin miniatures. Hold the parts firmly together for 5-10 seconds - accelerate the process with a burst of **Magic Super Glue Activator**

3^a

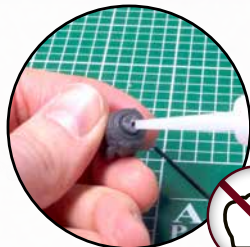
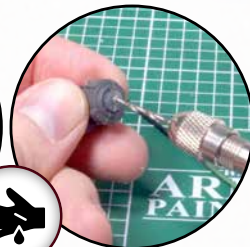
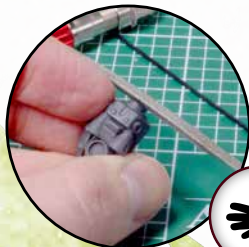
MAGNETISING MINIATURES

Sometimes, it's nice to be able to swap out weapons or completely disassemble big centrepiece models. Drill out holes in the parts you want magnetised, make sure the **Miniature and Model Magnets** are facing the right way, super glue them and hey presto - you're done!

3MM
DRILL BIT

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PINNING

3^b

Clean up the parts with a file for seamless assembly.

Pick a drill bit that fits your pinning material, and drill holes.

Use Super Glue to fill the hole on each part and put the metal rod in between.

Your model is ready for the next step!

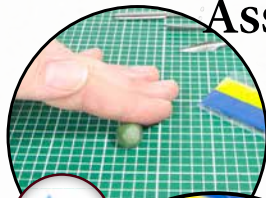
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ASSEMBLY USING GREEN STUFF

If you are working on an especially tricky model, try kneading up a ball of **Green Stuff**. Put it between the parts being glued either with a drop of **Super Glue** or on its own. The Green Stuff will act like a glue, filling out any gaps in the seams at the same time.

Finally, if your model just won't stay together, use both **Super Glue**, pinning and the Green Stuff technique.

Afterwards, use a sculpting tool to even out the surface.



FINISHED LARGE MINI

In assembling this miniature, we have used a plethora of different assembly techniques; from pinning to assembling with neodymium magnets. We have ended up with a ultra-dynamic figure with interchangeable weaponry.

With these assembly techniques at hand, you will always be able to assemble or even modify any miniature, you get your hands on. Have fun letting your imagination run wild!



YOUR MINIATURES ARE READY FOR PAINT!

WHAT TO DO NOW...

Here at The Army Painter, we are all about getting our miniatures painted fast and to a nice table-top standard.

We use the The Army Painter Technique, Spray-Paint-Dip-Done!, to turn our grey models into great-looking, fully painted armies faster than ever - **giving us more time for gaming!**

Learn this and many other techniques by reading the **Wargamers Army Painting Guide**. Find it online at

www.TheArmyPainter.com



DON'T BE A TIN-MAN LIVE AND PLAY IN COLOURS!



THE ARMY PAINTER TOOLS AND ACCESSORIES RANGE

"Our range of tools and accessories makes the life of a hobbyist an easy one, giving you the means to assemble miniatures faster and easier!"

- The Army Painter



**PROJECT PAINT STATION & SELF-HEALING CUTTING MAT
- THE PERFECT START-UP COMBO!**



DON'T BE A TIN-MAN LIVE AND PLAY IN COLOURS!

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