

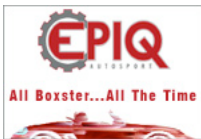


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Zoom car seat buckle help

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09-21-2006, 16:31

[cplus](#)

Registered User

Buckle for airbag deactivation bar with images

I had the passenger side **airbag deactivation** bar installed earlier this week, and the ECU reprogrammed accordingly. Now I need to fabricate a buckle to actually seat. So, can anyone help me out with either a picture or dimensions -- or better yet, both -- of the Zoom car seat buckle that locks into the **deactivation** bar?

I might be able to come close without a picture and dimensions, but they would be a huge help getting started in the right direction!

Thanks, and I promise to post pics of the buckle when it's finished.

Last edited by cplus : 10-01-2006 at 01:39.

09-22-2006, 03:15

[Grizzly](#)

Registered User

I'm not sure if this is the part you already have, or the part you need. This one was installed in my car when I bought it.

A guy here on the forum really needed one, so I took it out of my car for him.

I gave it to him for free.

I mailed it to him and covered the postage for him.

Then I had to take my car to the dealership and bribe a guy to have my **airbag** light turned off...

The guy never even bothered to send me an email saying thanks.

Wish I still had it. I'd send it to you instead.

Attached Images
[Buckle.JPG](#) (152.5 KB, 86 views)

 [Buckle 2.JPG](#) (152.5 KB, 67 views)
**'97 986**

Cheating Death on 19" Wheels
...no catastrophic engine failure ...yet

Last edited by Grizzly : 09-22-2006 at 03:21.

09-22-2006, 03:46

[cplus](#)

Registered User

Thanks for the picture, this should get me off to a good start though the notched end may be a little tricky. I'll give it a go this weekend and let you know how I

09-22-2006, 04:12

Tool Parts &

Tool Pants

Registered User

A long time ago there was a guy on German ebay who was making them.

Others have used a 944 buckle and cut a slot in it.

[Attached Images](#)



09-30-2006, 18:03

cplus

Registered User

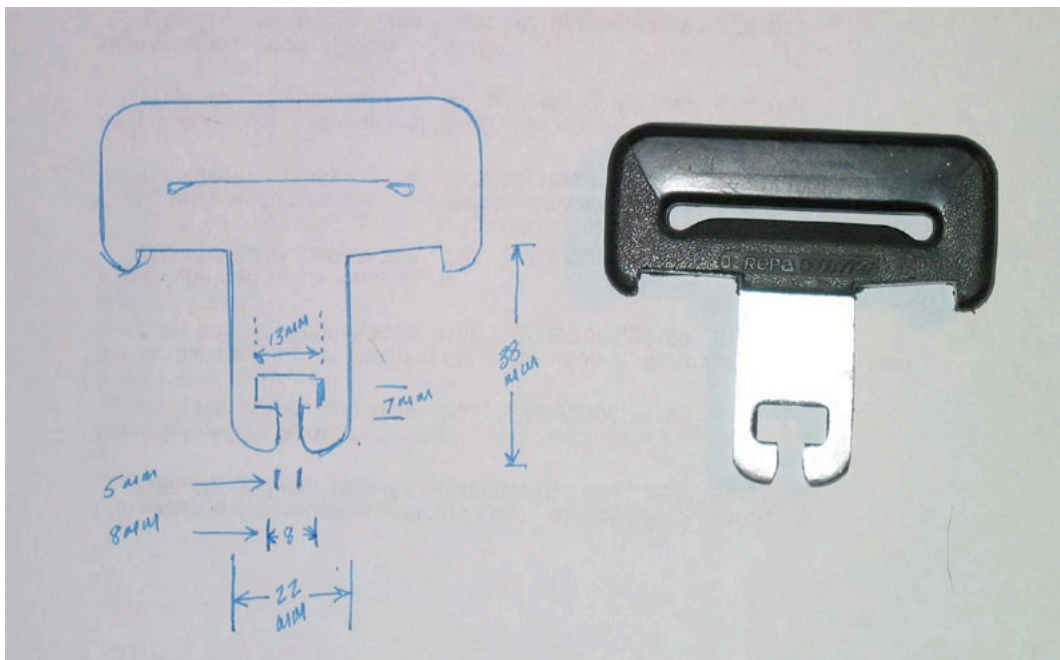
In case this is useful to anyone else, here's some information on fabricating a buckle that can be used with the **airbag deactivation** bar. Since Tool Pants said so, I called Parts Heaven and bought one. I guess they just took the buckle off an old lap belt, at least that's what it looked like when I got it. The cost was under \$25, including shipping.

Using the images as a guide, I made a small notch in the tongue. The notch is 5mm, flaring to about 8mm at the tip. But the buckle was a few mm too wide, so it wouldn't slide in the latch, but wouldn't actually lock into place. I made up a duplicate out of aluminum stock and found that the tongue would need to be about 38mm long (probably 38mm). So I filed back some of the plastic-covered base to make the tongue the correct length.

Once it was the correct width and length, the buckle slotted in with a solid "click." I started the car and the **airbag** light flashed for 60 seconds, then went off. Just what I needed.

Here's a pic and an outline with some measurements.

[Attached Images](#)



Last edited by cplus : 10-01-2006 at 01:36.

10-01-2006, 14:51

[ukchris](#)

Registered User

You can also if you so chose replicate the whole mechanism with a switch and a couple of resistors. All that is inside the buckle is a switch that changed the resistor. When the buckle is inserted, the car detects this change and deactivates the passenger **airbag**. To test this theory I made a little switch box with the appropriate resistors. The theory is that the car diagnoses if the system is working and tells you so by flashing the **airbag** light for 60 seconds to show it has been deactivated. I have the circuit I made for \$10 in bits from radioshack and it was complete.

The only tricky bit is getting the connector for under the seats, I managed to get one but it is an awkward part to get hold of. You could of course just cut the common one or splice in to the wires.

Chris.

10-01-2006, 23:04

[ukchris](#)


Registered User

Grizzly,

I thought I'd try drawing this up, if we can get it right there are waterjet cutting places that could probably make them to order, I know a guy who could cut it out for you. It probably work too. In theory if you print this PDF it should come out at actual size, could you line up your buckle and see how it compares? A picture of the printout would be too if that's viable.

Chris.

Attached Files

 [Buckle.pdf](#) (455.8 KB, 29 views)

10-02-2006, 00:06

[cplus](#)

Registered User

Printing at 8.5 x 11 isn't a full-size image so I can't compare them, but the shape is correct. I will say the "wings" are vestigial from my buckle being a lap belt instead of a seat belt, I've eliminated resulting in a more streamlined design. BTW, the tongue is 3mm thick if you're going to have some made up.

Also, I'm not sure if the buckle can be acrylic; it may need to be metallic if the receptacle is anything more than a simple mechanical catch-activated switch. (I.e. current through the buckle.) My guess is that a non-metallic buckle will work but I really don't know. ☹

10-02-2006, 13:39

[ukchris](#)

Registered User

That's odd, it looked accurate on my screen. I wonder if it's because I left that bitmap in there, I'm trying again with it removed to see if this one will print more accurately. I'll post another shot.

I'm not really doing this to try and get in to making them to sell, just trying to get an accurate template that people can then download to make their own buckle. I'll post the files here so they are readily available.

Chris.

Attached Files

 [Buckle.pdf](#) (404.8 KB, 27 views)

10-05-2006, 05:14

[Tool Pants](#)

Registered User

This is the one that use to be sold on German ebay.

Attached Images



10-05-2006, 12:55

Grizzly
Registered User

Quote:

"Printing at 8.5 x 11 isn't a full-size image so I can't compare them, but the shape is correct.



Originally Posted by **cplus**

"That's odd, it looked accurate on my screen. I wonder if it's because I left that bitmap in there, I'm trying again with it removed to see if this one will print more another shot."

Originally posted by **ukchris**

Your home computer won't scan or print at *exactly* 100%. Printers alter the print size, however slightly, so that we can't accurately copy things...like...say...mone
...bastards. 🤔



'97 986

Cheating Death on 19" Wheels
...no catastrophic engine failure ...yet

10-05-2006, 14:04

ukchris
Registered User

I think it must be the PDF file. I did the drawing in Adobe Illustrator and can assure you that when I print the results are very, very accurate. Maybe things get m
probably more likely, maybe I made it the wrong size in the first place! Hee!

05-20-2007, 00:05

saltydog66
Registered User

Thanks for the info.

Thanks for the pictures and dimensions, I'm going to try and make one for my 2000 boxster next weekend and this really helps. I can't even get the bar in Cana
already have 3 car seats so just making the male buckle will save me having to buy yet another car seat. Thanks.

06-05-2007, 17:44

saltydog66
Registered User

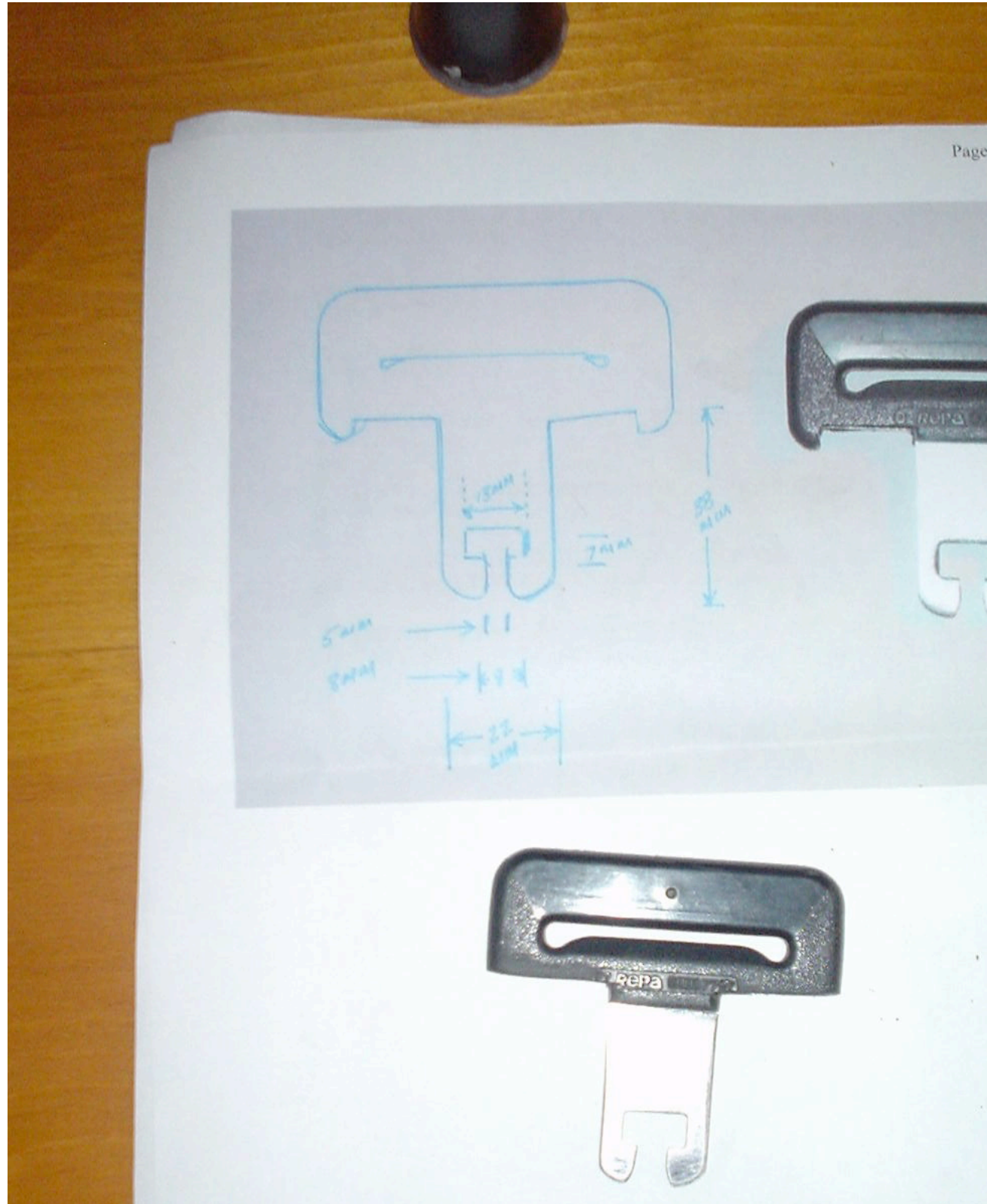
It worked

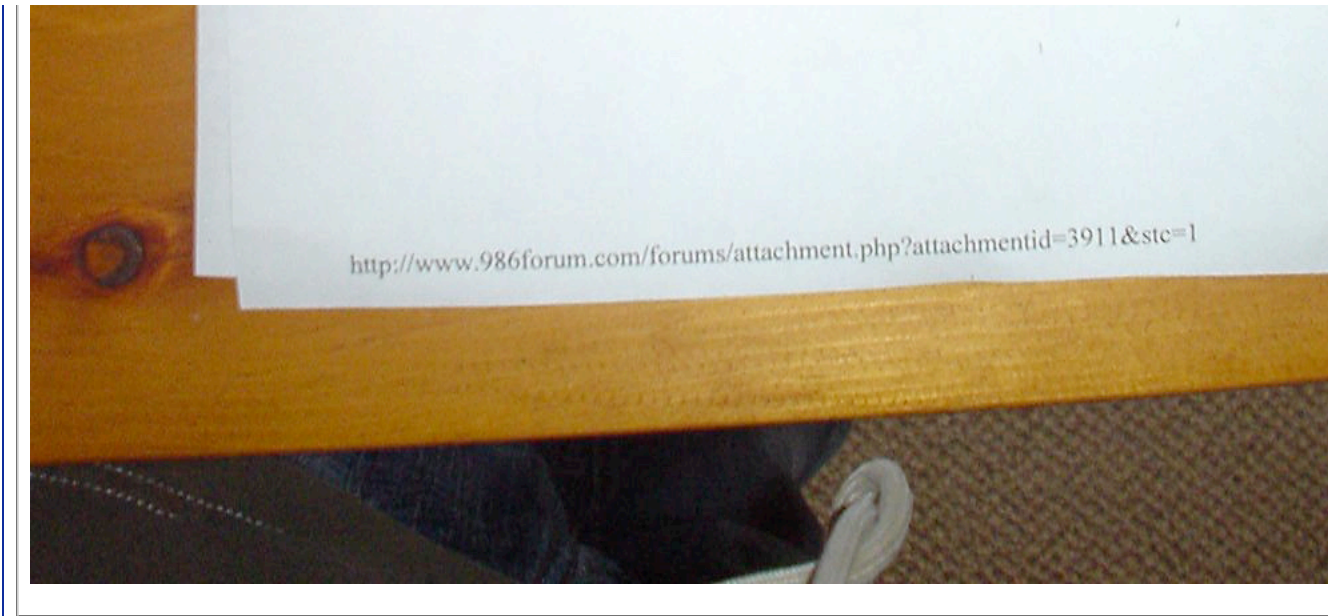
I got the same 944 buckle from parts heaven and inked it up and layed out the dimensions in cplus' drawing. I used a cut off wheel on a dremel and finished it w into the female end of the buckle under the seat with a solid click with very little play. I fired it up (2000 boxster) and the **airbag** light flashed for 60 seconds and should do. So thanks! Looks like it worked.

(I actually got the **deactivation** bar installed by Porsche and it was a free part and a free install because I managed to find an old receipt for a porsche car seat whole bill on "warranty", not sure if this will work for everyone)

Here is a picture of my 944 buckle after the dremel surgery...please proceed at your own risk, I'm sure Porsche would have a stroke if they knew people where m

[Attached Images](#)





Last edited by saltydog66 : 06-05-2007 at 17:49.

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