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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

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1) [NSC417000 side bent 053sm.jpg](#), downloaded 367 times

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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](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

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1) [NSC417000 side heated 054sm.jpg](#), downloaded 342 times

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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.

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