



# Mobile Plow Racking Emergency Stand System

## District 7

### Problem:

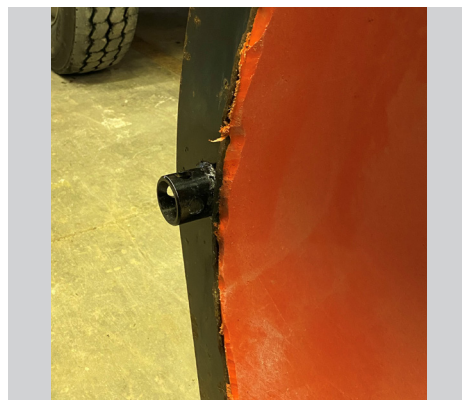
Hoisting failures, jack stand failures and operator errors can create safety hazards when installing, moving and storing plow blades. What's more, traditional methods of installation and transportation of plow blades requires multiple hands on deck.

### Solution:

A system of wheeled jacks enables a single user to efficiently and safely install and position plow blades. The jacks are easily customizable via interchangeable wheels and jacks to accommodate differences in plowing systems and terrain.



Cost for parts to build the system is approximately \$200. Jack lugs for use on additional plows run \$30.



The Flora Yard has created detailed blueprints to assist others in recreating the system.



The system can be built in less than two hours.