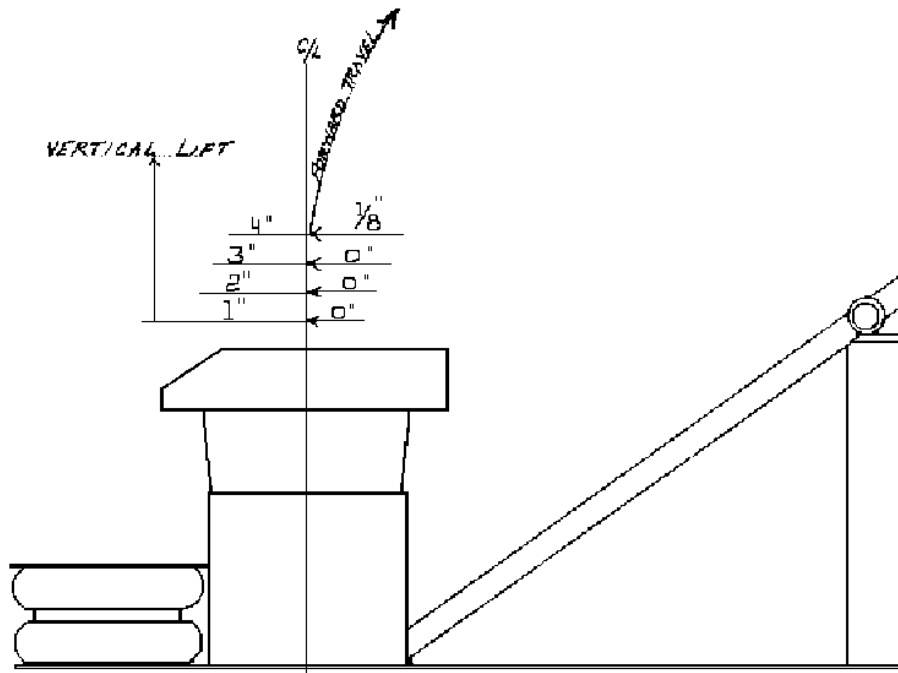


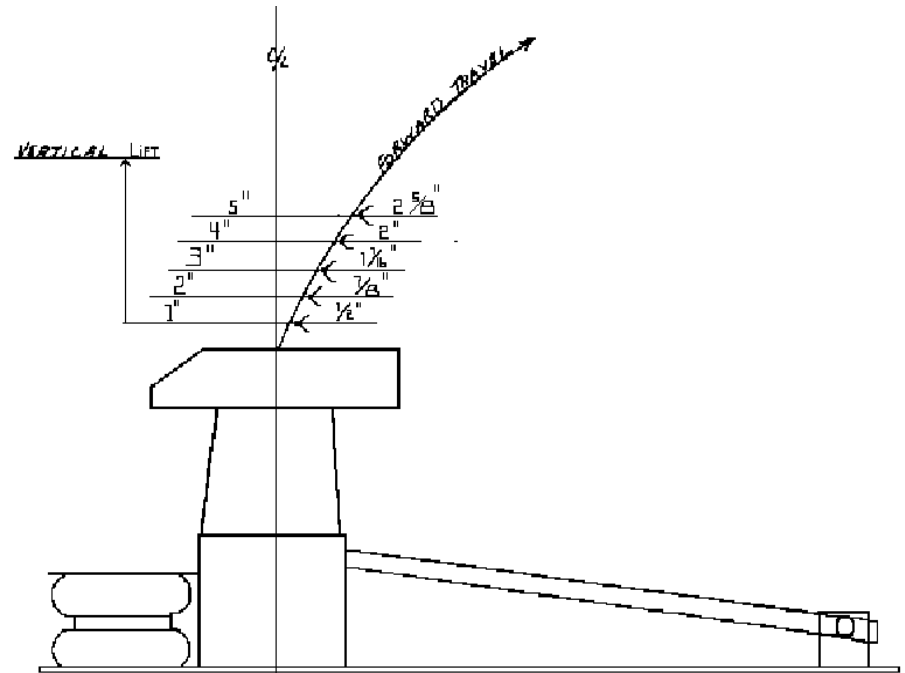
COMPARE THE DIFFERENCE of FORWARD TRAVEL

This drawing demonstrates the differences of forward travel in direct relation to vertical lift between the **TrailerSaver** Air Suspension Hitch level **Beam** design, and the **Angle Beam** design on the right.

Notice the locations of the pivot points on the two models.



TrailerSaver Model TSLB (Design known as Level Beam)



Model "AB" (Design known as Angular Beam)

You will notice by the arc of each hitch, that the **TrailerSaver** hitch moves forward only 1/8 at its full lift of 4 . On the Model AB design you will see by the arc that at 4 of up lift the hitch has traveled forward 2 . When this happens, the trailer is pulled forward the 2 on the up lift and then pushed backward the 2 on the down travel. This causes a surging action in the tow vehicle, and also puts added stress on the kingpin and pin box of the trailer.