

Lowering the Ride Height.. Advice?

Posted by karbuf - 28 Dec 2012 22:29

Question: What is good ride height for road racing the 944?

I'm building an '88 944 to race in the Chump road racing series. We are allowed to make some mods to suspension to lower our ride height.. I know how to index the rear torsion bars and can cut springs to lower front.... so I know how to do it, but I'm not sure how far to go.. I have tools for measuring caster/camber/toe and bump steer... But I would appreciate any insight from anyone who has actually done this before.

Thanks!

tim.....

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Re: Lowering the Ride Height.. Advice?

Posted by karbuf - 03 Jan 2013 18:38

Eric, this is exactly what I was looking for... Very Helpful! Thank you.

Question: Where on the car do you make your ride height measurements?

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Re: Lowering the Ride Height.. Advice?

Posted by karbuf - 03 Jan 2013 18:45

FYI: I found this article to be helpful:

www.clarks-garage.com/shop-manual/susp-15.htm

tim...

Re: Lowering the Ride Height.. Advice?

Posted by Tabbasco - 03 Jan 2013 19:06

I know it doesn't make sense but we dropped the front with 2 spring clamps on each front spring...maybe an inch or so and left the rear way up...the car was 100% neutral with a decent amount of camber in the front...

I will give you our setup in detail if you want it...email me @

This e-mail address is being protected from spambots. You need JavaScript enabled to view it

. We did not reindex or change spring rates but we are very happy with the handling (We being 4 driving instructors for the driver's edge!)

www.hart-photography.com/photocart/index...mp;viewImage=1899787

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Re: Lowering the Ride Height.. Advice?

Posted by Sterling Doc - 03 Jan 2013 20:49

Interesting. I can see how this may work on a stock suspension 944. Street 944's, especially those without rear antisway bars, tend towards understeer. Adding a lot of rake does the opposite, making the car more neutral in a fairly crude, but effective way. Finding a factory M030 rear antisway bar would do this as well, without jacking up the rear roll center, but that would cost some money. So, it may be the secret sauce for a Lemons 944.

Karbuf,

I measure ride height at the underside of the rockers, about under the front and rear edges of the doors.

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Re: Lowering the Ride Height.. Advice?

Posted by Tabbasco - 04 Jan 2013 06:22

There is one addition...I have 944 turbo swaybars 26mmF 18mmR. The rest is PFM

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Re: Lowering the Ride Height.. Advice?

Posted by norman#99 - 04 Jan 2013 06:38

Tobbasco, I like your 944! One thing that caught my eye is no rear glass, do you not get lots of exhaust through the huge hole? Also, an FYI, we had a racer without a back window, at over 100mph the motor blew and the oil ignited which caused the fire to suck through the back hatch which is the only reason the driver was burned pretty bad, you might consider plexiglass. Sorry to bring it up, but I would feel like crap if something happened to you and I didn't.

I see that The Drivers Edge (not the teen driving school called Driver's Edge) has rented Circuit of The Americas in January, before it sold out, can you say how much entry fee was? I was there for F1 and the track looks like a lot of fun, would love to drive it someday.

Thanks,

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