

sub-belt mounting question (sorry!)

Posted by SamGrant951 - 29 Mar 2011 10:00

i know this has been discussed probably a hundred times but I'm going to ask anyways...I want to do it right the first time.

New 6-pt belt going - per the Schroth guidelines where they would like to attach the eyelets my seat will no longer bolt-in and I already raised it up from where the previous driver had it...just not enough room near the mid/rear of the seat.

I can move the eyebolts forward a bit closer to the sub-belt hole and probably clear it or I can sit on the sub-belts. Sitting on the belts seems to be acceptable however can I use the existing eyelets for the lap belts or should I bolt the sub belts under the eyebolt and continue to use clip-in lap belts? I would imagine (2) things clipped to (1) eyebolt is a major no-no.

Hopefully what I'm asking makes sense and isn't too confusing. I can get pics if needed...thanks.

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Re: sub-belt mounting question (sorry!)

Posted by cgktexas - 31 Mar 2011 04:06

Sterling Doc wrote:

In the directions that I've seen, you only want to cross the belts if the attachment point is quite far back from the shoulder. I don't remember what the spec was, but if the belts are attached to the cage crossbar right behind the seat, you don't want to cross the shoulder harnesses.

Schroth says:

Shoulder belt mountings located more than 200 mm [8"] from the back of the user's seat or angled upwards are not good restraint practice and are most strongly discouraged. If longer belts are used, the inside edges of the belts should be still closer together at their mounting points, even touching or crossing, but both belt and HANS® performance are severely compromised.

Shoulder belts should be crossed when the anchor points are more than 500mm [20"] behind the seatback.

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Re: sub-belt mounting question (sorry!)

Posted by joepaluch - 31 Mar 2011 05:10

I used split ring collars on my harness cross bar to ensure the should straps do not seperate. This keeps them close together and allows the HANS to work better.

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