

## cage rear mainstays- straight or can have bend?

Posted by pyropete125 - 30 Mar 2014 18:51

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Hi all,

I just picked up an ex-racer 924S.

[plus.google.com/photos/11772862586475626.../5801972574991177521](https://plus.google.com/photos/11772862586475626.../5801972574991177521)

I am building a cage for my 924S and for where I want to put the rear mainstays I want to put a bend in it.

I have not read a clear answer on it in the PCA rulebook. I will be putting a fuel cell in later this year and will re-do the back stays when I put the cell in. I just want to get the car together and drive it a bit at a few track days and auto-x sooner than later this season. I am making this cage based on my 24 hours of lemons 924S car we have been racing for 4 years.

I have been told yes and no by local cage builders for the bends.

I also have been told that the bottom plate furthest edge cannot be behind the back edge of the rear wheel.

there is a picture of the proposed rear bar. To make the rear bars the same and clear the stock fuel fill cover this is the way I need to make it.

I am open to ideas.

Thanks all,

Pete

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**Re: cage rear mainstays- straight or can have bend?**

Posted by Sterling Doc - 02 Apr 2014 04:54

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If you are putting in a fuel cell, there is an allowance for that, yes. Without a fuel cell, no. Keep in mind the trans is right under the floor, so 944's often need fairly exotic saddle shaped fuel cells that mimic the shape of the OEM tank, or they will stick up into the cargo area a ways. Just make sure you conform to:

*17.3.14 The spare tire well may be modified to allow for its removal and replacement all or in part.*

*An example of this would be cutting the box off or making an access hatch, then reattaching the box or hatch with fasteners. The spare tire well must retain its stock shape and location in all cases. The intent of this rule is to allow for better access to the transmission while preventing any underbody aerodynamic advantages that may result from removing the tire well from the air stream on cars with 17.4 gallon steel fuel tanks. Only cars using the larger stock plastic 21.1 gallon fuel tank may remove the spare tire well entirely and install a metal panel to cover the hole at the level of the rear cargo deck.*

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**Re: cage rear mainstays- straight or can have bend?**

Posted by pyropete125 - 06 May 2014 19:26

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I was able to just dent the cover as suggested and mirror the posed pic of the cage.

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Thanks all!

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