

Toyo RR tire pressures

Posted by ejpoulsen - 02 Mar 2017 12:37

As a starting point, what are the recommended cold and hot tire pressures for Toyo RRs?

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Re: Toyo RR tire pressures

Posted by AgRacer - 02 Mar 2017 12:46

Varies greatly based on track surface, cloud cover, how hard you are pushing them, etc. as those factors will change how much each tire raises in pressure. I like to target about 38 hot but also know some who like it higher like over 40. Toyo says hot inflation pressures are from high 30s to low 40s. I have found that over 40 and the tire gets more greasy which doesn't suit my liking. You can generally expect the pressure to raise 5-7 psi but I have even seen 10 psi on some tracks with some corners of the car.

Try starting at 32 all around in the morning and then set to 38 or 39 immediately after your first hot session. I take my tire pressure gauge out with me onto track and adjust in the hot pits before heading back to my pits. Then you can leave it alone for the rest of the day.

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Re: Toyo RR tire pressures

Posted by ejpoulsen - 02 Mar 2017 12:58

Thanks. I'll be at Buttonwillow. Air temp 50s-60s.

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Re: Toyo RR tire pressures

Posted by cbuzzetti - 06 Mar 2017 16:44

I typically run much lower pressures than others at 30-32 hot. The RR does not seem to like the pressures between 33-36. Yes it is below the recommended range, but can't argue with success.

Set pressures hot. Starting pressures between 24-28.

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Re: Toyo RR tire pressures

Posted by AgRacer - 07 Mar 2017 11:42

cbuzzetti wrote:

I typically run much lower pressures than others at 30-32 hot. The RR does not seem to like the pressures between 33-36. Yes it is below the recommended range, but can't argue with success.

Set pressures hot. Starting pressures between 24-28.

This seems to be an SE30 thing. The SE30 guys in the SE region seem to run similar pressures as you. Just goes to show you there are many ways to achieve results since I run them at 37-38 hot and seem to think they feel great and wear appropriately.

Is what you arrived at as a target hot pressure a result of handling, performance, personal preference, or tire wear?

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Re: Toyo RR tire pressures

Posted by cbuzzetti - 14 Mar 2017 09:33

Sorry for the late reply.

This is not just an E30 thing though that is where I learned it.

I have run this on my 944Spec and also on my 944 PTD car as well as E30.

The bottom line is that it is faster over the course of the race. The tire does not drop off and lap times stay consistent. It does not handle as well on first lap but after that it is better and faster.

You do not want to be in the no mans land of 33-36 psi. The RR tire does not work well there.

If you are not a top tier driver then this may not be a good idea for you. If you are consistently on the podium and racing for the win with more than 5 cars in your class you may want to try this.

As far as tire wear goes, YES it does increase tire wear. You are getting more grip so rubber goes away faster. Not dramatically but tire wear is increased. I did not see a big change in camber settings for this pressure but that is also track and driver dependent.

Lots of track records and wins with the lower pressure settings in multiple classes.

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