Subject: Flattening warped FD
Posted by GWMT on Tue, 20 Dec 2011 00:52:08 GMT
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This arrived today:

It was packed vertically instead of being laid flat on the bottom of the box. Can FD be flattened out with heat like resin parts?

File Attachments

1) NSC417000 side bent 053sm.jpg, downloaded 405 times

Subject: Re: Flattening warped FD
Posted by GWMT on Tue, 20 Dec 2011 03:44:52 GMT
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A little heat and pressure do the trick!

The right side is still slightly lifted but not enough to cause problems. The upper door track will need to be squeezed between a pair of machinist's squares when it's glued down to make it perfectly straight.

I set it on my FUD oven (http://www.shapeways.com/forum/index.php?t=msg&&th=5438&goto=38272#msg_38272) and it quickly began to flatten out. I finished up by placing a pair of machinist's squares on top to make it perfectly flat.

When I first opened the box and saw how badly the part was warped I didn't think it could be salvaged. I'm glad I was wrong!

File Attachments

1) NSC417000 side heated 054sm.jpg, downloaded 379 times

Subject: Re: Flattening warped FD
Posted by HappenstanceHeroes on Tue, 20 Dec 2011 04:32:56 GMT
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Rather dramatic result! Your bit of ingenuity certainly went a long way in solving what seemed on the surface to totally require a reprint.