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02-26-2006, 11:36 AM

#1

[bulldog](#)

Admin



Join Date: May 2005
Location: Walnut Creek, CA
Posts: 12,294

[Setting rear Air height on 4R/GX and Prado](#)

I have been looking into this for quite some time, as I want to lift the GX at some point (won't tell the GF yet ☺).

I got this idea after reading what the guys on MUD have been doing on the LX with AHC. I think Slee was the first to start it. Basically it involves setting the height sensor so that it raises the vehicle height in the normal position. So it will actually be in high all the time while it thinks it is normal. The downside is that you can only use the low position and normal position as settings. But it still retains the ability to adjust for your weight and keep the ride height.

I attached the Toyota Shop manual showing the sensor adjuster for the rear axle. It is located on the upper control arm for the rear axle. So before you start measure the ground to fender of the rear axle in low, normal and height positions (VERY IMPORTANT). Now shut the system and ignition off. Undo the adjuster from the control arm and lengthen it by a 1/4" or so (remember the leverage of the arm to the axle, so every bit you adjust will on the sensor will be a lot more on the axle). Put the sensor back and measure your low and normal positions from fender to ground. Adjust using the same procedure till you get the right height in the normal position you are looking for.

The system will now maintain that height as the normal position, but please be careful in using the high setting as it will be a lot higher than it used to be and you will probably have very little downtravel left on the axle. I would recommend you avoid the high setting completely.

The advantage you now have is that the system will still be able to compensate for additional weight in the back as it is fully functional. You can also still lower it a bit for loading, etc as well. The reason why people got air rear suspensions in the first place.

Enjoy!! I still need to do it sometime on the GX, but it will have to wait for a while.

Attached Files

[setting_rear_air_height.pdf](#) (619.1 KB, 573 views)

andries
K9BDG



08-19-2014, 11:00 PM

#2

[4runner4runner](#)

Rookie

Join Date: Aug 2014
Posts: 1



Easier than this....loosen the bolt on the height sensor control link and move to the highest position on the upper control arm assembly. I have a 3 inch lift on the front. It's level and works great.



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