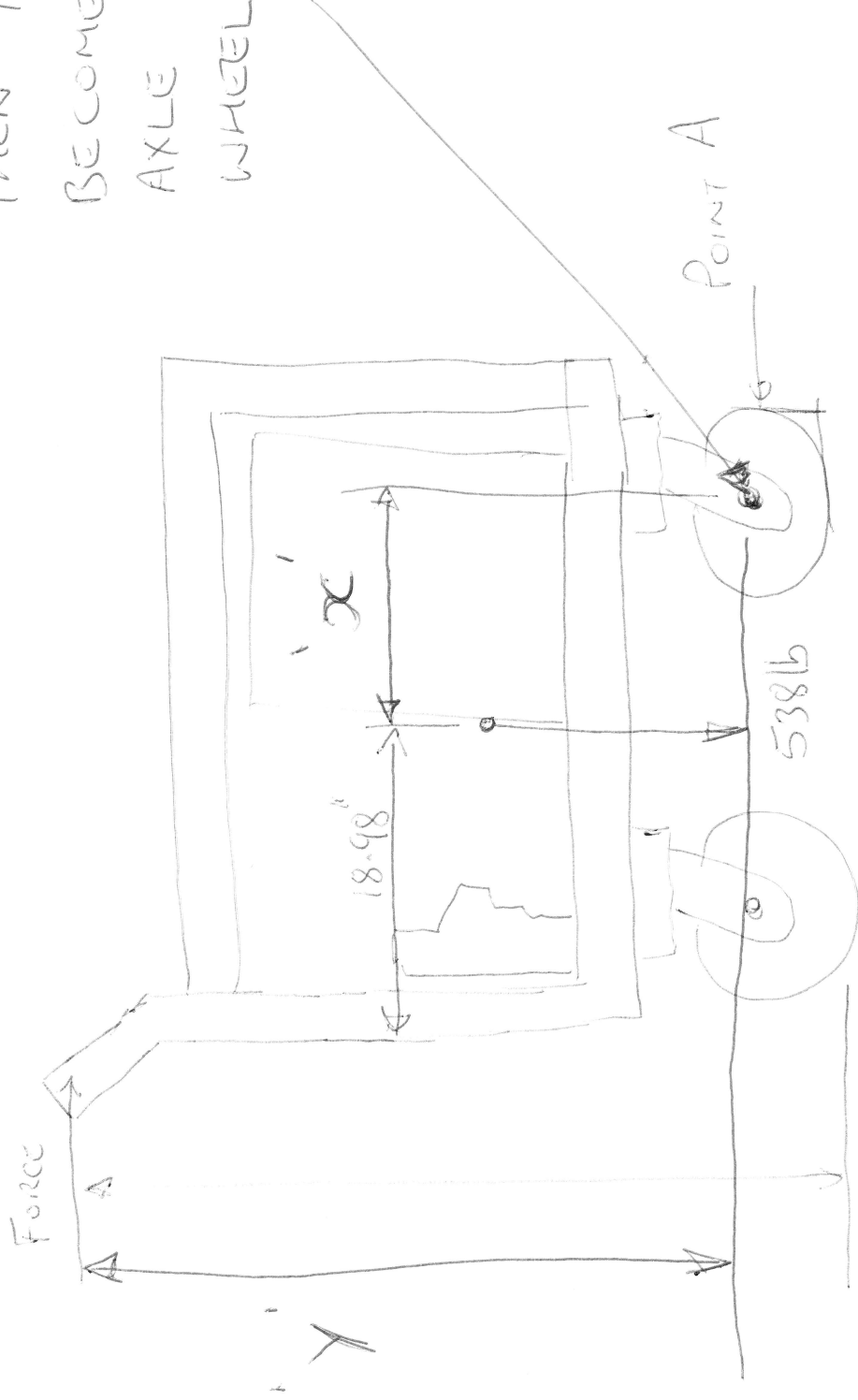


IF THE FRONT WHEEL AT
POINT A STOPS DEAD

THEN THE PIVOT POINT
BECOMES THE CENTRE
AXLE OF THE FRONT
WHEEL PIVOT POINT



SO YOU NEED TO TAKE MOMENTS ABOUT THE PIVOT POINT

ie:- Force To Tip $\times Y = 538 \text{ lbf} \times X$