

Pinning

by Zog: One of .. if not The most useful techniques you can know.

When do you use Pinning?

When you have a multi-part model that you will be using in games (lets face it some games are rough on mini's).

or the bit just wont glue to the rest of the model, or oh Poop! I just broke the weapon off the model.

What do I need?

A pin vice, some superglue, paper clips (or wire or rod for big fixes) some cutters (I would NOT recommend GW clippers for cutting paper clips as it will wreck them really quick!)



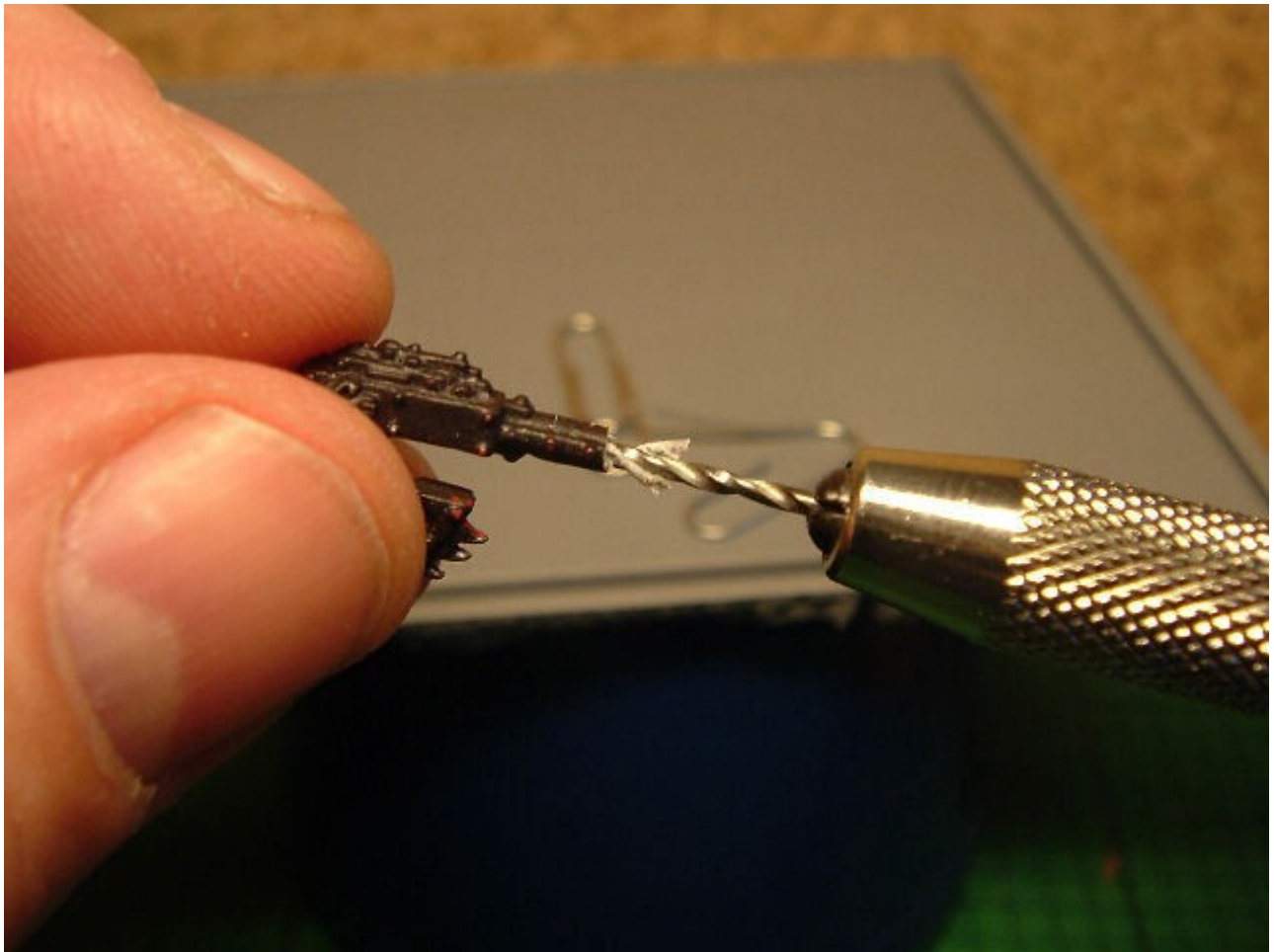
Getting started.

Here's what I got to do. Mr Khorne B's axe got broke a few games ago and I've just remembered to fix him here's the bitz I'm using.



First drill the two bits to be pinned locating them as best you can (its a good idea to make a small mark with a Knife on each surface to be pinned). Drill slowly and carefully applying constant pressure.(don't push too hard as these drills can go in your finger deep 😬 No really!)





Cut your 'Pin' from your Rod/Paper clip wire etc... to the length you want.



Glue in your pin in one of your pieces apply glue to the other bit and secure your pieces together. Voilà its all done. I just need to touch up the repair with a bit of paint.





Hope this helps someone

Cheers
Zog 8)

Remarks by other members:

Harkon Greywolf:

“I have to say though that if I'm pinning plastic to plastic I often use polycement not superglue and try to "meld" the plastic together. It's less brittle than superglue and often lasts longer!
(It's inevitable that a mend like this will probably give way again at some stage, but you'll find that next time it's at the end of the pin! Making it impossible to drill out and repin! LOL)”

Telstar101:

“I'd just like to mention that while paper clips are a staple in pinning, I prefer and use pins! Makes sense hey, to pin with a pin?

The reasons for this is that you actually have a smaller hole to drill, so you can pin smaller components AND pins are specifically made NOT to bend (a bandy pin isn't really much good for anything) so it is made of a stronger metal.

What you end up with is a stronger fixation than a paper clip can provide and one that has had smaller holes in it, so the metal/plastic around the pin is less likely to split due to stress (can even happen WHILE you are drilling if the hole is proportionally too large for the part). Pins are also insanely cheap like paper clips, so you don't pay any more for this.

For LARGE minis where a bigger pin is needed, a simple pin just won't do the job, here is when I use a higher tensile steel, "spring steel" can be bought from hobby stores and is very, very tough stuff.

Don't cut it with clippers AT ALL as they simply are not strong enough. I use an angle grinder bit in my dremel to cut to size and use this stuff for very large pinning jobs and for flying stands (painted black this is much more invisible than standard clear plastic)”

Woulfgar the Vengeful:

“Another thing I've found is that you can even use cheap sewing needles instead of paper clips. For some minis paper clips are too flexible and don't make it much stronger (this happened with my Gyrocopter). Just thought I would add my 2 quid 😊 (sp?) “