## Air Ride Plow Option

## -Patent Pending-

Cutting edge wear has always been an issue with plowing snow in the winter. The current solution is a hydraulic modification that maintains upward hydraulic pressure on the plow lift cylinder thus reducing the weight of the plow on the road surface. In concept this does work to a point. But it does have drawbacks.

One must modify existing hydraulic systems which adds complexity

Adjustable wherever the valve is placed needing tools to do so.

Although upward pressure is apparent, it is non-forgiving and can be somewhat rigid in performance

Does not react to changing conditions quick enough, no shock absorber like performance or "spring" action

## Save the Blade... The "Air Ride" advantage

The "Air Ride plow" utilizes "air spring" technology and a custom lift arm assembly to gently maintain upward motion to accomplish the same as the hydraulic version. Advantages are as below.

Can be easily added to existing GN-200 snow plow push frames. (shown in picture)

<u>No modifications whatsoever</u> to the existing hydraulics, the simpler the better

Can be made adjustable inside the cab by the operator

The air spring design maintains a steady <u>air ride quality</u> like a road tractor suspension.

Very flexible and has an <u>inherent "spring</u>" to be more forgiving over various road conditions.

Costs less than half the price, and is simpler to install and maintain

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