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## distribution hitch

Posted by Utah944 - 2008/08/09 18:30

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I just bought a 20' enclosed trailer, i hope but that is a different story. I was interested in people's experience with distribution hitches. Is it needed for a 20' trailer. My tow vehicle is a 2006 nissan titan with the full tow package.

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## Re:distribution hitch

Posted by joepaluch - 2008/08/10 07:01

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I would use one for any enclosed trailer and any 1/2 ton truck. I am sure you can "get by" without one, but better to be safe.

For a bigger truck you might be ok without one.

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## Re:distribution hitch

Posted by SvoChuck - 2008/08/11 19:00

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I love them ! it makes the towing seem so much better

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## Re:distribution hitch

Posted by Sterling Doc - 2008/08/11 19:03

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It made a large difference with out 31 ft. 2 car trailer, but then it was really nose heavy without the w/d hitch. It's amazing how much weight it can transfer. It would not be as important with a smaller trailer like yours - it depends on how much tongue weight you end up with.

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## Re:distribution hitch

Posted by Gary\_44 - 2008/08/11 23:23

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B) [http://944spec.org/944SPEC/images/fbfiles/images/trailer\\_hitch.jpg](http://944spec.org/944SPEC/images/fbfiles/images/trailer_hitch.jpg)

My only experience with an equalizer/ distribution hitch was this:

A friend was betting me he could tow my 580 CASE BACKHOE on his trailer with his GMC pickup that had an equalizer. We loaded it and it looked pretty level, I was impressed and thought maybe it would work. When we hit the first 30+ mph curve, the front wheels understeered so bad we went off the road into a field. Luckily we didn't hurt anything, I unloaded the tractor, pulled the truck out of the mud and DROVE the backhoe home.

My opinion is they give a false sense of load balancing, but the physics don't really change.

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## Re:distribution hitch

Posted by Litespeeds - 2008/08/12 08:35

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Gary\_44 wrote:

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Thanks for the insight. I always wondered if they really made a difference or not. The bottom line is, when you are towing, slow it down!

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## Re:distribution hitch

Posted by joepaluch - 2008/08/12 09:25

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Gary\_44 wrote:

..My opinion is they give a false sense of load balancing, but the physics don't really change.

Well,

A load equalizing hitch does not make it ok to tow over the limits of the vehicle. Yes they can't change physics, but to close to the limit of vehicle you NEED weight equalizing hitch. The trucks are rated like this.

So the Titan is something like 9400lbs and to tow that much it NEEDS to have a weight equalizing hitch as it required equipment for that rating. This hitch balances the load better over front and rear axles of the truck. Even so you still can't exceed the tongue weight and overall weight or else bad thing can happen. Heck even UNDER the limit bad things can happen.

Never overlook towing as it can be most dangerous part of racing. Even so the Titan should be ok towing a 20ft enclosed box, but I would get a weight distributing hitch and keep the speeds down. It is likely that the trailer is rated to 7000lbs (two 3500lbs axles) and I would guess your actual weight would be right there close. 2500lbs for the car 3000lbs for the trailer and 1500 for gear.

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## Re:distribution hitch

Posted by 944cer - 2008/08/12 14:55

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I had an experience similar to Gary's. It helped alot to level the rig but at normal hwy speeds it was unsafe. I literally had it sliding sideways back and forth on the interstate at 50-60 mph from a simple lane change. The trailer was too much weight for the Tahoe to handle. Fortunately we didn't hit anything but it sure through the car around inside the trailer.

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