

Seat installation w/ ripped out bolt damage

Posted by Jump07 - 30 May 2008 06:19

This morning one of the bolts holding down the front of my seat ripped right through the floorpan. Has this happened to anyone else?

I am hoping that it is repairable with welding another threaded bit on?

I am thinking this would be a good time to install my Kirkey seat. Has anyone welded their brackets directly to the floor?

What are my options here?

Thanks,

Jeremy

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Re:Seat installation w/ ripped out bolt damage

Posted by Chris - 30 May 2008 06:35

You should be using at least fender washers or a piece of 2 x2 steel on the underside of those bolts to hold them in. I wouldn't trust my life to just thin sheet metal.

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Re:Seat installation w/ ripped out bolt damage

Posted by Jump07 - 30 May 2008 06:59

You mean 2x2 metal and washers on the underside of the car? ALL the way under? Like a plate, sandwiching the floor between the plate and the seat?

I really want to install my Kirkey...but I hear it's bets to get a cage first and weld mounts onto the cage.

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Re:Seat installation w/ ripped out bolt damage

Posted by GaryM05 - 30 May 2008 07:24

You'll need to install your seat before the cage, as the cage builder will need to know the seat placement in order to determine (among other things) where to position the harness bar, and how much clearance is required for the doorbars.

The 2x2 steel can essentially be thought of as a very large, thick washer under the car that the bolt for the seat mount goes through. Like Chris said, it provides a much more solid mounting piece than just bolting through the floor of the car.

Though, if you've ripped through part of your floorpan, you might need to have that part of the floor repaired before you go to mount the seat in, anyway.

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Re:Seat installation w/ ripped out bolt damage

Posted by SvoChuck - 30 May 2008 07:26

there are a few ideas on seat mounting...

1. idea is that the seat belts hold you in place in a crash so the seat mounts are no big deal ie. just use the stock bolts and threaded inserts.
2. FIA mounting with reinforced upper and lower sandwich ...
3. something inbetween that like seat brackets with holes drilled through the floor then large fender washers on the bottom .

what's best ?

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Re:Seat installation w/ ripped out bolt damage

Posted by joepaluch - 30 May 2008 10:50

Jump07 wrote:

You mean 2x2 metal and washers on the underside of the car? ALL the way under? Like a plate, sandwiching the floor between the plate and the seat?

Yep.