

944 Rear Suspension Work

Posted by bg993 - 14 Mar 2012 09:18

Hi Folks,

I have been lurking for a while, and I started a SP1 build last year. Motor is out, starting the rebuild, interior is stripped, and I am starting to build the car back up.

This question is related to the rebuild of the rear suspension. I have read Joe's article on re-indexing the rear suspension, and I am curious about setting the height while also upgrading to 30MM torsion bars. In Joe's diagram, does anyone know how I should set the dimension known as "H"?:

I am trying to figure out where I should start, and "how low I can go".... Especially since I am going from stock to 30MM bars.

Thanks in advance,

Bill

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Re: 944 Rear Suspension Work

Posted by joepaluch - 15 Mar 2012 05:10

You use the spreadsheet that should be with that photo to calculate the new "H" dimension.

If you take measurements with car on the ground in with stock suspension and lightened to what you want it is easy. Take the measurement loaded and unloaded. Then plug them into the spreadsheet along with how much you want to lower the car and it will tell you what that new dimension should be

with 30 mm t-bars.

It is just math to figure it since the relative stiffness of the new 30 mm bars is determined from the bar diameter. The spreadsheet does all these calculations for you. If the spreadsheet starts with a 28 mm bar, just change it to 30 mm. Stock bar diameter is 23.5 mm.

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Re: 944 Rear Suspension Work

Posted by bg993 - 20 Mar 2012 05:27

Joe,

Thanks for your post back!

I have the suspension out, so I think I can make it work!

Bill

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