



TYING DOWN YOUR  
OUTDOOR ADVENTURE TOYS

# TEXTBOOK SECUREMENT OUR 4 x 45° RULE EXPLAINED



## THE 4

4 securement points is the minimum required by law. 2 in the front and 2 in the rear, each at a 45° angle to the bike as required by law.

The objective here is to show how to prevent your vehicle from shifting side to side and back to front.

Multiple testing and modelling software has consistently proven that 4 straps used this way is the bare minimum recommended.

Prevention of movement from side to side and back to front is achieved with Tie-Downs in 4 opposite corners creating equal tension and balance. It's easy to remember, we call it The Steadymate X. Prevention of movement up and down in transit is the final step. This is explained to the right.

## THE 45

A bike is a unique Tie-Down challenge because of its shape. It's like securing a triangle on its point.

Proper securement is a 45° angle from the bike to the floor at all 4 securement points. With this, you have now completed the task of securing your vehicle from the forces of all 3 directions; side to side, front to back and up and down.

Now that you know all the angles, a quick word about ratings. Remember, Steadymate products meet or exceed CVSA Cargo Securement laws and NSCS 10 standards. It is important to stay away from low-rated Tie-Downs. We recommend that all of the 4 straps used, be rated to the full weight of your vehicle. This is because during sharp turns, one Tie-Down will be called upon to restrain the total force of your cargo at any one point of the turn. It's the basic physics of inertia: weight is shifted in opposing directions when turning or stopping.

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LINEUP OF STEADYMATE PRODUCTS VISIT  
[WWW.STEADYMATE.COM](http://WWW.STEADYMATE.COM)