Subject: cheaper and smaller
Posted by jagdpanther on Thu, 04 Oct 2012 16:59:58 GMT
View Forum Message <> Reply to Message

hi i would like to see about a model of mine being printed for less than Â£10 at a smaller scale but when i try and set it up to print at smaller scale detail including the undercarriage disappears, any advice would be welcome. thanks. metal would be nice if possible, the model was designed by me for 3d animation so it may still contain internal details which would not be needed in the print.

Subject: Re: cheaper and smaller
Posted by Youknowwho4eva on Thu, 04 Oct 2012 17:08:58 GMT
View Forum Message <> Reply to Message

Missing parts usually mean inverted normals and/or overlapping faces. It's hard to troubleshoot without the file though.

Subject: Re: cheaper and smaller
Posted by jagdpanther on Thu, 04 Oct 2012 17:29:06 GMT
View Forum Message <> Reply to Message

no if i set it up for inches rather than millimetres the details appear, i don't think there is a normals problem.

Subject: Re: cheaper and smaller
Posted by Youknowwho4eva on Thu, 04 Oct 2012 17:54:44 GMT
View Forum Message <> Reply to Message

Hmm, That's odd. Try emailing it to service, they should be able to figure it out.

Subject: Re: cheaper and smaller
Posted by stannum on Thu, 04 Oct 2012 18:07:12 GMT
View Forum Message <> Reply to Message

It sounds like the latest upload procedures just discard small things.

Subject: Re: cheaper and smaller
Posted by Dragoman on Fri, 05 Oct 2012 06:11:54 GMT
View Forum Message <> Reply to Message

That is indeed the case. Very small pieces are filtered out by the uploading software. Somewhere in the Forums there is a discussion of this. Somebody even did a set of tests to find out when pieces disappear.

You might try joining the pieces with a Boolean AND operation to make them into bigger pieces. But also be aware of minimum thickness rules for your material.

Greetings
Dragoman